APPENDIX 5.3 BIG-1

AIR QUALITY TECHNICAL REPORT

*PART 6

1548	494411.06	3858651.99	0.22076	0.25503	0.22856	3.39E-03	1.86E-05	6.13E-03	0.009536	3.46E-03	1.83E-05	6.82E-03	0.010298	3.29E-03	2.32E-05	1.31E-02	1.64E-02
1549	494461.06	3858651.99	0.22502	0.26242	0.234	3.45E-03	1.91E-05	6.28E-03	0.009748	3.53E-03	1.88E-05	6.98E-03	0.010528	3.35E-03	2.39E-05	1.34E-02	1.68E-02
1550	494511.06	3858651.99	0.22277	0.25907	0.23091	3.42E-03	1.89E-05	6.19E-03	0.00963	3.49E-03	1.86E-05	6.89E-03	0.0104	3.32E-03	2.36E-05	1.32E-02	1.66E-02
1551	494561.06	3858651.99	0.22049	0.25241	0.22903	3.38E-03	1.84E-05	6.14E-03	0.009545	3.46E-03	1.81E-05	6.83E-03	0.010308	3.28E-03	2.30E-05	1.31E-02	1.64E-02
1552	494611.06	3858651.99	0.21697	0.2483	0.22594	3.33E-03	1.81E-05	6.06E-03	0.009407	3.40E-03	1.78E-05	6.74E-03	0.01016	3.23E-03	2.26E-05	1.29E-02	1.62E-02
1553	494661.06	3858651.99	0.21134	0.23679	0.22088	3.24E-03	1.72E-05	5.92E-03	0.009184	3.31E-03	1.70E-05	6.59E-03	0.00992	3.15E-03	2.15E-05	1.27E-02	1.58E-02
1554	494711.06	3858651.99	0.20364	0.23143	0.21519	3.12E-03	1.68E-05	5.77E-03	0.008913	3.19E-03	1.66E-05	6.42E-03	0.009629	3.03E-03	2.11E-05	1.23E-02	1.54E-02
1555	494761.06	3858651.99	0.19789	0.23314	0.21129	3.04E-03	1.70E-05	5.67E-03	0.008721	3.10E-03	1.67E-05	6.30E-03	0.009423	2.95E-03	2.12E-05	1.21E-02	1.51E-02
1556	494811.06	3858651.99	0.19381	0.23285	0.2056	2.97E-03	1.69E-05	5.51E-03	0.008505	3.04E-03	1.67E-05	6.13E-03	0.009189	2.89E-03	2.12E-05	1.18E-02	1.47E-02
1557	494861.06	3858651.99	0.19026	0.22506	0.20044	2.92E-03	1.64E-05	5.38E-03	0.008312	2.98E-03	1.61E-05	5.98E-03	0.008979	2.83E-03	2.05E-05	1.15E-02	1.43E-02
1558	494911.06	3858651.99	0.18651	0.21267	0.19472	2.86E-03	1.55E-05	5.22E-03	0.0081	2.92E-03	1.52E-05	5.81E-03	0.008749	2.78E-03	1.93E-05	1.12E-02	1.40E-02
1559	494961.06	3858651.99	0.18319	0.20686	0.18967	2.81E-03	1.51E-05	5.09E-03	0.007913	2.87E-03	1.48E-05	5.66E-03	0.008545	2.73E-03	1.88E-05	1.09E-02	1.36E-02
1560	495011.06	3858651.99	0.18077	0.20811	0.18594	2.77E-03	1.51E-05	4.99E-03	0.007776	2.83E-03	1.49E-05	5.55E-03	0.008396	2.69E-03	1.89E-05	1.07E-02	1.34E-02
1561	495061.06	3858651.99	0.17791	0.20658	0.18286	2.73E-03	1.50E-05	4.90E-03	0.007649	2.79E-03	1.48E-05	5.46E-03	0.008259	2.65E-03	1.88E-05	1.05E-02	1.31E-02
1562	495111.06	3858651.99	0.17335	0.19995	0.17878	2.66E-03	1.46E-05	4.79E-03	0.00747	2.72E-03	1.43E-05	5.33E-03	0.008066	2.58E-03	1.82E-05	1.02E-02	1.28E-02
1563	495161.06	3858651.99	0.17009	0.19622	0.17574	2.61E-03	1.43E-05	4.71E-03	0.007338	2.67E-03	1.41E-05	5.24E-03	0.007924	2.53E-03	1.78E-05	1.01E-02	1.26E-02
1564	495211.06	3858651.99	0.16624	0.19145	0.17321	2.55E-03	1.39E-05	4.65E-03	0.00721	2.61E-03	1.37E-05	5.17E-03	0.007787	2.48E-03	1.74E-05	9.92E-03	1.24E-02
1565	495261.06	3858651.99	0.16509	0.1916	0.17222	2.53E-03	1.39E-05	4.62E-03	0.007166	2.59E-03	1.37E-05	5.14E-03	0.00774	2.46E-03	1.74E-05	9.87E-03	1.23E-02
1566	495311.06	3858651.99	0.16309	0.19112	0.17075	2.50E-03	1.39E-05	4.58E-03	0.007096	2.56E-03	1.37E-05	5.09E-03	0.007665	2.43E-03	1.74E-05	9.78E-03	1.22E-02
1567	495361.06	3858651.99	0.16186	0.1878	0.17082	2.48E-03	1.37E-05	4.58E-03	0.007079	2.54E-03	1.35E-05	5.10E-03	0.007647	2.41E-03	1.71E-05	9.79E-03	1.22E-02
1568	495411.06	3858651.99	0.16114	0.19082	0.17162	2.47E-03	1.39E-05	4.60E-03	0.00709	2.53E-03	1.37E-05	5.12E-03	0.00766	2.40E-03	1.74E-05	9.83E-03	1.22E-02
1569	495461.06	3858651.99	0.16139	0.19088	0.17305	2.48E-03	1.39E-05	4.64E-03	0.007132	2.53E-03	1.37E-05	5.16E-03	0.007707	2.40E-03	1.74E-05	9.91E-03	1.23E-02
1570	495511.06	3858651.99	0.16051	0.19152	0.17163	2.46E-03	1.39E-05	4.60E-03	0.00708	2.52E-03	1.37E-05	5.12E-03	0.00765	2.39E-03	1.74E-05	9.83E-03	1.22E-02
1571	495561.06	3858651.99	0.15996	0.18802	0.17091	2.45E-03	1.37E-05	4.58E-03	0.007052	2.51E-03	1.35E-05	5.10E-03	0.00762	2.38E-03	1.71E-05	9.79E-03	1.22E-02
1572	495611.06	3858651.99	0.15887	0.18589	0.16867	2.44E-03	1.35E-05	4.52E-03	0.006975	2.49E-03	1.33E-05	5.03E-03	0.007536	2.37E-03	1.69E-05	9.66E-03	1.20E-02
1573	495661.06	3858651.99	0.1588	0.18482	0.16848	2.44E-03	1.35E-05	4.52E-03	0.006969	2.49E-03	1.32E-05	5.03E-03	0.007529	2.37E-03	1.68E-05	9.65E-03	1.20E-02
1574	494311.06	3858701.99	0.19872	0.20846	0.19846	3.05E-03	1.52E-05	5.32E-03	0.008387	3.12E-03	1.49E-05	5.92E-03	0.009051	2.96E-03	1.90E-05	1.14E-02	1.43E-02
1575	494361.06	3858701.99	0.21796	0.23214	0.22205	3.34E-03	1.69E-05	5.96E-03	0.009317	3.42E-03	1.66E-05	6.62E-03	0.010058	3.25E-03	2.11E-05	1.27E-02	1.60E-02
1576	494411.06	3858701.99	0.22966	0.25458	0.23715	3.52E-03	1.85E-05	6.36E-03	0.009903	3.60E-03	1.82E-05	7.07E-03	0.010694	3.42E-03	2.32E-05	1.36E-02	1.70E-02
1577	494461.06	3858701.99	0.23011	0.25682	0.2401	3.53E-03	1.87E-05	6.44E-03	0.009989	3.61E-03	1.84E-05	7.16E-03	0.010789	3.43E-03	2.34E-05	1.38E-02	1.72E-02
1578	494511.06	3858701.99	0.23042	0.26004	0.24443	3.54E-03	1.89E-05	6.56E-03	0.01011	3.61E-03	1.86E-05	7.29E-03	0.010923	3.43E-03	2.37E-05	1.40E-02	1.75E-02
1579	494561.06	3858701.99	0.22868	0.25787	0.24157	3.51E-03	1.88E-05	6.48E-03	0.010007	3.59E-03	1.85E-05	7.21E-03	0.010811	3.41E-03	2.35E-05	1.38E-02	1.73E-02
1580	494611.06	3858701.99	0.223	0.25522	0.23284	3.42E-03	1.86E-05	6.24E-03	0.009685	3.50E-03	1.83E-05	6.95E-03	0.010461	3.32E-03	2.32E-05	1.33E-02	1.67E-02
1581	494661.06	3858701.99	0.22286	0.25912	0.23243	3.42E-03	1.89E-05	6.23E-03	0.009673	3.49E-03	1.86E-05	6.93E-03	0.010447	3.32E-03	2.36E-05	1.33E-02	1.67E-02
1582	494711.06	3858701.99	0.20324	0.23804	0.21399	3.12E-03	1.73E-05	5.74E-03	0.008875	3.19E-03	1.71E-05	6.38E-03	0.009587	3.03E-03	2.17E-05	1.23E-02	1.53E-02
1583	494761.06	3858701.99	0.20769	0.23848	0.21783	3.19E-03	1.74E-05	5.84E-03	0.009047	3.26E-03	1.71E-05	6.50E-03	0.009772	3.09E-03	2.17E-05	1.25E-02	1.56E-02
1584	494811.06	3858701.99	0.19854	0.22481	0.20995	3.05E-03	1.64E-05	5.63E-03	0.008694	3.11E-03	1.61E-05	6.26E-03	0.009392	2.96E-03	2.04E-05	1.20E-02	1.50E-02
1585	494861.06	3858701.99	0.19495	0.21547	0.20572	2.99E-03	1.57E-05	5.52E-03	0.008525	3.06E-03	1.54E-05	6.14E-03	0.009209	2.90E-03	1.96E-05	1.18E-02	1.47E-02
1586	494911.06	3858701.99	0.19255	0.21707	0.20225	2.95E-03	1.58E-05	5.42E-03	0.008395	3.02E-03	1.56E-05	6.03E-03	0.009068	2.87E-03	1.97E-05	1.16E-02	1.45E-02
1587	494961.06	3858701.99	0.18416	0.21226	0.19434	2.83E-03	1.55E-05	5.21E-03	0.008054	2.89E-03	1.52E-05	5.80E-03	0.0087	2.74E-03	1.93E-05	1.11E-02	1.39E-02
1588	495011.06	3858701.99	0.18058	0.20776	0.18949	2.77E-03	1.51E-05	5.08E-03	0.007868	2.83E-03	1.49E-05	5.65E-03	0.008499	2.69E-03	1.89E-05	1.09E-02	1.36E-02
1589	495061.06	3858701.99	0.17952	0.20744	0.18739	2.75E-03	1.51E-05	5.03E-03	0.007796	2.81E-03	1.49E-05	5.59E-03	0.00842	2.67E-03	1.89E-05	1.07E-02	1.34E-02
1590	495111.06	3858701.99	0.17577	0.19648	0.18284	2.70E-03	1.43E-05	4.90E-03	0.007615	2.76E-03	1.41E-05	5.45E-03	0.008225	2.62E-03	1.79E-05	1.05E-02	1.31E-02
1591	495161.06	3858701.99	0.1742	0.19577	0.18087	2.67E-03	1.43E-05	4.85E-03	0.007538	2.73E-03	1.40E-05	5.40E-03	0.008141	2.60E-03	1.78E-05	1.04E-02	1.30E-02
1592	495211.06	3858701.99	0.17183	0.19588	0.17675	2.64E-03	1.43E-05	4.74E-03	0.007392	2.69E-03	1.40E-05	5.27E-03	0.007981	2.56E-03	1.78E-05	1.01E-02	1.27E-02
1593	495261.06	3858701.99	0.17149	0.19669	0.17727	2.63E-03	1.43E-05	4.75E-03	0.0074	2.69E-03	1.41E-05	5.29E-03	0.007991	2.55E-03	1.79E-05	1.02E-02	1.27E-02
1594	495311.06	3858701.99	0.17055	0.1974	0.17653	2.62E-03	1.44E-05	4.73E-03	0.007366	2.67E-03	1.41E-05	5.27E-03	0.007955	2.54E-03	1.80E-05	1.01E-02	1.27E-02

1595	495361.06	3858701.99	0.16894	0.19687	0.17552	2.59E-03	1.43E-05	4.71E-03	0.007314	2.65E-03	1.41E-05	5.24E-03	0.007899	2.52E-03	1.79E-05	1.01E-02	1.26E-02
1596	495411.06	3858701.99	0.16847	0.19808	0.17581	2.59E-03	1.44E-05	4.72E-03	0.007315	2.64E-03	1.42E-05	5.24E-03	0.0079	2.51E-03	1.80E-05	1.01E-02	1.26E-02
1597	495461.06	3858701.99	0.16719	0.19781	0.17543	2.57E-03	1.44E-05	4.71E-03	0.007285	2.62E-03	1.42E-05	5.23E-03	0.007869	2.49E-03	1.80E-05	1.00E-02	1.26E-02
1598	495511.06	3858701.99	0.16527	0.19635	0.17452	2.54E-03	1.43E-05	4.68E-03	0.007231	2.59E-03	1.41E-05	5.21E-03	0.007812	2.46E-03	1.79E-05	1.00E-02	1.25E-02
1599	495561.06	3858701.99	0.16295	0.19344	0.17325	2.50E-03	1.41E-05	4.65E-03	0.007161	2.55E-03	1.39E-05	5.17E-03	0.007737	2.43E-03	1.76E-05	9.92E-03	1.24E-02
1600	495611.06	3858701.99	0.16057	0.19162	0.17195	2.46E-03	1.39E-05	4.61E-03	0.00709	2.52E-03	1.37E-05	5.13E-03	0.007661	2.39E-03	1.74E-05	9.85E-03	1.23E-02
1601	495661.06	3858701.99	0.15902	0.19257	0.17139	2.44E-03	1.40E-05	4.60E-03	0.007051	2.49E-03	1.38E-05	5.11E-03	0.00762	2.37E-03	1.75E-05	9.82E-03	1.22E-02
1602	494311.06	3858751.99	0.20492	0.21498	0.20888	3.14E-03	1.56E-05	5.60E-03	0.008762	3.21E-03	1.54E-05	6.23E-03	0.00946	3.05E-03	1.96E-05	1.20E-02	1.50E-02
1603	494361.06	3858751.99	0.22796	0.24575	0.23264	3.50E-03	1.79E-05	6.24E-03	0.009755	3.57E-03	1.76E-05	6.94E-03	0.010532	3.40E-03	2.24E-05	1.33E-02	1.67E-02
1604	494411.06	3858751.99	0.2372	0.26646	0.24906	3.64E-03	1.94E-05	6.68E-03	0.010339	3.72E-03	1.91E-05	7.43E-03	0.011168	3.53E-03	2.42E-05	1.43E-02	1.78E-02
1605	494461.06	3858751.99	0.23765	0.27108	0.25076	3.65E-03	1.97E-05	6.73E-03	0.010392	3.73E-03	1.94E-05	7.48E-03	0.011226	3.54E-03	2.47E-05	1.44E-02	1.79E-02
1606	494511.06	3858751.99	0.23893	0.27845	0.25988	3.67E-03	2.03E-05	6.97E-03	0.010657	3.75E-03	2.00E-05	7.75E-03	0.011519	3.56E-03	2.53E-05	1.49E-02	1.85E-02
1607	494561.06	3858751.99	0.23563	0.27414	0.25229	3.62E-03	2.00E-05	6.77E-03	0.010402	3.69E-03	1.96E-05	7.53E-03	0.011241	3.51E-03	2.49E-05	1.45E-02	1.80E-02
1608	494611.06	3858751.99	0.23112	0.26878	0.24681	3.55E-03	1.96E-05	6.62E-03	0.010186	3.62E-03	1.93E-05	7.36E-03	0.011006	3.44E-03	2.44E-05	1.41E-02	1.76E-02
1609	494661.06	3858751.99	0.22844	0.26401	0.24145	3.51E-03	1.92E-05	6.48E-03	0.01	3.58E-03	1.89E-05	7.20E-03	0.010804	3.40E-03	2.40E-05	1.38E-02	1.73E-02
1610	494711.06	3858751.99	0.22142	0.25172	0.23018	3.40E-03	1.83E-05	6.17E-03	0.00959	3.47E-03	1.80E-05	6.87E-03	0.010357	3.30E-03	2.29E-05	1.32E-02	1.65E-02
1611	494761.06	3858751.99	0.2197	0.25024	0.22935	3.37E-03	1.82E-05	6.15E-03	0.009541	3.44E-03	1.79E-05	6.84E-03	0.010305	3.27E-03	2.28E-05	1.31E-02	1.64E-02
1612	494811.06	3858751.99	0.2106	0.24291	0.22019	3.23E-03	1.77E-05	5.91E-03	0.009155	3.30E-03	1.74E-05	6.57E-03	0.009888	3.14E-03	2.21E-05	1.26E-02	1.58E-02
1613	494861.06	3858751.99	0.20149	0.23963	0.21231	3.09E-03	1.74E-05	5.69E-03	0.008804	3.16E-03	1.72E-05	6.33E-03	0.00951	3.00E-03	2.18E-05	1.22E-02	1.52E-02
1614	494911.06	3858751.99	0.19535	0.22329	0.20364	3.00E-03	1.63E-05	5.46E-03	0.008476	3.06E-03	1.60E-05	6.08E-03	0.009154	2.91E-03	2.03E-05	1.17E-02	1.46E-02
1615	494961.06	3858751.99	0.19276	0.21076	0.1977	2.96E-03	1.53E-05	5.30E-03	0.008276	3.02E-03	1.51E-05	5.90E-03	0.008935	2.87E-03	1.92E-05	1.13E-02	1.42E-02
1616	495011.06	3858751.99	0.19083	0.20246	0.19565	2.93E-03	1.47E-05	5.25E-03	0.00819	2.99E-03	1.45E-05	5.84E-03	0.008843	2.84E-03	1.84E-05	1.12E-02	1.41E-02
1617	495061.06	3858751.99	0.18521	0.19989	0.19215	2.84E-03	1.46E-05	5.15E-03	0.00801	2.90E-03	1.43E-05	5.73E-03	0.008651	2.76E-03	1.82E-05	1.10E-02	1.38E-02
1618	495111.06	3858751.99	0.17795	0.19584	0.18812	2.73E-03	1.43E-05	5.05E-03	0.00779	2.79E-03	1.40E-05	5.61E-03	0.008416	2.65E-03	1.78E-05	1.08E-02	1.34E-02
1619	495161.06	3858751.99	0.17599	0.19504	0.18564	2.70E-03	1.42E-05	4.98E-03	0.007694	2.76E-03	1.40E-05	5.54E-03	0.008311	2.62E-03	1.77E-05	1.06E-02	1.33E-02
1620	495211.06	3858751.99	0.17364	0.19263	0.18233	2.66E-03	1.40E-05	4.89E-03	0.007569	2.72E-03	1.38E-05	5.44E-03	0.008176	2.59E-03	1.75E-05	1.04E-02	1.30E-02
1621	495261.06	3858751.99	0.17337	0.19439	0.18203	2.66E-03	1.42E-05	4.88E-03	0.007557	2.72E-03	1.39E-05	5.43E-03	0.008163	2.58E-03	1.77E-05	1.04E-02	1.30E-02
1622	495311.06	3858751.99	0.17332	0.19644	0.18173	2.66E-03	1.43E-05	4.87E-03	0.007548	2.72E-03	1.41E-05	5.42E-03	0.008153	2.58E-03	1.79E-05	1.04E-02	1.30E-02
1623	495361.06	3858751.99	0.17279	0.19728	0.18055	2.65E-03	1.44E-05	4.84E-03	0.007508	2.71E-03	1.41E-05	5.39E-03	0.00811	2.57E-03	1.79E-05	1.03E-02	1.29E-02
1624	495411.06	3858751.99	0.17339	0.20033	0.18008	2.66E-03	1.46E-05	4.83E-03	0.007505	2.72E-03	1.44E-05	5.37E-03	0.008105	2.58E-03	1.82E-05	1.03E-02	1.29E-02
1625	495461.06	3858751.99	0.17307	0.20124	0.17899	2.66E-03	1.46E-05	4.80E-03	0.007471	2.71E-03	1.44E-05	5.34E-03	0.008068	2.58E-03	1.83E-05	1.03E-02	1.28E-02
1626	495511.06	3858751.99	0.17222	0.20083	0.17757	2.64E-03	1.46E-05	4.76E-03	0.00742	2.70E-03	1.44E-05	5.30E-03	0.008012	2.57E-03	1.83E-05	1.02E-02	1.28E-02
1627	495561.06	3858751.99	0.16998	0.19978	0.17599	2.61E-03	1.45E-05	4.72E-03	0.007343	2.67E-03	1.43E-05	5.25E-03	0.00793	2.53E-03	1.82E-05	1.01E-02	1.26E-02
1628	495611.06	3858751.99	0.16772	0.19856	0.17475	2.57E-03	1.45E-05	4.69E-03	0.007275	2.63E-03	1.42E-05	5.21E-03	0.007857	2.50E-03	1.81E-05	1.00E-02	1.25E-02
1629	495661.06	3858751.99	0.16586	0.19785	0.17391	2.55E-03	1.44E-05	4.66E-03	0.007224	2.60E-03	1.42E-05	5.19E-03	0.007803	2.47E-03	1.80E-05	9.96E-03	1.25E-02
1630	494311.06	3858801.99	0.21574	0.22634	0.22028	3.31E-03	1.65E-05	5.91E-03	0.009235	3.38E-03	1.62E-05	6.57E-03	0.00997	3.21E-03	2.06E-05	1.26E-02	1.59E-02
1631	494361.06	3858801.99	0.23639	0.25335	0.25385	3.63E-03	1.84E-05	6.81E-03	0.010454	3.71E-03	1.82E-05	7.57E-03	0.011297	3.52E-03	2.30E-05	1.45E-02	1.81E-02
1632	494411.06	3858801.99	0.24419	0.27091	0.26454	3.75E-03	1.97E-05	7.10E-03	0.010862	3.83E-03	1.94E-05	7.89E-03	0.01174	3.64E-03	2.46E-05	1.52E-02	1.88E-02
1633	494461.06	3858801.99	0.24894	0.28327	0.2697	3.82E-03	2.06E-05	7.23E-03	0.011074	3.90E-03	2.03E-05	8.05E-03	0.011969	3.71E-03	2.58E-05	1.54E-02	1.92E-02
1634	494511.06	3858801.99	0.25497	0.29214	0.27323	3.91E-03	2.13E-05	7.33E-03	0.011262	4.00E-03	2.09E-05	8.15E-03	0.01217	3.80E-03	2.66E-05	1.57E-02	1.95E-02
1635	494561.06	3858801.99	0.25341	0.29052	0.27171	3.89E-03	2.11E-05	7.29E-03	0.011197	3.97E-03	2.08E-05	8.11E-03	0.0121	3.78E-03	2.64E-05	1.56E-02	1.94E-02
1636	494611.06	3858801.99	0.24983	0.28757	0.26858	3.83E-03	2.09E-05	7.20E-03	0.011058	3.92E-03	2.06E-05	8.01E-03	0.01195	3.72E-03	2.62E-05	1.54E-02	1.91E-02
1637	494661.06	3858801.99	0.24128	0.28346	0.26074	3.70E-03	2.06E-05	6.99E-03	0.010716	3.78E-03	2.03E-05	7.78E-03	0.011582	3.59E-03	2.58E-05	1.49E-02	1.86E-02
1638	494711.06	3858801.99	0.23207	0.27654	0.2508	3.56E-03	2.01E-05	6.73E-03	0.010308	3.64E-03	1.98E-05	7.48E-03	0.01114	3.46E-03	2.52E-05	1.44E-02	1.78E-02
1639	494761.06	3858801.99	0.22514	0.26675	0.23905	3.45E-03	1.94E-05	6.41E-03	0.009886	3.53E-03	1.91E-05	7.13E-03	0.010681	3.35E-03	2.43E-05	1.37E-02	1.71E-02
1640	494811.06	3858801.99	0.21797	0.25558	0.22798	3.34E-03	1.86E-05	6.11E-03	0.009478	3.42E-03	1.83E-05	6.80E-03	0.010237	3.25E-03	2.32E-05	1.31E-02	1.63E-02
1641	494861.06	3858801.99	0.21435	0.24962	0.22258	3.29E-03	1.82E-05	5.97E-03	0.009277	3.36E-03	1.79E-05	6.64E-03	0.010019	3.19E-03	2.27E-05	1.28E-02	1.60E-02

1642	494911.06	3858801.99	0.20415	0.23909	0.21408	3.13E-03	1.74E-05	5.74E-03	0.008892	3.20E-03	1.71E-05	6.39E-03	0.009605	3.04E-03	2.17E-05	1.23E-02	1.53E-02
1643	494961.06	3858801.99	0.19704	0.23057	0.20796	3.02E-03	1.68E-05	5.58E-03	0.008618	3.09E-03	1.65E-05	6.20E-03	0.00931	2.94E-03	2.10E-05	1.19E-02	1.49E-02
1644	495011.06	3858801.99	0.19435	0.22607	0.20151	2.98E-03	1.65E-05	5.40E-03	0.008403	3.05E-03	1.62E-05	6.01E-03	0.009075	2.90E-03	2.06E-05	1.15E-02	1.45E-02
1645	495061.06	3858801.99	0.19245	0.21752	0.19752	2.95E-03	1.58E-05	5.30E-03	0.008267	3.02E-03	1.56E-05	5.89E-03	0.008926	2.87E-03	1.98E-05	1.13E-02	1.42E-02
1646	495111.06	3858801.99	0.18834	0.20149	0.19342	2.89E-03	1.47E-05	5.19E-03	0.008092	2.95E-03	1.44E-05	5.77E-03	0.008738	2.81E-03	1.83E-05	1.11E-02	1.39E-02
1647	495161.06	3858801.99	0.18232	0.18987	0.18916	2.80E-03	1.38E-05	5.07E-03	0.007885	2.86E-03	1.36E-05	5.64E-03	0.008515	2.72E-03	1.73E-05	1.08E-02	1.36E-02
1648	495211.06	3858801.99	0.17887	0.19034	0.18708	2.74E-03	1.39E-05	5.02E-03	0.007776	2.80E-03	1.36E-05	5.58E-03	0.008399	2.66E-03	1.73E-05	1.07E-02	1.34E-02
1649	495261.06	3858801.99	0.17693	0.18548	0.18616	2.72E-03	1.35E-05	4.99E-03	0.007721	2.77E-03	1.33E-05	5.55E-03	0.008341	2.64E-03	1.69E-05	1.07E-02	1.33E-02
1650	495311.06	3858801.99	0.17545	0.1882	0.18565	2.69E-03	1.37E-05	4.98E-03	0.007685	2.75E-03	1.35E-05	5.54E-03	0.008303	2.61E-03	1.71E-05	1.06E-02	1.33E-02
1651	495361.06	3858801.99	0.17467	0.19052	0.1844	2.68E-03	1.39E-05	4.95E-03	0.00764	2.74E-03	1.37E-05	5.50E-03	0.008253	2.60E-03	1.73E-05	1.06E-02	1.32E-02
1652	495411.06	3858801.99	0.1758	0.20006	0.18515	2.70E-03	1.46E-05	4.97E-03	0.007678	2.76E-03	1.43E-05	5.52E-03	0.008294	2.62E-03	1.82E-05	1.06E-02	1.32E-02
1653	495461.06	3858801.99	0.17528	0.20322	0.18366	2.69E-03	1.48E-05	4.93E-03	0.00763	2.75E-03	1.46E-05	5.48E-03	0.008242	2.61E-03	1.85E-05	1.05E-02	1.32E-02
1654	495511.06	3858801.99	0.17418	0.19838	0.1816	2.67E-03	1.44E-05	4.87E-03	0.007558	2.73E-03	1.42E-05	5.42E-03	0.008163	2.59E-03	1.80E-05	1.04E-02	1.30E-02
1655	495561.06	3858801.99	0.1734	0.20028	0.18041	2.66E-03	1.46E-05	4.84E-03	0.007514	2.72E-03	1.44E-05	5.38E-03	0.008115	2.58E-03	1.82E-05	1.03E-02	1.29E-02
1656	495611.06	3858801.99	0.17186	0.19943	0.1783	2.64E-03	1.45E-05	4.78E-03	0.007434	2.69E-03	1.43E-05	5.32E-03	0.008028	2.56E-03	1.81E-05	1.02E-02	1.28E-02
1657	495661.06	3858801.99	0.17147	0.20149	0.17753	2.63E-03	1.47E-05	4.76E-03	0.007407	2.69E-03	1.44E-05	5.30E-03	0.007999	2.55E-03	1.83E-05	1.02E-02	1.27E-02
1658	494311.06	3858851.99	0.24651	0.25168	0.26734	3.78E-03	1.83E-05	7.17E-03	0.010971	3.87E-03	1.80E-05	7.98E-03	0.011858	3.67E-03	2.29E-05	1.53E-02	1.90E-02
1659	494361.06	3858851.99	0.26282	0.27258	0.28797	4.03E-03	1.98E-05	7.72E-03	0.011776	4.12E-03	1.95E-05	8.59E-03	0.012731	3.92E-03	2.48E-05	1.65E-02	2.04E-02
1660	494411.06	3858851.99	0.25998	0.27321	0.28611	3.99E-03	1.99E-05	7.67E-03	0.011683	4.08E-03	1.96E-05	8.54E-03	0.012631	3.87E-03	2.49E-05	1.64E-02	2.03E-02
1661	494461.06	3858851.99	0.2596	0.27793	0.286	3.98E-03	2.02E-05	7.67E-03	0.011674	4.07E-03	1.99E-05	8.53E-03	0.012622	3.87E-03	2.53E-05	1.64E-02	2.03E-02
1662	494511.06	3858851.99	0.26102	0.28833	0.28524	4.01E-03	2.10E-05	7.65E-03	0.011677	4.09E-03	2.07E-05	8.51E-03	0.012623	3.89E-03	2.62E-05	1.63E-02	2.03E-02
1663	494561.06	3858851.99	0.25631	0.29042	0.28253	3.93E-03	2.11E-05	7.58E-03	0.011532	4.02E-03	2.08E-05	8.43E-03	0.012468	3.82E-03	2.64E-05	1.62E-02	2.00E-02
1664	494611.06	3858851.99	0.25214	0.29827	0.27744	3.87E-03	2.17E-05	7.44E-03	0.011332	3.95E-03	2.14E-05	8.28E-03	0.012251	3.76E-03	2.71E-05	1.59E-02	1.97E-02
1665	494661.06	3858851.99	0.24849	0.28947	0.26932	3.81E-03	2.11E-05	7.22E-03	0.011057	3.90E-03	2.07E-05	8.03E-03	0.011951	3.70E-03	2.63E-05	1.54E-02	1.92E-02
1666	494711.06	3858851.99	0.24291	0.27656	0.25812	3.73E-03	2.01E-05	6.92E-03	0.010671	3.81E-03	1.98E-05	7.70E-03	0.011529	3.62E-03	2.52E-05	1.48E-02	1.84E-02
1667	494761.06	3858851.99	0.23141	0.27052	0.24743	3.55E-03	1.97E-05	6.64E-03	0.010207	3.63E-03	1.94E-05	7.38E-03	0.011029	3.45E-03	2.46E-05	1.42E-02	1.76E-02
1668	494811.06	3858851.99	0.22445	0.26551	0.23885	3.44E-03	1.93E-05	6.41E-03	0.00987	3.52E-03	1.90E-05	7.13E-03	0.010664	3.34E-03	2.42E-05	1.37E-02	1.71E-02
1669	494861.06	3858851.99	0.22104	0.26293	0.2335	3.39E-03	1.91E-05	6.26E-03	0.009674	3.47E-03	1.88E-05	6.97E-03	0.01045	3.29E-03	2.39E-05	1.34E-02	1.67E-02
1670	494911.06	3858851.99	0.21596	0.2565	0.2254	3.31E-03	1.87E-05	6.05E-03	0.009378	3.39E-03	1.84E-05	6.72E-03	0.010129	3.22E-03	2.33E-05	1.29E-02	1.62E-02
1671	494961.06	3858851.99	0.2114	0.25031	0.21776	3.24E-03	1.82E-05	5.84E-03	0.009103	3.31E-03	1.79E-05	6.50E-03	0.009829	3.15E-03	2.28E-05	1.25E-02	1.56E-02
1672	495011.06	3858851.99	0.2048	0.24483	0.2129	3.14E-03	1.78E-05	5.71E-03	0.008871	3.21E-03	1.75E-05	6.35E-03	0.00958	3.05E-03	2.23E-05	1.22E-02	1.53E-02
1673	495061.06	3858851.99	0.19717	0.23705	0.20743	3.03E-03	1.73E-05	5.56E-03	0.008606	3.09E-03	1.70E-05	6.19E-03	0.009297	2.94E-03	2.16E-05	1.19E-02	1.48E-02
1674	495111.06	3858851.99	0.19228	0.22187	0.19603	2.95E-03	1.62E-05	5.26E-03	0.008224	3.01E-03	1.59E-05	5.85E-03	0.008879	2.86E-03	2.02E-05	1.12E-02	1.41E-02
1675	495161.06	3858851.99	0.18977	0.21187	0.19103	2.91E-03	1.54E-05	5.12E-03	0.008051	2.98E-03	1.52E-05	5.70E-03	0.008689	2.83E-03	1.93E-05	1.09E-02	1.38E-02
1676	495211.06	3858851.99	0.18938	0.21168	0.19339	2.91E-03	1.54E-05	5.19E-03	0.008108	2.97E-03	1.52E-05	5.77E-03	0.008754	2.82E-03	1.93E-05	1.11E-02	1.39E-02
1677	495261.06	3858851.99	0.18836	0.20714	0.19243	2.89E-03	1.51E-05	5.16E-03	0.008067	2.95E-03	1.48E-05	5.74E-03	0.008709	2.81E-03	1.88E-05	1.10E-02	1.38E-02
1678	495311.06	3858851.99	0.18747	0.20343	0.19232	2.88E-03	1.48E-05	5.16E-03	0.00805	2.94E-03	1.46E-05	5.74E-03	0.008691	2.79E-03	1.85E-05	1.10E-02	1.38E-02
1679	495361.06	3858851.99	0.18563	0.19808	0.19156	2.85E-03	1.44E-05	5.14E-03	0.008001	2.91E-03	1.42E-05	5.71E-03	0.008639	2.77E-03	1.80E-05	1.10E-02	1.38E-02
1680	495411.06	3858851.99	0.18371	0.19225	0.19077	2.82E-03	1.40E-05	5.12E-03	0.00795	2.88E-03	1.38E-05	5.69E-03	0.008585	2.74E-03	1.75E-05	1.09E-02	1.37E-02
1681	495461.06	3858851.99	0.182	0.1922	0.19	2.79E-03	1.40E-05	5.10E-03	0.007903	2.85E-03	1.38E-05	5.67E-03	0.008536	2.71E-03	1.75E-05	1.09E-02	1.36E-02
1682	495511.06	3858851.99	0.17936	0.19766	0.18879	2.75E-03	1.44E-05	5.06E-03	0.00783	2.81E-03	1.42E-05	5.63E-03	0.008458	2.67E-03	1.80E-05	1.08E-02	1.35E-02
1683	495561.06	3858851.99	0.17676	0.20068	0.18487	2.71E-03	1.46E-05	4.96E-03	0.007685	2.77E-03	1.44E-05	5.52E-03	0.008301	2.63E-03	1.83E-05	1.06E-02	1.32E-02
1684	495611.06	3858851.99	0.17437	0.20348	0.18185	2.68E-03	1.48E-05	4.88E-03	0.007568	2.73E-03	1.46E-05	5.43E-03	0.008174	2.60E-03	1.85E-05	1.04E-02	1.30E-02
1685	495661.06	3858851.99	0.17483	0.2004	0.18217	2.68E-03	1.46E-05	4.89E-03	0.007583	2.74E-03	1.44E-05	5.43E-03	0.00819	2.60E-03	1.82E-05	1.04E-02	1.31E-02
1686	494311.06	3858901.99	0.26662	0.27325	0.28501	4.09E-03	1.99E-05	7.64E-03	0.011755	4.18E-03	1.96E-05	8.50E-03	0.012702	3.97E-03	2.49E-05	1.63E-02	2.03E-02
1687	494361.06	3858901.99	0.27359	0.28427	0.29674	4.20E-03	2.07E-05	7.96E-03	0.012178	4.29E-03	2.04E-05	8.85E-03	0.013162	4.08E-03	2.59E-05	1.70E-02	2.11E-02
1688	494411.06	3858901.99	0.27328	0.28202	0.29867	4.19E-03	2.05E-05	8.01E-03	0.012225	4.28E-03	2.02E-05	8.91E-03	0.013215	4.07E-03	2.57E-05	1.71E-02	2.12E-02

1689	494461.06	3858901.99	0.27816	0.29276	0.2991	4.27E-03	2.13E-05	8.02E-03	0.012312	4.36E-03	2.10E-05	8.92E-03	0.013305	4.14E-03	2.66E-05	1.71E-02	2.13E-02
1690	494511.06	3858901.99	0.27874	0.30068	0.29762	4.28E-03	2.19E-05	7.98E-03	0.012282	4.37E-03	2.15E-05	8.88E-03	0.013271	4.15E-03	2.74E-05	1.70E-02	2.12E-02
1691	494561.06	3858901.99	0.27177	0.29845	0.29251	4.17E-03	2.17E-05	7.85E-03	0.012037	4.26E-03	2.14E-05	8.73E-03	0.013009	4.05E-03	2.71E-05	1.68E-02	2.08E-02
1692	494611.06	3858901.99	0.26065	0.28459	0.28406	4.00E-03	2.07E-05	7.62E-03	0.011639	4.09E-03	2.04E-05	8.47E-03	0.012581	3.88E-03	2.59E-05	1.63E-02	2.02E-02
1693	494661.06	3858901.99	0.25599	0.28787	0.27933	3.93E-03	2.10E-05	7.49E-03	0.011441	4.01E-03	2.06E-05	8.33E-03	0.012367	3.81E-03	2.62E-05	1.60E-02	1.98E-02
1694	494711.06	3858901.99	0.24409	0.27803	0.27171	3.75E-03	2.02E-05	7.29E-03	0.011053	3.83E-03	1.99E-05	8.11E-03	0.011953	3.64E-03	2.53E-05	1.56E-02	1.92E-02
1695	494761.06	3858901.99	0.23691	0.27232	0.2571	3.64E-03	1.98E-05	6.90E-03	0.010551	3.71E-03	1.95E-05	7.67E-03	0.011404	3.53E-03	2.48E-05	1.47E-02	1.83E-02
1696	494811.06	3858901.99	0.23379	0.26562	0.24984	3.59E-03	1.93E-05	6.70E-03	0.010308	3.67E-03	1.90E-05	7.45E-03	0.011138	3.48E-03	2.42E-05	1.43E-02	1.78E-02
1697	494861.06	3858901.99	0.23171	0.26494	0.24497	3.56E-03	1.93E-05	6.57E-03	0.010145	3.63E-03	1.90E-05	7.31E-03	0.01096	3.45E-03	2.41E-05	1.40E-02	1.75E-02
1698	494911.06	3858901.99	0.2207	0.25788	0.23338	3.39E-03	1.88E-05	6.26E-03	0.009665	3.46E-03	1.85E-05	6.96E-03	0.010441	3.29E-03	2.35E-05	1.34E-02	1.67E-02
1699	494961.06	3858901.99	0.21693	0.25592	0.22754	3.33E-03	1.86E-05	6.10E-03	0.00945	3.40E-03	1.83E-05	6.79E-03	0.010208	3.23E-03	2.33E-05	1.30E-02	1.63E-02
1700	495011.06	3858901.99	0.21322	0.25308	0.22188	3.27E-03	1.84E-05	5.95E-03	0.009241	3.34E-03	1.81E-05	6.62E-03	0.00998	3.18E-03	2.30E-05	1.27E-02	1.59E-02
1701	495061.06	3858901.99	0.20631	0.24587	0.21349	3.17E-03	1.79E-05	5.73E-03	0.00891	3.23E-03	1.76E-05	6.37E-03	0.009621	3.07E-03	2.24E-05	1.22E-02	1.53E-02
1702	495111.06	3858901.99	0.19505	0.23311	0.2015	2.99E-03	1.70E-05	5.40E-03	0.008414	3.06E-03	1.67E-05	6.01E-03	0.009086	2.91E-03	2.12E-05	1.15E-02	1.45E-02
1703	495161.06	3858901.99	0.19341	0.23017	0.19841	2.97E-03	1.68E-05	5.32E-03	0.008306	3.03E-03	1.65E-05	5.92E-03	0.008968	2.88E-03	2.09E-05	1.14E-02	1.43E-02
1704	495211.06	3858901.99	0.19363	0.23371	0.2009	2.97E-03	1.70E-05	5.39E-03	0.008377	3.04E-03	1.67E-05	5.99E-03	0.009046	2.88E-03	2.13E-05	1.15E-02	1.44E-02
1705	495261.06	3858901.99	0.19287	0.23253	0.20126	2.96E-03	1.69E-05	5.40E-03	0.008374	3.02E-03	1.67E-05	6.00E-03	0.009045	2.87E-03	2.12E-05	1.15E-02	1.44E-02
1706	495311.06	3858901.99	0.19179	0.22822	0.20018	2.94E-03	1.66E-05	5.37E-03	0.008329	3.01E-03	1.64E-05	5.97E-03	0.008995	2.86E-03	2.08E-05	1.15E-02	1.43E-02
1707	495361.06	3858901.99	0.19083	0.22361	0.19854	2.93E-03	1.63E-05	5.32E-03	0.00827	2.99E-03	1.60E-05	5.92E-03	0.008931	2.84E-03	2.03E-05	1.14E-02	1.42E-02
1708	495411.06	3858901.99	0.19038	0.22113	0.19896	2.92E-03	1.61E-05	5.34E-03	0.008274	2.98E-03	1.58E-05	5.94E-03	0.008936	2.84E-03	2.01E-05	1.14E-02	1.43E-02
1709	495461.06	3858901.99	0.1891	0.2174	0.19612	2.90E-03	1.58E-05	5.26E-03	0.008178	2.96E-03	1.56E-05	5.85E-03	0.008831	2.82E-03	1.98E-05	1.12E-02	1.41E-02
1710	495511.06	3858901.99	0.18735	0.20887	0.19338	2.87E-03	1.52E-05	5.19E-03	0.008077	2.94E-03	1.50E-05	5.77E-03	0.008721	2.79E-03	1.90E-05	1.11E-02	1.39E-02
1711	495561.06	3858901.99	0.18523	0.20092	0.19158	2.84E-03	1.46E-05	5.14E-03	0.007995	2.90E-03	1.44E-05	5.72E-03	0.008634	2.76E-03	1.83E-05	1.10E-02	1.38E-02
1712	495611.06	3858901.99	0.18051	0.19114	0.18921	2.77E-03	1.39E-05	5.07E-03	0.007859	2.83E-03	1.37E-05	5.64E-03	0.008489	2.69E-03	1.74E-05	1.08E-02	1.35E-02
1713	495661.06	3858901.99	0.18034	0.19602	0.18957	2.77E-03	1.43E-05	5.08E-03	0.007866	2.83E-03	1.40E-05	5.66E-03	0.008497	2.69E-03	1.78E-05	1.09E-02	1.36E-02
1714	494311.06	3858951.99	0.28444	0.31614	0.30889	4.36E-03	2.30E-05	8.28E-03	0.012672	4.46E-03	2.27E-05	9.21E-03	0.013697	4.24E-03	2.88E-05	1.77E-02	2.20E-02
1715	494361.06	3858951.99	0.29393	0.31417	0.31382	4.51E-03	2.29E-05	8.42E-03	0.01295	4.61E-03	2.25E-05	9.36E-03	0.013993	4.38E-03	2.86E-05	1.80E-02	2.24E-02
1716	494411.06	3858951.99	0.29002	0.30229	0.30964	4.45E-03	2.20E-05	8.30E-03	0.012777	4.55E-03	2.17E-05	9.24E-03	0.013806	4.32E-03	2.75E-05	1.77E-02	2.21E-02
1717	494461.06	3858951.99	0.29839	0.31448	0.30975	4.58E-03	2.29E-05	8.31E-03	0.012909	4.68E-03	2.25E-05	9.24E-03	0.013942	4.45E-03	2.86E-05	1.77E-02	2.22E-02
1718	494511.06	3858951.99	0.29585	0.31535	0.30649	4.54E-03	2.30E-05	8.22E-03	0.012783	4.64E-03	2.26E-05	9.14E-03	0.013805	4.41E-03	2.87E-05	1.76E-02	2.20E-02
1719	494561.06	3858951.99	0.28905	0.31119	0.30129	4.44E-03	2.27E-05	8.08E-03	0.012539	4.53E-03	2.23E-05	8.99E-03	0.013543	4.31E-03	2.83E-05	1.73E-02	2.16E-02
1720	494611.06	3858951.99	0.27756	0.29503	0.29395	4.26E-03	2.15E-05	7.88E-03	0.012165	4.35E-03	2.11E-05	8.77E-03	0.013142	4.13E-03	2.68E-05	1.68E-02	2.10E-02
1721	494661.06	3858951.99	0.2672	0.29026	0.28722	4.10E-03	2.11E-05	7.70E-03	0.011825	4.19E-03	2.08E-05	8.57E-03	0.012779	3.98E-03	2.64E-05	1.65E-02	2.05E-02
1722	494711.06	3858951.99	0.25448	0.26799	0.27611	3.91E-03	1.95E-05	7.41E-03	0.01133	3.99E-03	1.92E-05	8.24E-03	0.012246	3.79E-03	2.44E-05	1.58E-02	1.96E-02
1723	494761.06	3858951.99	0.24809	0.26577	0.26864	3.81E-03	1.93E-05	7.21E-03	0.011031	3.89E-03	1.90E-05	8.01E-03	0.011923	3.70E-03	2.42E-05	1.54E-02	1.91E-02
1724	494811.06	3858951.99	0.24054	0.26941	0.2654	3.69E-03	1.96E-05	7.12E-03	0.010829	3.77E-03	1.93E-05	7.92E-03	0.011708	3.58E-03	2.45E-05	1.52E-02	1.88E-02
1725	494861.06	3858951.99	0.23505	0.26623	0.2598	3.61E-03	1.94E-05	6.97E-03	0.010594	3.69E-03	1.91E-05	7.75E-03	0.011455	3.50E-03	2.42E-05	1.49E-02	1.84E-02
1726	494911.06	3858951.99	0.22946	0.26029	0.24796	3.52E-03	1.89E-05	6.65E-03	0.01019	3.60E-03	1.87E-05	7.40E-03	0.011014	3.42E-03	2.37E-05	1.42E-02	1.76E-02
1727	494961.06	3858951.99	0.22691	0.25972	0.24301	3.48E-03	1.89E-05	6.52E-03	0.010019	3.56E-03	1.86E-05	7.25E-03	0.010826	3.38E-03	2.36E-05	1.39E-02	1.73E-02
1728	495011.06	3858951.99	0.21788	0.249	0.22899	3.34E-03	1.81E-05	6.14E-03	0.009503	3.42E-03	1.78E-05	6.83E-03	0.010265	3.25E-03	2.26E-05	1.31E-02	1.64E-02
1729	495061.06	3858951.99	0.20936	0.24033	0.21623	3.21E-03	1.75E-05	5.80E-03	0.00903	3.28E-03	1.72E-05	6.45E-03	0.00975	3.12E-03	2.19E-05	1.24E-02	1.55E-02
1730	495111.06	3858951.99	0.20143	0.2341	0.20694	3.09E-03	1.70E-05	5.55E-03	0.008658	3.16E-03	1.68E-05	6.17E-03	0.009349	3.00E-03	2.13E-05	1.19E-02	1.49E-02
1731	495161.06	3858951.99	0.2059	0.24351	0.21177	3.16E-03	1.77E-05	5.68E-03	0.008857	3.23E-03	1.74E-05	6.32E-03	0.009563	3.07E-03	2.22E-05	1.21E-02	1.52E-02
1732	495211.06	3858951.99	0.20485	0.24633	0.21165	3.14E-03	1.79E-05	5.68E-03	0.008838	3.21E-03	1.77E-05	6.31E-03	0.009544	3.05E-03	2.24E-05	1.21E-02	1.52E-02
1733	495261.06	3858951.99	0.20371	0.24812	0.21133	3.13E-03	1.81E-05	5.67E-03	0.008812	3.19E-03	1.78E-05	6.30E-03	0.009516	3.03E-03	2.26E-05	1.21E-02	1.52E-02
1734	495311.06	3858951.99	0.19807	0.24419	0.2069	3.04E-03	1.78E-05	5.55E-03	0.008606	3.11E-03	1.75E-05	6.17E-03	0.009295	2.95E-03	2.22E-05	1.19E-02	1.48E-02
1735	495361.06	3858951.99	0.19771	0.24494	0.20818	3.03E-03	1.78E-05	5.58E-03	0.008635	3.10E-03	1.76E-05	6.21E-03	0.009328	2.95E-03	2.23E-05	1.19E-02	1.49E-02

1736	495411.06	3858951.99	0.19868	0.24568	0.21175	3.05E-03	1.79E-05	5.68E-03	0.008746	3.12E-03	1.76E-05	6.32E-03	0.00945	2.96E-03	2.23E-05	1.21E-02	1.51E-02
1737	495461.06	3858951.99	0.1976	0.24227	0.21038	3.03E-03	1.76E-05	5.64E-03	0.008692	3.10E-03	1.74E-05	6.28E-03	0.009392	2.94E-03	2.20E-05	1.21E-02	1.50E-02
1738	495511.06	3858951.99	0.19832	0.23909	0.20985	3.04E-03	1.74E-05	5.63E-03	0.008689	3.11E-03	1.71E-05	6.26E-03	0.009387	2.95E-03	2.17E-05	1.20E-02	1.50E-02
1739	495561.06	3858951.99	0.19144	0.22549	0.20138	2.94E-03	1.64E-05	5.40E-03	0.008355	3.00E-03	1.62E-05	6.01E-03	0.009025	2.85E-03	2.05E-05	1.15E-02	1.44E-02
1740	495611.06	3858951.99	0.18825	0.21691	0.19849	2.89E-03	1.58E-05	5.32E-03	0.008228	2.95E-03	1.55E-05	5.92E-03	0.008889	2.80E-03	1.97E-05	1.14E-02	1.42E-02
1741	495661.06	3858951.99	0.18893	0.21814	0.2	2.90E-03	1.59E-05	5.36E-03	0.008279	2.96E-03	1.56E-05	5.97E-03	0.008944	2.81E-03	1.98E-05	1.15E-02	1.43E-02
1742	494311.06	3859001.99	0.31371	0.37275	0.32857	4.81E-03	2.71E-05	8.81E-03	0.013653	4.92E-03	2.67E-05	9.80E-03	0.014747	4.67E-03	3.39E-05	1.88E-02	2.35E-02
1743	494361.06	3859001.99	0.31525	0.36445	0.32969	4.84E-03	2.65E-05	8.84E-03	0.013707	4.94E-03	2.61E-05	9.84E-03	0.014804	4.70E-03	3.32E-05	1.89E-02	2.36E-02
1744	494411.06	3859001.99	0.31995	0.35885	0.33021	4.91E-03	2.61E-05	8.86E-03	0.013792	5.02E-03	2.57E-05	9.85E-03	0.014893	4.77E-03	3.26E-05	1.89E-02	2.37E-02
1745	494461.06	3859001.99	0.31815	0.35044	0.32785	4.88E-03	2.55E-05	8.79E-03	0.013701	4.99E-03	2.51E-05	9.78E-03	0.014794	4.74E-03	3.19E-05	1.88E-02	2.36E-02
1746	494511.06	3859001.99	0.31601	0.34068	0.32536	4.85E-03	2.48E-05	8.73E-03	0.0136	4.95E-03	2.44E-05	9.71E-03	0.014685	4.71E-03	3.10E-05	1.86E-02	2.34E-02
1747	494561.06	3859001.99	0.30486	0.319	0.31619	4.68E-03	2.32E-05	8.48E-03	0.013182	4.78E-03	2.29E-05	9.43E-03	0.014235	4.54E-03	2.90E-05	1.81E-02	2.27E-02
1748	494611.06	3859001.99	0.29482	0.31089	0.30593	4.52E-03	2.26E-05	8.21E-03	0.012752	4.62E-03	2.23E-05	9.13E-03	0.013771	4.39E-03	2.83E-05	1.75E-02	2.19E-02
1749	494661.06	3859001.99	0.28186	0.30323	0.29438	4.33E-03	2.21E-05	7.90E-03	0.012243	4.42E-03	2.17E-05	8.78E-03	0.013223	4.20E-03	2.76E-05	1.69E-02	2.11E-02
1750	494711.06	3859001.99	0.26631	0.2927	0.28498	4.09E-03	2.13E-05	7.64E-03	0.011751	4.18E-03	2.10E-05	8.50E-03	0.012698	3.97E-03	2.66E-05	1.63E-02	2.03E-02
1751	494761.06	3859001.99	0.25795	0.27604	0.27803	3.96E-03	2.01E-05	7.46E-03	0.011435	4.04E-03	1.98E-05	8.29E-03	0.012358	3.84E-03	2.51E-05	1.59E-02	1.98E-02
1752	494811.06	3859001.99	0.25379	0.27034	0.27435	3.89E-03	1.97E-05	7.36E-03	0.011272	3.98E-03	1.94E-05	8.18E-03	0.012183	3.78E-03	2.46E-05	1.57E-02	1.95E-02
1753	494861.06	3859001.99	0.24665	0.26192	0.26668	3.78E-03	1.91E-05	7.15E-03	0.010956	3.87E-03	1.88E-05	7.96E-03	0.011842	3.67E-03	2.38E-05	1.53E-02	1.90E-02
1754	494911.06	3859001.99	0.24058	0.25637	0.25849	3.69E-03	1.87E-05	6.93E-03	0.010643	3.77E-03	1.84E-05	7.71E-03	0.011502	3.58E-03	2.33E-05	1.48E-02	1.84E-02
1755	494961.06	3859001.99	0.23157	0.25833	0.25394	3.55E-03	1.88E-05	6.81E-03	0.010383	3.63E-03	1.85E-05	7.58E-03	0.011225	3.45E-03	2.35E-05	1.45E-02	1.80E-02
1756	495011.06	3859001.99	0.21647	0.23184	0.22713	3.32E-03	1.69E-05	6.09E-03	0.00943	3.39E-03	1.66E-05	6.78E-03	0.010186	3.22E-03	2.11E-05	1.30E-02	1.63E-02
1757	495061.06	3859001.99	0.21404	0.23214	0.22314	3.28E-03	1.69E-05	5.98E-03	0.009286	3.36E-03	1.66E-05	6.66E-03	0.010029	3.19E-03	2.11E-05	1.28E-02	1.60E-02
1758	495111.06	3859001.99	0.20692	0.22696	0.21423	3.18E-03	1.65E-05	5.75E-03	0.008937	3.24E-03	1.63E-05	6.39E-03	0.009652	3.08E-03	2.06E-05	1.23E-02	1.54E-02
1759	495161.06	3859001.99	0.2136	0.24194	0.22235	3.28E-03	1.76E-05	5.96E-03	0.009259	3.35E-03	1.73E-05	6.63E-03	0.01	3.18E-03	2.20E-05	1.27E-02	1.59E-02
1760	495211.06	3859001.99	0.21258	0.246	0.22092	3.26E-03	1.79E-05	5.93E-03	0.009205	3.33E-03	1.76E-05	6.59E-03	0.009941	3.17E-03	2.24E-05	1.27E-02	1.58E-02
1761	495261.06	3859001.99	0.21298	0.25133	0.22126	3.27E-03	1.83E-05	5.93E-03	0.009221	3.34E-03	1.80E-05	6.60E-03	0.009958	3.17E-03	2.29E-05	1.27E-02	1.59E-02
1762	495311.06	3859001.99	0.21169	0.25322	0.21919	3.25E-03	1.84E-05	5.88E-03	0.009146	3.32E-03	1.81E-05	6.54E-03	0.009876	3.15E-03	2.30E-05	1.26E-02	1.57E-02
1763	495361.06	3859001.99	0.21242	0.25655	0.21911	3.26E-03	1.87E-05	5.88E-03	0.009155	3.33E-03	1.84E-05	6.54E-03	0.009886	3.16E-03	2.33E-05	1.26E-02	1.57E-02
1764	495411.06	3859001.99	0.21191	0.25777	0.2186	3.25E-03	1.88E-05	5.86E-03	0.009134	3.32E-03	1.85E-05	6.52E-03	0.009862	3.16E-03	2.34E-05	1.25E-02	1.57E-02
1765	495461.06	3859001.99	0.21058	0.25871	0.22036	3.23E-03	1.88E-05	5.91E-03	0.00916	3.30E-03	1.85E-05	6.57E-03	0.009894	3.14E-03	2.35E-05	1.26E-02	1.58E-02
1766	495511.06	3859001.99	0.20668	0.2535	0.21604	3.17E-03	1.85E-05	5.79E-03	0.008984	3.24E-03	1.82E-05	6.44E-03	0.009704	3.08E-03	2.31E-05	1.24E-02	1.55E-02
1767	495561.06	3859001.99	0.20424	0.25011	0.21485	3.13E-03	1.82E-05	5.76E-03	0.008915	3.20E-03	1.79E-05	6.41E-03	0.00963	3.04E-03	2.28E-05	1.23E-02	1.54E-02
1768	495611.06	3859001.99	0.20133	0.24454	0.21121	3.09E-03	1.78E-05	5.66E-03	0.008772	3.16E-03	1.75E-05	6.30E-03	0.009475	3.00E-03	2.22E-05	1.21E-02	1.51E-02
1769	495661.06	3859001.99	0.20443	0.24561	0.21402	3.14E-03	1.79E-05	5.74E-03	0.008895	3.21E-03	1.76E-05	6.38E-03	0.009608	3.05E-03	2.23E-05	1.23E-02	1.53E-02
1770	494311.06	3859051.99	0.33473	0.42065	0.34724	5.14E-03	3.06E-05	9.31E-03	0.01448	5.25E-03	3.01E-05	1.04E-02	0.015637	4.99E-03	3.83E-05	1.99E-02	2.49E-02
1771	494361.06	3859051.99	0.33691	0.41446	0.34904	5.17E-03	3.02E-05	9.36E-03	0.014562	5.28E-03	2.97E-05	1.04E-02	0.015725	5.02E-03	3.77E-05	2.00E-02	2.51E-02
1772	494411.06	3859051.99	0.33346	0.39943	0.34472	5.12E-03	2.91E-05	9.25E-03	0.014392	5.23E-03	2.86E-05	1.03E-02	0.015541	4.97E-03	3.63E-05	1.97E-02	2.48E-02
1773	494461.06	3859051.99	0.32901	0.38852	0.33923	5.05E-03	2.83E-05	9.10E-03	0.014175	5.16E-03	2.78E-05	1.01E-02	0.015306	4.90E-03	3.53E-05	1.94E-02	2.44E-02
1774	494511.06	3859051.99	0.3228	0.37057	0.33177	4.95E-03	2.70E-05	8.90E-03	0.013879	5.06E-03	2.66E-05	9.90E-03	0.014985	4.81E-03	3.37E-05	1.90E-02	2.38E-02
1775	494561.06	3859051.99	0.31782	0.35903	0.32575	4.88E-03	2.61E-05	8.74E-03	0.01364	4.98E-03	2.57E-05	9.72E-03	0.014727	4.73E-03	3.27E-05	1.87E-02	2.34E-02
1776	494611.06	3859051.99	0.30963	0.33916	0.31699	4.75E-03	2.47E-05	8.50E-03	0.013278	4.85E-03	2.43E-05	9.46E-03	0.014336	4.61E-03	3.09E-05	1.82E-02	2.28E-02
1777	494661.06	3859051.99	0.29796	0.31708	0.30746	4.57E-03	2.31E-05	8.25E-03	0.012842	4.67E-03	2.27E-05	9.17E-03	0.013867	4.44E-03	2.88E-05	1.76E-02	2.21E-02
1778	494711.06	3859051.99	0.28733	0.30554	0.29874	4.41E-03	2.22E-05	8.01E-03	0.012444	4.51E-03	2.19E-05	8.91E-03	0.013439	4.28E-03	2.78E-05	1.71E-02	2.14E-02
1779	494761.06	3859051.99	0.27622	0.29664	0.28796	4.24E-03	2.16E-05	7.72E-03	0.011983	4.33E-03	2.13E-05	8.59E-03	0.012943	4.11E-03	2.70E-05	1.65E-02	2.06E-02
1780	494811.06	3859051.99	0.26912	0.29202	0.28279	4.13E-03	2.13E-05	7.58E-03	0.011736	4.22E-03	2.09E-05	8.44E-03	0.012677	4.01E-03	2.66E-05	1.62E-02	2.02E-02
1781	494861.06	3859051.99	0.26173	0.2843	0.27748	4.02E-03	2.07E-05	7.44E-03	0.011479	4.10E-03	2.04E-05	8.28E-03	0.012402	3.90E-03	2.59E-05	1.59E-02	1.98E-02
1782	494911.06	3859051.99	0.24895	0.27417	0.26724	3.82E-03	2.00E-05	7.17E-03	0.011008	3.90E-03	1.96E-05	7.97E-03	0.011895	3.71E-03	2.49E-05	1.53E-02	1.90E-02

1783	494961.06	3859051.99	0.23644	0.25203	0.25167	3.63E-03	1.83E-05	6.75E-03	0.010396	3.71E-03	1.81E-05	7.51E-03	0.011233	3.52E-03	2.29E-05	1.44E-02	1.80E-02
1784	495011.06	3859051.99	0.22662	0.23953	0.24328	3.48E-03	1.74E-05	6.52E-03	0.01002	3.55E-03	1.72E-05	7.26E-03	0.010828	3.38E-03	2.18E-05	1.39E-02	1.73E-02
1785	495061.06	3859051.99	0.22099	0.23448	0.23875	3.39E-03	1.71E-05	6.40E-03	0.009812	3.46E-03	1.68E-05	7.12E-03	0.010604	3.29E-03	2.13E-05	1.37E-02	1.70E-02
1786	495111.06	3859051.99	0.2189	0.23558	0.23371	3.36E-03	1.71E-05	6.27E-03	0.009644	3.43E-03	1.69E-05	6.97E-03	0.010421	3.26E-03	2.14E-05	1.34E-02	1.67E-02
1787	495161.06	3859051.99	0.22187	0.24672	0.23775	3.40E-03	1.80E-05	6.38E-03	0.009799	3.48E-03	1.77E-05	7.09E-03	0.010589	3.31E-03	2.24E-05	1.36E-02	1.69E-02
1788	495211.06	3859051.99	0.21913	0.24475	0.23162	3.36E-03	1.78E-05	6.21E-03	0.009593	3.44E-03	1.75E-05	6.91E-03	0.010363	3.26E-03	2.23E-05	1.33E-02	1.66E-02
1789	495261.06	3859051.99	0.22062	0.25287	0.23314	3.39E-03	1.84E-05	6.25E-03	0.009657	3.46E-03	1.81E-05	6.96E-03	0.010432	3.29E-03	2.30E-05	1.34E-02	1.67E-02
1790	495311.06	3859051.99	0.21892	0.25269	0.23012	3.36E-03	1.84E-05	6.17E-03	0.00955	3.43E-03	1.81E-05	6.87E-03	0.010316	3.26E-03	2.30E-05	1.32E-02	1.65E-02
1791	495361.06	3859051.99	0.21847	0.25528	0.22933	3.35E-03	1.86E-05	6.15E-03	0.009522	3.43E-03	1.83E-05	6.84E-03	0.010285	3.25E-03	2.32E-05	1.31E-02	1.64E-02
1792	495411.06	3859051.99	0.21884	0.26029	0.22975	3.36E-03	1.89E-05	6.16E-03	0.009539	3.43E-03	1.87E-05	6.85E-03	0.010304	3.26E-03	2.37E-05	1.32E-02	1.64E-02
1793	495461.06	3859051.99	0.21903	0.26508	0.23069	3.36E-03	1.93E-05	6.19E-03	0.009568	3.43E-03	1.90E-05	6.88E-03	0.010335	3.26E-03	2.41E-05	1.32E-02	1.65E-02
1794	495511.06	3859051.99	0.21534	0.26258	0.22578	3.30E-03	1.91E-05	6.06E-03	0.009379	3.38E-03	1.88E-05	6.74E-03	0.010131	3.21E-03	2.39E-05	1.29E-02	1.62E-02
1795	495561.06	3859051.99	0.21261	0.26077	0.22293	3.26E-03	1.90E-05	5.98E-03	0.009261	3.33E-03	1.87E-05	6.65E-03	0.010003	3.17E-03	2.37E-05	1.28E-02	1.60E-02
1796	495611.06	3859051.99	0.21018	0.25871	0.22085	3.23E-03	1.88E-05	5.92E-03	0.009167	3.30E-03	1.85E-05	6.59E-03	0.009902	3.13E-03	2.35E-05	1.27E-02	1.58E-02
1797	495661.06	3859051.99	0.21157	0.26211	0.22635	3.25E-03	1.91E-05	6.07E-03	0.009336	3.32E-03	1.88E-05	6.75E-03	0.010089	3.15E-03	2.38E-05	1.30E-02	1.61E-02
1798	494311.06	3859101.99	0.34853	0.45967	0.36648	5.35E-03	3.35E-05	9.83E-03	0.015211	5.46E-03	3.29E-05	1.09E-02	0.016431	5.19E-03	4.18E-05	2.10E-02	2.62E-02
1799	494361.06	3859101.99	0.34692	0.45203	0.36247	5.32E-03	3.29E-05	9.72E-03	0.015078	5.44E-03	3.24E-05	1.08E-02	0.016285	5.17E-03	4.11E-05	2.08E-02	2.60E-02
1800	494411.06	3859101.99	0.3462	0.44855	0.35965	5.31E-03	3.27E-05	9.65E-03	0.014991	5.43E-03	3.21E-05	1.07E-02	0.016189	5.16E-03	4.08E-05	2.06E-02	2.58E-02
1801	494461.06	3859101.99	0.34117	0.43538	0.35355	5.24E-03	3.17E-05	9.48E-03	0.014749	5.35E-03	3.12E-05	1.05E-02	0.015928	5.08E-03	3.96E-05	2.03E-02	2.54E-02
1802	494511.06	3859101.99	0.33316	0.40816	0.34421	5.11E-03	2.97E-05	9.23E-03	0.014374	5.22E-03	2.92E-05	1.03E-02	0.015521	4.96E-03	3.71E-05	1.97E-02	2.47E-02
1803	494561.06	3859101.99	0.32728	0.39572	0.33715	5.02E-03	2.88E-05	9.04E-03	0.014094	5.13E-03	2.84E-05	1.01E-02	0.015218	4.88E-03	3.60E-05	1.93E-02	2.42E-02
1804	494611.06	3859101.99	0.31732	0.37121	0.32544	4.87E-03	2.70E-05	8.73E-03	0.013625	4.98E-03	2.66E-05	9.71E-03	0.014711	4.73E-03	3.38E-05	1.86E-02	2.34E-02
1805	494661.06	3859101.99	0.31174	0.35774	0.31876	4.78E-03	2.60E-05	8.55E-03	0.013359	4.89E-03	2.56E-05	9.51E-03	0.014423	4.64E-03	3.25E-05	1.83E-02	2.29E-02
1806	494711.06	3859101.99	0.29876	0.33231	0.30562	4.58E-03	2.42E-05	8.20E-03	0.012806	4.68E-03	2.38E-05	9.12E-03	0.013825	4.45E-03	3.02E-05	1.75E-02	2.20E-02
1807	494761.06	3859101.99	0.29681	0.32272	0.30325	4.55E-03	2.35E-05	8.13E-03	0.012711	4.65E-03	2.31E-05	9.05E-03	0.013723	4.42E-03	2.94E-05	1.74E-02	2.18E-02
1808	494811.06	3859101.99	0.28709	0.30965	0.29523	4.41E-03	2.25E-05	7.92E-03	0.012346	4.50E-03	2.22E-05	8.81E-03	0.013331	4.28E-03	2.82E-05	1.69E-02	2.12E-02
1809	494861.06	3859101.99	0.2788	0.30301	0.28828	4.28E-03	2.21E-05	7.73E-03	0.012032	4.37E-03	2.17E-05	8.60E-03	0.012993	4.15E-03	2.76E-05	1.65E-02	2.07E-02
1810	494911.06	3859101.99	0.26529	0.28798	0.27727	4.07E-03	2.10E-05	7.44E-03	0.011528	4.16E-03	2.06E-05	8.27E-03	0.012452	3.95E-03	2.62E-05	1.59E-02	1.99E-02
1811	494961.06	3859101.99	0.2437	0.26803	0.26059	3.74E-03	1.95E-05	6.99E-03	0.010748	3.82E-03	1.92E-05	7.77E-03	0.011614	3.63E-03	2.44E-05	1.49E-02	1.86E-02
1812	495011.06	3859101.99	0.2308	0.25105	0.24322	3.54E-03	1.83E-05	6.52E-03	0.010083	3.62E-03	1.80E-05	7.26E-03	0.010893	3.44E-03	2.28E-05	1.39E-02	1.74E-02
1813	495061.06	3859101.99	0.23059	0.25815	0.24454	3.54E-03	1.88E-05	6.56E-03	0.010116	3.62E-03	1.85E-05	7.30E-03	0.010929	3.44E-03	2.35E-05	1.40E-02	1.75E-02
1814	495111.06	3859101.99	0.22752	0.24398	0.24067	3.49E-03	1.78E-05	6.45E-03	0.009964	3.57E-03	1.75E-05	7.18E-03	0.010765	3.39E-03	2.22E-05	1.38E-02	1.72E-02
1815	495161.06	3859101.99	0.22929	0.24843	0.24513	3.52E-03	1.81E-05	6.57E-03	0.010111	3.60E-03	1.78E-05	7.31E-03	0.010926	3.42E-03	2.26E-05	1.40E-02	1.75E-02
1816	495211.06	3859101.99	0.22636	0.24383	0.24785	3.47E-03	1.77E-05	6.65E-03	0.010139	3.55E-03	1.75E-05	7.39E-03	0.010961	3.37E-03	2.22E-05	1.42E-02	1.76E-02
1817	495261.06	3859101.99	0.22659	0.24666	0.24262	3.48E-03	1.80E-05	6.51E-03	0.010002	3.55E-03	1.77E-05	7.24E-03	0.010808	3.38E-03	2.24E-05	1.39E-02	1.73E-02
1818	495311.06	3859101.99	0.22565	0.2504	0.2416	3.46E-03	1.82E-05	6.48E-03	0.009961	3.54E-03	1.79E-05	7.21E-03	0.010763	3.36E-03	2.28E-05	1.38E-02	1.72E-02
1819	495361.06	3859101.99	0.22583	0.25898	0.24285	3.47E-03	1.89E-05	6.51E-03	0.009998	3.54E-03	1.86E-05	7.24E-03	0.010804	3.36E-03	2.36E-05	1.39E-02	1.73E-02
1820	495411.06	3859101.99	0.22523	0.26615	0.24239	3.46E-03	1.94E-05	6.50E-03	0.009977	3.53E-03	1.91E-05	7.23E-03	0.010782	3.36E-03	2.42E-05	1.39E-02	1.73E-02
1821	495461.06	3859101.99	0.22297	0.26873	0.23872	3.42E-03	1.96E-05	6.40E-03	0.009844	3.50E-03	1.93E-05	7.12E-03	0.010637	3.32E-03	2.44E-05	1.37E-02	1.70E-02
1822	495511.06	3859101.99	0.22179	0.27249	0.23723	3.40E-03	1.98E-05	6.36E-03	0.009786	3.48E-03	1.95E-05	7.08E-03	0.010574	3.30E-03	2.48E-05	1.36E-02	1.69E-02
1823	495561.06	3859101.99	0.21955	0.2726	0.23567	3.37E-03	1.98E-05	6.32E-03	0.00971	3.44E-03	1.95E-05	7.03E-03	0.010492	3.27E-03	2.48E-05	1.35E-02	1.68E-02
1824	495611.06	3859101.99	0.21693	0.26789	0.23197	3.33E-03	1.95E-05	6.22E-03	0.00957	3.40E-03	1.92E-05	6.92E-03	0.010341	3.23E-03	2.44E-05	1.33E-02	1.65E-02
1825	495661.06	3859101.99	0.21691	0.27081	0.23386	3.33E-03	1.97E-05	6.27E-03	0.00962	3.40E-03	1.94E-05	6.98E-03	0.010397	3.23E-03	2.46E-05	1.34E-02	1.67E-02
1826	494311.06	3859151.99	0.35585	0.47881	0.38203	5.46E-03	3.49E-05	1.02E-02	0.015742	5.58E-03	3.43E-05	1.14E-02	0.017011	5.30E-03	4.36E-05	2.19E-02	2.72E-02
1827	494361.06	3859151.99	0.35583	0.4776	0.37951	5.46E-03	3.48E-05	1.02E-02	0.015674	5.58E-03	3.42E-05	1.13E-02	0.016935	5.30E-03	4.34E-05	2.17E-02	2.71E-02
1828	494411.06	3859151.99	0.35138	0.47052	0.37189	5.39E-03	3.43E-05	9.97E-03	0.015401	5.51E-03	3.37E-05	1.11E-02	0.016637	5.23E-03	4.28E-05	2.13E-02	2.66E-02
1829	494461.06	3859151.99	0.34669	0.46248	0.36424	5.32E-03	3.37E-05	9.77E-03	0.015123	5.44E-03	3.31E-05	1.09E-02	0.016335	5.16E-03	4.21E-05	2.09E-02	2.61E-02

1830	494511.06	3859151.99	0.33968	0.44796	0.3538	5.21E-03	3.26E-05	9.49E-03	0.014734	5.33E-03	3.21E-05	1.06E-02	0.015913	5.06E-03	4.07E-05	2.03E-02	2.54E-02
1831	494561.06	3859151.99	0.33627	0.43944	0.3489	5.16E-03	3.20E-05	9.36E-03	0.01455	5.27E-03	3.15E-05	1.04E-02	0.015712	5.01E-03	4.00E-05	2.00E-02	2.50E-02
1832	494611.06	3859151.99	0.32743	0.41781	0.33819	5.02E-03	3.04E-05	9.07E-03	0.014125	5.13E-03	2.99E-05	1.01E-02	0.015253	4.88E-03	3.80E-05	1.94E-02	2.43E-02
1833	494661.06	3859151.99	0.32238	0.39678	0.33247	4.95E-03	2.89E-05	8.92E-03	0.013893	5.05E-03	2.84E-05	9.92E-03	0.015001	4.80E-03	3.61E-05	1.90E-02	2.39E-02
1834	494711.06	3859151.99	0.31831	0.38465	0.32803	4.88E-03	2.80E-05	8.80E-03	0.01371	4.99E-03	2.76E-05	9.79E-03	0.014804	4.74E-03	3.50E-05	1.88E-02	2.36E-02
1835	494761.06	3859151.99	0.30796	0.35535	0.31489	4.73E-03	2.59E-05	8.45E-03	0.013197	4.83E-03	2.55E-05	9.39E-03	0.014248	4.59E-03	3.23E-05	1.80E-02	2.27E-02
1836	494811.06	3859151.99	0.29958	0.34255	0.30481	4.60E-03	2.49E-05	8.18E-03	0.012797	4.70E-03	2.45E-05	9.09E-03	0.013815	4.46E-03	3.12E-05	1.75E-02	2.20E-02
1837	494861.06	3859151.99	0.2948	0.32806	0.29906	4.52E-03	2.39E-05	8.02E-03	0.012569	4.62E-03	2.35E-05	8.92E-03	0.013567	4.39E-03	2.98E-05	1.71E-02	2.16E-02
1838	494911.06	3859151.99	0.2798	0.30815	0.28676	4.29E-03	2.24E-05	7.69E-03	0.012007	4.39E-03	2.21E-05	8.55E-03	0.012964	4.17E-03	2.80E-05	1.64E-02	2.06E-02
1839	494961.06	3859151.99	0.25612	0.28878	0.26972	3.93E-03	2.10E-05	7.23E-03	0.011185	4.02E-03	2.07E-05	8.05E-03	0.012083	3.82E-03	2.63E-05	1.55E-02	1.93E-02
1840	495011.06	3859151.99	0.23822	0.26443	0.25411	3.66E-03	1.92E-05	6.82E-03	0.01049	3.74E-03	1.89E-05	7.58E-03	0.011335	3.55E-03	2.41E-05	1.46E-02	1.81E-02
1841	495061.06	3859151.99	0.23869	0.26032	0.25385	3.66E-03	1.89E-05	6.81E-03	0.01049	3.74E-03	1.87E-05	7.57E-03	0.011334	3.56E-03	2.37E-05	1.45E-02	1.81E-02
1842	495111.06	3859151.99	0.23699	0.26244	0.25199	3.64E-03	1.91E-05	6.76E-03	0.010414	3.72E-03	1.88E-05	7.52E-03	0.011252	3.53E-03	2.39E-05	1.44E-02	1.80E-02
1843	495161.06	3859151.99	0.24373	0.27452	0.25653	3.74E-03	2.00E-05	6.88E-03	0.01064	3.82E-03	1.97E-05	7.65E-03	0.011494	3.63E-03	2.50E-05	1.47E-02	1.84E-02
1844	495211.06	3859151.99	0.24254	0.27486	0.25513	3.72E-03	2.00E-05	6.84E-03	0.010585	3.80E-03	1.97E-05	7.61E-03	0.011434	3.61E-03	2.50E-05	1.46E-02	1.83E-02
1845	495261.06	3859151.99	0.24147	0.27014	0.25388	3.71E-03	1.97E-05	6.81E-03	0.010534	3.79E-03	1.94E-05	7.57E-03	0.011379	3.60E-03	2.46E-05	1.45E-02	1.82E-02
1846	495311.06	3859151.99	0.23947	0.26703	0.25328	3.67E-03	1.94E-05	6.79E-03	0.010487	3.75E-03	1.91E-05	7.56E-03	0.01133	3.57E-03	2.43E-05	1.45E-02	1.81E-02
1847	495361.06	3859151.99	0.23638	0.25935	0.25209	3.63E-03	1.89E-05	6.76E-03	0.010407	3.71E-03	1.86E-05	7.52E-03	0.011245	3.52E-03	2.36E-05	1.44E-02	1.80E-02
1848	495411.06	3859151.99	0.2376	0.26049	0.25703	3.65E-03	1.90E-05	6.89E-03	0.010559	3.73E-03	1.87E-05	7.67E-03	0.011412	3.54E-03	2.37E-05	1.47E-02	1.83E-02
1849	495461.06	3859151.99	0.23702	0.25524	0.25628	3.64E-03	1.86E-05	6.87E-03	0.010529	3.72E-03	1.83E-05	7.65E-03	0.01138	3.53E-03	2.32E-05	1.47E-02	1.82E-02
1850	495511.06	3859151.99	0.23243	0.26207	0.24972	3.57E-03	1.91E-05	6.70E-03	0.010283	3.64E-03	1.88E-05	7.45E-03	0.011113	3.46E-03	2.38E-05	1.43E-02	1.78E-02
1851	495561.06	3859151.99	0.2298	0.27036	0.24739	3.53E-03	1.97E-05	6.64E-03	0.010181	3.60E-03	1.94E-05	7.38E-03	0.011003	3.42E-03	2.46E-05	1.42E-02	1.76E-02
1852	495611.06	3859151.99	0.22787	0.2727	0.24574	3.50E-03	1.99E-05	6.59E-03	0.010107	3.57E-03	1.95E-05	7.33E-03	0.010923	3.39E-03	2.48E-05	1.41E-02	1.75E-02
1853	495661.06	3859151.99	0.22654	0.27152	0.24319	3.48E-03	1.98E-05	6.52E-03	0.010019	3.55E-03	1.95E-05	7.25E-03	0.010826	3.37E-03	2.47E-05	1.39E-02	1.73E-02
1854	494311.06	3859201.99	0.36784	0.49842	0.39754	5.64E-03	3.63E-05	1.07E-02	0.016343	5.77E-03	3.57E-05	1.19E-02	0.017663	5.48E-03	4.53E-05	2.28E-02	2.83E-02
1855	494361.06	3859201.99	0.36222	0.48974	0.39267	5.56E-03	3.56E-05	1.05E-02	0.016126	5.68E-03	3.51E-05	1.17E-02	0.017429	5.40E-03	4.45E-05	2.25E-02	2.79E-02
1856	494411.06	3859201.99	0.35675	0.48874	0.38591	5.47E-03	3.56E-05	1.04E-02	0.01586	5.59E-03	3.50E-05	1.15E-02	0.017141	5.31E-03	4.45E-05	2.21E-02	2.75E-02
1857	494461.06	3859201.99	0.35057	0.47524	0.37593	5.38E-03	3.46E-05	1.01E-02	0.015497	5.50E-03	3.41E-05	1.12E-02	0.016746	5.22E-03	4.32E-05	2.15E-02	2.68E-02
1858	494511.06	3859201.99	0.34724	0.4687	0.36978	5.33E-03	3.41E-05	9.92E-03	0.01528	5.44E-03	3.36E-05	1.10E-02	0.016509	5.17E-03	4.26E-05	2.12E-02	2.64E-02
1859	494561.06	3859201.99	0.33981	0.45537	0.35879	5.21E-03	3.31E-05	9.62E-03	0.014871	5.33E-03	3.26E-05	1.07E-02	0.016064	5.06E-03	4.14E-05	2.06E-02	2.57E-02
1860	494611.06	3859201.99	0.33453	0.45001	0.35077	5.13E-03	3.28E-05	9.41E-03	0.014574	5.25E-03	3.22E-05	1.05E-02	0.015742	4.98E-03	4.09E-05	2.01E-02	2.51E-02
1861	494661.06	3859201.99	0.33084	0.44081	0.34504	5.08E-03	3.21E-05	9.25E-03	0.014363	5.19E-03	3.16E-05	1.03E-02	0.015512	4.93E-03	4.01E-05	1.98E-02	2.47E-02
1862	494711.06	3859201.99	0.3266	0.43061	0.33924	5.01E-03	3.13E-05	9.10E-03	0.014142	5.12E-03	3.09E-05	1.01E-02	0.015272	4.87E-03	3.92E-05	1.94E-02	2.43E-02
1863	494761.06	3859201.99	0.31686	0.40371	0.32725	4.86E-03	2.94E-05	8.78E-03	0.013669	4.97E-03	2.89E-05	9.76E-03	0.01476	4.72E-03	3.67E-05	1.87E-02	2.35E-02
1864	494811.06	3859201.99	0.3091	0.38007	0.3178	4.74E-03	2.77E-05	8.52E-03	0.013294	4.85E-03	2.72E-05	9.48E-03	0.014354	4.60E-03	3.46E-05	1.82E-02	2.28E-02
1865	494861.06	3859201.99	0.29978	0.35174	0.30587	4.60E-03	2.56E-05	8.20E-03	0.012829	4.70E-03	2.52E-05	9.12E-03	0.01385	4.47E-03	3.20E-05	1.75E-02	2.20E-02
1866	494911.06	3859201.99	0.28775	0.32956	0.29197	4.42E-03	2.40E-05	7.83E-03	0.01227	4.51E-03	2.36E-05	8.71E-03	0.013245	4.29E-03	3.00E-05	1.67E-02	2.10E-02
1867	494961.06	3859201.99	0.26959	0.3035	0.27738	4.14E-03	2.21E-05	7.44E-03	0.011598	4.23E-03	2.17E-05	8.27E-03	0.012524	4.02E-03	2.76E-05	1.59E-02	1.99E-02
1868	495011.06	3859201.99	0.24427	0.28581	0.2578	3.75E-03	2.08E-05	6.91E-03	0.010683	3.83E-03	2.05E-05	7.69E-03	0.011541	3.64E-03	2.60E-05	1.48E-02	1.84E-02
1869	495061.06	3859201.99	0.25745	0.29186	0.26668	3.95E-03	2.12E-05	7.15E-03	0.011124	4.04E-03	2.09E-05	7.96E-03	0.012013	3.84E-03	2.65E-05	1.53E-02	1.91E-02
1870	495111.06	3859201.99	0.25969	0.28768	0.26748	3.98E-03	2.09E-05	7.17E-03	0.01118	4.07E-03	2.06E-05	7.98E-03	0.012072	3.87E-03	2.62E-05	1.53E-02	1.92E-02
1871	495161.06	3859201.99	0.26037	0.28142	0.26727	4.00E-03	2.05E-05	7.17E-03	0.011184	4.08E-03	2.02E-05	7.97E-03	0.012076	3.88E-03	2.56E-05	1.53E-02	1.92E-02
1872	495211.06	3859201.99	0.25691	0.2816	0.26408	3.94E-03	2.05E-05	7.08E-03	0.011046	4.03E-03	2.02E-05	7.88E-03	0.011926	3.83E-03	2.56E-05	1.51E-02	1.90E-02
1873	495261.06	3859201.99	0.25879	0.28542	0.26659	3.97E-03	2.08E-05	7.15E-03	0.011142	4.06E-03	2.05E-05	7.95E-03	0.012031	3.86E-03	2.60E-05	1.53E-02	1.92E-02
1874	495311.06	3859201.99	0.25627	0.28899	0.26722	3.93E-03	2.10E-05	7.17E-03	0.011121	4.02E-03	2.07E-05	7.97E-03	0.012011	3.82E-03	2.63E-05	1.53E-02	1.92E-02
1875	495361.06	3859201.99	0.25433	0.2865	0.2687	3.90E-03	2.09E-05	7.21E-03	0.01113	3.99E-03	2.05E-05	8.02E-03	0.012024	3.79E-03	2.61E-05	1.54E-02	1.92E-02
1876	495411.06	3859201.99	0.25477	0.2933	0.27347	3.91E-03	2.13E-05	7.33E-03	0.011265	3.99E-03	2.10E-05	8.16E-03	0.012174	3.80E-03	2.67E-05	1.57E-02	1.95E-02

1877	495461.06	3859201.99	0.25089	0.28415	0.27235	3.85E-03	2.07E-05	7.30E-03	0.011175	3.93E-03	2.04E-05	8.12E-03	0.012079	3.74E-03	2.58E-05	1.56E-02	1.94E-02
1878	495511.06	3859201.99	0.24774	0.27614	0.27129	3.80E-03	2.01E-05	7.28E-03	0.011098	3.88E-03	1.98E-05	8.09E-03	0.011997	3.69E-03	2.51E-05	1.55E-02	1.93E-02
1879	495561.06	3859201.99	0.24243	0.27735	0.2653	3.72E-03	2.02E-05	7.12E-03	0.010856	3.80E-03	1.99E-05	7.91E-03	0.011735	3.61E-03	2.52E-05	1.52E-02	1.88E-02
1880	495611.06	3859201.99	0.23939	0.26175	0.26194	3.67E-03	1.91E-05	7.03E-03	0.010718	3.75E-03	1.88E-05	7.81E-03	0.011586	3.57E-03	2.38E-05	1.50E-02	1.86E-02
1881	495661.06	3859201.99	0.23818	0.26481	0.25939	3.65E-03	1.93E-05	6.96E-03	0.010631	3.73E-03	1.90E-05	7.74E-03	0.011492	3.55E-03	2.41E-05	1.49E-02	1.84E-02
1882	494311.06	3859251.99	0.38531	0.5169	0.41371	5.91E-03	3.76E-05	1.11E-02	0.017046	6.04E-03	3.70E-05	1.23E-02	0.01842	5.74E-03	4.70E-05	2.37E-02	2.95E-02
1883	494361.06	3859251.99	0.37549	0.50919	0.40592	5.76E-03	3.71E-05	1.09E-02	0.016686	5.89E-03	3.65E-05	1.21E-02	0.018033	5.59E-03	4.63E-05	2.33E-02	2.89E-02
1884	494411.06	3859251.99	0.36505	0.49759	0.39538	5.60E-03	3.62E-05	1.06E-02	0.016242	5.72E-03	3.57E-05	1.18E-02	0.017554	5.44E-03	4.53E-05	2.26E-02	2.81E-02
1885	494461.06	3859251.99	0.3578	0.48691	0.38855	5.49E-03	3.54E-05	1.04E-02	0.015947	5.61E-03	3.49E-05	1.16E-02	0.017236	5.33E-03	4.43E-05	2.23E-02	2.76E-02
1886	494511.06	3859251.99	0.34667	0.48025	0.37716	5.32E-03	3.50E-05	1.01E-02	0.01547	5.44E-03	3.44E-05	1.13E-02	0.016721	5.16E-03	4.37E-05	2.16E-02	2.68E-02
1887	494561.06	3859251.99	0.34294	0.47608	0.36992	5.26E-03	3.47E-05	9.92E-03	0.015219	5.38E-03	3.41E-05	1.10E-02	0.016447	5.11E-03	4.33E-05	2.12E-02	2.63E-02
1888	494611.06	3859251.99	0.33707	0.46114	0.36039	5.17E-03	3.36E-05	9.67E-03	0.014872	5.28E-03	3.30E-05	1.08E-02	0.016069	5.02E-03	4.19E-05	2.06E-02	2.57E-02
1889	494661.06	3859251.99	0.33512	0.45519	0.3564	5.14E-03	3.31E-05	9.56E-03	0.014734	5.25E-03	3.26E-05	1.06E-02	0.015919	4.99E-03	4.14E-05	2.04E-02	2.55E-02
1890	494711.06	3859251.99	0.33136	0.44531	0.35053	5.08E-03	3.24E-05	9.40E-03	0.014519	5.20E-03	3.19E-05	1.05E-02	0.015684	4.94E-03	4.05E-05	2.01E-02	2.51E-02
1891	494761.06	3859251.99	0.31744	0.42686	0.33038	4.87E-03	3.11E-05	8.86E-03	0.013763	4.98E-03	3.06E-05	9.86E-03	0.014864	4.73E-03	3.88E-05	1.89E-02	2.37E-02
1892	494811.06	3859251.99	0.31763	0.42537	0.32992	4.87E-03	3.10E-05	8.85E-03	0.013754	4.98E-03	3.05E-05	9.84E-03	0.014853	4.73E-03	3.87E-05	1.89E-02	2.37E-02
1893	494861.06	3859251.99	0.30349	0.39709	0.31161	4.66E-03	2.89E-05	8.36E-03	0.013044	4.76E-03	2.85E-05	9.30E-03	0.014083	4.52E-03	3.61E-05	1.79E-02	2.24E-02
1894	494911.06	3859251.99	0.29129	0.36285	0.2975	4.47E-03	2.64E-05	7.98E-03	0.012475	4.57E-03	2.60E-05	8.88E-03	0.013468	4.34E-03	3.30E-05	1.70E-02	2.14E-02
1895	494961.06	3859251.99	0.28568	0.34417	0.29077	4.38E-03	2.51E-05	7.80E-03	0.012207	4.48E-03	2.47E-05	8.67E-03	0.013178	4.26E-03	3.13E-05	1.67E-02	2.09E-02
1896	495011.06	3859251.99	0.27823	0.32388	0.2824	4.27E-03	2.36E-05	7.57E-03	0.011867	4.36E-03	2.32E-05	8.42E-03	0.01281	4.14E-03	2.95E-05	1.62E-02	2.04E-02
1897	495061.06	3859251.99	0.28056	0.31871	0.28411	4.31E-03	2.32E-05	7.62E-03	0.011948	4.40E-03	2.28E-05	8.48E-03	0.012897	4.18E-03	2.90E-05	1.63E-02	2.05E-02
1898	495111.06	3859251.99	0.2787	0.31406	0.28235	4.28E-03	2.29E-05	7.57E-03	0.011872	4.37E-03	2.25E-05	8.42E-03	0.012815	4.15E-03	2.86E-05	1.62E-02	2.04E-02
1899	495161.06	3859251.99	0.27853	0.31037	0.28292	4.27E-03	2.26E-05	7.59E-03	0.011885	4.37E-03	2.22E-05	8.44E-03	0.01283	4.15E-03	2.82E-05	1.62E-02	2.04E-02
1900	495211.06	3859251.99	0.27616	0.30306	0.28056	4.24E-03	2.21E-05	7.52E-03	0.011785	4.33E-03	2.17E-05	8.37E-03	0.012721	4.11E-03	2.76E-05	1.61E-02	2.02E-02
1901	495261.06	3859251.99	0.27455	0.29655	0.28062	4.21E-03	2.16E-05	7.53E-03	0.011761	4.30E-03	2.12E-05	8.37E-03	0.012697	4.09E-03	2.70E-05	1.61E-02	2.02E-02
1902	495311.06	3859251.99	0.27505	0.29423	0.28407	4.22E-03	2.14E-05	7.62E-03	0.011861	4.31E-03	2.11E-05	8.47E-03	0.012808	4.10E-03	2.68E-05	1.63E-02	2.04E-02
1903	495361.06	3859251.99	0.27188	0.30128	0.28376	4.17E-03	2.19E-05	7.61E-03	0.011805	4.26E-03	2.16E-05	8.47E-03	0.01275	4.05E-03	2.74E-05	1.63E-02	2.03E-02
1904	495411.06	3859251.99	0.27178	0.30741	0.28765	4.17E-03	2.24E-05	7.71E-03	0.011908	4.26E-03	2.20E-05	8.58E-03	0.012865	4.05E-03	2.80E-05	1.65E-02	2.06E-02
1905	495461.06	3859251.99	0.26814	0.30892	0.28685	4.11E-03	2.25E-05	7.69E-03	0.011831	4.20E-03	2.21E-05	8.56E-03	0.012784	3.99E-03	2.81E-05	1.64E-02	2.05E-02
1906	495511.06	3859251.99	0.26074	0.30598	0.29066	4.00E-03	2.23E-05	7.80E-03	0.011819	4.09E-03	2.19E-05	8.67E-03	0.012781	3.88E-03	2.78E-05	1.67E-02	2.06E-02
1907	495561.06	3859251.99	0.25616	0.29832	0.27881	3.93E-03	2.17E-05	7.48E-03	0.01143	4.02E-03	2.14E-05	8.32E-03	0.012355	3.82E-03	2.71E-05	1.60E-02	1.98E-02
1908	495611.06	3859251.99	0.25041	0.28467	0.274	3.84E-03	2.07E-05	7.35E-03	0.011212	3.93E-03	2.04E-05	8.17E-03	0.012121	3.73E-03	2.59E-05	1.57E-02	1.95E-02
1909	495661.06	3859251.99	0.24837	0.27712	0.27179	3.81E-03	2.02E-05	7.29E-03	0.011121	3.89E-03	1.99E-05	8.11E-03	0.012022	3.70E-03	2.52E-05	1.56E-02	1.93E-02
1910	494311.06	3859301.99	0.40626	0.52709	0.42925	6.23E-03	3.84E-05	1.15E-02	0.017785	6.37E-03	3.78E-05	1.28E-02	0.019213	6.05E-03	4.79E-05	2.46E-02	3.07E-02
1911	494361.06	3859301.99	0.3965	0.51912	0.42074	6.08E-03	3.78E-05	1.13E-02	0.017407	6.22E-03	3.72E-05	1.26E-02	0.018806	5.91E-03	4.72E-05	2.41E-02	3.01E-02
1912	494411.06	3859301.99	0.38272	0.5124	0.41005	5.87E-03	3.73E-05	1.10E-02	0.016908	6.00E-03	3.67E-05	1.22E-02	0.01827	5.70E-03	4.66E-05	2.35E-02	2.92E-02
1913	494461.06	3859301.99	0.36908	0.50368	0.39939	5.66E-03	3.67E-05	1.07E-02	0.016412	5.79E-03	3.61E-05	1.19E-02	0.017738	5.50E-03	4.58E-05	2.29E-02	2.84E-02
1914	494511.06	3859301.99	0.35916	0.49389	0.38997	5.51E-03	3.60E-05	1.05E-02	0.016007	5.63E-03	3.54E-05	1.16E-02	0.0173	5.35E-03	4.49E-05	2.23E-02	2.77E-02
1915	494561.06	3859301.99	0.35162	0.48372	0.38267	5.40E-03	3.52E-05	1.03E-02	0.015694	5.51E-03	3.47E-05	1.14E-02	0.016964	5.24E-03	4.40E-05	2.19E-02	2.72E-02
1916	494611.06	3859301.99	0.34317	0.47851	0.37461	5.27E-03	3.48E-05	1.00E-02	0.015348	5.38E-03	3.43E-05	1.12E-02	0.01659	5.11E-03	4.35E-05	2.15E-02	2.66E-02
1917	494661.06	3859301.99	0.33732	0.47458	0.36682	5.18E-03	3.45E-05	9.84E-03	0.015049	5.29E-03	3.40E-05	1.09E-02	0.016266	5.03E-03	4.32E-05	2.10E-02	2.61E-02
1918	494711.06	3859301.99	0.33169	0.45873	0.35733	5.09E-03	3.34E-05	9.58E-03	0.014707	5.20E-03	3.29E-05	1.07E-02	0.015893	4.94E-03	4.17E-05	2.05E-02	2.55E-02
1919	494761.06	3859301.99	0.32694	0.45048	0.34914	5.02E-03	3.28E-05	9.36E-03	0.014414	5.13E-03	3.23E-05	1.04E-02	0.015574	4.87E-03	4.10E-05	2.00E-02	2.49E-02
1920	494811.06	3859301.99	0.31881	0.4361	0.33701	4.89E-03	3.17E-05	9.04E-03	0.013963	5.00E-03	3.12E-05	1.01E-02	0.015084	4.75E-03	3.97E-05	1.93E-02	2.41E-02
1921	494861.06	3859301.99	0.30641	0.41397	0.31991	4.70E-03	3.01E-05	8.58E-03	0.013312	4.80E-03	2.97E-05	9.54E-03	0.014378	4.56E-03	3.77E-05	1.83E-02	2.29E-02
1922	494911.06	3859301.99	0.30142	0.39988	0.31185	4.63E-03	2.91E-05	8.36E-03	0.013018	4.73E-03	2.87E-05	9.30E-03	0.014058	4.49E-03	3.64E-05	1.79E-02	2.24E-02
1923	494961.06	3859301.99	0.28762	0.37973	0.29484	4.41E-03	2.76E-05	7.91E-03	0.012349	4.51E-03	2.72E-05	8.80E-03	0.013333	4.28E-03	3.45E-05	1.69E-02	2.12E-02

1924	495011.06	3859301.99	0.28332	0.36095	0.2895	4.35E-03	2.63E-05	7.76E-03	0.012138	4.44E-03	2.59E-05	8.64E-03	0.013105	4.22E-03	3.28E-05	1.66E-02	2.08E-02
1925	495061.06	3859301.99	0.29172	0.36339	0.29905	4.48E-03	2.65E-05	8.02E-03	0.012524	4.57E-03	2.60E-05	8.92E-03	0.013521	4.35E-03	3.31E-05	1.71E-02	2.15E-02
1926	495111.06	3859301.99	0.28516	0.34313	0.2913	4.38E-03	2.50E-05	7.81E-03	0.012214	4.47E-03	2.46E-05	8.69E-03	0.013186	4.25E-03	3.12E-05	1.67E-02	2.10E-02
1927	495161.06	3859301.99	0.28519	0.32926	0.29235	4.38E-03	2.40E-05	7.84E-03	0.012241	4.47E-03	2.36E-05	8.72E-03	0.013217	4.25E-03	3.00E-05	1.67E-02	2.10E-02
1928	495211.06	3859301.99	0.28831	0.3247	0.2975	4.42E-03	2.36E-05	7.98E-03	0.012427	4.52E-03	2.33E-05	8.88E-03	0.013419	4.29E-03	2.95E-05	1.70E-02	2.14E-02
1929	495261.06	3859301.99	0.28912	0.32354	0.29964	4.44E-03	2.36E-05	8.04E-03	0.012497	4.53E-03	2.32E-05	8.94E-03	0.013495	4.31E-03	2.94E-05	1.72E-02	2.15E-02
1930	495311.06	3859301.99	0.28492	0.31975	0.29481	4.37E-03	2.33E-05	7.91E-03	0.012302	4.47E-03	2.29E-05	8.79E-03	0.013285	4.24E-03	2.91E-05	1.69E-02	2.12E-02
1931	495361.06	3859301.99	0.28626	0.32151	0.29787	4.39E-03	2.34E-05	7.99E-03	0.012405	4.49E-03	2.30E-05	8.89E-03	0.013397	4.26E-03	2.92E-05	1.71E-02	2.14E-02
1932	495411.06	3859301.99	0.28567	0.31178	0.29831	4.38E-03	2.27E-05	8.00E-03	0.012407	4.48E-03	2.23E-05	8.90E-03	0.013401	4.26E-03	2.84E-05	1.71E-02	2.14E-02
1933	495461.06	3859301.99	0.28384	0.31706	0.29958	4.36E-03	2.31E-05	8.03E-03	0.012414	4.45E-03	2.27E-05	8.94E-03	0.01341	4.23E-03	2.88E-05	1.72E-02	2.14E-02
1934	495511.06	3859301.99	0.27785	0.31558	0.2955	4.26E-03	2.30E-05	7.93E-03	0.012212	4.36E-03	2.26E-05	8.82E-03	0.013195	4.14E-03	2.87E-05	1.69E-02	2.11E-02
1935	495561.06	3859301.99	0.26865	0.31005	0.28703	4.12E-03	2.26E-05	7.70E-03	0.011843	4.21E-03	2.22E-05	8.56E-03	0.012797	4.00E-03	2.82E-05	1.64E-02	2.05E-02
1936	495611.06	3859301.99	0.26417	0.31184	0.28501	4.05E-03	2.27E-05	7.64E-03	0.011721	4.14E-03	2.23E-05	8.50E-03	0.012667	3.94E-03	2.84E-05	1.63E-02	2.03E-02
1937	495661.06	3859301.99	0.25955	0.31038	0.28277	3.98E-03	2.26E-05	7.58E-03	0.011589	4.07E-03	2.22E-05	8.44E-03	0.012527	3.87E-03	2.82E-05	1.62E-02	2.01E-02
1938	494311.06	3859351.99	0.41767	0.54453	0.44272	6.41E-03	3.96E-05	1.19E-02	0.018323	6.55E-03	3.90E-05	1.32E-02	0.019795	6.22E-03	4.95E-05	2.54E-02	3.16E-02
1939	494361.06	3859351.99	0.40964	0.53712	0.43388	6.29E-03	3.91E-05	1.16E-02	0.017962	6.42E-03	3.85E-05	1.29E-02	0.019405	6.10E-03	4.89E-05	2.49E-02	3.10E-02
1940	494411.06	3859351.99	0.39871	0.52594	0.42199	6.12E-03	3.83E-05	1.13E-02	0.017475	6.25E-03	3.77E-05	1.26E-02	0.018878	5.94E-03	4.78E-05	2.42E-02	3.02E-02
1941	494461.06	3859351.99	0.38773	0.51389	0.4118	5.95E-03	3.74E-05	1.10E-02	0.017032	6.08E-03	3.68E-05	1.23E-02	0.018401	5.78E-03	4.67E-05	2.36E-02	2.94E-02
1942	494511.06	3859351.99	0.3758	0.50493	0.40263	5.77E-03	3.68E-05	1.08E-02	0.016602	5.89E-03	3.62E-05	1.20E-02	0.01794	5.60E-03	4.59E-05	2.31E-02	2.87E-02
1943	494561.06	3859351.99	0.36647	0.49973	0.39583	5.62E-03	3.64E-05	1.06E-02	0.016276	5.75E-03	3.58E-05	1.18E-02	0.01759	5.46E-03	4.55E-05	2.27E-02	2.82E-02
1944	494611.06	3859351.99	0.35626	0.49196	0.38799	5.47E-03	3.58E-05	1.04E-02	0.015909	5.59E-03	3.53E-05	1.16E-02	0.017196	5.31E-03	4.47E-05	2.22E-02	2.76E-02
1945	494661.06	3859351.99	0.34802	0.48209	0.37973	5.34E-03	3.51E-05	1.02E-02	0.01556	5.46E-03	3.45E-05	1.13E-02	0.016819	5.18E-03	4.39E-05	2.18E-02	2.70E-02
1946	494711.06	3859351.99	0.33749	0.47147	0.36921	5.18E-03	3.43E-05	9.90E-03	0.015116	5.29E-03	3.38E-05	1.10E-02	0.01634	5.03E-03	4.29E-05	2.12E-02	2.62E-02
1947	494761.06	3859351.99	0.32465	0.4604	0.35555	4.98E-03	3.35E-05	9.54E-03	0.014551	5.09E-03	3.30E-05	1.06E-02	0.01573	4.84E-03	4.19E-05	2.04E-02	2.52E-02
1948	494811.06	3859351.99	0.31213	0.44178	0.33727	4.79E-03	3.22E-05	9.05E-03	0.013868	4.89E-03	3.17E-05	1.01E-02	0.014987	4.65E-03	4.02E-05	1.93E-02	2.40E-02
1949	494861.06	3859351.99	0.30873	0.43252	0.33062	4.74E-03	3.15E-05	8.87E-03	0.013636	4.84E-03	3.10E-05	9.86E-03	0.014735	4.60E-03	3.93E-05	1.89E-02	2.36E-02
1950	494911.06	3859351.99	0.3073	0.42725	0.32658	4.72E-03	3.11E-05	8.76E-03	0.013506	4.82E-03	3.06E-05	9.74E-03	0.014591	4.58E-03	3.89E-05	1.87E-02	2.33E-02
1951	494961.06	3859351.99	0.3028	0.41632	0.31888	4.65E-03	3.03E-05	8.55E-03	0.013229	4.75E-03	2.98E-05	9.51E-03	0.01429	4.51E-03	3.79E-05	1.83E-02	2.28E-02
1952	495011.06	3859351.99	0.30031	0.40637	0.31379	4.61E-03	2.96E-05	8.42E-03	0.013054	4.71E-03	2.91E-05	9.36E-03	0.014099	4.47E-03	3.70E-05	1.80E-02	2.25E-02
1953	495061.06	3859351.99	0.30555	0.40546	0.32075	4.69E-03	2.95E-05	8.60E-03	0.013321	4.79E-03	2.91E-05	9.57E-03	0.014389	4.55E-03	3.69E-05	1.84E-02	2.30E-02
1954	495111.06	3859351.99	0.30239	0.40844	0.31566	4.64E-03	2.97E-05	8.47E-03	0.013136	4.74E-03	2.93E-05	9.42E-03	0.014187	4.50E-03	3.72E-05	1.81E-02	2.26E-02
1955	495161.06	3859351.99	0.30187	0.39455	0.31485	4.63E-03	2.87E-05	8.44E-03	0.013105	4.73E-03	2.83E-05	9.39E-03	0.014154	4.50E-03	3.59E-05	1.80E-02	2.26E-02
1956	495211.06	3859351.99	0.30002	0.37779	0.31344	4.60E-03	2.75E-05	8.41E-03	0.013038	4.70E-03	2.71E-05	9.35E-03	0.014082	4.47E-03	3.44E-05	1.80E-02	2.25E-02
1957	495261.06	3859351.99	0.30034	0.36015	0.31503	4.61E-03	2.62E-05	8.45E-03	0.013084	4.71E-03	2.58E-05	9.40E-03	0.014133	4.47E-03	3.28E-05	1.80E-02	2.26E-02
1958	495311.06	3859351.99	0.29681	0.33978	0.31126	4.55E-03	2.47E-05	8.35E-03	0.012927	4.65E-03	2.43E-05	9.29E-03	0.013964	4.42E-03	3.09E-05	1.78E-02	2.23E-02
1959	495361.06	3859351.99	0.29531	0.33019	0.31033	4.53E-03	2.40E-05	8.32E-03	0.012879	4.63E-03	2.37E-05	9.26E-03	0.013912	4.40E-03	3.00E-05	1.78E-02	2.22E-02
1960	495411.06	3859351.99	0.29516	0.33161	0.31138	4.53E-03	2.41E-05	8.35E-03	0.012905	4.63E-03	2.38E-05	9.29E-03	0.013941	4.40E-03	3.02E-05	1.78E-02	2.23E-02
1961	495461.06	3859351.99	0.29591	0.33344	0.31387	4.54E-03	2.43E-05	8.42E-03	0.012983	4.64E-03	2.39E-05	9.36E-03	0.014027	4.41E-03	3.03E-05	1.80E-02	2.24E-02
1962	495511.06	3859351.99	0.29042	0.32851	0.30725	4.46E-03	2.39E-05	8.24E-03	0.012721	4.55E-03	2.35E-05	9.17E-03	0.013743	4.33E-03	2.99E-05	1.76E-02	2.20E-02
1963	495561.06	3859351.99	0.28634	0.32409	0.30303	4.39E-03	2.36E-05	8.13E-03	0.012545	4.49E-03	2.32E-05	9.04E-03	0.013553	4.27E-03	2.95E-05	1.74E-02	2.17E-02
1964	495611.06	3859351.99	0.28194	0.32196	0.30094	4.33E-03	2.34E-05	8.07E-03	0.012421	4.42E-03	2.31E-05	8.98E-03	0.013421	4.20E-03	2.93E-05	1.72E-02	2.15E-02
1965	495661.06	3859351.99	0.27405	0.31552	0.29412	4.21E-03	2.30E-05	7.89E-03	0.012117	4.30E-03	2.26E-05	8.77E-03	0.013094	4.08E-03	2.87E-05	1.68E-02	2.10E-02
1966	494311.06	3859401.99	0.42297	0.50034	0.45922	6.49E-03	3.64E-05	1.23E-02	0.018843	6.63E-03	3.59E-05	1.37E-02	0.020367	6.30E-03	4.55E-05	2.63E-02	3.27E-02
1967	494361.06	3859401.99	0.41506	0.50433	0.44729	6.37E-03	3.67E-05	1.20E-02	0.018402	6.51E-03	3.61E-05	1.33E-02	0.019888	6.18E-03	4.59E-05	2.56E-02	3.19E-02
1968	494411.06	3859401.99	0.40656	0.51445	0.43489	6.24E-03	3.74E-05	1.17E-02	0.01794	6.37E-03	3.69E-05	1.30E-02	0.019385	6.06E-03	4.68E-05	2.49E-02	3.10E-02
1969	494461.06	3859401.99	0.40075	0.52669	0.42534	6.15E-03	3.83E-05	1.14E-02	0.017596	6.28E-03	3.77E-05	1.27E-02	0.01901	5.97E-03	4.79E-05	2.44E-02	3.04E-02
1970	494511.06	3859401.99	0.39483	0.52576	0.41868	6.06E-03	3.83E-05	1.12E-02	0.017326	6.19E-03	3.77E-05	1.25E-02	0.018718	5.88E-03	4.78E-05	2.40E-02	2.99E-02

1971	494561.06	3859401.99	0.38767	0.51675	0.41103	5.95E-03	3.76E-05	1.10E-02	0.017011	6.08E-03	3.70E-05	1.23E-02	0.018377	5.78E-03	4.70E-05	2.35E-02	2.94E-02
1972	494611.06	3859401.99	0.37576	0.50496	0.40178	5.77E-03	3.68E-05	1.08E-02	0.016579	5.89E-03	3.62E-05	1.20E-02	0.017914	5.60E-03	4.59E-05	2.30E-02	2.87E-02
1973	494661.06	3859401.99	0.36672	0.49714	0.39512	5.63E-03	3.62E-05	1.06E-02	0.016261	5.75E-03	3.56E-05	1.18E-02	0.017573	5.46E-03	4.52E-05	2.26E-02	2.81E-02
1974	494711.06	3859401.99	0.35632	0.49028	0.38719	5.47E-03	3.57E-05	1.04E-02	0.015888	5.59E-03	3.51E-05	1.16E-02	0.017173	5.31E-03	4.46E-05	2.22E-02	2.75E-02
1975	494761.06	3859401.99	0.3396	0.47622	0.37221	5.21E-03	3.47E-05	9.98E-03	0.015229	5.32E-03	3.41E-05	1.11E-02	0.016463	5.06E-03	4.33E-05	2.13E-02	2.64E-02
1976	494811.06	3859401.99	0.3296	0.46395	0.36137	5.06E-03	3.38E-05	9.69E-03	0.014784	5.17E-03	3.32E-05	1.08E-02	0.015982	4.91E-03	4.22E-05	2.07E-02	2.57E-02
1977	494861.06	3859401.99	0.31581	0.4499	0.34737	4.85E-03	3.27E-05	9.32E-03	0.014196	4.95E-03	3.22E-05	1.04E-02	0.015347	4.70E-03	4.09E-05	1.99E-02	2.46E-02
1978	494911.06	3859401.99	0.30985	0.44455	0.33896	4.75E-03	3.24E-05	9.09E-03	0.013878	4.86E-03	3.19E-05	1.01E-02	0.015002	4.62E-03	4.04E-05	1.94E-02	2.41E-02
1979	494961.06	3859401.99	0.30865	0.44189	0.33466	4.74E-03	3.22E-05	8.98E-03	0.013744	4.84E-03	3.17E-05	9.98E-03	0.014855	4.60E-03	4.02E-05	1.92E-02	2.38E-02
1980	495011.06	3859401.99	0.30853	0.43431	0.33206	4.73E-03	3.16E-05	8.91E-03	0.013672	4.84E-03	3.11E-05	9.91E-03	0.014775	4.60E-03	3.95E-05	1.90E-02	2.37E-02
1981	495061.06	3859401.99	0.3091	0.43034	0.33155	4.74E-03	3.13E-05	8.89E-03	0.013667	4.85E-03	3.08E-05	9.89E-03	0.014768	4.60E-03	3.91E-05	1.90E-02	2.36E-02
1982	495111.06	3859401.99	0.30574	0.42026	0.3261	4.69E-03	3.06E-05	8.75E-03	0.013468	4.79E-03	3.01E-05	9.73E-03	0.014552	4.55E-03	3.82E-05	1.87E-02	2.33E-02
1983	495161.06	3859401.99	0.30667	0.41869	0.32695	4.71E-03	3.05E-05	8.77E-03	0.013505	4.81E-03	3.00E-05	9.75E-03	0.014592	4.57E-03	3.81E-05	1.87E-02	2.33E-02
1984	495211.06	3859401.99	0.30839	0.42147	0.32882	4.73E-03	3.07E-05	8.82E-03	0.013582	4.84E-03	3.02E-05	9.81E-03	0.014675	4.59E-03	3.83E-05	1.88E-02	2.35E-02
1985	495261.06	3859401.99	0.30795	0.41765	0.3276	4.73E-03	3.04E-05	8.79E-03	0.013542	4.83E-03	2.99E-05	9.77E-03	0.014631	4.59E-03	3.80E-05	1.88E-02	2.34E-02
1986	495311.06	3859401.99	0.30705	0.40266	0.3257	4.71E-03	2.93E-05	8.74E-03	0.013476	4.81E-03	2.89E-05	9.72E-03	0.01456	4.57E-03	3.66E-05	1.87E-02	2.33E-02
1987	495361.06	3859401.99	0.30858	0.38616	0.32839	4.74E-03	2.81E-05	8.81E-03	0.013571	4.84E-03	2.77E-05	9.80E-03	0.014663	4.60E-03	3.51E-05	1.88E-02	2.34E-02
1988	495411.06	3859401.99	0.30745	0.3669	0.32823	4.72E-03	2.67E-05	8.80E-03	0.013548	4.82E-03	2.63E-05	9.79E-03	0.014639	4.58E-03	3.34E-05	1.88E-02	2.34E-02
1989	495461.06	3859401.99	0.30426	0.34513	0.32508	4.67E-03	2.51E-05	8.72E-03	0.013413	4.77E-03	2.47E-05	9.70E-03	0.014493	4.53E-03	3.14E-05	1.86E-02	2.32E-02
1990	495511.06	3859401.99	0.29906	0.33599	0.31897	4.59E-03	2.45E-05	8.55E-03	0.013169	4.69E-03	2.41E-05	9.52E-03	0.014229	4.46E-03	3.06E-05	1.83E-02	2.28E-02
1991	495561.06	3859401.99	0.29278	0.33132	0.31116	4.49E-03	2.41E-05	8.35E-03	0.012862	4.59E-03	2.37E-05	9.28E-03	0.013897	4.36E-03	3.01E-05	1.78E-02	2.22E-02
1992	495611.06	3859401.99	0.2898	0.33	0.30825	4.45E-03	2.40E-05	8.27E-03	0.012738	4.54E-03	2.36E-05	9.20E-03	0.013763	4.32E-03	3.00E-05	1.77E-02	2.20E-02
1993	495661.06	3859401.99	0.28747	0.33167	0.30628	4.41E-03	2.41E-05	8.21E-03	0.01265	4.51E-03	2.38E-05	9.14E-03	0.013668	4.28E-03	3.02E-05	1.75E-02	2.19E-02
1994	494311.06	3859451.99	0.42344	0.51202	0.45537	6.50E-03	3.73E-05	1.22E-02	0.018748	6.64E-03	3.67E-05	1.36E-02	0.020261	6.31E-03	4.66E-05	2.61E-02	3.24E-02
1995	494361.06	3859451.99	0.41505	0.50682	0.44902	6.37E-03	3.69E-05	1.20E-02	0.018449	6.51E-03	3.63E-05	1.34E-02	0.019939	6.18E-03	4.61E-05	2.57E-02	3.20E-02
1996	494411.06	3859451.99	0.40321	0.48711	0.43941	6.19E-03	3.55E-05	1.18E-02	0.018008	6.32E-03	3.49E-05	1.31E-02	0.019466	6.01E-03	4.43E-05	2.52E-02	3.12E-02
1997	494461.06	3859451.99	0.40183	0.49137	0.43812	6.17E-03	3.58E-05	1.18E-02	0.017953	6.30E-03	3.52E-05	1.31E-02	0.019406	5.99E-03	4.47E-05	2.51E-02	3.11E-02
1998	494511.06	3859451.99	0.39678	0.49494	0.43042	6.09E-03	3.60E-05	1.15E-02	0.017669	6.22E-03	3.55E-05	1.28E-02	0.019097	5.91E-03	4.50E-05	2.47E-02	3.06E-02
1999	494561.06	3859451.99	0.39317	0.49783	0.4227	6.03E-03	3.62E-05	1.13E-02	0.017407	6.16E-03	3.57E-05	1.26E-02	0.01881	5.86E-03	4.53E-05	2.42E-02	3.01E-02
2000	494611.06	3859451.99	0.39215	0.50091	0.41782	6.02E-03	3.65E-05	1.12E-02	0.01726	6.15E-03	3.59E-05	1.25E-02	0.018649	5.84E-03	4.56E-05	2.39E-02	2.98E-02
2001	494661.06	3859451.99	0.38446	0.51085	0.40813	5.90E-03	3.72E-05	1.09E-02	0.016883	6.03E-03	3.66E-05	1.22E-02	0.01824	5.73E-03	4.65E-05	2.34E-02	2.92E-02
2002	494711.06	3859451.99	0.37278	0.50585	0.3985	5.72E-03	3.68E-05	1.07E-02	0.016445	5.84E-03	3.62E-05	1.19E-02	0.017769	5.55E-03	4.60E-05	2.28E-02	2.84E-02
2003	494761.06	3859451.99	0.36237	0.49442	0.39043	5.56E-03	3.60E-05	1.05E-02	0.016068	5.68E-03	3.54E-05	1.16E-02	0.017365	5.40E-03	4.50E-05	2.24E-02	2.78E-02
2004	494811.06	3859451.99	0.34754	0.48251	0.37819	5.33E-03	3.51E-05	1.01E-02	0.015511	5.45E-03	3.46E-05	1.13E-02	0.016766	5.18E-03	4.39E-05	2.17E-02	2.69E-02
2005	494861.06	3859451.99	0.33568	0.47313	0.36812	5.15E-03	3.44E-05	9.87E-03	0.015059	5.26E-03	3.39E-05	1.10E-02	0.016279	5.00E-03	4.30E-05	2.11E-02	2.61E-02
2006	494911.06	3859451.99	0.32817	0.46385	0.36062	5.04E-03	3.38E-05	9.67E-03	0.014742	5.15E-03	3.32E-05	1.08E-02	0.015937	4.89E-03	4.22E-05	2.07E-02	2.56E-02
2007	494961.06	3859451.99	0.32341	0.45887	0.35646	4.96E-03	3.34E-05	9.56E-03	0.014557	5.07E-03	3.29E-05	1.06E-02	0.015738	4.82E-03	4.17E-05	2.04E-02	2.53E-02
2008	495011.06	3859451.99	0.31748	0.4598	0.35119	4.87E-03	3.35E-05	9.42E-03	0.014324	4.98E-03	3.29E-05	1.05E-02	0.015488	4.73E-03	4.18E-05	2.01E-02	2.49E-02
2009	495061.06	3859451.99	0.31419	0.45952	0.34524	4.82E-03	3.34E-05	9.26E-03	0.014114	4.93E-03	3.29E-05	1.03E-02	0.015258	4.68E-03	4.18E-05	1.98E-02	2.45E-02
2010	495111.06	3859451.99	0.31221	0.44608	0.34174	4.79E-03	3.25E-05	9.17E-03	0.013989	4.90E-03	3.20E-05	1.02E-02	0.015122	4.65E-03	4.06E-05	1.96E-02	2.43E-02
2011	495161.06	3859451.99	0.31275	0.44047	0.34186	4.80E-03	3.21E-05	9.17E-03	0.014	4.90E-03	3.16E-05	1.02E-02	0.015134	4.66E-03	4.01E-05	1.96E-02	2.43E-02
2012	495211.06	3859451.99	0.31408	0.44079	0.34309	4.82E-03	3.21E-05	9.20E-03	0.014054	4.92E-03	3.16E-05	1.02E-02	0.015191	4.68E-03	4.01E-05	1.97E-02	2.44E-02
2013	495261.06	3859451.99	0.31504	0.4444	0.34379	4.83E-03	3.23E-05	9.22E-03	0.014087	4.94E-03	3.18E-05	1.03E-02	0.015227	4.69E-03	4.04E-05	1.97E-02	2.44E-02
2014	495311.06	3859451.99	0.31403	0.44271	0.34164	4.82E-03	3.22E-05	9.16E-03	0.014014	4.92E-03	3.17E-05	1.02E-02	0.015147	4.68E-03	4.03E-05	1.96E-02	2.43E-02
2015	495361.06	3859451.99	0.31381	0.44108	0.34065	4.82E-03	3.21E-05	9.14E-03	0.013984	4.92E-03	3.16E-05	1.02E-02	0.015114	4.67E-03	4.01E-05	1.95E-02	2.42E-02
2016	495411.06	3859451.99	0.31256	0.42218	0.33818	4.80E-03	3.07E-05	9.07E-03	0.013897	4.90E-03	3.03E-05	1.01E-02	0.01502	4.66E-03	3.84E-05	1.94E-02	2.41E-02
2017	495461.06	3859451.99	0.31211	0.40666	0.33683	4.79E-03	2.96E-05	9.03E-03	0.013853	4.89E-03	2.91E-05	1.00E-02	0.014971	4.65E-03	3.70E-05	1.93E-02	2.40E-02

2018	495511.06	3859451.99	0.30708	0.38163	0.32939	4.71E-03	2.78E-05	8.83E-03	0.013574	4.81E-03	2.73E-05	9.83E-03	0.014669	4.57E-03	3.47E-05	1.89E-02	2.35E-02
2019	495561.06	3859451.99	0.30355	0.35989	0.3258	4.66E-03	2.62E-05	8.74E-03	0.013422	4.76E-03	2.58E-05	9.72E-03	0.014505	4.52E-03	3.27E-05	1.87E-02	2.32E-02
2020	495611.06	3859451.99	0.30019	0.34376	0.3224	4.61E-03	2.50E-05	8.65E-03	0.013278	4.71E-03	2.46E-05	9.62E-03	0.014349	4.47E-03	3.13E-05	1.85E-02	2.30E-02
2021	495661.06	3859451.99	0.29717	0.34431	0.31947	4.56E-03	2.51E-05	8.57E-03	0.013154	4.66E-03	2.47E-05	9.53E-03	0.014215	4.43E-03	3.13E-05	1.83E-02	2.28E-02
2022	494311.06	3859501.99	0.43122	0.48469	0.47216	6.62E-03	3.53E-05	1.27E-02	0.019316	6.76E-03	3.47E-05	1.41E-02	0.020882	6.42E-03	4.41E-05	2.70E-02	3.35E-02
2023	494361.06	3859501.99	0.42314	0.47101	0.45944	6.49E-03	3.43E-05	1.23E-02	0.01885	6.63E-03	3.37E-05	1.37E-02	0.020374	6.30E-03	4.28E-05	2.63E-02	3.27E-02
2024	494411.06	3859501.99	0.40841	0.4818	0.44034	6.27E-03	3.51E-05	1.18E-02	0.018112	6.40E-03	3.45E-05	1.31E-02	0.019574	6.08E-03	4.38E-05	2.52E-02	3.14E-02
2025	494461.06	3859501.99	0.40841	0.5037	0.43888	6.27E-03	3.67E-05	1.18E-02	0.018075	6.40E-03	3.61E-05	1.31E-02	0.019532	6.08E-03	4.58E-05	2.51E-02	3.13E-02
2026	494511.06	3859501.99	0.40038	0.49408	0.43106	6.14E-03	3.60E-05	1.16E-02	0.017741	6.28E-03	3.54E-05	1.29E-02	0.019173	5.96E-03	4.49E-05	2.47E-02	3.07E-02
2027	494561.06	3859501.99	0.39343	0.48488	0.42713	6.04E-03	3.53E-05	1.15E-02	0.017528	6.17E-03	3.47E-05	1.27E-02	0.018946	5.86E-03	4.41E-05	2.45E-02	3.04E-02
2028	494611.06	3859501.99	0.3956	0.49024	0.43026	6.07E-03	3.57E-05	1.15E-02	0.017646	6.20E-03	3.51E-05	1.28E-02	0.019073	5.89E-03	4.46E-05	2.46E-02	3.06E-02
2029	494661.06	3859501.99	0.38865	0.49198	0.42367	5.96E-03	3.58E-05	1.14E-02	0.017363	6.09E-03	3.53E-05	1.26E-02	0.018768	5.79E-03	4.48E-05	2.43E-02	3.01E-02
2030	494711.06	3859501.99	0.37964	0.49083	0.4105	5.83E-03	3.57E-05	1.10E-02	0.016871	5.95E-03	3.52E-05	1.22E-02	0.018234	5.66E-03	4.46E-05	2.35E-02	2.92E-02
2031	494761.06	3859501.99	0.38013	0.4937	0.40725	5.83E-03	3.59E-05	1.09E-02	0.016792	5.96E-03	3.54E-05	1.21E-02	0.018145	5.66E-03	4.49E-05	2.33E-02	2.90E-02
2032	494811.06	3859501.99	0.36467	0.48678	0.39077	5.60E-03	3.54E-05	1.05E-02	0.016112	5.72E-03	3.49E-05	1.17E-02	0.01741	5.43E-03	4.43E-05	2.24E-02	2.79E-02
2033	494861.06	3859501.99	0.35565	0.48426	0.38383	5.46E-03	3.53E-05	1.03E-02	0.015787	5.58E-03	3.47E-05	1.15E-02	0.017062	5.30E-03	4.40E-05	2.20E-02	2.73E-02
2034	494911.06	3859501.99	0.3494	0.48356	0.37948	5.36E-03	3.52E-05	1.02E-02	0.015575	5.48E-03	3.46E-05	1.13E-02	0.016834	5.21E-03	4.40E-05	2.17E-02	2.70E-02
2035	494961.06	3859501.99	0.33878	0.47401	0.37104	5.20E-03	3.45E-05	9.95E-03	0.015185	5.31E-03	3.40E-05	1.11E-02	0.016415	5.05E-03	4.31E-05	2.13E-02	2.63E-02
2036	495011.06	3859501.99	0.33331	0.47408	0.36725	5.11E-03	3.45E-05	9.85E-03	0.014999	5.23E-03	3.40E-05	1.10E-02	0.016216	4.97E-03	4.31E-05	2.10E-02	2.60E-02
2037	495061.06	3859501.99	0.32924	0.46297	0.36378	5.05E-03	3.37E-05	9.76E-03	0.014843	5.16E-03	3.32E-05	1.09E-02	0.016048	4.90E-03	4.21E-05	2.08E-02	2.58E-02
2038	495111.06	3859501.99	0.32128	0.46249	0.3561	4.93E-03	3.37E-05	9.55E-03	0.014515	5.04E-03	3.31E-05	1.06E-02	0.015694	4.79E-03	4.21E-05	2.04E-02	2.52E-02
2039	495161.06	3859501.99	0.31866	0.46638	0.35322	4.89E-03	3.39E-05	9.47E-03	0.014397	5.00E-03	3.34E-05	1.05E-02	0.015567	4.75E-03	4.24E-05	2.02E-02	2.50E-02
2040	495211.06	3859501.99	0.32079	0.47149	0.35218	4.92E-03	3.43E-05	9.45E-03	0.014403	5.03E-03	3.38E-05	1.05E-02	0.01557	4.78E-03	4.29E-05	2.02E-02	2.50E-02
2041	495261.06	3859501.99	0.32072	0.45202	0.34934	4.92E-03	3.29E-05	9.37E-03	0.014324	5.03E-03	3.24E-05	1.04E-02	0.015483	4.78E-03	4.11E-05	2.00E-02	2.48E-02
2042	495311.06	3859501.99	0.32148	0.45564	0.34732	4.93E-03	3.32E-05	9.32E-03	0.014282	5.04E-03	3.26E-05	1.04E-02	0.015435	4.79E-03	4.14E-05	1.99E-02	2.47E-02
2043	495361.06	3859501.99	0.32048	0.45717	0.34652	4.92E-03	3.33E-05	9.29E-03	0.014245	5.02E-03	3.28E-05	1.03E-02	0.015395	4.77E-03	4.16E-05	1.99E-02	2.47E-02
2044	495411.06	3859501.99	0.3197	0.45754	0.34589	4.91E-03	3.33E-05	9.28E-03	0.014216	5.01E-03	3.28E-05	1.03E-02	0.015364	4.76E-03	4.16E-05	1.98E-02	2.46E-02
2045	495461.06	3859501.99	0.31777	0.45505	0.3444	4.88E-03	3.31E-05	9.24E-03	0.014146	4.98E-03	3.26E-05	1.03E-02	0.015289	4.73E-03	4.14E-05	1.97E-02	2.45E-02
2046	495511.06	3859501.99	0.30955	0.43365	0.33815	4.75E-03	3.16E-05	9.07E-03	0.013851	4.85E-03	3.11E-05	1.01E-02	0.014972	4.61E-03	3.94E-05	1.94E-02	2.40E-02
2047	495561.06	3859501.99	0.31049	0.41419	0.33854	4.76E-03	3.01E-05	9.08E-03	0.013874	4.87E-03	2.97E-05	1.01E-02	0.014997	4.63E-03	3.77E-05	1.94E-02	2.41E-02
2048	495611.06	3859501.99	0.3083	0.39923	0.3354	4.73E-03	2.91E-05	9.00E-03	0.013756	4.83E-03	2.86E-05	1.00E-02	0.014868	4.59E-03	3.63E-05	1.92E-02	2.38E-02
2049	495661.06	3859501.99	0.30551	0.37699	0.3307	4.69E-03	2.74E-05	8.87E-03	0.013585	4.79E-03	2.70E-05	9.87E-03	0.014683	4.55E-03	3.43E-05	1.89E-02	2.35E-02
2050	494311.06	3859551.99	0.43761	0.489	0.4892	6.72E-03	3.56E-05	1.31E-02	0.019871	6.86E-03	3.50E-05	1.46E-02	0.02149	6.52E-03	4.45E-05	2.80E-02	3.46E-02
2051	494361.06	3859551.99	0.42802	0.467	0.47596	6.57E-03	3.40E-05	1.28E-02	0.019368	6.71E-03	3.35E-05	1.42E-02	0.020943	6.38E-03	4.25E-05	2.73E-02	3.37E-02
2052	494411.06	3859551.99	0.41379	0.47666	0.45782	6.35E-03	3.47E-05	1.23E-02	0.018663	6.49E-03	3.42E-05	1.37E-02	0.02018	6.16E-03	4.34E-05	2.62E-02	3.24E-02
2053	494461.06	3859551.99	0.41616	0.46697	0.4544	6.39E-03	3.40E-05	1.22E-02	0.018607	6.53E-03	3.35E-05	1.36E-02	0.020114	6.20E-03	4.25E-05	2.60E-02	3.23E-02
2054	494511.06	3859551.99	0.40877	0.46316	0.44225	6.27E-03	3.37E-05	1.19E-02	0.018168	6.41E-03	3.32E-05	1.32E-02	0.019636	6.09E-03	4.21E-05	2.53E-02	3.15E-02
2055	494561.06	3859551.99	0.40309	0.48097	0.43295	6.19E-03	3.50E-05	1.16E-02	0.017832	6.32E-03	3.45E-05	1.29E-02	0.01927	6.00E-03	4.37E-05	2.48E-02	3.09E-02
2056	494611.06	3859551.99	0.39989	0.4995	0.42997	6.14E-03	3.64E-05	1.15E-02	0.017705	6.27E-03	3.58E-05	1.28E-02	0.019133	5.96E-03	4.54E-05	2.46E-02	3.06E-02
2057	494661.06	3859551.99	0.39488	0.49714	0.42479	6.06E-03	3.62E-05	1.14E-02	0.017489	6.19E-03	3.56E-05	1.27E-02	0.018899	5.88E-03	4.52E-05	2.43E-02	3.03E-02
2058	494711.06	3859551.99	0.37869	0.47529	0.40945	5.81E-03	3.46E-05	1.10E-02	0.016827	5.94E-03	3.41E-05	1.22E-02	0.018186	5.64E-03	4.32E-05	2.35E-02	2.91E-02
2059	494761.06	3859551.99	0.38142	0.48445	0.41514	5.85E-03	3.53E-05	1.11E-02	0.017022	5.98E-03	3.47E-05	1.24E-02	0.0184	5.68E-03	4.41E-05	2.38E-02	2.95E-02
2060	494811.06	3859551.99	0.3718	0.48353	0.40618	5.71E-03	3.52E-05	1.09E-02	0.016634	5.83E-03	3.46E-05	1.21E-02	0.017981	5.54E-03	4.40E-05	2.33E-02	2.89E-02
2061	494861.06	3859551.99	0.36897	0.48492	0.4013	5.66E-03	3.53E-05	1.08E-02	0.01646	5.79E-03	3.47E-05	1.20E-02	0.017792	5.50E-03	4.41E-05	2.30E-02	2.85E-02
2062	494911.06	3859551.99	0.36475	0.48402	0.39326	5.60E-03	3.52E-05	1.05E-02	0.01618	5.72E-03	3.47E-05	1.17E-02	0.017485	5.43E-03	4.40E-05	2.25E-02	2.80E-02
2063	494961.06	3859551.99	0.36116	0.48371	0.38901	5.54E-03	3.52E-05	1.04E-02	0.016011	5.66E-03	3.47E-05	1.16E-02	0.017302	5.38E-03	4.40E-05	2.23E-02	2.77E-02
2064	495011.06	3859551.99	0.35634	0.48246	0.38577	5.47E-03	3.51E-05	1.03E-02	0.01585	5.59E-03	3.46E-05	1.15E-02	0.01713	5.31E-03	4.39E-05	2.21E-02	2.75E-02

2065	495061.06	3859551.99	0.34871	0.48044	0.38002	5.35E-03	3.50E-05	1.02E-02	0.015578	5.47E-03	3.44E-05	1.13E-02	0.016839	5.19E-03	4.37E-05	2.18E-02	2.70E-02
2066	495111.06	3859551.99	0.33956	0.48285	0.37283	5.21E-03	3.51E-05	1.00E-02	0.015245	5.32E-03	3.46E-05	1.11E-02	0.016481	5.06E-03	4.39E-05	2.14E-02	2.65E-02
2067	495161.06	3859551.99	0.3354	0.46787	0.37017	5.15E-03	3.41E-05	9.93E-03	0.015109	5.26E-03	3.35E-05	1.10E-02	0.016335	5.00E-03	4.26E-05	2.12E-02	2.62E-02
2068	495211.06	3859551.99	0.33254	0.47166	0.36866	5.10E-03	3.43E-05	9.89E-03	0.015025	5.21E-03	3.38E-05	1.10E-02	0.016246	4.95E-03	4.29E-05	2.11E-02	2.61E-02
2069	495261.06	3859551.99	0.3275	0.47421	0.36332	5.03E-03	3.45E-05	9.74E-03	0.014804	5.13E-03	3.40E-05	1.08E-02	0.016008	4.88E-03	4.31E-05	2.08E-02	2.57E-02
2070	495311.06	3859551.99	0.32659	0.4769	0.36155	5.01E-03	3.47E-05	9.70E-03	0.014743	5.12E-03	3.42E-05	1.08E-02	0.015941	4.87E-03	4.34E-05	2.07E-02	2.56E-02
2071	495361.06	3859551.99	0.32658	0.47267	0.35699	5.01E-03	3.44E-05	9.57E-03	0.01462	5.12E-03	3.39E-05	1.06E-02	0.015804	4.87E-03	4.30E-05	2.05E-02	2.54E-02
2072	495411.06	3859551.99	0.32744	0.46446	0.35397	5.02E-03	3.38E-05	9.49E-03	0.014552	5.13E-03	3.33E-05	1.06E-02	0.015727	4.88E-03	4.22E-05	2.03E-02	2.52E-02
2073	495461.06	3859551.99	0.32308	0.46264	0.34735	4.96E-03	3.37E-05	9.32E-03	0.014307	5.07E-03	3.31E-05	1.04E-02	0.015461	4.81E-03	4.21E-05	1.99E-02	2.48E-02
2074	495511.06	3859551.99	0.31827	0.45885	0.34157	4.88E-03	3.34E-05	9.16E-03	0.014078	4.99E-03	3.29E-05	1.02E-02	0.015213	4.74E-03	4.17E-05	1.96E-02	2.43E-02
2075	495561.06	3859551.99	0.31674	0.45753	0.34039	4.86E-03	3.33E-05	9.13E-03	0.014023	4.97E-03	3.28E-05	1.02E-02	0.015154	4.72E-03	4.16E-05	1.95E-02	2.43E-02
2076	495611.06	3859551.99	0.31489	0.45254	0.339	4.83E-03	3.29E-05	9.09E-03	0.013957	4.94E-03	3.24E-05	1.01E-02	0.015083	4.69E-03	4.12E-05	1.94E-02	2.42E-02
2077	495661.06	3859551.99	0.31155	0.42847	0.33645	4.78E-03	3.12E-05	9.02E-03	0.013836	4.88E-03	3.07E-05	1.00E-02	0.014953	4.64E-03	3.90E-05	1.93E-02	2.40E-02
2078	494311.06	3859601.99	0.44222	0.46065	0.50476	6.79E-03	3.35E-05	1.35E-02	0.020357	6.93E-03	3.30E-05	1.51E-02	0.022025	6.59E-03	4.19E-05	2.89E-02	3.55E-02
2079	494361.06	3859601.99	0.43018	0.46398	0.48828	6.60E-03	3.38E-05	1.31E-02	0.019731	6.74E-03	3.32E-05	1.46E-02	0.021345	6.41E-03	4.22E-05	2.80E-02	3.44E-02
2080	494411.06	3859601.99	0.42189	0.47271	0.47603	6.47E-03	3.44E-05	1.28E-02	0.019276	6.61E-03	3.39E-05	1.42E-02	0.02085	6.28E-03	4.30E-05	2.73E-02	3.36E-02
2081	494461.06	3859601.99	0.42356	0.48002	0.4722	6.50E-03	3.49E-05	1.27E-02	0.019199	6.64E-03	3.44E-05	1.41E-02	0.020762	6.31E-03	4.37E-05	2.70E-02	3.34E-02
2082	494511.06	3859601.99	0.41364	0.46674	0.45837	6.35E-03	3.40E-05	1.23E-02	0.018675	6.49E-03	3.34E-05	1.37E-02	0.020193	6.16E-03	4.25E-05	2.63E-02	3.25E-02
2083	494561.06	3859601.99	0.41346	0.46424	0.45289	6.34E-03	3.38E-05	1.21E-02	0.018525	6.48E-03	3.33E-05	1.35E-02	0.020027	6.16E-03	4.22E-05	2.59E-02	3.21E-02
2084	494611.06	3859601.99	0.41087	0.4525	0.44541	6.30E-03	3.29E-05	1.19E-02	0.018284	6.44E-03	3.24E-05	1.33E-02	0.019762	6.12E-03	4.12E-05	2.55E-02	3.17E-02
2085	494661.06	3859601.99	0.39951	0.45986	0.43	6.13E-03	3.35E-05	1.15E-02	0.017697	6.26E-03	3.30E-05	1.28E-02	0.019125	5.95E-03	4.18E-05	2.46E-02	3.06E-02
2086	494711.06	3859601.99	0.38915	0.47301	0.41765	5.97E-03	3.44E-05	1.12E-02	0.017208	6.10E-03	3.39E-05	1.25E-02	0.018595	5.80E-03	4.30E-05	2.39E-02	2.98E-02
2087	494761.06	3859601.99	0.39444	0.49706	0.42464	6.05E-03	3.62E-05	1.14E-02	0.017478	6.18E-03	3.56E-05	1.27E-02	0.018888	5.88E-03	4.52E-05	2.43E-02	3.02E-02
2088	494811.06	3859601.99	0.38287	0.48827	0.41163	5.88E-03	3.55E-05	1.10E-02	0.016951	6.00E-03	3.50E-05	1.23E-02	0.018318	5.70E-03	4.44E-05	2.36E-02	2.93E-02
2089	494861.06	3859601.99	0.3782	0.48464	0.40681	5.80E-03	3.53E-05	1.09E-02	0.01675	5.93E-03	3.47E-05	1.21E-02	0.018101	5.63E-03	4.41E-05	2.33E-02	2.90E-02
2090	494911.06	3859601.99	0.36924	0.47789	0.40004	5.67E-03	3.48E-05	1.07E-02	0.01643	5.79E-03	3.42E-05	1.19E-02	0.017758	5.50E-03	4.35E-05	2.29E-02	2.85E-02
2091	494961.06	3859601.99	0.37082	0.48437	0.40379	5.69E-03	3.53E-05	1.08E-02	0.016555	5.81E-03	3.47E-05	1.20E-02	0.017895	5.52E-03	4.41E-05	2.31E-02	2.87E-02
2092	495011.06	3859601.99	0.36379	0.48201	0.39726	5.58E-03	3.51E-05	1.07E-02	0.016272	5.70E-03	3.45E-05	1.19E-02	0.01759	5.42E-03	4.38E-05	2.28E-02	2.82E-02
2093	495061.06	3859601.99	0.36522	0.48421	0.39625	5.60E-03	3.52E-05	1.06E-02	0.016267	5.73E-03	3.47E-05	1.18E-02	0.017582	5.44E-03	4.40E-05	2.27E-02	2.82E-02
2094	495111.06	3859601.99	0.35881	0.48327	0.38828	5.51E-03	3.52E-05	1.04E-02	0.015955	5.63E-03	3.46E-05	1.16E-02	0.017244	5.35E-03	4.40E-05	2.22E-02	2.76E-02
2095	495161.06	3859601.99	0.35471	0.48519	0.38551	5.44E-03	3.53E-05	1.03E-02	0.015818	5.56E-03	3.48E-05	1.15E-02	0.017097	5.28E-03	4.41E-05	2.21E-02	2.74E-02
2096	495211.06	3859601.99	0.34875	0.47554	0.38111	5.35E-03	3.46E-05	1.02E-02	0.015608	5.47E-03	3.41E-05	1.14E-02	0.016872	5.20E-03	4.33E-05	2.18E-02	2.71E-02
2097	495261.06	3859601.99	0.344	0.47647	0.37774	5.28E-03	3.47E-05	1.01E-02	0.015445	5.39E-03	3.41E-05	1.13E-02	0.016697	5.12E-03	4.33E-05	2.16E-02	2.68E-02
2098	495311.06	3859601.99	0.33984	0.47096	0.37487	5.21E-03	3.43E-05	1.01E-02	0.015303	5.33E-03	3.37E-05	1.12E-02	0.016545	5.06E-03	4.28E-05	2.15E-02	2.66E-02
2099	495361.06	3859601.99	0.33376	0.47572	0.37027	5.12E-03	3.46E-05	9.93E-03	0.015087	5.23E-03	3.41E-05	1.10E-02	0.016313	4.97E-03	4.33E-05	2.12E-02	2.62E-02
2100	495411.06	3859601.99	0.33321	0.48108	0.36959	5.11E-03	3.50E-05	9.91E-03	0.015061	5.22E-03	3.45E-05	1.10E-02	0.016285	4.96E-03	4.38E-05	2.12E-02	2.62E-02
2101	495461.06	3859601.99	0.32752	0.4789	0.36231	5.03E-03	3.49E-05	9.72E-03	0.014778	5.14E-03	3.43E-05	1.08E-02	0.015978	4.88E-03	4.36E-05	2.08E-02	2.57E-02
2102	495511.06	3859601.99	0.3227	0.45945	0.35165	4.95E-03	3.34E-05	9.43E-03	0.014417	5.06E-03	3.29E-05	1.05E-02	0.015583	4.81E-03	4.18E-05	2.01E-02	2.50E-02
2103	495561.06	3859601.99	0.32467	0.46617	0.35041	4.98E-03	3.39E-05	9.40E-03	0.014414	5.09E-03	3.34E-05	1.05E-02	0.015577	4.84E-03	4.24E-05	2.01E-02	2.50E-02
2104	495611.06	3859601.99	0.31833	0.46145	0.34206	4.88E-03	3.36E-05	9.17E-03	0.014093	4.99E-03	3.31E-05	1.02E-02	0.015229	4.74E-03	4.20E-05	1.96E-02	2.44E-02
2105	495661.06	3859601.99	0.31849	0.46306	0.33961	4.89E-03	3.37E-05	9.11E-03	0.014029	4.99E-03	3.32E-05	1.01E-02	0.015158	4.74E-03	4.21E-05	1.95E-02	2.42E-02
2106	494311.06	3859651.99	0.446	0.48794	0.49394	6.84E-03	3.55E-05	1.32E-02	0.020127	6.99E-03	3.50E-05	1.47E-02	0.021763	6.64E-03	4.44E-05	2.83E-02	3.50E-02
2107	494361.06	3859651.99	0.43355	0.4683	0.48767	6.65E-03	3.41E-05	1.31E-02	0.019767	6.80E-03	3.36E-05	1.45E-02	0.02138	6.46E-03	4.26E-05	2.79E-02	3.44E-02
2108	494411.06	3859651.99	0.42928	0.45265	0.48934	6.59E-03	3.29E-05	1.31E-02	0.019745	6.73E-03	3.24E-05	1.46E-02	0.021361	6.40E-03	4.12E-05	2.80E-02	3.45E-02
2109	494461.06	3859651.99	0.42836	0.45064	0.48791	6.57E-03	3.28E-05	1.31E-02	0.019692	6.72E-03	3.23E-05	1.46E-02	0.021304	6.38E-03	4.10E-05	2.79E-02	3.44E-02
2110	494511.06	3859651.99	0.42195	0.46088	0.47875	6.47E-03	3.35E-05	1.28E-02	0.019349	6.62E-03	3.30E-05	1.43E-02	0.020931	6.29E-03	4.19E-05	2.74E-02	3.38E-02
2111	494561.06	3859651.99	0.41929	0.47102	0.47117	6.43E-03	3.43E-05	1.26E-02	0.019105	6.57E-03	3.37E-05	1.41E-02	0.020664	6.25E-03	4.28E-05	2.70E-02	3.33E-02

2112	494611.06	3859651.99	0.41876	0.47305	0.46312	6.43E-03	3.44E-05	1.24E-02	0.018881	6.57E-03	3.39E-05	1.38E-02	0.020416	6.24E-03	4.30E-05	2.65E-02	3.28E-02
2113	494661.06	3859651.99	0.40627	0.46004	0.44743	6.23E-03	3.35E-05	1.20E-02	0.018268	6.37E-03	3.30E-05	1.33E-02	0.019751	6.05E-03	4.18E-05	2.56E-02	3.17E-02
2114	494711.06	3859651.99	0.40309	0.44854	0.43948	6.19E-03	3.27E-05	1.18E-02	0.018005	6.32E-03	3.21E-05	1.31E-02	0.019463	6.00E-03	4.08E-05	2.52E-02	3.12E-02
2115	494761.06	3859651.99	0.40128	0.44363	0.43246	6.16E-03	3.23E-05	1.16E-02	0.017789	6.29E-03	3.18E-05	1.29E-02	0.019225	5.98E-03	4.04E-05	2.48E-02	3.08E-02
2116	494811.06	3859651.99	0.39406	0.4587	0.42384	6.05E-03	3.34E-05	1.14E-02	0.017448	6.18E-03	3.29E-05	1.26E-02	0.018856	5.87E-03	4.17E-05	2.43E-02	3.02E-02
2117	494861.06	3859651.99	0.39054	0.47623	0.4204	5.99E-03	3.47E-05	1.13E-02	0.017303	6.12E-03	3.41E-05	1.25E-02	0.018699	5.82E-03	4.33E-05	2.41E-02	2.99E-02
2118	494911.06	3859651.99	0.38509	0.49122	0.41471	5.91E-03	3.58E-05	1.11E-02	0.017068	6.04E-03	3.52E-05	1.24E-02	0.018445	5.74E-03	4.47E-05	2.38E-02	2.95E-02
2119	494961.06	3859651.99	0.38091	0.49736	0.41054	5.85E-03	3.62E-05	1.10E-02	0.016892	5.97E-03	3.56E-05	1.22E-02	0.018255	5.67E-03	4.52E-05	2.35E-02	2.92E-02
2120	495011.06	3859651.99	0.37578	0.49354	0.40522	5.77E-03	3.59E-05	1.09E-02	0.016671	5.89E-03	3.54E-05	1.21E-02	0.018016	5.60E-03	4.49E-05	2.32E-02	2.89E-02
2121	495061.06	3859651.99	0.37238	0.49453	0.40206	5.71E-03	3.60E-05	1.08E-02	0.016534	5.84E-03	3.54E-05	1.20E-02	0.017868	5.55E-03	4.50E-05	2.30E-02	2.86E-02
2122	495111.06	3859651.99	0.36644	0.49219	0.39747	5.62E-03	3.58E-05	1.07E-02	0.016319	5.75E-03	3.53E-05	1.19E-02	0.017638	5.46E-03	4.48E-05	2.28E-02	2.83E-02
2123	495161.06	3859651.99	0.36431	0.49393	0.39632	5.59E-03	3.60E-05	1.06E-02	0.016256	5.71E-03	3.54E-05	1.18E-02	0.017571	5.43E-03	4.49E-05	2.27E-02	2.82E-02
2124	495211.06	3859651.99	0.36377	0.49612	0.39599	5.58E-03	3.61E-05	1.06E-02	0.016239	5.70E-03	3.55E-05	1.18E-02	0.017552	5.42E-03	4.51E-05	2.27E-02	2.81E-02
2125	495261.06	3859651.99	0.36184	0.48891	0.39234	5.55E-03	3.56E-05	1.05E-02	0.016111	5.67E-03	3.50E-05	1.17E-02	0.017413	5.39E-03	4.45E-05	2.25E-02	2.79E-02
2126	495311.06	3859651.99	0.35632	0.4806	0.38813	5.47E-03	3.50E-05	1.04E-02	0.015913	5.59E-03	3.44E-05	1.16E-02	0.0172	5.31E-03	4.37E-05	2.22E-02	2.76E-02
2127	495361.06	3859651.99	0.3514	0.47125	0.38442	5.39E-03	3.43E-05	1.03E-02	0.015737	5.51E-03	3.38E-05	1.15E-02	0.017012	5.23E-03	4.29E-05	2.20E-02	2.73E-02
2128	495411.06	3859651.99	0.34528	0.46682	0.37965	5.30E-03	3.40E-05	1.02E-02	0.015515	5.41E-03	3.34E-05	1.13E-02	0.016773	5.14E-03	4.25E-05	2.17E-02	2.69E-02
2129	495461.06	3859651.99	0.33534	0.46607	0.37157	5.15E-03	3.39E-05	9.97E-03	0.015145	5.26E-03	3.34E-05	1.11E-02	0.016376	5.00E-03	4.24E-05	2.13E-02	2.63E-02
2130	495511.06	3859651.99	0.32977	0.47091	0.36463	5.06E-03	3.43E-05	9.78E-03	0.014874	5.17E-03	3.37E-05	1.09E-02	0.016082	4.91E-03	4.28E-05	2.09E-02	2.58E-02
2131	495561.06	3859651.99	0.32843	0.4756	0.36383	5.04E-03	3.46E-05	9.76E-03	0.014833	5.15E-03	3.41E-05	1.09E-02	0.016037	4.89E-03	4.33E-05	2.08E-02	2.58E-02
2132	495611.06	3859651.99	0.32539	0.47199	0.35899	4.99E-03	3.44E-05	9.63E-03	0.014656	5.10E-03	3.38E-05	1.07E-02	0.015845	4.85E-03	4.29E-05	2.06E-02	2.55E-02
2133	495661.06	3859651.99	0.32285	0.46505	0.35105	4.95E-03	3.39E-05	9.42E-03	0.014403	5.06E-03	3.33E-05	1.05E-02	0.015568	4.81E-03	4.23E-05	2.01E-02	2.50E-02
2134	494311.06	3859701.99	0.43849	0.50767	0.47119	6.73E-03	3.70E-05	1.26E-02	0.019403	6.88E-03	3.64E-05	1.41E-02	0.020968	6.53E-03	4.62E-05	2.70E-02	3.36E-02
2135	494361.06	3859701.99	0.43378	0.5068	0.46565	6.66E-03	3.69E-05	1.25E-02	0.019182	6.80E-03	3.63E-05	1.39E-02	0.020729	6.46E-03	4.61E-05	2.67E-02	3.32E-02
2136	494411.06	3859701.99	0.43246	0.49371	0.46401	6.64E-03	3.59E-05	1.24E-02	0.019117	6.78E-03	3.54E-05	1.38E-02	0.020658	6.44E-03	4.49E-05	2.66E-02	3.31E-02
2137	494461.06	3859701.99	0.43576	0.47898	0.47324	6.69E-03	3.49E-05	1.27E-02	0.019414	6.83E-03	3.43E-05	1.41E-02	0.020985	6.49E-03	4.36E-05	2.71E-02	3.36E-02
2138	494511.06	3859701.99	0.43034	0.46001	0.47607	6.60E-03	3.35E-05	1.28E-02	0.019406	6.75E-03	3.30E-05	1.42E-02	0.020983	6.41E-03	4.18E-05	2.73E-02	3.37E-02
2139	494561.06	3859701.99	0.42539	0.44156	0.48006	6.53E-03	3.21E-05	1.29E-02	0.019435	6.67E-03	3.16E-05	1.43E-02	0.021023	6.34E-03	4.02E-05	2.75E-02	3.39E-02
2140	494611.06	3859701.99	0.42011	0.44796	0.47893	6.45E-03	3.26E-05	1.28E-02	0.019324	6.59E-03	3.21E-05	1.43E-02	0.020907	6.26E-03	4.07E-05	2.74E-02	3.37E-02
2141	494661.06	3859701.99	0.41	0.45543	0.46407	6.29E-03	3.32E-05	1.24E-02	0.018771	6.43E-03	3.26E-05	1.38E-02	0.020305	6.11E-03	4.14E-05	2.66E-02	3.27E-02
2142	494711.06	3859701.99	0.40603	0.4659	0.45862	6.23E-03	3.39E-05	1.23E-02	0.018565	6.37E-03	3.34E-05	1.37E-02	0.020081	6.05E-03	4.24E-05	2.63E-02	3.24E-02
2143	494761.06	3859701.99	0.40181	0.46829	0.44882	6.17E-03	3.41E-05	1.20E-02	0.018238	6.30E-03	3.36E-05	1.34E-02	0.019723	5.99E-03	4.26E-05	2.57E-02	3.17E-02
2144	494811.06	3859701.99	0.39909	0.45289	0.4386	6.12E-03	3.30E-05	1.18E-02	0.017921	6.26E-03	3.25E-05	1.31E-02	0.019374	5.95E-03	4.12E-05	2.51E-02	3.11E-02
2145	494861.06	3859701.99	0.40129	0.43986	0.43319	6.16E-03	3.20E-05	1.16E-02	0.017808	6.29E-03	3.15E-05	1.29E-02	0.019246	5.98E-03	4.00E-05	2.48E-02	3.08E-02
2146	494911.06	3859701.99	0.3962	0.44458	0.42695	6.08E-03	3.24E-05	1.15E-02	0.017563	6.21E-03	3.19E-05	1.27E-02	0.018981	5.90E-03	4.04E-05	2.45E-02	3.04E-02
2147	494961.06	3859701.99	0.39116	0.45898	0.42173	6.00E-03	3.34E-05	1.13E-02	0.017347	6.13E-03	3.29E-05	1.26E-02	0.018747	5.83E-03	4.17E-05	2.42E-02	3.00E-02
2148	495011.06	3859701.99	0.38814	0.4758	0.41895	5.96E-03	3.46E-05	1.12E-02	0.017227	6.09E-03	3.41E-05	1.25E-02	0.018618	5.78E-03	4.33E-05	2.40E-02	2.98E-02
2149	495061.06	3859701.99	0.38371	0.49053	0.41451	5.89E-03	3.57E-05	1.11E-02	0.017041	6.02E-03	3.51E-05	1.24E-02	0.018417	5.72E-03	4.46E-05	2.37E-02	2.95E-02
2150	495111.06	3859701.99	0.37908	0.50379	0.40983	5.82E-03	3.67E-05	1.10E-02	0.016846	5.94E-03	3.61E-05	1.22E-02	0.018206	5.65E-03	4.58E-05	2.35E-02	2.92E-02
2151	495161.06	3859701.99	0.37389	0.50377	0.40447	5.74E-03	3.67E-05	1.08E-02	0.016622	5.86E-03	3.61E-05	1.21E-02	0.017965	5.57E-03	4.58E-05	2.32E-02	2.88E-02
2152	495211.06	3859701.99	0.36834	0.50101	0.39862	5.65E-03	3.65E-05	1.07E-02	0.01638	5.78E-03	3.59E-05	1.19E-02	0.017703	5.49E-03	4.56E-05	2.28E-02	2.84E-02
2153	495261.06	3859701.99	0.36613	0.49982	0.39712	5.62E-03	3.64E-05	1.07E-02	0.016306	5.74E-03	3.58E-05	1.18E-02	0.017623	5.45E-03	4.55E-05	2.27E-02	2.82E-02
2154	495311.06	3859701.99	0.36182	0.49506	0.39239	5.55E-03	3.60E-05	1.05E-02	0.016112	5.67E-03	3.55E-05	1.17E-02	0.017414	5.39E-03	4.50E-05	2.25E-02	2.79E-02
2155	495361.06	3859701.99	0.35973	0.48896	0.39073	5.52E-03	3.56E-05	1.05E-02	0.016035	5.64E-03	3.50E-05	1.17E-02	0.017332	5.36E-03	4.45E-05	2.24E-02	2.78E-02
2156	495411.06	3859701.99	0.35593	0.48077	0.38745	5.46E-03	3.50E-05	1.04E-02	0.015888	5.58E-03	3.44E-05	1.16E-02	0.017174	5.30E-03	4.37E-05	2.22E-02	2.75E-02
2157	495461.06	3859701.99	0.34981	0.47184	0.3836	5.37E-03	3.43E-05	1.03E-02	0.015691	5.48E-03	3.38E-05	1.14E-02	0.016962	5.21E-03	4.29E-05	2.20E-02	2.72E-02
2158	495511.06	3859701.99	0.3381	0.45941	0.37384	5.19E-03	3.34E-05	1.00E-02	0.015248	5.30E-03	3.29E-05	1.12E-02	0.016487	5.04E-03	4.18E-05	2.14E-02	2.65E-02

2159	495561.06	3859701.99	0.3371	0.45503	0.37338	5.17E-03	3.31E-05	1.00E-02	0.01522	5.29E-03	3.26E-05	1.11E-02	0.016457	5.02E-03	4.14E-05	2.14E-02	2.65E-02
2160	495611.06	3859701.99	0.33433	0.45249	0.36862	5.13E-03	3.29E-05	9.89E-03	0.01505	5.24E-03	3.24E-05	1.10E-02	0.016271	4.98E-03	4.12E-05	2.11E-02	2.61E-02
2161	495661.06	3859701.99	0.33097	0.45566	0.36384	5.08E-03	3.32E-05	9.76E-03	0.01487	5.19E-03	3.26E-05	1.09E-02	0.016076	4.93E-03	4.14E-05	2.08E-02	2.58E-02
2162	494311.06	3859751.99	0.44338	0.49786	0.48104	6.80E-03	3.62E-05	1.29E-02	0.019742	6.95E-03	3.57E-05	1.44E-02	0.021338	6.61E-03	4.53E-05	2.76E-02	3.42E-02
2163	494361.06	3859751.99	0.44043	0.49979	0.47618	6.76E-03	3.64E-05	1.28E-02	0.019566	6.91E-03	3.58E-05	1.42E-02	0.021147	6.56E-03	4.55E-05	2.73E-02	3.39E-02
2164	494411.06	3859751.99	0.43613	0.50176	0.47014	6.69E-03	3.65E-05	1.26E-02	0.019338	6.84E-03	3.60E-05	1.40E-02	0.020899	6.50E-03	4.56E-05	2.69E-02	3.35E-02
2165	494461.06	3859751.99	0.43811	0.50052	0.47075	6.72E-03	3.64E-05	1.26E-02	0.019385	6.87E-03	3.59E-05	1.40E-02	0.020949	6.53E-03	4.55E-05	2.70E-02	3.35E-02
2166	494511.06	3859751.99	0.43775	0.49905	0.47027	6.72E-03	3.63E-05	1.26E-02	0.019367	6.86E-03	3.58E-05	1.40E-02	0.020929	6.52E-03	4.54E-05	2.69E-02	3.35E-02
2167	494561.06	3859751.99	0.43273	0.49069	0.46689	6.64E-03	3.57E-05	1.25E-02	0.019198	6.78E-03	3.52E-05	1.39E-02	0.020748	6.45E-03	4.46E-05	2.67E-02	3.32E-02
2168	494611.06	3859751.99	0.42668	0.47188	0.4619	6.55E-03	3.43E-05	1.24E-02	0.01897	6.69E-03	3.38E-05	1.38E-02	0.020503	6.36E-03	4.29E-05	2.65E-02	3.29E-02
2169	494661.06	3859751.99	0.41851	0.4503	0.45536	6.42E-03	3.28E-05	1.22E-02	0.018668	6.56E-03	3.23E-05	1.36E-02	0.020179	6.23E-03	4.10E-05	2.61E-02	3.24E-02
2170	494711.06	3859751.99	0.41482	0.43318	0.46142	6.37E-03	3.15E-05	1.24E-02	0.018773	6.50E-03	3.10E-05	1.38E-02	0.0203	6.18E-03	3.94E-05	2.64E-02	3.27E-02
2171	494761.06	3859751.99	0.40971	0.44379	0.46534	6.29E-03	3.23E-05	1.25E-02	0.0188	6.42E-03	3.18E-05	1.39E-02	0.020338	6.10E-03	4.04E-05	2.67E-02	3.28E-02
2172	494811.06	3859751.99	0.40358	0.45311	0.45807	6.19E-03	3.30E-05	1.23E-02	0.018512	6.33E-03	3.25E-05	1.37E-02	0.020026	6.01E-03	4.12E-05	2.62E-02	3.23E-02
2173	494861.06	3859751.99	0.39803	0.46126	0.45054	6.11E-03	3.36E-05	1.21E-02	0.018225	6.24E-03	3.31E-05	1.34E-02	0.019714	5.93E-03	4.20E-05	2.58E-02	3.18E-02
2174	494911.06	3859751.99	0.39894	0.46619	0.44267	6.12E-03	3.39E-05	1.19E-02	0.018028	6.26E-03	3.34E-05	1.32E-02	0.019494	5.94E-03	4.24E-05	2.54E-02	3.13E-02
2175	494961.06	3859751.99	0.40006	0.45326	0.43472	6.14E-03	3.30E-05	1.17E-02	0.017831	6.27E-03	3.25E-05	1.30E-02	0.019274	5.96E-03	4.12E-05	2.49E-02	3.09E-02
2176	495011.06	3859751.99	0.39835	0.43902	0.43023	6.11E-03	3.20E-05	1.15E-02	0.017684	6.25E-03	3.15E-05	1.28E-02	0.019112	5.93E-03	3.99E-05	2.46E-02	3.06E-02
2177	495061.06	3859751.99	0.39522	0.44659	0.42734	6.06E-03	3.25E-05	1.15E-02	0.017559	6.20E-03	3.20E-05	1.27E-02	0.018977	5.89E-03	4.06E-05	2.45E-02	3.04E-02
2178	495111.06	3859751.99	0.39078	0.46022	0.42293	6.00E-03	3.35E-05	1.13E-02	0.017373	6.13E-03	3.30E-05	1.26E-02	0.018777	5.82E-03	4.19E-05	2.42E-02	3.01E-02
2179	495161.06	3859751.99	0.38581	0.47468	0.41786	5.92E-03	3.46E-05	1.12E-02	0.017162	6.05E-03	3.40E-05	1.25E-02	0.018549	5.75E-03	4.32E-05	2.39E-02	2.97E-02
2180	495211.06	3859751.99	0.38054	0.48776	0.41238	5.84E-03	3.55E-05	1.11E-02	0.016935	5.97E-03	3.49E-05	1.23E-02	0.018304	5.67E-03	4.44E-05	2.36E-02	2.93E-02
2181	495261.06	3859751.99	0.37673	0.49816	0.4088	5.78E-03	3.63E-05	1.10E-02	0.016781	5.91E-03	3.57E-05	1.22E-02	0.018138	5.61E-03	4.53E-05	2.34E-02	2.91E-02
2182	495311.06	3859751.99	0.37173	0.49721	0.40366	5.70E-03	3.62E-05	1.08E-02	0.016567	5.83E-03	3.56E-05	1.20E-02	0.017906	5.54E-03	4.52E-05	2.31E-02	2.87E-02
2183	495361.06	3859751.99	0.36698	0.49512	0.39888	5.63E-03	3.60E-05	1.07E-02	0.016366	5.75E-03	3.55E-05	1.19E-02	0.017689	5.47E-03	4.50E-05	2.28E-02	2.84E-02
2184	495411.06	3859751.99	0.3622	0.49173	0.3941	5.56E-03	3.58E-05	1.06E-02	0.016164	5.68E-03	3.52E-05	1.18E-02	0.017471	5.40E-03	4.47E-05	2.26E-02	2.80E-02
2185	495461.06	3859751.99	0.35571	0.48629	0.38698	5.46E-03	3.54E-05	1.04E-02	0.015873	5.58E-03	3.48E-05	1.15E-02	0.017157	5.30E-03	4.42E-05	2.22E-02	2.75E-02
2186	495511.06	3859751.99	0.35113	0.47947	0.38125	5.39E-03	3.49E-05	1.02E-02	0.015648	5.51E-03	3.44E-05	1.14E-02	0.016913	5.23E-03	4.36E-05	2.18E-02	2.71E-02
2187	495561.06	3859751.99	0.34905	0.47193	0.37961	5.36E-03	3.44E-05	1.02E-02	0.015572	5.47E-03	3.38E-05	1.13E-02	0.016831	5.20E-03	4.29E-05	2.17E-02	2.70E-02
2188	495611.06	3859751.99	0.34452	0.46308	0.3779	5.29E-03	3.37E-05	1.01E-02	0.015456	5.40E-03	3.32E-05	1.13E-02	0.016709	5.13E-03	4.21E-05	2.16E-02	2.68E-02
2189	495661.06	3859751.99	0.34009	0.45403	0.37651	5.22E-03	3.30E-05	1.01E-02	0.01535	5.33E-03	3.25E-05	1.12E-02	0.016597	5.07E-03	4.13E-05	2.16E-02	2.67E-02
2190	494311.06	3859801.99	0.44636	0.48305	0.49039	6.85E-03	3.52E-05	1.32E-02	0.020037	7.00E-03	3.46E-05	1.46E-02	0.021663	6.65E-03	4.39E-05	2.81E-02	3.48E-02
2191	494361.06	3859801.99	0.44212	0.48692	0.48443	6.78E-03	3.54E-05	1.30E-02	0.019812	6.93E-03	3.49E-05	1.45E-02	0.021419	6.59E-03	4.43E-05	2.78E-02	3.44E-02
2192	494411.06	3859801.99	0.43718	0.48983	0.47747	6.71E-03	3.57E-05	1.28E-02	0.01955	6.85E-03	3.51E-05	1.42E-02	0.021134	6.51E-03	4.46E-05	2.74E-02	3.39E-02
2193	494461.06	3859801.99	0.43878	0.48864	0.47655	6.73E-03	3.56E-05	1.28E-02	0.01955	6.88E-03	3.50E-05	1.42E-02	0.021131	6.54E-03	4.44E-05	2.73E-02	3.39E-02
2194	494511.06	3859801.99	0.43996	0.49397	0.47573	6.75E-03	3.60E-05	1.28E-02	0.019547	6.90E-03	3.54E-05	1.42E-02	0.021126	6.55E-03	4.49E-05	2.73E-02	3.39E-02
2195	494561.06	3859801.99	0.43418	0.49284	0.47132	6.66E-03	3.59E-05	1.26E-02	0.019339	6.81E-03	3.53E-05	1.41E-02	0.020903	6.47E-03	4.48E-05	2.70E-02	3.35E-02
2196	494611.06	3859801.99	0.42677	0.492	0.46437	6.55E-03	3.58E-05	1.25E-02	0.019039	6.69E-03	3.53E-05	1.39E-02	0.02058	6.36E-03	4.48E-05	2.66E-02	3.30E-02
2197	494661.06	3859801.99	0.42632	0.4897	0.46064	6.54E-03	3.56E-05	1.24E-02	0.018932	6.68E-03	3.51E-05	1.37E-02	0.020461	6.35E-03	4.45E-05	2.64E-02	3.28E-02
2198	494711.06	3859801.99	0.42101	0.48045	0.45559	6.46E-03	3.50E-05	1.22E-02	0.018715	6.60E-03	3.44E-05	1.36E-02	0.020227	6.27E-03	4.37E-05	2.61E-02	3.24E-02
2199	494761.06	3859801.99	0.41736	0.46454	0.45664	6.40E-03	3.38E-05	1.22E-02	0.018686	6.54E-03	3.33E-05	1.36E-02	0.0202	6.22E-03	4.23E-05	2.62E-02	3.24E-02
2200	494811.06	3859801.99	0.41175	0.44586	0.45272	6.32E-03	3.25E-05	1.21E-02	0.018493	6.46E-03	3.19E-05	1.35E-02	0.019994	6.13E-03	4.06E-05	2.59E-02	3.21E-02
2201	494861.06	3859801.99	0.40653	0.43062	0.45013	6.24E-03	3.13E-05	1.21E-02	0.018342	6.37E-03	3.09E-05	1.34E-02	0.019833	6.06E-03	3.92E-05	2.58E-02	3.19E-02
2202	494911.06	3859801.99	0.4006	0.44012	0.45047	6.15E-03	3.20E-05	1.21E-02	0.018261	6.28E-03	3.15E-05	1.34E-02	0.019751	5.97E-03	4.00E-05	2.58E-02	3.18E-02
2203	494961.06	3859801.99	0.39505	0.45167	0.44935	6.06E-03	3.29E-05	1.21E-02	0.018147	6.19E-03	3.24E-05	1.34E-02	0.019632	5.89E-03	4.11E-05	2.57E-02	3.17E-02
2204	495011.06	3859801.99	0.39041	0.45761	0.44171	5.99E-03	3.33E-05	1.18E-02	0.017871	6.12E-03	3.28E-05	1.32E-02	0.019331	5.82E-03	4.16E-05	2.53E-02	3.12E-02
2205	495061.06	3859801.99	0.39262	0.46102	0.4353	6.02E-03	3.36E-05	1.17E-02	0.017733	6.16E-03	3.30E-05	1.30E-02	0.019175	5.85E-03	4.19E-05	2.49E-02	3.08E-02

2206	495111.06	3859801.99	0.3921	0.44907	0.43054	6.02E-03	3.27E-05	1.15E-02	0.017597	6.15E-03	3.22E-05	1.28E-02	0.019024	5.84E-03	4.08E-05	2.47E-02	3.05E-02
2207	495161.06	3859801.99	0.39185	0.43838	0.42593	6.01E-03	3.19E-05	1.14E-02	0.017469	6.14E-03	3.14E-05	1.27E-02	0.018882	5.84E-03	3.99E-05	2.44E-02	3.03E-02
2208	495211.06	3859801.99	0.38973	0.44599	0.42254	5.98E-03	3.25E-05	1.13E-02	0.017346	6.11E-03	3.20E-05	1.26E-02	0.018748	5.81E-03	4.06E-05	2.42E-02	3.01E-02
2209	495261.06	3859801.99	0.38483	0.45733	0.41753	5.91E-03	3.33E-05	1.12E-02	0.017137	6.03E-03	3.28E-05	1.25E-02	0.018522	5.73E-03	4.16E-05	2.39E-02	2.97E-02
2210	495311.06	3859801.99	0.38125	0.47142	0.41417	5.85E-03	3.43E-05	1.11E-02	0.016993	5.98E-03	3.38E-05	1.24E-02	0.018367	5.68E-03	4.29E-05	2.37E-02	2.94E-02
2211	495361.06	3859801.99	0.37651	0.48389	0.4094	5.78E-03	3.52E-05	1.10E-02	0.016793	5.90E-03	3.47E-05	1.22E-02	0.018151	5.61E-03	4.40E-05	2.35E-02	2.91E-02
2212	495411.06	3859801.99	0.37105	0.48977	0.40362	5.69E-03	3.57E-05	1.08E-02	0.016555	5.82E-03	3.51E-05	1.20E-02	0.017894	5.53E-03	4.46E-05	2.31E-02	2.87E-02
2213	495461.06	3859801.99	0.36632	0.48871	0.39883	5.62E-03	3.56E-05	1.07E-02	0.016354	5.74E-03	3.50E-05	1.19E-02	0.017677	5.46E-03	4.45E-05	2.28E-02	2.83E-02
2214	495511.06	3859801.99	0.35986	0.48582	0.39172	5.52E-03	3.54E-05	1.05E-02	0.016064	5.64E-03	3.48E-05	1.17E-02	0.017363	5.36E-03	4.42E-05	2.24E-02	2.78E-02
2215	495561.06	3859801.99	0.35546	0.48223	0.38739	5.45E-03	3.51E-05	1.04E-02	0.01588	5.57E-03	3.46E-05	1.16E-02	0.017165	5.30E-03	4.39E-05	2.22E-02	2.75E-02
2216	495611.06	3859801.99	0.35229	0.47781	0.38476	5.41E-03	3.48E-05	1.03E-02	0.01576	5.52E-03	3.42E-05	1.15E-02	0.017036	5.25E-03	4.35E-05	2.20E-02	2.73E-02
2217	495661.06	3859801.99	0.34714	0.47111	0.37921	5.33E-03	3.43E-05	1.02E-02	0.015532	5.44E-03	3.38E-05	1.13E-02	0.016789	5.17E-03	4.29E-05	2.17E-02	2.69E-02
2218	494311.06	3859851.99	0.44553	0.48223	0.48305	6.84E-03	3.51E-05	1.30E-02	0.019827	6.99E-03	3.46E-05	1.44E-02	0.021431	6.64E-03	4.39E-05	2.77E-02	3.44E-02
2219	494361.06	3859851.99	0.44293	0.4818	0.47972	6.80E-03	3.51E-05	1.29E-02	0.019698	6.94E-03	3.45E-05	1.43E-02	0.02129	6.60E-03	4.38E-05	2.75E-02	3.41E-02
2220	494411.06	3859851.99	0.43937	0.47493	0.47591	6.74E-03	3.46E-05	1.28E-02	0.019541	6.89E-03	3.40E-05	1.42E-02	0.02112	6.55E-03	4.32E-05	2.73E-02	3.39E-02
2221	494461.06	3859851.99	0.43718	0.47895	0.47711	6.71E-03	3.49E-05	1.28E-02	0.01954	6.85E-03	3.43E-05	1.42E-02	0.021122	6.51E-03	4.36E-05	2.73E-02	3.39E-02
2222	494511.06	3859851.99	0.43754	0.48205	0.48019	6.71E-03	3.51E-05	1.29E-02	0.019628	6.86E-03	3.45E-05	1.43E-02	0.02122	6.52E-03	4.38E-05	2.75E-02	3.41E-02
2223	494561.06	3859851.99	0.43819	0.47704	0.47833	6.72E-03	3.47E-05	1.28E-02	0.019588	6.87E-03	3.42E-05	1.43E-02	0.021174	6.53E-03	4.34E-05	2.74E-02	3.40E-02
2224	494611.06	3859851.99	0.43183	0.48389	0.47037	6.63E-03	3.52E-05	1.26E-02	0.019277	6.77E-03	3.47E-05	1.40E-02	0.020838	6.43E-03	4.40E-05	2.69E-02	3.34E-02
2225	494661.06	3859851.99	0.42712	0.48535	0.46732	6.55E-03	3.53E-05	1.25E-02	0.019123	6.70E-03	3.48E-05	1.39E-02	0.020673	6.36E-03	4.41E-05	2.68E-02	3.32E-02
2226	494711.06	3859851.99	0.42051	0.48492	0.46073	6.45E-03	3.53E-05	1.24E-02	0.018845	6.59E-03	3.47E-05	1.37E-02	0.020373	6.26E-03	4.41E-05	2.64E-02	3.27E-02
2227	494761.06	3859851.99	0.42391	0.48252	0.461	6.50E-03	3.51E-05	1.24E-02	0.018904	6.65E-03	3.46E-05	1.38E-02	0.020434	6.32E-03	4.39E-05	2.64E-02	3.28E-02
2228	494811.06	3859851.99	0.4186	0.47958	0.45777	6.42E-03	3.49E-05	1.23E-02	0.018736	6.56E-03	3.44E-05	1.37E-02	0.020254	6.24E-03	4.36E-05	2.62E-02	3.25E-02
2229	494861.06	3859851.99	0.41355	0.4749	0.45592	6.35E-03	3.46E-05	1.22E-02	0.018609	6.48E-03	3.40E-05	1.36E-02	0.020119	6.16E-03	4.32E-05	2.61E-02	3.23E-02
2230	494911.06	3859851.99	0.40806	0.45708	0.45193	6.26E-03	3.33E-05	1.21E-02	0.018416	6.40E-03	3.28E-05	1.35E-02	0.019913	6.08E-03	4.16E-05	2.59E-02	3.20E-02
2231	494961.06	3859851.99	0.40266	0.43917	0.44888	6.18E-03	3.20E-05	1.20E-02	0.01825	6.31E-03	3.15E-05	1.34E-02	0.019736	6.00E-03	3.99E-05	2.57E-02	3.18E-02
2232	495011.06	3859851.99	0.39718	0.42715	0.44557	6.09E-03	3.11E-05	1.20E-02	0.018076	6.23E-03	3.06E-05	1.33E-02	0.01955	5.92E-03	3.89E-05	2.55E-02	3.15E-02
2233	495061.06	3859851.99	0.39173	0.44295	0.44287	6.01E-03	3.22E-05	1.19E-02	0.017921	6.14E-03	3.17E-05	1.32E-02	0.019386	5.84E-03	4.03E-05	2.54E-02	3.12E-02
2234	495111.06	3859851.99	0.38591	0.44476	0.43975	5.92E-03	3.24E-05	1.18E-02	0.017749	6.05E-03	3.19E-05	1.31E-02	0.019201	5.75E-03	4.05E-05	2.52E-02	3.10E-02
2235	495161.06	3859851.99	0.38269	0.45255	0.43439	5.87E-03	3.29E-05	1.17E-02	0.017556	6.00E-03	3.24E-05	1.30E-02	0.018992	5.70E-03	4.12E-05	2.49E-02	3.06E-02
2236	495211.06	3859851.99	0.3838	0.45453	0.43068	5.89E-03	3.31E-05	1.16E-02	0.017474	6.02E-03	3.26E-05	1.28E-02	0.018898	5.72E-03	4.13E-05	2.47E-02	3.04E-02
2237	495261.06	3859851.99	0.38426	0.44395	0.42652	5.90E-03	3.23E-05	1.14E-02	0.017368	6.02E-03	3.18E-05	1.27E-02	0.018781	5.72E-03	4.04E-05	2.44E-02	3.02E-02
2238	495311.06	3859851.99	0.386	0.43828	0.42312	5.92E-03	3.19E-05	1.13E-02	0.017303	6.05E-03	3.14E-05	1.26E-02	0.018706	5.75E-03	3.99E-05	2.42E-02	3.00E-02
2239	495361.06	3859851.99	0.3852	0.44499	0.41918	5.91E-03	3.24E-05	1.12E-02	0.017186	6.04E-03	3.19E-05	1.25E-02	0.018577	5.74E-03	4.05E-05	2.40E-02	2.98E-02
2240	495411.06	3859851.99	0.38031	0.45465	0.41411	5.84E-03	3.31E-05	1.11E-02	0.016976	5.96E-03	3.26E-05	1.24E-02	0.018349	5.67E-03	4.14E-05	2.37E-02	2.94E-02
2241	495461.06	3859851.99	0.37541	0.46716	0.40905	5.76E-03	3.40E-05	1.10E-02	0.016766	5.89E-03	3.35E-05	1.22E-02	0.018122	5.59E-03	4.25E-05	2.34E-02	2.91E-02
2242	495511.06	3859851.99	0.36993	0.47819	0.40319	5.68E-03	3.48E-05	1.08E-02	0.016525	5.80E-03	3.43E-05	1.20E-02	0.017863	5.51E-03	4.35E-05	2.31E-02	2.87E-02
2243	495561.06	3859851.99	0.36622	0.48128	0.39971	5.62E-03	3.50E-05	1.07E-02	0.016375	5.74E-03	3.45E-05	1.19E-02	0.017701	5.46E-03	4.38E-05	2.29E-02	2.84E-02
2244	495611.06	3859851.99	0.36217	0.47988	0.39587	5.56E-03	3.49E-05	1.06E-02	0.01621	5.68E-03	3.44E-05	1.18E-02	0.017523	5.40E-03	4.37E-05	2.27E-02	2.81E-02
2245	495661.06	3859851.99	0.35653	0.47723	0.3898	5.47E-03	3.47E-05	1.05E-02	0.01596	5.59E-03	3.42E-05	1.16E-02	0.017253	5.31E-03	4.34E-05	2.23E-02	2.77E-02
2246	494311.06	3859901.99	0.44351	0.49022	0.48289	6.81E-03	3.57E-05	1.30E-02	0.019793	6.95E-03	3.51E-05	1.44E-02	0.021395	6.61E-03	4.46E-05	2.77E-02	3.43E-02
2247	494361.06	3859901.99	0.43912	0.48044	0.47794	6.74E-03	3.50E-05	1.28E-02	0.019592	6.89E-03	3.44E-05	1.43E-02	0.021177	6.54E-03	4.37E-05	2.74E-02	3.40E-02
2248	494411.06	3859901.99	0.4391	0.4709	0.4772	6.74E-03	3.43E-05	1.28E-02	0.019571	6.88E-03	3.37E-05	1.42E-02	0.021154	6.54E-03	4.28E-05	2.73E-02	3.39E-02
2249	494461.06	3859901.99	0.43726	0.47055	0.47485	6.71E-03	3.43E-05	1.27E-02	0.01948	6.86E-03	3.37E-05	1.42E-02	0.021055	6.51E-03	4.28E-05	2.72E-02	3.38E-02
2250	494511.06	3859901.99	0.43665	0.46695	0.47364	6.70E-03	3.40E-05	1.27E-02	0.019438	6.85E-03	3.35E-05	1.41E-02	0.02101	6.50E-03	4.25E-05	2.71E-02	3.37E-02
2251	494561.06	3859901.99	0.43832	0.47016	0.47488	6.73E-03	3.42E-05	1.27E-02	0.019497	6.87E-03	3.37E-05	1.42E-02	0.021073	6.53E-03	4.28E-05	2.72E-02	3.38E-02
2252	494611.06	3859901.99	0.43259	0.47407	0.46973	6.64E-03	3.45E-05	1.26E-02	0.019271	6.78E-03	3.40E-05	1.40E-02	0.02083	6.44E-03	4.31E-05	2.69E-02	3.34E-02

2253	494661.06	3859901.99	0.43051	0.47159	0.47527	6.61E-03	3.43E-05	1.27E-02	0.019388	6.75E-03	3.38E-05	1.42E-02	0.020962	6.41E-03	4.29E-05	2.72E-02	3.37E-02
2254	494711.06	3859901.99	0.42521	0.46911	0.46855	6.52E-03	3.41E-05	1.26E-02	0.019126	6.67E-03	3.36E-05	1.40E-02	0.020678	6.33E-03	4.27E-05	2.68E-02	3.32E-02
2255	494761.06	3859901.99	0.42048	0.47782	0.46573	6.45E-03	3.48E-05	1.25E-02	0.018978	6.59E-03	3.42E-05	1.39E-02	0.020521	6.26E-03	4.35E-05	2.67E-02	3.30E-02
2256	494811.06	3859901.99	0.41796	0.47067	0.46284	6.41E-03	3.43E-05	1.24E-02	0.018862	6.55E-03	3.37E-05	1.38E-02	0.020395	6.23E-03	4.28E-05	2.65E-02	3.28E-02
2257	494861.06	3859901.99	0.41945	0.46804	0.45995	6.44E-03	3.41E-05	1.23E-02	0.018807	6.58E-03	3.35E-05	1.37E-02	0.020332	6.25E-03	4.26E-05	2.63E-02	3.26E-02
2258	494911.06	3859901.99	0.4144	0.47232	0.4563	6.36E-03	3.44E-05	1.22E-02	0.018632	6.50E-03	3.38E-05	1.36E-02	0.020144	6.17E-03	4.30E-05	2.61E-02	3.24E-02
2259	494961.06	3859901.99	0.40908	0.46845	0.45407	6.28E-03	3.41E-05	1.22E-02	0.01849	6.41E-03	3.36E-05	1.35E-02	0.019994	6.09E-03	4.26E-05	2.60E-02	3.21E-02
2260	495011.06	3859901.99	0.40387	0.464	0.45068	6.20E-03	3.38E-05	1.21E-02	0.018319	6.33E-03	3.32E-05	1.34E-02	0.01981	6.02E-03	4.22E-05	2.58E-02	3.19E-02
2261	495061.06	3859901.99	0.39844	0.44946	0.44756	6.11E-03	3.27E-05	1.20E-02	0.018151	6.25E-03	3.22E-05	1.34E-02	0.019631	5.94E-03	4.09E-05	2.56E-02	3.16E-02
2262	495111.06	3859901.99	0.39296	0.43152	0.44341	6.03E-03	3.14E-05	1.19E-02	0.017954	6.16E-03	3.09E-05	1.32E-02	0.01942	5.85E-03	3.93E-05	2.54E-02	3.13E-02
2263	495161.06	3859901.99	0.38747	0.43076	0.43944	5.95E-03	3.14E-05	1.18E-02	0.017763	6.08E-03	3.09E-05	1.31E-02	0.019216	5.77E-03	3.92E-05	2.52E-02	3.10E-02
2264	495211.06	3859901.99	0.38198	0.43582	0.43693	5.86E-03	3.17E-05	1.17E-02	0.017612	5.99E-03	3.12E-05	1.30E-02	0.019055	5.69E-03	3.96E-05	2.50E-02	3.08E-02
2265	495261.06	3859901.99	0.37625	0.43962	0.42909	5.77E-03	3.20E-05	1.15E-02	0.017314	5.90E-03	3.15E-05	1.28E-02	0.018732	5.61E-03	4.00E-05	2.46E-02	3.02E-02
2266	495311.06	3859901.99	0.37371	0.44694	0.42786	5.73E-03	3.25E-05	1.15E-02	0.017243	5.86E-03	3.20E-05	1.28E-02	0.018656	5.57E-03	4.07E-05	2.45E-02	3.01E-02
2267	495361.06	3859901.99	0.37433	0.44743	0.42558	5.74E-03	3.26E-05	1.14E-02	0.017191	5.87E-03	3.21E-05	1.27E-02	0.018597	5.58E-03	4.07E-05	2.44E-02	3.00E-02
2268	495411.06	3859901.99	0.37374	0.43793	0.42079	5.74E-03	3.19E-05	1.13E-02	0.017053	5.86E-03	3.14E-05	1.26E-02	0.018444	5.57E-03	3.98E-05	2.41E-02	2.97E-02
2269	495461.06	3859901.99	0.37386	0.43679	0.41648	5.74E-03	3.18E-05	1.12E-02	0.016939	5.86E-03	3.13E-05	1.24E-02	0.018318	5.57E-03	3.97E-05	2.39E-02	2.95E-02
2270	495511.06	3859901.99	0.37584	0.44282	0.41318	5.77E-03	3.22E-05	1.11E-02	0.016881	5.89E-03	3.17E-05	1.23E-02	0.018251	5.60E-03	4.03E-05	2.37E-02	2.93E-02
2271	495561.06	3859901.99	0.37489	0.45106	0.40972	5.75E-03	3.28E-05	1.10E-02	0.016774	5.88E-03	3.23E-05	1.22E-02	0.018133	5.58E-03	4.10E-05	2.35E-02	2.91E-02
2272	495611.06	3859901.99	0.37007	0.46249	0.40471	5.68E-03	3.37E-05	1.09E-02	0.016567	5.80E-03	3.31E-05	1.21E-02	0.017909	5.51E-03	4.21E-05	2.32E-02	2.87E-02
2273	495661.06	3859901.99	0.36493	0.47275	0.39921	5.60E-03	3.44E-05	1.07E-02	0.016341	5.72E-03	3.39E-05	1.19E-02	0.017665	5.44E-03	4.30E-05	2.29E-02	2.83E-02
2274	494311.06	3859951.99	0.44063	0.49384	0.49235	6.76E-03	3.59E-05	1.32E-02	0.020003	6.91E-03	3.54E-05	1.47E-02	0.021632	6.56E-03	4.49E-05	2.82E-02	3.48E-02
2275	494361.06	3859951.99	0.43901	0.49537	0.48002	6.74E-03	3.61E-05	1.29E-02	0.019647	6.88E-03	3.55E-05	1.43E-02	0.021239	6.54E-03	4.51E-05	2.75E-02	3.41E-02
2276	494411.06	3859951.99	0.43747	0.47983	0.47746	6.71E-03	3.49E-05	1.28E-02	0.019554	6.86E-03	3.44E-05	1.42E-02	0.021137	6.52E-03	4.36E-05	2.74E-02	3.39E-02
2277	494461.06	3859951.99	0.43607	0.46766	0.47533	6.69E-03	3.40E-05	1.27E-02	0.019474	6.84E-03	3.35E-05	1.42E-02	0.021051	6.50E-03	4.25E-05	2.72E-02	3.38E-02
2278	494511.06	3859951.99	0.43563	0.45916	0.47428	6.68E-03	3.34E-05	1.27E-02	0.019439	6.83E-03	3.29E-05	1.41E-02	0.021012	6.49E-03	4.18E-05	2.72E-02	3.37E-02
2279	494561.06	3859951.99	0.43669	0.45422	0.47587	6.70E-03	3.31E-05	1.28E-02	0.019497	6.85E-03	3.25E-05	1.42E-02	0.021076	6.51E-03	4.13E-05	2.73E-02	3.38E-02
2280	494611.06	3859951.99	0.43342	0.45872	0.4711	6.65E-03	3.34E-05	1.26E-02	0.019319	6.80E-03	3.29E-05	1.41E-02	0.020883	6.46E-03	4.17E-05	2.70E-02	3.35E-02
2281	494661.06	3859951.99	0.43253	0.46161	0.4711	6.64E-03	3.36E-05	1.26E-02	0.019306	6.78E-03	3.31E-05	1.41E-02	0.020869	6.44E-03	4.20E-05	2.70E-02	3.35E-02
2282	494711.06	3859951.99	0.42763	0.46554	0.46656	6.56E-03	3.39E-05	1.25E-02	0.019109	6.70E-03	3.34E-05	1.39E-02	0.020657	6.37E-03	4.23E-05	2.67E-02	3.31E-02
2283	494761.06	3859951.99	0.42259	0.46568	0.46517	6.48E-03	3.39E-05	1.25E-02	0.018995	6.63E-03	3.34E-05	1.39E-02	0.020536	6.30E-03	4.24E-05	2.66E-02	3.30E-02
2284	494811.06	3859951.99	0.41767	0.45834	0.466	6.41E-03	3.34E-05	1.25E-02	0.018941	6.55E-03	3.28E-05	1.39E-02	0.020483	6.22E-03	4.17E-05	2.67E-02	3.30E-02
2285	494861.06	3859951.99	0.41224	0.46821	0.46691	6.33E-03	3.41E-05	1.25E-02	0.018883	6.46E-03	3.35E-05	1.39E-02	0.020426	6.14E-03	4.26E-05	2.67E-02	3.29E-02
2286	494911.06	3859951.99	0.41109	0.46591	0.46173	6.31E-03	3.39E-05	1.24E-02	0.018726	6.45E-03	3.34E-05	1.38E-02	0.020253	6.12E-03	4.24E-05	2.65E-02	3.26E-02
2287	494961.06	3859951.99	0.41164	0.45567	0.45666	6.32E-03	3.32E-05	1.22E-02	0.018598	6.45E-03	3.26E-05	1.36E-02	0.02011	6.13E-03	4.14E-05	2.62E-02	3.23E-02
2288	495011.06	3859951.99	0.40961	0.45394	0.45309	6.29E-03	3.30E-05	1.22E-02	0.018471	6.42E-03	3.25E-05	1.35E-02	0.019972	6.10E-03	4.13E-05	2.60E-02	3.21E-02
2289	495061.06	3859951.99	0.40424	0.45798	0.45064	6.20E-03	3.33E-05	1.21E-02	0.018323	6.34E-03	3.28E-05	1.34E-02	0.019815	6.02E-03	4.17E-05	2.58E-02	3.19E-02
2290	495111.06	3859951.99	0.39929	0.45794	0.4471	6.13E-03	3.33E-05	1.20E-02	0.018152	6.26E-03	3.28E-05	1.33E-02	0.019631	5.95E-03	4.17E-05	2.56E-02	3.16E-02
2291	495161.06	3859951.99	0.39411	0.45301	0.44348	6.05E-03	3.30E-05	1.19E-02	0.017975	6.18E-03	3.25E-05	1.32E-02	0.019442	5.87E-03	4.12E-05	2.54E-02	3.13E-02
2292	495211.06	3859951.99	0.38877	0.44024	0.43978	5.97E-03	3.20E-05	1.18E-02	0.017793	6.10E-03	3.15E-05	1.31E-02	0.019247	5.79E-03	4.00E-05	2.52E-02	3.10E-02
2293	495261.06	3859951.99	0.38334	0.42295	0.43662	5.88E-03	3.08E-05	1.17E-02	0.017624	6.01E-03	3.03E-05	1.30E-02	0.019066	5.71E-03	3.85E-05	2.50E-02	3.08E-02
2294	495311.06	3859951.99	0.37783	0.43172	0.43261	5.80E-03	3.14E-05	1.16E-02	0.017432	5.92E-03	3.09E-05	1.29E-02	0.018861	5.63E-03	3.93E-05	2.48E-02	3.04E-02
2295	495361.06	3859951.99	0.37223	0.42686	0.42626	5.71E-03	3.11E-05	1.14E-02	0.017176	5.84E-03	3.06E-05	1.27E-02	0.018583	5.55E-03	3.88E-05	2.44E-02	3.00E-02
2296	495411.06	3859951.99	0.36738	0.43427	0.41913	5.64E-03	3.16E-05	1.12E-02	0.01691	5.76E-03	3.11E-05	1.25E-02	0.018295	5.47E-03	3.95E-05	2.40E-02	2.95E-02
2297	495461.06	3859951.99	0.36576	0.44099	0.41237	5.61E-03	3.21E-05	1.11E-02	0.016705	5.73E-03	3.16E-05	1.23E-02	0.018068	5.45E-03	4.01E-05	2.36E-02	2.91E-02
2298	495511.06	3859951.99	0.36397	0.44005	0.415	5.59E-03	3.20E-05	1.11E-02	0.016748	5.71E-03	3.15E-05	1.24E-02	0.018119	5.42E-03	4.00E-05	2.38E-02	2.92E-02
2299	495561.06	3859951.99	0.36725	0.43127	0.41735	5.64E-03	3.14E-05	1.12E-02	0.01686	5.76E-03	3.09E-05	1.25E-02	0.01824	5.47E-03	3.92E-05	2.39E-02	2.94E-02

2300	495611.06	3859951.99	0.36701	0.43499	0.41286	5.63E-03	3.17E-05	1.11E-02	0.016737	5.75E-03	3.12E-05	1.23E-02	0.018102	5.47E-03	3.96E-05	2.37E-02	2.92E-02
2301	495661.06	3859951.99	0.36547	0.44022	0.40751	5.61E-03	3.20E-05	1.09E-02	0.01657	5.73E-03	3.15E-05	1.22E-02	0.017919	5.44E-03	4.00E-05	2.33E-02	2.88E-02
2302	494311.06	3860001.99	0.43646	0.53104	0.51689	6.70E-03	3.87E-05	1.39E-02	0.020599	6.84E-03	3.81E-05	1.54E-02	0.022301	6.50E-03	4.83E-05	2.96E-02	3.62E-02
2303	494361.06	3860001.99	0.4354	0.51021	0.50446	6.68E-03	3.71E-05	1.35E-02	0.020248	6.83E-03	3.66E-05	1.50E-02	0.021912	6.49E-03	4.64E-05	2.89E-02	3.54E-02
2304	494411.06	3860001.99	0.43376	0.49426	0.4908	6.66E-03	3.60E-05	1.32E-02	0.019856	6.80E-03	3.54E-05	1.46E-02	0.021478	6.46E-03	4.50E-05	2.81E-02	3.46E-02
2305	494461.06	3860001.99	0.43312	0.48741	0.47954	6.65E-03	3.55E-05	1.29E-02	0.019543	6.79E-03	3.49E-05	1.43E-02	0.021132	6.45E-03	4.43E-05	2.75E-02	3.40E-02
2306	494511.06	3860001.99	0.43173	0.46771	0.47306	6.62E-03	3.40E-05	1.27E-02	0.019347	6.77E-03	3.35E-05	1.41E-02	0.020915	6.43E-03	4.25E-05	2.71E-02	3.36E-02
2307	494561.06	3860001.99	0.43303	0.45338	0.47548	6.64E-03	3.30E-05	1.28E-02	0.019431	6.79E-03	3.25E-05	1.42E-02	0.021007	6.45E-03	4.12E-05	2.72E-02	3.37E-02
2308	494611.06	3860001.99	0.43146	0.44513	0.47272	6.62E-03	3.24E-05	1.27E-02	0.019332	6.76E-03	3.19E-05	1.41E-02	0.020899	6.43E-03	4.05E-05	2.71E-02	3.35E-02
2309	494661.06	3860001.99	0.43042	0.44556	0.47122	6.60E-03	3.24E-05	1.26E-02	0.019276	6.75E-03	3.19E-05	1.41E-02	0.020838	6.41E-03	4.05E-05	2.70E-02	3.34E-02
2310	494711.06	3860001.99	0.42697	0.45119	0.46546	6.55E-03	3.28E-05	1.25E-02	0.019069	6.69E-03	3.23E-05	1.39E-02	0.020613	6.36E-03	4.10E-05	2.67E-02	3.31E-02
2311	494761.06	3860001.99	0.42458	0.45368	0.46604	6.52E-03	3.30E-05	1.25E-02	0.019048	6.66E-03	3.25E-05	1.39E-02	0.020593	6.33E-03	4.13E-05	2.67E-02	3.31E-02
2312	494811.06	3860001.99	0.41948	0.45596	0.46468	6.44E-03	3.32E-05	1.25E-02	0.018933	6.58E-03	3.27E-05	1.39E-02	0.020472	6.25E-03	4.15E-05	2.66E-02	3.29E-02
2313	494861.06	3860001.99	0.41441	0.45637	0.46351	6.36E-03	3.32E-05	1.24E-02	0.018824	6.50E-03	3.27E-05	1.38E-02	0.020358	6.17E-03	4.15E-05	2.66E-02	3.28E-02
2314	494911.06	3860001.99	0.40995	0.45226	0.45819	6.29E-03	3.29E-05	1.23E-02	0.018613	6.43E-03	3.24E-05	1.37E-02	0.020129	6.11E-03	4.11E-05	2.62E-02	3.24E-02
2315	494961.06	3860001.99	0.4048	0.45954	0.45686	6.21E-03	3.35E-05	1.23E-02	0.018498	6.35E-03	3.29E-05	1.36E-02	0.020009	6.03E-03	4.18E-05	2.62E-02	3.22E-02
2316	495011.06	3860001.99	0.40023	0.46118	0.45738	6.14E-03	3.36E-05	1.23E-02	0.018442	6.28E-03	3.30E-05	1.36E-02	0.019953	5.96E-03	4.19E-05	2.62E-02	3.22E-02
2317	495061.06	3860001.99	0.40383	0.45096	0.45519	6.20E-03	3.28E-05	1.22E-02	0.018438	6.33E-03	3.23E-05	1.36E-02	0.019943	6.02E-03	4.10E-05	2.61E-02	3.21E-02
2318	495111.06	3860001.99	0.40418	0.44078	0.45	6.20E-03	3.21E-05	1.21E-02	0.018304	6.34E-03	3.16E-05	1.34E-02	0.019793	6.02E-03	4.01E-05	2.58E-02	3.18E-02
2319	495161.06	3860001.99	0.39969	0.44038	0.44631	6.13E-03	3.21E-05	1.20E-02	0.018136	6.27E-03	3.16E-05	1.33E-02	0.019613	5.95E-03	4.01E-05	2.56E-02	3.16E-02
2320	495211.06	3860001.99	0.39398	0.44368	0.44463	6.05E-03	3.23E-05	1.19E-02	0.018003	6.18E-03	3.18E-05	1.33E-02	0.019473	5.87E-03	4.04E-05	2.55E-02	3.14E-02
2321	495261.06	3860001.99	0.38912	0.44652	0.44147	5.97E-03	3.25E-05	1.18E-02	0.017844	6.10E-03	3.20E-05	1.32E-02	0.019303	5.80E-03	4.06E-05	2.53E-02	3.11E-02
2322	495311.06	3860001.99	0.38365	0.44077	0.43883	5.89E-03	3.21E-05	1.18E-02	0.017689	6.02E-03	3.16E-05	1.31E-02	0.019138	5.72E-03	4.01E-05	2.51E-02	3.09E-02
2323	495361.06	3860001.99	0.37925	0.43188	0.43336	5.82E-03	3.14E-05	1.16E-02	0.017474	5.95E-03	3.09E-05	1.29E-02	0.018905	5.65E-03	3.93E-05	2.48E-02	3.05E-02
2324	495411.06	3860001.99	0.37333	0.42712	0.42808	5.73E-03	3.11E-05	1.15E-02	0.017241	5.85E-03	3.06E-05	1.28E-02	0.018655	5.56E-03	3.89E-05	2.45E-02	3.01E-02
2325	495461.06	3860001.99	0.36801	0.41902	0.42192	5.65E-03	3.05E-05	1.13E-02	0.016994	5.77E-03	3.00E-05	1.26E-02	0.018387	5.48E-03	3.81E-05	2.42E-02	2.97E-02
2326	495511.06	3860001.99	0.36542	0.42161	0.41558	5.61E-03	3.07E-05	1.11E-02	0.016784	5.73E-03	3.02E-05	1.24E-02	0.018157	5.44E-03	3.84E-05	2.38E-02	2.93E-02
2327	495561.06	3860001.99	0.36531	0.42827	0.40968	5.61E-03	3.12E-05	1.10E-02	0.016625	5.73E-03	3.07E-05	1.22E-02	0.01798	5.44E-03	3.90E-05	2.35E-02	2.89E-02
2328	495611.06	3860001.99	0.36332	0.43452	0.40335	5.58E-03	3.16E-05	1.08E-02	0.016425	5.70E-03	3.11E-05	1.20E-02	0.017761	5.41E-03	3.95E-05	2.31E-02	2.86E-02
2329	495661.06	3860001.99	0.36127	0.43189	0.40123	5.54E-03	3.14E-05	1.08E-02	0.016336	5.66E-03	3.09E-05	1.20E-02	0.017665	5.38E-03	3.93E-05	2.30E-02	2.84E-02
2330	494411.06	3860051.99	0.43004	0.5289	0.50967	6.60E-03	3.85E-05	1.37E-02	0.020307	6.74E-03	3.79E-05	1.52E-02	0.021985	6.41E-03	4.81E-05	2.92E-02	3.57E-02
2331	494461.06	3860051.99	0.42911	0.50683	0.50335	6.58E-03	3.69E-05	1.35E-02	0.020122	6.73E-03	3.63E-05	1.50E-02	0.02178	6.39E-03	4.61E-05	2.88E-02	3.53E-02
2332	494511.06	3860051.99	0.42826	0.4902	0.49136	6.57E-03	3.57E-05	1.32E-02	0.019786	6.71E-03	3.51E-05	1.47E-02	0.021408	6.38E-03	4.46E-05	2.81E-02	3.46E-02
2333	494561.06	3860051.99	0.42806	0.47591	0.48166	6.57E-03	3.46E-05	1.29E-02	0.019522	6.71E-03	3.41E-05	1.44E-02	0.021115	6.38E-03	4.33E-05	2.76E-02	3.40E-02
2334	494611.06	3860051.99	0.42713	0.46307	0.47223	6.55E-03	3.37E-05	1.27E-02	0.019254	6.70E-03	3.32E-05	1.41E-02	0.020818	6.36E-03	4.21E-05	2.71E-02	3.35E-02
2335	494661.06	3860051.99	0.42616	0.4541	0.47068	6.54E-03	3.31E-05	1.26E-02	0.019196	6.68E-03	3.25E-05	1.40E-02	0.020756	6.35E-03	4.13E-05	2.70E-02	3.34E-02
2336	494711.06	3860051.99	0.42495	0.43572	0.46736	6.52E-03	3.17E-05	1.25E-02	0.019087	6.66E-03	3.12E-05	1.39E-02	0.020636	6.33E-03	3.96E-05	2.68E-02	3.31E-02
2337	494761.06	3860051.99	0.42385	0.43771	0.46602	6.50E-03	3.19E-05	1.25E-02	0.019035	6.65E-03	3.14E-05	1.39E-02	0.020579	6.31E-03	3.98E-05	2.67E-02	3.30E-02
2338	494811.06	3860051.99	0.41875	0.44035	0.46532	6.43E-03	3.21E-05	1.25E-02	0.018938	6.57E-03	3.16E-05	1.39E-02	0.020479	6.24E-03	4.01E-05	2.67E-02	3.29E-02
2339	494861.06	3860051.99	0.41345	0.44212	0.46421	6.34E-03	3.22E-05	1.25E-02	0.018827	6.48E-03	3.17E-05	1.38E-02	0.020363	6.16E-03	4.02E-05	2.66E-02	3.28E-02
2340	494911.06	3860051.99	0.41008	0.44573	0.46148	6.29E-03	3.24E-05	1.24E-02	0.018702	6.43E-03	3.19E-05	1.38E-02	0.020229	6.11E-03	4.05E-05	2.64E-02	3.26E-02
2341	494961.06	3860051.99	0.40623	0.4491	0.4585	6.23E-03	3.27E-05	1.23E-02	0.018564	6.37E-03	3.22E-05	1.37E-02	0.02008	6.05E-03	4.09E-05	2.63E-02	3.24E-02
2342	495011.06	3860051.99	0.40191	0.44387	0.45576	6.17E-03	3.23E-05	1.22E-02	0.018423	6.30E-03	3.18E-05	1.36E-02	0.01993	5.99E-03	4.04E-05	2.61E-02	3.21E-02
2343	495061.06	3860051.99	0.39729	0.44743	0.45337	6.10E-03	3.26E-05	1.22E-02	0.018289	6.23E-03	3.21E-05	1.35E-02	0.019786	5.92E-03	4.07E-05	2.60E-02	3.19E-02
2344	495111.06	3860051.99	0.39291	0.45304	0.45026	6.03E-03	3.30E-05	1.21E-02	0.018138	6.16E-03	3.25E-05	1.34E-02	0.019625	5.85E-03	4.12E-05	2.58E-02	3.17E-02
2345	495161.06	3860051.99	0.39315	0.44656	0.44829	6.03E-03	3.25E-05	1.20E-02	0.018089	6.16E-03	3.20E-05	1.34E-02	0.01957	5.86E-03	4.06E-05	2.57E-02	3.16E-02
2346	495211.06	3860051.99	0.39425	0.43676	0.44777	6.05E-03	3.18E-05	1.20E-02	0.018091	6.18E-03	3.13E-05	1.34E-02	0.019571	5.87E-03	3.97E-05	2.57E-02	3.16E-02

2347	495261.06	3860051.99	0.3947	0.42594	0.44328	6.06E-03	3.10E-05	1.19E-02	0.017977	6.19E-03	3.05E-05	1.32E-02	0.019443	5.88E-03	3.87E-05	2.54E-02	3.13E-02
2348	495311.06	3860051.99	0.38883	0.42472	0.44115	5.97E-03	3.09E-05	1.18E-02	0.017829	6.10E-03	3.04E-05	1.32E-02	0.019287	5.79E-03	3.86E-05	2.53E-02	3.11E-02
2349	495361.06	3860051.99	0.3834	0.42906	0.43877	5.88E-03	3.12E-05	1.18E-02	0.017683	6.01E-03	3.07E-05	1.31E-02	0.019132	5.71E-03	3.90E-05	2.51E-02	3.09E-02
2350	495411.06	3860051.99	0.37814	0.43273	0.43388	5.80E-03	3.15E-05	1.16E-02	0.017471	5.93E-03	3.10E-05	1.29E-02	0.018904	5.63E-03	3.94E-05	2.49E-02	3.05E-02
2351	495461.06	3860051.99	0.37316	0.4287	0.42844	5.73E-03	3.12E-05	1.15E-02	0.017248	5.85E-03	3.07E-05	1.28E-02	0.018663	5.56E-03	3.90E-05	2.45E-02	3.01E-02
2352	495511.06	3860051.99	0.36745	0.42161	0.42304	5.64E-03	3.07E-05	1.13E-02	0.017015	5.76E-03	3.02E-05	1.26E-02	0.018412	5.47E-03	3.84E-05	2.42E-02	2.97E-02
2353	495561.06	3860051.99	0.36435	0.4141	0.41736	5.59E-03	3.01E-05	1.12E-02	0.016815	5.71E-03	2.97E-05	1.25E-02	0.018193	5.43E-03	3.77E-05	2.39E-02	2.94E-02
2354	495611.06	3860051.99	0.36323	0.409	0.41133	5.57E-03	2.98E-05	1.10E-02	0.016636	5.70E-03	2.93E-05	1.23E-02	0.017995	5.41E-03	3.72E-05	2.36E-02	2.90E-02
2355	495661.06	3860051.99	0.36114	0.41614	0.40479	5.54E-03	3.03E-05	1.09E-02	0.016429	5.66E-03	2.98E-05	1.21E-02	0.017768	5.38E-03	3.79E-05	2.32E-02	2.86E-02
2356	494411.06	3860101.99	0.42496	0.54167	0.50584	6.52E-03	3.94E-05	1.36E-02	0.020127	6.66E-03	3.88E-05	1.51E-02	0.021792	6.33E-03	4.93E-05	2.90E-02	3.54E-02
2357	494461.06	3860101.99	0.42488	0.5244	0.504	6.52E-03	3.82E-05	1.35E-02	0.020076	6.66E-03	3.76E-05	1.50E-02	0.021735	6.33E-03	4.77E-05	2.89E-02	3.52E-02
2358	494511.06	3860101.99	0.4235	0.52224	0.50045	6.50E-03	3.80E-05	1.34E-02	0.019959	6.64E-03	3.74E-05	1.49E-02	0.021607	6.31E-03	4.75E-05	2.87E-02	3.50E-02
2359	494561.06	3860101.99	0.42289	0.50293	0.49805	6.49E-03	3.66E-05	1.34E-02	0.019884	6.63E-03	3.60E-05	1.49E-02	0.021525	6.30E-03	4.57E-05	2.85E-02	3.49E-02
2360	494611.06	3860101.99	0.42254	0.48365	0.49298	6.48E-03	3.52E-05	1.32E-02	0.019741	6.63E-03	3.47E-05	1.47E-02	0.021366	6.29E-03	4.40E-05	2.82E-02	3.46E-02
2361	494661.06	3860101.99	0.4215	0.46506	0.48215	6.47E-03	3.39E-05	1.29E-02	0.019433	6.61E-03	3.33E-05	1.44E-02	0.021026	6.28E-03	4.23E-05	2.76E-02	3.39E-02
2362	494711.06	3860101.99	0.42051	0.46439	0.46991	6.45E-03	3.38E-05	1.26E-02	0.01909	6.59E-03	3.33E-05	1.40E-02	0.020645	6.26E-03	4.22E-05	2.69E-02	3.32E-02
2363	494761.06	3860101.99	0.41947	0.45507	0.46517	6.44E-03	3.31E-05	1.25E-02	0.018946	6.58E-03	3.26E-05	1.39E-02	0.020487	6.25E-03	4.14E-05	2.66E-02	3.29E-02
2364	494811.06	3860101.99	0.41792	0.43169	0.46384	6.41E-03	3.14E-05	1.24E-02	0.018885	6.55E-03	3.09E-05	1.38E-02	0.020421	6.23E-03	3.93E-05	2.66E-02	3.28E-02
2365	494861.06	3860101.99	0.40862	0.42759	0.46376	6.27E-03	3.11E-05	1.24E-02	0.01874	6.41E-03	3.06E-05	1.38E-02	0.020272	6.09E-03	3.89E-05	2.66E-02	3.27E-02
2366	494911.06	3860101.99	0.41058	0.43319	0.45964	6.30E-03	3.15E-05	1.23E-02	0.01866	6.44E-03	3.10E-05	1.37E-02	0.020181	6.12E-03	3.94E-05	2.63E-02	3.25E-02
2367	494961.06	3860101.99	0.40596	0.43586	0.45787	6.23E-03	3.17E-05	1.23E-02	0.018542	6.37E-03	3.12E-05	1.37E-02	0.020056	6.05E-03	3.96E-05	2.62E-02	3.23E-02
2368	495011.06	3860101.99	0.40257	0.4391	0.45545	6.18E-03	3.20E-05	1.22E-02	0.018425	6.31E-03	3.15E-05	1.36E-02	0.019931	6.00E-03	3.99E-05	2.61E-02	3.21E-02
2369	495061.06	3860101.99	0.39846	0.4417	0.45311	6.11E-03	3.22E-05	1.22E-02	0.018299	6.25E-03	3.16E-05	1.35E-02	0.019796	5.94E-03	4.02E-05	2.60E-02	3.19E-02
2370	495111.06	3860101.99	0.3947	0.43901	0.45018	6.06E-03	3.20E-05	1.21E-02	0.018163	6.19E-03	3.15E-05	1.34E-02	0.01965	5.88E-03	3.99E-05	2.58E-02	3.17E-02
2371	495161.06	3860101.99	0.3899	0.43551	0.44848	5.98E-03	3.17E-05	1.20E-02	0.018043	6.11E-03	3.12E-05	1.34E-02	0.019524	5.81E-03	3.96E-05	2.57E-02	3.15E-02
2372	495211.06	3860101.99	0.38527	0.44472	0.44632	5.91E-03	3.24E-05	1.20E-02	0.017915	6.04E-03	3.19E-05	1.33E-02	0.019387	5.74E-03	4.05E-05	2.56E-02	3.13E-02
2373	495261.06	3860101.99	0.38367	0.44116	0.44398	5.89E-03	3.21E-05	1.19E-02	0.017827	6.02E-03	3.16E-05	1.32E-02	0.019292	5.72E-03	4.01E-05	2.54E-02	3.12E-02
2374	495311.06	3860101.99	0.38609	0.43153	0.44196	5.92E-03	3.14E-05	1.19E-02	0.01781	6.05E-03	3.09E-05	1.32E-02	0.019269	5.75E-03	3.93E-05	2.53E-02	3.11E-02
2375	495361.06	3860101.99	0.38868	0.421	0.44144	5.96E-03	3.06E-05	1.18E-02	0.017835	6.09E-03	3.02E-05	1.32E-02	0.019294	5.79E-03	3.83E-05	2.53E-02	3.11E-02
2376	495411.06	3860101.99	0.38367	0.41052	0.4373	5.89E-03	2.99E-05	1.17E-02	0.017646	6.02E-03	2.94E-05	1.30E-02	0.019091	5.72E-03	3.73E-05	2.51E-02	3.08E-02
2377	495461.06	3860101.99	0.37903	0.4118	0.43203	5.82E-03	3.00E-05	1.16E-02	0.017434	5.94E-03	2.95E-05	1.29E-02	0.018861	5.65E-03	3.75E-05	2.47E-02	3.04E-02
2378	495511.06	3860101.99	0.37293	0.41518	0.42737	5.72E-03	3.02E-05	1.15E-02	0.017215	5.85E-03	2.97E-05	1.27E-02	0.018626	5.56E-03	3.78E-05	2.45E-02	3.01E-02
2379	495561.06	3860101.99	0.36695	0.4176	0.4227	5.63E-03	3.04E-05	1.13E-02	0.016998	5.75E-03	2.99E-05	1.26E-02	0.018393	5.47E-03	3.80E-05	2.42E-02	2.97E-02
2380	495611.06	3860101.99	0.36293	0.41676	0.41706	5.57E-03	3.03E-05	1.12E-02	0.016785	5.69E-03	2.99E-05	1.24E-02	0.018162	5.41E-03	3.79E-05	2.39E-02	2.93E-02
2381	495661.06	3860101.99	0.36027	0.41558	0.41176	5.53E-03	3.03E-05	1.10E-02	0.016602	5.65E-03	2.98E-05	1.23E-02	0.017962	5.37E-03	3.78E-05	2.36E-02	2.90E-02
2382	494861.06	3860151.99	0.40168	0.43379	0.46181	6.16E-03	3.16E-05	1.24E-02	0.018581	6.30E-03	3.11E-05	1.38E-02	0.020106	5.98E-03	3.95E-05	2.65E-02	3.25E-02
2383	494911.06	3860151.99	0.4074	0.43043	0.45888	6.25E-03	3.13E-05	1.23E-02	0.01859	6.39E-03	3.08E-05	1.37E-02	0.020108	6.07E-03	3.92E-05	2.63E-02	3.24E-02
2384	494961.06	3860151.99	0.40367	0.42146	0.45686	6.19E-03	3.07E-05	1.23E-02	0.018478	6.33E-03	3.02E-05	1.36E-02	0.019989	6.01E-03	3.83E-05	2.62E-02	3.22E-02
2385	495011.06	3860151.99	0.40082	0.42711	0.45472	6.15E-03	3.11E-05	1.22E-02	0.018378	6.28E-03	3.06E-05	1.36E-02	0.01988	5.97E-03	3.89E-05	2.60E-02	3.21E-02
2386	495061.06	3860151.99	0.39788	0.42864	0.45243	6.11E-03	3.12E-05	1.21E-02	0.018271	6.24E-03	3.07E-05	1.35E-02	0.019766	5.93E-03	3.90E-05	2.59E-02	3.19E-02
2387	495111.06	3860151.99	0.39376	0.43121	0.45043	6.04E-03	3.14E-05	1.21E-02	0.018154	6.17E-03	3.09E-05	1.34E-02	0.019642	5.87E-03	3.92E-05	2.58E-02	3.17E-02
2388	495161.06	3860151.99	0.38953	0.43303	0.4486	5.98E-03	3.15E-05	1.20E-02	0.018041	6.11E-03	3.10E-05	1.34E-02	0.019521	5.80E-03	3.94E-05	2.57E-02	3.15E-02
2389	495211.06	3860151.99	0.38556	0.42995	0.44645	5.92E-03	3.13E-05	1.20E-02	0.017922	6.05E-03	3.08E-05	1.33E-02	0.019395	5.74E-03	3.91E-05	2.56E-02	3.14E-02
2390	495261.06	3860151.99	0.38128	0.42513	0.44456	5.85E-03	3.09E-05	1.19E-02	0.017805	5.98E-03	3.05E-05	1.33E-02	0.019271	5.68E-03	3.87E-05	2.55E-02	3.12E-02
2391	495311.06	3860151.99	0.37689	0.43516	0.44262	5.78E-03	3.17E-05	1.19E-02	0.017686	5.91E-03	3.12E-05	1.32E-02	0.019145	5.61E-03	3.96E-05	2.54E-02	3.10E-02
2392	495361.06	3860151.99	0.37492	0.43385	0.44063	5.75E-03	3.16E-05	1.18E-02	0.017603	5.88E-03	3.11E-05	1.31E-02	0.019055	5.59E-03	3.95E-05	2.52E-02	3.09E-02
2393	495411.06	3860151.99	0.3771	0.42517	0.43776	5.79E-03	3.09E-05	1.17E-02	0.017559	5.91E-03	3.05E-05	1.31E-02	0.019002	5.62E-03	3.87E-05	2.51E-02	3.07E-02

2394	495461.06	3860151.99	0.37933	0.41579	0.43354	5.82E-03	3.03E-05	1.16E-02	0.017479	5.95E-03	2.98E-05	1.29E-02	0.018911	5.65E-03	3.78E-05	2.48E-02	3.05E-02
2395	495511.06	3860151.99	0.37833	0.40624	0.43312	5.81E-03	2.96E-05	1.16E-02	0.017452	5.93E-03	2.91E-05	1.29E-02	0.018882	5.64E-03	3.70E-05	2.48E-02	3.05E-02
2396	495561.06	3860151.99	0.37262	0.39552	0.43062	5.72E-03	2.88E-05	1.15E-02	0.017296	5.84E-03	2.83E-05	1.28E-02	0.018717	5.55E-03	3.60E-05	2.47E-02	3.03E-02
2397	495611.06	3860151.99	0.36775	0.3956	0.42561	5.64E-03	2.88E-05	1.14E-02	0.017087	5.77E-03	2.83E-05	1.27E-02	0.018491	5.48E-03	3.60E-05	2.44E-02	2.99E-02
2398	495661.06	3860151.99	0.3633	0.40185	0.42058	5.57E-03	2.93E-05	1.13E-02	0.016884	5.70E-03	2.88E-05	1.25E-02	0.018272	5.41E-03	3.66E-05	2.41E-02	2.95E-02
2399	495718.25	3859442.96	0.29135	0.34129	0.31281	4.47E-03	2.48E-05	8.39E-03	0.012885	4.57E-03	2.45E-05	9.33E-03	0.013924	4.34E-03	3.10E-05	1.79E-02	2.23E-02
2400	495818.25	3859442.96	0.28281	0.3262	0.30483	4.34E-03	2.37E-05	8.18E-03	0.012539	4.43E-03	2.34E-05	9.09E-03	0.013551	4.21E-03	2.97E-05	1.75E-02	2.17E-02
2401	495918.25	3859442.96	0.27649	0.32339	0.30055	4.24E-03	2.35E-05	8.06E-03	0.012327	4.34E-03	2.32E-05	8.97E-03	0.013324	4.12E-03	2.94E-05	1.72E-02	2.14E-02
2402	496018.25	3859442.96	0.27384	0.32821	0.29679	4.20E-03	2.39E-05	7.96E-03	0.012186	4.29E-03	2.35E-05	8.85E-03	0.013171	4.08E-03	2.99E-05	1.70E-02	2.11E-02
2403	496118.25	3859442.96	0.27695	0.33143	0.29989	4.25E-03	2.41E-05	8.04E-03	0.012317	4.34E-03	2.37E-05	8.95E-03	0.013312	4.13E-03	3.01E-05	1.72E-02	2.13E-02
2404	496218.25	3859442.96	0.27753	0.33643	0.30124	4.26E-03	2.45E-05	8.08E-03	0.012363	4.35E-03	2.41E-05	8.99E-03	0.013362	4.13E-03	3.06E-05	1.73E-02	2.14E-02
2405	496318.25	3859442.96	0.27237	0.33956	0.29651	4.18E-03	2.47E-05	7.95E-03	0.012157	4.27E-03	2.43E-05	8.85E-03	0.01314	4.06E-03	3.09E-05	1.70E-02	2.11E-02
2406	496418.25	3859442.96	0.26647	0.33929	0.29475	4.09E-03	2.47E-05	7.91E-03	0.012019	4.18E-03	2.43E-05	8.79E-03	0.012995	3.97E-03	3.09E-05	1.69E-02	2.09E-02
2407	495718.25	3859542.96	0.30726	0.39977	0.33375	4.71E-03	2.91E-05	8.95E-03	0.013695	4.82E-03	2.86E-05	9.96E-03	0.014803	4.58E-03	3.64E-05	1.91E-02	2.37E-02
2408	495818.25	3859542.96	0.30389	0.36329	0.33125	4.66E-03	2.64E-05	8.88E-03	0.013574	4.76E-03	2.60E-05	9.88E-03	0.014673	4.53E-03	3.30E-05	1.90E-02	2.35E-02
2409	495918.25	3859542.96	0.29826	0.36381	0.32462	4.58E-03	2.65E-05	8.71E-03	0.01331	4.68E-03	2.61E-05	9.68E-03	0.014387	4.44E-03	3.31E-05	1.86E-02	2.31E-02
2410	496018.25	3859542.96	0.29165	0.36587	0.31962	4.48E-03	2.66E-05	8.57E-03	0.013074	4.57E-03	2.62E-05	9.54E-03	0.014134	4.34E-03	3.33E-05	1.83E-02	2.27E-02
2411	496118.25	3859542.96	0.29359	0.35202	0.32537	4.51E-03	2.56E-05	8.73E-03	0.013257	4.60E-03	2.52E-05	9.71E-03	0.014335	4.37E-03	3.20E-05	1.86E-02	2.30E-02
2412	496218.25	3859542.96	0.29303	0.35534	0.3242	4.50E-03	2.59E-05	8.70E-03	0.013218	4.59E-03	2.55E-05	9.67E-03	0.014292	4.37E-03	3.23E-05	1.86E-02	2.30E-02
2413	496318.25	3859542.96	0.29057	0.36786	0.32087	4.46E-03	2.68E-05	8.61E-03	0.013092	4.56E-03	2.64E-05	9.57E-03	0.014155	4.33E-03	3.35E-05	1.84E-02	2.27E-02
2414	496418.25	3859542.96	0.28373	0.35651	0.31108	4.35E-03	2.60E-05	8.34E-03	0.012723	4.45E-03	2.55E-05	9.28E-03	0.013754	4.23E-03	3.24E-05	1.78E-02	2.21E-02
2415	495718.25	3859642.96	0.31829	0.46433	0.34225	4.88E-03	3.38E-05	9.18E-03	0.014097	4.99E-03	3.33E-05	1.02E-02	0.015234	4.74E-03	4.22E-05	1.96E-02	2.44E-02
2416	495818.25	3859642.96	0.31441	0.45829	0.33354	4.82E-03	3.34E-05	8.95E-03	0.013804	4.93E-03	3.28E-05	9.95E-03	0.014913	4.68E-03	4.17E-05	1.91E-02	2.38E-02
2417	495918.25	3859642.96	0.3137	0.42199	0.33247	4.81E-03	3.07E-05	8.92E-03	0.013762	4.92E-03	3.02E-05	9.92E-03	0.014867	4.67E-03	3.84E-05	1.90E-02	2.38E-02
2418	496018.25	3859642.96	0.30769	0.38871	0.33008	4.72E-03	2.83E-05	8.85E-03	0.013603	4.82E-03	2.79E-05	9.85E-03	0.014699	4.58E-03	3.54E-05	1.89E-02	2.35E-02
2419	496118.25	3859642.96	0.31073	0.39964	0.33708	4.77E-03	2.91E-05	9.04E-03	0.013838	4.87E-03	2.86E-05	1.01E-02	0.014956	4.63E-03	3.64E-05	1.93E-02	2.40E-02
2420	496218.25	3859642.96	0.31352	0.418	0.34124	4.81E-03	3.04E-05	9.15E-03	0.013994	4.92E-03	3.00E-05	1.02E-02	0.015126	4.67E-03	3.80E-05	1.95E-02	2.43E-02
2421	496318.25	3859642.96	0.30629	0.40022	0.33964	4.70E-03	2.91E-05	9.11E-03	0.013839	4.80E-03	2.87E-05	1.01E-02	0.014963	4.56E-03	3.64E-05	1.95E-02	2.41E-02
2422	496418.25	3859642.96	0.28847	0.34907	0.31681	4.43E-03	2.54E-05	8.50E-03	0.012949	4.52E-03	2.50E-05	9.45E-03	0.013999	4.30E-03	3.18E-05	1.81E-02	2.25E-02
2423	495718.25	3859742.96	0.33588	0.45065	0.36902	5.15E-03	3.28E-05	9.90E-03	0.015084	5.27E-03	3.23E-05	1.10E-02	0.016307	5.00E-03	4.10E-05	2.11E-02	2.62E-02
2424	495818.25	3859742.96	0.32827	0.46156	0.36032	5.04E-03	3.36E-05	9.66E-03	0.014735	5.15E-03	3.31E-05	1.07E-02	0.015929	4.89E-03	4.20E-05	2.06E-02	2.56E-02
2425	495918.25	3859742.96	0.32344	0.4509	0.34982	4.96E-03	3.28E-05	9.38E-03	0.014378	5.07E-03	3.23E-05	1.04E-02	0.01554	4.82E-03	4.10E-05	2.00E-02	2.49E-02
2426	496018.25	3859742.96	0.31842	0.45945	0.34251	4.89E-03	3.34E-05	9.19E-03	0.014106	4.99E-03	3.29E-05	1.02E-02	0.015243	4.74E-03	4.18E-05	1.96E-02	2.44E-02
2427	496118.25	3859742.96	0.32414	0.44941	0.34717	4.97E-03	3.27E-05	9.31E-03	0.014318	5.08E-03	3.22E-05	1.04E-02	0.015471	4.83E-03	4.09E-05	1.99E-02	2.48E-02
2428	496218.25	3859742.96	0.32829	0.42514	0.35326	5.04E-03	3.09E-05	9.47E-03	0.014543	5.15E-03	3.05E-05	1.05E-02	0.015716	4.89E-03	3.87E-05	2.02E-02	2.52E-02
2429	496318.25	3859742.96	0.31171	0.38393	0.33466	4.78E-03	2.79E-05	8.98E-03	0.013787	4.89E-03	2.75E-05	9.98E-03	0.014899	4.64E-03	3.49E-05	1.92E-02	2.38E-02
2430	496418.25	3859742.96	0.29638	0.38336	0.32213	4.55E-03	2.79E-05	8.64E-03	0.013216	4.65E-03	2.75E-05	9.61E-03	0.014284	4.42E-03	3.49E-05	1.85E-02	2.29E-02
2431	495718.25	3859842.96	0.34978	0.47171	0.38339	5.37E-03	3.43E-05	1.03E-02	0.015684	5.48E-03	3.38E-05	1.14E-02	0.016955	5.21E-03	4.29E-05	2.20E-02	2.72E-02
2432	495818.25	3859842.96	0.34535	0.45694	0.37779	5.30E-03	3.33E-05	1.01E-02	0.015465	5.41E-03	3.27E-05	1.13E-02	0.016718	5.14E-03	4.16E-05	2.16E-02	2.68E-02
2433	495918.25	3859842.96	0.33664	0.44337	0.37178	5.17E-03	3.23E-05	9.97E-03	0.015169	5.28E-03	3.18E-05	1.11E-02	0.016401	5.01E-03	4.03E-05	2.13E-02	2.64E-02
2434	496018.25	3859842.96	0.33435	0.45876	0.36793	5.13E-03	3.34E-05	9.87E-03	0.015032	5.24E-03	3.29E-05	1.10E-02	0.016251	4.98E-03	4.17E-05	2.11E-02	2.61E-02
2435	496118.25	3859842.96	0.33813	0.46087	0.37285	5.19E-03	3.35E-05	1.00E-02	0.015222	5.30E-03	3.30E-05	1.11E-02	0.016458	5.04E-03	4.19E-05	2.14E-02	2.64E-02
2436	496218.25	3859842.96	0.3261	0.43262	0.35761	5.00E-03	3.15E-05	9.59E-03	0.014627	5.11E-03	3.10E-05	1.07E-02	0.015812	4.86E-03	3.94E-05	2.05E-02	2.54E-02
2437	496318.25	3859842.96	0.29986	0.40305	0.32485	4.60E-03	2.93E-05	8.71E-03	0.013343	4.70E-03	2.89E-05	9.69E-03	0.014421	4.47E-03	3.67E-05	1.86E-02	2.31E-02
2438	496418.25	3859842.96	0.27878	0.3851	0.30068	4.28E-03	2.80E-05	8.06E-03	0.01237	4.37E-03	2.76E-05	8.97E-03	0.013369	4.15E-03	3.50E-05	1.72E-02	2.14E-02
2439	495718.25	3859942.96	0.36665	0.45495	0.40206	5.63E-03	3.31E-05	1.08E-02	0.016443	5.75E-03	3.26E-05	1.20E-02	0.017776	5.46E-03	4.14E-05	2.30E-02	2.85E-02
2440	495818.25	3859942.96	0.35757	0.46504	0.39275	5.49E-03	3.39E-05	1.05E-02	0.016055	5.61E-03	3.33E-05	1.17E-02	0.017356	5.33E-03	4.23E-05	2.25E-02	2.79E-02

2441	495918.25	3859942.96	0.35117	0.46079	0.38708	5.39E-03	3.35E-05	1.04E-02	0.015804	5.51E-03	3.30E-05	1.15E-02	0.017087	5.23E-03	4.19E-05	2.22E-02	2.74E-02
2442	496018.25	3859942.96	0.35351	0.4513	0.38909	5.42E-03	3.29E-05	1.04E-02	0.015893	5.54E-03	3.23E-05	1.16E-02	0.017183	5.27E-03	4.11E-05	2.23E-02	2.76E-02
2443	496118.25	3859942.96	0.33938	0.43895	0.37918	5.21E-03	3.20E-05	1.02E-02	0.01541	5.32E-03	3.15E-05	1.13E-02	0.016664	5.06E-03	3.99E-05	2.17E-02	2.68E-02
2444	496218.25	3859942.96	0.31695	0.43325	0.3599	4.86E-03	3.15E-05	9.65E-03	0.014548	4.97E-03	3.10E-05	1.07E-02	0.015737	4.72E-03	3.94E-05	2.06E-02	2.54E-02
2445	496318.25	3859942.96	0.30129	0.42371	0.33502	4.62E-03	3.08E-05	8.99E-03	0.01364	4.72E-03	3.04E-05	9.99E-03	0.014749	4.49E-03	3.85E-05	1.92E-02	2.37E-02
2446	496418.25	3859942.96	0.27848	0.39885	0.30373	4.27E-03	2.90E-05	8.15E-03	0.012449	4.37E-03	2.86E-05	9.06E-03	0.013456	4.15E-03	3.63E-05	1.74E-02	2.16E-02
2447	496856.82	3858864.83	0.17223	0.22184	0.18277	2.64E-03	1.61E-05	4.90E-03	0.007561	2.70E-03	1.59E-05	5.45E-03	0.008169	2.57E-03	2.02E-05	1.05E-02	1.31E-02
2448	496956.82	3858864.83	0.17064	0.21823	0.17976	2.62E-03	1.59E-05	4.82E-03	0.007456	2.68E-03	1.56E-05	5.36E-03	0.008054	2.54E-03	1.99E-05	1.03E-02	1.29E-02
2449	497056.82	3858864.83	0.16916	0.21467	0.17689	2.60E-03	1.56E-05	4.74E-03	0.007356	2.65E-03	1.54E-05	5.28E-03	0.007945	2.52E-03	1.95E-05	1.01E-02	1.27E-02
2450	497156.82	3858864.83	0.16688	0.20904	0.17265	2.56E-03	1.52E-05	4.63E-03	0.007207	2.62E-03	1.50E-05	5.15E-03	0.007782	2.49E-03	1.90E-05	9.89E-03	1.24E-02
2451	497256.82	3858864.83	0.16698	0.20916	0.1725	2.56E-03	1.52E-05	4.63E-03	0.007204	2.62E-03	1.50E-05	5.15E-03	0.007779	2.49E-03	1.90E-05	9.88E-03	1.24E-02
2452	496856.82	3858964.83	0.18464	0.23074	0.19908	2.83E-03	1.68E-05	5.34E-03	0.00819	2.89E-03	1.65E-05	5.94E-03	0.008851	2.75E-03	2.10E-05	1.14E-02	1.42E-02
2453	496956.82	3858964.83	0.17817	0.23209	0.19356	2.73E-03	1.69E-05	5.19E-03	0.007942	2.79E-03	1.66E-05	5.77E-03	0.008585	2.65E-03	2.11E-05	1.11E-02	1.38E-02
2454	497056.82	3858964.83	0.17426	0.22882	0.18898	2.67E-03	1.67E-05	5.07E-03	0.007759	2.73E-03	1.64E-05	5.64E-03	0.008386	2.60E-03	2.08E-05	1.08E-02	1.34E-02
2455	497156.82	3858964.83	0.17018	0.22377	0.18418	2.61E-03	1.63E-05	4.94E-03	0.007568	2.67E-03	1.60E-05	5.49E-03	0.008179	2.54E-03	2.04E-05	1.06E-02	1.31E-02
2456	497256.82	3858964.83	0.17734	0.23358	0.19172	2.72E-03	1.70E-05	5.14E-03	0.00788	2.78E-03	1.67E-05	5.72E-03	0.008517	2.64E-03	2.12E-05	1.10E-02	1.36E-02
2457	496856.82	3859064.83	0.19365	0.23796	0.20397	2.97E-03	1.73E-05	5.47E-03	0.008459	3.04E-03	1.71E-05	6.08E-03	0.009138	2.88E-03	2.16E-05	1.17E-02	1.46E-02
2458	496956.82	3859064.83	0.1906	0.23977	0.2001	2.92E-03	1.75E-05	5.37E-03	0.008309	2.99E-03	1.72E-05	5.97E-03	0.008975	2.84E-03	2.18E-05	1.15E-02	1.43E-02
2459	497056.82	3859064.83	0.18854	0.23342	0.19755	2.89E-03	1.70E-05	5.30E-03	0.008209	2.96E-03	1.67E-05	5.89E-03	0.008866	2.81E-03	2.12E-05	1.13E-02	1.41E-02
2460	497156.82	3859064.83	0.18702	0.23258	0.1956	2.87E-03	1.69E-05	5.25E-03	0.008133	2.93E-03	1.67E-05	5.84E-03	0.008784	2.79E-03	2.12E-05	1.12E-02	1.40E-02
2461	497256.82	3859064.83	0.1949	0.24096	0.20682	2.99E-03	1.75E-05	5.55E-03	0.008555	3.06E-03	1.73E-05	6.17E-03	0.009243	2.90E-03	2.19E-05	1.18E-02	1.48E-02
2462	496856.82	3859164.83	0.19699	0.21316	0.21471	3.02E-03	1.55E-05	5.76E-03	0.008797	3.09E-03	1.53E-05	6.41E-03	0.009509	2.93E-03	1.94E-05	1.23E-02	1.53E-02
2463	496956.82	3859164.83	0.19147	0.21768	0.20842	2.94E-03	1.58E-05	5.59E-03	0.008544	3.00E-03	1.56E-05	6.22E-03	0.009235	2.85E-03	1.98E-05	1.19E-02	1.48E-02
2464	497056.82	3859164.83	0.19124	0.22645	0.208	2.93E-03	1.65E-05	5.58E-03	0.00853	3.00E-03	1.62E-05	6.21E-03	0.00922	2.85E-03	2.06E-05	1.19E-02	1.48E-02
2465	497156.82	3859164.83	0.19694	0.23963	0.21411	3.02E-03	1.74E-05	5.74E-03	0.008782	3.09E-03	1.72E-05	6.39E-03	0.009492	2.93E-03	2.18E-05	1.23E-02	1.52E-02
2466	497256.82	3859164.83	0.20579	0.25772	0.22863	3.16E-03	1.88E-05	6.13E-03	0.009309	3.23E-03	1.85E-05	6.82E-03	0.010066	3.07E-03	2.34E-05	1.31E-02	1.62E-02
2467	496856.82	3859264.83	0.19162	0.22567	0.21438	2.94E-03	1.64E-05	5.75E-03	0.008707	3.00E-03	1.62E-05	6.40E-03	0.009416	2.85E-03	2.05E-05	1.23E-02	1.52E-02
2468	496956.82	3859264.83	0.19241	0.21878	0.21572	2.95E-03	1.59E-05	5.79E-03	0.008754	3.02E-03	1.57E-05	6.44E-03	0.009468	2.87E-03	1.99E-05	1.24E-02	1.52E-02
2469	497056.82	3859264.83	0.19692	0.22369	0.21891	3.02E-03	1.63E-05	5.87E-03	0.008909	3.09E-03	1.60E-05	6.53E-03	0.009634	2.93E-03	2.03E-05	1.25E-02	1.55E-02
2470	497156.82	3859264.83	0.20188	0.23766	0.22475	3.10E-03	1.73E-05	6.03E-03	0.009143	3.17E-03	1.70E-05	6.70E-03	0.009887	3.01E-03	2.16E-05	1.29E-02	1.59E-02
2471	497256.82	3859264.83	0.211	0.26128	0.24043	3.24E-03	1.90E-05	6.45E-03	0.009705	3.31E-03	1.87E-05	7.17E-03	0.0105	3.14E-03	2.38E-05	1.38E-02	1.69E-02
2472	497088.92	3858620.93	0.14835	0.15533	0.15828	2.28E-03	1.13E-05	4.25E-03	0.006533	2.33E-03	1.11E-05	4.72E-03	0.007059	2.21E-03	1.41E-05	9.07E-03	1.13E-02
2473	497138.92	3858620.93	0.14848	0.15542	0.15847	2.28E-03	1.13E-05	4.25E-03	0.00654	2.33E-03	1.11E-05	4.73E-03	0.007067	2.21E-03	1.41E-05	9.08E-03	1.13E-02
2474	497188.92	3858620.93	0.14962	0.15618	0.15815	2.30E-03	1.14E-05	4.24E-03	0.006549	2.35E-03	1.12E-05	4.72E-03	0.007075	2.23E-03	1.42E-05	9.06E-03	1.13E-02
2475	497238.92	3858620.93	0.14947	0.15503	0.15769	2.29E-03	1.13E-05	4.23E-03	0.006534	2.34E-03	1.11E-05	4.70E-03	0.007059	2.23E-03	1.41E-05	9.03E-03	1.13E-02
2476	497088.92	3858670.93	0.14932	0.16742	0.15704	2.29E-03	1.22E-05	4.21E-03	0.006515	2.34E-03	1.20E-05	4.68E-03	0.007038	2.22E-03	1.52E-05	9.00E-03	1.12E-02
2477	497138.92	3858670.93	0.15212	0.16592	0.1583	2.33E-03	1.21E-05	4.25E-03	0.006592	2.39E-03	1.19E-05	4.72E-03	0.007119	2.27E-03	1.51E-05	9.07E-03	1.13E-02
2478	497188.92	3858670.93	0.15077	0.16135	0.15713	2.31E-03	1.17E-05	4.21E-03	0.00654	2.36E-03	1.16E-05	4.69E-03	0.007063	2.25E-03	1.47E-05	9.00E-03	1.13E-02
2479	497238.92	3858670.93	0.1517	0.1584	0.15728	2.33E-03	1.15E-05	4.22E-03	0.006558	2.38E-03	1.13E-05	4.69E-03	0.007082	2.26E-03	1.44E-05	9.01E-03	1.13E-02
2480	497088.92	3858720.93	0.15524	0.18619	0.1616	2.38E-03	1.36E-05	4.33E-03	0.00673	2.43E-03	1.33E-05	4.82E-03	0.007268	2.31E-03	1.69E-05	9.26E-03	1.16E-02
2481	497138.92	3858720.93	0.14928	0.17706	0.15574	2.29E-03	1.29E-05	4.18E-03	0.006481	2.34E-03	1.27E-05	4.65E-03	0.006999	2.22E-03	1.61E-05	8.92E-03	1.12E-02
2482	497188.92	3858720.93	0.14906	0.17336	0.15527	2.29E-03	1.26E-05	4.16E-03	0.006464	2.34E-03	1.24E-05	4.63E-03	0.006982	2.22E-03	1.58E-05	8.89E-03	1.11E-02
2483	497238.92	3858720.93	0.15357	0.1742	0.15967	2.36E-03	1.27E-05	4.28E-03	0.006652	2.41E-03	1.25E-05	4.76E-03	0.007184	2.29E-03	1.58E-05	9.15E-03	1.15E-02
2484	497088.92	3858770.93	0.15766	0.19328	0.16594	2.42E-03	1.41E-05	4.45E-03	0.006884	2.47E-03	1.38E-05	4.95E-03	0.007436	2.35E-03	1.76E-05	9.51E-03	1.19E-02
2485	497138.92	3858770.93	0.15548	0.19263	0.16369	2.39E-03	1.40E-05	4.39E-03	0.00679	2.44E-03	1.38E-05	4.88E-03	0.007335	2.32E-03	1.75E-05	9.38E-03	1.17E-02
2486	497188.92	3858770.93	0.15334	0.18941	0.16022	2.35E-03	1.38E-05	4.30E-03	0.006664	2.40E-03	1.36E-05	4.78E-03	0.007198	2.28E-03	1.72E-05	9.18E-03	1.15E-02
2487	497238.92	3858770.93	0.15761	0.19011	0.16617	2.42E-03	1.38E-05	4.46E-03	0.006889	2.47E-03	1.36E-05	4.96E-03	0.007442	2.35E-03	1.73E-05	9.52E-03	1.19E-02

2488	497396.65	3858622.63	0.15962	0.16663	0.16576	2.45E-03	1.21E-05	4.45E-03	0.006907	2.50E-03	1.19E-05	4.95E-03	0.00746	2.38E-03	1.52E-05	9.50E-03	1.19E-02
2489	497496.65	3858622.63	0.16897	0.1725	0.17386	2.59E-03	1.26E-05	4.66E-03	0.007268	2.65E-03	1.24E-05	5.19E-03	0.007848	2.52E-03	1.57E-05	9.96E-03	1.25E-02
2490	497596.65	3858622.63	0.17829	0.18606	0.18191	2.74E-03	1.35E-05	4.88E-03	0.007628	2.80E-03	1.33E-05	5.43E-03	0.008236	2.66E-03	1.69E-05	1.04E-02	1.31E-02
2491	497696.65	3858622.63	0.18003	0.19267	0.18375	2.76E-03	1.40E-05	4.93E-03	0.007705	2.82E-03	1.38E-05	5.48E-03	0.008318	2.68E-03	1.75E-05	1.05E-02	1.32E-02
2492	497796.65	3858622.63	0.18918	0.19964	0.19019	2.90E-03	1.45E-05	5.10E-03	0.008019	2.97E-03	1.43E-05	5.67E-03	0.008654	2.82E-03	1.82E-05	1.09E-02	1.37E-02
2493	497896.65	3858622.63	0.19295	0.20837	0.20458	2.96E-03	1.52E-05	5.49E-03	0.008463	3.03E-03	1.49E-05	6.10E-03	0.009143	2.87E-03	1.90E-05	1.17E-02	1.46E-02
2494	497396.65	3858722.63	0.171	0.17849	0.17432	2.62E-03	1.30E-05	4.68E-03	0.007312	2.68E-03	1.28E-05	5.20E-03	0.007894	2.55E-03	1.62E-05	9.99E-03	1.25E-02
2495	497496.65	3858722.63	0.17528	0.18951	0.17882	2.69E-03	1.38E-05	4.80E-03	0.0075	2.75E-03	1.36E-05	5.33E-03	0.008096	2.61E-03	1.72E-05	1.02E-02	1.29E-02
2496	497596.65	3858722.63	0.18773	0.20113	0.19023	2.88E-03	1.46E-05	5.10E-03	0.007997	2.94E-03	1.44E-05	5.68E-03	0.008633	2.80E-03	1.83E-05	1.09E-02	1.37E-02
2497	497696.65	3858722.63	0.2002	0.2078	0.20291	3.07E-03	1.51E-05	5.44E-03	0.008529	3.14E-03	1.49E-05	6.05E-03	0.009207	2.98E-03	1.89E-05	1.16E-02	1.46E-02
2498	497796.65	3858722.63	0.20775	0.21268	0.21107	3.19E-03	1.55E-05	5.66E-03	0.008864	3.26E-03	1.52E-05	6.30E-03	0.009569	3.09E-03	1.93E-05	1.21E-02	1.52E-02
2499	497896.65	3858722.63	0.20998	0.21877	0.2225	3.22E-03	1.59E-05	5.97E-03	0.009206	3.29E-03	1.57E-05	6.64E-03	0.009946	3.13E-03	1.99E-05	1.27E-02	1.59E-02
2500	497396.65	3858822.63	0.17427	0.21092	0.17887	2.67E-03	1.54E-05	4.80E-03	0.007487	2.73E-03	1.51E-05	5.34E-03	0.008084	2.60E-03	1.92E-05	1.02E-02	1.29E-02
2501	497496.65	3858822.63	0.18014	0.21011	0.1873	2.76E-03	1.53E-05	5.02E-03	0.007803	2.82E-03	1.51E-05	5.59E-03	0.008427	2.68E-03	1.91E-05	1.07E-02	1.34E-02
2502	497596.65	3858822.63	0.20061	0.22529	0.20901	3.08E-03	1.64E-05	5.61E-03	0.008701	3.15E-03	1.61E-05	6.24E-03	0.009397	2.99E-03	2.05E-05	1.20E-02	1.50E-02
2503	497696.65	3858822.63	0.20918	0.22493	0.22163	3.21E-03	1.64E-05	5.94E-03	0.009171	3.28E-03	1.61E-05	6.61E-03	0.009908	3.12E-03	2.05E-05	1.27E-02	1.58E-02
2504	497796.65	3858822.63	0.21086	0.23073	0.2289	3.24E-03	1.68E-05	6.14E-03	0.009392	3.31E-03	1.65E-05	6.83E-03	0.010151	3.14E-03	2.10E-05	1.31E-02	1.63E-02
2505	497896.65	3858822.63	0.21662	0.25363	0.24265	3.32E-03	1.85E-05	6.51E-03	0.009851	3.40E-03	1.82E-05	7.24E-03	0.010653	3.23E-03	2.31E-05	1.39E-02	1.72E-02
2506	497396.65	3858922.63	0.18372	0.23495	0.19562	2.82E-03	1.71E-05	5.25E-03	0.008083	2.88E-03	1.68E-05	5.84E-03	0.008733	2.74E-03	2.14E-05	1.12E-02	1.40E-02
2507	497496.65	3858922.63	0.2025	0.24114	0.21699	3.11E-03	1.76E-05	5.82E-03	0.008945	3.18E-03	1.73E-05	6.47E-03	0.009666	3.02E-03	2.19E-05	1.24E-02	1.55E-02
2508	497596.65	3858922.63	0.20606	0.24287	0.21971	3.16E-03	1.77E-05	5.89E-03	0.009072	3.23E-03	1.74E-05	6.55E-03	0.009803	3.07E-03	2.21E-05	1.26E-02	1.57E-02
2509	497696.65	3858922.63	0.21355	0.25354	0.2398	3.28E-03	1.85E-05	6.43E-03	0.009727	3.35E-03	1.82E-05	7.15E-03	0.01052	3.18E-03	2.31E-05	1.37E-02	1.69E-02
2510	497796.65	3858922.63	0.22571	0.25956	0.24311	3.46E-03	1.89E-05	6.52E-03	0.010003	3.54E-03	1.86E-05	7.25E-03	0.01081	3.36E-03	2.36E-05	1.39E-02	1.73E-02
2511	497896.65	3858922.63	0.24853	0.2752	0.26116	3.81E-03	2.00E-05	7.00E-03	0.010838	3.90E-03	1.97E-05	7.79E-03	0.011707	3.70E-03	2.50E-05	1.50E-02	1.87E-02
2512	497364.44	3858201.52	0.14325	0.14663	0.15044	2.20E-03	1.07E-05	4.03E-03	0.006244	2.25E-03	1.05E-05	4.49E-03	0.006745	2.13E-03	1.33E-05	8.62E-03	1.08E-02
2513	497414.44	3858201.52	0.14493	0.15087	0.15245	2.22E-03	1.10E-05	4.09E-03	0.006324	2.27E-03	1.08E-05	4.55E-03	0.006831	2.16E-03	1.37E-05	8.73E-03	1.09E-02
2514	497464.44	3858201.52	0.147	0.15909	0.15496	2.26E-03	1.16E-05	4.16E-03	0.006423	2.30E-03	1.14E-05	4.62E-03	0.006939	2.19E-03	1.45E-05	8.88E-03	1.11E-02
2515	497514.44	3858201.52	0.14756	0.16684	0.15602	2.26E-03	1.21E-05	4.18E-03	0.006461	2.31E-03	1.20E-05	4.65E-03	0.00698	2.20E-03	1.52E-05	8.94E-03	1.12E-02
2516	497564.44	3858201.52	0.14704	0.16596	0.1558	2.26E-03	1.21E-05	4.18E-03	0.006447	2.31E-03	1.19E-05	4.65E-03	0.006965	2.19E-03	1.51E-05	8.92E-03	1.11E-02
2517	497614.44	3858201.52	0.14755	0.16619	0.15664	2.26E-03	1.21E-05	4.20E-03	0.006477	2.31E-03	1.19E-05	4.67E-03	0.006998	2.20E-03	1.51E-05	8.97E-03	1.12E-02
2518	497364.44	3858251.52	0.14688	0.1587	0.15394	2.25E-03	1.16E-05	4.13E-03	0.006394	2.30E-03	1.14E-05	4.59E-03	0.006907	2.19E-03	1.44E-05	8.82E-03	1.10E-02
2519	497414.44	3858251.52	0.1494	0.15858	0.15674	2.29E-03	1.15E-05	4.20E-03	0.006508	2.34E-03	1.14E-05	4.68E-03	0.00703	2.23E-03	1.44E-05	8.98E-03	1.12E-02
2520	497464.44	3858251.52	0.14813	0.1584	0.15542	2.27E-03	1.15E-05	4.17E-03	0.006453	2.32E-03	1.13E-05	4.64E-03	0.00697	2.21E-03	1.44E-05	8.90E-03	1.11E-02
2521	497514.44	3858251.52	0.14652	0.15826	0.15372	2.25E-03	1.15E-05	4.12E-03	0.006383	2.30E-03	1.13E-05	4.59E-03	0.006894	2.18E-03	1.44E-05	8.81E-03	1.10E-02
2522	497564.44	3858251.52	0.14613	0.16124	0.15347	2.24E-03	1.17E-05	4.12E-03	0.00637	2.29E-03	1.16E-05	4.58E-03	0.006881	2.18E-03	1.47E-05	8.79E-03	1.10E-02
2523	497614.44	3858251.52	0.14576	0.163	0.15343	2.24E-03	1.19E-05	4.12E-03	0.006364	2.29E-03	1.17E-05	4.58E-03	0.006874	2.17E-03	1.48E-05	8.79E-03	1.10E-02
2524	497364.44	3858301.52	0.14833	0.1528	0.15607	2.28E-03	1.11E-05	4.19E-03	0.006473	2.33E-03	1.09E-05	4.66E-03	0.006993	2.21E-03	1.39E-05	8.94E-03	1.12E-02
2525	497414.44	3858301.52	0.14977	0.15324	0.15766	2.30E-03	1.12E-05	4.23E-03	0.006538	2.35E-03	1.10E-05	4.70E-03	0.007063	2.23E-03	1.39E-05	9.03E-03	1.13E-02
2526	497464.44	3858301.52	0.14804	0.15084	0.15585	2.27E-03	1.10E-05	4.18E-03	0.006463	2.32E-03	1.08E-05	4.65E-03	0.006981	2.21E-03	1.37E-05	8.93E-03	1.11E-02
2527	497514.44	3858301.52	0.14695	0.15327	0.15473	2.25E-03	1.12E-05	4.15E-03	0.006416	2.30E-03	1.10E-05	4.62E-03	0.006931	2.19E-03	1.39E-05	8.86E-03	1.11E-02
2528	497564.44	3858301.52	0.1452	0.15432	0.15288	2.23E-03	1.12E-05	4.10E-03	0.00634	2.28E-03	1.11E-05	4.56E-03	0.006848	2.16E-03	1.40E-05	8.76E-03	1.09E-02
2529	497614.44	3858301.52	0.14471	0.1577	0.1524	2.22E-03	1.15E-05	4.09E-03	0.00632	2.27E-03	1.13E-05	4.55E-03	0.006827	2.16E-03	1.43E-05	8.73E-03	1.09E-02
2530	497364.44	3858351.52	0.14986	0.1528	0.15817	2.30E-03	1.11E-05	4.24E-03	0.006553	2.35E-03	1.09E-05	4.72E-03	0.007079	2.23E-03	1.39E-05	9.06E-03	1.13E-02
2531	497414.44	3858351.52	0.1488	0.15354	0.1571	2.28E-03	1.12E-05	4.21E-03	0.006508	2.33E-03	1.10E-05	4.69E-03	0.007031	2.22E-03	1.40E-05	9.00E-03	1.12E-02
2532	497464.44	3858351.52	0.14845	0.15357	0.1568	2.28E-03	1.12E-05	4.21E-03	0.006495	2.33E-03	1.10E-05	4.68E-03	0.007016	2.21E-03	1.40E-05	8.98E-03	1.12E-02
2533	497514.44	3858351.52	0.14759	0.15179	0.15595	2.26E-03	1.10E-05	4.18E-03	0.006458	2.31E-03	1.09E-05	4.65E-03	0.006977	2.20E-03	1.38E-05	8.93E-03	1.11E-02
2534	497564.44	3858351.52	0.14534	0.14842	0.15356	2.23E-03	1.08E-05	4.12E-03	0.00636	2.28E-03	1.06E-05	4.58E-03	0.00687	2.17E-03	1.35E-05	8.80E-03	1.10E-02

2535	497614.44	3858351.52	0.14492	0.1477	0.15317	2.22E-03	1.08E-05	4.11E-03	0.006343	2.27E-03	1.06E-05	4.57E-03	0.006852	2.16E-03	1.34E-05	8.77E-03	1.09E-02
2536	497364.44	3858401.52	0.14872	0.14554	0.15658	2.28E-03	1.06E-05	4.20E-03	0.006492	2.33E-03	1.04E-05	4.67E-03	0.007013	2.22E-03	1.32E-05	8.97E-03	1.12E-02
2537	497414.44	3858401.52	0.14853	0.14664	0.15727	2.28E-03	1.07E-05	4.22E-03	0.006508	2.33E-03	1.05E-05	4.69E-03	0.007031	2.21E-03	1.33E-05	9.01E-03	1.12E-02
2538	497464.44	3858401.52	0.14735	0.14742	0.15607	2.26E-03	1.07E-05	4.19E-03	0.006458	2.31E-03	1.06E-05	4.66E-03	0.006977	2.20E-03	1.34E-05	8.94E-03	1.11E-02
2539	497514.44	3858401.52	0.14677	0.14805	0.15552	2.25E-03	1.08E-05	4.17E-03	0.006434	2.30E-03	1.06E-05	4.64E-03	0.006951	2.19E-03	1.35E-05	8.91E-03	1.11E-02
2540	497564.44	3858401.52	0.14863	0.15023	0.15764	2.28E-03	1.09E-05	4.23E-03	0.00652	2.33E-03	1.08E-05	4.70E-03	0.007044	2.21E-03	1.37E-05	9.03E-03	1.13E-02
2541	497614.44	3858401.52	0.15061	0.1526	0.16009	2.31E-03	1.11E-05	4.29E-03	0.006616	2.36E-03	1.09E-05	4.78E-03	0.007148	2.24E-03	1.39E-05	9.17E-03	1.14E-02
2542	493478.11	3860497.94	0.55174	0.53896	0.66187	8.47E-03	3.92E-05	1.78E-02	0.026257	8.65E-03	3.86E-05	1.97E-02	0.028435	8.22E-03	4.90E-05	3.79E-02	4.62E-02
2543	493528.11	3860497.94	0.54765	0.53385	0.65468	8.40E-03	3.89E-05	1.76E-02	0.026001	8.59E-03	3.83E-05	1.95E-02	0.028156	8.16E-03	4.86E-05	3.75E-02	4.57E-02
2544	493478.11	3860547.94	0.51603	0.53906	0.66129	7.92E-03	3.92E-05	1.77E-02	0.025694	8.09E-03	3.86E-05	1.97E-02	0.027857	7.69E-03	4.90E-05	3.79E-02	4.56E-02
2545	493528.11	3860547.94	0.52494	0.5334	0.65414	8.06E-03	3.88E-05	1.75E-02	0.025638	8.23E-03	3.82E-05	1.95E-02	0.027783	7.82E-03	4.85E-05	3.75E-02	4.53E-02
2546	493478.11	3860597.94	0.4946	0.52832	0.65996	7.59E-03	3.85E-05	1.77E-02	0.025329	7.75E-03	3.79E-05	1.97E-02	0.027481	7.37E-03	4.81E-05	3.78E-02	4.52E-02
2547	493528.11	3860597.94	0.48968	0.53344	0.65324	7.51E-03	3.88E-05	1.75E-02	0.025073	7.68E-03	3.82E-05	1.95E-02	0.027204	7.29E-03	4.85E-05	3.74E-02	4.48E-02
2548	493561.88	3860524.64	0.54703	0.53033	0.64999	8.39E-03	3.86E-05	1.74E-02	0.025866	8.58E-03	3.80E-05	1.94E-02	0.028006	8.15E-03	4.82E-05	3.72E-02	4.54E-02
2549	493591.88	3860524.64	0.54161	0.52793	0.64648	8.31E-03	3.84E-05	1.73E-02	0.025688	8.49E-03	3.78E-05	1.93E-02	0.027816	8.07E-03	4.80E-05	3.70E-02	4.51E-02
2550	493561.88	3860554.64	0.52627	0.52992	0.64967	8.08E-03	3.86E-05	1.74E-02	0.025539	8.25E-03	3.80E-05	1.94E-02	0.027671	7.84E-03	4.82E-05	3.72E-02	4.51E-02
2551	493591.88	3860554.64	0.53214	0.52776	0.64662	8.17E-03	3.84E-05	1.73E-02	0.025547	8.34E-03	3.78E-05	1.93E-02	0.027671	7.93E-03	4.80E-05	3.70E-02	4.50E-02
2552	492880.5	3860293.11	0.58867	0.59918	0.74244	9.03E-03	4.36E-05	1.99E-02	0.028989	9.23E-03	4.29E-05	2.21E-02	0.031421	8.77E-03	5.45E-05	4.25E-02	5.14E-02
2553	492930.5	3860293.11	0.60255	0.59709	0.73642	9.25E-03	4.35E-05	1.98E-02	0.029041	9.45E-03	4.28E-05	2.20E-02	0.031459	8.98E-03	5.43E-05	4.22E-02	5.12E-02
2554	492980.5	3860293.11	0.60183	0.59116	0.73047	9.24E-03	4.30E-05	1.96E-02	0.02887	9.44E-03	4.24E-05	2.18E-02	0.03127	8.97E-03	5.38E-05	4.18E-02	5.09E-02
2555	493030.5	3860293.11	0.58588	0.58747	0.72691	8.99E-03	4.28E-05	1.95E-02	0.028529	9.19E-03	4.21E-05	2.17E-02	0.030914	8.73E-03	5.34E-05	4.16E-02	5.04E-02
2556	493080.5	3860293.11	0.58082	0.58307	0.72189	8.91E-03	4.24E-05	1.94E-02	0.028317	9.11E-03	4.18E-05	2.15E-02	0.030684	8.65E-03	5.30E-05	4.14E-02	5.01E-02
2557	493130.5	3860293.11	0.56598	0.57579	0.71213	8.69E-03	4.19E-05	1.91E-02	0.027827	8.87E-03	4.13E-05	2.12E-02	0.03016	8.43E-03	5.24E-05	4.08E-02	4.93E-02
2558	493180.5	3860293.11	0.55929	0.56904	0.71357	8.58E-03	4.14E-05	1.91E-02	0.027762	8.77E-03	4.08E-05	2.13E-02	0.030097	8.33E-03	5.18E-05	4.09E-02	4.93E-02
2559	493230.5	3860293.11	0.55858	0.56401	0.72523	8.57E-03	4.11E-05	1.95E-02	0.028064	8.76E-03	4.04E-05	2.16E-02	0.030434	8.32E-03	5.13E-05	4.15E-02	4.99E-02
2560	493280.5	3860293.11	0.56075	0.56113	0.7141	8.60E-03	4.08E-05	1.92E-02	0.027798	8.79E-03	4.02E-05	2.13E-02	0.030136	8.35E-03	5.10E-05	4.09E-02	4.93E-02
2561	493330.5	3860293.11	0.5614	0.55815	0.69292	8.61E-03	4.06E-05	1.86E-02	0.02724	8.80E-03	4.00E-05	2.07E-02	0.029514	8.36E-03	5.08E-05	3.97E-02	4.81E-02
2562	493380.5	3860293.11	0.56175	0.55568	0.67183	8.62E-03	4.04E-05	1.80E-02	0.026679	8.81E-03	3.98E-05	2.00E-02	0.02889	8.37E-03	5.05E-05	3.85E-02	4.69E-02
2563	492880.5	3860343.11	0.56016	0.58856	0.73962	8.60E-03	4.28E-05	1.98E-02	0.028476	8.78E-03	4.22E-05	2.21E-02	0.03089	8.34E-03	5.35E-05	4.24E-02	5.08E-02
2564	492930.5	3860343.11	0.55777	0.57729	0.73391	8.56E-03	4.20E-05	1.97E-02	0.028285	8.75E-03	4.14E-05	2.19E-02	0.030681	8.31E-03	5.25E-05	4.20E-02	5.04E-02
2565	492980.5	3860343.11	0.58145	0.59137	0.73283	8.92E-03	4.30E-05	1.97E-02	0.02862	9.12E-03	4.24E-05	2.19E-02	0.031021	8.66E-03	5.38E-05	4.20E-02	5.07E-02
2566	493030.5	3860343.11	0.5938	0.58897	0.72589	9.11E-03	4.29E-05	1.95E-02	0.028624	9.31E-03	4.22E-05	2.17E-02	0.031007	8.85E-03	5.36E-05	4.16E-02	5.05E-02
2567	493080.5	3860343.11	0.58877	0.58495	0.72223	9.03E-03	4.26E-05	1.94E-02	0.028448	9.23E-03	4.19E-05	2.15E-02	0.030819	8.77E-03	5.32E-05	4.14E-02	5.02E-02
2568	493130.5	3860343.11	0.5784	0.57772	0.71378	8.88E-03	4.21E-05	1.91E-02	0.028062	9.07E-03	4.14E-05	2.13E-02	0.030404	8.62E-03	5.26E-05	4.09E-02	4.96E-02
2569	493180.5	3860343.11	0.57128	0.56956	0.70359	8.77E-03	4.15E-05	1.89E-02	0.027678	8.96E-03	4.08E-05	2.10E-02	0.029988	8.51E-03	5.18E-05	4.03E-02	4.89E-02
2570	493230.5	3860343.11	0.56148	0.56376	0.69569	8.62E-03	4.10E-05	1.87E-02	0.027316	8.80E-03	4.04E-05	2.08E-02	0.029598	8.36E-03	5.13E-05	3.99E-02	4.83E-02
2571	493280.5	3860343.11	0.54939	0.55998	0.69286	8.43E-03	4.08E-05	1.86E-02	0.027054	8.61E-03	4.01E-05	2.07E-02	0.029324	8.18E-03	5.09E-05	3.97E-02	4.79E-02
2572	493330.5	3860343.11	0.54367	0.55613	0.7063	8.34E-03	4.05E-05	1.89E-02	0.027327	8.52E-03	3.98E-05	2.11E-02	0.029635	8.10E-03	5.06E-05	4.05E-02	4.86E-02
2573	493380.5	3860343.11	0.54395	0.5524	0.70381	8.35E-03	4.02E-05	1.89E-02	0.027264	8.53E-03	3.96E-05	2.10E-02	0.029565	8.10E-03	5.02E-05	4.03E-02	4.85E-02
2574	492880.5	3860393.11	0.57747	0.57299	0.73531	8.86E-03	4.17E-05	1.97E-02	0.028624	9.05E-03	4.11E-05	2.19E-02	0.031031	8.60E-03	5.21E-05	4.21E-02	5.08E-02
2575	492930.5	3860393.11	0.56406	0.58265	0.73136	8.66E-03	4.24E-05	1.96E-02	0.028313	8.84E-03	4.17E-05	2.18E-02	0.030704	8.40E-03	5.30E-05	4.19E-02	5.04E-02
2576	492980.5	3860393.11	0.55133	0.57563	0.72851	8.46E-03	4.19E-05	1.95E-02	0.028041	8.64E-03	4.12E-05	2.17E-02	0.030419	8.21E-03	5.24E-05	4.17E-02	5.00E-02
2577	493030.5	3860393.11	0.5448	0.56949	0.72394	8.36E-03	4.15E-05	1.94E-02	0.027818	8.54E-03	4.08E-05	2.16E-02	0.03018	8.12E-03	5.18E-05	4.15E-02	4.96E-02
2578	493080.5	3860393.11	0.57116	0.58208	0.72146	8.76E-03	4.24E-05	1.93E-02	0.028157	8.96E-03	4.17E-05	2.15E-02	0.03052	8.51E-03	5.29E-05	4.13E-02	4.99E-02
2579	493130.5	3860393.11	0.57747	0.57896	0.71288	8.86E-03	4.21E-05	1.91E-02	0.028023	9.05E-03	4.15E-05	2.13E-02	0.030363	8.60E-03	5.27E-05	4.08E-02	4.95E-02
2580	493180.5	3860393.11	0.57739	0.57042	0.703	8.86E-03	4.15E-05	1.89E-02	0.027756	9.05E-03	4.09E-05	2.10E-02	0.030066	8.60E-03	5.19E-05	4.03E-02	4.89E-02
2581	493230.5	3860393.11	0.57724	0.56455	0.69612	8.86E-03	4.11E-05	1.87E-02	0.027569	9.05E-03	4.05E-05	2.08E-02	0.029858	8.60E-03	5.14E-05	3.99E-02	4.85E-02

2582	493280.5	3860393.11	0.56375	0.56049	0.69121	8.65E-03	4.08E-05	1.85E-02	0.02723	8.84E-03	4.02E-05	2.06E-02	0.0295	8.40E-03	5.10E-05	3.96E-02	4.80E-02
2583	493330.5	3860393.11	0.55266	0.55595	0.68482	8.48E-03	4.05E-05	1.84E-02	0.026888	8.67E-03	3.98E-05	2.04E-02	0.029135	8.23E-03	5.06E-05	3.92E-02	4.75E-02
2584	493380.5	3860393.11	0.54237	0.55129	0.67764	8.32E-03	4.01E-05	1.82E-02	0.026538	8.50E-03	3.95E-05	2.02E-02	0.028759	8.08E-03	5.01E-05	3.88E-02	4.69E-02
2585	492880.5	3860443.11	0.57392	0.54578	0.73052	8.81E-03	3.97E-05	1.96E-02	0.02844	9.00E-03	3.91E-05	2.18E-02	0.030831	8.55E-03	4.96E-05	4.18E-02	5.04E-02
2586	492930.5	3860443.11	0.57707	0.55307	0.72545	8.86E-03	4.03E-05	1.95E-02	0.028352	9.05E-03	3.96E-05	2.16E-02	0.030729	8.60E-03	5.03E-05	4.16E-02	5.02E-02
2587	492980.5	3860443.11	0.56748	0.56406	0.7228	8.71E-03	4.11E-05	1.94E-02	0.028135	8.90E-03	4.04E-05	2.16E-02	0.030501	8.45E-03	5.13E-05	4.14E-02	4.99E-02
2588	493030.5	3860443.11	0.55473	0.57406	0.71969	8.51E-03	4.18E-05	1.93E-02	0.027857	8.70E-03	4.11E-05	2.15E-02	0.030209	8.26E-03	5.22E-05	4.12E-02	4.95E-02
2589	493080.5	3860443.11	0.54088	0.5613	0.7143	8.30E-03	4.09E-05	1.92E-02	0.027499	8.48E-03	4.02E-05	2.13E-02	0.02983	8.06E-03	5.11E-05	4.09E-02	4.90E-02
2590	493130.5	3860443.11	0.52882	0.55732	0.7087	8.11E-03	4.06E-05	1.90E-02	0.027163	8.29E-03	3.99E-05	2.11E-02	0.029474	7.88E-03	5.07E-05	4.06E-02	4.85E-02
2591	493180.5	3860443.11	0.5332	0.56397	0.69968	8.18E-03	4.11E-05	1.88E-02	0.026989	8.36E-03	4.04E-05	2.09E-02	0.029274	7.94E-03	5.13E-05	4.01E-02	4.81E-02
2592	493230.5	3860443.11	0.54646	0.56616	0.69612	8.39E-03	4.12E-05	1.87E-02	0.027097	8.57E-03	4.06E-05	2.08E-02	0.029375	8.14E-03	5.15E-05	3.99E-02	4.81E-02
2593	493280.5	3860443.11	0.56182	0.5612	0.69076	8.62E-03	4.09E-05	1.85E-02	0.027189	8.81E-03	4.02E-05	2.06E-02	0.029456	8.37E-03	5.10E-05	3.96E-02	4.80E-02
2594	493330.5	3860443.11	0.56648	0.55696	0.68588	8.69E-03	4.05E-05	1.84E-02	0.027129	8.88E-03	3.99E-05	2.05E-02	0.029383	8.44E-03	5.07E-05	3.93E-02	4.78E-02
2595	493380.5	3860443.11	0.55743	0.5512	0.67844	8.55E-03	4.01E-05	1.82E-02	0.02679	8.74E-03	3.95E-05	2.02E-02	0.029019	8.30E-03	5.01E-05	3.89E-02	4.72E-02
2596	493180.5	3860493.11	0.52943	0.54637	0.69818	8.12E-03	3.98E-05	1.87E-02	0.026889	8.30E-03	3.91E-05	2.08E-02	0.029168	7.89E-03	4.97E-05	4.00E-02	4.79E-02
2597	493230.5	3860493.11	0.5191	0.54606	0.69392	7.97E-03	3.97E-05	1.86E-02	0.026617	8.14E-03	3.91E-05	2.07E-02	0.028879	7.73E-03	4.97E-05	3.98E-02	4.75E-02
2598	493280.5	3860493.11	0.5183	0.55574	0.68959	7.95E-03	4.05E-05	1.85E-02	0.026489	8.13E-03	3.98E-05	2.06E-02	0.028738	7.72E-03	5.06E-05	3.95E-02	4.73E-02
2599	493330.5	3860493.11	0.53133	0.55698	0.68413	8.15E-03	4.05E-05	1.83E-02	0.026543	8.33E-03	3.99E-05	2.04E-02	0.02878	7.92E-03	5.07E-05	3.92E-02	4.72E-02
2600	493380.5	3860493.11	0.53992	0.5509	0.67709	8.29E-03	4.01E-05	1.82E-02	0.026485	8.47E-03	3.95E-05	2.02E-02	0.028704	8.04E-03	5.01E-05	3.88E-02	4.69E-02
2601	493330.5	3860543.11	0.51118	0.53922	0.68232	7.84E-03	3.93E-05	1.83E-02	0.026184	8.01E-03	3.86E-05	2.04E-02	0.028409	7.62E-03	4.90E-05	3.91E-02	4.68E-02
2602	493380.5	3860543.11	0.50428	0.54419	0.67552	7.74E-03	3.96E-05	1.81E-02	0.025896	7.91E-03	3.90E-05	2.02E-02	0.028098	7.51E-03	4.95E-05	3.87E-02	4.63E-02
2603	494135.94	3860876.85	0.43495	0.47775	0.58758	6.67E-03	3.48E-05	1.58E-02	0.022468	6.82E-03	3.42E-05	1.75E-02	0.024383	6.48E-03	4.35E-05	3.37E-02	4.02E-02
2604	494185.94	3860876.85	0.42924	0.47519	0.58128	6.59E-03	3.46E-05	1.56E-02	0.022212	6.73E-03	3.40E-05	1.73E-02	0.024105	6.39E-03	4.32E-05	3.33E-02	3.97E-02
2605	494135.94	3860926.85	0.43672	0.47195	0.58893	6.70E-03	3.44E-05	1.58E-02	0.022531	6.85E-03	3.38E-05	1.76E-02	0.02445	6.51E-03	4.29E-05	3.37E-02	4.03E-02
2606	494185.94	3860926.85	0.43204	0.47142	0.58423	6.63E-03	3.43E-05	1.57E-02	0.022333	6.77E-03	3.38E-05	1.74E-02	0.024237	6.44E-03	4.29E-05	3.35E-02	3.99E-02
2607	494135.94	3860976.85	0.43855	0.46333	0.58745	6.73E-03	3.37E-05	1.58E-02	0.022519	6.88E-03	3.32E-05	1.75E-02	0.024434	6.53E-03	4.21E-05	3.37E-02	4.02E-02
2608	494185.94	3860976.85	0.43305	0.46455	0.58429	6.65E-03	3.38E-05	1.57E-02	0.02235	6.79E-03	3.33E-05	1.74E-02	0.024254	6.45E-03	4.23E-05	3.35E-02	4.00E-02
2609	494135.94	3861026.85	0.44339	0.45056	0.58147	6.80E-03	3.28E-05	1.56E-02	0.022432	6.95E-03	3.23E-05	1.73E-02	0.024331	6.61E-03	4.10E-05	3.33E-02	4.00E-02
2610	494185.94	3861026.85	0.4402	0.45384	0.57984	6.75E-03	3.30E-05	1.56E-02	0.02234	6.90E-03	3.25E-05	1.73E-02	0.024232	6.56E-03	4.13E-05	3.32E-02	3.98E-02
2611	494135.94	3861076.85	0.43063	0.44096	0.56501	6.61E-03	3.21E-05	1.52E-02	0.021794	6.75E-03	3.16E-05	1.69E-02	0.023639	6.42E-03	4.01E-05	3.24E-02	3.88E-02
2612	494185.94	3861076.85	0.43022	0.44127	0.56654	6.60E-03	3.21E-05	1.52E-02	0.021829	6.75E-03	3.16E-05	1.69E-02	0.023678	6.41E-03	4.01E-05	3.25E-02	3.89E-02
2613	490360.04	3858710.04	1.0875	1.05276	1.21045	1.67E-02	7.66E-05	3.25E-02	0.049229	1.71E-02	7.54E-05	3.61E-02	0.053237	1.62E-02	9.58E-05	6.93E-02	8.56E-02
2614	490410.04	3858710.04	1.07368	1.03942	1.18544	1.65E-02	7.57E-05	3.18E-02	0.048346	1.68E-02	7.45E-05	3.54E-02	0.052273	1.60E-02	9.45E-05	6.79E-02	8.40E-02
2615	490460.04	3858710.04	1.06182	0.99814	1.16005	1.63E-02	7.27E-05	3.11E-02	0.04748	1.66E-02	7.15E-05	3.46E-02	0.051327	1.58E-02	9.08E-05	6.65E-02	8.24E-02
2616	490510.04	3858710.04	1.03601	1.01996	1.13929	1.59E-02	7.42E-05	3.06E-02	0.046528	1.62E-02	7.31E-05	3.40E-02	0.050304	1.54E-02	9.28E-05	6.53E-02	8.08E-02
2617	490560.04	3858710.04	1.02444	1.00473	1.13334	1.57E-02	7.31E-05	3.04E-02	0.04619	1.61E-02	7.20E-05	3.38E-02	0.049944	1.53E-02	9.14E-05	6.49E-02	8.03E-02
2618	490610.04	3858710.04	1.01807	1.00093	1.12819	1.56E-02	7.29E-05	3.03E-02	0.045954	1.60E-02	7.17E-05	3.37E-02	0.049691	1.52E-02	9.10E-05	6.46E-02	7.99E-02
2619	490660.04	3858710.04	1.01646	0.97048	1.11318	1.56E-02	7.06E-05	2.99E-02	0.045524	1.59E-02	6.95E-05	3.32E-02	0.049215	1.51E-02	8.83E-05	6.38E-02	7.90E-02
2620	490710.04	3858710.04	1.00296	0.93628	1.08704	1.54E-02	6.82E-05	2.92E-02	0.044614	1.57E-02	6.71E-05	3.24E-02	0.048222	1.49E-02	8.52E-05	6.23E-02	7.73E-02
2621	490760.04	3858710.04	0.98796	0.9512	1.07334	1.52E-02	6.92E-05	2.88E-02	0.044017	1.55E-02	6.82E-05	3.20E-02	0.047579	1.47E-02	8.65E-05	6.15E-02	7.63E-02
2622	490810.04	3858710.04	0.96844	0.9638	1.05941	1.49E-02	7.02E-05	2.84E-02	0.043345	1.52E-02	6.91E-05	3.16E-02	0.046858	1.44E-02	8.77E-05	6.07E-02	7.52E-02
2623	490860.04	3858710.04	0.94836	0.99367	1.0446	1.46E-02	7.23E-05	2.80E-02	0.042642	1.49E-02	7.12E-05	3.12E-02	0.046103	1.41E-02	9.04E-05	5.98E-02	7.41E-02
2624	490360.04	3858760.04	1.10787	1.07072	1.2189	1.70E-02	7.79E-05	3.27E-02	0.04977	1.74E-02	7.67E-05	3.64E-02	0.05381	1.65E-02	9.74E-05	6.98E-02	8.64E-02
2625	490410.04	3858760.04	1.08217	1.03803	1.20625	1.66E-02	7.56E-05	3.24E-02	0.049034	1.70E-02	7.44E-05	3.60E-02	0.053027	1.61E-02	9.44E-05	6.91E-02	8.53E-02
2626	490460.04	3858760.04	1.05794	1.00632	1.19042	1.62E-02	7.33E-05	3.19E-02	0.048235	1.66E-02	7.21E-05	3.55E-02	0.052173	1.58E-02	9.15E-05	6.82E-02	8.40E-02
2627	490510.04	3858760.04	1.03121	0.99567	1.16459	1.58E-02	7.25E-05	3.12E-02	0.047131	1.62E-02	7.13E-05	3.47E-02	0.050982	1.54E-02	9.06E-05	6.67E-02	8.22E-02
2628	490560.04	3858760.04	1.00835	0.99954	1.13903	1.55E-02	7.28E-05	3.05E-02	0.046095	1.58E-02	7.16E-05	3.40E-02	0.049862	1.50E-02	9.09E-05	6.52E-02	8.04E-02

2629	490610.04	3858760.04	0.98525	0.98096	1.11395	1.51E-02	7.14E-05	2.99E-02	0.045067	1.54E-02	7.03E-05	3.32E-02	0.04875	1.47E-02	8.92E-05	6.38E-02	7.86E-02
2630	490660.04	3858760.04	0.96204	0.98606	1.09889	1.48E-02	7.18E-05	2.95E-02	0.044307	1.51E-02	7.07E-05	3.28E-02	0.047937	1.43E-02	8.97E-05	6.29E-02	7.74E-02
2631	490710.04	3858760.04	0.94369	1.01322	1.08446	1.45E-02	7.38E-05	2.91E-02	0.043641	1.48E-02	7.26E-05	3.24E-02	0.047221	1.41E-02	9.22E-05	6.21E-02	7.63E-02
2632	490760.04	3858760.04	0.9318	0.99222	1.07054	1.43E-02	7.22E-05	2.87E-02	0.043083	1.46E-02	7.11E-05	3.19E-02	0.046618	1.39E-02	9.03E-05	6.13E-02	7.53E-02
2633	490810.04	3858760.04	0.92146	0.9648	1.05642	1.41E-02	7.02E-05	2.83E-02	0.042544	1.44E-02	6.91E-05	3.15E-02	0.046032	1.37E-02	8.78E-05	6.05E-02	7.43E-02
2634	490860.04	3858760.04	0.9125	0.93157	1.0425	1.40E-02	6.78E-05	2.80E-02	0.042031	1.43E-02	6.67E-05	3.11E-02	0.045474	1.36E-02	8.47E-05	5.97E-02	7.34E-02
2635	490360.04	3858810.04	1.09406	1.12697	1.21573	1.68E-02	8.20E-05	3.26E-02	0.049477	1.72E-02	8.07E-05	3.63E-02	0.053503	1.63E-02	1.03E-04	6.96E-02	8.60E-02
2636	490410.04	3858810.04	1.0707	1.09466	1.18496	1.64E-02	7.97E-05	3.18E-02	0.048291	1.68E-02	7.84E-05	3.54E-02	0.052216	1.60E-02	9.96E-05	6.79E-02	8.39E-02
2637	490460.04	3858810.04	1.04495	1.06205	1.17202	1.60E-02	7.73E-05	3.14E-02	0.047546	1.64E-02	7.61E-05	3.50E-02	0.051424	1.56E-02	9.66E-05	6.71E-02	8.28E-02
2638	490510.04	3858810.04	1.02648	1.03032	1.1586	1.58E-02	7.50E-05	3.11E-02	0.046901	1.61E-02	7.38E-05	3.46E-02	0.050732	1.53E-02	9.37E-05	6.64E-02	8.18E-02
2639	490560.04	3858810.04	1.01675	0.99538	1.1449	1.56E-02	7.25E-05	3.07E-02	0.046381	1.59E-02	7.13E-05	3.42E-02	0.050168	1.51E-02	9.05E-05	6.56E-02	8.08E-02
2640	490610.04	3858810.04	1.00441	0.99373	1.13036	1.54E-02	7.23E-05	3.03E-02	0.045802	1.57E-02	7.12E-05	3.37E-02	0.049541	1.50E-02	9.04E-05	6.48E-02	7.98E-02
2641	490660.04	3858810.04	0.98467	0.98424	1.12287	1.51E-02	7.16E-05	3.01E-02	0.045297	1.54E-02	7.05E-05	3.35E-02	0.049007	1.47E-02	8.95E-05	6.43E-02	7.91E-02
2642	490710.04	3858810.04	0.95784	0.95386	1.10673	1.47E-02	6.94E-05	2.97E-02	0.044451	1.50E-02	6.83E-05	3.30E-02	0.048103	1.43E-02	8.68E-05	6.34E-02	7.78E-02
2643	490760.04	3858810.04	0.92991	0.99985	1.08175	1.43E-02	7.28E-05	2.90E-02	0.043355	1.46E-02	7.16E-05	3.23E-02	0.046923	1.39E-02	9.09E-05	6.20E-02	7.59E-02
2644	490810.04	3858810.04	0.89954	0.98359	1.05788	1.38E-02	7.16E-05	2.84E-02	0.042248	1.41E-02	7.05E-05	3.16E-02	0.045733	1.34E-02	8.95E-05	6.06E-02	7.41E-02
2645	490860.04	3858810.04	0.87829	0.96059	1.03561	1.35E-02	6.99E-05	2.78E-02	0.041323	1.38E-02	6.88E-05	3.09E-02	0.044734	1.31E-02	8.74E-05	5.93E-02	7.25E-02
2646	490360.04	3858860.04	1.08553	1.1722	1.26325	1.67E-02	8.53E-05	3.39E-02	0.050624	1.70E-02	8.40E-05	3.77E-02	0.05479	1.62E-02	1.07E-04	7.24E-02	8.86E-02
2647	490410.04	3858860.04	1.05684	1.14186	1.22661	1.62E-02	8.31E-05	3.29E-02	0.049199	1.66E-02	8.18E-05	3.66E-02	0.053245	1.57E-02	1.04E-04	7.03E-02	8.61E-02
2648	490460.04	3858860.04	1.03066	1.11089	1.19089	1.58E-02	8.09E-05	3.19E-02	0.047837	1.62E-02	7.96E-05	3.55E-02	0.051766	1.54E-02	1.01E-04	6.82E-02	8.37E-02
2649	490510.04	3858860.04	1.01219	1.08017	1.15647	1.55E-02	7.86E-05	3.10E-02	0.046628	1.59E-02	7.74E-05	3.45E-02	0.050448	1.51E-02	9.83E-05	6.62E-02	8.14E-02
2650	490560.04	3858860.04	0.99211	1.03174	1.12542	1.52E-02	7.51E-05	3.02E-02	0.045484	1.56E-02	7.39E-05	3.36E-02	0.049203	1.48E-02	9.38E-05	6.45E-02	7.93E-02
2651	490610.04	3858860.04	0.97715	1.03037	1.12143	1.50E-02	7.50E-05	3.01E-02	0.045147	1.53E-02	7.38E-05	3.35E-02	0.04885	1.46E-02	9.37E-05	6.42E-02	7.89E-02
2652	490660.04	3858860.04	0.96511	1.01026	1.10886	1.48E-02	7.35E-05	2.97E-02	0.044623	1.51E-02	7.24E-05	3.31E-02	0.048284	1.44E-02	9.19E-05	6.35E-02	7.80E-02
2653	490710.04	3858860.04	0.95573	0.98216	1.09585	1.47E-02	7.15E-05	2.94E-02	0.044129	1.50E-02	7.04E-05	3.27E-02	0.047747	1.42E-02	8.93E-05	6.28E-02	7.71E-02
2654	490760.04	3858860.04	0.94248	0.97364	1.08013	1.45E-02	7.09E-05	2.90E-02	0.043503	1.48E-02	6.98E-05	3.22E-02	0.04707	1.40E-02	8.86E-05	6.19E-02	7.60E-02
2655	490810.04	3858860.04	0.9274	0.92225	1.06295	1.42E-02	6.71E-05	2.85E-02	0.042807	1.45E-02	6.61E-05	3.17E-02	0.046317	1.38E-02	8.39E-05	6.09E-02	7.48E-02
2656	490860.04	3858860.04	0.9121	0.94338	1.04416	1.40E-02	6.87E-05	2.80E-02	0.04207	1.43E-02	6.76E-05	3.11E-02	0.045518	1.36E-02	8.58E-05	5.98E-02	7.35E-02
2657	490360.04	3858910.04	1.09965	1.19066	1.30374	1.69E-02	8.67E-05	3.50E-02	0.051928	1.72E-02	8.53E-05	3.89E-02	0.05622	1.64E-02	1.08E-04	7.47E-02	9.12E-02
2658	490410.04	3858910.04	1.085	1.17485	1.27422	1.66E-02	8.55E-05	3.42E-02	0.05091	1.70E-02	8.42E-05	3.80E-02	0.055109	1.62E-02	1.07E-04	7.30E-02	8.93E-02
2659	490460.04	3858910.04	1.05615	1.14819	1.2373	1.62E-02	8.36E-05	3.32E-02	0.049475	1.66E-02	8.23E-05	3.69E-02	0.053553	1.57E-02	1.04E-04	7.09E-02	8.67E-02
2660	490510.04	3858910.04	1.02795	1.12027	1.20137	1.58E-02	8.15E-05	3.22E-02	0.048077	1.61E-02	8.03E-05	3.58E-02	0.052037	1.53E-02	1.02E-04	6.88E-02	8.42E-02
2661	490560.04	3858910.04	1.00115	1.06306	1.16614	1.54E-02	7.74E-05	3.13E-02	0.046717	1.57E-02	7.62E-05	3.48E-02	0.050562	1.49E-02	9.67E-05	6.68E-02	8.18E-02
2662	490610.04	3858910.04	0.99089	1.0627	1.12313	1.52E-02	7.74E-05	3.01E-02	0.045406	1.55E-02	7.61E-05	3.35E-02	0.049118	1.48E-02	9.67E-05	6.43E-02	7.92E-02
2663	490660.04	3858910.04	0.97603	1.05667	1.09082	1.50E-02	7.69E-05	2.93E-02	0.044311	1.53E-02	7.57E-05	3.25E-02	0.047921	1.45E-02	9.61E-05	6.25E-02	7.71E-02
2664	490710.04	3858910.04	0.96431	1.04513	1.07839	1.48E-02	7.61E-05	2.89E-02	0.043797	1.51E-02	7.49E-05	3.22E-02	0.047365	1.44E-02	9.51E-05	6.18E-02	7.62E-02
2665	490760.04	3858910.04	0.95184	1.02509	1.06286	1.46E-02	7.46E-05	2.85E-02	0.043187	1.49E-02	7.35E-05	3.17E-02	0.046705	1.42E-02	9.32E-05	6.09E-02	7.52E-02
2666	490810.04	3858910.04	0.93422	0.99189	1.04805	1.43E-02	7.22E-05	2.81E-02	0.042517	1.46E-02	7.11E-05	3.13E-02	0.045985	1.39E-02	9.02E-05	6.00E-02	7.40E-02
2667	490860.04	3858910.04	0.91931	0.9519	1.02856	1.41E-02	6.93E-05	2.76E-02	0.041763	1.44E-02	6.82E-05	3.07E-02	0.045167	1.37E-02	8.66E-05	5.89E-02	7.27E-02
2668	490360.04	3858960.04	1.14314	1.12607	1.343	1.75E-02	8.20E-05	3.60E-02	0.053644	1.79E-02	8.07E-05	4.01E-02	0.058069	1.70E-02	1.02E-04	7.69E-02	9.41E-02
2669	490410.04	3858960.04	1.11587	1.13276	1.29644	1.71E-02	8.25E-05	3.48E-02	0.051977	1.75E-02	8.12E-05	3.87E-02	0.056253	1.66E-02	1.03E-04	7.43E-02	9.10E-02
2670	490460.04	3858960.04	1.08732	1.14278	1.25051	1.67E-02	8.32E-05	3.35E-02	0.050308	1.70E-02	8.19E-05	3.73E-02	0.054436	1.62E-02	1.04E-04	7.16E-02	8.79E-02
2671	490510.04	3858960.04	1.057	1.11168	1.23324	1.62E-02	8.09E-05	3.31E-02	0.049377	1.66E-02	7.97E-05	3.68E-02	0.053443	1.57E-02	1.01E-04	7.06E-02	8.65E-02
2672	490560.04	3858960.04	1.03154	1.08323	1.208	1.58E-02	7.89E-05	3.24E-02	0.048307	1.62E-02	7.76E-05	3.60E-02	0.052289	1.54E-02	9.85E-05	6.92E-02	8.47E-02
2673	490610.04	3858960.04	1.01488	1.10418	1.16798	1.56E-02	8.04E-05	3.13E-02	0.04698	1.59E-02	7.91E-05	3.48E-02	0.050835	1.51E-02	1.00E-04	6.69E-02	8.21E-02
2674	490660.04	3858960.04	0.99685	1.07713	1.13173	1.53E-02	7.84E-05	3.04E-02	0.045729	1.56E-02	7.72E-05	3.38E-02	0.049469	1.49E-02	9.80E-05	6.48E-02	7.98E-02
2675	490710.04	3858960.04	0.97178	1.07979	1.09191	1.49E-02	7.86E-05	2.93E-02	0.044276	1.52E-02	7.74E-05	3.26E-02	0.047888	1.45E-02	9.82E-05	6.25E-02	7.71E-02

2676	490760.04	3858960.04	0.95309	1.07438	1.0535	1.46E-02	7.82E-05	2.83E-02	0.042959	1.49E-02	7.70E-05	3.14E-02	0.046449	1.42E-02	9.77E-05	6.03E-02	7.46E-02
2677	490810.04	3858960.04	0.93268	1.05832	1.02744	1.43E-02	7.70E-05	2.76E-02	0.041946	1.46E-02	7.58E-05	3.07E-02	0.04535	1.39E-02	9.63E-05	5.89E-02	7.28E-02
2678	490860.04	3858960.04	0.90763	1.03175	1.00781	1.39E-02	7.51E-05	2.70E-02	0.041033	1.42E-02	7.39E-05	3.01E-02	0.04437	1.35E-02	9.39E-05	5.77E-02	7.13E-02
2679	490360.04	3859010.04	1.14538	1.14054	1.39674	1.76E-02	8.30E-05	3.75E-02	0.05512	1.80E-02	8.17E-05	4.17E-02	0.059708	1.71E-02	1.04E-04	8.00E-02	9.72E-02
2680	490410.04	3859010.04	1.12352	1.10569	1.3619	1.72E-02	8.05E-05	3.65E-02	0.053848	1.76E-02	7.92E-05	4.06E-02	0.058324	1.67E-02	1.01E-04	7.80E-02	9.49E-02
2681	490460.04	3859010.04	1.09523	1.10853	1.31465	1.68E-02	8.07E-05	3.53E-02	0.052147	1.72E-02	7.94E-05	3.92E-02	0.056471	1.63E-02	1.01E-04	7.53E-02	9.17E-02
2682	490510.04	3859010.04	1.07259	1.13188	1.29541	1.65E-02	8.24E-05	3.47E-02	0.051285	1.68E-02	8.11E-05	3.86E-02	0.055543	1.60E-02	1.03E-04	7.42E-02	9.03E-02
2683	490560.04	3859010.04	1.05594	1.10125	1.25408	1.62E-02	8.02E-05	3.36E-02	0.049919	1.66E-02	7.89E-05	3.74E-02	0.054047	1.57E-02	1.00E-04	7.18E-02	8.77E-02
2684	490610.04	3859010.04	1.03684	1.10231	1.21291	1.59E-02	8.02E-05	3.25E-02	0.048522	1.63E-02	7.90E-05	3.62E-02	0.05252	1.54E-02	1.00E-04	6.95E-02	8.50E-02
2685	490660.04	3859010.04	1.01926	1.10829	1.16946	1.56E-02	8.07E-05	3.14E-02	0.047087	1.60E-02	7.94E-05	3.49E-02	0.050948	1.52E-02	1.01E-04	6.70E-02	8.23E-02
2686	490710.04	3859010.04	0.99298	1.08074	1.13098	1.52E-02	7.87E-05	3.03E-02	0.04565	1.56E-02	7.74E-05	3.37E-02	0.049386	1.48E-02	9.83E-05	6.48E-02	7.97E-02
2687	490760.04	3859010.04	0.96955	1.08728	1.09291	1.49E-02	7.91E-05	2.93E-02	0.044269	1.52E-02	7.79E-05	3.26E-02	0.047884	1.44E-02	9.89E-05	6.26E-02	7.71E-02
2688	490810.04	3859010.04	0.94501	1.08939	1.05123	1.45E-02	7.93E-05	2.82E-02	0.042775	1.48E-02	7.81E-05	3.14E-02	0.046256	1.41E-02	9.91E-05	6.02E-02	7.44E-02
2689	490860.04	3859010.04	0.91892	1.07935	1.01105	1.41E-02	7.86E-05	2.71E-02	0.041296	1.44E-02	7.73E-05	3.02E-02	0.044647	1.37E-02	9.82E-05	5.79E-02	7.17E-02
2690	490360.04	3859060.04	1.1238	1.1649	1.41618	1.72E-02	8.48E-05	3.80E-02	0.055312	1.76E-02	8.35E-05	4.22E-02	0.059952	1.67E-02	1.06E-04	8.11E-02	9.80E-02
2691	490410.04	3859060.04	1.12083	1.1119	1.39196	1.72E-02	8.09E-05	3.73E-02	0.054613	1.76E-02	7.97E-05	4.15E-02	0.059179	1.67E-02	1.01E-04	7.97E-02	9.65E-02
2692	490460.04	3859060.04	1.11203	1.06837	1.36724	1.71E-02	7.78E-05	3.67E-02	0.053812	1.74E-02	7.66E-05	4.08E-02	0.0583	1.66E-02	9.72E-05	7.83E-02	9.50E-02
2693	490510.04	3859060.04	1.09878	1.10295	1.34584	1.69E-02	8.03E-05	3.61E-02	0.053037	1.72E-02	7.90E-05	4.01E-02	0.057456	1.64E-02	1.00E-04	7.71E-02	9.36E-02
2694	490560.04	3859060.04	1.08666	1.0722	1.30299	1.67E-02	7.80E-05	3.49E-02	0.0517	1.70E-02	7.68E-05	3.89E-02	0.055986	1.62E-02	9.75E-05	7.46E-02	9.09E-02
2695	490610.04	3859060.04	1.07092	1.05999	1.26172	1.64E-02	7.72E-05	3.38E-02	0.050351	1.68E-02	7.60E-05	3.76E-02	0.054507	1.60E-02	9.64E-05	7.23E-02	8.83E-02
2696	490660.04	3859060.04	1.04298	1.05798	1.22108	1.60E-02	7.70E-05	3.27E-02	0.048832	1.64E-02	7.58E-05	3.64E-02	0.052856	1.55E-02	9.62E-05	6.99E-02	8.56E-02
2697	490710.04	3859060.04	1.01171	1.04013	1.17583	1.55E-02	7.57E-05	3.15E-02	0.047137	1.59E-02	7.45E-05	3.51E-02	0.051015	1.51E-02	9.46E-05	6.74E-02	8.25E-02
2698	490760.04	3859060.04	0.98135	1.05334	1.13125	1.51E-02	7.67E-05	3.03E-02	0.045476	1.54E-02	7.55E-05	3.37E-02	0.04921	1.46E-02	9.58E-05	6.48E-02	7.95E-02
2699	490810.04	3859060.04	0.9507	1.06963	1.08597	1.46E-02	7.79E-05	2.91E-02	0.043793	1.49E-02	7.66E-05	3.24E-02	0.04738	1.42E-02	9.73E-05	6.22E-02	7.65E-02
2700	490860.04	3859060.04	0.91924	1.08005	1.0425	1.41E-02	7.86E-05	2.80E-02	0.042145	1.44E-02	7.74E-05	3.11E-02	0.04559	1.37E-02	9.82E-05	5.97E-02	7.35E-02
2701	490360.04	3859110.04	1.14887	1.11355	1.42607	1.76E-02	8.11E-05	3.82E-02	0.055959	1.80E-02	7.98E-05	4.25E-02	0.060636	1.71E-02	1.01E-04	8.17E-02	9.89E-02
2702	490410.04	3859110.04	1.1456	1.08491	1.40522	1.76E-02	7.90E-05	3.77E-02	0.055347	1.80E-02	7.77E-05	4.19E-02	0.059961	1.71E-02	9.87E-05	8.05E-02	9.77E-02
2703	490460.04	3859110.04	1.13367	1.07868	1.38356	1.74E-02	7.85E-05	3.71E-02	0.054583	1.78E-02	7.73E-05	4.13E-02	0.059127	1.69E-02	9.81E-05	7.93E-02	9.62E-02
2704	490510.04	3859110.04	1.12593	1.09311	1.38322	1.73E-02	7.96E-05	3.71E-02	0.054456	1.77E-02	7.83E-05	4.13E-02	0.058997	1.68E-02	9.94E-05	7.92E-02	9.61E-02
2705	490560.04	3859110.04	1.11203	1.05228	1.3507	1.71E-02	7.66E-05	3.62E-02	0.053367	1.74E-02	7.54E-05	4.03E-02	0.057806	1.66E-02	9.57E-05	7.74E-02	9.40E-02
2706	490610.04	3859110.04	1.08724	1.01468	1.30525	1.67E-02	7.39E-05	3.50E-02	0.051765	1.70E-02	7.27E-05	3.89E-02	0.056058	1.62E-02	9.23E-05	7.48E-02	9.11E-02
2707	490660.04	3859110.04	1.05582	1.00082	1.2566	1.62E-02	7.29E-05	3.37E-02	0.049977	1.66E-02	7.17E-05	3.75E-02	0.054113	1.57E-02	9.10E-05	7.20E-02	8.78E-02
2708	490710.04	3859110.04	1.03029	0.99226	1.21337	1.58E-02	7.22E-05	3.25E-02	0.048425	1.62E-02	7.11E-05	3.62E-02	0.052423	1.53E-02	9.03E-05	6.95E-02	8.49E-02
2709	490760.04	3859110.04	1.0015	0.97338	1.16689	1.54E-02	7.09E-05	3.13E-02	0.046736	1.57E-02	6.97E-05	3.48E-02	0.050583	1.49E-02	8.85E-05	6.68E-02	8.19E-02
2710	490810.04	3859110.04	0.96811	0.98745	1.11664	1.49E-02	7.19E-05	2.99E-02	0.044877	1.52E-02	7.08E-05	3.33E-02	0.048562	1.44E-02	8.98E-05	6.40E-02	7.85E-02
2711	490860.04	3859110.04	0.93384	0.97815	1.06652	1.43E-02	7.12E-05	2.86E-02	0.043006	1.46E-02	7.01E-05	3.18E-02	0.046529	1.39E-02	8.90E-05	6.11E-02	7.51E-02
2712	490360.04	3859160.04	1.1666	1.05756	1.42348	1.79E-02	7.70E-05	3.82E-02	0.056157	1.83E-02	7.58E-05	4.25E-02	0.060833	1.74E-02	9.62E-05	8.15E-02	9.90E-02
2713	490410.04	3859160.04	1.16498	1.0628	1.40154	1.79E-02	7.74E-05	3.76E-02	0.055544	1.83E-02	7.62E-05	4.18E-02	0.060153	1.74E-02	9.67E-05	8.03E-02	9.77E-02
2714	490460.04	3859160.04	1.15605	1.02917	1.38967	1.77E-02	7.49E-05	3.73E-02	0.055086	1.81E-02	7.37E-05	4.15E-02	0.059657	1.72E-02	9.36E-05	7.96E-02	9.69E-02
2715	490510.04	3859160.04	1.14393	1.12018	1.39868	1.76E-02	8.15E-05	3.75E-02	0.055149	1.79E-02	8.03E-05	4.17E-02	0.059742	1.70E-02	1.02E-04	8.01E-02	9.73E-02
2716	490560.04	3859160.04	1.12187	1.07517	1.37486	1.72E-02	7.83E-05	3.69E-02	0.054168	1.76E-02	7.70E-05	4.10E-02	0.058682	1.67E-02	9.78E-05	7.88E-02	9.56E-02
2717	490610.04	3859160.04	1.09354	1.02687	1.34877	1.68E-02	7.47E-05	3.62E-02	0.05303	1.71E-02	7.36E-05	4.02E-02	0.057456	1.63E-02	9.34E-05	7.73E-02	9.36E-02
2718	490660.04	3859160.04	1.05	0.96411	1.29537	1.61E-02	7.02E-05	3.47E-02	0.050925	1.65E-02	6.91E-05	3.86E-02	0.055176	1.56E-02	8.77E-05	7.42E-02	8.99E-02
2719	490710.04	3859160.04	1.02468	0.97649	1.24922	1.57E-02	7.11E-05	3.35E-02	0.0493	1.61E-02	7.00E-05	3.73E-02	0.053403	1.53E-02	8.88E-05	7.16E-02	8.69E-02
2720	490760.04	3859160.04	0.98564	0.97723	1.19029	1.51E-02	7.11E-05	3.19E-02	0.04712	1.55E-02	7.00E-05	3.55E-02	0.051033	1.47E-02	8.89E-05	6.82E-02	8.30E-02
2721	490810.04	3859160.04	0.95818	0.95072	1.14317	1.47E-02	6.92E-05	3.07E-02	0.045433	1.50E-02	6.81E-05	3.41E-02	0.049195	1.43E-02	8.65E-05	6.55E-02	7.98E-02
2722	490860.04	3859160.04	0.92833	0.91299	1.09442	1.42E-02	6.65E-05	2.94E-02	0.043665	1.46E-02	6.54E-05	3.26E-02	0.04727	1.38E-02	8.30E-05	6.27E-02	7.66E-02

2723	490360.04	3859210.04	1.17734	0.99922	1.34533	1.81E-02	7.27E-05	3.61E-02	0.054222	1.85E-02	7.16E-05	4.01E-02	0.058666	1.75E-02	9.09E-05	7.71E-02	9.47E-02
2724	490410.04	3859210.04	1.16785	1.01286	1.34704	1.79E-02	7.37E-05	3.61E-02	0.054123	1.83E-02	7.26E-05	4.02E-02	0.058569	1.74E-02	9.21E-05	7.72E-02	9.47E-02
2725	490460.04	3859210.04	1.16787	0.97793	1.36008	1.79E-02	7.12E-05	3.65E-02	0.05447	1.83E-02	7.01E-05	4.06E-02	0.058956	1.74E-02	8.90E-05	7.79E-02	9.54E-02
2726	490510.04	3859210.04	1.15639	1.08655	1.35729	1.77E-02	7.91E-05	3.64E-02	0.054227	1.81E-02	7.79E-05	4.05E-02	0.0587	1.72E-02	9.88E-05	7.78E-02	9.51E-02
2727	490560.04	3859210.04	1.12944	1.10206	1.35578	1.73E-02	8.02E-05	3.64E-02	0.053774	1.77E-02	7.90E-05	4.04E-02	0.058234	1.68E-02	1.00E-04	7.77E-02	9.46E-02
2728	490610.04	3859210.04	1.0987	1.06802	1.34894	1.69E-02	7.77E-05	3.62E-02	0.053117	1.72E-02	7.65E-05	4.02E-02	0.057545	1.64E-02	9.71E-05	7.73E-02	9.37E-02
2729	490660.04	3859210.04	1.06974	1.03134	1.32611	1.64E-02	7.51E-05	3.56E-02	0.052057	1.68E-02	7.39E-05	3.96E-02	0.056407	1.59E-02	9.38E-05	7.60E-02	9.20E-02
2730	490710.04	3859210.04	1.04417	0.96551	1.29374	1.60E-02	7.03E-05	3.47E-02	0.050792	1.64E-02	6.92E-05	3.86E-02	0.055036	1.56E-02	8.78E-05	7.41E-02	8.98E-02
2731	490760.04	3859210.04	1.02392	0.93172	1.23547	1.57E-02	6.78E-05	3.31E-02	0.048916	1.61E-02	6.68E-05	3.69E-02	0.052978	1.53E-02	8.48E-05	7.08E-02	8.61E-02
2732	490810.04	3859210.04	0.99036	0.94456	1.199	1.52E-02	6.88E-05	3.22E-02	0.047424	1.55E-02	6.77E-05	3.58E-02	0.051365	1.48E-02	8.59E-05	6.87E-02	8.35E-02
2733	490860.04	3859210.04	0.95731	0.94688	1.16199	1.47E-02	6.89E-05	3.12E-02	0.045924	1.50E-02	6.78E-05	3.47E-02	0.049742	1.43E-02	8.61E-05	6.66E-02	8.09E-02
2734	490360.04	3859260.04	1.1703	0.94829	1.34418	1.80E-02	6.90E-05	3.61E-02	0.054079	1.83E-02	6.79E-05	4.01E-02	0.058517	1.74E-02	8.63E-05	7.70E-02	9.45E-02
2735	490410.04	3859260.04	1.16347	0.96241	1.3006	1.79E-02	7.01E-05	3.49E-02	0.052806	1.82E-02	6.90E-05	3.88E-02	0.057111	1.73E-02	8.75E-05	7.45E-02	9.19E-02
2736	490460.04	3859260.04	1.1574	0.96796	1.28808	1.78E-02	7.05E-05	3.45E-02	0.052378	1.81E-02	6.94E-05	3.84E-02	0.056643	1.72E-02	8.80E-05	7.38E-02	9.11E-02
2737	490510.04	3859260.04	1.14869	0.94672	1.28966	1.76E-02	6.89E-05	3.46E-02	0.052285	1.80E-02	6.78E-05	3.85E-02	0.056552	1.71E-02	8.61E-05	7.39E-02	9.11E-02
2738	490560.04	3859260.04	1.13831	1.03638	1.29927	1.75E-02	7.54E-05	3.48E-02	0.05239	1.78E-02	7.43E-05	3.88E-02	0.056682	1.70E-02	9.43E-05	7.44E-02	9.15E-02
2739	490610.04	3859260.04	1.11599	1.07111	1.29534	1.71E-02	7.80E-05	3.47E-02	0.051945	1.75E-02	7.67E-05	3.86E-02	0.056217	1.66E-02	9.74E-05	7.42E-02	9.09E-02
2740	490660.04	3859260.04	1.0894	1.07786	1.29669	1.67E-02	7.85E-05	3.48E-02	0.051573	1.71E-02	7.72E-05	3.87E-02	0.055841	1.62E-02	9.80E-05	7.43E-02	9.06E-02
2741	490710.04	3859260.04	1.06151	1.03846	1.29258	1.63E-02	7.56E-05	3.47E-02	0.051032	1.66E-02	7.44E-05	3.86E-02	0.055279	1.58E-02	9.45E-05	7.40E-02	9.00E-02
2742	490760.04	3859260.04	1.05414	0.99655	1.27388	1.62E-02	7.25E-05	3.42E-02	0.050415	1.65E-02	7.14E-05	3.80E-02	0.054602	1.57E-02	9.06E-05	7.30E-02	8.88E-02
2743	490810.04	3859260.04	1.02406	0.93922	1.26817	1.57E-02	6.84E-05	3.40E-02	0.049796	1.61E-02	6.73E-05	3.78E-02	0.053956	1.53E-02	8.54E-05	7.26E-02	8.80E-02
2744	490860.04	3859260.04	0.99452	0.90612	1.23348	1.53E-02	6.60E-05	3.31E-02	0.04841	1.56E-02	6.49E-05	3.68E-02	0.052456	1.48E-02	8.24E-05	7.07E-02	8.56E-02
2745	490360.04	3859310.04	1.13674	0.93325	1.30998	1.74E-02	6.79E-05	3.51E-02	0.052646	1.78E-02	6.69E-05	3.91E-02	0.05697	1.69E-02	8.49E-05	7.50E-02	9.21E-02
2746	490410.04	3859310.04	1.1413	0.92973	1.32074	1.75E-02	6.77E-05	3.54E-02	0.053004	1.79E-02	6.66E-05	3.94E-02	0.057362	1.70E-02	8.46E-05	7.57E-02	9.27E-02
2747	490460.04	3859310.04	1.1446	0.92015	1.29682	1.76E-02	6.70E-05	3.48E-02	0.052412	1.79E-02	6.59E-05	3.87E-02	0.056699	1.71E-02	8.37E-05	7.43E-02	9.14E-02
2748	490510.04	3859310.04	1.13844	0.93236	1.26596	1.75E-02	6.79E-05	3.40E-02	0.051491	1.78E-02	6.68E-05	3.78E-02	0.055683	1.70E-02	8.48E-05	7.25E-02	8.96E-02
2749	490560.04	3859310.04	1.11688	0.92048	1.25526	1.71E-02	6.70E-05	3.37E-02	0.050872	1.75E-02	6.60E-05	3.74E-02	0.055025	1.66E-02	8.37E-05	7.19E-02	8.86E-02
2750	490610.04	3859310.04	1.10526	0.91593	1.24265	1.70E-02	6.67E-05	3.33E-02	0.050356	1.73E-02	6.56E-05	3.71E-02	0.054466	1.65E-02	8.33E-05	7.12E-02	8.77E-02
2751	490660.04	3859310.04	1.09673	1.00315	1.27183	1.68E-02	7.30E-05	3.41E-02	0.051014	1.72E-02	7.19E-05	3.79E-02	0.055209	1.63E-02	9.12E-05	7.29E-02	8.93E-02
2752	490710.04	3859310.04	1.07956	1.03777	1.25761	1.66E-02	7.55E-05	3.37E-02	0.050371	1.69E-02	7.44E-05	3.75E-02	0.054518	1.61E-02	9.44E-05	7.20E-02	8.82E-02
2753	490760.04	3859310.04	1.06264	1.05028	1.23942	1.63E-02	7.65E-05	3.32E-02	0.049625	1.67E-02	7.53E-05	3.70E-02	0.053711	1.58E-02	9.55E-05	7.10E-02	8.69E-02
2754	490810.04	3859310.04	1.04597	1.00988	1.23844	1.61E-02	7.35E-05	3.32E-02	0.04934	1.64E-02	7.24E-05	3.69E-02	0.053418	1.56E-02	9.19E-05	7.09E-02	8.66E-02
2755	490860.04	3859310.04	1.02597	0.96753	1.23132	1.57E-02	7.04E-05	3.30E-02	0.048839	1.61E-02	6.93E-05	3.67E-02	0.052889	1.53E-02	8.80E-05	7.05E-02	8.59E-02
2756	490360.04	3859360.04	1.10549	0.91696	1.2305	1.70E-02	6.67E-05	3.30E-02	0.050033	1.73E-02	6.57E-05	3.67E-02	0.054107	1.65E-02	8.34E-05	7.05E-02	8.70E-02
2757	490410.04	3859360.04	1.08262	0.9056	1.25101	1.66E-02	6.59E-05	3.36E-02	0.050232	1.70E-02	6.49E-05	3.73E-02	0.05436	1.61E-02	8.24E-05	7.17E-02	8.79E-02
2758	490460.04	3859360.04	1.08211	0.90566	1.26636	1.66E-02	6.59E-05	3.40E-02	0.050635	1.70E-02	6.49E-05	3.78E-02	0.05481	1.61E-02	8.24E-05	7.25E-02	8.87E-02
2759	490510.04	3859360.04	1.09159	0.90181	1.27753	1.68E-02	6.56E-05	3.43E-02	0.05108	1.71E-02	6.46E-05	3.81E-02	0.055291	1.63E-02	8.20E-05	7.32E-02	8.95E-02
2760	490560.04	3859360.04	1.09469	0.89334	1.25172	1.68E-02	6.50E-05	3.36E-02	0.050435	1.72E-02	6.40E-05	3.73E-02	0.05457	1.63E-02	8.13E-05	7.17E-02	8.81E-02
2761	490610.04	3859360.04	1.09425	0.90409	1.23276	1.68E-02	6.58E-05	3.31E-02	0.04992	1.72E-02	6.48E-05	3.68E-02	0.053998	1.63E-02	8.22E-05	7.06E-02	8.70E-02
2762	490660.04	3859360.04	1.0955	0.89086	1.22366	1.68E-02	6.48E-05	3.28E-02	0.049695	1.72E-02	6.38E-05	3.65E-02	0.053745	1.63E-02	8.10E-05	7.01E-02	8.65E-02
2763	490710.04	3859360.04	1.08366	0.98054	1.26165	1.66E-02	7.14E-05	3.38E-02	0.050538	1.70E-02	7.03E-05	3.76E-02	0.054699	1.61E-02	8.92E-05	7.23E-02	8.85E-02
2764	490760.04	3859360.04	1.06396	0.99294	1.24676	1.63E-02	7.23E-05	3.34E-02	0.049838	1.67E-02	7.11E-05	3.72E-02	0.053947	1.58E-02	9.03E-05	7.14E-02	8.74E-02
2765	490810.04	3859360.04	1.05287	1.00439	1.22381	1.62E-02	7.31E-05	3.28E-02	0.049053	1.65E-02	7.20E-05	3.65E-02	0.053089	1.57E-02	9.14E-05	7.01E-02	8.59E-02
2766	490860.04	3859360.04	1.03216	1.01699	1.19686	1.58E-02	7.40E-05	3.21E-02	0.048013	1.62E-02	7.29E-05	3.57E-02	0.051961	1.54E-02	9.25E-05	6.86E-02	8.40E-02
2767	490360.04	3859410.04	1.09355	0.89555	1.15704	1.68E-02	6.52E-05	3.10E-02	0.047878	1.71E-02	6.42E-05	3.45E-02	0.051727	1.63E-02	8.15E-05	6.63E-02	8.27E-02
2768	490410.04	3859410.04	1.08327	0.8938	1.17543	1.66E-02	6.51E-05	3.15E-02	0.048214	1.70E-02	6.40E-05	3.51E-02	0.052115	1.61E-02	8.13E-05	6.73E-02	8.36E-02
2769	490460.04	3859410.04	1.06616	0.88748	1.18969	1.64E-02	6.46E-05	3.19E-02	0.048333	1.67E-02	6.36E-05	3.55E-02	0.052271	1.59E-02	8.07E-05	6.82E-02	8.41E-02

2770	490510.04	3859410.04	1.04536	0.87843	1.2084	1.60E-02	6.39E-05	3.24E-02	0.048515	1.64E-02	6.29E-05	3.60E-02	0.052503	1.56E-02	7.99E-05	6.92E-02	8.49E-02
2771	490560.04	3859410.04	1.03656	0.87952	1.2249	1.59E-02	6.40E-05	3.29E-02	0.048823	1.63E-02	6.30E-05	3.65E-02	0.052857	1.54E-02	8.00E-05	7.02E-02	8.57E-02
2772	490610.04	3859410.04	1.03708	0.87608	1.23724	1.59E-02	6.38E-05	3.32E-02	0.049161	1.63E-02	6.28E-05	3.69E-02	0.053233	1.54E-02	7.97E-05	7.09E-02	8.64E-02
2773	490660.04	3859410.04	1.0377	0.86802	1.20861	1.59E-02	6.32E-05	3.24E-02	0.048402	1.63E-02	6.22E-05	3.61E-02	0.052388	1.55E-02	7.90E-05	6.92E-02	8.48E-02
2774	490710.04	3859410.04	1.03631	0.86082	1.20077	1.59E-02	6.27E-05	3.22E-02	0.04817	1.62E-02	6.17E-05	3.58E-02	0.052132	1.54E-02	7.83E-05	6.88E-02	8.43E-02
2775	490760.04	3859410.04	1.02415	0.94862	1.24438	1.57E-02	6.91E-05	3.34E-02	0.04916	1.61E-02	6.80E-05	3.71E-02	0.053248	1.53E-02	8.63E-05	7.13E-02	8.66E-02
2776	490810.04	3859410.04	1.03655	0.95647	1.23643	1.59E-02	6.96E-05	3.32E-02	0.049137	1.63E-02	6.85E-05	3.69E-02	0.053206	1.54E-02	8.70E-05	7.08E-02	8.64E-02
2777	490860.04	3859410.04	1.0434	0.9486	1.21727	1.60E-02	6.91E-05	3.26E-02	0.048728	1.64E-02	6.80E-05	3.63E-02	0.052742	1.55E-02	8.63E-05	6.97E-02	8.54E-02
2778	490360.04	3859460.04	1.08583	0.85895	1.10838	1.67E-02	6.25E-05	2.97E-02	0.046452	1.70E-02	6.15E-05	3.31E-02	0.050152	1.62E-02	7.81E-05	6.35E-02	7.97E-02
2779	490410.04	3859460.04	1.08023	0.86602	1.10623	1.66E-02	6.30E-05	2.97E-02	0.046309	1.69E-02	6.21E-05	3.30E-02	0.050001	1.61E-02	7.88E-05	6.34E-02	7.95E-02
2780	490460.04	3859460.04	1.06793	0.86832	1.12088	1.64E-02	6.32E-05	3.01E-02	0.046513	1.67E-02	6.22E-05	3.34E-02	0.050245	1.59E-02	7.90E-05	6.42E-02	8.02E-02
2781	490510.04	3859460.04	1.05715	0.86657	1.13964	1.62E-02	6.31E-05	3.06E-02	0.046851	1.66E-02	6.21E-05	3.40E-02	0.050635	1.57E-02	7.88E-05	6.53E-02	8.11E-02
2782	490560.04	3859460.04	1.04151	0.86045	1.15419	1.60E-02	6.26E-05	3.10E-02	0.047001	1.63E-02	6.17E-05	3.44E-02	0.050824	1.55E-02	7.83E-05	6.61E-02	8.17E-02
2783	490610.04	3859460.04	1.02573	0.85447	1.1695	1.57E-02	6.22E-05	3.14E-02	0.047169	1.61E-02	6.12E-05	3.49E-02	0.051033	1.53E-02	7.77E-05	6.70E-02	8.24E-02
2784	490660.04	3859460.04	1.00913	0.8557	1.18666	1.55E-02	6.23E-05	3.18E-02	0.047374	1.58E-02	6.13E-05	3.54E-02	0.051284	1.50E-02	7.78E-05	6.80E-02	8.31E-02
2785	490710.04	3859460.04	0.99493	0.85201	1.19842	1.53E-02	6.20E-05	3.21E-02	0.047472	1.56E-02	6.10E-05	3.58E-02	0.051412	1.48E-02	7.75E-05	6.87E-02	8.36E-02
2786	490760.04	3859460.04	0.99595	0.84417	1.17422	1.53E-02	6.14E-05	3.15E-02	0.046838	1.56E-02	6.05E-05	3.50E-02	0.050706	1.48E-02	7.68E-05	6.73E-02	8.22E-02
2787	490810.04	3859460.04	0.99458	0.83554	1.17045	1.53E-02	6.08E-05	3.14E-02	0.046715	1.56E-02	5.99E-05	3.49E-02	0.050571	1.48E-02	7.60E-05	6.70E-02	8.19E-02
2788	490860.04	3859460.04	1.00843	0.84035	1.16505	1.55E-02	6.12E-05	3.12E-02	0.046783	1.58E-02	6.02E-05	3.48E-02	0.050628	1.50E-02	7.64E-05	6.67E-02	8.18E-02
2789	490360.04	3859510.04	1.05185	0.83014	1.07811	1.61E-02	6.04E-05	2.89E-02	0.045117	1.65E-02	5.95E-05	3.22E-02	0.048714	1.57E-02	7.55E-05	6.18E-02	7.75E-02
2790	490410.04	3859510.04	1.05941	0.82441	1.07688	1.63E-02	6.00E-05	2.89E-02	0.045199	1.66E-02	5.91E-05	3.21E-02	0.048796	1.58E-02	7.50E-05	6.17E-02	7.75E-02
2791	490460.04	3859510.04	1.05824	0.83411	1.07898	1.62E-02	6.07E-05	2.89E-02	0.045238	1.66E-02	5.98E-05	3.22E-02	0.048841	1.58E-02	7.59E-05	6.18E-02	7.76E-02
2792	490510.04	3859510.04	1.05283	0.84014	1.0765	1.62E-02	6.12E-05	2.89E-02	0.045089	1.65E-02	6.02E-05	3.21E-02	0.048682	1.57E-02	7.64E-05	6.17E-02	7.74E-02
2793	490560.04	3859510.04	1.04393	0.84246	1.08652	1.60E-02	6.13E-05	2.91E-02	0.045222	1.64E-02	6.04E-05	3.24E-02	0.048842	1.56E-02	7.66E-05	6.22E-02	7.79E-02
2794	490610.04	3859510.04	1.02857	0.84105	1.10591	1.58E-02	6.12E-05	2.97E-02	0.045506	1.61E-02	6.03E-05	3.30E-02	0.049179	1.53E-02	7.65E-05	6.34E-02	7.88E-02
2795	490660.04	3859510.04	1.02308	0.83554	1.12115	1.57E-02	6.08E-05	3.01E-02	0.04583	1.60E-02	5.99E-05	3.34E-02	0.049547	1.52E-02	7.60E-05	6.42E-02	7.95E-02
2796	490710.04	3859510.04	1.00916	0.83179	1.13276	1.55E-02	6.05E-05	3.04E-02	0.045927	1.58E-02	5.96E-05	3.38E-02	0.049675	1.50E-02	7.57E-05	6.49E-02	8.00E-02
2797	490760.04	3859510.04	0.9895	0.83253	1.14929	1.52E-02	6.06E-05	3.08E-02	0.046069	1.55E-02	5.97E-05	3.43E-02	0.04986	1.47E-02	7.57E-05	6.58E-02	8.07E-02
2798	490810.04	3859510.04	0.97093	0.82889	1.16152	1.49E-02	6.03E-05	3.12E-02	0.046112	1.52E-02	5.94E-05	3.47E-02	0.049934	1.45E-02	7.54E-05	6.65E-02	8.11E-02
2799	490860.04	3859510.04	0.95749	0.82181	1.14387	1.47E-02	5.98E-05	3.07E-02	0.045432	1.50E-02	5.89E-05	3.41E-02	0.049196	1.43E-02	7.48E-05	6.55E-02	7.99E-02
2800	490360.04	3859560.04	1.03946	0.77927	1.0617	1.60E-02	5.67E-05	2.85E-02	0.044483	1.63E-02	5.58E-05	3.17E-02	0.048027	1.55E-02	7.09E-05	6.08E-02	7.64E-02
2801	490410.04	3859560.04	1.01946	0.80489	1.05485	1.56E-02	5.86E-05	2.83E-02	0.043994	1.60E-02	5.77E-05	3.15E-02	0.047511	1.52E-02	7.32E-05	6.04E-02	7.57E-02
2802	490460.04	3859560.04	1.01989	0.80962	1.04514	1.57E-02	5.89E-05	2.80E-02	0.04374	1.60E-02	5.80E-05	3.12E-02	0.047228	1.52E-02	7.36E-05	5.99E-02	7.51E-02
2803	490510.04	3859560.04	1.03289	0.80184	1.04946	1.58E-02	5.84E-05	2.81E-02	0.044055	1.62E-02	5.75E-05	3.13E-02	0.04756	1.54E-02	7.29E-05	6.01E-02	7.56E-02
2804	490560.04	3859560.04	1.0318	0.81025	1.05048	1.58E-02	5.90E-05	2.82E-02	0.044067	1.62E-02	5.81E-05	3.13E-02	0.047574	1.54E-02	7.37E-05	6.02E-02	7.56E-02
2805	490610.04	3859560.04	1.03032	0.81628	1.04914	1.58E-02	5.94E-05	2.81E-02	0.044008	1.62E-02	5.85E-05	3.13E-02	0.047511	1.53E-02	7.43E-05	6.01E-02	7.55E-02
2806	490660.04	3859560.04	1.0248	0.81852	1.05472	1.57E-02	5.96E-05	2.83E-02	0.044073	1.61E-02	5.86E-05	3.15E-02	0.047591	1.53E-02	7.45E-05	6.04E-02	7.58E-02
2807	490710.04	3859560.04	0.99392	0.81712	1.07406	1.53E-02	5.95E-05	2.88E-02	0.044118	1.56E-02	5.85E-05	3.20E-02	0.047684	1.48E-02	7.43E-05	6.15E-02	7.64E-02
2808	490760.04	3859560.04	1.0078	0.8121	1.08994	1.55E-02	5.91E-05	2.92E-02	0.044757	1.58E-02	5.82E-05	3.25E-02	0.048375	1.50E-02	7.39E-05	6.24E-02	7.75E-02
2809	490810.04	3859560.04	0.99075	0.81021	1.10153	1.52E-02	5.90E-05	2.95E-02	0.044806	1.55E-02	5.81E-05	3.29E-02	0.048453	1.48E-02	7.37E-05	6.31E-02	7.79E-02
2810	490860.04	3859560.04	0.97351	0.81045	1.11369	1.49E-02	5.90E-05	2.99E-02	0.044867	1.53E-02	5.81E-05	3.32E-02	0.048546	1.45E-02	7.37E-05	6.38E-02	7.84E-02
2811	490187.25	3859422.08	1.10818	0.86709	1.13976	1.70E-02	6.31E-05	3.06E-02	0.047637	1.74E-02	6.21E-05	3.40E-02	0.051439	1.65E-02	7.89E-05	6.53E-02	8.19E-02
2812	490237.25	3859422.08	1.11404	0.86948	1.13183	1.71E-02	6.33E-05	3.04E-02	0.047515	1.75E-02	6.23E-05	3.38E-02	0.051295	1.66E-02	7.91E-05	6.48E-02	8.15E-02
2813	490287.25	3859422.08	1.10818	0.87953	1.13206	1.70E-02	6.40E-05	3.04E-02	0.047432	1.74E-02	6.30E-05	3.38E-02	0.05121	1.65E-02	8.00E-05	6.48E-02	8.14E-02
2814	490337.25	3859422.08	1.09806	0.88661	1.12897	1.68E-02	6.45E-05	3.03E-02	0.047194	1.72E-02	6.35E-05	3.37E-02	0.05096	1.64E-02	8.06E-05	6.47E-02	8.11E-02
2815	490187.25	3859472.08	1.10561	0.82703	1.12585	1.70E-02	6.02E-05	3.02E-02	0.047222	1.73E-02	5.93E-05	3.36E-02	0.050981	1.65E-02	7.52E-05	6.45E-02	8.10E-02
2816	490237.25	3859472.08	1.08055	0.83547	1.11629	1.66E-02	6.08E-05	2.99E-02	0.046581	1.69E-02	5.99E-05	3.33E-02	0.050303	1.61E-02	7.60E-05	6.39E-02	8.01E-02

2817	490287.25	3859472.08	1.07989	0.84602	1.10481	1.66E-02	6.16E-05	2.96E-02	0.046264	1.69E-02	6.06E-05	3.30E-02	0.049951	1.61E-02	7.70E-05	6.33E-02	7.95E-02
2818	490337.25	3859472.08	1.08346	0.84395	1.10062	1.66E-02	6.14E-05	2.95E-02	0.046206	1.70E-02	6.05E-05	3.28E-02	0.049882	1.61E-02	7.68E-05	6.30E-02	7.93E-02
2819	490297.07	3859500.42	1.05929	0.82959	1.0958	1.63E-02	6.04E-05	2.94E-02	0.045705	1.66E-02	5.94E-05	3.27E-02	0.049358	1.58E-02	7.55E-05	6.28E-02	7.86E-02
2820	490327.07	3859500.42	1.05056	0.83722	1.08766	1.61E-02	6.09E-05	2.92E-02	0.045354	1.65E-02	6.00E-05	3.24E-02	0.048979	1.57E-02	7.62E-05	6.23E-02	7.80E-02
2821	490297.07	3859530.42	1.06196	0.79408	1.08229	1.63E-02	5.78E-05	2.90E-02	0.045381	1.67E-02	5.69E-05	3.23E-02	0.048995	1.58E-02	7.22E-05	6.20E-02	7.79E-02
2822	490327.07	3859530.42	1.0499	0.80241	1.07869	1.61E-02	5.84E-05	2.89E-02	0.0451	1.65E-02	5.75E-05	3.22E-02	0.048699	1.56E-02	7.30E-05	6.18E-02	7.75E-02
2823	490319.73	3859055.34	1.1335	1.1658	1.43142	1.74E-02	8.49E-05	3.84E-02	0.05587	1.78E-02	8.35E-05	4.27E-02	0.060558	1.69E-02	1.06E-04	8.20E-02	9.90E-02
2824	490319.73	3859105.34	1.15068	1.10924	1.43991	1.77E-02	8.07E-05	3.86E-02	0.056357	1.80E-02	7.95E-05	4.30E-02	0.061077	1.71E-02	1.01E-04	8.25E-02	9.97E-02
2825	490069.73	3859155.34	1.23805	1.01962	1.449	1.90E-02	7.42E-05	3.89E-02	0.057935	1.94E-02	7.31E-05	4.32E-02	0.062712	1.84E-02	9.27E-05	8.30E-02	1.02E-01
2826	490119.73	3859155.34	1.20733	1.01215	1.45187	1.85E-02	7.37E-05	3.89E-02	0.05754	1.89E-02	7.25E-05	4.33E-02	0.062315	1.80E-02	9.21E-05	8.32E-02	1.01E-01
2827	490269.73	3859155.34	1.16858	1.03751	1.40541	1.79E-02	7.55E-05	3.77E-02	0.055701	1.83E-02	7.43E-05	4.19E-02	0.060323	1.74E-02	9.44E-05	8.05E-02	9.80E-02
2828	490319.73	3859155.34	1.16681	1.05345	1.42605	1.79E-02	7.67E-05	3.82E-02	0.056229	1.83E-02	7.55E-05	4.25E-02	0.060912	1.74E-02	9.58E-05	8.17E-02	9.92E-02
2829	490069.73	3859205.34	1.25156	1.00826	1.3725	1.92E-02	7.34E-05	3.68E-02	0.05609	1.96E-02	7.22E-05	4.09E-02	0.06064	1.86E-02	9.17E-05	7.86E-02	9.74E-02
2830	490119.73	3859205.34	1.24183	0.99022	1.38383	1.91E-02	7.21E-05	3.71E-02	0.056243	1.95E-02	7.10E-05	4.13E-02	0.060825	1.85E-02	9.01E-05	7.93E-02	9.79E-02
2831	490169.73	3859205.34	1.20048	0.9841	1.3949	1.84E-02	7.16E-05	3.74E-02	0.055905	1.88E-02	7.05E-05	4.16E-02	0.060506	1.79E-02	8.95E-05	7.99E-02	9.79E-02
2832	490219.73	3859205.34	1.17737	0.98057	1.40528	1.81E-02	7.14E-05	3.77E-02	0.055829	1.85E-02	7.03E-05	4.19E-02	0.060453	1.75E-02	8.92E-05	8.05E-02	9.81E-02
2833	490269.73	3859205.34	1.18657	0.98498	1.3717	1.82E-02	7.17E-05	3.68E-02	0.055069	1.86E-02	7.06E-05	4.09E-02	0.059596	1.77E-02	8.96E-05	7.86E-02	9.63E-02
2834	490319.73	3859205.34	1.17868	0.99799	1.34679	1.81E-02	7.26E-05	3.61E-02	0.054281	1.85E-02	7.15E-05	4.02E-02	0.05873	1.76E-02	9.08E-05	7.72E-02	9.48E-02
2835	490069.73	3859255.34	1.19192	0.98892	1.28734	1.83E-02	7.20E-05	3.45E-02	0.052889	1.87E-02	7.09E-05	3.84E-02	0.057163	1.78E-02	9.00E-05	7.37E-02	9.16E-02
2836	490119.73	3859255.34	1.19163	0.98284	1.30075	1.83E-02	7.15E-05	3.49E-02	0.053244	1.87E-02	7.04E-05	3.88E-02	0.057559	1.78E-02	8.94E-05	7.45E-02	9.24E-02
2837	490169.73	3859255.34	1.18873	0.97299	1.32237	1.82E-02	7.08E-05	3.55E-02	0.053779	1.86E-02	6.97E-05	3.94E-02	0.058157	1.77E-02	8.85E-05	7.58E-02	9.35E-02
2838	490219.73	3859255.34	1.19005	0.96003	1.34289	1.83E-02	6.99E-05	3.60E-02	0.054348	1.87E-02	6.88E-05	4.01E-02	0.058789	1.77E-02	8.73E-05	7.69E-02	9.47E-02
2839	490269.73	3859255.34	1.18636	0.96051	1.3585	1.82E-02	6.99E-05	3.64E-02	0.05471	1.86E-02	6.88E-05	4.05E-02	0.059197	1.77E-02	8.74E-05	7.78E-02	9.56E-02
2840	490319.73	3859255.34	1.17415	0.9553	1.36717	1.80E-02	6.95E-05	3.67E-02	0.054755	1.84E-02	6.84E-05	4.08E-02	0.059264	1.75E-02	8.69E-05	7.83E-02	9.59E-02
2841	490069.73	3859305.34	1.18101	0.95077	1.21138	1.81E-02	6.92E-05	3.25E-02	0.050682	1.85E-02	6.81E-05	3.61E-02	0.054724	1.76E-02	8.65E-05	6.94E-02	8.71E-02
2842	490119.73	3859305.34	1.15864	0.95413	1.22304	1.78E-02	6.95E-05	3.28E-02	0.050652	1.82E-02	6.84E-05	3.65E-02	0.054721	1.73E-02	8.68E-05	7.01E-02	8.74E-02
2843	490169.73	3859305.34	1.13938	0.95469	1.242	1.75E-02	6.95E-05	3.33E-02	0.050865	1.79E-02	6.84E-05	3.71E-02	0.054985	1.70E-02	8.68E-05	7.11E-02	8.82E-02
2844	490219.73	3859305.34	1.1438	0.95195	1.25878	1.76E-02	6.93E-05	3.38E-02	0.051382	1.79E-02	6.82E-05	3.76E-02	0.055554	1.70E-02	8.66E-05	7.21E-02	8.92E-02
2845	490269.73	3859305.34	1.14058	0.9441	1.28261	1.75E-02	6.87E-05	3.44E-02	0.051971	1.79E-02	6.76E-05	3.83E-02	0.056214	1.70E-02	8.59E-05	7.35E-02	9.06E-02
2846	490319.73	3859305.34	1.13907	0.93434	1.30359	1.75E-02	6.80E-05	3.50E-02	0.05251	1.79E-02	6.69E-05	3.89E-02	0.056816	1.70E-02	8.50E-05	7.47E-02	9.17E-02
2847	490069.73	3859355.34	1.16549	0.89865	1.18914	1.79E-02	6.54E-05	3.19E-02	0.049843	1.83E-02	6.44E-05	3.55E-02	0.053813	1.74E-02	8.17E-05	6.81E-02	8.56E-02
2848	490119.73	3859355.34	1.1556	0.90872	1.17486	1.77E-02	6.61E-05	3.15E-02	0.049309	1.81E-02	6.51E-05	3.50E-02	0.053233	1.72E-02	8.27E-05	6.73E-02	8.46E-02
2849	490169.73	3859355.34	1.14231	0.91757	1.17121	1.75E-02	6.68E-05	3.14E-02	0.049008	1.79E-02	6.57E-05	3.49E-02	0.052916	1.70E-02	8.35E-05	6.71E-02	8.42E-02
2850	490219.73	3859355.34	1.12725	0.92425	1.18301	1.73E-02	6.73E-05	3.17E-02	0.049094	1.77E-02	6.62E-05	3.53E-02	0.053032	1.68E-02	8.41E-05	6.78E-02	8.46E-02
2851	490269.73	3859355.34	1.11049	0.92588	1.20447	1.70E-02	6.74E-05	3.23E-02	0.049413	1.74E-02	6.63E-05	3.59E-02	0.05341	1.65E-02	8.42E-05	6.90E-02	8.56E-02
2852	490319.73	3859355.34	1.12055	0.92348	1.22238	1.72E-02	6.72E-05	3.28E-02	0.050047	1.76E-02	6.62E-05	3.65E-02	0.054102	1.67E-02	8.40E-05	7.00E-02	8.68E-02
2853	490069.73	3859405.34	1.15611	0.86238	1.1787	1.77E-02	6.28E-05	3.16E-02	0.049417	1.81E-02	6.18E-05	3.52E-02	0.053352	1.72E-02	7.84E-05	6.75E-02	8.48E-02
2854	490119.73	3859405.34	1.12143	0.86567	1.16323	1.72E-02	6.30E-05	3.12E-02	0.04847	1.76E-02	6.20E-05	3.47E-02	0.052347	1.67E-02	7.87E-05	6.66E-02	8.34E-02
2855	490169.73	3859405.34	1.12132	0.8704	1.14673	1.72E-02	6.34E-05	3.08E-02	0.048026	1.76E-02	6.24E-05	3.42E-02	0.051853	1.67E-02	7.92E-05	6.57E-02	8.25E-02
2856	490219.73	3859405.34	1.12217	0.88144	1.14224	1.72E-02	6.42E-05	3.06E-02	0.047919	1.76E-02	6.32E-05	3.41E-02	0.051733	1.67E-02	8.02E-05	6.54E-02	8.22E-02
2857	490269.73	3859405.34	1.11458	0.89139	1.14209	1.71E-02	6.49E-05	3.06E-02	0.0478	1.75E-02	6.39E-05	3.41E-02	0.051611	1.66E-02	8.11E-05	6.54E-02	8.21E-02
2858	490319.73	3859405.34	1.105	0.89741	1.14742	1.70E-02	6.53E-05	3.08E-02	0.047796	1.73E-02	6.43E-05	3.42E-02	0.05162	1.65E-02	8.16E-05	6.57E-02	8.23E-02
2859	490161.89	3859541.83	1.10329	0.8621	1.07481	1.69E-02	6.28E-05	2.88E-02	0.04582	1.73E-02	6.18E-05	3.21E-02	0.049424	1.64E-02	7.84E-05	6.16E-02	7.81E-02
2860	490171.89	3859541.83	1.10105	0.85161	1.07598	1.69E-02	6.20E-05	2.89E-02	0.045816	1.73E-02	6.10E-05	3.21E-02	0.049423	1.64E-02	7.75E-05	6.16E-02	7.81E-02
2861	490161.89	3859551.83	1.09818	0.86487	1.06511	1.69E-02	6.30E-05	2.86E-02	0.045481	1.72E-02	6.20E-05	3.18E-02	0.049055	1.64E-02	7.87E-05	6.10E-02	7.75E-02
2862	490171.89	3859551.83	1.09639	0.86032	1.06632	1.68E-02	6.26E-05	2.86E-02	0.045486	1.72E-02	6.16E-05	3.18E-02	0.049063	1.63E-02	7.83E-05	6.11E-02	7.75E-02
2863	489799.72	3859348.21	1.33999	0.99311	1.26351	2.06E-02	7.23E-05	3.39E-02	0.054523	2.10E-02	7.12E-05	3.77E-02	0.058774	2.00E-02	9.03E-05	7.24E-02	9.24E-02

2864	489819.72	3859348.21	1.32679	0.98441	1.26212	2.04E-02	7.17E-05	3.39E-02	0.054282	2.08E-02	7.05E-05	3.77E-02	0.058525	1.98E-02	8.95E-05	7.23E-02	9.22E-02
2865	489799.72	3859368.21	1.32988	0.99307	1.24122	2.04E-02	7.23E-05	3.33E-02	0.05377	2.09E-02	7.12E-05	3.70E-02	0.057951	1.98E-02	9.03E-05	7.11E-02	9.10E-02
2866	489819.72	3859368.21	1.32185	0.98653	1.24227	2.03E-02	7.18E-05	3.33E-02	0.053674	2.07E-02	7.07E-05	3.71E-02	0.057856	1.97E-02	8.97E-05	7.12E-02	9.09E-02
2867	489775.41	3859329.72	1.35499	1.00094	1.28216	2.08E-02	7.29E-05	3.44E-02	0.055254	2.12E-02	7.17E-05	3.82E-02	0.059567	2.02E-02	9.10E-05	7.34E-02	9.37E-02
2868	489795.41	3859329.72	1.34153	0.99201	1.28039	2.06E-02	7.22E-05	3.43E-02	0.054999	2.10E-02	7.11E-05	3.82E-02	0.059302	2.00E-02	9.02E-05	7.33E-02	9.34E-02
2869	489775.41	3859349.72	1.34998	1.00186	1.26152	2.07E-02	7.29E-05	3.38E-02	0.054623	2.12E-02	7.18E-05	3.76E-02	0.058872	2.01E-02	9.11E-05	7.23E-02	9.25E-02
2870	489795.41	3859349.72	1.34235	0.99495	1.26206	2.06E-02	7.24E-05	3.38E-02	0.05452	2.10E-02	7.13E-05	3.77E-02	0.058768	2.00E-02	9.05E-05	7.23E-02	9.24E-02
2871	489595.05	3859219.43	1.48556	1.06889	1.40879	2.28E-02	7.78E-05	3.78E-02	0.060658	2.33E-02	7.66E-05	4.20E-02	0.065396	2.21E-02	9.72E-05	8.07E-02	1.03E-01
2872	489615.05	3859219.43	1.46403	1.05989	1.40506	2.25E-02	7.72E-05	3.77E-02	0.060227	2.30E-02	7.59E-05	4.19E-02	0.064947	2.18E-02	9.64E-05	8.05E-02	1.02E-01
2873	489595.05	3859239.43	1.49074	1.06862	1.38896	2.29E-02	7.78E-05	3.73E-02	0.060206	2.34E-02	7.66E-05	4.14E-02	0.064886	2.22E-02	9.72E-05	7.96E-02	1.02E-01
2874	489615.05	3859239.43	1.47524	1.06181	1.38762	2.26E-02	7.73E-05	3.72E-02	0.059932	2.31E-02	7.61E-05	4.14E-02	0.064602	2.20E-02	9.66E-05	7.95E-02	1.02E-01
2875	489372.4	3859092.58	1.67803	1.16311	1.58137	2.57E-02	8.47E-05	4.24E-02	0.068247	2.63E-02	8.33E-05	4.72E-02	0.073569	2.50E-02	1.06E-04	9.06E-02	1.16E-01
2876	489422.4	3859092.58	1.60198	1.13778	1.55641	2.46E-02	8.28E-05	4.17E-02	0.066409	2.51E-02	8.15E-05	4.64E-02	0.07163	2.39E-02	1.03E-04	8.92E-02	1.13E-01
2877	489372.4	3859142.58	1.71396	1.15838	1.46001	2.63E-02	8.43E-05	3.92E-02	0.065544	2.69E-02	8.30E-05	4.36E-02	0.070512	2.55E-02	1.05E-04	8.36E-02	1.09E-01
2878	489422.4	3859142.58	1.64639	1.13803	1.5198	2.53E-02	8.28E-05	4.08E-02	0.066109	2.58E-02	8.15E-05	4.53E-02	0.071235	2.45E-02	1.04E-04	8.71E-02	1.12E-01
2879	488870.84	3858666.64	2.60793	1.53832	2.37576	4.00E-02	1.12E-04	6.37E-02	0.10385	4.09E-02	1.10E-04	7.09E-02	0.111875	3.89E-02	1.40E-04	1.36E-01	1.75E-01
2880	488900.84	3858666.64	2.56312	1.58432	2.3797	3.93E-02	1.15E-04	6.38E-02	0.103272	4.02E-02	1.14E-04	7.10E-02	0.111293	3.82E-02	1.44E-04	1.36E-01	1.75E-01
2881	488870.84	3858696.64	2.60931	1.44243	2.23602	4.00E-02	1.05E-04	6.00E-02	0.100116	4.09E-02	1.03E-04	6.67E-02	0.107721	3.89E-02	1.31E-04	1.28E-01	1.67E-01
2882	488900.84	3858696.64	2.55683	1.48114	2.25301	3.92E-02	1.08E-04	6.04E-02	0.09977	4.01E-02	1.06E-04	6.72E-02	0.107407	3.81E-02	1.35E-04	1.29E-01	1.67E-01
2883	488889.67	3858683.97	2.57759	1.4961	2.3068	3.96E-02	1.09E-04	6.19E-02	0.101532	4.04E-02	1.07E-04	6.88E-02	0.109339	3.84E-02	1.36E-04	1.32E-01	1.71E-01
2884	488919.67	3858683.97	2.52588	1.54114	2.31278	3.88E-02	1.12E-04	6.20E-02	0.100902	3.96E-02	1.10E-04	6.90E-02	0.10871	3.76E-02	1.40E-04	1.32E-01	1.70E-01
2885	488889.67	3858713.97	2.57994	1.427	2.16277	3.96E-02	1.04E-04	5.80E-02	0.0977	4.05E-02	1.02E-04	6.45E-02	0.105074	3.84E-02	1.30E-04	1.24E-01	1.62E-01
2886	488919.67	3858713.97	2.51765	1.43283	2.18342	3.86E-02	1.04E-04	5.86E-02	0.097298	3.95E-02	1.03E-04	6.51E-02	0.104714	3.75E-02	1.30E-04	1.25E-01	1.63E-01
2887	488906.61	3858703.33	2.54439	1.46035	2.2247	3.90E-02	1.06E-04	5.97E-02	0.098818	3.99E-02	1.05E-04	6.64E-02	0.106366	3.79E-02	1.33E-04	1.27E-01	1.65E-01
2888	488936.61	3858703.33	2.48695	1.48973	2.24013	3.82E-02	1.08E-04	6.01E-02	0.098352	3.90E-02	1.07E-04	6.68E-02	0.105928	3.70E-02	1.36E-04	1.28E-01	1.66E-01
2889	488906.61	3858733.33	2.5498	1.43884	2.08219	3.91E-02	1.05E-04	5.58E-02	0.095077	4.00E-02	1.03E-04	6.21E-02	0.102198	3.80E-02	1.31E-04	1.19E-01	1.57E-01
2890	488936.61	3858733.33	2.47868	1.3879	2.10583	3.80E-02	1.01E-04	5.65E-02	0.094616	3.89E-02	9.94E-05	6.28E-02	0.101785	3.69E-02	1.26E-04	1.21E-01	1.58E-01
2891	488637.63	3858467.85	2.81825	1.97082	3.02286	4.32E-02	1.43E-04	8.11E-02	0.124465	4.42E-02	1.41E-04	9.02E-02	0.134508	4.20E-02	1.79E-04	1.73E-01	2.15E-01
2892	488662.63	3858467.85	2.72646	1.94525	2.95374	4.18E-02	1.42E-04	7.92E-02	0.1212	4.27E-02	1.39E-04	8.81E-02	0.131005	4.06E-02	1.77E-04	1.69E-01	2.10E-01
2893	488637.63	3858492.85	2.88489	1.94261	3.11138	4.43E-02	1.41E-04	8.34E-02	0.127859	4.52E-02	1.39E-04	9.28E-02	0.138191	4.30E-02	1.77E-04	1.78E-01	2.21E-01
2894	488662.63	3858492.85	2.81093	1.92829	3.03301	4.31E-02	1.40E-04	8.13E-02	0.124621	4.41E-02	1.38E-04	9.05E-02	0.134693	4.19E-02	1.75E-04	1.74E-01	2.16E-01
2895	488687.63	3858492.85	2.71026	1.9112	2.96186	4.16E-02	1.39E-04	7.94E-02	0.121167	4.25E-02	1.37E-04	8.84E-02	0.130991	4.04E-02	1.74E-04	1.70E-01	2.10E-01
2896	488637.63	3858517.85	2.91009	1.83573	3.04767	4.47E-02	1.34E-04	8.17E-02	0.126529	4.56E-02	1.32E-04	9.09E-02	0.136678	4.34E-02	1.67E-04	1.75E-01	2.18E-01
2897	488662.63	3858517.85	2.82371	1.88132	3.01629	4.33E-02	1.37E-04	8.09E-02	0.124366	4.43E-02	1.35E-04	9.00E-02	0.134391	4.21E-02	1.71E-04	1.73E-01	2.15E-01
2898	488687.63	3858517.85	2.77953	1.88352	2.98324	4.27E-02	1.37E-04	8.00E-02	0.122801	4.36E-02	1.35E-04	8.90E-02	0.132713	4.14E-02	1.71E-04	1.71E-01	2.12E-01
2899	488194.42	3857168.98	2.5352	4.19396	2.90851	3.89E-02	3.05E-04	7.80E-02	0.117216	3.97E-02	3.01E-04	8.68E-02	0.126818	3.78E-02	3.81E-04	1.67E-01	2.05E-01
2900	488244.42	3857168.98	2.49312	4.00178	2.85918	3.83E-02	2.91E-04	7.67E-02	0.115233	3.91E-02	2.87E-04	8.53E-02	0.124673	3.71E-02	3.64E-04	1.64E-01	2.01E-01
2901	488294.42	3857168.98	2.45014	3.9646	2.80918	3.76E-02	2.89E-04	7.53E-02	0.11323	3.84E-02	2.84E-04	8.38E-02	0.122504	3.65E-02	3.61E-04	1.61E-01	1.98E-01
2902	488244.42	3857218.98	2.5474	4.40556	2.91714	3.91E-02	3.21E-04	7.82E-02	0.11765	3.99E-02	3.16E-04	8.70E-02	0.127282	3.79E-02	4.01E-04	1.67E-01	2.05E-01
2903	488294.42	3857218.98	2.50288	4.36794	2.865	3.84E-02	3.18E-04	7.68E-02	0.115566	3.92E-02	3.13E-04	8.55E-02	0.125026	3.73E-02	3.97E-04	1.64E-01	2.02E-01
2904	488294.42	3857268.98	2.55503	4.49264	2.92304	3.92E-02	3.27E-04	7.84E-02	0.117932	4.01E-02	3.22E-04	8.72E-02	0.127584	3.81E-02	4.09E-04	1.67E-01	2.06E-01
2905	488139.13	3857111.68	2.52292	4.04928	2.89568	3.87E-02	2.95E-04	7.77E-02	0.116673	3.96E-02	2.90E-04	8.64E-02	0.126232	3.76E-02	3.68E-04	1.66E-01	2.04E-01
2906	488189.13	3857111.68	2.48201	3.93857	2.84901	3.81E-02	2.87E-04	7.64E-02	0.114785	3.89E-02	2.82E-04	8.50E-02	0.124191	3.70E-02	3.58E-04	1.63E-01	2.01E-01
2907	488189.13	3857161.68	2.53173	4.18003	2.90535	3.88E-02	3.04E-04	7.79E-02	0.117077	3.97E-02	3.00E-04	8.67E-02	0.126668	3.77E-02	3.80E-04	1.66E-01	2.05E-01
2908	487951.04	3856961.26	2.54184	3.55981	2.82473	3.90E-02	2.59E-04	7.58E-02	0.115025	3.99E-02	2.55E-04	8.43E-02	0.124377	3.79E-02	3.24E-04	1.62E-01	2.00E-01
2909	488001.04	3856961.26	2.49746	3.40901	2.78787	3.83E-02	2.48E-04	7.48E-02	0.113344	3.92E-02	2.44E-04	8.32E-02	0.122571	3.72E-02	3.10E-04	1.60E-01	1.97E-01
2910	488051.04	3856961.26	2.44744	3.19401	2.74153	3.76E-02	2.32E-04	7.35E-02	0.111318	3.84E-02	2.29E-04	8.18E-02	0.120389	3.65E-02	2.91E-04	1.57E-01	1.94E-01

2911	488101.04	3856961.26	2.41369	3.11881	2.71873	3.70E-02	2.27E-04	7.29E-02	0.110183	3.78E-02	2.23E-04	8.11E-02	0.119174	3.60E-02	2.84E-04	1.56E-01	1.92E-01
2912	487951.04	3857011.26	2.59432	3.59906	2.9358	3.98E-02	2.62E-04	7.87E-02	0.118812	4.07E-02	2.58E-04	8.76E-02	0.128516	3.86E-02	3.27E-04	1.68E-01	2.07E-01
2913	488001.04	3857011.26	2.53476	3.61001	2.84856	3.89E-02	2.63E-04	7.64E-02	0.115559	3.97E-02	2.59E-04	8.50E-02	0.124981	3.78E-02	3.28E-04	1.63E-01	2.01E-01
2914	488051.04	3857011.26	2.48618	3.59044	2.80043	3.82E-02	2.61E-04	7.51E-02	0.113521	3.90E-02	2.57E-04	8.35E-02	0.122782	3.70E-02	3.27E-04	1.60E-01	1.98E-01
2915	488101.04	3857011.26	2.45174	3.59726	2.77494	3.76E-02	2.62E-04	7.44E-02	0.112309	3.84E-02	2.58E-04	8.28E-02	0.121482	3.65E-02	3.27E-04	1.59E-01	1.96E-01
2916	488001.04	3857061.26	2.61742	4.01436	2.9531	4.02E-02	2.92E-04	7.92E-02	0.119661	4.10E-02	2.88E-04	8.81E-02	0.129424	3.90E-02	3.65E-04	1.69E-01	2.09E-01
2917	488051.04	3857061.26	2.55577	4.00506	2.89828	3.92E-02	2.92E-04	7.77E-02	0.117244	4.01E-02	2.87E-04	8.65E-02	0.126822	3.81E-02	3.64E-04	1.66E-01	2.04E-01
2918	488101.04	3857061.26	2.50074	3.87023	2.83474	3.84E-02	2.82E-04	7.60E-02	0.114685	3.92E-02	2.77E-04	8.46E-02	0.124054	3.73E-02	3.52E-04	1.62E-01	2.00E-01
2919	487638.98	3856673.79	2.39514	2.1275	2.58296	3.68E-02	1.55E-04	6.93E-02	0.106185	3.76E-02	1.52E-04	7.71E-02	0.114762	3.57E-02	1.94E-04	1.48E-01	1.84E-01
2920	487688.98	3856673.79	2.3781	2.14385	2.56096	3.65E-02	1.56E-04	6.87E-02	0.105335	3.73E-02	1.54E-04	7.64E-02	0.11384	3.54E-02	1.95E-04	1.47E-01	1.82E-01
2921	487638.98	3856723.79	2.47139	2.12301	2.66785	3.79E-02	1.55E-04	7.16E-02	0.109631	3.87E-02	1.52E-04	7.96E-02	0.118489	3.68E-02	1.93E-04	1.53E-01	1.90E-01
2922	487688.98	3856723.79	2.44389	2.29341	2.63995	3.75E-02	1.67E-04	7.08E-02	0.108474	3.83E-02	1.64E-04	7.88E-02	0.117238	3.64E-02	2.09E-04	1.51E-01	1.88E-01
2923	486324.61	3855740.57	1.74077	2.39715	1.61455	2.67E-02	1.74E-04	4.33E-02	0.07019	2.73E-02	1.72E-04	4.82E-02	0.075631	2.59E-02	2.18E-04	9.25E-02	1.19E-01
2924	486374.61	3855740.57	1.61486	2.24645	1.47881	2.48E-02	1.64E-04	3.97E-02	0.064606	2.53E-02	1.61E-04	4.41E-02	0.069597	2.41E-02	2.04E-04	8.47E-02	1.09E-01
2925	486424.61	3855740.57	1.55524	2.15949	1.42463	2.39E-02	1.57E-04	3.82E-02	0.062232	2.44E-02	1.55E-04	4.25E-02	0.06704	2.32E-02	1.96E-04	8.16E-02	1.05E-01
2926	486324.61	3855790.57	1.79958	2.38408	1.68629	2.76E-02	1.74E-04	4.52E-02	0.073016	2.82E-02	1.71E-04	5.03E-02	0.078693	2.68E-02	2.17E-04	9.66E-02	1.24E-01
2927	486374.61	3855790.57	1.68745	2.26916	1.55848	2.59E-02	1.65E-04	4.18E-02	0.067859	2.65E-02	1.63E-04	4.65E-02	0.073113	2.51E-02	2.06E-04	8.93E-02	1.15E-01
2928	486424.61	3855790.57	1.65331	2.25928	1.53598	2.54E-02	1.64E-04	4.12E-02	0.066731	2.59E-02	1.62E-04	4.58E-02	0.071906	2.46E-02	2.06E-04	8.80E-02	1.13E-01
2929	486324.61	3855840.57	1.85181	2.19084	1.75229	2.84E-02	1.59E-04	4.70E-02	0.075573	2.90E-02	1.57E-04	5.23E-02	0.081467	2.76E-02	1.99E-04	1.00E-01	1.28E-01
2930	486374.61	3855840.57	1.80878	2.26404	1.70125	2.78E-02	1.65E-04	4.56E-02	0.073549	2.84E-02	1.62E-04	5.08E-02	0.079275	2.69E-02	2.06E-04	9.75E-02	1.25E-01
2931	486424.61	3855840.57	1.74723	2.29627	1.64387	2.68E-02	1.67E-04	4.41E-02	0.071068	2.74E-02	1.65E-04	4.90E-02	0.0766	2.60E-02	2.09E-04	9.42E-02	1.20E-01
2932	486324.61	3855890.57	1.96637	2.17929	1.9166	3.02E-02	1.59E-04	5.14E-02	0.081737	3.08E-02	1.56E-04	5.72E-02	0.088164	2.93E-02	1.98E-04	1.10E-01	1.39E-01
2933	486374.61	3855890.57	1.9119	2.12821	1.84067	2.93E-02	1.55E-04	4.94E-02	0.078861	3.00E-02	1.52E-04	5.49E-02	0.085041	2.85E-02	1.94E-04	1.05E-01	1.34E-01
2934	486424.61	3855890.57	1.84113	2.03991	1.75735	2.83E-02	1.48E-04	4.71E-02	0.075534	2.89E-02	1.46E-04	5.24E-02	0.081439	2.74E-02	1.86E-04	1.01E-01	1.28E-01
2935	488735.69	3858285.64	2.49396	2.24148	2.78636	3.83E-02	1.63E-04	7.47E-02	0.113165	3.91E-02	1.61E-04	8.31E-02	0.122387	3.72E-02	2.04E-04	1.60E-01	1.97E-01
2936	488765.69	3858285.64	2.44386	2.2262	2.72501	3.75E-02	1.62E-04	7.31E-02	0.11075	3.83E-02	1.60E-04	8.13E-02	0.11977	3.64E-02	2.02E-04	1.56E-01	1.93E-01
2937	488735.69	3858315.64	2.44834	2.33024	2.83515	3.76E-02	1.70E-04	7.60E-02	0.11378	3.84E-02	1.67E-04	8.46E-02	0.123134	3.65E-02	2.12E-04	1.62E-01	1.99E-01
2938	488765.69	3858315.64	2.40105	2.28018	2.74857	3.68E-02	1.66E-04	7.37E-02	0.110728	3.76E-02	1.63E-04	8.20E-02	0.119806	3.58E-02	2.07E-04	1.57E-01	1.93E-01
2939	478676.63	3849871.93	0.54357	0.72927	0.61468	8.34E-03	5.31E-05	1.65E-02	0.02488	8.52E-03	5.23E-05	1.83E-02	0.026912	8.10E-03	6.63E-05	3.52E-02	4.34E-02
2940	479326.63	3849871.93	0.4294	0.61677	0.45675	6.59E-03	4.49E-05	1.23E-02	0.018884	6.73E-03	4.42E-05	1.36E-02	0.020403	6.40E-03	5.61E-05	2.62E-02	3.26E-02
2941	479376.63	3849871.93	0.42335	0.58576	0.45361	6.50E-03	4.26E-05	1.22E-02	0.018705	6.64E-03	4.20E-05	1.35E-02	0.020212	6.31E-03	5.33E-05	2.60E-02	3.23E-02
2942	479426.63	3849871.93	0.43024	0.56099	0.45613	6.60E-03	4.08E-05	1.22E-02	0.018877	6.75E-03	4.02E-05	1.36E-02	0.020393	6.41E-03	5.10E-05	2.61E-02	3.26E-02
2943	478726.63	3849921.93	0.54965	0.74141	0.62286	8.43E-03	5.40E-05	1.67E-02	0.025194	8.62E-03	5.31E-05	1.86E-02	0.027253	8.19E-03	6.74E-05	3.57E-02	4.39E-02
2944	478776.63	3849921.93	0.54893	0.73379	0.62876	8.42E-03	5.34E-05	1.69E-02	0.02534	8.61E-03	5.26E-05	1.88E-02	0.027417	8.18E-03	6.67E-05	3.60E-02	4.43E-02
2945	478826.63	3849921.93	0.54238	0.71832	0.61455	8.32E-03	5.23E-05	1.65E-02	0.024858	8.50E-03	5.15E-05	1.83E-02	0.026889	8.08E-03	6.53E-05	3.52E-02	4.33E-02
2946	478976.63	3849921.93	0.5074	0.66432	0.62139	7.79E-03	4.84E-05	1.67E-02	0.0245	7.96E-03	4.76E-05	1.85E-02	0.026541	7.56E-03	6.04E-05	3.56E-02	4.32E-02
2947	479026.63	3849921.93	0.51094	0.69091	0.59734	7.84E-03	5.03E-05	1.60E-02	0.023912	8.01E-03	4.95E-05	1.78E-02	0.025881	7.61E-03	6.28E-05	3.42E-02	4.19E-02
2948	479076.63	3849921.93	0.49264	0.69527	0.56548	7.56E-03	5.06E-05	1.52E-02	0.022777	7.72E-03	4.98E-05	1.69E-02	0.024644	7.34E-03	6.32E-05	3.24E-02	3.98E-02
2949	479126.63	3849921.93	0.47385	0.64597	0.5516	7.27E-03	4.70E-05	1.48E-02	0.022113	7.43E-03	4.63E-05	1.65E-02	0.023931	7.06E-03	5.88E-05	3.16E-02	3.87E-02
2950	479176.63	3849921.93	0.49275	0.63409	0.55218	7.56E-03	4.62E-05	1.48E-02	0.022417	7.73E-03	4.54E-05	1.65E-02	0.024244	7.34E-03	5.77E-05	3.16E-02	3.90E-02
2951	479226.63	3849921.93	0.49199	0.63232	0.5318	7.55E-03	4.60E-05	1.43E-02	0.021859	7.71E-03	4.53E-05	1.59E-02	0.023624	7.33E-03	5.75E-05	3.05E-02	3.79E-02
2952	479276.63	3849921.93	0.45669	0.6261	0.49603	7.01E-03	4.56E-05	1.33E-02	0.020357	7.16E-03	4.49E-05	1.48E-02	0.022003	6.80E-03	5.70E-05	2.84E-02	3.53E-02
2953	479326.63	3849921.93	0.44638	0.68609	0.50402	6.85E-03	4.99E-05	1.35E-02	0.020418	7.00E-03	4.92E-05	1.50E-02	0.022084	6.65E-03	6.24E-05	2.89E-02	3.56E-02
2954	479376.63	3849921.93	0.44023	0.62393	0.46487	6.76E-03	4.54E-05	1.25E-02	0.019269	6.90E-03	4.47E-05	1.39E-02	0.020815	6.56E-03	5.68E-05	2.66E-02	3.32E-02
2955	479426.63	3849921.93	0.44921	0.62602	0.48667	6.89E-03	4.56E-05	1.31E-02	0.019992	7.04E-03	4.49E-05	1.45E-02	0.021607	6.69E-03	5.69E-05	2.79E-02	3.46E-02
2956	478726.63	3849971.93	0.55072	0.74247	0.61668	8.45E-03	5.40E-05	1.65E-02	0.025045	8.63E-03	5.32E-05	1.84E-02	0.027085	8.20E-03	6.75E-05	3.53E-02	4.36E-02
2957	478776.63	3849971.93	0.55538	0.75243	0.6303	8.52E-03	5.48E-05	1.69E-02	0.025482	8.71E-03	5.39E-05	1.88E-02	0.027565	8.27E-03	6.84E-05	3.61E-02	4.44E-02

2958	478826.63	3849971.93	0.55431	0.74465	0.63552	8.51E-03	5.42E-05	1.70E-02	0.025605	8.69E-03	5.34E-05	1.90E-02	0.027703	8.26E-03	6.77E-05	3.64E-02	4.47E-02
2959	478976.63	3849971.93	0.53346	0.72053	0.62606	8.19E-03	5.24E-05	1.68E-02	0.02503	8.36E-03	5.16E-05	1.87E-02	0.027093	7.95E-03	6.55E-05	3.59E-02	4.39E-02
2960	479026.63	3849971.93	0.51578	0.69371	0.63308	7.91E-03	5.05E-05	1.70E-02	0.024945	8.09E-03	4.97E-05	1.89E-02	0.027023	7.68E-03	6.31E-05	3.63E-02	4.40E-02
2961	479076.63	3849971.93	0.51567	0.70635	0.60384	7.91E-03	5.14E-05	1.62E-02	0.02416	8.09E-03	5.06E-05	1.80E-02	0.02615	7.68E-03	6.43E-05	3.46E-02	4.23E-02
2962	479126.63	3849971.93	0.49977	0.70469	0.57173	7.67E-03	5.13E-05	1.53E-02	0.023054	7.84E-03	5.05E-05	1.71E-02	0.024942	7.45E-03	6.41E-05	3.28E-02	4.03E-02
2963	479176.63	3849971.93	0.47974	0.65466	0.56043	7.36E-03	4.77E-05	1.50E-02	0.02244	7.52E-03	4.69E-05	1.67E-02	0.024288	7.15E-03	5.95E-05	3.21E-02	3.93E-02
2964	479226.63	3849971.93	0.48742	0.60341	0.52692	7.48E-03	4.39E-05	1.41E-02	0.021656	7.64E-03	4.32E-05	1.57E-02	0.023405	7.26E-03	5.49E-05	3.02E-02	3.75E-02
2965	479276.63	3849971.93	0.49976	0.65549	0.54169	7.67E-03	4.77E-05	1.45E-02	0.022245	7.84E-03	4.70E-05	1.62E-02	0.024043	7.44E-03	5.96E-05	3.10E-02	3.85E-02
2966	479326.63	3849971.93	0.47951	0.70596	0.54189	7.36E-03	5.14E-05	1.45E-02	0.021943	7.52E-03	5.06E-05	1.62E-02	0.023735	7.14E-03	6.42E-05	3.10E-02	3.82E-02
2967	479376.63	3849971.93	0.44817	0.68541	0.50424	6.88E-03	4.99E-05	1.35E-02	0.020451	7.03E-03	4.91E-05	1.50E-02	0.022119	6.68E-03	6.23E-05	2.89E-02	3.56E-02
2968	479426.63	3849971.93	0.46366	0.65884	0.49651	7.11E-03	4.80E-05	1.33E-02	0.02048	7.27E-03	4.72E-05	1.48E-02	0.022129	6.91E-03	5.99E-05	2.84E-02	3.54E-02
2969	478726.63	3850021.93	0.54611	0.73206	0.63254	8.38E-03	5.33E-05	1.70E-02	0.025398	8.56E-03	5.25E-05	1.89E-02	0.027485	8.14E-03	6.66E-05	3.62E-02	4.44E-02
2970	478776.63	3850021.93	0.55633	0.75277	0.62361	8.54E-03	5.48E-05	1.67E-02	0.025317	8.72E-03	5.39E-05	1.86E-02	0.02738	8.29E-03	6.85E-05	3.57E-02	4.41E-02
2971	478826.63	3850021.93	0.56105	0.76337	0.63765	8.61E-03	5.56E-05	1.71E-02	0.025767	8.80E-03	5.47E-05	1.90E-02	0.027874	8.36E-03	6.94E-05	3.65E-02	4.50E-02
2972	478976.63	3850021.93	0.55097	0.7604	0.63444	8.45E-03	5.54E-05	1.70E-02	0.025526	8.64E-03	5.45E-05	1.89E-02	0.02762	8.21E-03	6.92E-05	3.63E-02	4.46E-02
2973	478726.63	3850071.93	0.54124	0.75238	0.62485	8.31E-03	5.48E-05	1.68E-02	0.025119	8.49E-03	5.39E-05	1.86E-02	0.027181	8.06E-03	6.84E-05	3.58E-02	4.39E-02
2974	478776.63	3850071.93	0.55191	0.74293	0.64172	8.47E-03	5.41E-05	1.72E-02	0.025734	8.65E-03	5.32E-05	1.91E-02	0.027851	8.22E-03	6.76E-05	3.68E-02	4.51E-02
2975	478826.63	3850071.93	0.5622	0.76472	0.6315	8.63E-03	5.57E-05	1.69E-02	0.02562	8.81E-03	5.48E-05	1.88E-02	0.027709	8.38E-03	6.96E-05	3.62E-02	4.46E-02
2976	478876.63	3850071.93	0.56691	0.77597	0.64592	8.70E-03	5.65E-05	1.73E-02	0.02608	8.89E-03	5.56E-05	1.93E-02	0.028214	8.45E-03	7.06E-05	3.70E-02	4.55E-02
2977	478976.63	3850071.93	0.55986	0.75709	0.64228	8.59E-03	5.51E-05	1.72E-02	0.025873	8.78E-03	5.42E-05	1.92E-02	0.027993	8.34E-03	6.89E-05	3.68E-02	4.52E-02
2978	478726.63	3850121.93	0.52811	0.71943	0.61119	8.10E-03	5.24E-05	1.64E-02	0.024549	8.28E-03	5.15E-05	1.82E-02	0.026565	7.87E-03	6.54E-05	3.50E-02	4.29E-02
2979	478776.63	3850121.93	0.54534	0.76307	0.63201	8.37E-03	5.55E-05	1.70E-02	0.025375	8.55E-03	5.47E-05	1.89E-02	0.027459	8.12E-03	6.94E-05	3.62E-02	4.44E-02
2980	478826.63	3850121.93	0.55767	0.75403	0.65097	8.56E-03	5.49E-05	1.75E-02	0.026072	8.74E-03	5.40E-05	1.94E-02	0.028218	8.31E-03	6.86E-05	3.73E-02	4.57E-02
2981	478876.63	3850121.93	0.56787	0.77618	0.63903	8.71E-03	5.65E-05	1.71E-02	0.02591	8.90E-03	5.56E-05	1.91E-02	0.028023	8.46E-03	7.06E-05	3.66E-02	4.51E-02
2982	478976.63	3850121.93	0.57158	0.78565	0.66115	8.77E-03	5.72E-05	1.77E-02	0.026561	8.96E-03	5.63E-05	1.97E-02	0.028742	8.51E-03	7.15E-05	3.79E-02	4.65E-02
2983	479026.63	3850121.93	0.56507	0.76962	0.65108	8.67E-03	5.60E-05	1.75E-02	0.026189	8.86E-03	5.51E-05	1.94E-02	0.028338	8.42E-03	7.00E-05	3.73E-02	4.58E-02
2984	479076.63	3850121.93	0.56107	0.785	0.65011	8.61E-03	5.71E-05	1.74E-02	0.026103	8.80E-03	5.62E-05	1.94E-02	0.028248	8.36E-03	7.14E-05	3.72E-02	4.57E-02
2985	479126.63	3850121.93	0.54901	0.75442	0.65139	8.42E-03	5.49E-05	1.75E-02	0.02595	8.61E-03	5.41E-05	1.94E-02	0.028095	8.18E-03	6.86E-05	3.73E-02	4.56E-02
2986	478776.63	3850171.93	0.53352	0.73143	0.61689	8.19E-03	5.32E-05	1.65E-02	0.024785	8.37E-03	5.24E-05	1.84E-02	0.026821	7.95E-03	6.65E-05	3.53E-02	4.34E-02
2987	478826.63	3850171.93	0.54949	0.77288	0.63864	8.43E-03	5.63E-05	1.71E-02	0.025617	8.62E-03	5.54E-05	1.91E-02	0.027723	8.19E-03	7.03E-05	3.66E-02	4.48E-02
2988	478876.63	3850171.93	0.56319	0.76443	0.65979	8.64E-03	5.56E-05	1.77E-02	0.026394	8.83E-03	5.48E-05	1.97E-02	0.028568	8.39E-03	6.95E-05	3.78E-02	4.63E-02
2989	478976.63	3850171.93	0.57764	0.80186	0.66246	8.86E-03	5.84E-05	1.78E-02	0.02669	9.06E-03	5.75E-05	1.98E-02	0.028877	8.61E-03	7.29E-05	3.79E-02	4.66E-02
2990	479026.63	3850171.93	0.5762	0.79937	0.66948	8.84E-03	5.82E-05	1.80E-02	0.026856	9.03E-03	5.73E-05	2.00E-02	0.029064	8.58E-03	7.27E-05	3.84E-02	4.70E-02
2991	479076.63	3850171.93	0.56993	0.78143	0.65942	8.75E-03	5.69E-05	1.77E-02	0.026489	8.94E-03	5.60E-05	1.97E-02	0.028664	8.49E-03	7.11E-05	3.78E-02	4.63E-02
2992	479126.63	3850171.93	0.56545	0.79736	0.65824	8.68E-03	5.80E-05	1.77E-02	0.026389	8.87E-03	5.71E-05	1.96E-02	0.02856	8.42E-03	7.25E-05	3.77E-02	4.62E-02
2993	479176.63	3850171.93	0.55346	0.76782	0.65984	8.49E-03	5.59E-05	1.77E-02	0.026246	8.68E-03	5.50E-05	1.97E-02	0.028417	8.24E-03	6.98E-05	3.78E-02	4.61E-02
2994	479226.63	3850171.93	0.53634	0.75145	0.66517	8.23E-03	5.47E-05	1.78E-02	0.026125	8.41E-03	5.38E-05	1.98E-02	0.028307	7.99E-03	6.84E-05	3.81E-02	4.62E-02
2995	479276.63	3850171.93	0.52177	0.78432	0.63838	8.01E-03	5.71E-05	1.71E-02	0.025185	8.18E-03	5.62E-05	1.90E-02	0.027281	7.77E-03	7.13E-05	3.66E-02	4.44E-02
2996	479326.63	3850171.93	0.52232	0.76545	0.61375	8.02E-03	5.57E-05	1.65E-02	0.024532	8.19E-03	5.48E-05	1.83E-02	0.026554	7.78E-03	6.96E-05	3.52E-02	4.30E-02
2997	479376.63	3850171.93	0.50556	0.71243	0.61162	7.76E-03	5.19E-05	1.64E-02	0.024214	7.93E-03	5.10E-05	1.82E-02	0.026224	7.53E-03	6.48E-05	3.50E-02	4.26E-02
2998	478676.63	3850221.93	0.50207	0.70873	0.59682	7.70E-03	5.16E-05	1.60E-02	0.023763	7.87E-03	5.08E-05	1.78E-02	0.025727	7.48E-03	6.45E-05	3.42E-02	4.17E-02
2999	478726.63	3850221.93	0.52466	0.69193	0.57997	8.05E-03	5.04E-05	1.56E-02	0.023656	8.23E-03	4.96E-05	1.73E-02	0.025578	7.82E-03	6.29E-05	3.32E-02	4.11E-02
3000	478976.63	3850221.93	0.5779	0.80189	0.65537	8.87E-03	5.84E-05	1.76E-02	0.026504	9.06E-03	5.75E-05	1.96E-02	0.02867	8.61E-03	7.29E-05	3.75E-02	4.62E-02
3001	479026.63	3850221.93	0.58156	0.81502	0.67057	8.92E-03	5.93E-05	1.80E-02	0.026968	9.12E-03	5.84E-05	2.00E-02	0.029181	8.66E-03	7.41E-05	3.84E-02	4.72E-02
3002	479076.63	3850221.93	0.58027	0.81147	0.67675	8.90E-03	5.91E-05	1.82E-02	0.027114	9.10E-03	5.81E-05	2.02E-02	0.029345	8.64E-03	7.38E-05	3.88E-02	4.75E-02
3003	479126.63	3850221.93	0.57339	0.79378	0.66785	8.80E-03	5.78E-05	1.79E-02	0.026769	8.99E-03	5.69E-05	1.99E-02	0.028971	8.54E-03	7.22E-05	3.83E-02	4.69E-02
3004	479176.63	3850221.93	0.56712	0.80935	0.66711	8.70E-03	5.89E-05	1.79E-02	0.026654	8.89E-03	5.80E-05	1.99E-02	0.028851	8.45E-03	7.36E-05	3.82E-02	4.67E-02

3005	479226.63	3850221.93	0.55415	0.78265	0.66703	8.50E-03	5.70E-05	1.79E-02	0.026451	8.69E-03	5.61E-05	1.99E-02	0.028644	8.26E-03	7.12E-05	3.82E-02	4.65E-02
3006	479276.63	3850221.93	0.53739	0.76404	0.67159	8.25E-03	5.56E-05	1.80E-02	0.026314	8.43E-03	5.47E-05	2.00E-02	0.028516	8.01E-03	6.95E-05	3.85E-02	4.65E-02
3007	479326.63	3850221.93	0.5271	0.79768	0.64309	8.09E-03	5.81E-05	1.72E-02	0.025394	8.26E-03	5.72E-05	1.92E-02	0.027506	7.85E-03	7.26E-05	3.68E-02	4.48E-02
3008	479376.63	3850221.93	0.5256	0.77235	0.62281	8.07E-03	5.62E-05	1.67E-02	0.024826	8.24E-03	5.53E-05	1.86E-02	0.026876	7.83E-03	7.03E-05	3.57E-02	4.36E-02
3009	478676.63	3850271.93	0.49031	0.72197	0.61095	7.52E-03	5.26E-05	1.64E-02	0.023962	7.69E-03	5.17E-05	1.82E-02	0.025965	7.30E-03	6.57E-05	3.50E-02	4.24E-02
3010	478726.63	3850271.93	0.50572	0.72354	0.60771	7.76E-03	5.27E-05	1.63E-02	0.024112	7.93E-03	5.18E-05	1.81E-02	0.02611	7.53E-03	6.58E-05	3.48E-02	4.24E-02
3011	478976.63	3850271.93	0.56958	0.7878	0.67853	8.74E-03	5.73E-05	1.82E-02	0.026996	8.93E-03	5.64E-05	2.02E-02	0.029229	8.49E-03	7.17E-05	3.89E-02	4.74E-02
3012	479026.63	3850271.93	0.5817	0.81385	0.66283	8.93E-03	5.92E-05	1.78E-02	0.026763	9.12E-03	5.83E-05	1.98E-02	0.028953	8.67E-03	7.40E-05	3.80E-02	4.67E-02
3013	479076.63	3850271.93	0.58512	0.82643	0.67764	8.98E-03	6.02E-05	1.82E-02	0.027214	9.17E-03	5.92E-05	2.02E-02	0.029449	8.72E-03	7.52E-05	3.88E-02	4.76E-02
3014	479126.63	3850271.93	0.58278	0.82382	0.68417	8.94E-03	6.00E-05	1.83E-02	0.027353	9.14E-03	5.90E-05	2.04E-02	0.029607	8.68E-03	7.49E-05	3.92E-02	4.79E-02
3015	479176.63	3850271.93	0.57488	0.8073	0.67625	8.82E-03	5.88E-05	1.81E-02	0.027018	9.01E-03	5.78E-05	2.02E-02	0.029246	8.56E-03	7.34E-05	3.87E-02	4.74E-02
3016	479226.63	3850271.93	0.56657	0.81984	0.67453	8.69E-03	5.97E-05	1.81E-02	0.026845	8.88E-03	5.87E-05	2.01E-02	0.029065	8.44E-03	7.46E-05	3.86E-02	4.72E-02
3017	479276.63	3850271.93	0.55503	0.7928	0.67392	8.52E-03	5.77E-05	1.81E-02	0.02665	8.70E-03	5.68E-05	2.01E-02	0.028864	8.27E-03	7.21E-05	3.86E-02	4.69E-02
3018	479326.63	3850271.93	0.54174	0.7705	0.67689	8.31E-03	5.61E-05	1.82E-02	0.026524	8.49E-03	5.52E-05	2.02E-02	0.028742	8.07E-03	7.01E-05	3.88E-02	4.69E-02
3019	479376.63	3850271.93	0.53236	0.80971	0.64878	8.17E-03	5.89E-05	1.74E-02	0.025629	8.35E-03	5.80E-05	1.94E-02	0.02776	7.93E-03	7.37E-05	3.72E-02	4.52E-02
3020	479053.24	3850293.52	0.58256	0.82094	0.66782	8.94E-03	5.98E-05	1.79E-02	0.02691	9.13E-03	5.88E-05	1.99E-02	0.029115	8.68E-03	7.47E-05	3.83E-02	4.70E-02
3021	479103.24	3850293.52	0.58576	0.83221	0.68171	8.99E-03	6.06E-05	1.83E-02	0.027333	9.18E-03	5.96E-05	2.03E-02	0.029581	8.73E-03	7.57E-05	3.91E-02	4.79E-02
3022	479153.24	3850293.52	0.58206	0.82781	0.68737	8.93E-03	6.03E-05	1.84E-02	0.027428	9.13E-03	5.93E-05	2.05E-02	0.029691	8.67E-03	7.53E-05	3.94E-02	4.81E-02
3023	479203.24	3850293.52	0.5743	0.81017	0.68156	8.81E-03	5.90E-05	1.83E-02	0.027151	9.00E-03	5.81E-05	2.03E-02	0.029395	8.56E-03	7.37E-05	3.90E-02	4.77E-02
3024	479253.24	3850293.52	0.56658	0.82844	0.67602	8.69E-03	6.03E-05	1.81E-02	0.026886	8.88E-03	5.94E-05	2.02E-02	0.02911	8.44E-03	7.54E-05	3.87E-02	4.72E-02
3025	479303.24	3850293.52	0.55607	0.79121	0.68018	8.53E-03	5.76E-05	1.82E-02	0.026833	8.72E-03	5.67E-05	2.03E-02	0.029067	8.28E-03	7.20E-05	3.90E-02	4.73E-02
3026	479353.24	3850293.52	0.54292	0.76913	0.67644	8.33E-03	5.60E-05	1.81E-02	0.02653	8.51E-03	5.51E-05	2.02E-02	0.028747	8.09E-03	7.00E-05	3.87E-02	4.69E-02
3027	479153.24	3850343.52	0.58884	0.84298	0.68813	9.04E-03	6.14E-05	1.85E-02	0.027553	9.23E-03	6.04E-05	2.05E-02	0.029821	8.77E-03	7.67E-05	3.94E-02	4.83E-02
3028	479203.24	3850343.52	0.58305	0.83905	0.69374	8.95E-03	6.11E-05	1.86E-02	0.027615	9.14E-03	6.01E-05	2.07E-02	0.029898	8.69E-03	7.63E-05	3.97E-02	4.85E-02
3029	479253.24	3850343.52	0.57728	0.82006	0.68846	8.86E-03	5.97E-05	1.85E-02	0.027383	9.05E-03	5.88E-05	2.05E-02	0.029648	8.60E-03	7.46E-05	3.94E-02	4.81E-02
3030	479303.24	3850343.52	0.5711	0.84041	0.68208	8.76E-03	6.12E-05	1.83E-02	0.027119	8.95E-03	6.02E-05	2.03E-02	0.029363	8.51E-03	7.64E-05	3.91E-02	4.77E-02
3031	479353.24	3850343.52	0.5614	0.79797	0.68866	8.61E-03	5.81E-05	1.85E-02	0.027143	8.80E-03	5.72E-05	2.05E-02	0.029404	8.36E-03	7.26E-05	3.94E-02	4.79E-02
3032	479203.24	3850393.52	0.5886	0.85295	0.69409	9.03E-03	6.21E-05	1.86E-02	0.02771	9.23E-03	6.11E-05	2.07E-02	0.029996	8.77E-03	7.76E-05	3.98E-02	4.86E-02
3033	479253.24	3850393.52	0.5871	0.84862	0.69994	9.01E-03	6.18E-05	1.88E-02	0.027844	9.21E-03	6.08E-05	2.09E-02	0.030147	8.75E-03	7.72E-05	4.01E-02	4.89E-02
3034	479303.24	3850393.52	0.58175	0.82905	0.6955	8.93E-03	6.03E-05	1.87E-02	0.027641	9.12E-03	5.94E-05	2.07E-02	0.029929	8.67E-03	7.54E-05	3.98E-02	4.86E-02
3035	479353.24	3850393.52	0.57583	0.84997	0.68829	8.84E-03	6.19E-05	1.85E-02	0.027358	9.03E-03	6.09E-05	2.05E-02	0.029623	8.58E-03	7.73E-05	3.94E-02	4.81E-02
3036	479403.24	3850393.52	0.56587	0.80555	0.69697	8.68E-03	5.86E-05	1.87E-02	0.027435	8.87E-03	5.77E-05	2.08E-02	0.029722	8.43E-03	7.33E-05	3.99E-02	4.84E-02
3037	479453.24	3850393.52	0.55327	0.79691	0.68703	8.49E-03	5.80E-05	1.84E-02	0.026975	8.67E-03	5.71E-05	2.05E-02	0.029228	8.24E-03	7.25E-05	3.94E-02	4.77E-02
3038	479503.24	3850393.52	0.54607	0.82732	0.66171	8.38E-03	6.02E-05	1.77E-02	0.026187	8.56E-03	5.93E-05	1.97E-02	0.028362	8.13E-03	7.53E-05	3.79E-02	4.61E-02
3039	479303.24	3850443.52	0.59305	0.85797	0.70661	9.10E-03	6.25E-05	1.90E-02	0.028115	9.30E-03	6.15E-05	2.11E-02	0.03044	8.83E-03	7.80E-05	4.05E-02	4.94E-02
3040	479353.24	3850443.52	0.58827	0.83707	0.70297	9.03E-03	6.09E-05	1.89E-02	0.027942	9.22E-03	6.00E-05	2.10E-02	0.030255	8.76E-03	7.61E-05	4.03E-02	4.91E-02
3041	479403.24	3850443.52	0.58325	0.85725	0.6942	8.95E-03	6.24E-05	1.86E-02	0.027631	9.14E-03	6.14E-05	2.07E-02	0.029916	8.69E-03	7.80E-05	3.98E-02	4.85E-02
3042	479453.24	3850443.52	0.57423	0.81047	0.70667	8.81E-03	5.90E-05	1.90E-02	0.027824	9.00E-03	5.81E-05	2.11E-02	0.030143	8.55E-03	7.37E-05	4.05E-02	4.91E-02
3043	479503.24	3850443.52	0.56025	0.80885	0.6913	8.60E-03	5.89E-05	1.85E-02	0.027197	8.78E-03	5.80E-05	2.06E-02	0.029465	8.35E-03	7.36E-05	3.96E-02	4.80E-02
3044	480327.18	3850987.04	0.57509	0.93828	0.69904	8.82E-03	6.83E-05	1.87E-02	0.027642	9.02E-03	6.72E-05	2.09E-02	0.029938	8.57E-03	8.53E-05	4.00E-02	4.87E-02
3045	480377.18	3850987.04	0.56843	0.93926	0.70364	8.72E-03	6.84E-05	1.89E-02	0.027663	8.91E-03	6.73E-05	2.10E-02	0.029971	8.47E-03	8.54E-05	4.03E-02	4.89E-02
3046	480427.18	3850987.04	0.56803	0.88665	0.70087	8.72E-03	6.45E-05	1.88E-02	0.027579	8.91E-03	6.35E-05	2.09E-02	0.029878	8.46E-03	8.07E-05	4.01E-02	4.87E-02
3047	480477.18	3850987.04	0.56541	0.83355	0.69171	8.68E-03	6.07E-05	1.86E-02	0.027289	8.87E-03	5.97E-05	2.06E-02	0.02956	8.42E-03	7.58E-05	3.96E-02	4.81E-02
3048	480327.18	3851037.04	0.56596	0.95474	0.69718	8.68E-03	6.95E-05	1.87E-02	0.027453	8.87E-03	6.84E-05	2.08E-02	0.029741	8.43E-03	8.68E-05	3.99E-02	4.85E-02
3049	480377.18	3851037.04	0.5817	0.95644	0.70703	8.93E-03	6.96E-05	1.90E-02	0.027959	9.12E-03	6.85E-05	2.11E-02	0.030281	8.67E-03	8.70E-05	4.05E-02	4.93E-02
3050	480427.18	3851037.04	0.57306	0.94344	0.71038	8.79E-03	6.87E-05	1.91E-02	0.027915	8.99E-03	6.76E-05	2.12E-02	0.030245	8.54E-03	8.58E-05	4.07E-02	4.93E-02
3051	480477.18	3851037.04	0.56992	0.89129	0.70662	8.75E-03	6.49E-05	1.90E-02	0.027762	8.94E-03	6.39E-05	2.11E-02	0.03008	8.49E-03	8.11E-05	4.05E-02	4.90E-02

3052	480622.06	3851087.39	0.5539	0.8055	0.68922	8.50E-03	5.86E-05	1.85E-02	0.027044	8.68E-03	5.77E-05	2.06E-02	0.029303	8.25E-03	7.33E-05	3.95E-02	4.78E-02
3053	480672.06	3851087.39	0.57654	0.85306	0.67213	8.85E-03	6.21E-05	1.80E-02	0.026936	9.04E-03	6.11E-05	2.01E-02	0.029152	8.59E-03	7.76E-05	3.85E-02	4.72E-02
3054	480622.06	3851137.39	0.56315	0.84826	0.71301	8.64E-03	6.17E-05	1.91E-02	0.027827	8.83E-03	6.08E-05	2.13E-02	0.030161	8.39E-03	7.72E-05	4.08E-02	4.93E-02
3055	480672.06	3851137.39	0.55941	0.84267	0.6938	8.58E-03	6.13E-05	1.86E-02	0.027254	8.77E-03	6.04E-05	2.07E-02	0.029529	8.33E-03	7.67E-05	3.97E-02	4.82E-02
3056	480722.06	3851137.39	0.59166	0.8528	0.676	9.08E-03	6.21E-05	1.81E-02	0.027272	9.28E-03	6.11E-05	2.02E-02	0.029504	8.81E-03	7.76E-05	3.87E-02	4.76E-02
3057	480622.06	3851187.39	0.57003	0.90915	0.7462	8.75E-03	6.62E-05	2.00E-02	0.028827	8.94E-03	6.51E-05	2.23E-02	0.031264	8.49E-03	8.27E-05	4.27E-02	5.13E-02
3058	480672.06	3851187.39	0.56112	0.86825	0.71409	8.61E-03	6.32E-05	1.92E-02	0.027826	8.80E-03	6.22E-05	2.13E-02	0.030163	8.36E-03	7.90E-05	4.09E-02	4.93E-02
3059	480722.06	3851187.39	0.57483	0.85489	0.69786	8.82E-03	6.22E-05	1.87E-02	0.0276	9.01E-03	6.13E-05	2.08E-02	0.029893	8.56E-03	7.78E-05	4.00E-02	4.86E-02
3060	471363.09	3845877.25	0.08301	0.10315	0.08903	1.27E-03	7.51E-06	2.39E-03	0.003669	1.30E-03	7.39E-06	2.66E-03	0.003965	1.24E-03	9.38E-06	5.10E-03	6.35E-03
3061	471863.09	3845877.25	0.09219	0.1003	0.10186	1.41E-03	7.30E-06	2.73E-03	0.004154	1.45E-03	7.19E-06	3.04E-03	0.004491	1.37E-03	9.12E-06	5.84E-03	7.22E-03
3062	472363.09	3845877.25	0.11015	0.12265	0.12058	1.69E-03	8.93E-06	3.23E-03	0.004933	1.73E-03	8.79E-06	3.60E-03	0.005333	1.64E-03	1.12E-05	6.91E-03	8.56E-03
3063	472863.09	3845877.25	0.08799	0.09004	0.09332	1.35E-03	6.55E-06	2.50E-03	0.00386	1.38E-03	6.45E-06	2.78E-03	0.00417	1.31E-03	8.19E-06	5.35E-03	6.66E-03
3064	473363.09	3845877.25	0.09499	0.11325	0.10572	1.46E-03	8.24E-06	2.84E-03	0.004301	1.49E-03	8.11E-06	3.15E-03	0.004651	1.42E-03	1.03E-05	6.06E-03	7.48E-03
3065	473863.09	3845877.25	0.09392	0.11	0.10244	1.44E-03	8.01E-06	2.75E-03	0.004197	1.47E-03	7.88E-06	3.06E-03	0.004536	1.40E-03	1.00E-05	5.87E-03	7.28E-03
3066	474363.09	3845877.25	0.11434	0.12327	0.12255	1.75E-03	8.97E-06	3.29E-03	0.00505	1.79E-03	8.83E-06	3.66E-03	0.005458	1.70E-03	1.12E-05	7.02E-03	8.73E-03
3067	474863.09	3845877.25	0.16047	0.1741	0.17309	2.46E-03	1.27E-05	4.64E-03	0.007117	2.52E-03	1.25E-05	5.16E-03	0.007692	2.39E-03	1.58E-05	9.92E-03	1.23E-02
3068	475363.09	3845877.25	0.1571	0.17516	0.17009	2.41E-03	1.28E-05	4.56E-03	0.006985	2.46E-03	1.26E-05	5.07E-03	0.00755	2.34E-03	1.59E-05	9.74E-03	1.21E-02
3069	475863.09	3845877.25	0.15645	0.19649	0.16655	2.40E-03	1.43E-05	4.47E-03	0.006882	2.45E-03	1.41E-05	4.97E-03	0.007436	2.33E-03	1.79E-05	9.54E-03	1.19E-02
3070	476363.09	3845877.25	0.14227	0.13956	0.14931	2.18E-03	1.02E-05	4.00E-03	0.006198	2.23E-03	1.00E-05	4.45E-03	0.006695	2.12E-03	1.27E-05	8.55E-03	1.07E-02
3071	476863.09	3845877.25	0.10287	0.14207	0.11554	1.58E-03	1.03E-05	3.10E-03	0.004688	1.61E-03	1.02E-05	3.45E-03	0.00507	1.53E-03	1.29E-05	6.62E-03	8.16E-03
3072	477363.09	3845877.25	0.10582	0.1245	0.11209	1.62E-03	9.06E-06	3.01E-03	0.004639	1.66E-03	8.92E-06	3.34E-03	0.005012	1.58E-03	1.13E-05	6.42E-03	8.01E-03
3073	477863.09	3845877.25	0.08379	0.08296	0.08789	1.29E-03	6.04E-06	2.36E-03	0.003649	1.31E-03	5.94E-06	2.62E-03	0.003942	1.25E-03	7.55E-06	5.03E-03	6.29E-03
3074	478363.09	3845877.25	0.08494	0.085	0.08847	1.30E-03	6.19E-06	2.37E-03	0.003682	1.33E-03	6.09E-06	2.64E-03	0.003977	1.27E-03	7.73E-06	5.07E-03	6.34E-03
3075	478863.09	3845877.25	0.06575	0.09284	0.07269	1.01E-03	6.76E-06	1.95E-03	0.002965	1.03E-03	6.65E-06	2.17E-03	0.003206	9.79E-04	8.44E-06	4.16E-03	5.15E-03
3076	479363.09	3845877.25	0.06194	0.08937	0.06046	9.50E-04	6.51E-06	1.62E-03	0.002579	9.71E-04	6.40E-06	1.80E-03	0.002781	9.23E-04	8.13E-06	3.46E-03	4.39E-03
3077	479863.09	3845877.25	0.05934	0.06776	0.05964	9.11E-04	4.93E-06	1.60E-03	0.002515	9.30E-04	4.86E-06	1.78E-03	0.002714	8.84E-04	6.16E-06	3.42E-03	4.31E-03
3078	480363.09	3845877.25	0.04595	0.07693	0.05124	7.05E-04	5.60E-06	1.37E-03	0.002085	7.20E-04	5.51E-06	1.53E-03	0.002255	6.85E-04	7.00E-06	2.94E-03	3.63E-03
3079	480863.09	3845877.25	0.04363	0.06631	0.04655	6.70E-04	4.83E-06	1.25E-03	0.001923	6.84E-04	4.75E-06	1.39E-03	0.002078	6.50E-04	6.03E-06	2.67E-03	3.32E-03
3080	481363.09	3845877.25	0.04331	0.045	0.04383	6.65E-04	3.28E-06	1.18E-03	0.001843	6.79E-04	3.22E-06	1.31E-03	0.00199	6.45E-04	4.09E-06	2.51E-03	3.16E-03
3081	481863.09	3845877.25	0.04294	0.04848	0.04557	6.59E-04	3.53E-06	1.22E-03	0.001885	6.73E-04	3.47E-06	1.36E-03	0.002036	6.40E-04	4.41E-06	2.61E-03	3.25E-03
3082	482363.09	3845877.25	0.03393	0.0421	0.03932	5.21E-04	3.06E-06	1.05E-03	0.001578	5.32E-04	3.02E-06	1.17E-03	0.001708	5.05E-04	3.83E-06	2.25E-03	2.76E-03
3083	482863.09	3845877.25	0.02683	0.03647	0.02767	4.12E-04	2.65E-06	7.42E-04	0.001156	4.21E-04	2.61E-06	8.25E-04	0.001249	4.00E-04	3.32E-06	1.59E-03	1.99E-03
3084	483363.09	3845877.25	0.02349	0.03269	0.02637	3.60E-04	2.38E-06	7.07E-04	0.00107	3.68E-04	2.34E-06	7.87E-04	0.001157	3.50E-04	2.97E-06	1.51E-03	1.86E-03
3085	483863.09	3845877.25	0.02466	0.04309	0.02723	3.78E-04	3.14E-06	7.30E-04	0.001112	3.87E-04	3.09E-06	8.12E-04	0.001202	3.67E-04	3.92E-06	1.56E-03	1.93E-03
3086	484363.09	3845877.25	0.02402	0.03786	0.02894	3.69E-04	2.76E-06	7.76E-04	0.001148	3.77E-04	2.71E-06	8.63E-04	0.001243	3.58E-04	3.44E-06	1.66E-03	2.02E-03
3087	484863.09	3845877.25	0.02791	0.051	0.02855	4.28E-04	3.71E-06	7.66E-04	0.001198	4.38E-04	3.65E-06	8.52E-04	0.001293	4.16E-04	4.64E-06	1.64E-03	2.06E-03
3088	485363.09	3845877.25	0.02909	0.03642	0.03	4.46E-04	2.65E-06	8.05E-04	0.001254	4.56E-04	2.61E-06	8.95E-04	0.001354	4.33E-04	3.31E-06	1.72E-03	2.16E-03
3089	485863.09	3845877.25	0.02878	0.03189	0.03134	4.42E-04	2.32E-06	8.41E-04	0.001285	4.51E-04	2.28E-06	9.35E-04	0.001388	4.29E-04	2.90E-06	1.80E-03	2.23E-03
3090	486363.09	3845877.25	0.02628	0.03424	0.02696	4.03E-04	2.49E-06	7.23E-04	0.001129	4.12E-04	2.45E-06	8.04E-04	0.001219	3.91E-04	3.11E-06	1.54E-03	1.94E-03
3091	486863.09	3845877.25	0.02204	0.03387	0.02392	3.38E-04	2.47E-06	6.42E-04	0.000982	3.46E-04	2.43E-06	7.14E-04	0.001062	3.28E-04	3.08E-06	1.37E-03	1.70E-03
3092	487363.09	3845877.25	0.02034	0.03134	0.02374	3.12E-04	2.28E-06	6.37E-04	0.000951	3.19E-04	2.25E-06	7.08E-04	0.001029	3.03E-04	2.85E-06	1.36E-03	1.67E-03
3093	487863.09	3845877.25	0.01815	0.02021	0.01919	2.79E-04	1.47E-06	5.15E-04	0.000795	2.85E-04	1.45E-06	5.72E-04	0.000859	2.70E-04	1.84E-06	1.10E-03	1.37E-03
3094	488363.09	3845877.25	0.01679	0.02305	0.01789	2.58E-04	1.68E-06	4.80E-04	0.000739	2.63E-04	1.65E-06	5.34E-04	0.000799	2.50E-04	2.10E-06	1.02E-03	1.28E-03
3095	488863.09	3845877.25	0.0168	0.02374	0.01963	2.58E-04	1.73E-06	5.26E-04	0.000786	2.63E-04	1.70E-06	5.86E-04	0.000851	2.50E-04	2.16E-06	1.12E-03	1.38E-03
3096	489363.09	3845877.25	0.01514	0.02078	0.01915	2.32E-04	1.51E-06	5.14E-04	0.000747	2.37E-04	1.49E-06	5.71E-04	0.00081	2.26E-04	1.89E-06	1.10E-03	1.32E-03
3097	489863.09	3845877.25	0.01393	0.02353	0.01787	2.14E-04	1.71E-06	4.79E-04	0.000695	2.18E-04	1.69E-06	5.33E-04	0.000753	2.08E-04	2.14E-06	1.02E-03	1.23E-03
3098	490363.09	3845877.25	0.01396	0.02586	0.01619	2.14E-04	1.88E-06	4.34E-04	0.00065	2.19E-04	1.85E-06	4.83E-04	0.000704	2.08E-04	2.35E-06	9.27E-04	1.14E-03

3099	490863.09	3845877.25	0.01132	0.0249	0.0135	1.74E-04	1.81E-06	3.62E-04	0.000538	1.77E-04	1.78E-06	4.03E-04	0.000582	1.69E-04	2.26E-06	7.73E-04	9.44E-04
3100	491363.09	3845877.25	0.01357	0.02902	0.01373	2.08E-04	2.11E-06	3.68E-04	0.000579	2.13E-04	2.08E-06	4.10E-04	0.000624	2.02E-04	2.64E-06	7.87E-04	9.91E-04
3101	491863.09	3845877.25	0.0132	0.02317	0.01722	2.03E-04	1.69E-06	4.62E-04	0.000666	2.07E-04	1.66E-06	5.14E-04	0.000722	1.97E-04	2.11E-06	9.86E-04	1.19E-03
3102	492363.09	3845877.25	0.01249	0.0187	0.01576	1.92E-04	1.36E-06	4.23E-04	0.000616	1.96E-04	1.34E-06	4.70E-04	0.000667	1.86E-04	1.70E-06	9.03E-04	1.09E-03
3103	492863.09	3845877.25	0.01338	0.02098	0.01817	2.05E-04	1.53E-06	4.87E-04	0.000694	2.10E-04	1.50E-06	5.42E-04	0.000753	1.99E-04	1.91E-06	1.04E-03	1.24E-03
3104	493363.09	3845877.25	0.01412	0.02405	0.01829	2.17E-04	1.75E-06	4.91E-04	0.000709	2.21E-04	1.72E-06	5.46E-04	0.000769	2.10E-04	2.19E-06	1.05E-03	1.26E-03
3105	493863.09	3845877.25	0.01408	0.02236	0.01842	2.16E-04	1.63E-06	4.94E-04	0.000712	2.21E-04	1.60E-06	5.50E-04	0.000772	2.10E-04	2.03E-06	1.06E-03	1.27E-03
3106	494363.09	3845877.25	0.01445	0.02345	0.01854	2.22E-04	1.71E-06	4.97E-04	0.000721	2.27E-04	1.68E-06	5.53E-04	0.000781	2.15E-04	2.13E-06	1.06E-03	1.28E-03
3107	494863.09	3845877.25	0.01478	0.02119	0.01859	2.27E-04	1.54E-06	4.99E-04	0.000727	2.32E-04	1.52E-06	5.55E-04	0.000788	2.20E-04	1.93E-06	1.06E-03	1.29E-03
3108	495363.09	3845877.25	0.01497	0.02094	0.01772	2.30E-04	1.52E-06	4.75E-04	0.000707	2.35E-04	1.50E-06	5.29E-04	0.000765	2.23E-04	1.90E-06	1.02E-03	1.24E-03
3109	495863.09	3845877.25	0.0149	0.02793	0.0178	2.29E-04	2.03E-06	4.77E-04	0.000708	2.34E-04	2.00E-06	5.31E-04	0.000767	2.22E-04	2.54E-06	1.02E-03	1.24E-03
3110	496363.09	3845877.25	0.01522	0.02425	0.01763	2.34E-04	1.77E-06	4.73E-04	0.000708	2.39E-04	1.74E-06	5.26E-04	0.000766	2.27E-04	2.21E-06	1.01E-03	1.24E-03
3111	496863.09	3845877.25	0.0171	0.03139	0.01735	2.62E-04	2.28E-06	4.65E-04	0.00073	2.68E-04	2.25E-06	5.18E-04	0.000788	2.55E-04	2.86E-06	9.94E-04	1.25E-03
3112	497363.09	3845877.25	0.0184	0.03037	0.01846	2.82E-04	2.21E-06	4.95E-04	0.00078	2.88E-04	2.18E-06	5.51E-04	0.000841	2.74E-04	2.76E-06	1.06E-03	1.33E-03
3113	497863.09	3845877.25	0.01777	0.03235	0.01922	2.73E-04	2.35E-06	5.15E-04	0.000791	2.79E-04	2.32E-06	5.73E-04	0.000854	2.65E-04	2.94E-06	1.10E-03	1.37E-03
3114	498363.09	3845877.25	0.01956	0.03319	0.01953	3.00E-04	2.42E-06	5.24E-04	0.000826	3.07E-04	2.38E-06	5.83E-04	0.000892	2.91E-04	3.02E-06	1.12E-03	1.41E-03
3115	471363.09	3846377.25	0.19309	0.23243	0.22659	2.96E-03	1.69E-05	6.08E-03	0.009057	3.03E-03	1.67E-05	6.76E-03	0.009804	2.88E-03	2.11E-05	1.30E-02	1.59E-02
3116	471863.09	3846377.25	0.13766	0.1847	0.15658	2.11E-03	1.34E-05	4.20E-03	0.006325	2.16E-03	1.32E-05	4.67E-03	0.006843	2.05E-03	1.68E-05	8.97E-03	1.10E-02
3117	472363.09	3846377.25	0.09289	0.10112	0.10053	1.43E-03	7.36E-06	2.70E-03	0.004129	1.46E-03	7.25E-06	3.00E-03	0.004463	1.38E-03	9.20E-06	5.76E-03	7.15E-03
3118	472863.09	3846377.25	0.10232	0.11959	0.10977	1.57E-03	8.71E-06	2.94E-03	0.004523	1.60E-03	8.57E-06	3.27E-03	0.004888	1.52E-03	1.09E-05	6.29E-03	7.82E-03
3119	473363.09	3846377.25	0.10049	0.11985	0.11023	1.54E-03	8.72E-06	2.96E-03	0.004507	1.58E-03	8.59E-06	3.29E-03	0.004873	1.50E-03	1.09E-05	6.31E-03	7.82E-03
3120	473863.09	3846377.25	0.12256	0.14025	0.13219	1.88E-03	1.02E-05	3.55E-03	0.005436	1.92E-03	1.00E-05	3.94E-03	0.005875	1.83E-03	1.28E-05	7.57E-03	9.41E-03
3121	474363.09	3846377.25	0.126	0.14459	0.1408	1.93E-03	1.05E-05	3.78E-03	0.00572	1.98E-03	1.04E-05	4.20E-03	0.006186	1.88E-03	1.32E-05	8.07E-03	9.96E-03
3122	474863.09	3846377.25	0.14865	0.16074	0.16068	2.28E-03	1.17E-05	4.31E-03	0.006602	2.33E-03	1.15E-05	4.79E-03	0.007136	2.21E-03	1.46E-05	9.20E-03	1.14E-02
3123	475363.09	3846377.25	0.19382	0.21199	0.2088	2.97E-03	1.54E-05	5.60E-03	0.00859	3.04E-03	1.52E-05	6.23E-03	0.009283	2.89E-03	1.93E-05	1.20E-02	1.49E-02
3124	475863.09	3846377.25	0.19561	0.20742	0.20566	3.00E-03	1.51E-05	5.52E-03	0.008533	3.07E-03	1.49E-05	6.14E-03	0.009217	2.91E-03	1.89E-05	1.18E-02	1.47E-02
3125	476363.09	3846377.25	0.17827	0.20711	0.18854	2.74E-03	1.51E-05	5.06E-03	0.007807	2.80E-03	1.48E-05	5.62E-03	0.008435	2.66E-03	1.88E-05	1.08E-02	1.35E-02
3126	476863.09	3846377.25	0.14682	0.14846	0.16112	2.25E-03	1.08E-05	4.32E-03	0.006585	2.30E-03	1.06E-05	4.81E-03	0.007119	2.19E-03	1.35E-05	9.23E-03	1.14E-02
3127	477363.09	3846377.25	0.11487	0.15543	0.1227	1.76E-03	1.13E-05	3.29E-03	0.005065	1.80E-03	1.11E-05	3.66E-03	0.005473	1.71E-03	1.41E-05	7.03E-03	8.75E-03
3128	477863.09	3846377.25	0.10585	0.11851	0.11553	1.62E-03	8.63E-06	3.10E-03	0.004731	1.66E-03	8.49E-06	3.45E-03	0.005115	1.58E-03	1.08E-05	6.62E-03	8.21E-03
3129	478363.09	3846377.25	0.09435	0.1099	0.09439	1.45E-03	8.00E-06	2.53E-03	0.003987	1.48E-03	7.87E-06	2.82E-03	0.004303	1.41E-03	1.00E-05	5.41E-03	6.82E-03
3130	478863.09	3846377.25	0.09533	0.10377	0.10104	1.46E-03	7.55E-06	2.71E-03	0.00418	1.49E-03	7.44E-06	3.01E-03	0.004516	1.42E-03	9.44E-06	5.79E-03	7.22E-03
3131	479363.09	3846377.25	0.06975	0.1005	0.07914	1.07E-03	7.32E-06	2.12E-03	0.0032	1.09E-03	7.20E-06	2.36E-03	0.003462	1.04E-03	9.14E-06	4.53E-03	5.58E-03
3132	479863.09	3846377.25	0.06576	0.09185	0.06492	1.01E-03	6.69E-06	1.74E-03	0.002757	1.03E-03	6.58E-06	1.94E-03	0.002974	9.80E-04	8.35E-06	3.72E-03	4.71E-03
3133	480363.09	3846377.25	0.05841	0.08621	0.06696	8.96E-04	6.28E-06	1.80E-03	0.002698	9.16E-04	6.18E-06	2.00E-03	0.00292	8.70E-04	7.84E-06	3.84E-03	4.71E-03
3134	480863.09	3846377.25	0.05017	0.08535	0.05225	7.70E-04	6.21E-06	1.40E-03	0.002177	7.87E-04	6.12E-06	1.56E-03	0.002351	7.47E-04	7.76E-06	2.99E-03	3.75E-03
3135	481363.09	3846377.25	0.04726	0.05834	0.05059	7.25E-04	4.25E-06	1.36E-03	0.002086	7.41E-04	4.18E-06	1.51E-03	0.002254	7.04E-04	5.31E-06	2.90E-03	3.61E-03
3136	481863.09	3846377.25	0.04766	0.05289	0.0507	7.31E-04	3.85E-06	1.36E-03	0.002095	7.47E-04	3.79E-06	1.51E-03	0.002264	7.10E-04	4.81E-06	2.90E-03	3.62E-03
3137	482363.09	3846377.25	0.04224	0.04851	0.04489	6.48E-04	3.53E-06	1.20E-03	0.001856	6.62E-04	3.48E-06	1.34E-03	0.002005	6.29E-04	4.41E-06	2.57E-03	3.21E-03
3138	482863.09	3846377.25	0.03218	0.04196	0.03122	4.94E-04	3.05E-06	8.37E-04	0.001334	5.05E-04	3.01E-06	9.31E-04	0.001439	4.79E-04	3.82E-06	1.79E-03	2.27E-03
3139	483363.09	3846377.25	0.02905	0.04476	0.03258	4.46E-04	3.26E-06	8.74E-04	0.001323	4.55E-04	3.21E-06	9.72E-04	0.001431	4.33E-04	4.07E-06	1.87E-03	2.30E-03
3140	483863.09	3846377.25	0.02748	0.05393	0.02915	4.22E-04	3.93E-06	7.82E-04	0.001207	4.31E-04	3.86E-06	8.70E-04	0.001304	4.09E-04	4.91E-06	1.67E-03	2.08E-03
3141	484363.09	3846377.25	0.02528	0.03779	0.02889	3.88E-04	2.75E-06	7.75E-04	0.001166	3.96E-04	2.71E-06	8.62E-04	0.001261	3.77E-04	3.44E-06	1.65E-03	2.03E-03
3142	484863.09	3846377.25	0.03123	0.04996	0.03172	4.79E-04	3.64E-06	8.51E-04	0.001334	4.90E-04	3.58E-06	9.46E-04	0.00144	4.65E-04	4.54E-06	1.82E-03	2.29E-03
3143	485363.09	3846377.25	0.03319	0.03878	0.03332	5.09E-04	2.82E-06	8.94E-04	0.001406	5.20E-04	2.78E-06	9.94E-04	0.001517	4.94E-04	3.53E-06	1.91E-03	2.41E-03
3144	485863.09	3846377.25	0.03143	0.03917	0.03171	4.82E-04	2.85E-06	8.50E-04	0.001336	4.93E-04	2.81E-06	9.46E-04	0.001442	4.68E-04	3.56E-06	1.82E-03	2.29E-03
3145	486363.09	3846377.25	0.02572	0.03684	0.02743	3.95E-04	2.68E-06	7.36E-04	0.001133	4.03E-04	2.64E-06	8.18E-04	0.001224	3.83E-04	3.35E-06	1.57E-03	1.96E-03

3146	486863.09	3846377.25	0.02288	0.0341	0.02488	3.51E-04	2.48E-06	6.67E-04	0.001021	3.59E-04	2.44E-06	7.42E-04	0.001103	3.41E-04	3.10E-06	1.43E-03	1.77E-03
3147	487363.09	3846377.25	0.02122	0.03105	0.02498	3.26E-04	2.26E-06	6.70E-04	0.000998	3.33E-04	2.22E-06	7.45E-04	0.00108	3.16E-04	2.82E-06	1.43E-03	1.75E-03
3148	487863.09	3846377.25	0.02137	0.03061	0.02495	3.28E-04	2.23E-06	6.69E-04	0.000999	3.35E-04	2.19E-06	7.44E-04	0.001082	3.18E-04	2.78E-06	1.43E-03	1.75E-03
3149	488363.09	3846377.25	0.01947	0.02554	0.02259	2.99E-04	1.86E-06	6.06E-04	0.000907	3.05E-04	1.83E-06	6.74E-04	0.000981	2.90E-04	2.32E-06	1.29E-03	1.59E-03
3150	488863.09	3846377.25	0.0175	0.02451	0.02081	2.69E-04	1.78E-06	5.58E-04	0.000828	2.74E-04	1.76E-06	6.21E-04	0.000897	2.61E-04	2.23E-06	1.19E-03	1.46E-03
3151	489363.09	3846377.25	0.01646	0.02749	0.02098	2.53E-04	2.00E-06	5.63E-04	0.000817	2.58E-04	1.97E-06	6.26E-04	0.000886	2.45E-04	2.50E-06	1.20E-03	1.45E-03
3152	489863.09	3846377.25	0.01599	0.03029	0.01966	2.45E-04	2.20E-06	5.27E-04	0.000775	2.51E-04	2.17E-06	5.87E-04	0.000839	2.38E-04	2.76E-06	1.13E-03	1.37E-03
3153	490363.09	3846377.25	0.01597	0.02617	0.0165	2.45E-04	1.90E-06	4.43E-04	0.00069	2.50E-04	1.88E-06	4.92E-04	0.000745	2.38E-04	2.38E-06	9.45E-04	1.19E-03
3154	490863.09	3846377.25	0.01376	0.02974	0.01429	2.11E-04	2.16E-06	3.83E-04	0.000597	2.16E-04	2.13E-06	4.26E-04	0.000644	2.05E-04	2.71E-06	8.19E-04	1.03E-03
3155	491363.09	3846377.25	0.01486	0.02519	0.01661	2.28E-04	1.83E-06	4.45E-04	0.000675	2.33E-04	1.80E-06	4.96E-04	0.00073	2.21E-04	2.29E-06	9.51E-04	1.18E-03
3156	491863.09	3846377.25	0.01379	0.02008	0.01805	2.12E-04	1.46E-06	4.84E-04	0.000697	2.16E-04	1.44E-06	5.38E-04	0.000756	2.05E-04	1.83E-06	1.03E-03	1.24E-03
3157	492363.09	3846377.25	0.01348	0.02147	0.01816	2.07E-04	1.56E-06	4.87E-04	0.000695	2.11E-04	1.54E-06	5.42E-04	0.000755	2.01E-04	1.95E-06	1.04E-03	1.24E-03
3158	492863.09	3846377.25	0.01439	0.02244	0.01827	2.21E-04	1.63E-06	4.90E-04	0.000712	2.26E-04	1.61E-06	5.45E-04	0.000772	2.14E-04	2.04E-06	1.05E-03	1.26E-03
3159	493363.09	3846377.25	0.01461	0.02343	0.01946	2.24E-04	1.71E-06	5.22E-04	0.000748	2.29E-04	1.68E-06	5.81E-04	0.000811	2.18E-04	2.13E-06	1.11E-03	1.33E-03
3160	493863.09	3846377.25	0.015	0.02424	0.01853	2.30E-04	1.76E-06	4.97E-04	0.000729	2.35E-04	1.74E-06	5.53E-04	0.00079	2.23E-04	2.20E-06	1.06E-03	1.29E-03
3161	494363.09	3846377.25	0.01498	0.02251	0.01862	2.30E-04	1.64E-06	4.99E-04	0.000731	2.35E-04	1.61E-06	5.55E-04	0.000792	2.23E-04	2.05E-06	1.07E-03	1.29E-03
3162	494863.09	3846377.25	0.01508	0.02306	0.01797	2.31E-04	1.68E-06	4.82E-04	0.000715	2.36E-04	1.65E-06	5.36E-04	0.000774	2.25E-04	2.10E-06	1.03E-03	1.26E-03
3163	495363.09	3846377.25	0.01493	0.02786	0.01789	2.29E-04	2.03E-06	4.80E-04	0.000711	2.34E-04	2.00E-06	5.34E-04	0.00077	2.22E-04	2.53E-06	1.02E-03	1.25E-03
3164	495863.09	3846377.25	0.01622	0.03032	0.01776	2.49E-04	2.21E-06	4.76E-04	0.000727	2.54E-04	2.17E-06	5.30E-04	0.000786	2.42E-04	2.76E-06	1.02E-03	1.26E-03
3165	496363.09	3846377.25	0.01849	0.03946	0.0183	2.84E-04	2.87E-06	4.91E-04	0.000777	2.90E-04	2.83E-06	5.46E-04	0.000839	2.75E-04	3.59E-06	1.05E-03	1.33E-03
3166	496863.09	3846377.25	0.01986	0.03529	0.0198	3.05E-04	2.57E-06	5.31E-04	0.000838	3.11E-04	2.53E-06	5.91E-04	0.000905	2.96E-04	3.21E-06	1.13E-03	1.43E-03
3167	497363.09	3846377.25	0.02026	0.0346	0.02151	3.11E-04	2.52E-06	5.77E-04	0.00089	3.18E-04	2.48E-06	6.42E-04	0.000962	3.02E-04	3.15E-06	1.23E-03	1.54E-03
3168	497863.09	3846377.25	0.02058	0.03665	0.02077	3.16E-04	2.67E-06	5.57E-04	0.000876	3.23E-04	2.63E-06	6.20E-04	0.000945	3.07E-04	3.33E-06	1.19E-03	1.50E-03
3169	498363.09	3846377.25	0.02128	0.03564	0.02277	3.27E-04	2.59E-06	6.11E-04	0.00094	3.34E-04	2.55E-06	6.79E-04	0.001015	3.17E-04	3.24E-06	1.30E-03	1.62E-03
3170	471363.09	3846877.25	0.20175	0.25473	0.22204	3.10E-03	1.85E-05	5.96E-03	0.00907	3.16E-03	1.83E-05	6.62E-03	0.009805	3.01E-03	2.32E-05	1.27E-02	1.57E-02
3171	471863.09	3846877.25	0.22605	0.2633	0.244	3.47E-03	1.92E-05	6.54E-03	0.010032	3.54E-03	1.89E-05	7.28E-03	0.010842	3.37E-03	2.40E-05	1.40E-02	1.74E-02
3172	472363.09	3846877.25	0.19213	0.24887	0.2046	2.95E-03	1.81E-05	5.49E-03	0.008454	3.01E-03	1.78E-05	6.10E-03	0.009134	2.86E-03	2.26E-05	1.17E-02	1.46E-02
3173	472863.09	3846877.25	0.09138	0.10377	0.09756	1.40E-03	7.55E-06	2.62E-03	0.004026	1.43E-03	7.44E-06	2.91E-03	0.004351	1.36E-03	9.44E-06	5.59E-03	6.96E-03
3174	473363.09	3846877.25	0.12486	0.15036	0.13701	1.92E-03	1.09E-05	3.67E-03	0.005602	1.96E-03	1.08E-05	4.09E-03	0.006056	1.86E-03	1.37E-05	7.85E-03	9.72E-03
3175	473863.09	3846877.25	0.13048	0.17204	0.15209	2.00E-03	1.25E-05	4.08E-03	0.006094	2.05E-03	1.23E-05	4.54E-03	0.006595	1.94E-03	1.56E-05	8.71E-03	1.07E-02
3176	474363.09	3846877.25	0.14375	0.16086	0.1513	2.21E-03	1.17E-05	4.06E-03	0.006276	2.25E-03	1.15E-05	4.51E-03	0.006779	2.14E-03	1.46E-05	8.67E-03	1.08E-02
3177	474863.09	3846877.25	0.15392	0.17515	0.16211	2.36E-03	1.27E-05	4.35E-03	0.006723	2.41E-03	1.25E-05	4.84E-03	0.007262	2.29E-03	1.59E-05	9.29E-03	1.16E-02
3178	475363.09	3846877.25	0.15687	0.16863	0.16914	2.41E-03	1.23E-05	4.54E-03	0.006956	2.46E-03	1.21E-05	5.05E-03	0.007518	2.34E-03	1.53E-05	9.69E-03	1.20E-02
3179	475863.09	3846877.25	0.2153	0.24246	0.23379	3.30E-03	1.76E-05	6.27E-03	0.009592	3.38E-03	1.74E-05	6.97E-03	0.010368	3.21E-03	2.21E-05	1.34E-02	1.66E-02
3180	476363.09	3846877.25	0.21338	0.2193	0.22329	3.27E-03	1.60E-05	5.99E-03	0.009279	3.35E-03	1.57E-05	6.66E-03	0.010023	3.18E-03	1.99E-05	1.28E-02	1.60E-02
3181	476863.09	3846877.25	0.19819	0.21452	0.20775	3.04E-03	1.56E-05	5.57E-03	0.008629	3.11E-03	1.54E-05	6.20E-03	0.00932	2.95E-03	1.95E-05	1.19E-02	1.49E-02
3182	477363.09	3846877.25	0.15229	0.15677	0.16513	2.34E-03	1.14E-05	4.43E-03	0.006777	2.39E-03	1.12E-05	4.93E-03	0.007325	2.27E-03	1.43E-05	9.46E-03	1.17E-02
3183	477863.09	3846877.25	0.12593	0.16281	0.13581	1.93E-03	1.19E-05	3.64E-03	0.005587	1.97E-03	1.17E-05	4.05E-03	0.006038	1.88E-03	1.48E-05	7.78E-03	9.67E-03
3184	478363.09	3846877.25	0.11408	0.12808	0.12826	1.75E-03	9.32E-06	3.44E-03	0.0052	1.79E-03	9.18E-06	3.83E-03	0.005624	1.70E-03	1.17E-05	7.35E-03	9.06E-03
3185	478863.09	3846877.25	0.10793	0.13325	0.11089	1.66E-03	9.70E-06	2.97E-03	0.00464	1.69E-03	9.55E-06	3.31E-03	0.00501	1.61E-03	1.21E-05	6.35E-03	7.97E-03
3186	479363.09	3846877.25	0.10275	0.13157	0.10976	1.58E-03	9.58E-06	2.94E-03	0.00453	1.61E-03	9.43E-06	3.27E-03	0.004895	1.53E-03	1.20E-05	6.29E-03	7.83E-03
3187	479863.09	3846877.25	0.06387	0.08737	0.06661	9.80E-04	6.36E-06	1.79E-03	0.002773	1.00E-03	6.26E-06	1.99E-03	0.002995	9.51E-04	7.95E-06	3.82E-03	4.78E-03
3188	480363.09	3846877.25	0.05246	0.07595	0.05614	8.05E-04	5.53E-06	1.51E-03	0.002316	8.23E-04	5.44E-06	1.67E-03	0.002503	7.82E-04	6.91E-06	3.22E-03	4.00E-03
3189	480863.09	3846877.25	0.04752	0.08136	0.05676	7.29E-04	5.92E-06	1.52E-03	0.002257	7.45E-04	5.83E-06	1.69E-03	0.002444	7.08E-04	7.40E-06	3.25E-03	3.97E-03
3190	481363.09	3846877.25	0.04876	0.07464	0.05034	7.48E-04	5.43E-06	1.35E-03	0.002104	7.65E-04	5.35E-06	1.50E-03	0.002272	7.26E-04	6.79E-06	2.88E-03	3.62E-03
3191	481863.09	3846877.25	0.05147	0.06002	0.05372	7.90E-04	4.37E-06	1.44E-03	0.002235	8.07E-04	4.30E-06	1.60E-03	0.002414	7.67E-04	5.46E-06	3.08E-03	3.85E-03
3192	482363.09	3846877.25	0.04363	0.04999	0.04931	6.70E-04	3.64E-06	1.32E-03	0.001996	6.84E-04	3.58E-06	1.47E-03	0.002159	6.50E-04	4.55E-06	2.82E-03	3.48E-03

3193	482863.09	3846877.25	0.03913	0.04936	0.04209	6.00E-04	3.59E-06	1.13E-03	0.001733	6.14E-04	3.54E-06	1.26E-03	0.001873	5.83E-04	4.49E-06	2.41E-03	3.00E-03
3194	483363.09	3846877.25	0.03351	0.05113	0.03649	5.14E-04	3.72E-06	9.79E-04	0.001497	5.25E-04	3.66E-06	1.09E-03	0.001618	4.99E-04	4.65E-06	2.09E-03	2.59E-03
3195	483863.09	3846877.25	0.02957	0.06405	0.033	4.54E-04	4.66E-06	8.85E-04	0.001343	4.64E-04	4.59E-06	9.84E-04	0.001453	4.41E-04	5.83E-06	1.89E-03	2.34E-03
3196	484363.09	3846877.25	0.02964	0.04962	0.03221	4.55E-04	3.61E-06	8.64E-04	0.001322	4.65E-04	3.56E-06	9.61E-04	0.001429	4.42E-04	4.51E-06	1.85E-03	2.29E-03
3197	484863.09	3846877.25	0.03385	0.04925	0.03423	5.19E-04	3.59E-06	9.18E-04	0.001441	5.31E-04	3.53E-06	1.02E-03	0.001555	5.04E-04	4.48E-06	1.96E-03	2.47E-03
3198	485363.09	3846877.25	0.03574	0.04245	0.03655	5.48E-04	3.09E-06	9.80E-04	0.001532	5.60E-04	3.04E-06	1.09E-03	0.001654	5.32E-04	3.86E-06	2.09E-03	2.63E-03
3199	485863.09	3846877.25	0.03412	0.04716	0.03433	5.24E-04	3.43E-06	9.21E-04	0.001448	5.35E-04	3.38E-06	1.02E-03	0.001562	5.08E-04	4.29E-06	1.97E-03	2.48E-03
3200	486363.09	3846877.25	0.03223	0.05095	0.03308	4.95E-04	3.71E-06	8.87E-04	0.001386	5.05E-04	3.65E-06	9.87E-04	0.001496	4.80E-04	4.63E-06	1.89E-03	2.38E-03
3201	486863.09	3846877.25	0.02747	0.03826	0.03006	4.22E-04	2.79E-06	8.06E-04	0.001231	4.31E-04	2.74E-06	8.97E-04	0.00133	4.09E-04	3.48E-06	1.72E-03	2.13E-03
3202	487363.09	3846877.25	0.0254	0.03726	0.02988	3.90E-04	2.71E-06	8.01E-04	0.001194	3.98E-04	2.67E-06	8.91E-04	0.001292	3.78E-04	3.39E-06	1.71E-03	2.09E-03
3203	487863.09	3846877.25	0.02287	0.04046	0.02693	3.51E-04	2.95E-06	7.22E-04	0.001076	3.59E-04	2.90E-06	8.03E-04	0.001165	3.41E-04	3.68E-06	1.54E-03	1.89E-03
3204	488363.09	3846877.25	0.0204	0.02882	0.02452	3.13E-04	2.10E-06	6.58E-04	0.000973	3.20E-04	2.07E-06	7.31E-04	0.001053	3.04E-04	2.62E-06	1.40E-03	1.71E-03
3205	488863.09	3846877.25	0.01836	0.02838	0.0218	2.82E-04	2.07E-06	5.85E-04	0.000868	2.88E-04	2.03E-06	6.50E-04	0.00094	2.74E-04	2.58E-06	1.25E-03	1.52E-03
3206	489363.09	3846877.25	0.01792	0.02871	0.02194	2.75E-04	2.09E-06	5.88E-04	0.000866	2.81E-04	2.06E-06	6.55E-04	0.000938	2.67E-04	2.61E-06	1.26E-03	1.53E-03
3207	489863.09	3846877.25	0.01838	0.03404	0.02122	2.82E-04	2.48E-06	5.69E-04	0.000854	2.88E-04	2.44E-06	6.33E-04	0.000924	2.74E-04	3.10E-06	1.22E-03	1.49E-03
3208	490363.09	3846877.25	0.01775	0.03763	0.01784	2.72E-04	2.74E-06	4.78E-04	0.000754	2.78E-04	2.70E-06	5.32E-04	0.000813	2.64E-04	3.42E-06	1.02E-03	1.29E-03
3209	490863.09	3846877.25	0.01736	0.02731	0.01837	2.66E-04	1.99E-06	4.93E-04	0.000761	2.72E-04	1.96E-06	5.48E-04	0.000822	2.59E-04	2.48E-06	1.05E-03	1.31E-03
3210	491363.09	3846877.25	0.01444	0.02137	0.0199	2.22E-04	1.56E-06	5.34E-04	0.000757	2.26E-04	1.53E-06	5.94E-04	0.000822	2.15E-04	1.94E-06	1.14E-03	1.36E-03
3211	491863.09	3846877.25	0.01362	0.02344	0.01815	2.09E-04	1.71E-06	4.87E-04	0.000697	2.14E-04	1.68E-06	5.41E-04	0.000757	2.03E-04	2.13E-06	1.04E-03	1.24E-03
3212	492363.09	3846877.25	0.0147	0.02721	0.01942	2.26E-04	1.98E-06	5.21E-04	0.000748	2.30E-04	1.95E-06	5.79E-04	0.000812	2.19E-04	2.48E-06	1.11E-03	1.33E-03
3213	492863.09	3846877.25	0.01514	0.02387	0.02053	2.32E-04	1.74E-06	5.51E-04	0.000785	2.37E-04	1.71E-06	6.12E-04	0.000852	2.26E-04	2.17E-06	1.18E-03	1.40E-03
3214	493363.09	3846877.25	0.01523	0.02445	0.01852	2.34E-04	1.78E-06	4.97E-04	0.000732	2.39E-04	1.75E-06	5.52E-04	0.000793	2.27E-04	2.22E-06	1.06E-03	1.29E-03
3215	493863.09	3846877.25	0.01519	0.02247	0.01864	2.33E-04	1.64E-06	5.00E-04	0.000735	2.38E-04	1.61E-06	5.56E-04	0.000796	2.26E-04	2.04E-06	1.07E-03	1.30E-03
3216	494363.09	3846877.25	0.01512	0.02353	0.01859	2.32E-04	1.71E-06	4.99E-04	0.000732	2.37E-04	1.69E-06	5.55E-04	0.000793	2.25E-04	2.14E-06	1.06E-03	1.29E-03
3217	494863.09	3846877.25	0.01569	0.02589	0.01796	2.41E-04	1.88E-06	4.82E-04	0.000724	2.46E-04	1.86E-06	5.36E-04	0.000784	2.34E-04	2.36E-06	1.03E-03	1.26E-03
3218	495363.09	3846877.25	0.01707	0.0327	0.018	2.62E-04	2.38E-06	4.83E-04	0.000747	2.68E-04	2.34E-06	5.37E-04	0.000807	2.54E-04	2.97E-06	1.03E-03	1.29E-03
3219	495863.09	3846877.25	0.01813	0.03668	0.01893	2.78E-04	2.67E-06	5.08E-04	0.000789	2.84E-04	2.63E-06	5.65E-04	0.000852	2.70E-04	3.34E-06	1.08E-03	1.36E-03
3220	496363.09	3846877.25	0.01964	0.03559	0.02033	3.01E-04	2.59E-06	5.45E-04	0.000849	3.08E-04	2.55E-06	6.06E-04	0.000917	2.93E-04	3.24E-06	1.16E-03	1.46E-03
3221	496863.09	3846877.25	0.02086	0.03843	0.02309	3.20E-04	2.80E-06	6.19E-04	0.000942	3.27E-04	2.75E-06	6.89E-04	0.001019	3.11E-04	3.50E-06	1.32E-03	1.64E-03
3222	497363.09	3846877.25	0.02192	0.03779	0.02309	3.36E-04	2.75E-06	6.19E-04	0.000958	3.44E-04	2.71E-06	6.89E-04	0.001035	3.27E-04	3.44E-06	1.32E-03	1.65E-03
3223	497863.09	3846877.25	0.02269	0.04036	0.0248	3.48E-04	2.94E-06	6.65E-04	0.001016	3.56E-04	2.89E-06	7.40E-04	0.001098	3.38E-04	3.67E-06	1.42E-03	1.76E-03
3224	498363.09	3846877.25	0.02285	0.04106	0.02434	3.51E-04	2.99E-06	6.53E-04	0.001006	3.58E-04	2.94E-06	7.26E-04	0.001087	3.40E-04	3.73E-06	1.39E-03	1.74E-03
3225	471363.09	3847377.25	0.24907	0.24957	0.27777	3.82E-03	1.82E-05	7.45E-03	0.01129	3.91E-03	1.79E-05	8.29E-03	0.01221	3.71E-03	2.27E-05	1.59E-02	1.96E-02
3226	471863.09	3847377.25	0.2137	0.33297	0.24439	3.28E-03	2.42E-05	6.55E-03	0.009858	3.35E-03	2.39E-05	7.29E-03	0.010665	3.18E-03	3.03E-05	1.40E-02	1.72E-02
3227	472363.09	3847377.25	0.21448	0.28324	0.25339	3.29E-03	2.06E-05	6.80E-03	0.010108	3.36E-03	2.03E-05	7.56E-03	0.010942	3.20E-03	2.58E-05	1.45E-02	1.77E-02
3228	472863.09	3847377.25	0.20519	0.29317	0.23799	3.15E-03	2.13E-05	6.38E-03	0.009553	3.22E-03	2.10E-05	7.10E-03	0.010338	3.06E-03	2.67E-05	1.36E-02	1.67E-02
3229	473363.09	3847377.25	0.12498	0.17336	0.13444	1.92E-03	1.26E-05	3.61E-03	0.005536	1.96E-03	1.24E-05	4.01E-03	0.005983	1.86E-03	1.58E-05	7.70E-03	9.58E-03
3230	473863.09	3847377.25	0.15074	0.18588	0.16171	2.31E-03	1.35E-05	4.34E-03	0.006664	2.36E-03	1.33E-05	4.82E-03	0.007201	2.25E-03	1.69E-05	9.26E-03	1.15E-02
3231	474363.09	3847377.25	0.16355	0.19007	0.1775	2.51E-03	1.38E-05	4.76E-03	0.007284	2.56E-03	1.36E-05	5.30E-03	0.007873	2.44E-03	1.73E-05	1.02E-02	1.26E-02
3232	474863.09	3847377.25	0.15691	0.19553	0.16849	2.41E-03	1.42E-05	4.52E-03	0.006941	2.46E-03	1.40E-05	5.03E-03	0.007501	2.34E-03	1.78E-05	9.65E-03	1.20E-02
3233	475363.09	3847377.25	0.16249	0.18502	0.17192	2.49E-03	1.35E-05	4.61E-03	0.007118	2.55E-03	1.33E-05	5.13E-03	0.00769	2.42E-03	1.68E-05	9.85E-03	1.23E-02
3234	475863.09	3847377.25	0.20672	0.22758	0.22426	3.17E-03	1.66E-05	6.01E-03	0.009203	3.24E-03	1.63E-05	6.69E-03	0.009948	3.08E-03	2.07E-05	1.28E-02	1.59E-02
3235	476363.09	3847377.25	0.28546	0.33128	0.31336	4.38E-03	2.41E-05	8.40E-03	0.012809	4.48E-03	2.37E-05	9.35E-03	0.013848	4.25E-03	3.01E-05	1.80E-02	2.22E-02
3236	476863.09	3847377.25	0.23876	0.23993	0.24944	3.66E-03	1.75E-05	6.69E-03	0.010371	3.74E-03	1.72E-05	7.44E-03	0.011202	3.56E-03	2.18E-05	1.43E-02	1.79E-02
3237	477363.09	3847377.25	0.22485	0.24087	0.23596	3.45E-03	1.75E-05	6.33E-03	0.009796	3.53E-03	1.73E-05	7.04E-03	0.010582	3.35E-03	2.19E-05	1.35E-02	1.69E-02
3238	477863.09	3847377.25	0.16727	0.20004	0.17757	2.57E-03	1.46E-05	4.76E-03	0.007344	2.62E-03	1.43E-05	5.30E-03	0.007934	2.49E-03	1.82E-05	1.02E-02	1.27E-02
3239	478363.09	3847377.25	0.1654	0.18313	0.16799	2.54E-03	1.33E-05	4.51E-03	0.007057	2.59E-03	1.31E-05	5.01E-03	0.007618	2.46E-03	1.67E-05	9.62E-03	1.21E-02

3240	478863.09	3847377.25	0.13367	0.15048	0.15425	2.05E-03	1.10E-05	4.14E-03	0.006199	2.10E-03	1.08E-05	4.60E-03	0.006708	1.99E-03	1.37E-05	8.84E-03	1.08E-02
3241	479363.09	3847377.25	0.11012	0.10674	0.11437	1.69E-03	7.77E-06	3.07E-03	0.004765	1.73E-03	7.65E-06	3.41E-03	0.005146	1.64E-03	9.71E-06	6.55E-03	8.20E-03
3242	479863.09	3847377.25	0.06111	0.09366	0.06569	9.38E-04	6.82E-06	1.76E-03	0.002706	9.58E-04	6.71E-06	1.96E-03	0.002925	9.10E-04	8.52E-06	3.76E-03	4.68E-03
3243	480363.09	3847377.25	0.04579	0.05848	0.04723	7.03E-04	4.26E-06	1.27E-03	0.001974	7.18E-04	4.19E-06	1.41E-03	0.002131	6.82E-04	5.32E-06	2.71E-03	3.39E-03
3244	480863.09	3847377.25	0.04231	0.07428	0.04576	6.49E-04	5.41E-06	1.23E-03	0.001882	6.63E-04	5.32E-06	1.37E-03	0.002034	6.30E-04	6.76E-06	2.62E-03	3.26E-03
3245	481363.09	3847377.25	0.04833	0.05865	0.04917	7.42E-04	4.27E-06	1.32E-03	0.002065	7.58E-04	4.20E-06	1.47E-03	0.002229	7.20E-04	5.33E-06	2.82E-03	3.54E-03
3246	481863.09	3847377.25	0.05314	0.06035	0.05615	8.15E-04	4.39E-06	1.51E-03	0.002326	8.33E-04	4.32E-06	1.68E-03	0.002513	7.92E-04	5.49E-06	3.22E-03	4.01E-03
3247	482363.09	3847377.25	0.05149	0.06163	0.05461	7.90E-04	4.49E-06	1.46E-03	0.002259	8.07E-04	4.42E-06	1.63E-03	0.002441	7.67E-04	5.61E-06	3.13E-03	3.90E-03
3248	482863.09	3847377.25	0.04591	0.05728	0.04899	7.04E-04	4.17E-06	1.31E-03	0.002023	7.20E-04	4.10E-06	1.46E-03	0.002185	6.84E-04	5.21E-06	2.81E-03	3.50E-03
3249	483363.09	3847377.25	0.037	0.05574	0.04313	5.68E-04	4.06E-06	1.16E-03	0.001729	5.80E-04	3.99E-06	1.29E-03	0.001871	5.51E-04	5.07E-06	2.47E-03	3.03E-03
3250	483863.09	3847377.25	0.03339	0.07354	0.04006	5.12E-04	5.35E-06	1.07E-03	0.001592	5.24E-04	5.27E-06	1.20E-03	0.001724	4.97E-04	6.69E-06	2.29E-03	2.80E-03
3251	484363.09	3847377.25	0.03324	0.05943	0.03533	5.10E-04	4.33E-06	9.48E-04	0.001462	5.21E-04	4.26E-06	1.05E-03	0.001579	4.95E-04	5.41E-06	2.02E-03	2.52E-03
3252	484863.09	3847377.25	0.03736	0.05713	0.03792	5.73E-04	4.16E-06	1.02E-03	0.001594	5.86E-04	4.09E-06	1.13E-03	0.001721	5.57E-04	5.20E-06	2.17E-03	2.73E-03
3253	485363.09	3847377.25	0.03821	0.04634	0.04091	5.86E-04	3.37E-06	1.10E-03	0.001687	5.99E-04	3.32E-06	1.22E-03	0.001823	5.69E-04	4.22E-06	2.34E-03	2.92E-03
3254	485863.09	3847377.25	0.03763	0.05754	0.03984	5.77E-04	4.19E-06	1.07E-03	0.00165	5.90E-04	4.12E-06	1.19E-03	0.001783	5.61E-04	5.23E-06	2.28E-03	2.85E-03
3255	486363.09	3847377.25	0.03446	0.06105	0.03707	5.29E-04	4.44E-06	9.94E-04	0.001527	5.40E-04	4.37E-06	1.11E-03	0.001651	5.13E-04	5.55E-06	2.12E-03	2.64E-03
3256	486863.09	3847377.25	0.03016	0.04448	0.03286	4.63E-04	3.24E-06	8.81E-04	0.001347	4.73E-04	3.19E-06	9.80E-04	0.001456	4.49E-04	4.05E-06	1.88E-03	2.34E-03
3257	487363.09	3847377.25	0.0287	0.04997	0.03135	4.40E-04	3.64E-06	8.41E-04	0.001285	4.50E-04	3.58E-06	9.35E-04	0.001389	4.28E-04	4.55E-06	1.80E-03	2.23E-03
3258	487863.09	3847377.25	0.02694	0.0425	0.02902	4.13E-04	3.09E-06	7.78E-04	0.001195	4.22E-04	3.05E-06	8.66E-04	0.001291	4.01E-04	3.87E-06	1.66E-03	2.07E-03
3259	488363.09	3847377.25	0.02263	0.03009	0.02621	3.47E-04	2.19E-06	7.03E-04	0.001052	3.55E-04	2.16E-06	7.82E-04	0.001139	3.37E-04	2.74E-06	1.50E-03	1.84E-03
3260	488863.09	3847377.25	0.02012	0.03464	0.0237	3.09E-04	2.52E-06	6.36E-04	0.000947	3.15E-04	2.48E-06	7.07E-04	0.001025	3.00E-04	3.15E-06	1.36E-03	1.66E-03
3261	489363.09	3847377.25	0.01898	0.03514	0.02319	2.91E-04	2.56E-06	6.22E-04	0.000916	2.98E-04	2.52E-06	6.92E-04	0.000992	2.83E-04	3.20E-06	1.33E-03	1.61E-03
3262	489863.09	3847377.25	0.02063	0.04457	0.02248	3.17E-04	3.24E-06	6.03E-04	0.000923	3.23E-04	3.19E-06	6.71E-04	0.000997	3.07E-04	4.05E-06	1.29E-03	1.60E-03
3263	490363.09	3847377.25	0.01939	0.03486	0.02257	2.98E-04	2.54E-06	6.05E-04	0.000905	3.04E-04	2.50E-06	6.73E-04	0.00098	2.89E-04	3.17E-06	1.29E-03	1.58E-03
3264	490863.09	3847377.25	0.01871	0.03151	0.0223	2.87E-04	2.29E-06	5.98E-04	0.000887	2.93E-04	2.26E-06	6.65E-04	0.000961	2.79E-04	2.87E-06	1.28E-03	1.56E-03
3265	491363.09	3847377.25	0.01799	0.02891	0.01878	2.76E-04	2.10E-06	5.04E-04	0.000782	2.82E-04	2.07E-06	5.60E-04	0.000844	2.68E-04	2.63E-06	1.08E-03	1.35E-03
3266	491863.09	3847377.25	0.01795	0.0381	0.02201	2.75E-04	2.77E-06	5.90E-04	0.000869	2.81E-04	2.73E-06	6.57E-04	0.000941	2.67E-04	3.47E-06	1.26E-03	1.53E-03
3267	492363.09	3847377.25	0.0161	0.02689	0.0214	2.47E-04	1.96E-06	5.74E-04	0.000823	2.52E-04	1.93E-06	6.38E-04	0.000893	2.40E-04	2.45E-06	1.23E-03	1.47E-03
3268	492863.09	3847377.25	0.01549	0.02455	0.02114	2.38E-04	1.79E-06	5.67E-04	0.000806	2.43E-04	1.76E-06	6.31E-04	0.000875	2.31E-04	2.23E-06	1.21E-03	1.44E-03
3269	493363.09	3847377.25	0.01685	0.02406	0.02157	2.59E-04	1.75E-06	5.79E-04	0.000839	2.64E-04	1.72E-06	6.43E-04	0.000909	2.51E-04	2.19E-06	1.24E-03	1.49E-03
3270	493863.09	3847377.25	0.01534	0.02711	0.01869	2.35E-04	1.97E-06	5.01E-04	0.000739	2.41E-04	1.94E-06	5.58E-04	0.0008	2.29E-04	2.47E-06	1.07E-03	1.30E-03
3271	494363.09	3847377.25	0.01652	0.02771	0.01804	2.54E-04	2.02E-06	4.84E-04	0.000739	2.59E-04	1.99E-06	5.38E-04	0.000799	2.46E-04	2.52E-06	1.03E-03	1.28E-03
3272	494863.09	3847377.25	0.01627	0.03565	0.01799	2.50E-04	2.60E-06	4.83E-04	0.000735	2.55E-04	2.55E-06	5.37E-04	0.000794	2.42E-04	3.24E-06	1.03E-03	1.28E-03
3273	495363.09	3847377.25	0.01747	0.03512	0.01867	2.68E-04	2.56E-06	5.01E-04	0.000771	2.74E-04	2.52E-06	5.57E-04	0.000833	2.60E-04	3.19E-06	1.07E-03	1.33E-03
3274	495863.09	3847377.25	0.01965	0.03573	0.01914	3.02E-04	2.60E-06	5.13E-04	0.000817	3.08E-04	2.56E-06	5.71E-04	0.000882	2.93E-04	3.25E-06	1.10E-03	1.39E-03
3275	496363.09	3847377.25	0.02019	0.03472	0.02039	3.10E-04	2.53E-06	5.47E-04	0.000859	3.17E-04	2.49E-06	6.08E-04	0.000927	3.01E-04	3.16E-06	1.17E-03	1.47E-03
3276	496863.09	3847377.25	0.0212	0.0353	0.02334	3.25E-04	2.57E-06	6.26E-04	0.000954	3.32E-04	2.53E-06	6.96E-04	0.001031	3.16E-04	3.21E-06	1.34E-03	1.66E-03
3277	497363.09	3847377.25	0.02261	0.04128	0.02483	3.47E-04	3.00E-06	6.66E-04	0.001016	3.55E-04	2.96E-06	7.41E-04	0.001098	3.37E-04	3.75E-06	1.42E-03	1.76E-03
3278	497863.09	3847377.25	0.02442	0.04138	0.0287	3.75E-04	3.01E-06	7.70E-04	0.001147	3.83E-04	2.96E-06	8.56E-04	0.001242	3.64E-04	3.76E-06	1.64E-03	2.01E-03
3279	498363.09	3847377.25	0.02609	0.0407	0.03149	4.00E-04	2.96E-06	8.45E-04	0.001248	4.09E-04	2.92E-06	9.39E-04	0.001351	3.89E-04	3.70E-06	1.80E-03	2.20E-03
3280	471363.09	3847877.25	0.20743	0.2662	0.25065	3.18E-03	1.94E-05	6.72E-03	0.009925	3.25E-03	1.91E-05	7.48E-03	0.010749	3.09E-03	2.42E-05	1.44E-02	1.75E-02
3281	471863.09	3847877.25	0.23437	0.29877	0.25561	3.60E-03	2.17E-05	6.86E-03	0.010474	3.67E-03	2.14E-05	7.63E-03	0.011322	3.49E-03	2.72E-05	1.46E-02	1.82E-02
3282	472363.09	3847877.25	0.24914	0.33615	0.30181	3.82E-03	2.45E-05	8.09E-03	0.011942	3.91E-03	2.41E-05	9.00E-03	0.012934	3.71E-03	3.06E-05	1.73E-02	2.10E-02
3283	472863.09	3847877.25	0.23718	0.32862	0.26402	3.64E-03	2.39E-05	7.08E-03	0.010745	3.72E-03	2.35E-05	7.88E-03	0.011619	3.53E-03	2.99E-05	1.51E-02	1.87E-02
3284	473363.09	3847877.25	0.25697	0.31866	0.28976	3.94E-03	2.32E-05	7.77E-03	0.011738	4.03E-03	2.28E-05	8.64E-03	0.012696	3.83E-03	2.90E-05	1.66E-02	2.05E-02
3285	473863.09	3847877.25	0.20026	0.27935	0.23517	3.07E-03	2.03E-05	6.31E-03	0.009401	3.14E-03	2.00E-05	7.02E-03	0.010176	2.98E-03	2.54E-05	1.35E-02	1.65E-02
3286	474363.09	3847877.25	0.18881	0.20275	0.21707	2.90E-03	1.48E-05	5.82E-03	0.008734	2.96E-03	1.45E-05	6.48E-03	0.009451	2.81E-03	1.84E-05	1.24E-02	1.53E-02

3287	474863.09	3847877.25	0.18937	0.24384	0.20453	2.91E-03	1.77E-05	5.49E-03	0.008409	2.97E-03	1.75E-05	6.10E-03	0.009088	2.82E-03	2.22E-05	1.17E-02	1.46E-02
3288	475363.09	3847877.25	0.18394	0.2057	0.20097	2.82E-03	1.50E-05	5.39E-03	0.008228	2.88E-03	1.47E-05	6.00E-03	0.008894	2.74E-03	1.87E-05	1.15E-02	1.43E-02
3289	475863.09	3847877.25	0.17957	0.20634	0.18608	2.76E-03	1.50E-05	4.99E-03	0.007761	2.82E-03	1.48E-05	5.55E-03	0.008381	2.68E-03	1.88E-05	1.07E-02	1.34E-02
3290	476363.09	3847877.25	0.274	0.31319	0.29377	4.20E-03	2.28E-05	7.88E-03	0.012106	4.30E-03	2.24E-05	8.76E-03	0.013082	4.08E-03	2.85E-05	1.68E-02	2.09E-02
3291	476863.09	3847877.25	0.31864	0.37791	0.35073	4.89E-03	2.75E-05	9.41E-03	0.014324	5.00E-03	2.71E-05	1.05E-02	0.015486	4.75E-03	3.44E-05	2.01E-02	2.49E-02
3292	477363.09	3847877.25	0.27672	0.28465	0.29972	4.25E-03	2.07E-05	8.04E-03	0.012306	4.34E-03	2.04E-05	8.94E-03	0.0133	4.12E-03	2.59E-05	1.72E-02	2.13E-02
3293	477863.09	3847877.25	0.25778	0.25359	0.26975	3.96E-03	1.85E-05	7.23E-03	0.011209	4.04E-03	1.82E-05	8.05E-03	0.012107	3.84E-03	2.31E-05	1.55E-02	1.93E-02
3294	478363.09	3847877.25	0.17422	0.22736	0.18879	2.67E-03	1.65E-05	5.06E-03	0.007753	2.73E-03	1.63E-05	5.63E-03	0.00838	2.60E-03	2.07E-05	1.08E-02	1.34E-02
3295	478863.09	3847877.25	0.17796	0.19446	0.18452	2.73E-03	1.42E-05	4.95E-03	0.007694	2.79E-03	1.39E-05	5.50E-03	0.008309	2.65E-03	1.77E-05	1.06E-02	1.32E-02
3296	479363.09	3847877.25	0.09851	0.11365	0.10328	1.51E-03	8.27E-06	2.77E-03	0.00429	1.54E-03	8.14E-06	3.08E-03	0.004634	1.47E-03	1.03E-05	5.92E-03	7.39E-03
3297	479863.09	3847877.25	0.05353	0.07438	0.05603	8.21E-04	5.41E-06	1.50E-03	0.00233	8.39E-04	5.33E-06	1.67E-03	0.002516	7.97E-04	6.77E-06	3.21E-03	4.01E-03
3298	480363.09	3847877.25	0.05223	0.0725	0.05392	8.01E-04	5.28E-06	1.45E-03	0.002253	8.19E-04	5.19E-06	1.61E-03	0.002433	7.78E-04	6.59E-06	3.09E-03	3.87E-03
3299	480863.09	3847877.25	0.04561	0.0738	0.05081	7.00E-04	5.37E-06	1.36E-03	0.002068	7.15E-04	5.29E-06	1.52E-03	0.002236	6.79E-04	6.71E-06	2.91E-03	3.60E-03
3300	481363.09	3847877.25	0.04972	0.09478	0.05364	7.63E-04	6.90E-06	1.44E-03	0.002209	7.80E-04	6.79E-06	1.60E-03	0.002387	7.41E-04	8.62E-06	3.07E-03	3.82E-03
3301	481863.09	3847877.25	0.05823	0.06616	0.0575	8.94E-04	4.82E-06	1.54E-03	0.002441	9.13E-04	4.74E-06	1.72E-03	0.002633	8.67E-04	6.02E-06	3.29E-03	4.17E-03
3302	482363.09	3847877.25	0.05631	0.07015	0.05935	8.64E-04	5.11E-06	1.59E-03	0.002461	8.83E-04	5.03E-06	1.77E-03	0.002658	8.39E-04	6.38E-06	3.40E-03	4.25E-03
3303	482863.09	3847877.25	0.04999	0.06749	0.05488	7.67E-04	4.91E-06	1.47E-03	0.002244	7.84E-04	4.84E-06	1.64E-03	0.002426	7.45E-04	6.14E-06	3.14E-03	3.89E-03
3304	483363.09	3847877.25	0.04246	0.06186	0.0502	6.52E-04	4.50E-06	1.35E-03	0.002002	6.66E-04	4.43E-06	1.50E-03	0.002168	6.33E-04	5.63E-06	2.88E-03	3.51E-03
3305	483863.09	3847877.25	0.03813	0.08414	0.04457	5.85E-04	6.12E-06	1.20E-03	0.001787	5.98E-04	6.03E-06	1.33E-03	0.001934	5.68E-04	7.65E-06	2.55E-03	3.13E-03
3306	484363.09	3847877.25	0.03749	0.06342	0.04012	5.75E-04	4.62E-06	1.08E-03	0.001656	5.88E-04	4.54E-06	1.20E-03	0.001789	5.58E-04	5.77E-06	2.30E-03	2.86E-03
3307	484863.09	3847877.25	0.04094	0.06789	0.04399	6.28E-04	4.94E-06	1.18E-03	0.001813	6.42E-04	4.86E-06	1.31E-03	0.001959	6.10E-04	6.18E-06	2.52E-03	3.14E-03
3308	485363.09	3847877.25	0.04244	0.05484	0.04628	6.51E-04	3.99E-06	1.24E-03	0.001896	6.65E-04	3.93E-06	1.38E-03	0.00205	6.32E-04	4.99E-06	2.65E-03	3.29E-03
3309	485863.09	3847877.25	0.04096	0.06637	0.04536	6.29E-04	4.83E-06	1.22E-03	0.00185	6.42E-04	4.76E-06	1.35E-03	0.002	6.10E-04	6.04E-06	2.60E-03	3.21E-03
3310	486363.09	3847877.25	0.03705	0.05932	0.03992	5.69E-04	4.32E-06	1.07E-03	0.001644	5.81E-04	4.25E-06	1.19E-03	0.001776	5.52E-04	5.40E-06	2.29E-03	2.84E-03
3311	486863.09	3847877.25	0.03449	0.04924	0.03709	5.29E-04	3.58E-06	9.95E-04	0.001528	5.41E-04	3.53E-06	1.11E-03	0.001651	5.14E-04	4.48E-06	2.12E-03	2.64E-03
3312	487363.09	3847877.25	0.03059	0.05358	0.0326	4.69E-04	3.90E-06	8.74E-04	0.001348	4.80E-04	3.84E-06	9.73E-04	0.001456	4.56E-04	4.87E-06	1.87E-03	2.33E-03
3313	487863.09	3847877.25	0.02779	0.03851	0.03186	4.26E-04	2.80E-06	8.55E-04	0.001284	4.36E-04	2.76E-06	9.50E-04	0.001389	4.14E-04	3.50E-06	1.83E-03	2.24E-03
3314	488363.09	3847877.25	0.02568	0.03805	0.02824	3.94E-04	2.77E-06	7.57E-04	0.001154	4.03E-04	2.73E-06	8.42E-04	0.001248	3.83E-04	3.46E-06	1.62E-03	2.00E-03
3315	488863.09	3847877.25	0.02257	0.03754	0.0263	3.46E-04	2.73E-06	7.05E-04	0.001054	3.54E-04	2.69E-06	7.85E-04	0.001141	3.36E-04	3.41E-06	1.51E-03	1.85E-03
3316	489363.09	3847877.25	0.02224	0.05257	0.02605	3.41E-04	3.83E-06	6.99E-04	0.001044	3.49E-04	3.77E-06	7.77E-04	0.00113	3.31E-04	4.78E-06	1.49E-03	1.83E-03
3317	489863.09	3847877.25	0.02254	0.04207	0.02633	3.46E-04	3.06E-06	7.06E-04	0.001055	3.53E-04	3.01E-06	7.85E-04	0.001142	3.36E-04	3.83E-06	1.51E-03	1.85E-03
3318	490363.09	3847877.25	0.02208	0.03984	0.02565	3.39E-04	2.90E-06	6.88E-04	0.00103	3.46E-04	2.85E-06	7.65E-04	0.001114	3.29E-04	3.62E-06	1.47E-03	1.80E-03
3319	490863.09	3847877.25	0.02135	0.03644	0.02497	3.28E-04	2.65E-06	6.70E-04	0.001	3.35E-04	2.61E-06	7.45E-04	0.001082	3.18E-04	3.31E-06	1.43E-03	1.75E-03
3320	491363.09	3847877.25	0.01971	0.04162	0.02461	3.02E-04	3.03E-06	6.60E-04	0.000966	3.09E-04	2.98E-06	7.34E-04	0.001046	2.94E-04	3.79E-06	1.41E-03	1.71E-03
3321	491863.09	3847877.25	0.01961	0.03286	0.024	3.01E-04	2.39E-06	6.44E-04	0.000947	3.07E-04	2.35E-06	7.16E-04	0.001026	2.92E-04	2.99E-06	1.37E-03	1.67E-03
3322	492363.09	3847877.25	0.0181	0.02893	0.02166	2.78E-04	2.11E-06	5.81E-04	0.000861	2.84E-04	2.07E-06	6.46E-04	0.000932	2.70E-04	2.63E-06	1.24E-03	1.51E-03
3323	492863.09	3847877.25	0.01941	0.02809	0.02228	2.98E-04	2.04E-06	5.98E-04	0.000897	3.04E-04	2.01E-06	6.65E-04	0.000971	2.89E-04	2.56E-06	1.28E-03	1.57E-03
3324	493363.09	3847877.25	0.01628	0.02778	0.01876	2.50E-04	2.02E-06	5.03E-04	0.000755	2.55E-04	1.99E-06	5.60E-04	0.000817	2.43E-04	2.53E-06	1.07E-03	1.32E-03
3325	493863.09	3847877.25	0.01736	0.03295	0.01852	2.66E-04	2.40E-06	4.97E-04	0.000766	2.72E-04	2.36E-06	5.52E-04	0.000827	2.59E-04	3.00E-06	1.06E-03	1.32E-03
3326	494363.09	3847877.25	0.01695	0.03831	0.01848	2.60E-04	2.79E-06	4.96E-04	0.000759	2.66E-04	2.74E-06	5.51E-04	0.00082	2.53E-04	3.48E-06	1.06E-03	1.31E-03
3327	494863.09	3847877.25	0.01907	0.03748	0.0196	2.93E-04	2.73E-06	5.26E-04	0.000821	2.99E-04	2.69E-06	5.85E-04	0.000886	2.84E-04	3.41E-06	1.12E-03	1.41E-03
3328	495363.09	3847877.25	0.01912	0.03601	0.01881	2.93E-04	2.62E-06	5.04E-04	0.000801	3.00E-04	2.58E-06	5.61E-04	0.000864	2.85E-04	3.28E-06	1.08E-03	1.37E-03
3329	495863.09	3847877.25	0.01748	0.02693	0.01761	2.68E-04	1.96E-06	4.72E-04	0.000743	2.74E-04	1.93E-06	5.25E-04	0.000801	2.60E-04	2.45E-06	1.01E-03	1.27E-03
3330	496363.09	3847877.25	0.02021	0.03796	0.02203	3.10E-04	2.76E-06	5.91E-04	0.000904	3.17E-04	2.72E-06	6.57E-04	0.000977	3.01E-04	3.45E-06	1.26E-03	1.57E-03
3331	496863.09	3847877.25	0.02145	0.03536	0.02559	3.29E-04	2.57E-06	6.86E-04	0.001018	3.36E-04	2.53E-06	7.63E-04	0.001102	3.20E-04	3.22E-06	1.47E-03	1.79E-03
3332	497363.09	3847877.25	0.02402	0.03856	0.02843	3.69E-04	2.81E-06	7.63E-04	0.001134	3.77E-04	2.76E-06	8.48E-04	0.001228	3.58E-04	3.51E-06	1.63E-03	1.99E-03
3333	497863.09	3847877.25	0.02915	0.04582	0.03206	4.47E-04	3.34E-06	8.60E-04	0.001311	4.57E-04	3.28E-06	9.56E-04	0.001417	4.34E-04	4.17E-06	1.84E-03	2.27E-03

3334	498363.09	3847877.25	0.03029	0.0478	0.03368	4.65E-04	3.48E-06	9.03E-04	0.001372	4.75E-04	3.42E-06	1.00E-03	0.001483	4.51E-04	4.35E-06	1.93E-03	2.38E-03
3335	471363.09	3848377.25	0.22577	0.25282	0.27513	3.46E-03	1.84E-05	7.38E-03	0.010862	3.54E-03	1.81E-05	8.21E-03	0.011766	3.36E-03	2.30E-05	1.58E-02	1.91E-02
3336	471863.09	3848377.25	0.23216	0.30773	0.25262	3.56E-03	2.24E-05	6.78E-03	0.01036	3.64E-03	2.20E-05	7.54E-03	0.011198	3.46E-03	2.80E-05	1.45E-02	1.80E-02
3337	472363.09	3848377.25	0.21381	0.29451	0.26416	3.28E-03	2.14E-05	7.08E-03	0.010387	3.35E-03	2.11E-05	7.88E-03	0.011254	3.19E-03	2.68E-05	1.51E-02	1.83E-02
3338	472863.09	3848377.25	0.28654	0.31078	0.3141	4.40E-03	2.26E-05	8.42E-03	0.012844	4.49E-03	2.23E-05	9.37E-03	0.013885	4.27E-03	2.83E-05	1.80E-02	2.23E-02
3339	473363.09	3848377.25	0.25314	0.39353	0.29662	3.88E-03	2.86E-05	7.96E-03	0.011869	3.97E-03	2.82E-05	8.85E-03	0.012846	3.77E-03	3.58E-05	1.70E-02	2.08E-02
3340	473863.09	3848377.25	0.25679	0.33224	0.29821	3.94E-03	2.42E-05	8.00E-03	0.011963	4.03E-03	2.38E-05	8.90E-03	0.012946	3.83E-03	3.02E-05	1.71E-02	2.09E-02
3341	474363.09	3848377.25	0.24425	0.35713	0.29369	3.75E-03	2.60E-05	7.88E-03	0.011651	3.83E-03	2.56E-05	8.76E-03	0.012617	3.64E-03	3.25E-05	1.68E-02	2.05E-02
3342	474863.09	3848377.25	0.23021	0.20908	0.23777	3.53E-03	1.52E-05	6.38E-03	0.009925	3.61E-03	1.50E-05	7.09E-03	0.010718	3.43E-03	1.90E-05	1.36E-02	1.71E-02
3343	475363.09	3848377.25	0.25609	0.2965	0.29429	3.93E-03	2.16E-05	7.89E-03	0.011844	4.02E-03	2.12E-05	8.78E-03	0.012816	3.81E-03	2.70E-05	1.69E-02	2.07E-02
3344	475863.09	3848377.25	0.22289	0.25199	0.23376	3.42E-03	1.83E-05	6.27E-03	0.009708	3.49E-03	1.81E-05	6.97E-03	0.010486	3.32E-03	2.29E-05	1.34E-02	1.67E-02
3345	476363.09	3848377.25	0.20874	0.2568	0.22858	3.20E-03	1.87E-05	6.13E-03	0.009352	3.27E-03	1.84E-05	6.82E-03	0.01011	3.11E-03	2.34E-05	1.31E-02	1.62E-02
3346	476863.09	3848377.25	0.32511	0.38426	0.35061	4.99E-03	2.80E-05	9.40E-03	0.01442	5.10E-03	2.75E-05	1.05E-02	0.015584	4.84E-03	3.50E-05	2.01E-02	2.50E-02
3347	477363.09	3848377.25	0.34751	0.41017	0.38002	5.33E-03	2.99E-05	1.02E-02	0.015555	5.45E-03	2.94E-05	1.13E-02	0.016815	5.18E-03	3.73E-05	2.18E-02	2.70E-02
3348	477863.09	3848377.25	0.29776	0.35765	0.33079	4.57E-03	2.60E-05	8.87E-03	0.013467	4.67E-03	2.56E-05	9.87E-03	0.014562	4.44E-03	3.25E-05	1.89E-02	2.34E-02
3349	478363.09	3848377.25	0.27427	0.27945	0.28649	4.21E-03	2.03E-05	7.68E-03	0.011913	4.30E-03	2.00E-05	8.55E-03	0.012867	4.09E-03	2.54E-05	1.64E-02	2.05E-02
3350	478863.09	3848377.25	0.1801	0.24144	0.1903	2.76E-03	1.76E-05	5.10E-03	0.007885	2.82E-03	1.73E-05	5.68E-03	0.008518	2.68E-03	2.20E-05	1.09E-02	1.36E-02
3351	479363.09	3848377.25	0.10279	0.14014	0.09765	1.58E-03	1.02E-05	2.62E-03	0.004207	1.61E-03	1.00E-05	2.91E-03	0.004535	1.53E-03	1.27E-05	5.59E-03	7.14E-03
3352	479863.09	3848377.25	0.03956	0.06092	0.04525	6.07E-04	4.43E-06	1.21E-03	0.001825	6.20E-04	4.37E-06	1.35E-03	0.001975	5.89E-04	5.54E-06	2.59E-03	3.19E-03
3353	480363.09	3848377.25	0.05119	0.07152	0.0556	7.86E-04	5.21E-06	1.49E-03	0.002282	8.03E-04	5.12E-06	1.66E-03	0.002466	7.63E-04	6.51E-06	3.19E-03	3.95E-03
3354	480863.09	3848377.25	0.0677	0.0936	0.06577	1.04E-03	6.81E-06	1.76E-03	0.00281	1.06E-03	6.71E-06	1.96E-03	0.00303	1.01E-03	8.51E-06	3.77E-03	4.78E-03
3355	481363.09	3848377.25	0.06315	0.11316	0.07239	9.69E-04	8.24E-06	1.94E-03	0.002919	9.90E-04	8.11E-06	2.16E-03	0.003158	9.41E-04	1.03E-05	4.15E-03	5.10E-03
3356	481863.09	3848377.25	0.0632	0.10249	0.06633	9.70E-04	7.46E-06	1.78E-03	0.002756	9.91E-04	7.34E-06	1.98E-03	0.002977	9.41E-04	9.32E-06	3.80E-03	4.75E-03
3357	482363.09	3848377.25	0.0691	0.08258	0.07263	1.06E-03	6.01E-06	1.95E-03	0.003014	1.08E-03	5.92E-06	2.17E-03	0.003256	1.03E-03	7.51E-06	4.16E-03	5.20E-03
3358	482863.09	3848377.25	0.05575	0.07425	0.05802	8.55E-04	5.40E-06	1.56E-03	0.002417	8.74E-04	5.32E-06	1.73E-03	0.00261	8.31E-04	6.75E-06	3.32E-03	4.16E-03
3359	483363.09	3848377.25	0.05077	0.07342	0.05427	7.79E-04	5.34E-06	1.46E-03	0.00224	7.96E-04	5.26E-06	1.62E-03	0.00242	7.56E-04	6.68E-06	3.11E-03	3.87E-03
3360	483863.09	3848377.25	0.04399	0.09196	0.04813	6.75E-04	6.69E-06	1.29E-03	0.001973	6.90E-04	6.59E-06	1.44E-03	0.002132	6.55E-04	8.36E-06	2.76E-03	3.42E-03
3361	484363.09	3848377.25	0.04067	0.07197	0.04428	6.24E-04	5.24E-06	1.19E-03	0.001817	6.38E-04	5.16E-06	1.32E-03	0.001964	6.06E-04	6.55E-06	2.54E-03	3.15E-03
3362	484863.09	3848377.25	0.04503	0.07361	0.04781	6.91E-04	5.36E-06	1.28E-03	0.001979	7.06E-04	5.27E-06	1.43E-03	0.002138	6.71E-04	6.70E-06	2.74E-03	3.42E-03
3363	485363.09	3848377.25	0.04583	0.06867	0.04993	7.03E-04	5.00E-06	1.34E-03	0.002047	7.19E-04	4.92E-06	1.49E-03	0.002213	6.83E-04	6.25E-06	2.86E-03	3.55E-03
3364	485863.09	3848377.25	0.04685	0.07794	0.05036	7.19E-04	5.67E-06	1.35E-03	0.002075	7.35E-04	5.58E-06	1.50E-03	0.002243	6.98E-04	7.09E-06	2.88E-03	3.59E-03
3365	486363.09	3848377.25	0.04441	0.06304	0.04543	6.81E-04	4.59E-06	1.22E-03	0.001905	6.96E-04	4.52E-06	1.36E-03	0.002056	6.62E-04	5.73E-06	2.60E-03	3.27E-03
3366	486863.09	3848377.25	0.03822	0.0632	0.04049	5.86E-04	4.60E-06	1.09E-03	0.001677	5.99E-04	4.53E-06	1.21E-03	0.001812	5.69E-04	5.75E-06	2.32E-03	2.89E-03
3367	487363.09	3848377.25	0.03201	0.06406	0.03626	4.91E-04	4.66E-06	9.73E-04	0.001468	5.02E-04	4.59E-06	1.08E-03	0.001588	4.77E-04	5.83E-06	2.08E-03	2.56E-03
3368	487863.09	3848377.25	0.02906	0.04131	0.03326	4.46E-04	3.01E-06	8.92E-04	0.001341	4.56E-04	2.96E-06	9.92E-04	0.001451	4.33E-04	3.76E-06	1.91E-03	2.34E-03
3369	488363.09	3848377.25	0.02676	0.03989	0.03142	4.11E-04	2.90E-06	8.43E-04	0.001256	4.20E-04	2.86E-06	9.37E-04	0.00136	3.99E-04	3.63E-06	1.80E-03	2.20E-03
3370	488863.09	3848377.25	0.02542	0.05489	0.02886	3.90E-04	4.00E-06	7.74E-04	0.001168	3.99E-04	3.93E-06	8.61E-04	0.001263	3.79E-04	4.99E-06	1.65E-03	2.04E-03
3371	489363.09	3848377.25	0.02611	0.05135	0.02881	4.01E-04	3.74E-06	7.73E-04	0.001177	4.09E-04	3.68E-06	8.59E-04	0.001273	3.89E-04	4.67E-06	1.65E-03	2.04E-03
3372	489863.09	3848377.25	0.0251	0.04259	0.02911	3.85E-04	3.10E-06	7.81E-04	0.001169	3.94E-04	3.05E-06	8.68E-04	0.001265	3.74E-04	3.87E-06	1.67E-03	2.05E-03
3373	490363.09	3848377.25	0.02275	0.04675	0.02714	3.49E-04	3.40E-06	7.28E-04	0.00108	3.57E-04	3.35E-06	8.10E-04	0.00117	3.39E-04	4.25E-06	1.55E-03	1.90E-03
3374	490863.09	3848377.25	0.02217	0.04514	0.02612	3.40E-04	3.29E-06	7.01E-04	0.001044	3.48E-04	3.23E-06	7.79E-04	0.00113	3.30E-04	4.11E-06	1.50E-03	1.83E-03
3375	491363.09	3848377.25	0.02094	0.03806	0.02468	3.21E-04	2.77E-06	6.62E-04	0.000986	3.28E-04	2.73E-06	7.36E-04	0.001067	3.12E-04	3.46E-06	1.41E-03	1.73E-03
3376	491863.09	3848377.25	0.02178	0.03161	0.02385	3.34E-04	2.30E-06	6.40E-04	0.000976	3.41E-04	2.26E-06	7.12E-04	0.001055	3.24E-04	2.88E-06	1.37E-03	1.69E-03
3377	492363.09	3848377.25	0.01964	0.02917	0.02298	3.01E-04	2.12E-06	6.16E-04	0.00092	3.08E-04	2.09E-06	6.86E-04	0.000996	2.93E-04	2.65E-06	1.32E-03	1.61E-03
3378	492863.09	3848377.25	0.01785	0.0291	0.01883	2.74E-04	2.12E-06	5.05E-04	0.000781	2.80E-04	2.09E-06	5.62E-04	0.000844	2.66E-04	2.65E-06	1.08E-03	1.35E-03
3379	493363.09	3848377.25	0.01843	0.03976	0.01899	2.83E-04	2.89E-06	5.09E-04	0.000795	2.89E-04	2.85E-06	5.67E-04	0.000858	2.75E-04	3.62E-06	1.09E-03	1.37E-03
3380	493863.09	3848377.25	0.01882	0.03811	0.0199	2.89E-04	2.77E-06	5.34E-04	0.000825	2.95E-04	2.73E-06	5.94E-04	0.000891	2.80E-04	3.47E-06	1.14E-03	1.42E-03

3381	494363.09	3848377.25	0.01906	0.03699	0.02104	2.92E-04	2.69E-06	5.64E-04	0.000859	2.99E-04	2.65E-06	6.28E-04	0.000929	2.84E-04	3.36E-06	1.21E-03	1.49E-03
3382	494863.09	3848377.25	0.01955	0.03176	0.02004	3.00E-04	2.31E-06	5.37E-04	0.00084	3.07E-04	2.28E-06	5.98E-04	0.000907	2.91E-04	2.89E-06	1.15E-03	1.44E-03
3383	495363.09	3848377.25	0.01943	0.03607	0.02206	2.98E-04	2.63E-06	5.92E-04	0.000892	3.05E-04	2.58E-06	6.58E-04	0.000965	2.89E-04	3.28E-06	1.26E-03	1.56E-03
3384	495863.09	3848377.25	0.01958	0.03326	0.02189	3.00E-04	2.42E-06	5.87E-04	0.00089	3.07E-04	2.38E-06	6.53E-04	0.000962	2.92E-04	3.03E-06	1.25E-03	1.55E-03
3385	496363.09	3848377.25	0.02196	0.03553	0.02427	3.37E-04	2.59E-06	6.51E-04	0.00099	3.44E-04	2.55E-06	7.24E-04	0.001071	3.27E-04	3.23E-06	1.39E-03	1.72E-03
3386	496863.09	3848377.25	0.02281	0.03985	0.02401	3.50E-04	2.90E-06	6.44E-04	0.000997	3.58E-04	2.86E-06	7.16E-04	0.001077	3.40E-04	3.62E-06	1.38E-03	1.72E-03
3387	497363.09	3848377.25	0.02528	0.04301	0.0264	3.88E-04	3.13E-06	7.08E-04	0.001099	3.96E-04	3.08E-06	7.88E-04	0.001187	3.77E-04	3.91E-06	1.51E-03	1.89E-03
3388	497863.09	3848377.25	0.03236	0.05493	0.03719	4.97E-04	4.00E-06	9.97E-04	0.001498	5.07E-04	3.94E-06	1.11E-03	0.001621	4.82E-04	5.00E-06	2.13E-03	2.62E-03
3389	498363.09	3848377.25	0.03332	0.05398	0.03929	5.11E-04	3.93E-06	1.05E-03	0.001569	5.22E-04	3.87E-06	1.17E-03	0.001698	4.96E-04	4.91E-06	2.25E-03	2.75E-03
3390	471363.09	3848877.25	0.18451	0.20576	0.19443	2.83E-03	1.50E-05	5.21E-03	0.008061	2.89E-03	1.47E-05	5.80E-03	0.008708	2.75E-03	1.87E-05	1.11E-02	1.39E-02
3391	471863.09	3848877.25	0.23754	0.22918	0.26945	3.65E-03	1.67E-05	7.23E-03	0.010889	3.72E-03	1.64E-05	8.04E-03	0.011779	3.54E-03	2.08E-05	1.54E-02	1.90E-02
3392	472363.09	3848877.25	0.26098	0.30203	0.29923	4.00E-03	2.20E-05	8.03E-03	0.012052	4.09E-03	2.16E-05	8.93E-03	0.01304	3.89E-03	2.75E-05	1.71E-02	2.11E-02
3393	472863.09	3848877.25	0.26215	0.37111	0.29434	4.02E-03	2.70E-05	7.89E-03	0.011944	4.11E-03	2.66E-05	8.78E-03	0.012918	3.91E-03	3.38E-05	1.69E-02	2.08E-02
3394	473363.09	3848877.25	0.26943	0.34981	0.27912	4.13E-03	2.55E-05	7.49E-03	0.011646	4.22E-03	2.51E-05	8.33E-03	0.012576	4.01E-03	3.18E-05	1.60E-02	2.00E-02
3395	473863.09	3848877.25	0.29159	0.37288	0.3643	4.47E-03	2.71E-05	9.77E-03	0.014272	4.57E-03	2.67E-05	1.09E-02	0.015467	4.34E-03	3.39E-05	2.09E-02	2.52E-02
3396	474363.09	3848877.25	0.27981	0.40438	0.325	4.29E-03	2.94E-05	8.72E-03	0.01304	4.39E-03	2.90E-05	9.70E-03	0.014112	4.17E-03	3.68E-05	1.86E-02	2.28E-02
3397	474863.09	3848877.25	0.30334	0.37562	0.33216	4.65E-03	2.73E-05	8.91E-03	0.013591	4.76E-03	2.69E-05	9.91E-03	0.014692	4.52E-03	3.42E-05	1.90E-02	2.36E-02
3398	475363.09	3848877.25	0.23913	0.3207	0.2417	3.67E-03	2.33E-05	6.48E-03	0.010175	3.75E-03	2.30E-05	7.21E-03	0.010983	3.56E-03	2.92E-05	1.38E-02	1.74E-02
3399	475863.09	3848877.25	0.27279	0.3748	0.32006	4.19E-03	2.73E-05	8.58E-03	0.012797	4.28E-03	2.69E-05	9.55E-03	0.013852	4.06E-03	3.41E-05	1.83E-02	2.24E-02
3400	476363.09	3848877.25	0.26251	0.30494	0.2757	4.03E-03	2.22E-05	7.39E-03	0.011445	4.12E-03	2.18E-05	8.22E-03	0.012363	3.91E-03	2.77E-05	1.58E-02	1.97E-02
3401	476863.09	3848877.25	0.28909	0.33047	0.30788	4.44E-03	2.41E-05	8.26E-03	0.012718	4.53E-03	2.37E-05	9.18E-03	0.013741	4.31E-03	3.01E-05	1.76E-02	2.20E-02
3402	477363.09	3848877.25	0.37851	0.48449	0.44118	5.81E-03	3.53E-05	1.18E-02	0.017676	5.93E-03	3.47E-05	1.32E-02	0.019131	5.64E-03	4.41E-05	2.53E-02	3.10E-02
3403	477863.09	3848877.25	0.40417	0.49635	0.44787	6.20E-03	3.61E-05	1.20E-02	0.01825	6.34E-03	3.56E-05	1.34E-02	0.019734	6.02E-03	4.51E-05	2.57E-02	3.17E-02
3404	478363.09	3848877.25	0.33116	0.45224	0.37512	5.08E-03	3.29E-05	1.01E-02	0.015176	5.19E-03	3.24E-05	1.12E-02	0.016415	4.93E-03	4.11E-05	2.15E-02	2.65E-02
3405	478863.09	3848877.25	0.27912	0.27793	0.29528	4.28E-03	2.02E-05	7.92E-03	0.012223	4.38E-03	1.99E-05	8.81E-03	0.013205	4.16E-03	2.53E-05	1.69E-02	2.11E-02
3406	479363.09	3848877.25	0.17578	0.23638	0.18367	2.70E-03	1.72E-05	4.93E-03	0.007641	2.76E-03	1.69E-05	5.48E-03	0.008252	2.62E-03	2.15E-05	1.05E-02	1.32E-02
3407	479863.09	3848877.25	0.11706	0.14065	0.11657	1.80E-03	1.02E-05	3.13E-03	0.004933	1.84E-03	1.01E-05	3.48E-03	0.005323	1.74E-03	1.28E-05	6.68E-03	8.43E-03
3408	480363.09	3848877.25	0.13348	0.16465	0.14389	2.05E-03	1.20E-05	3.86E-03	0.005919	2.09E-03	1.18E-05	4.29E-03	0.006397	1.99E-03	1.50E-05	8.24E-03	1.02E-02
3409	480863.09	3848877.25	0.11647	0.16058	0.12782	1.79E-03	1.17E-05	3.43E-03	0.005227	1.83E-03	1.15E-05	3.81E-03	0.005651	1.74E-03	1.46E-05	7.32E-03	9.07E-03
3410	481363.09	3848877.25	0.09913	0.14433	0.09621	1.52E-03	1.05E-05	2.58E-03	0.004112	1.55E-03	1.03E-05	2.87E-03	0.004435	1.48E-03	1.31E-05	5.51E-03	7.00E-03
3411	481863.09	3848877.25	0.07435	0.12494	0.0763	1.14E-03	9.09E-06	2.05E-03	0.003196	1.17E-03	8.95E-06	2.28E-03	0.003451	1.11E-03	1.14E-05	4.37E-03	5.49E-03
3412	482363.09	3848877.25	0.06716	0.08555	0.06824	1.03E-03	6.23E-06	1.83E-03	0.002867	1.05E-03	6.13E-06	2.04E-03	0.003095	1.00E-03	7.78E-06	3.91E-03	4.92E-03
3413	482863.09	3848877.25	0.05537	0.07068	0.05991	8.50E-04	5.14E-06	1.61E-03	0.002462	8.68E-04	5.06E-06	1.79E-03	0.00266	8.25E-04	6.43E-06	3.43E-03	4.26E-03
3414	483363.09	3848877.25	0.04992	0.06902	0.05651	7.66E-04	5.02E-06	1.52E-03	0.002287	7.83E-04	4.95E-06	1.69E-03	0.002473	7.44E-04	6.28E-06	3.24E-03	3.99E-03
3415	483863.09	3848877.25	0.04411	0.08234	0.0493	6.77E-04	5.99E-06	1.32E-03	0.002005	6.92E-04	5.90E-06	1.47E-03	0.002168	6.57E-04	7.49E-06	2.82E-03	3.49E-03
3416	484363.09	3848877.25	0.04492	0.08337	0.04857	6.89E-04	6.07E-06	1.30E-03	0.001998	7.04E-04	5.97E-06	1.45E-03	0.002159	6.69E-04	7.58E-06	2.78E-03	3.46E-03
3417	484863.09	3848877.25	0.04926	0.0895	0.04998	7.56E-04	6.51E-06	1.34E-03	0.002103	7.72E-04	6.41E-06	1.49E-03	0.00227	7.34E-04	8.14E-06	2.86E-03	3.61E-03
3418	485363.09	3848877.25	0.04951	0.0835	0.05153	7.60E-04	6.08E-06	1.38E-03	0.002148	7.76E-04	5.98E-06	1.54E-03	0.00232	7.38E-04	7.60E-06	2.95E-03	3.70E-03
3419	485863.09	3848877.25	0.05451	0.09719	0.05463	8.36E-04	7.07E-06	1.47E-03	0.002309	8.55E-04	6.96E-06	1.63E-03	0.002491	8.12E-04	8.84E-06	3.13E-03	3.95E-03
3420	486363.09	3848877.25	0.04862	0.07082	0.05225	7.46E-04	5.16E-06	1.40E-03	0.002153	7.62E-04	5.07E-06	1.56E-03	0.002326	7.24E-04	6.44E-06	2.99E-03	3.72E-03
3421	486863.09	3848877.25	0.04	0.06151	0.04223	6.14E-04	4.48E-06	1.13E-03	0.001751	6.27E-04	4.41E-06	1.26E-03	0.001891	5.96E-04	5.60E-06	2.42E-03	3.02E-03
3422	487363.09	3848877.25	0.03491	0.05195	0.04108	5.36E-04	3.78E-06	1.10E-03	0.001641	5.47E-04	3.72E-06	1.23E-03	0.001777	5.20E-04	4.73E-06	2.35E-03	2.88E-03
3423	487863.09	3848877.25	0.03667	0.04816	0.03881	5.63E-04	3.51E-06	1.04E-03	0.001607	5.75E-04	3.45E-06	1.16E-03	0.001736	5.46E-04	4.38E-06	2.22E-03	2.77E-03
3424	488363.09	3848877.25	0.03169	0.06247	0.0343	4.86E-04	4.55E-06	9.20E-04	0.001411	4.97E-04	4.48E-06	1.02E-03	0.001525	4.72E-04	5.68E-06	1.96E-03	2.44E-03
3425	488863.09	3848877.25	0.02984	0.06154	0.03299	4.58E-04	4.48E-06	8.85E-04	0.001347	4.68E-04	4.41E-06	9.84E-04	0.001456	4.45E-04	5.60E-06	1.89E-03	2.34E-03
3426	489363.09	3848877.25	0.03028	0.0634	0.03233	4.65E-04	4.62E-06	8.67E-04	0.001336	4.75E-04	4.54E-06	9.64E-04	0.001444	4.51E-04	5.77E-06	1.85E-03	2.31E-03
3427	489863.09	3848877.25	0.02828	0.0576	0.03141	4.34E-04	4.19E-06	8.42E-04	0.001281	4.43E-04	4.13E-06	9.37E-04	0.001385	4.21E-04	5.24E-06	1.80E-03	2.23E-03

3428	490363.09	3848877.25	0.02557	0.05346	0.03035	3.92E-04	3.89E-06	8.14E-04	0.00121	4.01E-04	3.83E-06	9.05E-04	0.00131	3.81E-04	4.86E-06	1.74E-03	2.12E-03
3429	490863.09	3848877.25	0.02254	0.04533	0.02637	3.46E-04	3.30E-06	7.07E-04	0.001056	3.53E-04	3.25E-06	7.87E-04	0.001143	3.36E-04	4.12E-06	1.51E-03	1.85E-03
3430	491363.09	3848877.25	0.02222	0.0423	0.02484	3.41E-04	3.08E-06	6.66E-04	0.00101	3.48E-04	3.03E-06	7.41E-04	0.001092	3.31E-04	3.85E-06	1.42E-03	1.76E-03
3431	491863.09	3848877.25	0.02169	0.03181	0.02383	3.33E-04	2.32E-06	6.39E-04	0.000974	3.40E-04	2.28E-06	7.11E-04	0.001053	3.23E-04	2.89E-06	1.37E-03	1.69E-03
3432	492363.09	3848877.25	0.02032	0.03876	0.02328	3.12E-04	2.82E-06	6.24E-04	0.000939	3.19E-04	2.78E-06	6.94E-04	0.001016	3.03E-04	3.53E-06	1.33E-03	1.64E-03
3433	492863.09	3848877.25	0.01944	0.0441	0.02115	2.98E-04	3.21E-06	5.67E-04	0.000869	3.05E-04	3.16E-06	6.31E-04	0.000939	2.90E-04	4.01E-06	1.21E-03	1.51E-03
3434	493363.09	3848877.25	0.01857	0.03962	0.01991	2.85E-04	2.88E-06	5.34E-04	0.000822	2.91E-04	2.84E-06	5.94E-04	0.000888	2.77E-04	3.60E-06	1.14E-03	1.42E-03
3435	493863.09	3848877.25	0.01923	0.03341	0.02164	2.95E-04	2.43E-06	5.80E-04	0.000878	3.02E-04	2.39E-06	6.46E-04	0.000949	2.86E-04	3.04E-06	1.24E-03	1.53E-03
3436	494363.09	3848877.25	0.01982	0.04342	0.02247	3.04E-04	3.16E-06	6.03E-04	0.00091	3.11E-04	3.11E-06	6.70E-04	0.000984	2.95E-04	3.95E-06	1.29E-03	1.59E-03
3437	494863.09	3848877.25	0.02169	0.03898	0.02383	3.33E-04	2.84E-06	6.39E-04	0.000975	3.40E-04	2.79E-06	7.11E-04	0.001054	3.23E-04	3.55E-06	1.37E-03	1.69E-03
3438	495363.09	3848877.25	0.02302	0.03969	0.02494	3.53E-04	2.89E-06	6.69E-04	0.001025	3.61E-04	2.84E-06	7.44E-04	0.001108	3.43E-04	3.61E-06	1.43E-03	1.78E-03
3439	495863.09	3848877.25	0.02298	0.04271	0.02317	3.53E-04	3.11E-06	6.21E-04	0.000977	3.60E-04	3.06E-06	6.91E-04	0.001055	3.42E-04	3.88E-06	1.33E-03	1.67E-03
3440	496363.09	3848877.25	0.02407	0.04495	0.02386	3.69E-04	3.27E-06	6.40E-04	0.001013	3.77E-04	3.22E-06	7.12E-04	0.001092	3.59E-04	4.09E-06	1.37E-03	1.73E-03
3441	496863.09	3848877.25	0.02622	0.04674	0.02591	4.02E-04	3.40E-06	6.95E-04	0.001101	4.11E-04	3.35E-06	7.73E-04	0.001187	3.91E-04	4.25E-06	1.48E-03	1.88E-03
3442	497363.09	3848877.25	0.03135	0.05232	0.03786	4.81E-04	3.81E-06	1.02E-03	0.0015	4.92E-04	3.75E-06	1.13E-03	0.001625	4.67E-04	4.76E-06	2.17E-03	2.64E-03
3443	497863.09	3848877.25	0.03477	0.05642	0.04131	5.34E-04	4.11E-06	1.11E-03	0.001646	5.45E-04	4.04E-06	1.23E-03	0.001782	5.18E-04	5.13E-06	2.37E-03	2.89E-03
3444	498363.09	3848877.25	0.03748	0.06374	0.04334	5.75E-04	4.64E-06	1.16E-03	0.001742	5.88E-04	4.57E-06	1.29E-03	0.001885	5.58E-04	5.80E-06	2.48E-03	3.05E-03
3445	471363.09	3849377.25	0.15783	0.2581	0.18332	2.42E-03	1.88E-05	4.92E-03	0.007357	2.47E-03	1.85E-05	5.47E-03	0.007962	2.35E-03	2.35E-05	1.05E-02	1.29E-02
3446	471863.09	3849377.25	0.17654	0.28088	0.18856	2.71E-03	2.04E-05	5.06E-03	0.007787	2.77E-03	2.01E-05	5.63E-03	0.008413	2.63E-03	2.55E-05	1.08E-02	1.35E-02
3447	472363.09	3849377.25	0.20791	0.24418	0.23046	3.19E-03	1.78E-05	6.18E-03	0.009389	3.26E-03	1.75E-05	6.88E-03	0.010152	3.10E-03	2.22E-05	1.32E-02	1.63E-02
3448	472863.09	3849377.25	0.25606	0.27364	0.31224	3.93E-03	1.99E-05	8.37E-03	0.012324	4.01E-03	1.96E-05	9.31E-03	0.013349	3.81E-03	2.49E-05	1.79E-02	2.17E-02
3449	473363.09	3849377.25	0.28297	0.34848	0.3287	4.34E-03	2.54E-05	8.82E-03	0.013183	4.44E-03	2.50E-05	9.81E-03	0.014268	4.22E-03	3.17E-05	1.88E-02	2.31E-02
3450	473863.09	3849377.25	0.26495	0.42024	0.3102	4.07E-03	3.06E-05	8.32E-03	0.012416	4.15E-03	3.01E-05	9.25E-03	0.013438	3.95E-03	3.82E-05	1.78E-02	2.18E-02
3451	474363.09	3849377.25	0.32625	0.40306	0.38536	5.01E-03	2.93E-05	1.03E-02	0.015371	5.12E-03	2.89E-05	1.15E-02	0.01664	4.86E-03	3.67E-05	2.21E-02	2.70E-02
3452	474863.09	3849377.25	0.29982	0.45842	0.34978	4.60E-03	3.34E-05	9.38E-03	0.014015	4.70E-03	3.28E-05	1.04E-02	0.015169	4.47E-03	4.17E-05	2.00E-02	2.45E-02
3453	475363.09	3849377.25	0.32077	0.41054	0.35204	4.92E-03	2.99E-05	9.44E-03	0.014394	5.03E-03	2.94E-05	1.05E-02	0.015561	4.78E-03	3.73E-05	2.02E-02	2.50E-02
3454	475863.09	3849377.25	0.32439	0.46884	0.34769	4.98E-03	3.41E-05	9.33E-03	0.014337	5.09E-03	3.36E-05	1.04E-02	0.015492	4.83E-03	4.26E-05	1.99E-02	2.48E-02
3455	476363.09	3849377.25	0.30861	0.42385	0.37901	4.74E-03	3.09E-05	1.02E-02	0.014932	4.84E-03	3.04E-05	1.13E-02	0.016176	4.60E-03	3.86E-05	2.17E-02	2.63E-02
3456	476863.09	3849377.25	0.29264	0.42828	0.3376	4.49E-03	3.12E-05	9.05E-03	0.013576	4.59E-03	3.07E-05	1.01E-02	0.01469	4.36E-03	3.90E-05	1.93E-02	2.37E-02
3457	477363.09	3849377.25	0.38215	0.49386	0.42318	5.86E-03	3.59E-05	1.13E-02	0.01725	5.99E-03	3.54E-05	1.26E-02	0.018652	5.69E-03	4.49E-05	2.42E-02	3.00E-02
3458	477863.09	3849377.25	0.41751	0.52651	0.46387	6.41E-03	3.83E-05	1.24E-02	0.018886	6.55E-03	3.77E-05	1.38E-02	0.020422	6.22E-03	4.79E-05	2.66E-02	3.28E-02
3459	478363.09	3849377.25	0.45775	0.57902	0.51058	7.02E-03	4.21E-05	1.37E-02	0.02076	7.18E-03	4.15E-05	1.52E-02	0.02245	6.82E-03	5.27E-05	2.92E-02	3.61E-02
3460	478863.09	3849377.25	0.33311	0.47653	0.36492	5.11E-03	3.47E-05	9.79E-03	0.014934	5.22E-03	3.41E-05	1.09E-02	0.016143	4.96E-03	4.33E-05	2.09E-02	2.59E-02
3461	479363.09	3849377.25	0.28714	0.32874	0.30316	4.41E-03	2.39E-05	8.13E-03	0.012561	4.50E-03	2.36E-05	9.04E-03	0.01357	4.28E-03	2.99E-05	1.74E-02	2.17E-02
3462	479863.09	3849377.25	0.18226	0.23586	0.18705	2.80E-03	1.72E-05	5.02E-03	0.007831	2.86E-03	1.69E-05	5.58E-03	0.008455	2.72E-03	2.15E-05	1.07E-02	1.35E-02
3463	480363.09	3849377.25	0.21119	0.24732	0.21837	3.24E-03	1.80E-05	5.86E-03	0.009116	3.31E-03	1.77E-05	6.51E-03	0.009843	3.15E-03	2.25E-05	1.25E-02	1.57E-02
3464	480863.09	3849377.25	0.1734	0.21178	0.18312	2.66E-03	1.54E-05	4.91E-03	0.007588	2.72E-03	1.52E-05	5.46E-03	0.008197	2.58E-03	1.93E-05	1.05E-02	1.31E-02
3465	481363.09	3849377.25	0.12441	0.16763	0.1149	1.91E-03	1.22E-05	3.08E-03	0.005003	1.95E-03	1.20E-05	3.43E-03	0.00539	1.85E-03	1.52E-05	6.58E-03	8.45E-03
3466	481863.09	3849377.25	0.07233	0.12148	0.07755	1.11E-03	8.84E-06	2.08E-03	0.003199	1.13E-03	8.70E-06	2.31E-03	0.003456	1.08E-03	1.11E-05	4.44E-03	5.53E-03
3467	482363.09	3849377.25	0.06789	0.0834	0.06928	1.04E-03	6.07E-06	1.86E-03	0.002906	1.06E-03	5.98E-06	2.07E-03	0.003137	1.01E-03	7.59E-06	3.97E-03	4.99E-03
3468	482863.09	3849377.25	0.05551	0.07397	0.06062	8.52E-04	5.38E-06	1.63E-03	0.002483	8.70E-04	5.30E-06	1.81E-03	0.002684	8.27E-04	6.73E-06	3.47E-03	4.31E-03
3469	483363.09	3849377.25	0.0527	0.07431	0.05807	8.09E-04	5.41E-06	1.56E-03	0.002372	8.26E-04	5.32E-06	1.73E-03	0.002564	7.85E-04	6.76E-06	3.33E-03	4.12E-03
3470	483863.09	3849377.25	0.04347	0.06647	0.04537	6.67E-04	4.84E-06	1.22E-03	0.001889	6.82E-04	4.76E-06	1.35E-03	0.00204	6.48E-04	6.05E-06	2.60E-03	3.25E-03
3471	484363.09	3849377.25	0.04972	0.09672	0.05196	7.63E-04	7.04E-06	1.39E-03	0.002164	7.80E-04	6.93E-06	1.55E-03	0.002337	7.41E-04	8.80E-06	2.98E-03	3.73E-03
3472	484863.09	3849377.25	0.05991	0.10499	0.05735	9.19E-04	7.64E-06	1.54E-03	0.002465	9.39E-04	7.52E-06	1.71E-03	0.002658	8.92E-04	9.55E-06	3.29E-03	4.19E-03
3473	485363.09	3849377.25	0.05467	0.09605	0.05747	8.39E-04	6.99E-06	1.54E-03	0.002387	8.57E-04	6.88E-06	1.71E-03	0.002579	8.14E-04	8.74E-06	3.29E-03	4.12E-03
3474	485863.09	3849377.25	0.05211	0.08697	0.05516	8.00E-04	6.33E-06	1.48E-03	0.002285	8.17E-04	6.23E-06	1.65E-03	0.002469	7.76E-04	7.91E-06	3.16E-03	3.94E-03

3475	486363.09	3849377.25	0.04479	0.06082	0.04504	6.87E-04	4.43E-06	1.21E-03	0.0019	7.02E-04	4.36E-06	1.34E-03	0.00205	6.67E-04	5.53E-06	2.58E-03	3.25E-03
3476	486863.09	3849377.25	0.04253	0.07116	0.04593	6.53E-04	5.18E-06	1.23E-03	0.00189	6.67E-04	5.10E-06	1.37E-03	0.002042	6.34E-04	6.47E-06	2.63E-03	3.27E-03
3477	487363.09	3849377.25	0.03948	0.07677	0.05155	6.06E-04	5.59E-06	1.38E-03	0.001994	6.19E-04	5.50E-06	1.54E-03	0.002162	5.88E-04	6.98E-06	2.95E-03	3.55E-03
3478	487863.09	3849377.25	0.03966	0.05989	0.04414	6.09E-04	4.36E-06	1.18E-03	0.001797	6.22E-04	4.29E-06	1.32E-03	0.001943	5.91E-04	5.45E-06	2.53E-03	3.12E-03
3479	488363.09	3849377.25	0.03505	0.07228	0.03894	5.38E-04	5.26E-06	1.04E-03	0.001587	5.50E-04	5.18E-06	1.16E-03	0.001716	5.22E-04	6.57E-06	2.23E-03	2.76E-03
3480	488863.09	3849377.25	0.03304	0.06645	0.03719	5.07E-04	4.84E-06	9.97E-04	0.001509	5.18E-04	4.76E-06	1.11E-03	0.001632	4.92E-04	6.04E-06	2.13E-03	2.63E-03
3481	489363.09	3849377.25	0.03188	0.06893	0.03629	4.89E-04	5.02E-06	9.73E-04	0.001468	5.00E-04	4.94E-06	1.08E-03	0.001587	4.75E-04	6.27E-06	2.08E-03	2.56E-03
3482	489863.09	3849377.25	0.03079	0.06402	0.03288	4.72E-04	4.66E-06	8.82E-04	0.001359	4.83E-04	4.59E-06	9.81E-04	0.001468	4.59E-04	5.82E-06	1.88E-03	2.35E-03
3483	490363.09	3849377.25	0.02711	0.06156	0.0319	4.16E-04	4.48E-06	8.56E-04	0.001276	4.25E-04	4.41E-06	9.52E-04	0.001381	4.04E-04	5.60E-06	1.83E-03	2.24E-03
3484	490863.09	3849377.25	0.02512	0.04683	0.0268	3.85E-04	3.41E-06	7.19E-04	0.001108	3.94E-04	3.36E-06	8.00E-04	0.001197	3.74E-04	4.26E-06	1.54E-03	1.91E-03
3485	491363.09	3849377.25	0.02344	0.04065	0.02593	3.60E-04	2.96E-06	6.95E-04	0.001058	3.68E-04	2.91E-06	7.74E-04	0.001144	3.49E-04	3.70E-06	1.49E-03	1.84E-03
3486	491863.09	3849377.25	0.02396	0.05137	0.02655	3.68E-04	3.74E-06	7.12E-04	0.001083	3.76E-04	3.68E-06	7.92E-04	0.001171	3.57E-04	4.67E-06	1.52E-03	1.88E-03
3487	492363.09	3849377.25	0.02369	0.05165	0.026	3.64E-04	3.76E-06	6.97E-04	0.001065	3.71E-04	3.70E-06	7.76E-04	0.001151	3.53E-04	4.70E-06	1.49E-03	1.85E-03
3488	492863.09	3849377.25	0.02156	0.0432	0.02363	3.31E-04	3.14E-06	6.34E-04	0.000968	3.38E-04	3.10E-06	7.05E-04	0.001046	3.21E-04	3.93E-06	1.35E-03	1.68E-03
3489	493363.09	3849377.25	0.02155	0.04107	0.02399	3.31E-04	2.99E-06	6.43E-04	0.000977	3.38E-04	2.94E-06	7.16E-04	0.001057	3.21E-04	3.74E-06	1.37E-03	1.70E-03
3490	493863.09	3849377.25	0.02197	0.05211	0.02399	3.37E-04	3.79E-06	6.43E-04	0.000984	3.44E-04	3.73E-06	7.16E-04	0.001064	3.27E-04	4.74E-06	1.37E-03	1.71E-03
3491	494363.09	3849377.25	0.02543	0.04539	0.02575	3.90E-04	3.30E-06	6.91E-04	0.001084	3.99E-04	3.25E-06	7.68E-04	0.00117	3.79E-04	4.13E-06	1.48E-03	1.86E-03
3492	494863.09	3849377.25	0.02751	0.04601	0.0282	4.22E-04	3.35E-06	7.56E-04	0.001182	4.31E-04	3.30E-06	8.41E-04	0.001276	4.10E-04	4.19E-06	1.62E-03	2.03E-03
3493	495363.09	3849377.25	0.02922	0.05274	0.02934	4.48E-04	3.84E-06	7.87E-04	0.001239	4.58E-04	3.78E-06	8.75E-04	0.001337	4.35E-04	4.80E-06	1.68E-03	2.12E-03
3494	495863.09	3849377.25	0.02598	0.04823	0.02546	3.99E-04	3.51E-06	6.83E-04	0.001085	4.07E-04	3.46E-06	7.60E-04	0.00117	3.87E-04	4.39E-06	1.46E-03	1.85E-03
3495	496363.09	3849377.25	0.02568	0.04422	0.02601	3.94E-04	3.22E-06	6.98E-04	0.001095	4.03E-04	3.17E-06	7.76E-04	0.001182	3.83E-04	4.02E-06	1.49E-03	1.88E-03
3496	496863.09	3849377.25	0.03201	0.04988	0.03264	4.91E-04	3.63E-06	8.75E-04	0.00137	5.02E-04	3.57E-06	9.74E-04	0.001479	4.77E-04	4.54E-06	1.87E-03	2.35E-03
3497	497363.09	3849377.25	0.0351	0.06108	0.03946	5.39E-04	4.45E-06	1.06E-03	0.001601	5.50E-04	4.38E-06	1.18E-03	0.001732	5.23E-04	5.56E-06	2.26E-03	2.79E-03
3498	497863.09	3849377.25	0.04202	0.0716	0.04781	6.45E-04	5.21E-06	1.28E-03	0.001932	6.59E-04	5.13E-06	1.43E-03	0.00209	6.26E-04	6.51E-06	2.74E-03	3.37E-03
3499	498363.09	3849377.25	0.04183	0.06795	0.04631	6.42E-04	4.95E-06	1.24E-03	0.001889	6.56E-04	4.87E-06	1.38E-03	0.002042	6.23E-04	6.18E-06	2.65E-03	3.28E-03
3500	471363.09	3849877.25	0.12669	0.16218	0.14172	1.94E-03	1.18E-05	3.80E-03	0.005757	1.99E-03	1.16E-05	4.23E-03	0.006226	1.89E-03	1.48E-05	8.12E-03	1.00E-02
3501	471863.09	3849877.25	0.17293	0.22354	0.19491	2.65E-03	1.63E-05	5.23E-03	0.007897	2.71E-03	1.60E-05	5.81E-03	0.008542	2.58E-03	2.03E-05	1.12E-02	1.38E-02
3502	472363.09	3849877.25	0.18176	0.28634	0.2142	2.79E-03	2.08E-05	5.74E-03	0.008555	2.85E-03	2.05E-05	6.39E-03	0.00926	2.71E-03	2.60E-05	1.23E-02	1.50E-02
3503	472863.09	3849877.25	0.19553	0.31739	0.21954	3.00E-03	2.31E-05	5.89E-03	0.008912	3.07E-03	2.27E-05	6.55E-03	0.009638	2.91E-03	2.89E-05	1.26E-02	1.55E-02
3504	473363.09	3849877.25	0.23823	0.28858	0.2781	3.66E-03	2.10E-05	7.46E-03	0.011135	3.74E-03	2.07E-05	8.30E-03	0.012052	3.55E-03	2.62E-05	1.59E-02	1.95E-02
3505	473863.09	3849877.25	0.29045	0.31954	0.34964	4.46E-03	2.33E-05	9.38E-03	0.013858	4.55E-03	2.29E-05	1.04E-02	0.015007	4.33E-03	2.91E-05	2.00E-02	2.44E-02
3506	474363.09	3849877.25	0.30237	0.40784	0.35833	4.64E-03	2.97E-05	9.61E-03	0.01428	4.74E-03	2.92E-05	1.07E-02	0.01546	4.50E-03	3.71E-05	2.05E-02	2.51E-02
3507	474863.09	3849877.25	0.30095	0.48132	0.35104	4.62E-03	3.50E-05	9.42E-03	0.014068	4.72E-03	3.45E-05	1.05E-02	0.015225	4.48E-03	4.38E-05	2.01E-02	2.46E-02
3508	475363.09	3849877.25	0.35861	0.43647	0.42016	5.50E-03	3.18E-05	1.13E-02	0.016804	5.62E-03	3.13E-05	1.25E-02	0.018188	5.34E-03	3.97E-05	2.41E-02	2.95E-02
3509	475863.09	3849877.25	0.33438	0.51966	0.39718	5.13E-03	3.78E-05	1.07E-02	0.015822	5.24E-03	3.72E-05	1.18E-02	0.017129	4.98E-03	4.73E-05	2.28E-02	2.78E-02
3510	476363.09	3849877.25	0.3627	0.48735	0.41863	5.57E-03	3.55E-05	1.12E-02	0.016829	5.69E-03	3.49E-05	1.25E-02	0.01821	5.40E-03	4.43E-05	2.40E-02	2.94E-02
3511	476863.09	3849877.25	0.35495	0.47605	0.38713	5.45E-03	3.47E-05	1.04E-02	0.015864	5.57E-03	3.41E-05	1.15E-02	0.017148	5.29E-03	4.33E-05	2.22E-02	2.75E-02
3512	477363.09	3849877.25	0.36554	0.50191	0.42008	5.61E-03	3.65E-05	1.13E-02	0.016913	5.73E-03	3.60E-05	1.25E-02	0.018299	5.45E-03	4.57E-05	2.41E-02	2.96E-02
3513	477863.09	3849877.25	0.4243	0.55769	0.47661	6.51E-03	4.06E-05	1.28E-02	0.019334	6.65E-03	4.00E-05	1.42E-02	0.020911	6.32E-03	5.07E-05	2.73E-02	3.37E-02
3514	478363.09	3849877.25	0.485	0.61547	0.52798	7.44E-03	4.48E-05	1.42E-02	0.021648	7.60E-03	4.41E-05	1.58E-02	0.023399	7.23E-03	5.60E-05	3.02E-02	3.75E-02
3515	478863.09	3849877.25	0.52757	0.71347	0.60196	8.10E-03	5.19E-05	1.61E-02	0.024292	8.27E-03	5.11E-05	1.80E-02	0.026281	7.86E-03	6.49E-05	3.45E-02	4.24E-02
3516	479363.09	3849877.25	0.42323	0.59234	0.45231	6.49E-03	4.31E-05	1.21E-02	0.018669	6.64E-03	4.24E-05	1.35E-02	0.020172	6.30E-03	5.39E-05	2.59E-02	3.23E-02
3517	479863.09	3849877.25	0.36432	0.47274	0.39456	5.59E-03	3.44E-05	1.06E-02	0.016207	5.71E-03	3.39E-05	1.18E-02	0.017517	5.43E-03	4.30E-05	2.26E-02	2.81E-02
3518	480363.09	3849877.25	0.23834	0.34393	0.27704	3.66E-03	2.50E-05	7.43E-03	0.011113	3.74E-03	2.46E-05	8.26E-03	0.012026	3.55E-03	3.13E-05	1.59E-02	1.95E-02
3519	480863.09	3849877.25	0.18805	0.22461	0.19034	2.89E-03	1.63E-05	5.11E-03	0.008007	2.95E-03	1.61E-05	5.68E-03	0.008643	2.80E-03	2.04E-05	1.09E-02	1.37E-02
3520	481363.09	3849877.25	0.15753	0.20041	0.18607	2.42E-03	1.46E-05	4.99E-03	0.007422	2.47E-03	1.44E-05	5.55E-03	0.008035	2.35E-03	1.82E-05	1.07E-02	1.30E-02
3521	481863.09	3849877.25	0.07542	0.14376	0.08215	1.16E-03	1.05E-05	2.20E-03	0.003371	1.18E-03	1.03E-05	2.45E-03	0.003644	1.12E-03	1.31E-05	4.71E-03	5.84E-03

3522	482363.09	3849877.25	0.06703	0.09114	0.07137	1.03E-03	6.63E-06	1.91E-03	0.002949	1.05E-03	6.53E-06	2.13E-03	0.003187	9.99E-04	8.29E-06	4.09E-03	5.10E-03
3523	482863.09	3849877.25	0.05767	0.08269	0.06059	8.85E-04	6.02E-06	1.63E-03	0.002516	9.04E-04	5.92E-06	1.81E-03	0.002718	8.59E-04	7.52E-06	3.47E-03	4.34E-03
3524	483363.09	3849877.25	0.0549	0.07887	0.06143	8.42E-04	5.74E-06	1.65E-03	0.002496	8.61E-04	5.65E-06	1.83E-03	0.002699	8.18E-04	7.17E-06	3.52E-03	4.34E-03
3525	483863.09	3849877.25	0.04938	0.07542	0.05316	7.58E-04	5.49E-06	1.43E-03	0.002189	7.74E-04	5.40E-06	1.59E-03	0.002366	7.36E-04	6.86E-06	3.05E-03	3.79E-03
3526	484363.09	3849877.25	0.05474	0.11097	0.05699	8.40E-04	8.08E-06	1.53E-03	0.002377	8.58E-04	7.95E-06	1.70E-03	0.002566	8.15E-04	1.01E-05	3.26E-03	4.09E-03
3527	484863.09	3849877.25	0.06833	0.10589	0.07112	1.05E-03	7.71E-06	1.91E-03	0.002964	1.07E-03	7.59E-06	2.12E-03	0.003201	1.02E-03	9.63E-06	4.07E-03	5.10E-03
3528	485363.09	3849877.25	0.06051	0.11471	0.06581	9.29E-04	8.35E-06	1.77E-03	0.002702	9.49E-04	8.22E-06	1.96E-03	0.00292	9.01E-04	1.04E-05	3.77E-03	4.68E-03
3529	485863.09	3849877.25	0.05882	0.08772	0.06087	9.03E-04	6.39E-06	1.63E-03	0.002542	9.22E-04	6.29E-06	1.82E-03	0.002744	8.76E-04	7.98E-06	3.49E-03	4.37E-03
3530	486363.09	3849877.25	0.05563	0.06774	0.05605	8.54E-04	4.93E-06	1.50E-03	0.002362	8.72E-04	4.85E-06	1.67E-03	0.002549	8.29E-04	6.16E-06	3.21E-03	4.05E-03
3531	486863.09	3849877.25	0.05387	0.08248	0.05652	8.27E-04	6.00E-06	1.52E-03	0.002349	8.45E-04	5.91E-06	1.69E-03	0.002537	8.03E-04	7.50E-06	3.24E-03	4.05E-03
3532	487363.09	3849877.25	0.04989	0.09083	0.05704	7.66E-04	6.61E-06	1.53E-03	0.002302	7.82E-04	6.51E-06	1.70E-03	0.00249	7.43E-04	8.26E-06	3.27E-03	4.02E-03
3533	487863.09	3849877.25	0.04591	0.09145	0.0512	7.04E-04	6.66E-06	1.37E-03	0.002084	7.20E-04	6.55E-06	1.53E-03	0.002254	6.84E-04	8.32E-06	2.93E-03	3.63E-03
3534	488363.09	3849877.25	0.04259	0.08176	0.0445	6.54E-04	5.95E-06	1.19E-03	0.001853	6.68E-04	5.86E-06	1.33E-03	0.002001	6.34E-04	7.44E-06	2.55E-03	3.19E-03
3535	488863.09	3849877.25	0.04264	0.07787	0.04537	6.54E-04	5.67E-06	1.22E-03	0.001877	6.69E-04	5.58E-06	1.35E-03	0.002028	6.35E-04	7.08E-06	2.60E-03	3.24E-03
3536	489363.09	3849877.25	0.0381	0.07113	0.04042	5.85E-04	5.18E-06	1.08E-03	0.001674	5.97E-04	5.10E-06	1.21E-03	0.001808	5.68E-04	6.47E-06	2.32E-03	2.89E-03
3537	489863.09	3849877.25	0.03161	0.06728	0.03559	4.85E-04	4.90E-06	9.55E-04	0.001444	4.96E-04	4.82E-06	1.06E-03	0.001562	4.71E-04	6.12E-06	2.04E-03	2.52E-03
3538	490363.09	3849877.25	0.03002	0.0512	0.033	4.61E-04	3.73E-06	8.85E-04	0.001349	4.71E-04	3.67E-06	9.84E-04	0.001459	4.47E-04	4.66E-06	1.89E-03	2.34E-03
3539	490863.09	3849877.25	0.02796	0.05668	0.03305	4.29E-04	4.13E-06	8.86E-04	0.00132	4.38E-04	4.06E-06	9.86E-04	0.001428	4.17E-04	5.16E-06	1.89E-03	2.31E-03
3540	491363.09	3849877.25	0.02916	0.07004	0.03271	4.47E-04	5.10E-06	8.77E-04	0.00133	4.57E-04	5.02E-06	9.76E-04	0.001438	4.34E-04	6.37E-06	1.87E-03	2.31E-03
3541	491863.09	3849877.25	0.02864	0.06166	0.03181	4.39E-04	4.49E-06	8.53E-04	0.001297	4.49E-04	4.42E-06	9.49E-04	0.001402	4.27E-04	5.61E-06	1.82E-03	2.25E-03
3542	492363.09	3849877.25	0.0291	0.05723	0.03113	4.47E-04	4.17E-06	8.35E-04	0.001286	4.56E-04	4.10E-06	9.29E-04	0.001389	4.34E-04	5.21E-06	1.78E-03	2.22E-03
3543	492863.09	3849877.25	0.02706	0.05779	0.03064	4.15E-04	4.21E-06	8.22E-04	0.001241	4.24E-04	4.14E-06	9.14E-04	0.001342	4.03E-04	5.26E-06	1.76E-03	2.16E-03
3544	493363.09	3849877.25	0.02871	0.05501	0.02912	4.41E-04	4.00E-06	7.81E-04	0.001226	4.50E-04	3.94E-06	8.69E-04	0.001323	4.28E-04	5.00E-06	1.67E-03	2.10E-03
3545	493863.09	3849877.25	0.02771	0.0489	0.0285	4.25E-04	3.56E-06	7.64E-04	0.001193	4.34E-04	3.50E-06	8.50E-04	0.001288	4.13E-04	4.45E-06	1.63E-03	2.05E-03
3546	494363.09	3849877.25	0.03124	0.05638	0.03161	4.79E-04	4.10E-06	8.48E-04	0.001331	4.90E-04	4.04E-06	9.43E-04	0.001437	4.65E-04	5.13E-06	1.81E-03	2.28E-03
3547	494863.09	3849877.25	0.0345	0.06581	0.04032	5.29E-04	4.79E-06	1.08E-03	0.001616	5.41E-04	4.72E-06	1.20E-03	0.001748	5.14E-04	5.99E-06	2.31E-03	2.83E-03
3548	495363.09	3849877.25	0.0318	0.05554	0.03227	4.88E-04	4.04E-06	8.65E-04	0.001358	4.99E-04	3.98E-06	9.63E-04	0.001465	4.74E-04	5.05E-06	1.85E-03	2.33E-03
3549	495863.09	3849877.25	0.03603	0.05918	0.04123	5.53E-04	4.31E-06	1.11E-03	0.001663	5.65E-04	4.24E-06	1.23E-03	0.001799	5.37E-04	5.38E-06	2.36E-03	2.90E-03
3550	496363.09	3849877.25	0.03811	0.06775	0.04245	5.85E-04	4.93E-06	1.14E-03	0.001728	5.98E-04	4.85E-06	1.27E-03	0.001869	5.68E-04	6.16E-06	2.43E-03	3.01E-03
3551	496863.09	3849877.25	0.03922	0.06945	0.04315	6.02E-04	5.06E-06	1.16E-03	0.001764	6.15E-04	4.98E-06	1.29E-03	0.001907	5.84E-04	6.32E-06	2.47E-03	3.06E-03
3552	497363.09	3849877.25	0.04482	0.08103	0.05008	6.88E-04	5.90E-06	1.34E-03	0.002037	7.03E-04	5.81E-06	1.49E-03	0.002203	6.68E-04	7.37E-06	2.87E-03	3.54E-03
3553	497863.09	3849877.25	0.04676	0.08134	0.05188	7.18E-04	5.92E-06	1.39E-03	0.002115	7.33E-04	5.83E-06	1.55E-03	0.002287	6.97E-04	7.40E-06	2.97E-03	3.68E-03
3554	498363.09	3849877.25	0.04528	0.07871	0.05043	6.95E-04	5.73E-06	1.35E-03	0.002053	7.10E-04	5.64E-06	1.50E-03	0.00222	6.75E-04	7.16E-06	2.89E-03	3.57E-03
3555	471363.09	3850377.25	0.08281	0.12127	0.08768	1.27E-03	8.83E-06	2.35E-03	0.003631	1.30E-03	8.69E-06	2.62E-03	0.003923	1.23E-03	1.10E-05	5.02E-03	6.27E-03
3556	471863.09	3850377.25	0.12985	0.1717	0.14524	1.99E-03	1.25E-05	3.90E-03	0.0059	2.04E-03	1.23E-05	4.33E-03	0.006381	1.93E-03	1.56E-05	8.32E-03	1.03E-02
3557	472363.09	3850377.25	0.15053	0.19769	0.1698	2.31E-03	1.44E-05	4.55E-03	0.006878	2.36E-03	1.42E-05	5.07E-03	0.00744	2.24E-03	1.80E-05	9.73E-03	1.20E-02
3558	472863.09	3850377.25	0.20332	0.26841	0.22672	3.12E-03	1.95E-05	6.08E-03	0.00922	3.19E-03	1.92E-05	6.76E-03	0.009971	3.03E-03	2.44E-05	1.30E-02	1.60E-02
3559	473363.09	3850377.25	0.19966	0.32734	0.23127	3.06E-03	2.38E-05	6.20E-03	0.00929	3.13E-03	2.35E-05	6.90E-03	0.010053	2.97E-03	2.98E-05	1.32E-02	1.63E-02
3560	473863.09	3850377.25	0.21572	0.354	0.25094	3.31E-03	2.58E-05	6.73E-03	0.010066	3.38E-03	2.54E-05	7.49E-03	0.010894	3.21E-03	3.22E-05	1.44E-02	1.76E-02
3561	474363.09	3850377.25	0.28318	0.33815	0.32359	4.35E-03	2.46E-05	8.68E-03	0.013049	4.44E-03	2.42E-05	9.65E-03	0.014118	4.22E-03	3.08E-05	1.85E-02	2.28E-02
3562	474863.09	3850377.25	0.32304	0.37861	0.37962	4.96E-03	2.76E-05	1.02E-02	0.015166	5.06E-03	2.71E-05	1.13E-02	0.016417	4.81E-03	3.44E-05	2.17E-02	2.66E-02
3563	475363.09	3850377.25	0.33693	0.50227	0.42253	5.17E-03	3.66E-05	1.13E-02	0.016539	5.28E-03	3.60E-05	1.26E-02	0.017924	5.02E-03	4.57E-05	2.42E-02	2.93E-02
3564	475863.09	3850377.25	0.37374	0.50786	0.43663	5.74E-03	3.70E-05	1.17E-02	0.017483	5.86E-03	3.64E-05	1.30E-02	0.018922	5.57E-03	4.62E-05	2.50E-02	3.06E-02
3565	476363.09	3850377.25	0.38007	0.59078	0.44589	5.83E-03	4.30E-05	1.20E-02	0.017834	5.96E-03	4.23E-05	1.33E-02	0.019303	5.66E-03	5.37E-05	2.55E-02	3.13E-02
3566	476863.09	3850377.25	0.38622	0.52917	0.46257	5.93E-03	3.85E-05	1.24E-02	0.018371	6.06E-03	3.79E-05	1.38E-02	0.019893	5.75E-03	4.81E-05	2.65E-02	3.23E-02
3567	477363.09	3850377.25	0.36151	0.55446	0.45748	5.55E-03	4.04E-05	1.23E-02	0.017858	5.67E-03	3.97E-05	1.36E-02	0.019356	5.39E-03	5.04E-05	2.62E-02	3.16E-02
3568	477863.09	3850377.25	0.40607	0.56792	0.46287	6.23E-03	4.13E-05	1.24E-02	0.018687	6.37E-03	4.07E-05	1.38E-02	0.020216	6.05E-03	5.17E-05	2.65E-02	3.26E-02

3569	478363.09	3850377.25	0.46634	0.58602	0.51147	7.16E-03	4.27E-05	1.37E-02	0.020917	7.31E-03	4.20E-05	1.53E-02	0.022612	6.95E-03	5.33E-05	2.93E-02	3.63E-02
3570	478863.09	3850377.25	0.52541	0.72162	0.60486	8.06E-03	5.25E-05	1.62E-02	0.024338	8.24E-03	5.17E-05	1.80E-02	0.026334	7.83E-03	6.56E-05	3.46E-02	4.25E-02
3571	479363.09	3850377.25	0.56981	0.82553	0.68083	8.74E-03	6.01E-05	1.83E-02	0.027064	8.93E-03	5.92E-05	2.03E-02	0.029304	8.49E-03	7.51E-05	3.90E-02	4.76E-02
3572	479863.09	3850377.25	0.52257	0.7262	0.5721	8.02E-03	5.29E-05	1.53E-02	0.023416	8.19E-03	5.20E-05	1.71E-02	0.025313	7.78E-03	6.61E-05	3.28E-02	4.06E-02
3573	480363.09	3850377.25	0.38658	0.6818	0.41347	5.93E-03	4.96E-05	1.11E-02	0.017071	6.06E-03	4.89E-05	1.23E-02	0.018445	5.76E-03	6.20E-05	2.37E-02	2.95E-02
3574	480863.09	3850377.25	0.35364	0.46924	0.38411	5.43E-03	3.42E-05	1.03E-02	0.015763	5.54E-03	3.36E-05	1.15E-02	0.017037	5.27E-03	4.27E-05	2.20E-02	2.73E-02
3575	481363.09	3850377.25	0.19685	0.224	0.21669	3.02E-03	1.63E-05	5.81E-03	0.008849	3.09E-03	1.61E-05	6.46E-03	0.009567	2.93E-03	2.04E-05	1.24E-02	1.54E-02
3576	481863.09	3850377.25	0.16085	0.21363	0.17529	2.47E-03	1.56E-05	4.70E-03	0.007185	2.52E-03	1.53E-05	5.23E-03	0.007767	2.40E-03	1.94E-05	1.00E-02	1.25E-02
3577	482363.09	3850377.25	0.11443	0.17145	0.11519	1.76E-03	1.25E-05	3.09E-03	0.004858	1.79E-03	1.23E-05	3.44E-03	0.005243	1.70E-03	1.56E-05	6.60E-03	8.32E-03
3578	482863.09	3850377.25	0.0827	0.1068	0.08351	1.27E-03	7.77E-06	2.24E-03	0.003517	1.30E-03	7.65E-06	2.49E-03	0.003796	1.23E-03	9.71E-06	4.78E-03	6.03E-03
3579	483363.09	3850377.25	0.06828	0.09568	0.07741	1.05E-03	6.96E-06	2.08E-03	0.003131	1.07E-03	6.86E-06	2.31E-03	0.003387	1.02E-03	8.70E-06	4.43E-03	5.46E-03
3580	483863.09	3850377.25	0.06342	0.11798	0.07287	9.73E-04	8.59E-06	1.95E-03	0.002936	9.94E-04	8.45E-06	2.17E-03	0.003177	9.45E-04	1.07E-05	4.17E-03	5.13E-03
3581	484363.09	3850377.25	0.06785	0.12232	0.0734	1.04E-03	8.90E-06	1.97E-03	0.003019	1.06E-03	8.76E-06	2.19E-03	0.003262	1.01E-03	1.11E-05	4.20E-03	5.23E-03
3582	484863.09	3850377.25	0.07796	0.12688	0.08391	1.20E-03	9.24E-06	2.25E-03	0.003456	1.22E-03	9.09E-06	2.50E-03	0.003735	1.16E-03	1.15E-05	4.81E-03	5.98E-03
3583	485363.09	3850377.25	0.07925	0.14654	0.0767	1.22E-03	1.07E-05	2.06E-03	0.003284	1.24E-03	1.05E-05	2.29E-03	0.003541	1.18E-03	1.33E-05	4.39E-03	5.59E-03
3584	485863.09	3850377.25	0.0707	0.1047	0.0699	1.08E-03	7.62E-06	1.87E-03	0.002967	1.11E-03	7.50E-06	2.09E-03	0.003201	1.05E-03	9.52E-06	4.00E-03	5.07E-03
3585	486363.09	3850377.25	0.06314	0.10754	0.06608	9.69E-04	7.83E-06	1.77E-03	0.002749	9.90E-04	7.71E-06	1.97E-03	0.002969	9.41E-04	9.78E-06	3.79E-03	4.74E-03
3586	486863.09	3850377.25	0.06009	0.10143	0.06623	9.22E-04	7.38E-06	1.78E-03	0.002706	9.42E-04	7.27E-06	1.98E-03	0.002925	8.95E-04	9.23E-06	3.79E-03	4.70E-03
3587	487363.09	3850377.25	0.05887	0.11845	0.06189	9.03E-04	8.62E-06	1.66E-03	0.002572	9.23E-04	8.49E-06	1.85E-03	0.002778	8.77E-04	1.08E-05	3.55E-03	4.43E-03
3588	487863.09	3850377.25	0.05267	0.09028	0.06086	8.08E-04	6.57E-06	1.63E-03	0.002447	8.26E-04	6.47E-06	1.82E-03	0.002648	7.85E-04	8.21E-06	3.49E-03	4.28E-03
3589	488363.09	3850377.25	0.05044	0.08294	0.0507	7.74E-04	6.04E-06	1.36E-03	0.00214	7.91E-04	5.94E-06	1.51E-03	0.002309	7.51E-04	7.54E-06	2.90E-03	3.66E-03
3590	488863.09	3850377.25	0.04658	0.08694	0.05247	7.15E-04	6.33E-06	1.41E-03	0.002128	7.30E-04	6.23E-06	1.57E-03	0.002302	6.94E-04	7.91E-06	3.01E-03	3.71E-03
3591	489363.09	3850377.25	0.04002	0.07637	0.04868	6.14E-04	5.56E-06	1.31E-03	0.001925	6.27E-04	5.47E-06	1.45E-03	0.002085	5.96E-04	6.95E-06	2.79E-03	3.39E-03
3592	489863.09	3850377.25	0.0376	0.06666	0.04593	5.77E-04	4.85E-06	1.23E-03	0.001814	5.90E-04	4.78E-06	1.37E-03	0.001965	5.60E-04	6.06E-06	2.63E-03	3.20E-03
3593	490363.09	3850377.25	0.03432	0.0777	0.03726	5.27E-04	5.66E-06	9.99E-04	0.001532	5.38E-04	5.57E-06	1.11E-03	0.001655	5.11E-04	7.07E-06	2.13E-03	2.65E-03
3594	490863.09	3850377.25	0.03751	0.09353	0.03843	5.76E-04	6.81E-06	1.03E-03	0.001613	5.88E-04	6.70E-06	1.15E-03	0.001741	5.59E-04	8.51E-06	2.20E-03	2.77E-03
3595	491363.09	3850377.25	0.03826	0.0839	0.03912	5.87E-04	6.11E-06	1.05E-03	0.001642	6.00E-04	6.01E-06	1.17E-03	0.001773	5.70E-04	7.63E-06	2.24E-03	2.82E-03
3596	491863.09	3850377.25	0.03584	0.07732	0.03734	5.50E-04	5.63E-06	1.00E-03	0.001557	5.62E-04	5.54E-06	1.11E-03	0.001681	5.34E-04	7.03E-06	2.14E-03	2.68E-03
3597	492363.09	3850377.25	0.03294	0.07491	0.04081	5.05E-04	5.45E-06	1.09E-03	0.001605	5.16E-04	5.37E-06	1.22E-03	0.001739	4.91E-04	6.81E-06	2.34E-03	2.84E-03
3598	492863.09	3850377.25	0.03951	0.0712	0.04096	6.06E-04	5.18E-06	1.10E-03	0.00171	6.19E-04	5.10E-06	1.22E-03	0.001847	5.89E-04	6.48E-06	2.35E-03	2.94E-03
3599	493363.09	3850377.25	0.03646	0.06356	0.03929	5.59E-04	4.63E-06	1.05E-03	0.001618	5.72E-04	4.55E-06	1.17E-03	0.001748	5.43E-04	5.78E-06	2.25E-03	2.80E-03
3600	493863.09	3850377.25	0.03526	0.06853	0.04074	5.41E-04	4.99E-06	1.09E-03	0.001639	5.53E-04	4.91E-06	1.22E-03	0.001773	5.25E-04	6.23E-06	2.33E-03	2.87E-03
3601	494363.09	3850377.25	0.03675	0.06572	0.04279	5.64E-04	4.78E-06	1.15E-03	0.001716	5.76E-04	4.71E-06	1.28E-03	0.001857	5.47E-04	5.98E-06	2.45E-03	3.00E-03
3602	494863.09	3850377.25	0.0413	0.07994	0.04573	6.34E-04	5.82E-06	1.23E-03	0.001866	6.48E-04	5.73E-06	1.36E-03	0.002018	6.15E-04	7.27E-06	2.62E-03	3.24E-03
3603	495363.09	3850377.25	0.04653	0.07604	0.05076	7.14E-04	5.54E-06	1.36E-03	0.002081	7.30E-04	5.45E-06	1.51E-03	0.002249	6.93E-04	6.92E-06	2.91E-03	3.61E-03
3604	495863.09	3850377.25	0.04467	0.08037	0.04807	6.85E-04	5.85E-06	1.29E-03	0.001981	7.00E-04	5.76E-06	1.43E-03	0.00214	6.65E-04	7.31E-06	2.75E-03	3.43E-03
3605	496363.09	3850377.25	0.04728	0.08567	0.05191	7.26E-04	6.24E-06	1.39E-03	0.002124	7.41E-04	6.14E-06	1.55E-03	0.002296	7.04E-04	7.79E-06	2.97E-03	3.69E-03
3606	496863.09	3850377.25	0.05023	0.08939	0.05434	7.71E-04	6.51E-06	1.46E-03	0.002235	7.88E-04	6.40E-06	1.62E-03	0.002415	7.48E-04	8.13E-06	3.11E-03	3.87E-03
3607	497363.09	3850377.25	0.05136	0.096	0.05508	7.88E-04	6.99E-06	1.48E-03	0.002272	8.05E-04	6.88E-06	1.64E-03	0.002455	7.65E-04	8.73E-06	3.16E-03	3.93E-03
3608	497863.09	3850377.25	0.04883	0.09241	0.05436	7.49E-04	6.73E-06	1.46E-03	0.002214	7.66E-04	6.62E-06	1.62E-03	0.002394	7.27E-04	8.41E-06	3.11E-03	3.85E-03
3609	498363.09	3850377.25	0.0492	0.09306	0.05401	7.55E-04	6.77E-06	1.45E-03	0.00221	7.71E-04	6.67E-06	1.61E-03	0.002389	7.33E-04	8.46E-06	3.09E-03	3.84E-03
3610	471363.09	3850877.25	0.10437	0.14582	0.11021	1.60E-03	1.06E-05	2.96E-03	0.004568	1.64E-03	1.04E-05	3.29E-03	0.004935	1.55E-03	1.33E-05	6.31E-03	7.88E-03
3611	471863.09	3850877.25	0.12226	0.16552	0.12892	1.88E-03	1.20E-05	3.46E-03	0.005346	1.92E-03	1.19E-05	3.85E-03	0.005775	1.82E-03	1.51E-05	7.39E-03	9.22E-03
3612	472363.09	3850877.25	0.15623	0.22881	0.17005	2.40E-03	1.67E-05	4.56E-03	0.006975	2.45E-03	1.64E-05	5.07E-03	0.007539	2.33E-03	2.08E-05	9.74E-03	1.21E-02
3613	472863.09	3850877.25	0.18733	0.26775	0.20862	2.87E-03	1.95E-05	5.60E-03	0.008489	2.94E-03	1.92E-05	6.22E-03	0.00918	2.79E-03	2.44E-05	1.20E-02	1.48E-02
3614	473363.09	3850877.25	0.17663	0.26832	0.1935	2.71E-03	1.95E-05	5.19E-03	0.00792	2.77E-03	1.92E-05	5.77E-03	0.008561	2.63E-03	2.44E-05	1.11E-02	1.37E-02
3615	473863.09	3850877.25	0.21073	0.2787	0.23659	3.23E-03	2.03E-05	6.35E-03	0.009599	3.30E-03	2.00E-05	7.06E-03	0.010382	3.14E-03	2.54E-05	1.36E-02	1.67E-02

3616	474363.09	3850877.25	0.22648	0.35822	0.26714	3.48E-03	2.61E-05	7.16E-03	0.010666	3.55E-03	2.57E-05	7.97E-03	0.011546	3.37E-03	3.26E-05	1.53E-02	1.87E-02
3617	474863.09	3850877.25	0.26748	0.40856	0.29968	4.10E-03	2.97E-05	8.04E-03	0.012172	4.19E-03	2.93E-05	8.94E-03	0.013163	3.98E-03	3.72E-05	1.72E-02	2.12E-02
3618	475363.09	3850877.25	0.33103	0.39878	0.38101	5.08E-03	2.90E-05	1.02E-02	0.015328	5.19E-03	2.86E-05	1.14E-02	0.016585	4.93E-03	3.63E-05	2.18E-02	2.68E-02
3619	475863.09	3850877.25	0.35776	0.45623	0.41264	5.49E-03	3.32E-05	1.11E-02	0.01659	5.61E-03	3.27E-05	1.23E-02	0.017952	5.33E-03	4.15E-05	2.36E-02	2.90E-02
3620	476363.09	3850877.25	0.37037	0.60175	0.45555	5.68E-03	4.38E-05	1.22E-02	0.017945	5.81E-03	4.31E-05	1.36E-02	0.01944	5.52E-03	5.47E-05	2.61E-02	3.17E-02
3621	476863.09	3850877.25	0.43522	0.56875	0.52068	6.68E-03	4.14E-05	1.40E-02	0.020685	6.82E-03	4.08E-05	1.55E-02	0.022398	6.48E-03	5.17E-05	2.98E-02	3.64E-02
3622	477363.09	3850877.25	0.42272	0.70278	0.4876	6.49E-03	5.12E-05	1.31E-02	0.019616	6.63E-03	5.04E-05	1.45E-02	0.021224	6.30E-03	6.39E-05	2.79E-02	3.43E-02
3623	477863.09	3850877.25	0.42438	0.67163	0.51286	6.51E-03	4.89E-05	1.38E-02	0.020316	6.65E-03	4.81E-05	1.53E-02	0.022002	6.32E-03	6.11E-05	2.94E-02	3.58E-02
3624	478363.09	3850877.25	0.45103	0.59831	0.49962	6.92E-03	4.36E-05	1.34E-02	0.020365	7.07E-03	4.29E-05	1.49E-02	0.022019	6.72E-03	5.44E-05	2.86E-02	3.54E-02
3625	478863.09	3850877.25	0.47516	0.6143	0.51956	7.29E-03	4.47E-05	1.39E-02	0.021271	7.45E-03	4.40E-05	1.55E-02	0.022994	7.08E-03	5.59E-05	2.98E-02	3.69E-02
3626	479363.09	3850877.25	0.57881	0.86113	0.70407	8.88E-03	6.27E-05	1.89E-02	0.027828	9.08E-03	6.17E-05	2.10E-02	0.030141	8.62E-03	7.83E-05	4.03E-02	4.90E-02
3627	479863.09	3850877.25	0.62646	0.92104	0.77301	9.61E-03	6.70E-05	2.07E-02	0.030413	9.82E-03	6.60E-05	2.31E-02	0.032949	9.33E-03	8.38E-05	4.43E-02	5.37E-02
3628	480363.09	3850877.25	0.55193	0.83406	0.68243	8.47E-03	6.07E-05	1.83E-02	0.026833	8.65E-03	5.98E-05	2.04E-02	0.029072	8.22E-03	7.59E-05	3.91E-02	4.74E-02
3629	480863.09	3850877.25	0.49523	0.86808	0.54333	7.60E-03	6.32E-05	1.46E-02	0.022235	7.76E-03	6.22E-05	1.62E-02	0.024036	7.38E-03	7.90E-05	3.11E-02	3.86E-02
3630	481363.09	3850877.25	0.43237	0.67811	0.45282	6.63E-03	4.94E-05	1.21E-02	0.018829	6.78E-03	4.86E-05	1.35E-02	0.020336	6.44E-03	6.17E-05	2.59E-02	3.24E-02
3631	481863.09	3850877.25	0.34435	0.40529	0.31773	5.28E-03	2.95E-05	8.52E-03	0.013835	5.40E-03	2.90E-05	9.48E-03	0.014907	5.13E-03	3.69E-05	1.82E-02	2.34E-02
3632	482363.09	3850877.25	0.19286	0.27223	0.18832	2.96E-03	1.98E-05	5.05E-03	0.00803	3.02E-03	1.95E-05	5.62E-03	0.008661	2.87E-03	2.48E-05	1.08E-02	1.37E-02
3633	482863.09	3850877.25	0.11885	0.16553	0.12382	1.82E-03	1.20E-05	3.32E-03	0.005157	1.86E-03	1.19E-05	3.69E-03	0.005569	1.77E-03	1.51E-05	7.09E-03	8.88E-03
3634	483363.09	3850877.25	0.10329	0.13946	0.11898	1.59E-03	1.02E-05	3.19E-03	0.004786	1.62E-03	9.99E-06	3.55E-03	0.005179	1.54E-03	1.27E-05	6.82E-03	8.37E-03
3635	483863.09	3850877.25	0.09076	0.13157	0.09405	1.39E-03	9.58E-06	2.52E-03	0.003925	1.42E-03	9.43E-06	2.81E-03	0.004238	1.35E-03	1.20E-05	5.39E-03	6.75E-03
3636	484363.09	3850877.25	0.09603	0.15607	0.10313	1.47E-03	1.14E-05	2.77E-03	0.004251	1.51E-03	1.12E-05	3.08E-03	0.004593	1.43E-03	1.42E-05	5.91E-03	7.35E-03
3637	484863.09	3850877.25	0.09006	0.1342	0.10062	1.38E-03	9.77E-06	2.70E-03	0.00409	1.41E-03	9.62E-06	3.00E-03	0.004423	1.34E-03	1.22E-05	5.76E-03	7.12E-03
3638	485363.09	3850877.25	0.08921	0.15995	0.0897	1.37E-03	1.16E-05	2.41E-03	0.003786	1.40E-03	1.15E-05	2.68E-03	0.004086	1.33E-03	1.45E-05	5.14E-03	6.48E-03
3639	485863.09	3850877.25	0.07806	0.14151	0.07917	1.20E-03	1.03E-05	2.12E-03	0.003332	1.22E-03	1.01E-05	2.36E-03	0.003596	1.16E-03	1.29E-05	4.54E-03	5.71E-03
3640	486363.09	3850877.25	0.07373	0.1139	0.07742	1.13E-03	8.29E-06	2.08E-03	0.003216	1.16E-03	8.16E-06	2.31E-03	0.003474	1.10E-03	1.04E-05	4.43E-03	5.54E-03
3641	486863.09	3850877.25	0.0689	0.12667	0.07188	1.06E-03	9.22E-06	1.93E-03	0.002994	1.08E-03	9.08E-06	2.14E-03	0.003234	1.03E-03	1.15E-05	4.12E-03	5.16E-03
3642	487363.09	3850877.25	0.06364	0.11443	0.06682	9.77E-04	8.33E-06	1.79E-03	0.002777	9.98E-04	8.20E-06	1.99E-03	0.002999	9.48E-04	1.04E-05	3.83E-03	4.79E-03
3643	487863.09	3850877.25	0.06115	0.09784	0.06443	9.38E-04	7.12E-06	1.73E-03	0.002674	9.59E-04	7.01E-06	1.92E-03	0.002888	9.11E-04	8.90E-06	3.69E-03	4.61E-03
3644	488363.09	3850877.25	0.05246	0.1009	0.06047	8.05E-04	7.34E-06	1.62E-03	0.002434	8.23E-04	7.23E-06	1.80E-03	0.002634	7.82E-04	9.18E-06	3.46E-03	4.25E-03
3645	488863.09	3850877.25	0.04886	0.0909	0.05757	7.50E-04	6.62E-06	1.54E-03	0.0023	7.66E-04	6.51E-06	1.72E-03	0.00249	7.28E-04	8.27E-06	3.30E-03	4.03E-03
3646	489363.09	3850877.25	0.04684	0.08844	0.04803	7.19E-04	6.44E-06	1.29E-03	0.002013	7.34E-04	6.34E-06	1.43E-03	0.002174	6.98E-04	8.04E-06	2.75E-03	3.46E-03
3647	489863.09	3850877.25	0.04702	0.11446	0.04802	7.22E-04	8.33E-06	1.29E-03	0.002018	7.37E-04	8.20E-06	1.43E-03	0.002178	7.00E-04	1.04E-05	2.75E-03	3.46E-03
3648	490363.09	3850877.25	0.04895	0.11105	0.05166	7.51E-04	8.08E-06	1.39E-03	0.002145	7.67E-04	7.96E-06	1.54E-03	0.002317	7.29E-04	1.01E-05	2.96E-03	3.70E-03
3649	490863.09	3850877.25	0.04972	0.10962	0.0506	7.63E-04	7.98E-06	1.36E-03	0.002128	7.80E-04	7.85E-06	1.51E-03	0.002297	7.41E-04	9.97E-06	2.90E-03	3.65E-03
3650	491363.09	3850877.25	0.04484	0.10448	0.05322	6.88E-04	7.61E-06	1.43E-03	0.002123	7.03E-04	7.49E-06	1.59E-03	0.002298	6.68E-04	9.50E-06	3.05E-03	3.73E-03
3651	491863.09	3850877.25	0.0434	0.09912	0.05159	6.66E-04	7.22E-06	1.38E-03	0.002057	6.80E-04	7.10E-06	1.54E-03	0.002227	6.47E-04	9.02E-06	2.96E-03	3.61E-03
3652	492363.09	3850877.25	0.04735	0.08811	0.04974	7.27E-04	6.41E-06	1.33E-03	0.002067	7.42E-04	6.31E-06	1.48E-03	0.002233	7.05E-04	8.01E-06	2.85E-03	3.56E-03
3653	492863.09	3850877.25	0.04258	0.0803	0.04837	6.53E-04	5.85E-06	1.30E-03	0.001957	6.68E-04	5.75E-06	1.44E-03	0.002116	6.34E-04	7.30E-06	2.77E-03	3.41E-03
3654	493363.09	3850877.25	0.0444	0.08698	0.04787	6.81E-04	6.33E-06	1.28E-03	0.001972	6.96E-04	6.23E-06	1.43E-03	0.00213	6.61E-04	7.91E-06	2.74E-03	3.41E-03
3655	493863.09	3850877.25	0.04724	0.08788	0.05142	7.25E-04	6.40E-06	1.38E-03	0.00211	7.41E-04	6.30E-06	1.53E-03	0.002281	7.04E-04	7.99E-06	2.95E-03	3.66E-03
3656	494363.09	3850877.25	0.05081	0.0935	0.05266	7.80E-04	6.81E-06	1.41E-03	0.002199	7.97E-04	6.70E-06	1.57E-03	0.002374	7.57E-04	8.50E-06	3.02E-03	3.78E-03
3657	494863.09	3850877.25	0.05215	0.10007	0.05533	8.00E-04	7.28E-06	1.48E-03	0.002292	8.18E-04	7.17E-06	1.65E-03	0.002475	7.77E-04	9.10E-06	3.17E-03	3.96E-03
3658	495363.09	3850877.25	0.05426	0.09792	0.05811	8.33E-04	7.13E-06	1.56E-03	0.002398	8.51E-04	7.02E-06	1.73E-03	0.002591	8.08E-04	8.91E-06	3.33E-03	4.15E-03
3659	495863.09	3850877.25	0.05453	0.09897	0.05756	8.37E-04	7.20E-06	1.54E-03	0.002388	8.55E-04	7.09E-06	1.72E-03	0.002579	8.12E-04	9.00E-06	3.30E-03	4.12E-03
3660	496363.09	3850877.25	0.05447	0.10466	0.05761	8.36E-04	7.62E-06	1.55E-03	0.002389	8.54E-04	7.50E-06	1.72E-03	0.00258	8.11E-04	9.52E-06	3.30E-03	4.12E-03
3661	496863.09	3850877.25	0.059	0.10917	0.06304	9.05E-04	7.95E-06	1.69E-03	0.002604	9.25E-04	7.82E-06	1.88E-03	0.002814	8.79E-04	9.93E-06	3.61E-03	4.50E-03
3662	497363.09	3850877.25	0.06005	0.10289	0.06145	9.21E-04	7.49E-06	1.65E-03	0.002577	9.42E-04	7.37E-06	1.83E-03	0.002782	8.95E-04	9.36E-06	3.52E-03	4.42E-03

3663	497863.09	3850877.25	0.05831	0.09843	0.0597	8.95E-04	7.16E-06	1.60E-03	0.002503	9.14E-04	7.05E-06	1.78E-03	0.002702	8.69E-04	8.95E-06	3.42E-03	4.30E-03
3664	498363.09	3850877.25	0.05433	0.09495	0.05874	8.34E-04	6.91E-06	1.58E-03	0.002416	8.52E-04	6.80E-06	1.75E-03	0.002611	8.09E-04	8.64E-06	3.36E-03	4.18E-03
3665	471363.09	3851377.25	0.11247	0.14169	0.12427	1.73E-03	1.03E-05	3.33E-03	0.005069	1.76E-03	1.02E-05	3.71E-03	0.005481	1.68E-03	1.29E-05	7.12E-03	8.81E-03
3666	471863.09	3851377.25	0.1353	0.21679	0.14682	2.08E-03	1.58E-05	3.94E-03	0.00603	2.12E-03	1.55E-05	4.38E-03	0.006517	2.02E-03	1.97E-05	8.41E-03	1.04E-02
3667	472363.09	3851377.25	0.14025	0.20931	0.16103	2.15E-03	1.52E-05	4.32E-03	0.006486	2.20E-03	1.50E-05	4.80E-03	0.007018	2.09E-03	1.90E-05	9.22E-03	1.13E-02
3668	472863.09	3851377.25	0.14905	0.22625	0.1556	2.29E-03	1.65E-05	4.17E-03	0.006477	2.34E-03	1.62E-05	4.64E-03	0.006995	2.22E-03	2.06E-05	8.91E-03	1.12E-02
3669	473363.09	3851377.25	0.14273	0.18743	0.1486	2.19E-03	1.36E-05	3.99E-03	0.006189	2.24E-03	1.34E-05	4.43E-03	0.006684	2.13E-03	1.70E-05	8.51E-03	1.07E-02
3670	473863.09	3851377.25	0.15141	0.22801	0.16389	2.32E-03	1.66E-05	4.40E-03	0.006736	2.37E-03	1.63E-05	4.89E-03	0.00728	2.26E-03	2.07E-05	9.39E-03	1.17E-02
3671	474363.09	3851377.25	0.20173	0.29237	0.22301	3.10E-03	2.13E-05	5.98E-03	0.009098	3.16E-03	2.09E-05	6.65E-03	0.009837	3.01E-03	2.66E-05	1.28E-02	1.58E-02
3672	474863.09	3851377.25	0.24263	0.33191	0.26416	3.72E-03	2.42E-05	7.08E-03	0.010832	3.80E-03	2.38E-05	7.88E-03	0.011709	3.61E-03	3.02E-05	1.51E-02	1.88E-02
3673	475363.09	3851377.25	0.25125	0.41682	0.29091	3.86E-03	3.03E-05	7.80E-03	0.011688	3.94E-03	2.99E-05	8.68E-03	0.012648	3.74E-03	3.79E-05	1.67E-02	2.04E-02
3674	475863.09	3851377.25	0.29381	0.48826	0.34854	4.51E-03	3.55E-05	9.35E-03	0.013892	4.61E-03	3.50E-05	1.04E-02	0.015039	4.38E-03	4.44E-05	2.00E-02	2.44E-02
3675	476363.09	3851377.25	0.37746	0.48034	0.42877	5.79E-03	3.50E-05	1.15E-02	0.017327	5.92E-03	3.44E-05	1.28E-02	0.018744	5.62E-03	4.37E-05	2.46E-02	3.02E-02
3676	476863.09	3851377.25	0.40829	0.53714	0.45089	6.27E-03	3.91E-05	1.21E-02	0.018397	6.40E-03	3.85E-05	1.35E-02	0.019891	6.08E-03	4.89E-05	2.58E-02	3.20E-02
3677	477363.09	3851377.25	0.43423	0.68366	0.52044	6.66E-03	4.98E-05	1.40E-02	0.020672	6.81E-03	4.90E-05	1.55E-02	0.022383	6.47E-03	6.22E-05	2.98E-02	3.63E-02
3678	477863.09	3851377.25	0.48459	0.72379	0.57897	7.44E-03	5.27E-05	1.55E-02	0.023017	7.60E-03	5.19E-05	1.73E-02	0.024922	7.22E-03	6.58E-05	3.32E-02	4.05E-02
3679	478363.09	3851377.25	0.49961	0.72223	0.60614	7.67E-03	5.26E-05	1.63E-02	0.023976	7.83E-03	5.17E-05	1.81E-02	0.025968	7.44E-03	6.57E-05	3.47E-02	4.22E-02
3680	478863.09	3851377.25	0.49108	0.71834	0.55483	7.54E-03	5.23E-05	1.49E-02	0.022469	7.70E-03	5.15E-05	1.66E-02	0.024303	7.32E-03	6.53E-05	3.18E-02	3.92E-02
3681	479363.09	3851377.25	0.50686	0.75164	0.56362	7.78E-03	5.47E-05	1.51E-02	0.022949	7.95E-03	5.39E-05	1.68E-02	0.024815	7.55E-03	6.84E-05	3.23E-02	3.99E-02
3682	479863.09	3851377.25	0.61679	0.97544	0.77665	9.46E-03	7.10E-05	2.08E-02	0.030366	9.67E-03	6.99E-05	2.32E-02	0.03291	9.19E-03	8.87E-05	4.45E-02	5.38E-02
3683	480363.09	3851377.25	0.62952	1.03569	0.83385	9.66E-03	7.54E-05	2.24E-02	0.0321	9.87E-03	7.42E-05	2.49E-02	0.03482	9.38E-03	9.42E-05	4.78E-02	5.72E-02
3684	480863.09	3851377.25	0.59941	0.9191	0.72699	9.20E-03	6.69E-05	1.95E-02	0.028763	9.40E-03	6.59E-05	2.17E-02	0.031152	8.93E-03	8.36E-05	4.16E-02	5.07E-02
3685	481363.09	3851377.25	0.55367	1.08532	0.62083	8.50E-03	7.90E-05	1.67E-02	0.025226	8.68E-03	7.78E-05	1.85E-02	0.02728	8.25E-03	9.87E-05	3.56E-02	4.39E-02
3686	481863.09	3851377.25	0.47946	0.75328	0.48057	7.36E-03	5.48E-05	1.29E-02	0.020301	7.52E-03	5.40E-05	1.43E-02	0.021908	7.14E-03	6.85E-05	2.75E-02	3.47E-02
3687	482363.09	3851377.25	0.3637	0.55722	0.37476	5.58E-03	4.06E-05	1.01E-02	0.015673	5.70E-03	3.99E-05	1.12E-02	0.016922	5.42E-03	5.07E-05	2.15E-02	2.69E-02
3688	482863.09	3851377.25	0.18652	0.25479	0.23354	2.86E-03	1.85E-05	6.26E-03	0.009144	2.92E-03	1.83E-05	6.97E-03	0.00991	2.78E-03	2.32E-05	1.34E-02	1.62E-02
3689	483363.09	3851377.25	0.12607	0.21884	0.13988	1.93E-03	1.59E-05	3.75E-03	0.005702	1.98E-03	1.57E-05	4.17E-03	0.006165	1.88E-03	1.99E-05	8.01E-03	9.91E-03
3690	483863.09	3851377.25	0.11953	0.16063	0.12215	1.83E-03	1.17E-05	3.28E-03	0.005122	1.87E-03	1.15E-05	3.64E-03	0.00553	1.78E-03	1.46E-05	7.00E-03	8.79E-03
3691	484363.09	3851377.25	0.12522	0.20563	0.15111	1.92E-03	1.50E-05	4.05E-03	0.005989	1.96E-03	1.47E-05	4.51E-03	0.006486	1.87E-03	1.87E-05	8.66E-03	1.05E-02
3692	484863.09	3851377.25	0.09304	0.14751	0.09914	1.43E-03	1.07E-05	2.66E-03	0.004097	1.46E-03	1.06E-05	2.96E-03	0.004427	1.39E-03	1.34E-05	5.68E-03	7.08E-03
3693	485363.09	3851377.25	0.10823	0.17338	0.10806	1.66E-03	1.26E-05	2.90E-03	0.004572	1.70E-03	1.24E-05	3.22E-03	0.004933	1.61E-03	1.58E-05	6.19E-03	7.82E-03
3694	485863.09	3851377.25	0.08793	0.15975	0.09243	1.35E-03	1.16E-05	2.48E-03	0.00384	1.38E-03	1.14E-05	2.76E-03	0.004148	1.31E-03	1.45E-05	5.29E-03	6.62E-03
3695	486363.09	3851377.25	0.09058	0.1725	0.09458	1.39E-03	1.26E-05	2.54E-03	0.003939	1.42E-03	1.24E-05	2.82E-03	0.004254	1.35E-03	1.57E-05	5.42E-03	6.78E-03
3696	486863.09	3851377.25	0.08039	0.15014	0.07992	1.23E-03	1.09E-05	2.14E-03	0.003388	1.26E-03	1.08E-05	2.38E-03	0.003655	1.20E-03	1.37E-05	4.58E-03	5.79E-03
3697	487363.09	3851377.25	0.06815	0.13213	0.06986	1.05E-03	9.62E-06	1.87E-03	0.002929	1.07E-03	9.47E-06	2.08E-03	0.003162	1.02E-03	1.20E-05	4.00E-03	5.03E-03
3698	487863.09	3851377.25	0.06617	0.12098	0.07511	1.02E-03	8.81E-06	2.01E-03	0.003039	1.04E-03	8.67E-06	2.24E-03	0.003287	9.86E-04	1.10E-05	4.30E-03	5.30E-03
3699	488363.09	3851377.25	0.06558	0.12756	0.06563	1.01E-03	9.29E-06	1.76E-03	0.002776	1.03E-03	9.14E-06	1.96E-03	0.002995	9.77E-04	1.16E-05	3.76E-03	4.75E-03
3700	488863.09	3851377.25	0.06	0.12608	0.06476	9.21E-04	9.18E-06	1.74E-03	0.002667	9.41E-04	9.03E-06	1.93E-03	0.002882	8.94E-04	1.15E-05	3.71E-03	4.62E-03
3701	489363.09	3851377.25	0.05739	0.14668	0.06023	8.81E-04	1.07E-05	1.62E-03	0.002507	9.00E-04	1.05E-05	1.80E-03	0.002707	8.55E-04	1.33E-05	3.45E-03	4.32E-03
3702	489863.09	3851377.25	0.06168	0.13533	0.06561	9.46E-04	9.85E-06	1.76E-03	0.002716	9.67E-04	9.70E-06	1.96E-03	0.002934	9.19E-04	1.23E-05	3.76E-03	4.69E-03
3703	490363.09	3851377.25	0.06112	0.13973	0.06601	9.38E-04	1.02E-05	1.77E-03	0.002718	9.58E-04	1.00E-05	1.97E-03	0.002938	9.11E-04	1.27E-05	3.78E-03	4.70E-03
3704	490863.09	3851377.25	0.05865	0.13203	0.06357	9.00E-04	9.61E-06	1.70E-03	0.002615	9.20E-04	9.46E-06	1.90E-03	0.002825	8.74E-04	1.20E-05	3.64E-03	4.53E-03
3705	491363.09	3851377.25	0.05914	0.12097	0.0613	9.08E-04	8.81E-06	1.64E-03	0.00256	9.27E-04	8.67E-06	1.83E-03	0.002765	8.81E-04	1.10E-05	3.51E-03	4.40E-03
3706	491863.09	3851377.25	0.05621	0.11183	0.0594	8.63E-04	8.14E-06	1.59E-03	0.002464	8.81E-04	8.01E-06	1.77E-03	0.002661	8.37E-04	1.02E-05	3.40E-03	4.25E-03
3707	492363.09	3851377.25	0.05715	0.12137	0.05948	8.77E-04	8.83E-06	1.60E-03	0.002481	8.96E-04	8.70E-06	1.77E-03	0.002679	8.51E-04	1.10E-05	3.41E-03	4.27E-03
3708	492863.09	3851377.25	0.05524	0.10856	0.05625	8.48E-04	7.90E-06	1.51E-03	0.002364	8.66E-04	7.78E-06	1.68E-03	0.002552	8.23E-04	9.87E-06	3.22E-03	4.06E-03
3709	493363.09	3851377.25	0.04884	0.09675	0.05187	7.49E-04	7.04E-06	1.39E-03	0.002148	7.66E-04	6.93E-06	1.55E-03	0.00232	7.28E-04	8.80E-06	2.97E-03	3.71E-03

3710	493863.09	3851377.25	0.05283	0.10098	0.05602	8.11E-04	7.35E-06	1.50E-03	0.002321	8.28E-04	7.24E-06	1.67E-03	0.002507	7.87E-04	9.19E-06	3.21E-03	4.01E-03
3711	494363.09	3851377.25	0.05806	0.10523	0.06165	8.91E-04	7.66E-06	1.65E-03	0.002552	9.10E-04	7.54E-06	1.84E-03	0.002757	8.65E-04	9.57E-06	3.53E-03	4.41E-03
3712	494863.09	3851377.25	0.05878	0.11217	0.06237	9.02E-04	8.17E-06	1.67E-03	0.002583	9.22E-04	8.04E-06	1.86E-03	0.00279	8.76E-04	1.02E-05	3.57E-03	4.46E-03
3713	495363.09	3851377.25	0.06377	0.12726	0.07041	9.79E-04	9.26E-06	1.89E-03	0.002876	1.00E-03	9.12E-06	2.10E-03	0.003109	9.50E-04	1.16E-05	4.03E-03	4.99E-03
3714	495863.09	3851377.25	0.06461	0.12931	0.07287	9.91E-04	9.41E-06	1.95E-03	0.002955	1.01E-03	9.27E-06	2.17E-03	0.003196	9.63E-04	1.18E-05	4.17E-03	5.15E-03
3715	496363.09	3851377.25	0.06719	0.12621	0.07479	1.03E-03	9.19E-06	2.01E-03	0.003046	1.05E-03	9.04E-06	2.23E-03	0.003294	1.00E-03	1.15E-05	4.28E-03	5.30E-03
3716	496863.09	3851377.25	0.06949	0.12282	0.07619	1.07E-03	8.94E-06	2.04E-03	0.003119	1.09E-03	8.80E-06	2.27E-03	0.003371	1.04E-03	1.12E-05	4.36E-03	5.41E-03
3717	497363.09	3851377.25	0.07149	0.12526	0.06869	1.10E-03	9.12E-06	1.84E-03	0.002948	1.12E-03	8.98E-06	2.05E-03	0.003179	1.06E-03	1.14E-05	3.93E-03	5.01E-03
3718	497863.09	3851377.25	0.06738	0.11792	0.06912	1.03E-03	8.58E-06	1.85E-03	0.002896	1.06E-03	8.45E-06	2.06E-03	0.003127	1.00E-03	1.07E-05	3.96E-03	4.97E-03
3719	498363.09	3851377.25	0.06324	0.11501	0.06627	9.70E-04	8.37E-06	1.78E-03	0.002756	9.92E-04	8.24E-06	1.98E-03	0.002977	9.42E-04	1.05E-05	3.80E-03	4.75E-03
3720	471363.09	3851877.25	0.12146	0.16216	0.13527	1.86E-03	1.18E-05	3.63E-03	0.005504	1.90E-03	1.16E-05	4.04E-03	0.005951	1.81E-03	1.48E-05	7.75E-03	9.57E-03
3721	471863.09	3851877.25	0.11835	0.15189	0.13081	1.82E-03	1.11E-05	3.51E-03	0.005336	1.86E-03	1.09E-05	3.90E-03	0.005769	1.76E-03	1.38E-05	7.49E-03	9.27E-03
3722	472363.09	3851877.25	0.1346	0.20649	0.14455	2.07E-03	1.50E-05	3.88E-03	0.005957	2.11E-03	1.48E-05	4.31E-03	0.006437	2.01E-03	1.88E-05	8.28E-03	1.03E-02
3723	472863.09	3851877.25	0.14317	0.23759	0.15443	2.20E-03	1.73E-05	4.14E-03	0.006356	2.24E-03	1.70E-05	4.61E-03	0.006869	2.13E-03	2.16E-05	8.85E-03	1.10E-02
3724	473363.09	3851877.25	0.13577	0.19946	0.1485	2.08E-03	1.45E-05	3.98E-03	0.006081	2.13E-03	1.43E-05	4.43E-03	0.006573	2.02E-03	1.81E-05	8.51E-03	1.05E-02
3725	473863.09	3851877.25	0.1399	0.21077	0.15025	2.15E-03	1.53E-05	4.03E-03	0.006192	2.19E-03	1.51E-05	4.48E-03	0.006691	2.08E-03	1.92E-05	8.61E-03	1.07E-02
3726	474363.09	3851877.25	0.17665	0.26111	0.19225	2.71E-03	1.90E-05	5.16E-03	0.007886	2.77E-03	1.87E-05	5.74E-03	0.008524	2.63E-03	2.38E-05	1.10E-02	1.37E-02
3727	474863.09	3851877.25	0.21753	0.33363	0.23223	3.34E-03	2.43E-05	6.23E-03	0.009591	3.41E-03	2.39E-05	6.93E-03	0.010363	3.24E-03	3.03E-05	1.33E-02	1.66E-02
3728	475363.09	3851877.25	0.25016	0.36951	0.26458	3.84E-03	2.69E-05	7.10E-03	0.010962	3.92E-03	2.65E-05	7.89E-03	0.011842	3.73E-03	3.36E-05	1.52E-02	1.89E-02
3729	475863.09	3851877.25	0.27064	0.44624	0.28403	4.15E-03	3.25E-05	7.62E-03	0.011803	4.24E-03	3.20E-05	8.47E-03	0.012749	4.03E-03	4.06E-05	1.63E-02	2.03E-02
3730	476363.09	3851877.25	0.264	0.41672	0.2918	4.05E-03	3.03E-05	7.83E-03	0.011908	4.14E-03	2.99E-05	8.71E-03	0.012874	3.93E-03	3.79E-05	1.67E-02	2.07E-02
3731	476863.09	3851877.25	0.32475	0.53571	0.36587	4.98E-03	3.90E-05	9.81E-03	0.014835	5.09E-03	3.84E-05	1.09E-02	0.016045	4.84E-03	4.87E-05	2.10E-02	2.58E-02
3732	477363.09	3851877.25	0.41983	0.54488	0.47342	6.44E-03	3.97E-05	1.27E-02	0.019179	6.58E-03	3.90E-05	1.41E-02	0.020745	6.25E-03	4.96E-05	2.71E-02	3.34E-02
3733	477863.09	3851877.25	0.47573	0.64078	0.55579	7.30E-03	4.66E-05	1.49E-02	0.022253	7.46E-03	4.59E-05	1.66E-02	0.024085	7.09E-03	5.83E-05	3.18E-02	3.90E-02
3734	478363.09	3851877.25	0.52309	0.76782	0.6408	8.03E-03	5.59E-05	1.72E-02	0.025269	8.20E-03	5.50E-05	1.91E-02	0.027373	7.79E-03	6.98E-05	3.67E-02	4.46E-02
3735	478863.09	3851877.25	0.5629	0.9096	0.6346	8.64E-03	6.62E-05	1.70E-02	0.025724	8.83E-03	6.52E-05	1.89E-02	0.027823	8.39E-03	8.27E-05	3.64E-02	4.48E-02
3736	479363.09	3851877.25	0.5545	0.944	0.65106	8.51E-03	6.87E-05	1.75E-02	0.026039	8.69E-03	6.76E-05	1.94E-02	0.028184	8.26E-03	8.59E-05	3.73E-02	4.56E-02
3737	479863.09	3851877.25	0.54483	0.91109	0.60191	8.36E-03	6.63E-05	1.61E-02	0.02457	8.54E-03	6.53E-05	1.80E-02	0.026564	8.12E-03	8.29E-05	3.45E-02	4.27E-02
3738	480363.09	3851877.25	0.6916	1.08757	0.82388	1.06E-02	7.92E-05	2.21E-02	0.032789	1.08E-02	7.79E-05	2.46E-02	0.0355	1.03E-02	9.89E-05	4.72E-02	5.76E-02
3739	480863.09	3851877.25	0.69124	1.10901	0.88638	1.06E-02	8.07E-05	2.38E-02	0.034461	1.08E-02	7.95E-05	2.64E-02	0.03736	1.03E-02	1.01E-04	5.08E-02	6.12E-02
3740	481363.09	3851877.25	0.66452	1.15561	0.77923	1.02E-02	8.41E-05	2.09E-02	0.031181	1.04E-02	8.28E-05	2.32E-02	0.033748	9.90E-03	1.05E-04	4.46E-02	5.46E-02
3741	481863.09	3851877.25	0.62061	1.04818	0.66249	9.52E-03	7.63E-05	1.78E-02	0.027368	9.73E-03	7.51E-05	1.98E-02	0.029569	9.25E-03	9.53E-05	3.80E-02	4.73E-02
3742	482363.09	3851877.25	0.43572	0.51149	0.41252	6.69E-03	3.72E-05	1.11E-02	0.017787	6.83E-03	3.66E-05	1.23E-02	0.019175	6.49E-03	4.65E-05	2.36E-02	3.02E-02
3743	482863.09	3851877.25	0.21398	0.31678	0.23997	3.28E-03	2.31E-05	6.44E-03	0.009743	3.36E-03	2.27E-05	7.16E-03	0.010537	3.19E-03	2.88E-05	1.37E-02	1.70E-02
3744	483363.09	3851877.25	0.20465	0.32474	0.2211	3.14E-03	2.36E-05	5.93E-03	0.009094	3.21E-03	2.33E-05	6.60E-03	0.009828	3.05E-03	2.95E-05	1.27E-02	1.57E-02
3745	483863.09	3851877.25	0.18139	0.24047	0.16791	2.78E-03	1.75E-05	4.50E-03	0.007304	2.84E-03	1.72E-05	5.01E-03	0.00787	2.70E-03	2.19E-05	9.62E-03	1.23E-02
3746	484363.09	3851877.25	0.19726	0.28483	0.18483	3.03E-03	2.07E-05	4.96E-03	0.008005	3.09E-03	2.04E-05	5.51E-03	0.008627	2.94E-03	2.59E-05	1.06E-02	1.36E-02
3747	484863.09	3851877.25	0.12736	0.2195	0.14631	1.95E-03	1.60E-05	3.92E-03	0.005894	2.00E-03	1.57E-05	4.36E-03	0.006377	1.90E-03	2.00E-05	8.38E-03	1.03E-02
3748	485363.09	3851877.25	0.12689	0.20197	0.12447	1.95E-03	1.47E-05	3.34E-03	0.0053	1.99E-03	1.45E-05	3.71E-03	0.005717	1.89E-03	1.84E-05	7.13E-03	9.04E-03
3749	485863.09	3851877.25	0.13538	0.26131	0.12573	2.08E-03	1.90E-05	3.37E-03	0.005469	2.12E-03	1.87E-05	3.75E-03	0.005892	2.02E-03	2.38E-05	7.20E-03	9.24E-03
3750	486363.09	3851877.25	0.10004	0.18674	0.10753	1.54E-03	1.36E-05	2.88E-03	0.004433	1.57E-03	1.34E-05	3.21E-03	0.00479	1.49E-03	1.70E-05	6.16E-03	7.67E-03
3751	486863.09	3851877.25	0.09552	0.16535	0.09429	1.47E-03	1.20E-05	2.53E-03	0.004007	1.50E-03	1.18E-05	2.81E-03	0.004322	1.42E-03	1.50E-05	5.40E-03	6.84E-03
3752	487363.09	3851877.25	0.0895	0.15933	0.09619	1.37E-03	1.16E-05	2.58E-03	0.003965	1.40E-03	1.14E-05	2.87E-03	0.004284	1.33E-03	1.45E-05	5.51E-03	6.86E-03
3753	487863.09	3851877.25	0.06799	0.14135	0.07794	1.04E-03	1.03E-05	2.09E-03	0.003144	1.07E-03	1.01E-05	2.33E-03	0.003401	1.01E-03	1.29E-05	4.46E-03	5.49E-03
3754	488363.09	3851877.25	0.06693	0.17494	0.07197	1.03E-03	1.27E-05	1.93E-03	0.00297	1.05E-03	1.25E-05	2.15E-03	0.003209	9.97E-04	1.59E-05	4.12E-03	5.14E-03
3755	488863.09	3851877.25	0.06752	0.15756	0.07364	1.04E-03	1.15E-05	1.98E-03	0.003023	1.06E-03	1.13E-05	2.20E-03	0.003267	1.01E-03	1.43E-05	4.22E-03	5.24E-03
3756	489363.09	3851877.25	0.06526	0.14756	0.07562	1.00E-03	1.07E-05	2.03E-03	0.00304	1.02E-03	1.06E-05	2.26E-03	0.00329	9.72E-04	1.34E-05	4.33E-03	5.32E-03

3757	489863.09	3851877.25	0.06533	0.14718	0.07279	1.00E-03	1.07E-05	1.95E-03	0.002965	1.02E-03	1.05E-05	2.17E-03	0.003206	9.73E-04	1.34E-05	4.17E-03	5.16E-03
3758	490363.09	3851877.25	0.06432	0.14288	0.0686	9.87E-04	1.04E-05	1.84E-03	0.002837	1.01E-03	1.02E-05	2.05E-03	0.003065	9.58E-04	1.30E-05	3.93E-03	4.90E-03
3759	490863.09	3851877.25	0.06224	0.14722	0.07013	9.55E-04	1.07E-05	1.88E-03	0.002847	9.76E-04	1.05E-05	2.09E-03	0.003079	9.27E-04	1.34E-05	4.02E-03	4.96E-03
3760	491363.09	3851877.25	0.06762	0.14154	0.06941	1.04E-03	1.03E-05	1.86E-03	0.00291	1.06E-03	1.01E-05	2.07E-03	0.003141	1.01E-03	1.29E-05	3.98E-03	5.00E-03
3761	491863.09	3851877.25	0.06892	0.14839	0.07216	1.06E-03	1.08E-05	1.94E-03	0.003004	1.08E-03	1.06E-05	2.15E-03	0.003244	1.03E-03	1.35E-05	4.13E-03	5.17E-03
3762	492363.09	3851877.25	0.06624	0.15262	0.06702	1.02E-03	1.11E-05	1.80E-03	0.002825	1.04E-03	1.09E-05	2.00E-03	0.003049	9.87E-04	1.39E-05	3.84E-03	4.84E-03
3763	492863.09	3851877.25	0.05911	0.11814	0.06089	9.07E-04	8.60E-06	1.63E-03	0.002549	9.27E-04	8.46E-06	1.82E-03	0.002752	8.81E-04	1.07E-05	3.49E-03	4.38E-03
3764	493363.09	3851877.25	0.06646	0.13534	0.06812	1.02E-03	9.85E-06	1.83E-03	0.002857	1.04E-03	9.70E-06	2.03E-03	0.003084	9.90E-04	1.23E-05	3.90E-03	4.90E-03
3765	493863.09	3851877.25	0.07743	0.15493	0.07994	1.19E-03	1.13E-05	2.14E-03	0.003343	1.21E-03	1.11E-05	2.38E-03	0.00361	1.15E-03	1.41E-05	4.58E-03	5.75E-03
3766	494363.09	3851877.25	0.07067	0.14388	0.07787	1.08E-03	1.05E-05	2.09E-03	0.003183	1.11E-03	1.03E-05	2.32E-03	0.003441	1.05E-03	1.31E-05	4.46E-03	5.53E-03
3767	494863.09	3851877.25	0.07482	0.15435	0.08002	1.15E-03	1.12E-05	2.15E-03	0.003306	1.17E-03	1.11E-05	2.39E-03	0.003571	1.11E-03	1.40E-05	4.58E-03	5.71E-03
3768	495363.09	3851877.25	0.07995	0.14658	0.08276	1.23E-03	1.07E-05	2.22E-03	0.003457	1.25E-03	1.05E-05	2.47E-03	0.003733	1.19E-03	1.33E-05	4.74E-03	5.95E-03
3769	495863.09	3851877.25	0.08644	0.16207	0.08789	1.33E-03	1.18E-05	2.36E-03	0.003695	1.36E-03	1.16E-05	2.62E-03	0.003989	1.29E-03	1.47E-05	5.03E-03	6.34E-03
3770	496363.09	3851877.25	0.08687	0.15724	0.08833	1.33E-03	1.14E-05	2.37E-03	0.003714	1.36E-03	1.13E-05	2.64E-03	0.004008	1.29E-03	1.43E-05	5.06E-03	6.37E-03
3771	496863.09	3851877.25	0.08466	0.14652	0.08717	1.30E-03	1.07E-05	2.34E-03	0.003648	1.33E-03	1.05E-05	2.60E-03	0.003938	1.26E-03	1.33E-05	4.99E-03	6.27E-03
3772	497363.09	3851877.25	0.07909	0.14242	0.08396	1.21E-03	1.04E-05	2.25E-03	0.003476	1.24E-03	1.02E-05	2.50E-03	0.003755	1.18E-03	1.30E-05	4.81E-03	6.00E-03
3773	497863.09	3851877.25	0.07117	0.12555	0.07655	1.09E-03	9.14E-06	2.05E-03	0.003154	1.12E-03	9.00E-06	2.28E-03	0.003409	1.06E-03	1.14E-05	4.39E-03	5.46E-03
3774	498363.09	3851877.25	0.06581	0.11542	0.0696	1.01E-03	8.40E-06	1.87E-03	0.002885	1.03E-03	8.27E-06	2.08E-03	0.003116	9.80E-04	1.05E-05	3.99E-03	4.98E-03
3775	471363.09	3852377.25	0.09311	0.15699	0.11047	1.43E-03	1.14E-05	2.96E-03	0.004403	1.46E-03	1.12E-05	3.30E-03	0.004767	1.39E-03	1.43E-05	6.33E-03	7.73E-03
3776	471863.09	3852377.25	0.11448	0.17348	0.12588	1.76E-03	1.26E-05	3.38E-03	0.005146	1.79E-03	1.24E-05	3.76E-03	0.005563	1.71E-03	1.58E-05	7.21E-03	8.93E-03
3777	472363.09	3852377.25	0.12912	0.16447	0.15358	1.98E-03	1.20E-05	4.12E-03	0.006112	2.02E-03	1.18E-05	4.58E-03	0.006618	1.92E-03	1.50E-05	8.80E-03	1.07E-02
3778	472863.09	3852377.25	0.13992	0.18917	0.16167	2.15E-03	1.38E-05	4.34E-03	0.006497	2.19E-03	1.36E-05	4.82E-03	0.00703	2.08E-03	1.72E-05	9.26E-03	1.14E-02
3779	473363.09	3852377.25	0.14332	0.20264	0.16097	2.20E-03	1.48E-05	4.32E-03	0.006531	2.25E-03	1.45E-05	4.80E-03	0.007064	2.14E-03	1.84E-05	9.22E-03	1.14E-02
3780	473863.09	3852377.25	0.14434	0.21673	0.15877	2.21E-03	1.58E-05	4.26E-03	0.006489	2.26E-03	1.55E-05	4.74E-03	0.007015	2.15E-03	1.97E-05	9.10E-03	1.13E-02
3781	474363.09	3852377.25	0.14985	0.26091	0.1654	2.30E-03	1.90E-05	4.44E-03	0.006755	2.35E-03	1.87E-05	4.93E-03	0.007302	2.23E-03	2.37E-05	9.47E-03	1.17E-02
3782	474863.09	3852377.25	0.20395	0.3275	0.22843	3.13E-03	2.38E-05	6.13E-03	0.00928	3.20E-03	2.35E-05	6.81E-03	0.010036	3.04E-03	2.98E-05	1.31E-02	1.62E-02
3783	475363.09	3852377.25	0.21731	0.36423	0.23103	3.33E-03	2.65E-05	6.20E-03	0.009558	3.41E-03	2.61E-05	6.89E-03	0.010325	3.24E-03	3.31E-05	1.32E-02	1.65E-02
3784	475863.09	3852377.25	0.24112	0.35955	0.24723	3.70E-03	2.62E-05	6.63E-03	0.010357	3.78E-03	2.58E-05	7.38E-03	0.011182	3.59E-03	3.27E-05	1.42E-02	1.78E-02
3785	476363.09	3852377.25	0.23491	0.3396	0.26056	3.60E-03	2.47E-05	6.99E-03	0.010618	3.68E-03	2.43E-05	7.77E-03	0.011481	3.50E-03	3.09E-05	1.49E-02	1.85E-02
3786	476863.09	3852377.25	0.25313	0.4264	0.26528	3.88E-03	3.10E-05	7.11E-03	0.01103	3.97E-03	3.06E-05	7.91E-03	0.011913	3.77E-03	3.88E-05	1.52E-02	1.90E-02
3787	477363.09	3852377.25	0.26124	0.39916	0.31273	4.01E-03	2.91E-05	8.39E-03	0.012425	4.10E-03	2.86E-05	9.33E-03	0.013454	3.89E-03	3.63E-05	1.79E-02	2.18E-02
3788	477863.09	3852377.25	0.25719	0.29831	0.26132	3.95E-03	2.17E-05	7.01E-03	0.010977	4.03E-03	2.14E-05	7.80E-03	0.01185	3.83E-03	2.71E-05	1.50E-02	1.88E-02
3789	478363.09	3852377.25	0.25211	0.29722	0.26161	3.87E-03	2.16E-05	7.02E-03	0.010907	3.95E-03	2.13E-05	7.80E-03	0.011779	3.76E-03	2.70E-05	1.50E-02	1.88E-02
3790	478863.09	3852377.25	0.3373	0.44859	0.3654	5.18E-03	3.27E-05	9.80E-03	0.015009	5.29E-03	3.21E-05	1.09E-02	0.016221	5.02E-03	4.08E-05	2.09E-02	2.60E-02
3791	479363.09	3852377.25	0.48092	0.60198	0.53602	7.38E-03	4.38E-05	1.44E-02	0.0218	7.54E-03	4.31E-05	1.60E-02	0.023574	7.16E-03	5.48E-05	3.07E-02	3.79E-02
3792	479863.09	3852377.25	0.68979	1.04826	0.76867	1.06E-02	7.63E-05	2.06E-02	0.031277	1.08E-02	7.51E-05	2.29E-02	0.033822	1.03E-02	9.54E-05	4.40E-02	5.44E-02
3793	480363.09	3852377.25	0.65036	0.98536	0.80955	9.98E-03	7.17E-05	2.17E-02	0.031764	1.02E-02	7.06E-05	2.42E-02	0.034418	9.69E-03	8.96E-05	4.64E-02	5.62E-02
3794	480863.09	3852377.25	0.80877	1.22763	1.03198	1.24E-02	8.94E-05	2.77E-02	0.040178	1.27E-02	8.80E-05	3.08E-02	0.043555	1.20E-02	1.12E-04	5.91E-02	7.13E-02
3795	481363.09	3852377.25	0.79835	1.35904	1.02875	1.23E-02	9.89E-05	2.76E-02	0.039941	1.25E-02	9.74E-05	3.07E-02	0.043305	1.19E-02	1.24E-04	5.89E-02	7.09E-02
3796	481863.09	3852377.25	0.77886	1.57738	0.95672	1.20E-02	1.15E-04	2.57E-02	0.037726	1.22E-02	1.13E-04	2.85E-02	0.040866	1.16E-02	1.43E-04	5.48E-02	6.66E-02
3797	482363.09	3852377.25	0.70105	1.27292	0.74715	1.08E-02	9.27E-05	2.00E-02	0.030889	1.10E-02	9.12E-05	2.23E-02	0.033372	1.04E-02	1.16E-04	4.28E-02	5.34E-02
3798	482863.09	3852377.25	0.51922	1.04154	0.53612	7.97E-03	7.58E-05	1.44E-02	0.022422	8.14E-03	7.46E-05	1.60E-02	0.024209	7.73E-03	9.47E-05	3.07E-02	3.85E-02
3799	483363.09	3852377.25	0.2958	0.54382	0.32223	4.54E-03	3.96E-05	8.64E-03	0.013221	4.64E-03	3.90E-05	9.61E-03	0.01429	4.41E-03	4.95E-05	1.85E-02	2.29E-02
3800	483863.09	3852377.25	0.23872	0.29965	0.24666	3.66E-03	2.18E-05	6.62E-03	0.010301	3.74E-03	2.15E-05	7.36E-03	0.011123	3.56E-03	2.73E-05	1.41E-02	1.77E-02
3801	484363.09	3852377.25	0.25013	0.33886	0.24791	3.84E-03	2.47E-05	6.65E-03	0.010512	3.92E-03	2.43E-05	7.40E-03	0.011342	3.73E-03	3.08E-05	1.42E-02	1.80E-02
3802	484863.09	3852377.25	0.21035	0.3147	0.22937	3.23E-03	2.29E-05	6.15E-03	0.009403	3.30E-03	2.25E-05	6.84E-03	0.010163	3.13E-03	2.86E-05	1.31E-02	1.63E-02
3803	485363.09	3852377.25	0.21272	0.3008	0.20024	3.26E-03	2.19E-05	5.37E-03	0.008657	3.34E-03	2.16E-05	5.97E-03	0.00933	3.17E-03	2.74E-05	1.15E-02	1.47E-02

3804	485863.09	3852377.25	0.1797	0.29764	0.16039	2.76E-03	2.17E-05	4.30E-03	0.007081	2.82E-03	2.13E-05	4.78E-03	0.007624	2.68E-03	2.71E-05	9.19E-03	1.19E-02
3805	486363.09	3852377.25	0.11905	0.19614	0.12412	1.83E-03	1.43E-05	3.33E-03	0.00517	1.87E-03	1.41E-05	3.70E-03	0.005583	1.77E-03	1.78E-05	7.11E-03	8.90E-03
3806	486863.09	3852377.25	0.10865	0.20019	0.11649	1.67E-03	1.46E-05	3.12E-03	0.004806	1.70E-03	1.43E-05	3.48E-03	0.005193	1.62E-03	1.82E-05	6.67E-03	8.31E-03
3807	487363.09	3852377.25	0.09488	0.19794	0.1053	1.46E-03	1.44E-05	2.82E-03	0.004295	1.49E-03	1.42E-05	3.14E-03	0.004643	1.41E-03	1.80E-05	6.03E-03	7.46E-03
3808	487863.09	3852377.25	0.08061	0.20984	0.09065	1.24E-03	1.53E-05	2.43E-03	0.003684	1.26E-03	1.50E-05	2.70E-03	0.003983	1.20E-03	1.91E-05	5.19E-03	6.41E-03
3809	488363.09	3852377.25	0.0811	0.20006	0.08565	1.24E-03	1.46E-05	2.30E-03	0.003556	1.27E-03	1.43E-05	2.56E-03	0.003841	1.21E-03	1.82E-05	4.91E-03	6.13E-03
3810	488863.09	3852377.25	0.07558	0.16867	0.07729	1.16E-03	1.23E-05	2.07E-03	0.003245	1.19E-03	1.21E-05	2.31E-03	0.003503	1.13E-03	1.53E-05	4.43E-03	5.57E-03
3811	489363.09	3852377.25	0.07591	0.15478	0.07627	1.16E-03	1.13E-05	2.05E-03	0.003222	1.19E-03	1.11E-05	2.28E-03	0.003477	1.13E-03	1.41E-05	4.37E-03	5.51E-03
3812	489863.09	3852377.25	0.06581	0.17323	0.07541	1.01E-03	1.26E-05	2.02E-03	0.003045	1.03E-03	1.24E-05	2.25E-03	0.003294	9.80E-04	1.58E-05	4.32E-03	5.32E-03
3813	490363.09	3852377.25	0.07292	0.17789	0.07599	1.12E-03	1.29E-05	2.04E-03	0.00317	1.14E-03	1.27E-05	2.27E-03	0.003423	1.09E-03	1.62E-05	4.35E-03	5.46E-03
3814	490863.09	3852377.25	0.07422	0.1817	0.0822	1.14E-03	1.32E-05	2.20E-03	0.003357	1.16E-03	1.30E-05	2.45E-03	0.003629	1.11E-03	1.65E-05	4.71E-03	5.83E-03
3815	491363.09	3852377.25	0.08323	0.20228	0.09153	1.28E-03	1.47E-05	2.45E-03	0.003747	1.30E-03	1.45E-05	2.73E-03	0.00405	1.24E-03	1.84E-05	5.24E-03	6.50E-03
3816	491863.09	3852377.25	0.08772	0.19448	0.09499	1.35E-03	1.42E-05	2.55E-03	0.003908	1.38E-03	1.39E-05	2.83E-03	0.004223	1.31E-03	1.77E-05	5.44E-03	6.77E-03
3817	492363.09	3852377.25	0.09115	0.19446	0.09284	1.40E-03	1.42E-05	2.49E-03	0.003903	1.43E-03	1.39E-05	2.77E-03	0.004213	1.36E-03	1.77E-05	5.32E-03	6.69E-03
3818	492863.09	3852377.25	0.09469	0.19501	0.09507	1.45E-03	1.42E-05	2.55E-03	0.004017	1.48E-03	1.40E-05	2.84E-03	0.004335	1.41E-03	1.77E-05	5.45E-03	6.87E-03
3819	493363.09	3852377.25	0.09854	0.22373	0.10339	1.51E-03	1.63E-05	2.77E-03	0.004301	1.55E-03	1.60E-05	3.08E-03	0.004645	1.47E-03	2.04E-05	5.92E-03	7.41E-03
3820	493863.09	3852377.25	0.09882	0.21629	0.09967	1.52E-03	1.57E-05	2.67E-03	0.004205	1.55E-03	1.55E-05	2.97E-03	0.004538	1.47E-03	1.97E-05	5.71E-03	7.20E-03
3821	494363.09	3852377.25	0.1011	0.19242	0.10062	1.55E-03	1.40E-05	2.70E-03	0.004264	1.59E-03	1.38E-05	3.00E-03	0.004601	1.51E-03	1.75E-05	5.76E-03	7.29E-03
3822	494863.09	3852377.25	0.10626	0.19557	0.10334	1.63E-03	1.42E-05	2.77E-03	0.004416	1.67E-03	1.40E-05	3.08E-03	0.004763	1.58E-03	1.78E-05	5.92E-03	7.52E-03
3823	495363.09	3852377.25	0.11181	0.19713	0.10999	1.72E-03	1.43E-05	2.95E-03	0.00468	1.75E-03	1.41E-05	3.28E-03	0.005048	1.67E-03	1.79E-05	6.30E-03	7.98E-03
3824	495863.09	3852377.25	0.10304	0.18323	0.105	1.58E-03	1.33E-05	2.82E-03	0.004411	1.62E-03	1.31E-05	3.13E-03	0.004761	1.53E-03	1.67E-05	6.01E-03	7.57E-03
3825	496363.09	3852377.25	0.09782	0.17102	0.09956	1.50E-03	1.24E-05	2.67E-03	0.004184	1.53E-03	1.23E-05	2.97E-03	0.004516	1.46E-03	1.56E-05	5.70E-03	7.18E-03
3826	496863.09	3852377.25	0.0935	0.16456	0.09665	1.43E-03	1.20E-05	2.59E-03	0.004039	1.47E-03	1.18E-05	2.88E-03	0.004361	1.39E-03	1.50E-05	5.54E-03	6.94E-03
3827	497363.09	3852377.25	0.08411	0.1442	0.08821	1.29E-03	1.05E-05	2.37E-03	0.003667	1.32E-03	1.03E-05	2.63E-03	0.003961	1.25E-03	1.31E-05	5.05E-03	6.32E-03
3828	497863.09	3852377.25	0.07443	0.13427	0.07857	1.14E-03	9.77E-06	2.11E-03	0.003259	1.17E-03	9.62E-06	2.34E-03	0.003521	1.11E-03	1.22E-05	4.50E-03	5.62E-03
3829	498363.09	3852377.25	0.06671	0.11659	0.07093	1.02E-03	8.49E-06	1.90E-03	0.002935	1.05E-03	8.35E-06	2.12E-03	0.00317	9.94E-04	1.06E-05	4.06E-03	5.07E-03
3830	471363.09	3852877.25	0.10504	0.1262	0.11712	1.61E-03	9.19E-06	3.14E-03	0.004762	1.65E-03	9.04E-06	3.49E-03	0.00515	1.56E-03	1.15E-05	6.71E-03	8.29E-03
3831	471863.09	3852877.25	0.11307	0.15331	0.1292	1.74E-03	1.12E-05	3.47E-03	0.005211	1.77E-03	1.10E-05	3.85E-03	0.005638	1.68E-03	1.39E-05	7.40E-03	9.10E-03
3832	472363.09	3852877.25	0.11998	0.1784	0.13288	1.84E-03	1.30E-05	3.56E-03	0.005418	1.88E-03	1.28E-05	3.96E-03	0.005858	1.79E-03	1.62E-05	7.61E-03	9.42E-03
3833	472863.09	3852877.25	0.1302	0.20452	0.15229	2.00E-03	1.49E-05	4.08E-03	0.006097	2.04E-03	1.47E-05	4.54E-03	0.006599	1.94E-03	1.86E-05	8.72E-03	1.07E-02
3834	473363.09	3852877.25	0.14419	0.23838	0.16983	2.21E-03	1.74E-05	4.55E-03	0.006785	2.26E-03	1.71E-05	5.07E-03	0.007344	2.15E-03	2.17E-05	9.73E-03	1.19E-02
3835	473863.09	3852877.25	0.16297	0.27885	0.19012	2.50E-03	2.03E-05	5.10E-03	0.00762	2.56E-03	2.00E-05	5.67E-03	0.008247	2.43E-03	2.54E-05	1.09E-02	1.33E-02
3836	474363.09	3852877.25	0.17266	0.30357	0.19582	2.65E-03	2.21E-05	5.25E-03	0.007924	2.71E-03	2.18E-05	5.84E-03	0.008571	2.57E-03	2.76E-05	1.12E-02	1.38E-02
3837	474863.09	3852877.25	0.16453	0.26961	0.18281	2.52E-03	1.96E-05	4.90E-03	0.007447	2.58E-03	1.93E-05	5.45E-03	0.008053	2.45E-03	2.45E-05	1.05E-02	1.29E-02
3838	475363.09	3852877.25	0.18263	0.29531	0.19637	2.80E-03	2.15E-05	5.27E-03	0.008091	2.86E-03	2.12E-05	5.86E-03	0.008743	2.72E-03	2.69E-05	1.12E-02	1.40E-02
3839	475863.09	3852877.25	0.19778	0.30511	0.21231	3.03E-03	2.22E-05	5.69E-03	0.008751	3.10E-03	2.19E-05	6.33E-03	0.009457	2.95E-03	2.78E-05	1.22E-02	1.51E-02
3840	476363.09	3852877.25	0.19191	0.31295	0.20426	2.94E-03	2.28E-05	5.48E-03	0.008446	3.01E-03	2.24E-05	6.09E-03	0.009125	2.86E-03	2.85E-05	1.17E-02	1.46E-02
3841	476863.09	3852877.25	0.16748	0.26551	0.1764	2.57E-03	1.93E-05	4.73E-03	0.00732	2.63E-03	1.90E-05	5.26E-03	0.007907	2.49E-03	2.42E-05	1.01E-02	1.26E-02
3842	477363.09	3852877.25	0.15367	0.23062	0.17236	2.36E-03	1.68E-05	4.62E-03	0.006998	2.41E-03	1.65E-05	5.14E-03	0.007568	2.29E-03	2.10E-05	9.87E-03	1.22E-02
3843	477863.09	3852877.25	0.16079	0.22304	0.16521	2.47E-03	1.62E-05	4.43E-03	0.006915	2.52E-03	1.60E-05	4.93E-03	0.007466	2.40E-03	2.03E-05	9.46E-03	1.19E-02
3844	478363.09	3852877.25	0.14791	0.19669	0.15647	2.27E-03	1.43E-05	4.20E-03	0.006481	2.32E-03	1.41E-05	4.67E-03	0.007001	2.20E-03	1.79E-05	8.96E-03	1.12E-02
3845	478863.09	3852877.25	0.17566	0.1996	0.19658	2.70E-03	1.45E-05	5.27E-03	0.007982	2.75E-03	1.43E-05	5.86E-03	0.008633	2.62E-03	1.82E-05	1.13E-02	1.39E-02
3846	479363.09	3852877.25	0.25972	0.31838	0.27059	3.99E-03	2.32E-05	7.26E-03	0.011266	4.07E-03	2.28E-05	8.07E-03	0.012167	3.87E-03	2.90E-05	1.55E-02	1.94E-02
3847	479863.09	3852877.25	0.53793	0.67014	0.55616	8.25E-03	4.88E-05	1.49E-02	0.02322	8.43E-03	4.80E-05	1.66E-02	0.025074	8.01E-03	6.10E-05	3.19E-02	3.99E-02
3848	480363.09	3852877.25	0.81171	1.41286	0.90443	1.25E-02	1.03E-04	2.43E-02	0.036816	1.27E-02	1.01E-04	2.70E-02	0.039809	1.21E-02	1.29E-04	5.18E-02	6.40E-02
3849	480863.09	3852877.25	0.83392	1.53989	0.9805	1.28E-02	1.12E-04	2.63E-02	0.039206	1.31E-02	1.10E-04	2.93E-02	0.042436	1.24E-02	1.40E-04	5.62E-02	6.87E-02
3850	481363.09	3852877.25	0.97865	1.59368	1.25766	1.50E-02	1.16E-04	3.37E-02	0.048865	1.53E-02	1.14E-04	3.75E-02	0.052977	1.46E-02	1.45E-04	7.20E-02	8.68E-02

3851	481863.09	3852877.25	0.92526	1.83405	1.25542	1.42E-02	1.34E-04	3.37E-02	0.048003	1.45E-02	1.31E-04	3.75E-02	0.052091	1.38E-02	1.67E-04	7.19E-02	8.59E-02
3852	482363.09	3852877.25	1.02719	1.89417	1.19339	1.58E-02	1.38E-04	3.20E-02	0.047908	1.61E-02	1.36E-04	3.56E-02	0.051843	1.53E-02	1.72E-04	6.84E-02	8.38E-02
3853	482863.09	3852877.25	0.81775	1.4481	0.89651	1.25E-02	1.05E-04	2.40E-02	0.036699	1.28E-02	1.04E-04	2.67E-02	0.03967	1.22E-02	1.32E-04	5.14E-02	6.37E-02
3854	483363.09	3852877.25	0.57597	1.26519	0.63381	8.84E-03	9.21E-05	1.70E-02	0.02593	9.03E-03	9.07E-05	1.89E-02	0.028029	8.58E-03	1.15E-04	3.63E-02	4.50E-02
3855	483863.09	3852877.25	0.32778	0.42739	0.3228	5.03E-03	3.11E-05	8.66E-03	0.013719	5.14E-03	3.06E-05	9.63E-03	0.0148	4.88E-03	3.89E-05	1.85E-02	2.34E-02
3856	484363.09	3852877.25	0.35927	0.50547	0.35313	5.51E-03	3.68E-05	9.47E-03	0.015021	5.63E-03	3.62E-05	1.05E-02	0.016204	5.35E-03	4.60E-05	2.02E-02	2.56E-02
3857	484863.09	3852877.25	0.33102	0.52071	0.35487	5.08E-03	3.79E-05	9.52E-03	0.014635	5.19E-03	3.73E-05	1.06E-02	0.015814	4.93E-03	4.74E-05	2.03E-02	2.53E-02
3858	485363.09	3852877.25	0.18701	0.28251	0.18773	2.87E-03	2.06E-05	5.04E-03	0.007925	2.93E-03	2.02E-05	5.60E-03	0.008553	2.79E-03	2.57E-05	1.08E-02	1.36E-02
3859	485863.09	3852877.25	0.16115	0.24152	0.15383	2.47E-03	1.76E-05	4.13E-03	0.006616	2.53E-03	1.73E-05	4.59E-03	0.007133	2.40E-03	2.20E-05	8.81E-03	1.12E-02
3860	486363.09	3852877.25	0.11943	0.23297	0.13695	1.83E-03	1.70E-05	3.67E-03	0.005523	1.87E-03	1.67E-05	4.09E-03	0.005975	1.78E-03	2.12E-05	7.85E-03	9.65E-03
3861	486863.09	3852877.25	0.12147	0.28929	0.12983	1.86E-03	2.11E-05	3.48E-03	0.005367	1.90E-03	2.07E-05	3.87E-03	0.005798	1.81E-03	2.63E-05	7.44E-03	9.27E-03
3862	487363.09	3852877.25	0.10505	0.25034	0.11068	1.61E-03	1.82E-05	2.97E-03	0.004599	1.65E-03	1.79E-05	3.30E-03	0.004967	1.56E-03	2.28E-05	6.34E-03	7.93E-03
3863	487863.09	3852877.25	0.09788	0.23321	0.09898	1.50E-03	1.70E-05	2.65E-03	0.004174	1.53E-03	1.67E-05	2.95E-03	0.004504	1.46E-03	2.12E-05	5.67E-03	7.15E-03
3864	488363.09	3852877.25	0.0817	0.18508	0.08226	1.25E-03	1.35E-05	2.21E-03	0.003473	1.28E-03	1.33E-05	2.45E-03	0.003748	1.22E-03	1.68E-05	4.71E-03	5.95E-03
3865	488863.09	3852877.25	0.08603	0.22185	0.08693	1.32E-03	1.61E-05	2.33E-03	0.003668	1.35E-03	1.59E-05	2.59E-03	0.003958	1.28E-03	2.02E-05	4.98E-03	6.28E-03
3866	489363.09	3852877.25	0.08237	0.21413	0.08841	1.26E-03	1.56E-05	2.37E-03	0.003651	1.29E-03	1.53E-05	2.64E-03	0.003944	1.23E-03	1.95E-05	5.06E-03	6.31E-03
3867	489863.09	3852877.25	0.0832	0.20183	0.09016	1.28E-03	1.47E-05	2.42E-03	0.00371	1.30E-03	1.45E-05	2.69E-03	0.004009	1.24E-03	1.84E-05	5.16E-03	6.42E-03
3868	490363.09	3852877.25	0.09886	0.24311	0.10396	1.52E-03	1.77E-05	2.79E-03	0.004323	1.55E-03	1.74E-05	3.10E-03	0.004669	1.47E-03	2.21E-05	5.96E-03	7.45E-03
3869	490863.09	3852877.25	0.10852	0.23504	0.10918	1.67E-03	1.71E-05	2.93E-03	0.004611	1.70E-03	1.68E-05	3.26E-03	0.004975	1.62E-03	2.14E-05	6.25E-03	7.89E-03
3870	491363.09	3852877.25	0.11199	0.27039	0.11706	1.72E-03	1.97E-05	3.14E-03	0.004878	1.76E-03	1.94E-05	3.49E-03	0.005267	1.67E-03	2.46E-05	6.71E-03	8.40E-03
3871	491863.09	3852877.25	0.11761	0.26008	0.1188	1.80E-03	1.89E-05	3.19E-03	0.00501	1.84E-03	1.86E-05	3.54E-03	0.005407	1.75E-03	2.37E-05	6.81E-03	8.58E-03
3872	492363.09	3852877.25	0.12046	0.26442	0.1188	1.85E-03	1.92E-05	3.19E-03	0.005054	1.89E-03	1.89E-05	3.54E-03	0.005452	1.79E-03	2.41E-05	6.81E-03	8.62E-03
3873	492863.09	3852877.25	0.1281	0.27064	0.12735	1.97E-03	1.97E-05	3.42E-03	0.005401	2.01E-03	1.94E-05	3.80E-03	0.005827	1.91E-03	2.46E-05	7.30E-03	9.23E-03
3874	493363.09	3852877.25	0.13727	0.26891	0.13526	2.11E-03	1.96E-05	3.63E-03	0.005754	2.15E-03	1.93E-05	4.04E-03	0.006207	2.04E-03	2.45E-05	7.75E-03	9.82E-03
3875	493863.09	3852877.25	0.13316	0.25277	0.13361	2.04E-03	1.84E-05	3.58E-03	0.005645	2.09E-03	1.81E-05	3.99E-03	0.006092	1.98E-03	2.30E-05	7.65E-03	9.66E-03
3876	494363.09	3852877.25	0.13217	0.25538	0.13269	2.03E-03	1.86E-05	3.56E-03	0.005606	2.07E-03	1.83E-05	3.96E-03	0.006049	1.97E-03	2.32E-05	7.60E-03	9.59E-03
3877	494863.09	3852877.25	0.13367	0.24982	0.13328	2.05E-03	1.82E-05	3.57E-03	0.005644	2.10E-03	1.79E-05	3.98E-03	0.00609	1.99E-03	2.27E-05	7.63E-03	9.65E-03
3878	495363.09	3852877.25	0.12364	0.21563	0.12392	1.90E-03	1.57E-05	3.32E-03	0.005237	1.94E-03	1.55E-05	3.70E-03	0.005651	1.84E-03	1.96E-05	7.10E-03	8.96E-03
3879	495863.09	3852877.25	0.11456	0.18837	0.11652	1.76E-03	1.37E-05	3.13E-03	0.004897	1.80E-03	1.35E-05	3.48E-03	0.005286	1.71E-03	1.71E-05	6.67E-03	8.40E-03
3880	496363.09	3852877.25	0.11082	0.18197	0.11474	1.70E-03	1.32E-05	3.08E-03	0.004791	1.74E-03	1.30E-05	3.42E-03	0.005174	1.65E-03	1.66E-05	6.57E-03	8.24E-03
3881	496863.09	3852877.25	0.10515	0.17607	0.10817	1.61E-03	1.28E-05	2.90E-03	0.004528	1.65E-03	1.26E-05	3.23E-03	0.004888	1.57E-03	1.60E-05	6.20E-03	7.78E-03
3882	497363.09	3852877.25	0.08716	0.14224	0.08952	1.34E-03	1.04E-05	2.40E-03	0.003749	1.37E-03	1.02E-05	2.67E-03	0.004047	1.30E-03	1.29E-05	5.13E-03	6.44E-03
3883	497863.09	3852877.25	0.06896	0.10553	0.07159	1.06E-03	7.68E-06	1.92E-03	0.002986	1.08E-03	7.56E-06	2.14E-03	0.003224	1.03E-03	9.60E-06	4.10E-03	5.14E-03
3884	498363.09	3852877.25	0.06601	0.09841	0.06894	1.01E-03	7.16E-06	1.85E-03	0.002869	1.03E-03	7.05E-06	2.06E-03	0.003099	9.83E-04	8.95E-06	3.95E-03	4.94E-03
3885	471363.09	3853377.25	0.10784	0.15595	0.12496	1.65E-03	1.14E-05	3.35E-03	0.005018	1.69E-03	1.12E-05	3.73E-03	0.00543	1.61E-03	1.42E-05	7.16E-03	8.78E-03
3886	471863.09	3853377.25	0.1279	0.15727	0.14223	1.96E-03	1.14E-05	3.81E-03	0.005789	2.01E-03	1.13E-05	4.24E-03	0.00626	1.91E-03	1.43E-05	8.15E-03	1.01E-02
3887	472363.09	3853377.25	0.1418	0.1582	0.14816	2.18E-03	1.15E-05	3.97E-03	0.006161	2.22E-03	1.13E-05	4.42E-03	0.006655	2.11E-03	1.44E-05	8.49E-03	1.06E-02
3888	472863.09	3853377.25	0.14911	0.18237	0.15434	2.29E-03	1.33E-05	4.14E-03	0.006441	2.34E-03	1.31E-05	4.60E-03	0.006955	2.22E-03	1.66E-05	8.84E-03	1.11E-02
3889	473363.09	3853377.25	0.16032	0.19039	0.15269	2.46E-03	1.39E-05	4.10E-03	0.006569	2.51E-03	1.36E-05	4.56E-03	0.007082	2.39E-03	1.73E-05	8.75E-03	1.12E-02
3890	473863.09	3853377.25	0.16439	0.19894	0.15619	2.52E-03	1.45E-05	4.19E-03	0.006726	2.58E-03	1.43E-05	4.66E-03	0.007251	2.45E-03	1.81E-05	8.95E-03	1.14E-02
3891	474363.09	3853377.25	0.16722	0.21639	0.20367	2.57E-03	1.58E-05	5.46E-03	0.008044	2.62E-03	1.55E-05	6.08E-03	0.008713	2.49E-03	1.97E-05	1.17E-02	1.42E-02
3892	474863.09	3853377.25	0.15208	0.22547	0.16743	2.33E-03	1.64E-05	4.49E-03	0.006841	2.38E-03	1.62E-05	4.99E-03	0.007395	2.27E-03	2.05E-05	9.59E-03	1.19E-02
3893	475363.09	3853377.25	0.15481	0.22768	0.16845	2.38E-03	1.66E-05	4.52E-03	0.00691	2.43E-03	1.63E-05	5.03E-03	0.007469	2.31E-03	2.07E-05	9.65E-03	1.20E-02
3894	475863.09	3853377.25	0.16242	0.22411	0.18526	2.49E-03	1.63E-05	4.97E-03	0.007477	2.55E-03	1.61E-05	5.53E-03	0.008089	2.42E-03	2.04E-05	1.06E-02	1.31E-02
3895	476363.09	3853377.25	0.1565	0.21942	0.17103	2.40E-03	1.60E-05	4.59E-03	0.007005	2.45E-03	1.57E-05	5.10E-03	0.007572	2.33E-03	2.00E-05	9.80E-03	1.21E-02
3896	476863.09	3853377.25	0.13046	0.16589	0.1344	2.00E-03	1.21E-05	3.60E-03	0.005619	2.05E-03	1.19E-05	4.01E-03	0.006067	1.94E-03	1.51E-05	7.70E-03	9.66E-03
3897	477363.09	3853377.25	0.12415	0.17525	0.13042	1.91E-03	1.28E-05	3.50E-03	0.005416	1.95E-03	1.26E-05	3.89E-03	0.00585	1.85E-03	1.59E-05	7.47E-03	9.34E-03

3898	477863.09	3853377.25	0.13242	0.20062	0.13672	2.03E-03	1.46E-05	3.67E-03	0.005714	2.08E-03	1.44E-05	4.08E-03	0.006169	1.97E-03	1.82E-05	7.83E-03	9.82E-03
3899	478363.09	3853377.25	0.13383	0.1953	0.13811	2.05E-03	1.42E-05	3.70E-03	0.005772	2.10E-03	1.40E-05	4.12E-03	0.006232	1.99E-03	1.78E-05	7.91E-03	9.92E-03
3900	478863.09	3853377.25	0.1258	0.15507	0.13691	1.93E-03	1.13E-05	3.67E-03	0.005614	1.97E-03	1.11E-05	4.08E-03	0.006068	1.87E-03	1.41E-05	7.84E-03	9.73E-03
3901	479363.09	3853377.25	0.21137	0.30465	0.2237	3.24E-03	2.22E-05	6.00E-03	0.009265	3.31E-03	2.18E-05	6.67E-03	0.010009	3.15E-03	2.77E-05	1.28E-02	1.60E-02
3902	479863.09	3853377.25	0.32472	0.35821	0.33636	4.98E-03	2.61E-05	9.02E-03	0.01403	5.09E-03	2.57E-05	1.00E-02	0.015151	4.84E-03	3.26E-05	1.93E-02	2.41E-02
3903	480363.09	3853377.25	0.5511	0.92423	0.61788	8.46E-03	6.73E-05	1.66E-02	0.025096	8.64E-03	6.62E-05	1.84E-02	0.02714	8.21E-03	8.41E-05	3.54E-02	4.37E-02
3904	480863.09	3853377.25	0.67641	0.94414	0.70442	1.04E-02	6.87E-05	1.89E-02	0.029341	1.06E-02	6.76E-05	2.10E-02	0.031688	1.01E-02	8.59E-05	4.04E-02	5.05E-02
3905	481363.09	3853377.25	1.13264	1.79137	1.24897	1.74E-02	1.30E-04	3.35E-02	0.051009	1.78E-02	1.28E-04	3.73E-02	0.055147	1.69E-02	1.63E-04	7.15E-02	8.86E-02
3906	481863.09	3853377.25	1.27857	2.07195	1.65192	1.96E-02	1.51E-04	4.43E-02	0.064076	2.00E-02	1.48E-04	4.93E-02	0.069476	1.90E-02	1.88E-04	9.46E-02	1.14E-01
3907	482363.09	3853377.25	1.35988	2.42759	1.73431	2.09E-02	1.77E-04	4.65E-02	0.067559	2.13E-02	1.74E-04	5.17E-02	0.073234	2.03E-02	2.21E-04	9.93E-02	1.20E-01
3908	482863.09	3853377.25	1.20128	2.63891	1.32051	1.84E-02	1.92E-04	3.54E-02	0.054043	1.88E-02	1.89E-04	3.94E-02	0.058418	1.79E-02	2.40E-04	7.56E-02	9.38E-02
3909	483363.09	3853377.25	0.97318	1.91698	0.98874	1.49E-02	1.40E-04	2.65E-02	0.041592	1.53E-02	1.37E-04	2.95E-02	0.044892	1.45E-02	1.74E-04	5.66E-02	7.13E-02
3910	483863.09	3853377.25	0.64696	1.03684	0.65822	9.93E-03	7.55E-05	1.77E-02	0.027657	1.01E-02	7.43E-05	1.96E-02	0.029854	9.64E-03	9.43E-05	3.77E-02	4.74E-02
3911	484363.09	3853377.25	0.50567	0.88263	0.48725	7.76E-03	6.42E-05	1.31E-02	0.020892	7.93E-03	6.32E-05	1.45E-02	0.022527	7.53E-03	8.03E-05	2.79E-02	3.55E-02
3912	484863.09	3853377.25	0.35384	0.49656	0.35142	5.43E-03	3.61E-05	9.43E-03	0.014891	5.55E-03	3.56E-05	1.05E-02	0.016067	5.27E-03	4.52E-05	2.01E-02	2.54E-02
3913	485363.09	3853377.25	0.18419	0.28179	0.1885	2.83E-03	2.05E-05	5.06E-03	0.007903	2.89E-03	2.02E-05	5.62E-03	0.008532	2.74E-03	2.56E-05	1.08E-02	1.36E-02
3914	485863.09	3853377.25	0.13229	0.30085	0.14909	2.03E-03	2.19E-05	4.00E-03	0.006051	2.07E-03	2.16E-05	4.45E-03	0.006543	1.97E-03	2.74E-05	8.54E-03	1.05E-02
3915	486363.09	3853377.25	0.14028	0.35439	0.14926	2.15E-03	2.58E-05	4.00E-03	0.006182	2.20E-03	2.54E-05	4.45E-03	0.006678	2.09E-03	3.22E-05	8.55E-03	1.07E-02
3916	486863.09	3853377.25	0.13937	0.31942	0.14655	2.14E-03	2.33E-05	3.93E-03	0.006092	2.19E-03	2.29E-05	4.37E-03	0.00658	2.08E-03	2.91E-05	8.40E-03	1.05E-02
3917	487363.09	3853377.25	0.14281	0.35947	0.1459	2.19E-03	2.62E-05	3.91E-03	0.006131	2.24E-03	2.58E-05	4.35E-03	0.006617	2.13E-03	3.27E-05	8.36E-03	1.05E-02
3918	487863.09	3853377.25	0.15259	0.37761	0.15227	2.34E-03	2.75E-05	4.08E-03	0.006453	2.39E-03	2.71E-05	4.54E-03	0.006962	2.27E-03	3.43E-05	8.72E-03	1.10E-02
3919	488363.09	3853377.25	0.15372	0.38114	0.15832	2.36E-03	2.77E-05	4.25E-03	0.006633	2.41E-03	2.73E-05	4.72E-03	0.007161	2.29E-03	3.47E-05	9.07E-03	1.14E-02
3920	488863.09	3853377.25	0.14314	0.36087	0.1528	2.20E-03	2.63E-05	4.10E-03	0.006321	2.24E-03	2.59E-05	4.56E-03	0.006829	2.13E-03	3.28E-05	8.75E-03	1.09E-02
3921	489363.09	3853377.25	0.14295	0.39274	0.15385	2.19E-03	2.86E-05	4.13E-03	0.006349	2.24E-03	2.81E-05	4.59E-03	0.006859	2.13E-03	3.57E-05	8.81E-03	1.10E-02
3922	489863.09	3853377.25	0.13945	0.35184	0.1384	2.14E-03	2.56E-05	3.71E-03	0.005877	2.19E-03	2.52E-05	4.13E-03	0.00634	2.08E-03	3.20E-05	7.93E-03	1.00E-02
3923	490363.09	3853377.25	0.15138	0.36862	0.14887	2.32E-03	2.68E-05	3.99E-03	0.006343	2.37E-03	2.64E-05	4.44E-03	0.006841	2.26E-03	3.35E-05	8.53E-03	1.08E-02
3924	490863.09	3853377.25	0.15493	0.3566	0.15459	2.38E-03	2.60E-05	4.15E-03	0.00655	2.43E-03	2.56E-05	4.61E-03	0.007066	2.31E-03	3.24E-05	8.86E-03	1.12E-02
3925	491363.09	3853377.25	0.16006	0.34143	0.15951	2.46E-03	2.49E-05	4.28E-03	0.006759	2.51E-03	2.45E-05	4.76E-03	0.007293	2.38E-03	3.11E-05	9.14E-03	1.16E-02
3926	491863.09	3853377.25	0.16088	0.35482	0.16426	2.47E-03	2.58E-05	4.41E-03	0.0069	2.52E-03	2.54E-05	4.90E-03	0.007448	2.40E-03	3.23E-05	9.41E-03	1.18E-02
3927	492363.09	3853377.25	0.17165	0.33291	0.17184	2.63E-03	2.42E-05	4.61E-03	0.007267	2.69E-03	2.39E-05	5.13E-03	0.007842	2.56E-03	3.03E-05	9.84E-03	1.24E-02
3928	492863.09	3853377.25	0.17841	0.32834	0.17776	2.74E-03	2.39E-05	4.77E-03	0.007529	2.80E-03	2.35E-05	5.30E-03	0.008124	2.66E-03	2.99E-05	1.02E-02	1.29E-02
3929	493363.09	3853377.25	0.17739	0.33091	0.17834	2.72E-03	2.41E-05	4.78E-03	0.007529	2.78E-03	2.37E-05	5.32E-03	0.008125	2.64E-03	3.01E-05	1.02E-02	1.29E-02
3930	493863.09	3853377.25	0.17283	0.32649	0.17559	2.65E-03	2.38E-05	4.71E-03	0.007385	2.71E-03	2.34E-05	5.24E-03	0.007971	2.57E-03	2.97E-05	1.01E-02	1.27E-02
3931	494363.09	3853377.25	0.1608	0.30941	0.16808	2.47E-03	2.25E-05	4.51E-03	0.006998	2.52E-03	2.22E-05	5.01E-03	0.007558	2.40E-03	2.81E-05	9.63E-03	1.21E-02
3932	494863.09	3853377.25	0.14578	0.2763	0.15471	2.24E-03	2.01E-05	4.15E-03	0.006407	2.29E-03	1.98E-05	4.62E-03	0.006921	2.17E-03	2.51E-05	8.86E-03	1.11E-02
3933	495363.09	3853377.25	0.14195	0.25351	0.14614	2.18E-03	1.85E-05	3.92E-03	0.006116	2.23E-03	1.82E-05	4.36E-03	0.006604	2.11E-03	2.31E-05	8.37E-03	1.05E-02
3934	495863.09	3853377.25	0.1352	0.21778	0.13863	2.07E-03	1.59E-05	3.72E-03	0.005809	2.12E-03	1.56E-05	4.14E-03	0.006271	2.01E-03	1.98E-05	7.94E-03	9.98E-03
3935	496363.09	3853377.25	0.12372	0.18403	0.12368	1.90E-03	1.34E-05	3.32E-03	0.005229	1.94E-03	1.32E-05	3.69E-03	0.005643	1.84E-03	1.67E-05	7.08E-03	8.94E-03
3936	496863.09	3853377.25	0.10584	0.14878	0.10625	1.62E-03	1.08E-05	2.85E-03	0.004485	1.66E-03	1.07E-05	3.17E-03	0.00484	1.58E-03	1.35E-05	6.09E-03	7.68E-03
3937	497363.09	3853377.25	0.08754	0.11885	0.08885	1.34E-03	8.65E-06	2.38E-03	0.003735	1.37E-03	8.52E-06	2.65E-03	0.004032	1.30E-03	1.08E-05	5.09E-03	6.40E-03
3938	497863.09	3853377.25	0.06074	0.07931	0.06288	9.32E-04	5.77E-06	1.69E-03	0.002624	9.52E-04	5.68E-06	1.88E-03	0.002834	9.05E-04	7.21E-06	3.60E-03	4.51E-03
3939	498363.09	3853377.25	0.04793	0.06354	0.05072	7.35E-04	4.63E-06	1.36E-03	0.0021	7.51E-04	4.55E-06	1.51E-03	0.002269	7.14E-04	5.78E-06	2.91E-03	3.63E-03
3940	471363.09	3853877.25	0.11752	0.15369	0.12782	1.80E-03	1.12E-05	3.43E-03	0.005243	1.84E-03	1.10E-05	3.81E-03	0.005667	1.75E-03	1.40E-05	7.32E-03	9.09E-03
3941	471863.09	3853877.25	0.13086	0.17904	0.14143	2.01E-03	1.30E-05	3.79E-03	0.005814	2.05E-03	1.28E-05	4.22E-03	0.006284	1.95E-03	1.63E-05	8.10E-03	1.01E-02
3942	472363.09	3853877.25	0.13456	0.19574	0.14434	2.06E-03	1.42E-05	3.87E-03	0.00595	2.11E-03	1.40E-05	4.31E-03	0.00643	2.00E-03	1.78E-05	8.27E-03	1.03E-02
3943	472863.09	3853877.25	0.14158	0.20471	0.1555	2.17E-03	1.49E-05	4.17E-03	0.006358	2.22E-03	1.47E-05	4.64E-03	0.006873	2.11E-03	1.86E-05	8.91E-03	1.10E-02
3944	473363.09	3853877.25	0.1495	0.21525	0.1655	2.29E-03	1.57E-05	4.44E-03	0.006749	2.34E-03	1.54E-05	4.94E-03	0.007297	2.23E-03	1.96E-05	9.48E-03	1.17E-02

3945	473863.09	3853877.25	0.15927	0.2149	0.17505	2.44E-03	1.56E-05	4.69E-03	0.007155	2.50E-03	1.54E-05	5.22E-03	0.007735	2.37E-03	1.95E-05	1.00E-02	1.24E-02
3946	474363.09	3853877.25	0.17335	0.22753	0.18429	2.66E-03	1.66E-05	4.94E-03	0.007619	2.72E-03	1.63E-05	5.50E-03	0.008232	2.58E-03	2.07E-05	1.06E-02	1.32E-02
3947	474863.09	3853877.25	0.18455	0.23844	0.18393	2.83E-03	1.74E-05	4.93E-03	0.007782	2.89E-03	1.71E-05	5.49E-03	0.008398	2.75E-03	2.17E-05	1.05E-02	1.33E-02
3948	475363.09	3853877.25	0.1669	0.21599	0.16885	2.56E-03	1.57E-05	4.53E-03	0.007105	2.62E-03	1.55E-05	5.04E-03	0.00767	2.49E-03	1.96E-05	9.67E-03	1.22E-02
3949	475863.09	3853877.25	0.1326	0.17708	0.15567	2.03E-03	1.29E-05	4.18E-03	0.006223	2.08E-03	1.27E-05	4.64E-03	0.006736	1.98E-03	1.61E-05	8.92E-03	1.09E-02
3950	476363.09	3853877.25	0.11695	0.16085	0.12279	1.79E-03	1.17E-05	3.29E-03	0.0051	1.83E-03	1.15E-05	3.66E-03	0.005508	1.74E-03	1.46E-05	7.03E-03	8.79E-03
3951	476863.09	3853877.25	0.098	0.13715	0.10714	1.50E-03	9.98E-06	2.87E-03	0.004387	1.54E-03	9.83E-06	3.20E-03	0.004743	1.46E-03	1.25E-05	6.14E-03	7.61E-03
3952	477363.09	3853877.25	0.10665	0.15298	0.11611	1.64E-03	1.11E-05	3.11E-03	0.004762	1.67E-03	1.10E-05	3.46E-03	0.005147	1.59E-03	1.39E-05	6.65E-03	8.25E-03
3953	477863.09	3853877.25	0.11597	0.17017	0.12484	1.78E-03	1.24E-05	3.35E-03	0.00514	1.82E-03	1.22E-05	3.72E-03	0.005555	1.73E-03	1.55E-05	7.15E-03	8.89E-03
3954	478363.09	3853877.25	0.12545	0.19387	0.12859	1.93E-03	1.41E-05	3.45E-03	0.005388	1.97E-03	1.39E-05	3.84E-03	0.005817	1.87E-03	1.76E-05	7.37E-03	9.25E-03
3955	478863.09	3853877.25	0.10695	0.1589	0.11548	1.64E-03	1.16E-05	3.10E-03	0.00475	1.68E-03	1.14E-05	3.45E-03	0.005133	1.59E-03	1.45E-05	6.62E-03	8.22E-03
3956	479363.09	3853877.25	0.1549	0.22612	0.16434	2.38E-03	1.65E-05	4.41E-03	0.006801	2.43E-03	1.62E-05	4.90E-03	0.007348	2.31E-03	2.06E-05	9.41E-03	1.17E-02
3957	479863.09	3853877.25	0.26397	0.36072	0.25966	4.05E-03	2.63E-05	6.96E-03	0.011041	4.14E-03	2.58E-05	7.75E-03	0.011911	3.93E-03	3.28E-05	1.49E-02	1.88E-02
3958	480363.09	3853877.25	0.42796	0.59099	0.42047	6.57E-03	4.30E-05	1.13E-02	0.017887	6.71E-03	4.23E-05	1.25E-02	0.019296	6.38E-03	5.38E-05	2.41E-02	3.05E-02
3959	480863.09	3853877.25	0.74376	1.23904	0.76655	1.14E-02	9.02E-05	2.06E-02	0.032063	1.17E-02	8.88E-05	2.29E-02	0.034618	1.11E-02	1.13E-04	4.39E-02	5.51E-02
3960	481363.09	3853877.25	1.13668	1.87286	1.1897	1.74E-02	1.36E-04	3.19E-02	0.049487	1.78E-02	1.34E-04	3.55E-02	0.053448	1.69E-02	1.70E-04	6.82E-02	8.53E-02
3961	481863.09	3853877.25	1.30857	2.63975	1.68384	2.01E-02	1.92E-04	4.52E-02	0.065434	2.05E-02	1.89E-04	5.02E-02	0.070939	1.95E-02	2.40E-04	9.65E-02	1.16E-01
3962	482363.09	3853877.25	1.86389	3.35232	2.47588	2.86E-02	2.44E-04	6.64E-02	0.09525	2.92E-02	2.40E-04	7.39E-02	0.103326	2.78E-02	3.05E-04	1.42E-01	1.70E-01
3963	482863.09	3853877.25	2.39966	4.35186	4.35608	3.68E-02	3.17E-04	1.17E-01	0.153972	3.76E-02	3.12E-04	1.30E-01	0.167888	3.57E-02	3.96E-04	2.50E-01	2.86E-01
3964	483363.09	3853877.25	1.57953	2.81931	1.66879	2.42E-02	2.05E-04	4.48E-02	0.069201	2.48E-02	2.02E-04	4.98E-02	0.074752	2.35E-02	2.56E-04	9.56E-02	1.19E-01
3965	483863.09	3853877.25	1.21171	2.01538	1.27992	1.86E-02	1.47E-04	3.43E-02	0.053069	1.90E-02	1.44E-04	3.82E-02	0.057326	1.81E-02	1.83E-04	7.33E-02	9.16E-02
3966	484363.09	3853877.25	0.63862	0.93652	0.65606	9.80E-03	6.82E-05	1.76E-02	0.027464	1.00E-02	6.71E-05	1.96E-02	0.029652	9.51E-03	8.52E-05	3.76E-02	4.72E-02
3967	484863.09	3853877.25	0.35669	0.59258	0.37078	5.47E-03	4.31E-05	9.94E-03	0.015461	5.59E-03	4.25E-05	1.11E-02	0.016696	5.31E-03	5.39E-05	2.12E-02	2.66E-02
3968	485363.09	3853877.25	0.19926	0.52466	0.23407	3.06E-03	3.82E-05	6.28E-03	0.009374	3.12E-03	3.76E-05	6.98E-03	0.010145	2.97E-03	4.77E-05	1.34E-02	1.64E-02
3969	485863.09	3853877.25	0.21505	0.56413	0.21823	3.30E-03	4.11E-05	5.85E-03	0.009194	3.37E-03	4.04E-05	6.51E-03	0.009923	3.20E-03	5.13E-05	1.25E-02	1.58E-02
3970	486363.09	3853877.25	0.21451	0.5759	0.2068	3.29E-03	4.19E-05	5.55E-03	0.00888	3.36E-03	4.13E-05	6.17E-03	0.009574	3.20E-03	5.24E-05	1.18E-02	1.51E-02
3971	486863.09	3853877.25	0.19449	0.54383	0.19822	2.98E-03	3.96E-05	5.32E-03	0.00834	3.05E-03	3.90E-05	5.91E-03	0.009002	2.90E-03	4.95E-05	1.14E-02	1.43E-02
3972	487363.09	3853877.25	0.19846	0.5551	0.20135	3.05E-03	4.04E-05	5.40E-03	0.008486	3.11E-03	3.98E-05	6.01E-03	0.009158	2.96E-03	5.05E-05	1.15E-02	1.45E-02
3973	487863.09	3853877.25	0.21922	0.61433	0.22187	3.36E-03	4.47E-05	5.95E-03	0.009359	3.44E-03	4.40E-05	6.62E-03	0.0101	3.27E-03	5.59E-05	1.27E-02	1.60E-02
3974	488363.09	3853877.25	0.23163	0.62168	0.22657	3.55E-03	4.53E-05	6.08E-03	0.009676	3.63E-03	4.45E-05	6.76E-03	0.010435	3.45E-03	5.65E-05	1.30E-02	1.65E-02
3975	488863.09	3853877.25	0.25095	0.60731	0.23484	3.85E-03	4.42E-05	6.30E-03	0.010194	3.93E-03	4.35E-05	7.01E-03	0.010984	3.74E-03	5.52E-05	1.35E-02	1.72E-02
3976	489363.09	3853877.25	0.22942	0.53617	0.21904	3.52E-03	3.90E-05	5.87E-03	0.009434	3.60E-03	3.84E-05	6.53E-03	0.01017	3.42E-03	4.88E-05	1.25E-02	1.60E-02
3977	489863.09	3853877.25	0.23117	0.5153	0.22217	3.55E-03	3.75E-05	5.96E-03	0.009544	3.62E-03	3.69E-05	6.63E-03	0.010289	3.44E-03	4.69E-05	1.27E-02	1.62E-02
3978	490363.09	3853877.25	0.21972	0.4614	0.2168	3.37E-03	3.36E-05	5.81E-03	0.00922	3.45E-03	3.31E-05	6.47E-03	0.009946	3.27E-03	4.20E-05	1.24E-02	1.57E-02
3979	490863.09	3853877.25	0.22284	0.4635	0.21835	3.42E-03	3.37E-05	5.86E-03	0.00931	3.49E-03	3.32E-05	6.51E-03	0.010041	3.32E-03	4.22E-05	1.25E-02	1.59E-02
3980	491363.09	3853877.25	0.22482	0.47496	0.22081	3.45E-03	3.46E-05	5.92E-03	0.009407	3.52E-03	3.40E-05	6.59E-03	0.010146	3.35E-03	4.32E-05	1.26E-02	1.60E-02
3981	491863.09	3853877.25	0.22257	0.44933	0.21973	3.42E-03	3.27E-05	5.89E-03	0.009341	3.49E-03	3.22E-05	6.56E-03	0.010077	3.32E-03	4.09E-05	1.26E-02	1.59E-02
3982	492363.09	3853877.25	0.23041	0.46829	0.22372	3.54E-03	3.41E-05	6.00E-03	0.00957	3.61E-03	3.36E-05	6.67E-03	0.01032	3.43E-03	4.26E-05	1.28E-02	1.63E-02
3983	492863.09	3853877.25	0.23231	0.47129	0.23295	3.56E-03	3.43E-05	6.25E-03	0.009847	3.64E-03	3.38E-05	6.95E-03	0.010626	3.46E-03	4.29E-05	1.33E-02	1.68E-02
3984	493363.09	3853877.25	0.22368	0.41855	0.22223	3.43E-03	3.05E-05	5.96E-03	0.009423	3.51E-03	3.00E-05	6.63E-03	0.010167	3.33E-03	3.81E-05	1.27E-02	1.61E-02
3985	493863.09	3853877.25	0.20853	0.36164	0.21412	3.20E-03	2.63E-05	5.74E-03	0.008969	3.27E-03	2.59E-05	6.39E-03	0.009683	3.11E-03	3.29E-05	1.23E-02	1.54E-02
3986	494363.09	3853877.25	0.19822	0.34602	0.20394	3.04E-03	2.52E-05	5.47E-03	0.008537	3.11E-03	2.48E-05	6.08E-03	0.009217	2.95E-03	3.15E-05	1.17E-02	1.47E-02
3987	494863.09	3853877.25	0.18603	0.32489	0.1871	2.85E-03	2.36E-05	5.02E-03	0.007896	2.92E-03	2.33E-05	5.58E-03	0.008522	2.77E-03	2.96E-05	1.07E-02	1.35E-02
3988	495363.09	3853877.25	0.15705	0.23599	0.15669	2.41E-03	1.72E-05	4.20E-03	0.00663	2.46E-03	1.69E-05	4.67E-03	0.007154	2.34E-03	2.15E-05	8.98E-03	1.13E-02
3989	495863.09	3853877.25	0.13425	0.18845	0.13469	2.06E-03	1.37E-05	3.61E-03	0.005686	2.10E-03	1.35E-05	4.02E-03	0.006137	2.00E-03	1.71E-05	7.72E-03	9.73E-03
3990	496363.09	3853877.25	0.12029	0.17015	0.12319	1.85E-03	1.24E-05	3.30E-03	0.005162	1.89E-03	1.22E-05	3.68E-03	0.005573	1.79E-03	1.55E-05	7.06E-03	8.86E-03
3991	496863.09	3853877.25	0.09897	0.14273	0.10115	1.52E-03	1.04E-05	2.71E-03	0.004242	1.55E-03	1.02E-05	3.02E-03	0.00458	1.47E-03	1.30E-05	5.79E-03	7.28E-03

3992	497363.09	3853877.25	0.0848	0.1206	0.08708	1.30E-03	8.78E-06	2.34E-03	0.003646	1.33E-03	8.64E-06	2.60E-03	0.003936	1.26E-03	1.10E-05	4.99E-03	6.26E-03
3993	497863.09	3853877.25	0.06759	0.09652	0.07079	1.04E-03	7.03E-06	1.90E-03	0.002943	1.06E-03	6.92E-06	2.11E-03	0.003178	1.01E-03	8.78E-06	4.06E-03	5.07E-03
3994	498363.09	3853877.25	0.05995	0.0822	0.06353	9.20E-04	5.98E-06	1.70E-03	0.00263	9.40E-04	5.89E-06	1.90E-03	0.002841	8.93E-04	7.48E-06	3.64E-03	4.54E-03
3995	471363.09	3854377.25	0.11708	0.15686	0.12739	1.80E-03	1.14E-05	3.42E-03	0.005225	1.84E-03	1.12E-05	3.80E-03	0.005647	1.74E-03	1.43E-05	7.30E-03	9.06E-03
3996	471863.09	3854377.25	0.13192	0.17223	0.14684	2.02E-03	1.25E-05	3.94E-03	0.005975	2.07E-03	1.23E-05	4.38E-03	0.006461	1.97E-03	1.57E-05	8.41E-03	1.04E-02
3997	472363.09	3854377.25	0.14128	0.17499	0.15691	2.17E-03	1.27E-05	4.21E-03	0.006389	2.22E-03	1.25E-05	4.68E-03	0.006909	2.10E-03	1.59E-05	8.99E-03	1.11E-02
3998	472863.09	3854377.25	0.14523	0.19172	0.15763	2.23E-03	1.40E-05	4.23E-03	0.00647	2.28E-03	1.37E-05	4.70E-03	0.006993	2.16E-03	1.74E-05	9.03E-03	1.12E-02
3999	473363.09	3854377.25	0.15599	0.19268	0.16744	2.39E-03	1.40E-05	4.49E-03	0.006899	2.45E-03	1.38E-05	5.00E-03	0.007455	2.32E-03	1.75E-05	9.59E-03	1.19E-02
4000	473863.09	3854377.25	0.16938	0.20363	0.17703	2.60E-03	1.48E-05	4.75E-03	0.007362	2.66E-03	1.46E-05	5.28E-03	0.007952	2.52E-03	1.85E-05	1.01E-02	1.27E-02
4001	474363.09	3854377.25	0.18108	0.21883	0.1832	2.78E-03	1.59E-05	4.91E-03	0.007708	2.84E-03	1.57E-05	5.47E-03	0.00832	2.70E-03	1.99E-05	1.05E-02	1.32E-02
4002	474863.09	3854377.25	0.16764	0.20619	0.17266	2.57E-03	1.50E-05	4.63E-03	0.007218	2.63E-03	1.48E-05	5.15E-03	0.007794	2.50E-03	1.88E-05	9.89E-03	1.24E-02
4003	475363.09	3854377.25	0.13553	0.16282	0.14147	2.08E-03	1.19E-05	3.79E-03	0.005886	2.12E-03	1.17E-05	4.22E-03	0.006357	2.02E-03	1.48E-05	8.10E-03	1.01E-02
4004	475863.09	3854377.25	0.09849	0.11999	0.10624	1.51E-03	8.73E-06	2.85E-03	0.004369	1.54E-03	8.60E-06	3.17E-03	0.004722	1.47E-03	1.09E-05	6.09E-03	7.56E-03
4005	476363.09	3854377.25	0.09697	0.11552	0.10546	1.49E-03	8.41E-06	2.83E-03	0.004325	1.52E-03	8.28E-06	3.15E-03	0.004675	1.44E-03	1.05E-05	6.04E-03	7.50E-03
4006	476863.09	3854377.25	0.09761	0.12221	0.10464	1.50E-03	8.90E-06	2.81E-03	0.004313	1.53E-03	8.76E-06	3.12E-03	0.004661	1.45E-03	1.11E-05	5.99E-03	7.46E-03
4007	477363.09	3854377.25	0.09846	0.12697	0.10012	1.51E-03	9.24E-06	2.69E-03	0.004205	1.54E-03	9.10E-06	2.99E-03	0.00454	1.47E-03	1.15E-05	5.74E-03	7.21E-03
4008	477863.09	3854377.25	0.0994	0.13232	0.10779	1.53E-03	9.63E-06	2.89E-03	0.004426	1.56E-03	9.48E-06	3.22E-03	0.004784	1.48E-03	1.20E-05	6.17E-03	7.67E-03
4009	478363.09	3854377.25	0.11194	0.14311	0.11782	1.72E-03	1.04E-05	3.16E-03	0.004888	1.76E-03	1.03E-05	3.51E-03	0.00528	1.67E-03	1.30E-05	6.75E-03	8.43E-03
4010	478863.09	3854377.25	0.11679	0.15786	0.12163	1.79E-03	1.15E-05	3.26E-03	0.005066	1.83E-03	1.13E-05	3.63E-03	0.005471	1.74E-03	1.44E-05	6.97E-03	8.72E-03
4011	479363.09	3854377.25	0.17134	0.24241	0.1727	2.63E-03	1.76E-05	4.63E-03	0.007279	2.69E-03	1.74E-05	5.15E-03	0.007856	2.55E-03	2.21E-05	9.89E-03	1.25E-02
4012	479863.09	3854377.25	0.22534	0.29695	0.22687	3.46E-03	2.16E-05	6.08E-03	0.009564	3.53E-03	2.13E-05	6.77E-03	0.010322	3.36E-03	2.70E-05	1.30E-02	1.64E-02
4013	480363.09	3854377.25	0.31983	0.46465	0.31982	4.91E-03	3.38E-05	8.58E-03	0.013519	5.01E-03	3.33E-05	9.54E-03	0.014589	4.76E-03	4.23E-05	1.83E-02	2.31E-02
4014	480863.09	3854377.25	0.55474	0.94751	0.54665	8.51E-03	6.90E-05	1.47E-02	0.023243	8.70E-03	6.79E-05	1.63E-02	0.025074	8.26E-03	8.62E-05	3.13E-02	3.97E-02
4015	481363.09	3854377.25	0.90935	1.79958	0.97977	1.40E-02	1.31E-04	2.63E-02	0.040363	1.43E-02	1.29E-04	2.92E-02	0.043616	1.35E-02	1.64E-04	5.61E-02	6.98E-02
4016	481863.09	3854377.25	1.47446	2.93214	1.72459	2.26E-02	2.13E-04	4.63E-02	0.069094	2.31E-02	2.10E-04	5.14E-02	0.074777	2.20E-02	2.67E-04	9.88E-02	1.21E-01
4017	482363.09	3854377.25	2.31498	4.17222	2.90241	3.55E-02	3.04E-04	7.78E-02	0.113672	3.63E-02	2.99E-04	8.66E-02	0.123181	3.45E-02	3.80E-04	1.66E-01	2.01E-01
4018	482863.09	3854377.25	5.12647	7.36394	7.62116	7.87E-02	5.36E-04	2.04E-01	0.283606	8.04E-02	5.28E-04	2.27E-01	0.308263	7.64E-02	6.70E-04	4.37E-01	5.14E-01
4019	483363.09	3854377.25	3.08752	6.69049	3.95382	4.74E-02	4.87E-04	1.06E-01	0.153909	4.84E-02	4.79E-04	1.18E-01	0.166841	4.60E-02	6.09E-04	2.26E-01	2.73E-01
4020	483863.09	3854377.25	1.49367	2.05833	1.45506	2.29E-02	1.50E-04	3.90E-02	0.062096	2.34E-02	1.47E-04	4.34E-02	0.066975	2.23E-02	1.87E-04	8.34E-02	1.06E-01
4021	484363.09	3854377.25	0.61123	1.30546	0.66106	9.38E-03	9.50E-05	1.77E-02	0.027204	9.58E-03	9.35E-05	1.97E-02	0.029398	9.11E-03	1.19E-04	3.79E-02	4.71E-02
4022	484863.09	3854377.25	0.35998	1.19496	0.38444	5.52E-03	8.70E-05	1.03E-02	0.015922	5.64E-03	8.56E-05	1.15E-02	0.017199	5.36E-03	1.09E-04	2.20E-02	2.75E-02
4023	485363.09	3854377.25	0.42415	1.34029	0.41409	6.51E-03	9.76E-05	1.11E-02	0.017712	6.65E-03	9.60E-05	1.24E-02	0.0191	6.32E-03	1.22E-04	2.37E-02	3.02E-02
4024	485863.09	3854377.25	0.32434	1.06147	0.31421	4.98E-03	7.73E-05	8.43E-03	0.013482	5.09E-03	7.61E-05	9.37E-03	0.014535	4.83E-03	9.66E-05	1.80E-02	2.29E-02
4025	486363.09	3854377.25	0.33615	1.06417	0.32623	5.16E-03	7.75E-05	8.75E-03	0.013985	5.27E-03	7.63E-05	9.73E-03	0.015079	5.01E-03	9.68E-05	1.87E-02	2.38E-02
4026	486863.09	3854377.25	0.31443	0.94684	0.29453	4.82E-03	6.89E-05	7.90E-03	0.012793	4.93E-03	6.78E-05	8.79E-03	0.013784	4.68E-03	8.61E-05	1.69E-02	2.16E-02
4027	487363.09	3854377.25	0.31492	0.87499	0.29908	4.83E-03	6.37E-05	8.02E-03	0.012918	4.94E-03	6.27E-05	8.92E-03	0.013923	4.69E-03	7.96E-05	1.71E-02	2.19E-02
4028	487863.09	3854377.25	0.33837	0.89717	0.32112	5.19E-03	6.53E-05	8.61E-03	0.01387	5.31E-03	6.43E-05	9.58E-03	0.014949	5.04E-03	8.16E-05	1.84E-02	2.35E-02
4029	488363.09	3854377.25	0.35599	0.87587	0.33801	5.46E-03	6.38E-05	9.07E-03	0.014592	5.58E-03	6.28E-05	1.01E-02	0.015728	5.30E-03	7.97E-05	1.94E-02	2.47E-02
4030	488863.09	3854377.25	0.35989	0.84243	0.33981	5.52E-03	6.13E-05	9.11E-03	0.014698	5.64E-03	6.04E-05	1.01E-02	0.01584	5.36E-03	7.66E-05	1.95E-02	2.49E-02
4031	489363.09	3854377.25	0.35055	0.80058	0.34201	5.38E-03	5.83E-05	9.17E-03	0.01461	5.50E-03	5.74E-05	1.02E-02	0.015757	5.22E-03	7.28E-05	1.96E-02	2.49E-02
4032	489863.09	3854377.25	0.33917	0.74732	0.34175	5.20E-03	5.44E-05	9.17E-03	0.014425	5.32E-03	5.35E-05	1.02E-02	0.015567	5.05E-03	6.80E-05	1.96E-02	2.47E-02
4033	490363.09	3854377.25	0.31818	0.67158	0.31914	4.88E-03	4.89E-05	8.56E-03	0.013491	4.99E-03	4.81E-05	9.52E-03	0.014558	4.74E-03	6.11E-05	1.83E-02	2.31E-02
4034	490863.09	3854377.25	0.25195	0.46947	0.24261	3.87E-03	3.42E-05	6.51E-03	0.010407	3.95E-03	3.36E-05	7.24E-03	0.011222	3.75E-03	4.27E-05	1.39E-02	1.77E-02
4035	491363.09	3854377.25	0.27586	0.54725	0.2746	4.23E-03	3.98E-05	7.36E-03	0.011638	4.33E-03	3.92E-05	8.19E-03	0.012556	4.11E-03	4.98E-05	1.57E-02	1.99E-02
4036	491863.09	3854377.25	0.30267	0.58617	0.3119	4.64E-03	4.27E-05	8.37E-03	0.013053	4.75E-03	4.20E-05	9.30E-03	0.014092	4.51E-03	5.33E-05	1.79E-02	2.24E-02
4037	492363.09	3854377.25	0.31849	0.60538	0.3237	4.89E-03	4.41E-05	8.68E-03	0.013613	4.99E-03	4.34E-05	9.66E-03	0.014694	4.74E-03	5.51E-05	1.85E-02	2.33E-02
4038	492863.09	3854377.25	0.30504	0.55074	0.31679	4.68E-03	4.01E-05	8.50E-03	0.013217	4.78E-03	3.95E-05	9.45E-03	0.014273	4.54E-03	5.01E-05	1.81E-02	2.27E-02

4039	493363.09	3854377.25	0.28585	0.51721	0.28669	4.39E-03	3.76E-05	7.69E-03	0.012113	4.48E-03	3.71E-05	8.55E-03	0.013072	4.26E-03	4.70E-05	1.64E-02	2.07E-02
4040	493863.09	3854377.25	0.26383	0.43665	0.26538	4.05E-03	3.18E-05	7.12E-03	0.011198	4.14E-03	3.13E-05	7.92E-03	0.012085	3.93E-03	3.97E-05	1.52E-02	1.92E-02
4041	494363.09	3854377.25	0.2385	0.40827	0.24524	3.66E-03	2.97E-05	6.58E-03	0.010267	3.74E-03	2.93E-05	7.32E-03	0.011085	3.55E-03	3.71E-05	1.40E-02	1.76E-02
4042	494863.09	3854377.25	0.17806	0.2952	0.1855	2.73E-03	2.15E-05	4.98E-03	0.007729	2.79E-03	2.12E-05	5.53E-03	0.008347	2.65E-03	2.69E-05	1.06E-02	1.33E-02
4043	495363.09	3854377.25	0.13506	0.21866	0.14067	2.07E-03	1.59E-05	3.77E-03	0.005861	2.12E-03	1.57E-05	4.20E-03	0.00633	2.01E-03	1.99E-05	8.06E-03	1.01E-02
4044	495863.09	3854377.25	0.11081	0.18607	0.11466	1.70E-03	1.35E-05	3.08E-03	0.004789	1.74E-03	1.33E-05	3.42E-03	0.005171	1.65E-03	1.69E-05	6.57E-03	8.24E-03
4045	496363.09	3854377.25	0.10048	0.16815	0.10528	1.54E-03	1.22E-05	2.82E-03	0.004378	1.58E-03	1.20E-05	3.14E-03	0.004728	1.50E-03	1.53E-05	6.03E-03	7.54E-03
4046	496863.09	3854377.25	0.08802	0.13644	0.09135	1.35E-03	9.93E-06	2.45E-03	0.003811	1.38E-03	9.78E-06	2.73E-03	0.004115	1.31E-03	1.24E-05	5.23E-03	6.56E-03
4047	497363.09	3854377.25	0.07236	0.10553	0.07397	1.11E-03	7.68E-06	1.98E-03	0.003102	1.13E-03	7.56E-06	2.21E-03	0.003349	1.08E-03	9.60E-06	4.24E-03	5.32E-03
4048	497863.09	3854377.25	0.07379	0.11091	0.07483	1.13E-03	8.07E-06	2.01E-03	0.003147	1.16E-03	7.95E-06	2.23E-03	0.003397	1.10E-03	1.01E-05	4.29E-03	5.40E-03
4049	498363.09	3854377.25	0.06598	0.09155	0.06679	1.01E-03	6.66E-06	1.79E-03	0.00281	1.03E-03	6.56E-06	1.99E-03	0.003034	9.83E-04	8.33E-06	3.83E-03	4.82E-03
4050	471363.09	3854877.25	0.11137	0.19777	0.12122	1.71E-03	1.44E-05	3.25E-03	0.004975	1.75E-03	1.42E-05	3.62E-03	0.005377	1.66E-03	1.80E-05	6.94E-03	8.62E-03
4051	471863.09	3854877.25	0.12297	0.21459	0.13042	1.89E-03	1.56E-05	3.50E-03	0.005401	1.93E-03	1.54E-05	3.89E-03	0.005834	1.83E-03	1.95E-05	7.47E-03	9.32E-03
4052	472363.09	3854877.25	0.13093	0.22448	0.13968	2.01E-03	1.63E-05	3.75E-03	0.005772	2.05E-03	1.61E-05	4.17E-03	0.006236	1.95E-03	2.04E-05	8.00E-03	9.97E-03
4053	472863.09	3854877.25	0.12897	0.22407	0.14294	1.98E-03	1.63E-05	3.83E-03	0.005829	2.02E-03	1.61E-05	4.26E-03	0.006302	1.92E-03	2.04E-05	8.19E-03	1.01E-02
4054	473363.09	3854877.25	0.14783	0.24371	0.15616	2.27E-03	1.77E-05	4.19E-03	0.006475	2.32E-03	1.75E-05	4.66E-03	0.006994	2.20E-03	2.22E-05	8.95E-03	1.12E-02
4055	473863.09	3854877.25	0.16553	0.27647	0.18263	2.54E-03	2.01E-05	4.90E-03	0.007458	2.60E-03	1.98E-05	5.45E-03	0.008063	2.47E-03	2.51E-05	1.05E-02	1.30E-02
4056	474363.09	3854877.25	0.18994	0.30895	0.20907	2.91E-03	2.25E-05	5.61E-03	0.008545	2.98E-03	2.21E-05	6.24E-03	0.009237	2.83E-03	2.81E-05	1.20E-02	1.48E-02
4057	474863.09	3854877.25	0.13859	0.20182	0.14385	2.13E-03	1.47E-05	3.86E-03	0.006	2.17E-03	1.45E-05	4.29E-03	0.006479	2.06E-03	1.84E-05	8.24E-03	1.03E-02
4058	475363.09	3854877.25	0.10245	0.16142	0.10564	1.57E-03	1.18E-05	2.83E-03	0.004417	1.61E-03	1.16E-05	3.15E-03	0.004769	1.53E-03	1.47E-05	6.05E-03	7.59E-03
4059	475863.09	3854877.25	0.08642	0.11695	0.09005	1.33E-03	8.51E-06	2.42E-03	0.00375	1.35E-03	8.38E-06	2.69E-03	0.00405	1.29E-03	1.06E-05	5.16E-03	6.46E-03
4060	476363.09	3854877.25	0.06382	0.09397	0.0739	9.79E-04	6.84E-06	1.98E-03	0.002968	1.00E-03	6.73E-06	2.20E-03	0.003212	9.51E-04	8.55E-06	4.23E-03	5.19E-03
4061	476863.09	3854877.25	0.06804	0.0949	0.07837	1.04E-03	6.91E-06	2.10E-03	0.003153	1.07E-03	6.80E-06	2.34E-03	0.003412	1.01E-03	8.63E-06	4.49E-03	5.51E-03
4062	477363.09	3854877.25	0.08076	0.11193	0.08724	1.24E-03	8.15E-06	2.34E-03	0.003587	1.27E-03	8.02E-06	2.60E-03	0.003877	1.20E-03	1.02E-05	5.00E-03	6.21E-03
4063	477863.09	3854877.25	0.0913	0.12727	0.09787	1.40E-03	9.26E-06	2.62E-03	0.004035	1.43E-03	9.12E-06	2.92E-03	0.00436	1.36E-03	1.16E-05	5.61E-03	6.98E-03
4064	478363.09	3854877.25	0.1189	0.15959	0.12443	1.82E-03	1.16E-05	3.34E-03	0.005173	1.86E-03	1.14E-05	3.71E-03	0.005588	1.77E-03	1.45E-05	7.13E-03	8.91E-03
4065	478863.09	3854877.25	0.14923	0.2183	0.15027	2.29E-03	1.59E-05	4.03E-03	0.006336	2.34E-03	1.56E-05	4.48E-03	0.006838	2.22E-03	1.99E-05	8.61E-03	1.09E-02
4066	479363.09	3854877.25	0.19232	0.32895	0.20277	2.95E-03	2.39E-05	5.44E-03	0.008414	3.02E-03	2.36E-05	6.05E-03	0.009088	2.87E-03	2.99E-05	1.16E-02	1.45E-02
4067	479863.09	3854877.25	0.30089	0.40339	0.30656	4.62E-03	2.94E-05	8.22E-03	0.012869	4.72E-03	2.89E-05	9.15E-03	0.013892	4.48E-03	3.67E-05	1.76E-02	2.21E-02
4068	480363.09	3854877.25	0.38737	0.56738	0.38377	5.94E-03	4.13E-05	1.03E-02	0.016278	6.07E-03	4.07E-05	1.14E-02	0.017563	5.77E-03	5.16E-05	2.20E-02	2.78E-02
4069	480863.09	3854877.25	0.69531	1.16292	0.63395	1.07E-02	8.47E-05	1.70E-02	0.027757	1.09E-02	8.33E-05	1.89E-02	0.029897	1.04E-02	1.06E-04	3.63E-02	4.68E-02
4070	481363.09	3854877.25	0.91232	1.57739	0.89506	1.40E-02	1.15E-04	2.40E-02	0.03812	1.43E-02	1.13E-04	2.67E-02	0.041119	1.36E-02	1.43E-04	5.13E-02	6.50E-02
4071	481863.09	3854877.25	0.959	1.49796	0.92806	1.47E-02	1.09E-04	2.49E-02	0.039716	1.50E-02	1.07E-04	2.77E-02	0.04283	1.43E-02	1.36E-04	5.32E-02	6.76E-02
4072	482363.09	3854877.25	2.07759	6.02585	2.57385	3.19E-02	4.39E-04	6.90E-02	0.101352	3.26E-02	4.32E-04	7.68E-02	0.10979	3.10E-02	5.48E-04	1.47E-01	1.79E-01
4073	482863.09	3854877.25	3.65533	11.7659	4.57032	5.61E-02	8.56E-04	1.23E-01	0.179526	5.73E-02	8.43E-04	1.36E-01	0.194499	5.45E-02	1.07E-03	2.62E-01	3.17E-01
4074	483363.09	3854877.25	8.3462	40.20918	10.59851	1.28E-01	2.93E-03	2.84E-01	0.415258	1.31E-01	2.88E-03	3.16E-01	0.44992	1.24E-01	3.66E-03	6.07E-01	7.35E-01
4075	483863.09	3854877.25	7.73281	19.99479	5.63807	1.19E-01	1.46E-03	1.51E-01	0.271333	1.21E-01	1.43E-03	1.68E-01	0.290873	1.15E-01	1.82E-03	3.23E-01	4.40E-01
4076	484363.09	3854877.25	2.37405	6.44813	1.88737	3.64E-02	4.69E-04	5.06E-02	0.08752	3.72E-02	4.62E-04	5.63E-02	0.09399	3.54E-02	5.87E-04	1.08E-01	1.44E-01
4077	484863.09	3854877.25	1.4076	4.0093	1.09686	2.16E-02	2.92E-04	2.94E-02	0.05131	2.21E-02	2.87E-04	3.27E-02	0.055079	2.10E-02	3.65E-04	6.28E-02	8.42E-02
4078	485363.09	3854877.25	0.9792	2.85641	0.82924	1.50E-02	2.08E-04	2.22E-02	0.037475	1.54E-02	2.05E-04	2.47E-02	0.040296	1.46E-02	2.60E-04	4.75E-02	6.23E-02
4079	485863.09	3854877.25	0.75248	2.17264	0.64105	1.15E-02	1.58E-04	1.72E-02	0.028898	1.18E-02	1.56E-04	1.91E-02	0.031078	1.12E-02	1.98E-04	3.67E-02	4.81E-02
4080	486363.09	3854877.25	0.59708	1.62528	0.53161	9.16E-03	1.18E-04	1.43E-02	0.023539	9.36E-03	1.16E-04	1.59E-02	0.025337	8.89E-03	1.48E-04	3.05E-02	3.95E-02
4081	486863.09	3854877.25	0.51937	1.37551	0.46442	7.97E-03	1.00E-04	1.25E-02	0.020526	8.14E-03	9.86E-05	1.39E-02	0.022097	7.74E-03	1.25E-04	2.66E-02	3.45E-02
4082	487363.09	3854877.25	0.5273	1.30824	0.49134	8.09E-03	9.52E-05	1.32E-02	0.021365	8.27E-03	9.37E-05	1.47E-02	0.023019	7.86E-03	1.19E-04	2.81E-02	3.61E-02
4083	487863.09	3854877.25	0.53995	1.30321	0.50422	8.29E-03	9.49E-05	1.35E-02	0.021904	8.47E-03	9.34E-05	1.50E-02	0.023601	8.04E-03	1.19E-04	2.89E-02	3.70E-02
4084	488363.09	3854877.25	0.55579	1.23903	0.5305	8.53E-03	9.02E-05	1.42E-02	0.022847	8.71E-03	8.88E-05	1.58E-02	0.024629	8.28E-03	1.13E-04	3.04E-02	3.88E-02
4085	488863.09	3854877.25	0.55919	1.23423	0.54147	8.58E-03	8.98E-05	1.45E-02	0.023193	8.77E-03	8.84E-05	1.62E-02	0.025009	8.33E-03	1.12E-04	3.10E-02	3.95E-02

4086	489363.09	3854877.25	0.53448	1.13321	0.52502	8.20E-03	8.25E-05	1.41E-02	0.022365	8.38E-03	8.12E-05	1.57E-02	0.024124	7.96E-03	1.03E-04	3.01E-02	3.81E-02
4087	489863.09	3854877.25	0.48128	0.91822	0.47617	7.39E-03	6.68E-05	1.28E-02	0.020223	7.55E-03	6.58E-05	1.42E-02	0.021817	7.17E-03	8.35E-05	2.73E-02	3.45E-02
4088	490363.09	3854877.25	0.30728	0.60607	0.29799	4.72E-03	4.41E-05	7.99E-03	0.012752	4.82E-03	4.34E-05	8.89E-03	0.013751	4.58E-03	5.51E-05	1.71E-02	2.17E-02
4089	490863.09	3854877.25	0.20652	0.40894	0.20419	3.17E-03	2.98E-05	5.48E-03	0.008675	3.24E-03	2.93E-05	6.09E-03	0.009359	3.08E-03	3.72E-05	1.17E-02	1.48E-02
4090	491363.09	3854877.25	0.22723	0.43286	0.22263	3.49E-03	3.15E-05	5.97E-03	0.009489	3.56E-03	3.10E-05	6.64E-03	0.010235	3.39E-03	3.94E-05	1.28E-02	1.62E-02
4091	491863.09	3854877.25	0.41513	0.71321	0.41122	6.37E-03	5.19E-05	1.10E-02	0.017451	6.51E-03	5.11E-05	1.23E-02	0.018828	6.18E-03	6.49E-05	2.36E-02	2.98E-02
4092	492363.09	3854877.25	0.41688	0.7431	0.42803	6.40E-03	5.41E-05	1.15E-02	0.017931	6.54E-03	5.32E-05	1.28E-02	0.019359	6.21E-03	6.76E-05	2.45E-02	3.08E-02
4093	492863.09	3854877.25	0.38629	0.60821	0.39533	5.93E-03	4.43E-05	1.06E-02	0.016575	6.06E-03	4.36E-05	1.18E-02	0.017894	5.75E-03	5.53E-05	2.26E-02	2.85E-02
4094	493363.09	3854877.25	0.33822	0.5256	0.3601	5.19E-03	3.83E-05	9.66E-03	0.014886	5.30E-03	3.77E-05	1.07E-02	0.016083	5.04E-03	4.78E-05	2.06E-02	2.57E-02
4095	493863.09	3854877.25	0.30574	0.45301	0.32137	4.69E-03	3.30E-05	8.62E-03	0.013344	4.79E-03	3.25E-05	9.59E-03	0.014413	4.55E-03	4.12E-05	1.84E-02	2.30E-02
4096	494363.09	3854877.25	0.20756	0.31877	0.21657	3.19E-03	2.32E-05	5.81E-03	0.009017	3.25E-03	2.28E-05	6.46E-03	0.009738	3.09E-03	2.90E-05	1.24E-02	1.55E-02
4097	494863.09	3854877.25	0.14092	0.21945	0.14357	2.16E-03	1.60E-05	3.85E-03	0.006029	2.21E-03	1.57E-05	4.28E-03	0.006508	2.10E-03	2.00E-05	8.22E-03	1.03E-02
4098	495363.09	3854877.25	0.11426	0.17323	0.11531	1.75E-03	1.26E-05	3.09E-03	0.004859	1.79E-03	1.24E-05	3.44E-03	0.005244	1.70E-03	1.58E-05	6.61E-03	8.32E-03
4099	495863.09	3854877.25	0.09633	0.15161	0.09836	1.48E-03	1.10E-05	2.64E-03	0.004127	1.51E-03	1.09E-05	2.93E-03	0.004456	1.44E-03	1.38E-05	5.63E-03	7.08E-03
4100	496363.09	3854877.25	0.07801	0.11688	0.08023	1.20E-03	8.51E-06	2.15E-03	0.003357	1.22E-03	8.37E-06	2.39E-03	0.003625	1.16E-03	1.06E-05	4.60E-03	5.77E-03
4101	496863.09	3854877.25	0.06934	0.10075	0.07144	1.06E-03	7.33E-06	1.92E-03	0.002987	1.09E-03	7.22E-06	2.13E-03	0.003226	1.03E-03	9.16E-06	4.09E-03	5.13E-03
4102	497363.09	3854877.25	0.06628	0.09488	0.06847	1.02E-03	6.91E-06	1.84E-03	0.00286	1.04E-03	6.80E-06	2.04E-03	0.003089	9.87E-04	8.63E-06	3.92E-03	4.92E-03
4103	497863.09	3854877.25	0.07018	0.10156	0.07254	1.08E-03	7.39E-06	1.95E-03	0.00303	1.10E-03	7.28E-06	2.16E-03	0.003272	1.05E-03	9.24E-06	4.16E-03	5.21E-03
4104	498363.09	3854877.25	0.06809	0.09641	0.07033	1.04E-03	7.02E-06	1.89E-03	0.002938	1.07E-03	6.91E-06	2.10E-03	0.003173	1.01E-03	8.77E-06	4.03E-03	5.05E-03
4105	471363.09	3855377.25	0.1195	0.14706	0.12902	1.83E-03	1.07E-05	3.46E-03	0.005305	1.87E-03	1.05E-05	3.85E-03	0.005733	1.78E-03	1.34E-05	7.39E-03	9.18E-03
4106	471863.09	3855377.25	0.12252	0.15544	0.13097	1.88E-03	1.13E-05	3.51E-03	0.005404	1.92E-03	1.11E-05	3.91E-03	0.005839	1.83E-03	1.41E-05	7.50E-03	9.34E-03
4107	472363.09	3855377.25	0.13546	0.17271	0.14229	2.08E-03	1.26E-05	3.82E-03	0.005908	2.12E-03	1.24E-05	4.24E-03	0.006381	2.02E-03	1.57E-05	8.15E-03	1.02E-02
4108	472863.09	3855377.25	0.13861	0.18171	0.14289	2.13E-03	1.32E-05	3.83E-03	0.005973	2.17E-03	1.30E-05	4.26E-03	0.006449	2.06E-03	1.65E-05	8.19E-03	1.03E-02
4109	473363.09	3855377.25	0.15775	0.21017	0.16258	2.42E-03	1.53E-05	4.36E-03	0.006796	2.47E-03	1.51E-05	4.85E-03	0.007339	2.35E-03	1.91E-05	9.31E-03	1.17E-02
4110	473863.09	3855377.25	0.17187	0.22443	0.17882	2.64E-03	1.63E-05	4.80E-03	0.00745	2.69E-03	1.61E-05	5.33E-03	0.008045	2.56E-03	2.04E-05	1.02E-02	1.28E-02
4111	474363.09	3855377.25	0.17832	0.23254	0.1889	2.74E-03	1.69E-05	5.07E-03	0.00782	2.80E-03	1.67E-05	5.64E-03	0.008448	2.66E-03	2.12E-05	1.08E-02	1.35E-02
4112	474863.09	3855377.25	0.1296	0.18703	0.14006	1.99E-03	1.36E-05	3.76E-03	0.005759	2.03E-03	1.34E-05	4.18E-03	0.006224	1.93E-03	1.70E-05	8.02E-03	9.97E-03
4113	475363.09	3855377.25	0.07022	0.10309	0.07058	1.08E-03	7.50E-06	1.89E-03	0.002978	1.10E-03	7.39E-06	2.11E-03	0.003214	1.05E-03	9.38E-06	4.04E-03	5.10E-03
4114	475863.09	3855377.25	0.06327	0.09912	0.06766	9.71E-04	7.22E-06	1.81E-03	0.002793	9.92E-04	7.10E-06	2.02E-03	0.003018	9.43E-04	9.02E-06	3.88E-03	4.83E-03
4115	476363.09	3855377.25	0.07004	0.11277	0.07103	1.07E-03	8.21E-06	1.91E-03	0.002988	1.10E-03	8.08E-06	2.12E-03	0.003225	1.04E-03	1.03E-05	4.07E-03	5.12E-03
4116	476863.09	3855377.25	0.07141	0.11198	0.07679	1.10E-03	8.15E-06	2.06E-03	0.003163	1.12E-03	8.02E-06	2.29E-03	0.003418	1.06E-03	1.02E-05	4.40E-03	5.47E-03
4117	477363.09	3855377.25	0.07655	0.12015	0.08224	1.17E-03	8.75E-06	2.21E-03	0.003389	1.20E-03	8.61E-06	2.45E-03	0.003662	1.14E-03	1.09E-05	4.71E-03	5.86E-03
4118	477863.09	3855377.25	0.09085	0.13966	0.09551	1.39E-03	1.02E-05	2.56E-03	0.003966	1.42E-03	1.00E-05	2.85E-03	0.004284	1.35E-03	1.27E-05	5.47E-03	6.84E-03
4119	478363.09	3855377.25	0.11971	0.17047	0.1227	1.84E-03	1.24E-05	3.29E-03	0.00514	1.88E-03	1.22E-05	3.66E-03	0.00555	1.78E-03	1.55E-05	7.03E-03	8.83E-03
4120	478863.09	3855377.25	0.14132	0.19291	0.14321	2.17E-03	1.40E-05	3.84E-03	0.006024	2.22E-03	1.38E-05	4.27E-03	0.006502	2.11E-03	1.75E-05	8.20E-03	1.03E-02
4121	479363.09	3855377.25	0.17257	0.27975	0.17938	2.65E-03	2.04E-05	4.81E-03	0.00748	2.71E-03	2.00E-05	5.35E-03	0.008077	2.57E-03	2.54E-05	1.03E-02	1.29E-02
4122	479863.09	3855377.25	0.25795	0.36292	0.27749	3.96E-03	2.64E-05	7.44E-03	0.011427	4.04E-03	2.60E-05	8.28E-03	0.012349	3.84E-03	3.30E-05	1.59E-02	1.98E-02
4123	480363.09	3855377.25	0.39886	0.55432	0.39403	6.12E-03	4.04E-05	1.06E-02	0.016729	6.25E-03	3.97E-05	1.18E-02	0.018048	5.94E-03	5.04E-05	2.26E-02	2.86E-02
4124	480863.09	3855377.25	0.73356	1.16376	0.74081	1.13E-02	8.47E-05	1.99E-02	0.03121	1.15E-02	8.34E-05	2.21E-02	0.033685	1.09E-02	1.06E-04	4.24E-02	5.35E-02
4125	481363.09	3855377.25	1.1473	2.03145	1.24824	1.76E-02	1.48E-04	3.35E-02	0.051232	1.80E-02	1.46E-04	3.72E-02	0.055372	1.71E-02	1.85E-04	7.15E-02	8.88E-02
4126	481863.09	3855377.25	1.53212	3.09344	1.75479	2.35E-02	2.25E-04	4.71E-02	0.0708	2.40E-02	2.22E-04	5.23E-02	0.076593	2.28E-02	2.81E-04	1.01E-01	1.24E-01
4127	482363.09	3855377.25	1.8987	4.8749	2.26014	2.91E-02	3.55E-04	6.06E-02	0.090109	2.98E-02	3.49E-04	6.74E-02	0.097544	2.83E-02	4.43E-04	1.29E-01	1.58E-01
4128	482863.09	3855377.25	2.83383	7.65717	2.92717	4.35E-02	5.57E-04	7.85E-02	0.122551	4.44E-02	5.49E-04	8.73E-02	0.132305	4.22E-02	6.97E-04	1.68E-01	2.11E-01
4129	483363.09	3855377.25	4.15513	12.11407	4.02053	6.38E-02	8.82E-04	1.08E-01	0.172476	6.51E-02	8.68E-04	1.20E-01	0.185959	6.19E-02	1.10E-03	2.30E-01	2.93E-01
4130	483863.09	3855377.25	8.3162	19.12103	9.42542	1.28E-01	1.39E-03	2.53E-01	0.3818	1.30E-01	1.37E-03	2.81E-01	0.412943	1.24E-01	1.74E-03	5.40E-01	6.66E-01
4131	484363.09	3855377.25	9.32129	10.32719	7.09572	1.43E-01	7.52E-04	1.90E-01	0.334099	1.46E-01	7.40E-04	2.12E-01	0.358571	1.39E-01	9.39E-04	4.06E-01	5.46E-01
4132	484863.09	3855377.25	4.70887	6.95281	3.92364	7.23E-02	5.06E-04	1.05E-01	0.177998	7.38E-02	4.98E-04	1.17E-01	0.19138	7.01E-02	6.32E-04	2.25E-01	2.96E-01

4133	485363.09	3855377.25	2.57672	4.27472	2.23683	3.95E-02	3.11E-04	6.00E-02	0.099844	4.04E-02	3.06E-04	6.67E-02	0.107437	3.84E-02	3.89E-04	1.28E-01	1.67E-01
4134	485863.09	3855377.25	1.80326	3.36303	1.53296	2.77E-02	2.45E-04	4.11E-02	0.069031	2.83E-02	2.41E-04	4.57E-02	0.074246	2.69E-02	3.06E-04	8.78E-02	1.15E-01
4135	486363.09	3855377.25	1.24901	2.12552	1.04899	1.92E-02	1.55E-04	2.81E-02	0.047455	1.96E-02	1.52E-04	3.13E-02	0.051029	1.86E-02	1.93E-04	6.01E-02	7.89E-02
4136	486863.09	3855377.25	0.90415	1.61945	0.8028	1.39E-02	1.18E-04	2.15E-02	0.035524	1.42E-02	1.16E-04	2.39E-02	0.038242	1.35E-02	1.47E-04	4.60E-02	5.96E-02
4137	487363.09	3855377.25	0.86245	1.68757	0.82579	1.32E-02	1.23E-04	2.21E-02	0.035505	1.35E-02	1.21E-04	2.46E-02	0.038279	1.28E-02	1.54E-04	4.73E-02	6.03E-02
4138	487863.09	3855377.25	0.82344	1.5777	0.81818	1.26E-02	1.15E-04	2.19E-02	0.034695	1.29E-02	1.13E-04	2.44E-02	0.037432	1.23E-02	1.44E-04	4.69E-02	5.93E-02
4139	488363.09	3855377.25	0.82581	1.49607	0.83098	1.27E-02	1.09E-04	2.23E-02	0.035068	1.29E-02	1.07E-04	2.48E-02	0.037845	1.23E-02	1.36E-04	4.76E-02	6.00E-02
4140	488863.09	3855377.25	0.78976	1.35095	0.82757	1.21E-02	9.83E-05	2.22E-02	0.034413	1.24E-02	9.68E-05	2.47E-02	0.037168	1.18E-02	1.23E-04	4.74E-02	5.93E-02
4141	489363.09	3855377.25	0.75224	1.23121	0.7806	1.15E-02	8.96E-05	2.09E-02	0.032569	1.18E-02	8.82E-05	2.33E-02	0.03517	1.12E-02	1.12E-04	4.47E-02	5.60E-02
4142	489863.09	3855377.25	0.67922	1.07034	0.67769	1.04E-02	7.79E-05	1.82E-02	0.028677	1.06E-02	7.67E-05	2.02E-02	0.030943	1.01E-02	9.74E-05	3.88E-02	4.90E-02
4143	490363.09	3855377.25	0.65022	1.08193	0.67034	9.98E-03	7.88E-05	1.80E-02	0.028035	1.02E-02	7.75E-05	2.00E-02	0.03027	9.69E-03	9.84E-05	3.84E-02	4.82E-02
4144	490863.09	3855377.25	0.32246	0.50608	0.31279	4.95E-03	3.68E-05	8.39E-03	0.013374	5.06E-03	3.63E-05	9.33E-03	0.014423	4.80E-03	4.60E-05	1.79E-02	2.28E-02
4145	491363.09	3855377.25	0.26556	0.39346	0.25915	4.08E-03	2.86E-05	6.95E-03	0.011054	4.16E-03	2.82E-05	7.73E-03	0.011923	3.96E-03	3.58E-05	1.48E-02	1.88E-02
4146	491863.09	3855377.25	0.4964	0.82265	0.52214	7.62E-03	5.99E-05	1.40E-02	0.021681	7.78E-03	5.89E-05	1.56E-02	0.023419	7.39E-03	7.48E-05	2.99E-02	3.74E-02
4147	492363.09	3855377.25	0.47992	0.81145	0.51385	7.36E-03	5.91E-05	1.38E-02	0.021205	7.52E-03	5.81E-05	1.53E-02	0.022912	7.15E-03	7.38E-05	2.94E-02	3.67E-02
4148	492863.09	3855377.25	0.44211	0.70841	0.46792	6.78E-03	5.16E-05	1.25E-02	0.019386	6.93E-03	5.08E-05	1.40E-02	0.020942	6.59E-03	6.44E-05	2.68E-02	3.35E-02
4149	493363.09	3855377.25	0.36255	0.56181	0.37909	5.56E-03	4.09E-05	1.02E-02	0.015772	5.68E-03	4.03E-05	1.13E-02	0.017034	5.40E-03	5.11E-05	2.17E-02	2.72E-02
4150	493863.09	3855377.25	0.2485	0.32781	0.25533	3.81E-03	2.39E-05	6.85E-03	0.010685	3.90E-03	2.35E-05	7.62E-03	0.011537	3.70E-03	2.98E-05	1.46E-02	1.84E-02
4151	494363.09	3855377.25	0.16452	0.2266	0.16815	2.52E-03	1.65E-05	4.51E-03	0.007051	2.58E-03	1.62E-05	5.02E-03	0.007612	2.45E-03	2.06E-05	9.63E-03	1.21E-02
4152	494863.09	3855377.25	0.1189	0.15815	0.12042	1.82E-03	1.15E-05	3.23E-03	0.005066	1.86E-03	1.13E-05	3.59E-03	0.005468	1.77E-03	1.44E-05	6.90E-03	8.68E-03
4153	495363.09	3855377.25	0.0961	0.12712	0.09752	1.47E-03	9.25E-06	2.62E-03	0.004099	1.51E-03	9.11E-06	2.91E-03	0.004425	1.43E-03	1.16E-05	5.59E-03	7.03E-03
4154	495863.09	3855377.25	0.08032	0.10669	0.08291	1.23E-03	7.77E-06	2.22E-03	0.003464	1.26E-03	7.64E-06	2.47E-03	0.00374	1.20E-03	9.70E-06	4.75E-03	5.96E-03
4155	496363.09	3855377.25	0.0749	0.09924	0.07949	1.15E-03	7.22E-06	2.13E-03	0.003289	1.17E-03	7.11E-06	2.37E-03	0.003553	1.12E-03	9.03E-06	4.55E-03	5.68E-03
4156	496863.09	3855377.25	0.07161	0.0955	0.0759	1.10E-03	6.95E-06	2.04E-03	0.003141	1.12E-03	6.84E-06	2.26E-03	0.003394	1.07E-03	8.69E-06	4.35E-03	5.42E-03
4157	497363.09	3855377.25	0.07192	0.09209	0.07519	1.10E-03	6.70E-06	2.02E-03	0.003127	1.13E-03	6.60E-06	2.24E-03	0.003377	1.07E-03	8.38E-06	4.31E-03	5.39E-03
4158	497863.09	3855377.25	0.07246	0.09313	0.07803	1.11E-03	6.78E-06	2.09E-03	0.003211	1.14E-03	6.67E-06	2.33E-03	0.003471	1.08E-03	8.47E-06	4.47E-03	5.56E-03
4159	498363.09	3855377.25	0.07455	0.09988	0.08023	1.14E-03	7.27E-06	2.15E-03	0.003303	1.17E-03	7.16E-06	2.39E-03	0.003569	1.11E-03	9.09E-06	4.60E-03	5.72E-03
4160	471363.09	3855877.25	0.12367	0.16124	0.14125	1.90E-03	1.17E-05	3.79E-03	0.005698	1.94E-03	1.16E-05	4.21E-03	0.006164	1.84E-03	1.47E-05	8.09E-03	9.95E-03
4161	471863.09	3855877.25	0.13316	0.16604	0.14473	2.04E-03	1.21E-05	3.88E-03	0.005937	2.09E-03	1.19E-05	4.32E-03	0.006417	1.98E-03	1.51E-05	8.29E-03	1.03E-02
4162	472363.09	3855877.25	0.14921	0.19882	0.15811	2.29E-03	1.45E-05	4.24E-03	0.006545	2.34E-03	1.42E-05	4.72E-03	0.007071	2.22E-03	1.81E-05	9.06E-03	1.13E-02
4163	472863.09	3855877.25	0.14621	0.20085	0.1571	2.24E-03	1.46E-05	4.21E-03	0.006472	2.29E-03	1.44E-05	4.69E-03	0.006993	2.18E-03	1.83E-05	9.00E-03	1.12E-02
4164	473363.09	3855877.25	0.1636	0.23893	0.17534	2.51E-03	1.74E-05	4.70E-03	0.007231	2.57E-03	1.71E-05	5.23E-03	0.007813	2.44E-03	2.17E-05	1.00E-02	1.25E-02
4165	473863.09	3855877.25	0.17522	0.26304	0.18714	2.69E-03	1.91E-05	5.02E-03	0.007727	2.75E-03	1.88E-05	5.58E-03	0.008349	2.61E-03	2.39E-05	1.07E-02	1.34E-02
4166	474363.09	3855877.25	0.18318	0.29834	0.19243	2.81E-03	2.17E-05	5.16E-03	0.007994	2.87E-03	2.14E-05	5.74E-03	0.008634	2.73E-03	2.71E-05	1.10E-02	1.38E-02
4167	474863.09	3855877.25	0.11715	0.18304	0.12288	1.80E-03	1.33E-05	3.30E-03	0.005107	1.84E-03	1.31E-05	3.67E-03	0.005516	1.75E-03	1.66E-05	7.04E-03	8.80E-03
4168	475363.09	3855877.25	0.07254	0.11182	0.07713	1.11E-03	8.14E-06	2.07E-03	0.00319	1.14E-03	8.01E-06	2.30E-03	0.003446	1.08E-03	1.02E-05	4.42E-03	5.51E-03
4169	475863.09	3855877.25	0.04759	0.05727	0.05276	7.30E-04	4.17E-06	1.42E-03	0.002149	7.46E-04	4.10E-06	1.57E-03	0.002324	7.09E-04	5.21E-06	3.02E-03	3.74E-03
4170	476363.09	3855877.25	0.05187	0.06773	0.05716	7.96E-04	4.93E-06	1.53E-03	0.002334	8.13E-04	4.85E-06	1.71E-03	0.002523	7.73E-04	6.16E-06	3.27E-03	4.05E-03
4171	476863.09	3855877.25	0.07141	0.09605	0.07242	1.10E-03	6.99E-06	1.94E-03	0.003045	1.12E-03	6.88E-06	2.16E-03	0.003287	1.06E-03	8.74E-06	4.15E-03	5.22E-03
4172	477363.09	3855877.25	0.08103	0.11477	0.0827	1.24E-03	8.35E-06	2.22E-03	0.00347	1.27E-03	8.22E-06	2.47E-03	0.003746	1.21E-03	1.04E-05	4.74E-03	5.96E-03
4173	477863.09	3855877.25	0.09627	0.14362	0.09574	1.48E-03	1.05E-05	2.57E-03	0.004056	1.51E-03	1.03E-05	2.86E-03	0.004376	1.43E-03	1.31E-05	5.48E-03	6.93E-03
4174	478363.09	3855877.25	0.11242	0.17713	0.12012	1.73E-03	1.29E-05	3.22E-03	0.00496	1.76E-03	1.27E-05	3.58E-03	0.005359	1.67E-03	1.61E-05	6.88E-03	8.57E-03
4175	478863.09	3855877.25	0.1424	0.23769	0.1555	2.19E-03	1.73E-05	4.17E-03	0.006373	2.23E-03	1.70E-05	4.64E-03	0.006889	2.12E-03	2.16E-05	8.91E-03	1.11E-02
4176	479363.09	3855877.25	0.20497	0.30273	0.21551	3.15E-03	2.20E-05	5.78E-03	0.008947	3.21E-03	2.17E-05	6.43E-03	0.009665	3.05E-03	2.75E-05	1.23E-02	1.54E-02
4177	479863.09	3855877.25	0.28806	0.42705	0.30714	4.42E-03	3.11E-05	8.24E-03	0.012689	4.52E-03	3.06E-05	9.16E-03	0.01371	4.29E-03	3.88E-05	1.76E-02	2.19E-02
4178	480363.09	3855877.25	0.43126	0.63622	0.43175	6.62E-03	4.63E-05	1.16E-02	0.018244	6.76E-03	4.56E-05	1.29E-02	0.019687	6.42E-03	5.79E-05	2.47E-02	3.12E-02
4179	480863.09	3855877.25	0.70616	1.06319	0.70334	1.08E-02	7.74E-05	1.89E-02	0.029777	1.11E-02	7.62E-05	2.10E-02	0.03213	1.05E-02	9.67E-05	4.03E-02	5.09E-02

4180	481363.09	3855877.25	0.78303	1.09191	0.76876	1.20E-02	7.95E-05	2.06E-02	0.032714	1.23E-02	7.82E-05	2.29E-02	0.035289	1.17E-02	9.93E-05	4.40E-02	5.58E-02
4181	481863.09	3855877.25	1.52047	3.22062	1.61234	2.33E-02	2.34E-04	4.32E-02	0.06681	2.38E-02	2.31E-04	4.81E-02	0.07217	2.27E-02	2.93E-04	9.24E-02	1.15E-01
4182	482363.09	3855877.25	1.72187	3.68643	1.91925	2.64E-02	2.68E-04	5.15E-02	0.078166	2.70E-02	2.64E-04	5.73E-02	0.084517	2.57E-02	3.35E-04	1.10E-01	1.36E-01
4183	482863.09	3855877.25	2.2309	4.82666	2.41788	3.42E-02	3.51E-04	6.48E-02	0.099434	3.50E-02	3.46E-04	7.21E-02	0.107455	3.32E-02	4.39E-04	1.39E-01	1.72E-01
4184	483363.09	3855877.25	2.8837	5.0346	2.88131	4.43E-02	3.66E-04	7.73E-02	0.121895	4.52E-02	3.61E-04	8.60E-02	0.131531	4.30E-02	4.58E-04	1.65E-01	2.08E-01
4185	483863.09	3855877.25	3.97024	4.46699	3.90029	6.09E-02	3.25E-04	1.05E-01	0.165857	6.22E-02	3.20E-04	1.16E-01	0.178925	5.91E-02	4.06E-04	2.23E-01	2.83E-01
4186	484363.09	3855877.25	8.33007	5.89643	8.27689	1.28E-01	4.29E-04	2.22E-01	0.350246	1.31E-01	4.22E-04	2.47E-01	0.377949	1.24E-01	5.36E-04	4.74E-01	5.99E-01
4187	484863.09	3855877.25	10.61543	4.96465	11.35039	1.63E-01	3.61E-04	3.04E-01	0.46768	1.66E-01	3.56E-04	3.39E-01	0.505405	1.58E-01	4.52E-04	6.50E-01	8.09E-01
4188	485363.09	3855877.25	5.63659	4.24128	5.7643	8.65E-02	3.09E-04	1.55E-01	0.241405	8.84E-02	3.04E-04	1.72E-01	0.260643	8.40E-02	3.86E-04	3.30E-01	4.15E-01
4189	485863.09	3855877.25	3.03276	3.34774	3.051	4.65E-02	2.44E-04	8.18E-02	0.128611	4.76E-02	2.40E-04	9.10E-02	0.138809	4.52E-02	3.05E-04	1.75E-01	2.20E-01
4190	486363.09	3855877.25	1.89697	2.12941	1.81812	2.91E-02	1.55E-04	4.88E-02	0.078027	2.97E-02	1.53E-04	5.42E-02	0.084134	2.83E-02	1.94E-04	1.04E-01	1.33E-01
4191	486863.09	3855877.25	1.41818	1.80057	1.37672	2.18E-02	1.31E-04	3.69E-02	0.058818	2.22E-02	1.29E-04	4.11E-02	0.063436	2.11E-02	1.64E-04	7.89E-02	1.00E-01
4192	487363.09	3855877.25	1.4051	1.72387	1.35799	2.16E-02	1.25E-04	3.64E-02	0.058109	2.20E-02	1.24E-04	4.05E-02	0.062666	2.09E-02	1.57E-04	7.78E-02	9.89E-02
4193	487863.09	3855877.25	1.30541	1.79451	1.35355	2.00E-02	1.31E-04	3.63E-02	0.056465	2.05E-02	1.29E-04	4.04E-02	0.060976	1.94E-02	1.63E-04	7.75E-02	9.71E-02
4194	488363.09	3855877.25	1.17798	1.75578	1.23049	1.81E-02	1.28E-04	3.30E-02	0.051206	1.85E-02	1.26E-04	3.67E-02	0.055304	1.75E-02	1.60E-04	7.05E-02	8.82E-02
4195	488863.09	3855877.25	1.10862	1.5928	1.16143	1.70E-02	1.16E-04	3.12E-02	0.048278	1.74E-02	1.14E-04	3.46E-02	0.052144	1.65E-02	1.45E-04	6.65E-02	8.32E-02
4196	489363.09	3855877.25	1.02152	1.51267	1.07145	1.57E-02	1.10E-04	2.87E-02	0.044522	1.60E-02	1.08E-04	3.20E-02	0.048089	1.52E-02	1.38E-04	6.14E-02	7.67E-02
4197	489863.09	3855877.25	0.9339	1.28976	0.98223	1.43E-02	9.39E-05	2.63E-02	0.040769	1.46E-02	9.24E-05	2.93E-02	0.044037	1.39E-02	1.17E-04	5.63E-02	7.03E-02
4198	490363.09	3855877.25	0.84774	1.22339	0.90813	1.30E-02	8.91E-05	2.44E-02	0.037454	1.33E-02	8.77E-05	2.71E-02	0.040471	1.26E-02	1.11E-04	5.20E-02	6.48E-02
4199	490863.09	3855877.25	0.72344	1.07711	0.78732	1.11E-02	7.84E-05	2.11E-02	0.032296	1.13E-02	7.72E-05	2.35E-02	0.034908	1.08E-02	9.80E-05	4.51E-02	5.60E-02
4200	491363.09	3855877.25	0.55587	0.76906	0.59788	8.53E-03	5.60E-05	1.60E-02	0.024621	8.72E-03	5.51E-05	1.78E-02	0.026607	8.28E-03	7.00E-05	3.42E-02	4.26E-02
4201	491863.09	3855877.25	0.60505	0.8926	0.65539	9.28E-03	6.50E-05	1.76E-02	0.026927	9.49E-03	6.40E-05	1.96E-02	0.029102	9.01E-03	8.12E-05	3.75E-02	4.66E-02
4202	492363.09	3855877.25	0.52914	0.77459	0.56541	8.12E-03	5.64E-05	1.52E-02	0.023341	8.30E-03	5.55E-05	1.69E-02	0.025219	7.88E-03	7.05E-05	3.24E-02	4.03E-02
4203	492863.09	3855877.25	0.47609	0.74615	0.49481	7.31E-03	5.43E-05	1.33E-02	0.020631	7.46E-03	5.35E-05	1.48E-02	0.022279	7.09E-03	6.79E-05	2.83E-02	3.55E-02
4204	493363.09	3855877.25	0.31214	0.46339	0.32422	4.79E-03	3.37E-05	8.70E-03	0.013519	4.89E-03	3.32E-05	9.67E-03	0.0146	4.65E-03	4.22E-05	1.86E-02	2.33E-02
4205	493863.09	3855877.25	0.19894	0.268	0.20165	3.05E-03	1.95E-05	5.41E-03	0.008481	3.12E-03	1.92E-05	6.02E-03	0.009154	2.96E-03	2.44E-05	1.16E-02	1.45E-02
4206	494363.09	3855877.25	0.13224	0.16643	0.13363	2.03E-03	1.21E-05	3.58E-03	0.005625	2.07E-03	1.19E-05	3.99E-03	0.006072	1.97E-03	1.51E-05	7.65E-03	9.64E-03
4207	494863.09	3855877.25	0.1045	0.13091	0.10804	1.60E-03	9.53E-06	2.90E-03	0.004511	1.64E-03	9.38E-06	3.22E-03	0.004871	1.56E-03	1.19E-05	6.19E-03	7.76E-03
4208	495363.09	3855877.25	0.08152	0.09903	0.08235	1.25E-03	7.21E-06	2.21E-03	0.003467	1.28E-03	7.10E-06	2.46E-03	0.003742	1.21E-03	9.01E-06	4.72E-03	5.94E-03
4209	495863.09	3855877.25	0.07697	0.09711	0.07781	1.18E-03	7.07E-06	2.09E-03	0.003275	1.21E-03	6.96E-06	2.32E-03	0.003535	1.15E-03	8.83E-06	4.46E-03	5.61E-03
4210	496363.09	3855877.25	0.07441	0.09412	0.07551	1.14E-03	6.85E-06	2.03E-03	0.003174	1.17E-03	6.74E-06	2.25E-03	0.003426	1.11E-03	8.56E-06	4.33E-03	5.44E-03
4211	496863.09	3855877.25	0.07616	0.09757	0.07826	1.17E-03	7.10E-06	2.10E-03	0.003275	1.19E-03	6.99E-06	2.33E-03	0.003536	1.13E-03	8.88E-06	4.48E-03	5.63E-03
4212	497363.09	3855877.25	0.07801	0.10429	0.08129	1.20E-03	7.59E-06	2.18E-03	0.003385	1.22E-03	7.47E-06	2.43E-03	0.003656	1.16E-03	9.49E-06	4.66E-03	5.83E-03
4213	497863.09	3855877.25	0.08069	0.10618	0.08522	1.24E-03	7.73E-06	2.29E-03	0.003532	1.27E-03	7.61E-06	2.54E-03	0.003815	1.20E-03	9.66E-06	4.88E-03	6.09E-03
4214	498363.09	3855877.25	0.08797	0.1168	0.09126	1.35E-03	8.50E-06	2.45E-03	0.003806	1.38E-03	8.37E-06	2.72E-03	0.00411	1.31E-03	1.06E-05	5.23E-03	6.55E-03
4215	471363.09	3856377.25	0.11598	0.21398	0.12251	1.78E-03	1.56E-05	3.29E-03	0.005081	1.82E-03	1.53E-05	3.65E-03	0.005489	1.73E-03	1.95E-05	7.02E-03	8.77E-03
4216	471863.09	3856377.25	0.11794	0.20362	0.12861	1.81E-03	1.48E-05	3.45E-03	0.005274	1.85E-03	1.46E-05	3.84E-03	0.005701	1.76E-03	1.85E-05	7.37E-03	9.14E-03
4217	472363.09	3856377.25	0.12824	0.21348	0.14368	1.97E-03	1.55E-05	3.85E-03	0.005837	2.01E-03	1.53E-05	4.29E-03	0.006312	1.91E-03	1.94E-05	8.23E-03	1.02E-02
4218	472863.09	3856377.25	0.14332	0.23165	0.164	2.20E-03	1.69E-05	4.40E-03	0.006615	2.25E-03	1.66E-05	4.89E-03	0.007156	2.14E-03	2.11E-05	9.39E-03	1.16E-02
4219	473363.09	3856377.25	0.15718	0.24733	0.17519	2.41E-03	1.80E-05	4.70E-03	0.007129	2.46E-03	1.77E-05	5.23E-03	0.007708	2.34E-03	2.25E-05	1.00E-02	1.24E-02
4220	473863.09	3856377.25	0.18356	0.28047	0.20504	2.82E-03	2.04E-05	5.50E-03	0.008336	2.88E-03	2.01E-05	6.12E-03	0.009015	2.73E-03	2.55E-05	1.17E-02	1.45E-02
4221	474363.09	3856377.25	0.16656	0.24064	0.1929	2.56E-03	1.75E-05	5.17E-03	0.007747	2.61E-03	1.72E-05	5.75E-03	0.008383	2.48E-03	2.19E-05	1.11E-02	1.36E-02
4222	474863.09	3856377.25	0.14667	0.22281	0.16055	2.25E-03	1.62E-05	4.31E-03	0.006573	2.30E-03	1.60E-05	4.79E-03	0.007105	2.18E-03	2.03E-05	9.20E-03	1.14E-02
4223	475363.09	3856377.25	0.10839	0.15954	0.11399	1.66E-03	1.16E-05	3.06E-03	0.004732	1.70E-03	1.14E-05	3.40E-03	0.005111	1.61E-03	1.45E-05	6.53E-03	8.16E-03
4224	475863.09	3856377.25	0.07944	0.11558	0.08104	1.22E-03	8.41E-06	2.17E-03	0.003401	1.25E-03	8.28E-06	2.42E-03	0.003671	1.18E-03	1.05E-05	4.64E-03	5.84E-03
4225	476363.09	3856377.25	0.07464	0.10775	0.07834	1.15E-03	7.84E-06	2.10E-03	0.003254	1.17E-03	7.72E-06	2.34E-03	0.003515	1.11E-03	9.80E-06	4.49E-03	5.61E-03
4226	476863.09	3856377.25	0.07831	0.12242	0.0863	1.20E-03	8.91E-06	2.31E-03	0.003525	1.23E-03	8.77E-06	2.57E-03	0.003811	1.17E-03	1.11E-05	4.94E-03	6.12E-03

4227	477363.09	3856377.25	0.08339	0.12834	0.08813	1.28E-03	9.34E-06	2.36E-03	0.003653	1.31E-03	9.20E-06	2.63E-03	0.003946	1.24E-03	1.17E-05	5.05E-03	6.30E-03
4228	477863.09	3856377.25	0.07358	0.12164	0.07309	1.13E-03	8.85E-06	1.96E-03	0.003098	1.15E-03	8.72E-06	2.18E-03	0.003343	1.10E-03	1.11E-05	4.19E-03	5.29E-03
4229	478363.09	3856377.25	0.0686	0.12949	0.07142	1.05E-03	9.43E-06	1.92E-03	0.002978	1.08E-03	9.28E-06	2.13E-03	0.003215	1.02E-03	1.18E-05	4.09E-03	5.12E-03
4230	478863.09	3856377.25	0.1116	0.20936	0.12006	1.71E-03	1.52E-05	3.22E-03	0.004948	1.75E-03	1.50E-05	3.58E-03	0.005346	1.66E-03	1.90E-05	6.88E-03	8.56E-03
4231	479363.09	3856377.25	0.14651	0.21631	0.14889	2.25E-03	1.57E-05	3.99E-03	0.006257	2.30E-03	1.55E-05	4.44E-03	0.006754	2.18E-03	1.97E-05	8.53E-03	1.07E-02
4232	479863.09	3856377.25	0.2737	0.40905	0.27614	4.20E-03	2.98E-05	7.41E-03	0.011636	4.29E-03	2.93E-05	8.24E-03	0.012559	4.08E-03	3.72E-05	1.58E-02	1.99E-02
4233	480363.09	3856377.25	0.474	0.59848	0.49107	7.27E-03	4.36E-05	1.32E-02	0.020488	7.43E-03	4.29E-05	1.46E-02	0.022125	7.06E-03	5.44E-05	2.81E-02	3.52E-02
4234	480863.09	3856377.25	0.70732	1.12104	0.73248	1.09E-02	8.16E-05	1.96E-02	0.030581	1.11E-02	8.03E-05	2.19E-02	0.033022	1.05E-02	1.02E-04	4.20E-02	5.26E-02
4235	481363.09	3856377.25	1.04264	1.74213	1.09421	1.60E-02	1.27E-04	2.93E-02	0.045474	1.63E-02	1.25E-04	3.26E-02	0.049115	1.55E-02	1.58E-04	6.27E-02	7.84E-02
4236	481863.09	3856377.25	1.32668	2.47802	1.46296	2.04E-02	1.80E-04	3.92E-02	0.059776	2.08E-02	1.78E-04	4.36E-02	0.064622	1.98E-02	2.25E-04	8.38E-02	1.04E-01
4237	482363.09	3856377.25	1.52949	2.9098	1.64326	2.35E-02	2.12E-04	4.41E-02	0.067755	2.40E-02	2.08E-04	4.90E-02	0.073212	2.28E-02	2.65E-04	9.41E-02	1.17E-01
4238	482863.09	3856377.25	1.83386	2.91515	2.06525	2.81E-02	2.12E-04	5.54E-02	0.083744	2.88E-02	2.09E-04	6.16E-02	0.090573	2.73E-02	2.65E-04	1.18E-01	1.46E-01
4239	483363.09	3856377.25	2.24123	2.84668	2.3866	3.44E-02	2.07E-04	6.40E-02	0.098609	3.51E-02	2.04E-04	7.12E-02	0.106542	3.34E-02	2.59E-04	1.37E-01	1.70E-01
4240	483863.09	3856377.25	2.85973	2.64044	2.84735	4.39E-02	1.92E-04	7.64E-02	0.120443	4.48E-02	1.89E-04	8.49E-02	0.12997	4.26E-02	2.40E-04	1.63E-01	2.06E-01
4241	484363.09	3856377.25	3.88921	3.24494	3.65886	5.97E-02	2.36E-04	9.81E-02	0.158049	6.10E-02	2.33E-04	1.09E-01	0.170364	5.79E-02	2.95E-04	2.10E-01	2.68E-01
4242	484863.09	3856377.25	7.02254	3.11875	5.99855	1.08E-01	2.27E-04	1.61E-01	0.268873	1.10E-01	2.23E-04	1.79E-01	0.289281	1.05E-01	2.84E-04	3.44E-01	4.49E-01
4243	485363.09	3856377.25	10.55565	2.79147	10.25752	1.62E-01	2.03E-04	2.75E-01	0.437293	1.66E-01	2.00E-04	3.06E-01	0.471709	1.57E-01	2.54E-04	5.88E-01	7.45E-01
4244	485863.09	3856377.25	6.53691	2.8258	7.58219	1.00E-01	2.06E-04	2.03E-01	0.303874	1.02E-01	2.02E-04	2.26E-01	0.32889	9.74E-02	2.57E-04	4.34E-01	5.32E-01
4245	486363.09	3856377.25	2.72202	2.80763	2.97799	4.18E-02	2.04E-04	7.99E-02	0.121845	4.27E-02	2.01E-04	8.88E-02	0.13172	4.06E-02	2.55E-04	1.71E-01	2.11E-01
4246	486863.09	3856377.25	2.16535	2.05169	2.30508	3.32E-02	1.49E-04	6.18E-02	0.0952	3.40E-02	1.47E-04	6.88E-02	0.102864	3.23E-02	1.87E-04	1.32E-01	1.64E-01
4247	487363.09	3856377.25	2.07133	2.00534	2.19983	3.18E-02	1.46E-04	5.90E-02	0.090931	3.25E-02	1.44E-04	6.56E-02	0.098246	3.09E-02	1.82E-04	1.26E-01	1.57E-01
4248	487863.09	3856377.25	1.88547	1.70434	2.04489	2.89E-02	1.24E-04	5.48E-02	0.083902	2.96E-02	1.22E-04	6.10E-02	0.090688	2.81E-02	1.55E-04	1.17E-01	1.45E-01
4249	488363.09	3856377.25	1.6505	1.89573	1.80481	2.53E-02	1.38E-04	4.84E-02	0.073871	2.59E-02	1.36E-04	5.38E-02	0.079856	2.46E-02	1.72E-04	1.03E-01	1.28E-01
4250	488863.09	3856377.25	1.44963	1.58714	1.57795	2.22E-02	1.16E-04	4.23E-02	0.064682	2.27E-02	1.14E-04	4.71E-02	0.069917	2.16E-02	1.44E-04	9.04E-02	1.12E-01
4251	489363.09	3856377.25	1.25725	1.64379	1.38777	1.93E-02	1.20E-04	3.72E-02	0.056633	1.97E-02	1.18E-04	4.14E-02	0.061231	1.87E-02	1.50E-04	7.95E-02	9.84E-02
4252	489863.09	3856377.25	1.12615	1.48417	1.25775	1.73E-02	1.08E-04	3.37E-02	0.051122	1.77E-02	1.06E-04	3.75E-02	0.055285	1.68E-02	1.35E-04	7.20E-02	8.90E-02
4253	490363.09	3856377.25	1.01282	1.26682	1.10991	1.55E-02	9.22E-05	2.98E-02	0.045402	1.59E-02	9.08E-05	3.31E-02	0.049082	1.51E-02	1.15E-04	6.36E-02	7.88E-02
4254	490863.09	3856377.25	0.91355	1.22392	0.98986	1.40E-02	8.91E-05	2.65E-02	0.040656	1.43E-02	8.77E-05	2.95E-02	0.043941	1.36E-02	1.11E-04	5.67E-02	7.04E-02
4255	491363.09	3856377.25	0.82765	1.20383	0.87385	1.27E-02	8.76E-05	2.34E-02	0.036225	1.30E-02	8.63E-05	2.61E-02	0.039132	1.23E-02	1.10E-04	5.01E-02	6.25E-02
4256	491863.09	3856377.25	0.73922	1.15566	0.77179	1.13E-02	8.41E-05	2.07E-02	0.032127	1.16E-02	8.28E-05	2.30E-02	0.034697	1.10E-02	1.05E-04	4.42E-02	5.53E-02
4257	492363.09	3856377.25	0.63219	0.95944	0.66199	9.70E-03	6.98E-05	1.78E-02	0.027526	9.91E-03	6.87E-05	1.97E-02	0.02973	9.42E-03	8.73E-05	3.79E-02	4.74E-02
4258	492863.09	3856377.25	0.44376	0.72711	0.46776	6.81E-03	5.29E-05	1.25E-02	0.019408	6.96E-03	5.21E-05	1.40E-02	0.020964	6.61E-03	6.61E-05	2.68E-02	3.35E-02
4259	493363.09	3856377.25	0.22676	0.30769	0.23369	3.48E-03	2.24E-05	6.27E-03	0.00977	3.56E-03	2.20E-05	6.97E-03	0.010549	3.38E-03	2.80E-05	1.34E-02	1.68E-02
4260	493863.09	3856377.25	0.16814	0.21296	0.17279	2.58E-03	1.55E-05	4.63E-03	0.00723	2.64E-03	1.53E-05	5.15E-03	0.007806	2.50E-03	1.94E-05	9.90E-03	1.24E-02
4261	494363.09	3856377.25	0.11964	0.15432	0.12551	1.84E-03	1.12E-05	3.37E-03	0.005213	1.88E-03	1.11E-05	3.74E-03	0.005631	1.78E-03	1.40E-05	7.19E-03	8.99E-03
4262	494863.09	3856377.25	0.09538	0.11125	0.09851	1.46E-03	8.10E-06	2.64E-03	0.004114	1.50E-03	7.97E-06	2.94E-03	0.004442	1.42E-03	1.01E-05	5.64E-03	7.07E-03
4263	495363.09	3856377.25	0.07929	0.09155	0.08165	1.22E-03	6.66E-06	2.19E-03	0.003413	1.24E-03	6.56E-06	2.44E-03	0.003686	1.18E-03	8.33E-06	4.68E-03	5.87E-03
4264	495863.09	3856377.25	0.07605	0.08341	0.07795	1.17E-03	6.07E-06	2.09E-03	0.003264	1.19E-03	5.98E-06	2.33E-03	0.003524	1.13E-03	7.59E-06	4.47E-03	5.61E-03
4265	496363.09	3856377.25	0.07524	0.0816	0.07725	1.15E-03	5.94E-06	2.07E-03	0.003232	1.18E-03	5.85E-06	2.30E-03	0.00349	1.12E-03	7.42E-06	4.43E-03	5.55E-03
4266	496863.09	3856377.25	0.07928	0.08572	0.0812	1.22E-03	6.24E-06	2.18E-03	0.003401	1.24E-03	6.14E-06	2.42E-03	0.003672	1.18E-03	7.80E-06	4.65E-03	5.84E-03
4267	497363.09	3856377.25	0.0828	0.09095	0.08469	1.27E-03	6.62E-06	2.27E-03	0.003549	1.30E-03	6.52E-06	2.53E-03	0.003831	1.23E-03	8.27E-06	4.85E-03	6.09E-03
4268	497863.09	3856377.25	0.09017	0.10095	0.09335	1.38E-03	7.35E-06	2.50E-03	0.003895	1.41E-03	7.23E-06	2.78E-03	0.004206	1.34E-03	9.18E-06	5.35E-03	6.70E-03
4269	498363.09	3856377.25	0.09961	0.11365	0.10468	1.53E-03	8.27E-06	2.81E-03	0.004344	1.56E-03	8.14E-06	3.12E-03	0.004693	1.48E-03	1.03E-05	6.00E-03	7.49E-03
4270	471363.09	3856877.25	0.12723	0.19124	0.1299	1.95E-03	1.39E-05	3.48E-03	0.00545	1.99E-03	1.37E-05	3.88E-03	0.005884	1.90E-03	1.74E-05	7.44E-03	9.35E-03
4271	471863.09	3856877.25	0.12684	0.20228	0.12854	1.95E-03	1.47E-05	3.45E-03	0.005409	1.99E-03	1.45E-05	3.83E-03	0.005838	1.89E-03	1.84E-05	7.36E-03	9.27E-03
4272	472363.09	3856877.25	0.13216	0.22782	0.13971	2.03E-03	1.66E-05	3.75E-03	0.005792	2.07E-03	1.63E-05	4.17E-03	0.006256	1.97E-03	2.07E-05	8.00E-03	9.99E-03
4273	472863.09	3856877.25	0.13794	0.25411	0.15312	2.12E-03	1.85E-05	4.11E-03	0.006242	2.16E-03	1.82E-05	4.57E-03	0.006749	2.05E-03	2.31E-05	8.77E-03	1.08E-02

4274	473363.09	3856877.25	0.16117	0.3041	0.17827	2.47E-03	2.21E-05	4.78E-03	0.007277	2.53E-03	2.18E-05	5.32E-03	0.007867	2.40E-03	2.77E-05	1.02E-02	1.26E-02
4275	473863.09	3856877.25	0.17584	0.31559	0.19174	2.70E-03	2.30E-05	5.14E-03	0.007864	2.76E-03	2.26E-05	5.72E-03	0.0085	2.62E-03	2.87E-05	1.10E-02	1.36E-02
4276	474363.09	3856877.25	0.16847	0.29736	0.18065	2.59E-03	2.16E-05	4.85E-03	0.007452	2.64E-03	2.13E-05	5.39E-03	0.008052	2.51E-03	2.70E-05	1.03E-02	1.29E-02
4277	474863.09	3856877.25	0.14993	0.24985	0.17196	2.30E-03	1.82E-05	4.61E-03	0.006931	2.35E-03	1.79E-05	5.13E-03	0.007499	2.23E-03	2.27E-05	9.85E-03	1.21E-02
4278	475363.09	3856877.25	0.12083	0.20477	0.12826	1.85E-03	1.49E-05	3.44E-03	0.005309	1.89E-03	1.47E-05	3.83E-03	0.005735	1.80E-03	1.86E-05	7.35E-03	9.17E-03
4279	475863.09	3856877.25	0.11933	0.19322	0.12805	1.83E-03	1.41E-05	3.43E-03	0.00528	1.87E-03	1.38E-05	3.82E-03	0.005705	1.78E-03	1.76E-05	7.34E-03	9.13E-03
4280	476363.09	3856877.25	0.10113	0.15701	0.10799	1.55E-03	1.14E-05	2.90E-03	0.00446	1.59E-03	1.13E-05	3.22E-03	0.004818	1.51E-03	1.43E-05	6.19E-03	7.71E-03
4281	476863.09	3856877.25	0.10012	0.16573	0.10393	1.54E-03	1.21E-05	2.79E-03	0.004336	1.57E-03	1.19E-05	3.10E-03	0.004682	1.49E-03	1.51E-05	5.95E-03	7.46E-03
4282	477363.09	3856877.25	0.08981	0.14653	0.09118	1.38E-03	1.07E-05	2.45E-03	0.003834	1.41E-03	1.05E-05	2.72E-03	0.004139	1.34E-03	1.33E-05	5.22E-03	6.57E-03
4283	477863.09	3856877.25	0.0649	0.09917	0.07049	9.96E-04	7.22E-06	1.89E-03	0.002894	1.02E-03	7.11E-06	2.10E-03	0.003128	9.67E-04	9.02E-06	4.04E-03	5.01E-03
4284	478363.09	3856877.25	0.06212	0.09999	0.06944	9.53E-04	7.28E-06	1.86E-03	0.002823	9.74E-04	7.16E-06	2.07E-03	0.003053	9.25E-04	9.10E-06	3.98E-03	4.91E-03
4285	478863.09	3856877.25	0.07698	0.11316	0.07916	1.18E-03	8.24E-06	2.12E-03	0.003313	1.21E-03	8.11E-06	2.36E-03	0.003577	1.15E-03	1.03E-05	4.53E-03	5.69E-03
4286	479363.09	3856877.25	0.09832	0.14697	0.09861	1.51E-03	1.07E-05	2.64E-03	0.004164	1.54E-03	1.05E-05	2.94E-03	0.004494	1.46E-03	1.34E-05	5.65E-03	7.13E-03
4287	479863.09	3856877.25	0.2491	0.33997	0.24443	3.82E-03	2.47E-05	6.56E-03	0.010403	3.91E-03	2.44E-05	7.29E-03	0.011222	3.71E-03	3.09E-05	1.40E-02	1.77E-02
4288	480363.09	3856877.25	0.47648	0.73538	0.47799	7.31E-03	5.35E-05	1.28E-02	0.020185	7.47E-03	5.27E-05	1.43E-02	0.021783	7.10E-03	6.69E-05	2.74E-02	3.45E-02
4289	480863.09	3856877.25	0.77147	1.31299	0.80736	1.18E-02	9.56E-05	2.17E-02	0.033588	1.21E-02	9.41E-05	2.41E-02	0.036275	1.15E-02	1.19E-04	4.62E-02	5.79E-02
4290	481363.09	3856877.25	1.0332	1.66674	1.06167	1.59E-02	1.21E-04	2.85E-02	0.04445	1.62E-02	1.19E-04	3.17E-02	0.047991	1.54E-02	1.52E-04	6.08E-02	7.64E-02
4291	481863.09	3856877.25	1.22317	2.00953	1.28898	1.88E-02	1.46E-04	3.46E-02	0.053487	1.92E-02	1.44E-04	3.85E-02	0.057775	1.82E-02	1.83E-04	7.38E-02	9.22E-02
4292	482363.09	3856877.25	1.38707	2.00683	1.46634	2.13E-02	1.46E-04	3.93E-02	0.060759	2.17E-02	1.44E-04	4.37E-02	0.065636	2.07E-02	1.83E-04	8.40E-02	1.05E-01
4293	482863.09	3856877.25	1.54909	2.30993	1.66846	2.38E-02	1.68E-04	4.47E-02	0.068688	2.43E-02	1.66E-04	4.98E-02	0.074228	2.31E-02	2.10E-04	9.56E-02	1.19E-01
4294	483363.09	3856877.25	1.80262	1.96058	1.94849	2.77E-02	1.43E-04	5.23E-02	0.080064	2.83E-02	1.40E-04	5.81E-02	0.086532	2.69E-02	1.78E-04	1.12E-01	1.39E-01
4295	483863.09	3856877.25	2.26571	1.99574	2.33094	3.48E-02	1.45E-04	6.25E-02	0.09743	3.55E-02	1.43E-04	6.95E-02	0.105205	3.38E-02	1.82E-04	1.34E-01	1.67E-01
4296	484363.09	3856877.25	2.73809	2.23442	2.75554	4.20E-02	1.63E-04	7.39E-02	0.116084	4.29E-02	1.60E-04	8.22E-02	0.125295	4.08E-02	2.03E-04	1.58E-01	1.99E-01
4297	484863.09	3856877.25	3.61127	2.56074	3.48914	5.54E-02	1.86E-04	9.36E-02	0.149182	5.66E-02	1.83E-04	1.04E-01	0.160894	5.38E-02	2.33E-04	2.00E-01	2.54E-01
4298	485363.09	3856877.25	6.09925	2.63331	5.32845	9.36E-02	1.92E-04	1.43E-01	0.236697	9.56E-02	1.89E-04	1.59E-01	0.25478	9.09E-02	2.40E-04	3.05E-01	3.96E-01
4299	485863.09	3856877.25	10.32787	2.92808	9.58797	1.58E-01	2.13E-04	2.57E-01	0.41585	1.62E-01	2.10E-04	2.86E-01	0.448173	1.54E-01	2.66E-04	5.49E-01	7.03E-01
4300	486363.09	3856877.25	5.49239	3.47989	5.59061	8.43E-02	2.53E-04	1.50E-01	0.234478	8.61E-02	2.49E-04	1.67E-01	0.253146	8.18E-02	3.17E-04	3.20E-01	4.02E-01
4301	486863.09	3856877.25	3.57662	3.15176	4.07713	5.49E-02	2.29E-04	1.09E-01	0.164464	5.61E-02	2.26E-04	1.22E-01	0.177934	5.33E-02	2.87E-04	2.34E-01	2.87E-01
4302	487363.09	3856877.25	2.97108	3.05259	3.28939	4.56E-02	2.22E-04	8.82E-02	0.134037	4.66E-02	2.19E-04	9.81E-02	0.144933	4.43E-02	2.78E-04	1.88E-01	2.33E-01
4303	487863.09	3856877.25	2.55403	3.28632	2.77245	3.92E-02	2.39E-04	7.44E-02	0.11379	4.00E-02	2.35E-04	8.27E-02	0.122989	3.80E-02	2.99E-04	1.59E-01	1.97E-01
4304	488363.09	3856877.25	2.09022	2.79388	2.33387	3.21E-02	2.03E-04	6.26E-02	0.094874	3.28E-02	2.00E-04	6.96E-02	0.102598	3.11E-02	2.54E-04	1.34E-01	1.65E-01
4305	488863.09	3856877.25	1.74968	2.21777	1.93932	2.68E-02	1.61E-04	5.20E-02	0.079024	2.74E-02	1.59E-04	5.79E-02	0.085447	2.61E-02	2.02E-04	1.11E-01	1.37E-01
4306	489363.09	3856877.25	1.52811	1.98115	1.65685	2.34E-02	1.44E-04	4.44E-02	0.068031	2.40E-02	1.42E-04	4.94E-02	0.073529	2.28E-02	1.80E-04	9.49E-02	1.18E-01
4307	489863.09	3856877.25	1.33396	1.91673	1.47315	2.05E-02	1.40E-04	3.95E-02	0.06012	2.09E-02	1.37E-04	4.39E-02	0.065	1.99E-02	1.74E-04	8.44E-02	1.04E-01
4308	490363.09	3856877.25	1.18034	1.67555	1.28633	1.81E-02	1.22E-04	3.45E-02	0.052734	1.85E-02	1.20E-04	3.84E-02	0.057001	1.76E-02	1.52E-04	7.37E-02	9.14E-02
4309	490863.09	3856877.25	1.05641	1.35465	1.1399	1.62E-02	9.86E-05	3.06E-02	0.046882	1.66E-02	9.71E-05	3.40E-02	0.050667	1.57E-02	1.23E-04	6.53E-02	8.12E-02
4310	491363.09	3856877.25	0.9219	1.1634	1.01462	1.41E-02	8.47E-05	2.72E-02	0.041444	1.45E-02	8.34E-05	3.03E-02	0.044806	1.37E-02	1.06E-04	5.81E-02	7.20E-02
4311	491863.09	3856877.25	0.82779	1.10908	0.88681	1.27E-02	8.07E-05	2.38E-02	0.036568	1.30E-02	7.95E-05	2.65E-02	0.039514	1.23E-02	1.01E-04	5.08E-02	6.32E-02
4312	492363.09	3856877.25	0.56484	0.82492	0.60389	8.67E-03	6.00E-05	1.62E-02	0.024924	8.86E-03	5.91E-05	1.80E-02	0.026931	8.41E-03	7.50E-05	3.46E-02	4.31E-02
4313	492863.09	3856877.25	0.37819	0.53437	0.39289	5.80E-03	3.89E-05	1.05E-02	0.01638	5.93E-03	3.83E-05	1.17E-02	0.017689	5.63E-03	4.86E-05	2.25E-02	2.82E-02
4314	493363.09	3856877.25	0.24372	0.30852	0.25428	3.74E-03	2.25E-05	6.82E-03	0.010582	3.82E-03	2.21E-05	7.59E-03	0.011429	3.63E-03	2.81E-05	1.46E-02	1.82E-02
4315	493863.09	3856877.25	0.15888	0.18581	0.16451	2.44E-03	1.35E-05	4.41E-03	0.006864	2.49E-03	1.33E-05	4.91E-03	0.007412	2.37E-03	1.69E-05	9.42E-03	1.18E-02
4316	494363.09	3856877.25	0.11205	0.1369	0.11441	1.72E-03	9.97E-06	3.07E-03	0.004798	1.76E-03	9.81E-06	3.41E-03	0.00518	1.67E-03	1.25E-05	6.55E-03	8.24E-03
4317	494863.09	3856877.25	0.09629	0.11733	0.09778	1.48E-03	8.54E-06	2.62E-03	0.004109	1.51E-03	8.41E-06	2.92E-03	0.004435	1.43E-03	1.07E-05	5.60E-03	7.05E-03
4318	495363.09	3856877.25	0.0868	0.10537	0.08852	1.33E-03	7.67E-06	2.37E-03	0.003714	1.36E-03	7.55E-06	2.64E-03	0.004009	1.29E-03	9.58E-06	5.07E-03	6.37E-03
4319	495863.09	3856877.25	0.0837	0.10414	0.08638	1.28E-03	7.58E-06	2.32E-03	0.003609	1.31E-03	7.46E-06	2.58E-03	0.003897	1.25E-03	9.47E-06	4.95E-03	6.20E-03
4320	496363.09	3856877.25	0.08093	0.0929	0.08453	1.24E-03	6.76E-06	2.27E-03	0.003516	1.27E-03	6.66E-06	2.52E-03	0.003797	1.21E-03	8.45E-06	4.84E-03	6.06E-03

4321	496863.09	3856877.25	0.08437	0.09561	0.08665	1.29E-03	6.96E-06	2.32E-03	0.003626	1.32E-03	6.85E-06	2.58E-03	0.003915	1.26E-03	8.70E-06	4.96E-03	6.23E-03
4322	497363.09	3856877.25	0.08855	0.10551	0.09116	1.36E-03	7.68E-06	2.44E-03	0.003811	1.39E-03	7.56E-06	2.72E-03	0.004115	1.32E-03	9.60E-06	5.22E-03	6.55E-03
4323	497863.09	3856877.25	0.10259	0.12453	0.10608	1.57E-03	9.06E-06	2.85E-03	0.004428	1.61E-03	8.92E-06	3.16E-03	0.004782	1.53E-03	1.13E-05	6.08E-03	7.62E-03
4324	498363.09	3856877.25	0.11937	0.14805	0.12716	1.83E-03	1.08E-05	3.41E-03	0.005253	1.87E-03	1.06E-05	3.79E-03	0.005676	1.78E-03	1.35E-05	7.28E-03	9.08E-03
4325	471363.09	3857377.25	0.13769	0.23379	0.15236	2.11E-03	1.70E-05	4.09E-03	0.006216	2.16E-03	1.68E-05	4.55E-03	0.006721	2.05E-03	2.13E-05	8.73E-03	1.08E-02
4326	471863.09	3857377.25	0.14142	0.2511	0.15318	2.17E-03	1.83E-05	4.11E-03	0.006297	2.22E-03	1.80E-05	4.57E-03	0.006805	2.11E-03	2.28E-05	8.77E-03	1.09E-02
4327	472363.09	3857377.25	0.14727	0.25624	0.16205	2.26E-03	1.87E-05	4.35E-03	0.006625	2.31E-03	1.84E-05	4.83E-03	0.007162	2.19E-03	2.33E-05	9.28E-03	1.15E-02
4328	472863.09	3857377.25	0.15569	0.25514	0.17733	2.39E-03	1.86E-05	4.76E-03	0.007164	2.44E-03	1.83E-05	5.29E-03	0.00775	2.32E-03	2.32E-05	1.02E-02	1.25E-02
4329	473363.09	3857377.25	0.16807	0.27005	0.18957	2.58E-03	1.97E-05	5.08E-03	0.007683	2.64E-03	1.93E-05	5.66E-03	0.00831	2.50E-03	2.46E-05	1.09E-02	1.34E-02
4330	473863.09	3857377.25	0.18994	0.27614	0.207	2.91E-03	2.01E-05	5.55E-03	0.008487	2.98E-03	1.98E-05	6.18E-03	0.009173	2.83E-03	2.51E-05	1.19E-02	1.47E-02
4331	474363.09	3857377.25	0.16801	0.25973	0.19056	2.58E-03	1.89E-05	5.11E-03	0.007708	2.63E-03	1.86E-05	5.68E-03	0.008338	2.50E-03	2.36E-05	1.09E-02	1.34E-02
4332	474863.09	3857377.25	0.12171	0.18983	0.13807	1.87E-03	1.38E-05	3.70E-03	0.005585	1.91E-03	1.36E-05	4.12E-03	0.006041	1.81E-03	1.73E-05	7.91E-03	9.74E-03
4333	475363.09	3857377.25	0.08672	0.12381	0.09069	1.33E-03	9.01E-06	2.43E-03	0.003772	1.36E-03	8.87E-06	2.71E-03	0.004074	1.29E-03	1.13E-05	5.20E-03	6.50E-03
4334	475863.09	3857377.25	0.07546	0.11516	0.07964	1.16E-03	8.38E-06	2.14E-03	0.003302	1.18E-03	8.25E-06	2.38E-03	0.003567	1.12E-03	1.05E-05	4.56E-03	5.70E-03
4335	476363.09	3857377.25	0.10399	0.15863	0.10891	1.60E-03	1.15E-05	2.92E-03	0.004528	1.63E-03	1.14E-05	3.25E-03	0.004891	1.55E-03	1.44E-05	6.24E-03	7.80E-03
4336	476863.09	3857377.25	0.11211	0.18713	0.11696	1.72E-03	1.36E-05	3.14E-03	0.004871	1.76E-03	1.34E-05	3.49E-03	0.00526	1.67E-03	1.70E-05	6.70E-03	8.39E-03
4337	477363.09	3857377.25	0.09382	0.14084	0.09561	1.44E-03	1.03E-05	2.56E-03	0.004014	1.47E-03	1.01E-05	2.85E-03	0.004333	1.40E-03	1.28E-05	5.48E-03	6.89E-03
4338	477863.09	3857377.25	0.06979	0.1228	0.07481	1.07E-03	8.94E-06	2.01E-03	0.003086	1.09E-03	8.80E-06	2.23E-03	0.003335	1.04E-03	1.12E-05	4.29E-03	5.34E-03
4339	478363.09	3857377.25	0.06189	0.10353	0.06598	9.50E-04	7.54E-06	1.77E-03	0.002727	9.70E-04	7.42E-06	1.97E-03	0.002946	9.22E-04	9.42E-06	3.78E-03	4.71E-03
4340	478863.09	3857377.25	0.05974	0.09254	0.06454	9.17E-04	6.74E-06	1.73E-03	0.002654	9.37E-04	6.63E-06	1.93E-03	0.002869	8.90E-04	8.42E-06	3.70E-03	4.60E-03
4341	479363.09	3857377.25	0.08105	0.1393	0.07959	1.24E-03	1.01E-05	2.13E-03	0.003389	1.27E-03	9.98E-06	2.37E-03	0.003655	1.21E-03	1.27E-05	4.56E-03	5.78E-03
4342	479863.09	3857377.25	0.20355	0.32262	0.2051	3.12E-03	2.35E-05	5.50E-03	0.008648	3.19E-03	2.31E-05	6.12E-03	0.009333	3.03E-03	2.93E-05	1.17E-02	1.48E-02
4343	480363.09	3857377.25	0.16056	0.2549	0.15876	2.46E-03	1.86E-05	4.26E-03	0.00674	2.52E-03	1.83E-05	4.74E-03	0.007272	2.39E-03	2.32E-05	9.09E-03	1.15E-02
4344	480863.09	3857377.25	0.737	1.06191	0.74772	1.13E-02	7.73E-05	2.01E-02	0.031441	1.16E-02	7.61E-05	2.23E-02	0.033938	1.10E-02	9.66E-05	4.28E-02	5.39E-02
4345	481363.09	3857377.25	0.80189	1.25493	0.83719	1.23E-02	9.13E-05	2.25E-02	0.03485	1.26E-02	8.99E-05	2.50E-02	0.037638	1.19E-02	1.14E-04	4.80E-02	6.00E-02
4346	481863.09	3857377.25	0.98773	1.55796	1.09191	1.52E-02	1.13E-04	2.93E-02	0.044556	1.55E-02	1.12E-04	3.26E-02	0.048173	1.47E-02	1.42E-04	6.25E-02	7.74E-02
4347	482363.09	3857377.25	1.20364	1.6273	1.34641	1.85E-02	1.18E-04	3.61E-02	0.0547	1.89E-02	1.17E-04	4.02E-02	0.059155	1.79E-02	1.48E-04	7.71E-02	9.52E-02
4348	482863.09	3857377.25	1.38117	1.72224	1.43464	2.12E-02	1.25E-04	3.85E-02	0.059797	2.17E-02	1.23E-04	4.28E-02	0.064578	2.06E-02	1.57E-04	8.22E-02	1.03E-01
4349	483363.09	3857377.25	1.52965	1.55408	1.57913	2.35E-02	1.13E-04	4.24E-02	0.065939	2.40E-02	1.11E-04	4.71E-02	0.071204	2.28E-02	1.41E-04	9.05E-02	1.13E-01
4350	483863.09	3857377.25	1.74125	1.57141	1.73807	2.67E-02	1.14E-04	4.66E-02	0.07345	2.73E-02	1.13E-04	5.19E-02	0.079265	2.59E-02	1.43E-04	9.96E-02	1.26E-01
4351	484363.09	3857377.25	1.98674	1.78156	1.98806	3.05E-02	1.30E-04	5.33E-02	0.083937	3.12E-02	1.28E-04	5.93E-02	0.090586	2.96E-02	1.62E-04	1.14E-01	1.44E-01
4352	484863.09	3857377.25	2.46437	2.26342	2.4585	3.78E-02	1.65E-04	6.59E-02	0.103919	3.86E-02	1.62E-04	7.33E-02	0.112144	3.67E-02	2.06E-04	1.41E-01	1.78E-01
4353	485363.09	3857377.25	3.26748	3.20906	3.23669	5.01E-02	2.34E-04	8.68E-02	0.137183	5.12E-02	2.30E-04	9.66E-02	0.148019	4.87E-02	2.92E-04	1.85E-01	2.34E-01
4354	485863.09	3857377.25	4.73854	4.75547	4.65374	7.27E-02	3.46E-04	1.25E-01	0.197875	7.43E-02	3.41E-04	1.39E-01	0.213469	7.06E-02	4.33E-04	2.67E-01	3.38E-01
4355	486363.09	3857377.25	10.01607	12.9069	9.70892	1.54E-01	9.40E-04	2.60E-01	0.415036	1.57E-01	9.25E-04	2.90E-01	0.447608	1.49E-01	1.17E-03	5.56E-01	7.07E-01
4356	486863.09	3857377.25	8.58562	24.83381	8.56002	1.32E-01	1.81E-03	2.30E-01	0.363139	1.35E-01	1.78E-03	2.55E-01	0.39176	1.28E-01	2.26E-03	4.90E-01	6.21E-01
4357	487363.09	3857377.25	4.38521	13.33445	5.45465	6.73E-02	9.71E-04	1.46E-01	0.214559	6.88E-02	9.55E-04	1.63E-01	0.232437	6.53E-02	1.21E-03	3.12E-01	3.79E-01
4358	487863.09	3857377.25	3.23015	6.80829	3.87894	4.96E-02	4.96E-04	1.04E-01	0.154098	5.06E-02	4.88E-04	1.16E-01	0.166852	4.81E-02	6.19E-04	2.22E-01	2.71E-01
4359	488363.09	3857377.25	2.5672	4.36998	2.96608	3.94E-02	3.18E-04	7.96E-02	0.119264	4.03E-02	3.13E-04	8.85E-02	0.12905	3.82E-02	3.98E-04	1.70E-01	2.09E-01
4360	488863.09	3857377.25	2.08378	3.05779	2.42369	3.20E-02	2.23E-04	6.50E-02	0.097203	3.27E-02	2.19E-04	7.23E-02	0.105195	3.10E-02	2.78E-04	1.39E-01	1.70E-01
4361	489363.09	3857377.25	1.78705	2.29571	2.06728	2.74E-02	1.67E-04	5.54E-02	0.083035	2.80E-02	1.64E-04	6.17E-02	0.089856	2.66E-02	2.09E-04	1.18E-01	1.45E-01
4362	489863.09	3857377.25	1.5067	1.96393	1.72471	2.31E-02	1.43E-04	4.63E-02	0.069521	2.36E-02	1.41E-04	5.15E-02	0.075217	2.24E-02	1.79E-04	9.88E-02	1.21E-01
4363	490363.09	3857377.25	1.30575	1.66692	1.41071	2.00E-02	1.21E-04	3.78E-02	0.057994	2.05E-02	1.19E-04	4.21E-02	0.062677	1.95E-02	1.52E-04	8.08E-02	1.00E-01
4364	490863.09	3857377.25	1.15524	1.41339	1.2674	1.77E-02	1.03E-04	3.40E-02	0.051823	1.81E-02	1.01E-04	3.78E-02	0.056024	1.72E-02	1.29E-04	7.26E-02	8.99E-02
4365	491363.09	3857377.25	1.04566	1.28699	1.14947	1.60E-02	9.37E-05	3.08E-02	0.046969	1.64E-02	9.22E-05	3.43E-02	0.050779	1.56E-02	1.17E-04	6.58E-02	8.15E-02
4366	491863.09	3857377.25	0.87535	1.07287	0.99742	1.34E-02	7.81E-05	2.68E-02	0.040262	1.37E-02	7.69E-05	2.98E-02	0.043557	1.30E-02	9.76E-05	5.71E-02	7.03E-02
4367	492363.09	3857377.25	0.50103	0.64946	0.54216	7.69E-03	4.73E-05	1.45E-02	0.022277	7.86E-03	4.65E-05	1.62E-02	0.024076	7.46E-03	5.91E-05	3.11E-02	3.86E-02

4368	492863.09	3857377.25	0.30683	0.36001	0.31787	4.71E-03	2.62E-05	8.53E-03	0.01326	4.81E-03	2.58E-05	9.48E-03	0.014319	4.57E-03	3.27E-05	1.82E-02	2.28E-02
4369	493363.09	3857377.25	0.18718	0.22395	0.19426	2.87E-03	1.63E-05	5.21E-03	0.008099	2.93E-03	1.60E-05	5.80E-03	0.008746	2.79E-03	2.04E-05	1.11E-02	1.39E-02
4370	493863.09	3857377.25	0.15715	0.1821	0.16191	2.41E-03	1.33E-05	4.34E-03	0.006767	2.46E-03	1.30E-05	4.83E-03	0.007307	2.34E-03	1.66E-05	9.27E-03	1.16E-02
4371	494363.09	3857377.25	0.13264	0.15117	0.13513	2.04E-03	1.10E-05	3.62E-03	0.005671	2.08E-03	1.08E-05	4.03E-03	0.006122	1.98E-03	1.38E-05	7.74E-03	9.73E-03
4372	494863.09	3857377.25	0.1199	0.1424	0.12187	1.84E-03	1.04E-05	3.27E-03	0.005119	1.88E-03	1.02E-05	3.64E-03	0.005526	1.79E-03	1.30E-05	6.98E-03	8.78E-03
4373	495363.09	3857377.25	0.10546	0.1262	0.10949	1.62E-03	9.19E-06	2.94E-03	0.004564	1.65E-03	9.04E-06	3.27E-03	0.004929	1.57E-03	1.15E-05	6.27E-03	7.85E-03
4374	495863.09	3857377.25	0.10247	0.12052	0.10527	1.57E-03	8.77E-06	2.82E-03	0.004405	1.61E-03	8.64E-06	3.14E-03	0.004756	1.53E-03	1.10E-05	6.03E-03	7.57E-03
4375	496363.09	3857377.25	0.10404	0.11551	0.10599	1.60E-03	8.41E-06	2.84E-03	0.004448	1.63E-03	8.28E-06	3.16E-03	0.004801	1.55E-03	1.05E-05	6.07E-03	7.63E-03
4376	496863.09	3857377.25	0.10356	0.11427	0.1062	1.59E-03	8.32E-06	2.85E-03	0.004446	1.62E-03	8.19E-06	3.17E-03	0.0048	1.54E-03	1.04E-05	6.08E-03	7.64E-03
4377	497363.09	3857377.25	0.10636	0.12027	0.1122	1.63E-03	8.75E-06	3.01E-03	0.00465	1.67E-03	8.62E-06	3.35E-03	0.005023	1.58E-03	1.09E-05	6.43E-03	8.02E-03
4378	497863.09	3857377.25	0.11708	0.1307	0.12064	1.80E-03	9.51E-06	3.24E-03	0.005042	1.84E-03	9.36E-06	3.60E-03	0.005444	1.74E-03	1.19E-05	6.91E-03	8.67E-03
4379	498363.09	3857377.25	0.14808	0.18745	0.15674	2.27E-03	1.36E-05	4.20E-03	0.00649	2.32E-03	1.34E-05	4.68E-03	0.007011	2.21E-03	1.71E-05	8.98E-03	1.12E-02
4380	471363.09	3857877.25	0.13844	0.23044	0.14839	2.12E-03	1.68E-05	3.98E-03	0.006121	2.17E-03	1.65E-05	4.43E-03	0.006614	2.06E-03	2.10E-05	8.50E-03	1.06E-02
4381	471863.09	3857877.25	0.14137	0.23123	0.15455	2.17E-03	1.68E-05	4.15E-03	0.006331	2.22E-03	1.66E-05	4.61E-03	0.006844	2.11E-03	2.10E-05	8.85E-03	1.10E-02
4382	472363.09	3857877.25	0.1534	0.24979	0.16342	2.35E-03	1.82E-05	4.38E-03	0.006755	2.41E-03	1.79E-05	4.88E-03	0.007298	2.29E-03	2.27E-05	9.36E-03	1.17E-02
4383	472863.09	3857877.25	0.16359	0.29205	0.18003	2.51E-03	2.13E-05	4.83E-03	0.00736	2.56E-03	2.09E-05	5.37E-03	0.007957	2.44E-03	2.66E-05	1.03E-02	1.28E-02
4384	473363.09	3857877.25	0.1672	0.28797	0.18964	2.57E-03	2.10E-05	5.09E-03	0.007673	2.62E-03	2.06E-05	5.66E-03	0.0083	2.49E-03	2.62E-05	1.09E-02	1.34E-02
4385	473863.09	3857877.25	0.18437	0.30631	0.20433	2.83E-03	2.23E-05	5.48E-03	0.008332	2.89E-03	2.19E-05	6.10E-03	0.009008	2.75E-03	2.79E-05	1.17E-02	1.45E-02
4386	474363.09	3857877.25	0.17551	0.25682	0.18588	2.69E-03	1.87E-05	4.99E-03	0.007697	2.75E-03	1.84E-05	5.55E-03	0.008315	2.61E-03	2.34E-05	1.06E-02	1.33E-02
4387	474863.09	3857877.25	0.12069	0.17257	0.12682	1.85E-03	1.26E-05	3.40E-03	0.005266	1.89E-03	1.24E-05	3.78E-03	0.005688	1.80E-03	1.57E-05	7.26E-03	9.08E-03
4388	475363.09	3857877.25	0.06414	0.09922	0.06531	9.84E-04	7.22E-06	1.75E-03	0.002743	1.01E-03	7.11E-06	1.95E-03	0.002961	9.55E-04	9.03E-06	3.74E-03	4.71E-03
4389	475863.09	3857877.25	0.0359	0.05469	0.03497	5.51E-04	3.98E-06	9.38E-04	0.001493	5.63E-04	3.92E-06	1.04E-03	0.00161	5.35E-04	4.97E-06	2.00E-03	2.54E-03
4390	476363.09	3857877.25	0.0696	0.10659	0.07344	1.07E-03	7.76E-06	1.97E-03	0.003045	1.09E-03	7.64E-06	2.19E-03	0.00329	1.04E-03	9.70E-06	4.21E-03	5.25E-03
4391	476863.09	3857877.25	0.08876	0.13331	0.09459	1.36E-03	9.70E-06	2.54E-03	0.003909	1.39E-03	9.55E-06	2.82E-03	0.004223	1.32E-03	1.21E-05	5.42E-03	6.75E-03
4392	477363.09	3857877.25	0.0852	0.12749	0.08878	1.31E-03	9.28E-06	2.38E-03	0.003698	1.34E-03	9.13E-06	2.65E-03	0.003994	1.27E-03	1.16E-05	5.09E-03	6.37E-03
4393	477863.09	3857877.25	0.07921	0.13272	0.08353	1.22E-03	9.66E-06	2.24E-03	0.003465	1.24E-03	9.51E-06	2.49E-03	0.003743	1.18E-03	1.21E-05	4.78E-03	5.98E-03
4394	478363.09	3857877.25	0.05325	0.08966	0.0569	8.17E-04	6.53E-06	1.53E-03	0.00235	8.35E-04	6.42E-06	1.70E-03	0.002539	7.93E-04	8.16E-06	3.26E-03	4.06E-03
4395	478863.09	3857877.25	0.04716	0.08528	0.04773	7.24E-04	6.21E-06	1.28E-03	0.00201	7.39E-04	6.11E-06	1.42E-03	0.002169	7.03E-04	7.76E-06	2.73E-03	3.44E-03
4396	479363.09	3857877.25	0.19223	0.31153	0.20018	2.95E-03	2.27E-05	5.37E-03	0.008341	3.01E-03	2.23E-05	5.97E-03	0.009008	2.86E-03	2.83E-05	1.15E-02	1.44E-02
4397	479863.09	3857877.25	0.44617	0.71664	0.46315	6.85E-03	5.22E-05	1.24E-02	0.019321	7.00E-03	5.13E-05	1.38E-02	0.020864	6.65E-03	6.52E-05	2.65E-02	3.32E-02
4398	480363.09	3857877.25	0.56373	0.8667	0.60356	8.65E-03	6.31E-05	1.62E-02	0.024901	8.84E-03	6.21E-05	1.80E-02	0.026906	8.40E-03	7.88E-05	3.46E-02	4.31E-02
4399	480863.09	3857877.25	0.65834	0.93948	0.68674	1.01E-02	6.84E-05	1.84E-02	0.028589	1.03E-02	6.73E-05	2.05E-02	0.030877	9.81E-03	8.55E-05	3.93E-02	4.92E-02
4400	481363.09	3857877.25	0.72687	1.01565	0.74364	1.12E-02	7.39E-05	1.99E-02	0.031173	1.14E-02	7.28E-05	2.22E-02	0.033654	1.08E-02	9.24E-05	4.26E-02	5.35E-02
4401	481863.09	3857877.25	0.82429	1.09336	0.89262	1.26E-02	7.96E-05	2.39E-02	0.036669	1.29E-02	7.83E-05	2.66E-02	0.039631	1.23E-02	9.95E-05	5.11E-02	6.35E-02
4402	482363.09	3857877.25	1.01869	1.60059	1.05487	1.56E-02	1.17E-04	2.83E-02	0.044041	1.60E-02	1.15E-04	3.15E-02	0.047556	1.52E-02	1.46E-04	6.04E-02	7.57E-02
4403	482863.09	3857877.25	1.08656	1.11722	1.19861	1.67E-02	8.13E-05	3.21E-02	0.048902	1.70E-02	8.01E-05	3.58E-02	0.052874	1.62E-02	1.02E-04	6.87E-02	8.50E-02
4404	483363.09	3857877.25	1.21011	1.27857	1.31931	1.86E-02	9.31E-05	3.54E-02	0.054047	1.90E-02	9.16E-05	3.94E-02	0.058423	1.80E-02	1.16E-04	7.56E-02	9.37E-02
4405	483863.09	3857877.25	1.36965	1.21938	1.42951	2.10E-02	8.88E-05	3.83E-02	0.059446	2.15E-02	8.74E-05	4.26E-02	0.064208	2.04E-02	1.11E-04	8.19E-02	1.02E-01
4406	484363.09	3857877.25	1.52675	1.42555	1.56971	2.34E-02	1.04E-04	4.21E-02	0.065632	2.39E-02	1.02E-04	4.68E-02	0.070868	2.27E-02	1.30E-04	8.99E-02	1.13E-01
4407	484863.09	3857877.25	1.75727	1.73473	1.79201	2.70E-02	1.26E-04	4.81E-02	0.075154	2.76E-02	1.24E-04	5.35E-02	0.081137	2.62E-02	1.58E-04	1.03E-01	1.29E-01
4408	485363.09	3857877.25	2.06946	2.38558	2.08947	3.18E-02	1.74E-04	5.60E-02	0.08797	3.24E-02	1.71E-04	6.23E-02	0.094952	3.08E-02	2.17E-04	1.20E-01	1.51E-01
4409	485863.09	3857877.25	2.74419	3.83401	2.72115	4.21E-02	2.79E-04	7.30E-02	0.115372	4.30E-02	2.75E-04	8.12E-02	0.124479	4.09E-02	3.49E-04	1.56E-01	1.97E-01
4410	486363.09	3857877.25	3.6946	5.86437	3.71595	5.67E-02	4.27E-04	9.97E-02	0.156785	5.79E-02	4.20E-04	1.11E-01	0.169204	5.50E-02	5.33E-04	2.13E-01	2.68E-01
4411	486863.09	3857877.25	6.61945	5.76142	6.60983	1.02E-01	4.19E-04	1.77E-01	0.279275	1.04E-01	4.13E-04	1.97E-01	0.301387	9.86E-02	5.24E-04	3.79E-01	4.78E-01
4412	487363.09	3857877.25	10.31306	6.17394	9.16261	1.58E-01	4.49E-04	2.46E-01	0.404451	1.62E-01	4.42E-04	2.73E-01	0.435484	1.54E-01	5.62E-04	5.25E-01	6.79E-01
4413	487863.09	3857877.25	4.36939	4.91471	5.27734	6.70E-02	3.58E-04	1.42E-01	0.208948	6.85E-02	3.52E-04	1.57E-01	0.226296	6.51E-02	4.47E-04	3.02E-01	3.68E-01
4414	488363.09	3857877.25	2.97108	3.17317	3.37554	4.56E-02	2.31E-04	9.05E-02	0.136356	4.66E-02	2.27E-04	1.01E-01	0.147511	4.43E-02	2.89E-04	1.93E-01	2.38E-01

4415	488863.09	3857877.25	2.25592	2.73103	2.60264	3.46E-02	1.99E-04	6.98E-02	0.10462	3.54E-02	1.96E-04	7.76E-02	0.113209	3.36E-02	2.48E-04	1.49E-01	1.83E-01
4416	489363.09	3857877.25	1.83957	2.2643	2.08431	2.82E-02	1.65E-04	5.59E-02	0.084296	2.88E-02	1.62E-04	6.22E-02	0.091185	2.74E-02	2.06E-04	1.19E-01	1.47E-01
4417	489863.09	3857877.25	1.54188	1.85043	1.77259	2.37E-02	1.35E-04	4.75E-02	0.071337	2.42E-02	1.33E-04	5.29E-02	0.077188	2.30E-02	1.68E-04	1.02E-01	1.25E-01
4418	490363.09	3857877.25	1.31981	1.5525	1.53028	2.03E-02	1.13E-04	4.10E-02	0.061409	2.07E-02	1.11E-04	4.57E-02	0.066457	1.97E-02	1.41E-04	8.77E-02	1.07E-01
4419	490863.09	3857877.25	1.14358	1.36172	1.32807	1.75E-02	9.91E-05	3.56E-02	0.053267	1.79E-02	9.76E-05	3.96E-02	0.057647	1.70E-02	1.24E-04	7.61E-02	9.32E-02
4420	491363.09	3857877.25	0.96413	1.30177	1.122	1.48E-02	9.48E-05	3.01E-02	0.044982	1.51E-02	9.33E-05	3.35E-02	0.048682	1.44E-02	1.18E-04	6.43E-02	7.88E-02
4421	491863.09	3857877.25	0.7482	0.99899	0.87019	1.15E-02	7.27E-05	2.33E-02	0.034893	1.17E-02	7.16E-05	2.60E-02	0.037762	1.11E-02	9.09E-05	4.98E-02	6.11E-02
4422	492363.09	3857877.25	0.40773	0.47363	0.45524	6.26E-03	3.45E-05	1.22E-02	0.018501	6.39E-03	3.39E-05	1.36E-02	0.020008	6.07E-03	4.31E-05	2.61E-02	3.22E-02
4423	492863.09	3857877.25	0.24182	0.29158	0.25971	3.71E-03	2.12E-05	6.97E-03	0.010698	3.79E-03	2.09E-05	7.75E-03	0.01156	3.60E-03	2.65E-05	1.49E-02	1.85E-02
4424	493363.09	3857877.25	0.2007	0.21719	0.21124	3.08E-03	1.58E-05	5.67E-03	0.008761	3.15E-03	1.56E-05	6.30E-03	0.009464	2.99E-03	1.98E-05	1.21E-02	1.51E-02
4425	493863.09	3857877.25	0.17654	0.18133	0.18382	2.71E-03	1.32E-05	4.93E-03	0.007652	2.77E-03	1.30E-05	5.48E-03	0.008265	2.63E-03	1.65E-05	1.05E-02	1.32E-02
4426	494363.09	3857877.25	0.15485	0.16315	0.16099	2.38E-03	1.19E-05	4.32E-03	0.006706	2.43E-03	1.17E-05	4.80E-03	0.007242	2.31E-03	1.48E-05	9.22E-03	1.15E-02
4427	494863.09	3857877.25	0.13263	0.14353	0.13792	2.04E-03	1.04E-05	3.70E-03	0.005745	2.08E-03	1.03E-05	4.11E-03	0.006204	1.98E-03	1.31E-05	7.90E-03	9.89E-03
4428	495363.09	3857877.25	0.12457	0.13194	0.13151	1.91E-03	9.60E-06	3.53E-03	0.005448	1.95E-03	9.45E-06	3.92E-03	0.005886	1.86E-03	1.20E-05	7.53E-03	9.40E-03
4429	495863.09	3857877.25	0.11882	0.12199	0.12353	1.82E-03	8.88E-06	3.31E-03	0.005145	1.86E-03	8.74E-06	3.69E-03	0.005557	1.77E-03	1.11E-05	7.08E-03	8.86E-03
4430	496363.09	3857877.25	0.11945	0.1279	0.1242	1.83E-03	9.31E-06	3.33E-03	0.005173	1.87E-03	9.16E-06	3.71E-03	0.005587	1.78E-03	1.16E-05	7.11E-03	8.91E-03
4431	496863.09	3857877.25	0.1234	0.1321	0.12847	1.89E-03	9.62E-06	3.45E-03	0.005349	1.93E-03	9.47E-06	3.83E-03	0.005777	1.84E-03	1.20E-05	7.36E-03	9.21E-03
4432	497363.09	3857877.25	0.12378	0.1333	0.12837	1.90E-03	9.70E-06	3.44E-03	0.005352	1.94E-03	9.55E-06	3.83E-03	0.00578	1.84E-03	1.21E-05	7.35E-03	9.21E-03
4433	497863.09	3857877.25	0.14564	0.15391	0.15307	2.23E-03	1.12E-05	4.11E-03	0.006351	2.28E-03	1.10E-05	4.57E-03	0.006861	2.17E-03	1.40E-05	8.77E-03	1.10E-02
4434	498363.09	3857877.25	0.16085	0.1805	0.16904	2.47E-03	1.31E-05	4.53E-03	0.007015	2.52E-03	1.29E-05	5.04E-03	0.007578	2.40E-03	1.64E-05	9.68E-03	1.21E-02
4435	471363.09	3858377.25	0.14203	0.25678	0.15245	2.18E-03	1.87E-05	4.09E-03	0.006287	2.23E-03	1.84E-05	4.55E-03	0.006793	2.12E-03	2.34E-05	8.73E-03	1.09E-02
4436	471863.09	3858377.25	0.14857	0.24881	0.15725	2.28E-03	1.81E-05	4.22E-03	0.006515	2.33E-03	1.78E-05	4.69E-03	0.007038	2.21E-03	2.26E-05	9.01E-03	1.12E-02
4437	472363.09	3858377.25	0.15	0.26959	0.16512	2.30E-03	1.96E-05	4.43E-03	0.00675	2.35E-03	1.93E-05	4.93E-03	0.007297	2.23E-03	2.45E-05	9.46E-03	1.17E-02
4438	472863.09	3858377.25	0.15921	0.29404	0.17212	2.44E-03	2.14E-05	4.62E-03	0.007081	2.50E-03	2.11E-05	5.13E-03	0.007652	2.37E-03	2.67E-05	9.86E-03	1.23E-02
4439	473363.09	3858377.25	0.18465	0.35347	0.20249	2.83E-03	2.57E-05	5.43E-03	0.00829	2.90E-03	2.53E-05	6.04E-03	0.008961	2.75E-03	3.22E-05	1.16E-02	1.44E-02
4440	473863.09	3858377.25	0.18948	0.33497	0.20261	2.91E-03	2.44E-05	5.43E-03	0.008366	2.97E-03	2.40E-05	6.04E-03	0.009039	2.82E-03	3.05E-05	1.16E-02	1.45E-02
4441	474363.09	3858377.25	0.16705	0.26707	0.17756	2.56E-03	1.94E-05	4.76E-03	0.007345	2.62E-03	1.91E-05	5.30E-03	0.007935	2.49E-03	2.43E-05	1.02E-02	1.27E-02
4442	474863.09	3858377.25	0.12007	0.1766	0.13213	1.84E-03	1.29E-05	3.54E-03	0.005399	1.88E-03	1.27E-05	3.94E-03	0.005837	1.79E-03	1.61E-05	7.57E-03	9.37E-03
4443	475363.09	3858377.25	0.07485	0.11726	0.0821	1.15E-03	8.54E-06	2.20E-03	0.003359	1.17E-03	8.40E-06	2.45E-03	0.003631	1.12E-03	1.07E-05	4.70E-03	5.83E-03
4444	475863.09	3858377.25	0.05548	0.08741	0.05914	8.51E-04	6.36E-06	1.59E-03	0.002444	8.70E-04	6.26E-06	1.76E-03	0.00264	8.26E-04	7.95E-06	3.39E-03	4.22E-03
4445	476363.09	3858377.25	0.06002	0.09827	0.06587	9.21E-04	7.15E-06	1.77E-03	0.002695	9.41E-04	7.04E-06	1.97E-03	0.002913	8.94E-04	8.94E-06	3.77E-03	4.68E-03
4446	476863.09	3858377.25	0.06538	0.09312	0.07295	1.00E-03	6.78E-06	1.96E-03	0.002967	1.03E-03	6.67E-06	2.18E-03	0.003208	9.74E-04	8.47E-06	4.18E-03	5.16E-03
4447	477363.09	3858377.25	0.06034	0.09434	0.06489	9.26E-04	6.87E-06	1.74E-03	0.002673	9.46E-04	6.76E-06	1.94E-03	0.002889	8.99E-04	8.58E-06	3.72E-03	4.62E-03
4448	477863.09	3858377.25	0.08545	0.14613	0.08364	1.31E-03	1.06E-05	2.24E-03	0.003565	1.34E-03	1.05E-05	2.50E-03	0.003845	1.27E-03	1.33E-05	4.79E-03	6.08E-03
4449	478363.09	3858377.25	0.09269	0.15587	0.09006	1.42E-03	1.13E-05	2.42E-03	0.003849	1.45E-03	1.12E-05	2.69E-03	0.004151	1.38E-03	1.42E-05	5.16E-03	6.55E-03
4450	478863.09	3858377.25	0.06311	0.11542	0.06523	9.68E-04	8.40E-06	1.75E-03	0.002726	9.90E-04	8.27E-06	1.95E-03	0.002944	9.40E-04	1.05E-05	3.74E-03	4.69E-03
4451	479363.09	3858377.25	0.20536	0.34352	0.21008	3.15E-03	2.50E-05	5.63E-03	0.008811	3.22E-03	2.46E-05	6.27E-03	0.009512	3.06E-03	3.12E-05	1.20E-02	1.51E-02
4452	479863.09	3858377.25	0.4345	0.64444	0.48218	6.67E-03	4.69E-05	1.29E-02	0.019647	6.81E-03	4.62E-05	1.44E-02	0.021243	6.47E-03	5.86E-05	2.76E-02	3.42E-02
4453	480363.09	3858377.25	0.56193	0.82349	0.60252	8.62E-03	5.99E-05	1.62E-02	0.024843	8.81E-03	5.90E-05	1.80E-02	0.026844	8.37E-03	7.49E-05	3.45E-02	4.30E-02
4454	480863.09	3858377.25	0.61433	0.94706	0.63816	9.43E-03	6.89E-05	1.71E-02	0.026612	9.63E-03	6.79E-05	1.90E-02	0.028738	9.15E-03	8.61E-05	3.66E-02	4.58E-02
4455	481363.09	3858377.25	0.65417	1.00103	0.69075	1.00E-02	7.29E-05	1.85E-02	0.028637	1.03E-02	7.17E-05	2.06E-02	0.030935	9.75E-03	9.11E-05	3.96E-02	4.94E-02
4456	481863.09	3858377.25	0.73792	1.04995	0.74233	1.13E-02	7.64E-05	1.99E-02	0.03131	1.16E-02	7.52E-05	2.21E-02	0.033791	1.10E-02	9.55E-05	4.25E-02	5.36E-02
4457	482363.09	3858377.25	0.81571	1.13915	0.82766	1.25E-02	8.29E-05	2.22E-02	0.034798	1.28E-02	8.16E-05	2.47E-02	0.037562	1.22E-02	1.04E-04	4.74E-02	5.97E-02
4458	482863.09	3858377.25	0.92123	1.14445	1.04845	1.41E-02	8.33E-05	2.81E-02	0.04234	1.44E-02	8.20E-05	3.13E-02	0.045804	1.37E-02	1.04E-04	6.01E-02	7.39E-02
4459	483363.09	3858377.25	1.02146	1.18614	1.13934	1.57E-02	8.63E-05	3.06E-02	0.046318	1.60E-02	8.50E-05	3.40E-02	0.05009	1.52E-02	1.08E-04	6.53E-02	8.06E-02
4460	483863.09	3858377.25	1.09034	1.17368	1.19577	1.67E-02	8.54E-05	3.21E-02	0.048888	1.71E-02	8.41E-05	3.57E-02	0.052852	1.62E-02	1.07E-04	6.85E-02	8.48E-02
4461	484363.09	3858377.25	1.20309	1.29818	1.2896	1.85E-02	9.45E-05	3.46E-02	0.053144	1.89E-02	9.30E-05	3.85E-02	0.057428	1.79E-02	1.18E-04	7.39E-02	9.19E-02

4462	484863.09	3858377.25	1.34736	1.42758	1.39224	2.07E-02	1.04E-04	3.73E-02	0.05812	2.11E-02	1.02E-04	4.15E-02	0.062761	2.01E-02	1.30E-04	7.98E-02	1.00E-01
4463	485363.09	3858377.25	1.49393	1.85336	1.53781	2.29E-02	1.35E-04	4.12E-02	0.064304	2.34E-02	1.33E-04	4.59E-02	0.069433	2.23E-02	1.69E-04	8.81E-02	1.11E-01
4464	485863.09	3858377.25	1.68933	2.35326	1.73414	2.59E-02	1.71E-04	4.65E-02	0.072605	2.65E-02	1.69E-04	5.17E-02	0.078389	2.52E-02	2.14E-04	9.93E-02	1.25E-01
4465	486363.09	3858377.25	1.97658	2.52775	2.05664	3.03E-02	1.84E-04	5.52E-02	0.085675	3.10E-02	1.81E-04	6.14E-02	0.092526	2.94E-02	2.30E-04	1.18E-01	1.47E-01
4466	486863.09	3858377.25	2.22989	2.22648	2.33719	3.42E-02	1.62E-04	6.27E-02	0.097065	3.50E-02	1.60E-04	6.97E-02	0.104846	3.32E-02	2.03E-04	1.34E-01	1.67E-01
4467	487363.09	3858377.25	2.98713	2.5301	2.97875	4.58E-02	1.84E-04	7.99E-02	0.125914	4.68E-02	1.81E-04	8.89E-02	0.13588	4.45E-02	2.30E-04	1.71E-01	2.15E-01
4468	487863.09	3858377.25	6.23141	2.58773	6.3119	9.56E-02	1.88E-04	1.69E-01	0.265099	9.77E-02	1.85E-04	1.88E-01	0.286187	9.28E-02	2.35E-04	3.62E-01	4.55E-01
4469	488363.09	3858377.25	3.68323	2.12372	3.8655	5.65E-02	1.55E-04	1.04E-01	0.160349	5.77E-02	1.52E-04	1.15E-01	0.173219	5.49E-02	1.93E-04	2.21E-01	2.76E-01
4470	488863.09	3858377.25	2.22133	2.10707	2.47098	3.41E-02	1.53E-04	6.63E-02	0.100513	3.48E-02	1.51E-04	7.37E-02	0.108695	3.31E-02	1.92E-04	1.42E-01	1.75E-01
4471	489363.09	3858377.25	1.72455	1.47342	1.92525	2.65E-02	1.07E-04	5.16E-02	0.078207	2.70E-02	1.06E-04	5.74E-02	0.08458	2.57E-02	1.34E-04	1.10E-01	1.36E-01
4472	489863.09	3858377.25	1.42304	1.26902	1.58628	2.18E-02	9.24E-05	4.25E-02	0.064474	2.23E-02	9.09E-05	4.73E-02	0.069725	2.12E-02	1.15E-04	9.09E-02	1.12E-01
4473	490363.09	3858377.25	1.20632	1.1513	1.33779	1.85E-02	8.38E-05	3.59E-02	0.054475	1.89E-02	8.25E-05	3.99E-02	0.058906	1.80E-02	1.05E-04	7.66E-02	9.47E-02
4474	490863.09	3858377.25	1.0586	1.00021	1.17948	1.62E-02	7.28E-05	3.16E-02	0.047951	1.66E-02	7.17E-05	3.52E-02	0.051856	1.58E-02	9.10E-05	6.76E-02	8.34E-02
4475	491363.09	3858377.25	0.91752	0.96696	1.02151	1.41E-02	7.04E-05	2.74E-02	0.041547	1.44E-02	6.93E-05	3.05E-02	0.044929	1.37E-02	8.80E-05	5.85E-02	7.23E-02
4476	491863.09	3858377.25	0.60222	0.72646	0.67868	9.24E-03	5.29E-05	1.82E-02	0.027497	9.44E-03	5.21E-05	2.02E-02	0.029741	8.97E-03	6.61E-05	3.89E-02	4.79E-02
4477	492363.09	3858377.25	0.28815	0.31207	0.29593	4.42E-03	2.27E-05	7.94E-03	0.012381	4.52E-03	2.24E-05	8.83E-03	0.013369	4.29E-03	2.84E-05	1.70E-02	2.13E-02
4478	492863.09	3858377.25	0.31652	0.37531	0.3312	4.86E-03	2.73E-05	8.88E-03	0.013767	4.96E-03	2.69E-05	9.88E-03	0.01487	4.72E-03	3.41E-05	1.90E-02	2.37E-02
4479	493363.09	3858377.25	0.25014	0.29187	0.25683	3.84E-03	2.12E-05	6.89E-03	0.010748	3.92E-03	2.09E-05	7.66E-03	0.011605	3.73E-03	2.65E-05	1.47E-02	1.85E-02
4480	493863.09	3858377.25	0.21678	0.23814	0.22511	3.33E-03	1.73E-05	6.04E-03	0.009381	3.40E-03	1.71E-05	6.72E-03	0.010132	3.23E-03	2.17E-05	1.29E-02	1.61E-02
4481	494363.09	3858377.25	0.19144	0.21598	0.19621	2.94E-03	1.57E-05	5.26E-03	0.008216	3.00E-03	1.55E-05	5.85E-03	0.00887	2.85E-03	1.96E-05	1.12E-02	1.41E-02
4482	494863.09	3858377.25	0.16888	0.19854	0.17667	2.59E-03	1.45E-05	4.74E-03	0.007344	2.65E-03	1.42E-05	5.27E-03	0.007933	2.52E-03	1.81E-05	1.01E-02	1.27E-02
4483	495363.09	3858377.25	0.14418	0.16721	0.15008	2.21E-03	1.22E-05	4.03E-03	0.00625	2.26E-03	1.20E-05	4.48E-03	0.00675	2.15E-03	1.52E-05	8.60E-03	1.08E-02
4484	495863.09	3858377.25	0.13871	0.15335	0.14415	2.13E-03	1.12E-05	3.87E-03	0.006006	2.17E-03	1.10E-05	4.30E-03	0.006486	2.07E-03	1.39E-05	8.26E-03	1.03E-02
4485	496363.09	3858377.25	0.13406	0.14494	0.14482	2.06E-03	1.06E-05	3.88E-03	0.005952	2.10E-03	1.04E-05	4.32E-03	0.006433	2.00E-03	1.32E-05	8.30E-03	1.03E-02
4486	496863.09	3858377.25	0.14662	0.15082	0.15669	2.25E-03	1.10E-05	4.20E-03	0.006463	2.30E-03	1.08E-05	4.67E-03	0.006984	2.18E-03	1.37E-05	8.98E-03	1.12E-02
4487	497363.09	3858377.25	0.1487	0.1488	0.15645	2.28E-03	1.08E-05	4.20E-03	0.006489	2.33E-03	1.07E-05	4.67E-03	0.007009	2.22E-03	1.35E-05	8.96E-03	1.12E-02
4488	497863.09	3858377.25	0.16655	0.184	0.17768	2.56E-03	1.34E-05	4.77E-03	0.007335	2.61E-03	1.32E-05	5.30E-03	0.007925	2.48E-03	1.67E-05	1.02E-02	1.27E-02
4489	498363.09	3858377.25	0.20888	0.25547	0.22203	3.21E-03	1.86E-05	5.95E-03	0.009179	3.28E-03	1.83E-05	6.62E-03	0.009917	3.11E-03	2.32E-05	1.27E-02	1.59E-02
4490	471363.09	3858877.25	0.14309	0.25418	0.15129	2.20E-03	1.85E-05	4.06E-03	0.006272	2.24E-03	1.82E-05	4.51E-03	0.006775	2.13E-03	2.31E-05	8.67E-03	1.08E-02
4491	471863.09	3858877.25	0.14837	0.25708	0.15578	2.28E-03	1.87E-05	4.18E-03	0.006474	2.33E-03	1.84E-05	4.65E-03	0.006992	2.21E-03	2.34E-05	8.92E-03	1.12E-02
4492	472363.09	3858877.25	0.15743	0.29096	0.16992	2.42E-03	2.12E-05	4.56E-03	0.006994	2.47E-03	2.08E-05	5.07E-03	0.007558	2.35E-03	2.65E-05	9.73E-03	1.21E-02
4493	472863.09	3858877.25	0.16871	0.32958	0.19572	2.59E-03	2.40E-05	5.25E-03	0.007862	2.65E-03	2.36E-05	5.84E-03	0.008508	2.51E-03	3.00E-05	1.12E-02	1.38E-02
4494	473363.09	3858877.25	0.19824	0.34853	0.22524	3.04E-03	2.54E-05	6.04E-03	0.009108	3.11E-03	2.50E-05	6.72E-03	0.009853	2.95E-03	3.17E-05	1.29E-02	1.59E-02
4495	473863.09	3858877.25	0.21026	0.38193	0.22127	3.23E-03	2.78E-05	5.93E-03	0.009189	3.30E-03	2.74E-05	6.60E-03	0.009925	3.13E-03	3.47E-05	1.27E-02	1.58E-02
4496	474363.09	3858877.25	0.18834	0.28121	0.18987	2.89E-03	2.05E-05	5.09E-03	0.008003	2.95E-03	2.01E-05	5.66E-03	0.008637	2.81E-03	2.56E-05	1.09E-02	1.37E-02
4497	474863.09	3858877.25	0.06996	0.10622	0.07547	1.07E-03	7.73E-06	2.02E-03	0.003105	1.10E-03	7.61E-06	2.25E-03	0.003356	1.04E-03	9.66E-06	4.32E-03	5.38E-03
4498	475363.09	3858877.25	0.05522	0.07786	0.05708	8.47E-04	5.67E-06	1.53E-03	0.002384	8.66E-04	5.58E-06	1.70E-03	0.002574	8.23E-04	7.08E-06	3.27E-03	4.10E-03
4499	475863.09	3858877.25	0.06147	0.08271	0.06495	9.43E-04	6.02E-06	1.74E-03	0.002691	9.64E-04	5.93E-06	1.94E-03	0.002907	9.16E-04	7.52E-06	3.72E-03	4.64E-03
4500	476363.09	3858877.25	0.0421	0.06949	0.04552	6.46E-04	5.06E-06	1.22E-03	0.001872	6.60E-04	4.98E-06	1.36E-03	0.002023	6.27E-04	6.32E-06	2.61E-03	3.24E-03
4501	476863.09	3858877.25	0.05036	0.08002	0.05458	7.73E-04	5.82E-06	1.46E-03	0.002242	7.90E-04	5.73E-06	1.63E-03	0.002424	7.50E-04	7.28E-06	3.13E-03	3.88E-03
4502	477363.09	3858877.25	0.0527	0.09607	0.05592	8.09E-04	6.99E-06	1.50E-03	0.002315	8.26E-04	6.88E-06	1.67E-03	0.002501	7.85E-04	8.74E-06	3.20E-03	4.00E-03
4503	477863.09	3858877.25	0.06651	0.11608	0.06752	1.02E-03	8.45E-06	1.81E-03	0.00284	1.04E-03	8.32E-06	2.01E-03	0.003065	9.91E-04	1.06E-05	3.87E-03	4.87E-03
4504	478363.09	3858877.25	0.14542	0.19445	0.14338	2.23E-03	1.42E-05	3.85E-03	0.006091	2.28E-03	1.39E-05	4.28E-03	0.006571	2.17E-03	1.77E-05	8.21E-03	1.04E-02
4505	478863.09	3858877.25	0.12277	0.16355	0.12475	1.88E-03	1.19E-05	3.35E-03	0.005242	1.92E-03	1.17E-05	3.72E-03	0.005658	1.83E-03	1.49E-05	7.15E-03	8.99E-03
4506	479363.09	3858877.25	0.09612	0.1539	0.10259	1.47E-03	1.12E-05	2.75E-03	0.004238	1.51E-03	1.10E-05	3.06E-03	0.004579	1.43E-03	1.40E-05	5.88E-03	7.32E-03
4507	479863.09	3858877.25	0.45926	0.65943	0.49877	7.05E-03	4.80E-05	1.34E-02	0.020473	7.20E-03	4.72E-05	1.49E-02	0.022128	6.84E-03	6.00E-05	2.86E-02	3.55E-02
4508	480363.09	3858877.25	0.53477	0.77799	0.57255	8.21E-03	5.66E-05	1.54E-02	0.023619	8.38E-03	5.57E-05	1.71E-02	0.025521	7.97E-03	7.08E-05	3.28E-02	4.08E-02

4509	480863.09	3858877.25	0.57822	0.91059	0.62413	8.87E-03	6.63E-05	1.67E-02	0.025679	9.07E-03	6.52E-05	1.86E-02	0.02775	8.61E-03	8.28E-05	3.58E-02	4.44E-02
4510	481363.09	3858877.25	0.60813	0.85851	0.66721	9.33E-03	6.25E-05	1.79E-02	0.027289	9.53E-03	6.15E-05	1.99E-02	0.029501	9.06E-03	7.81E-05	3.82E-02	4.74E-02
4511	481863.09	3858877.25	0.69174	1.10673	0.73469	1.06E-02	8.06E-05	1.97E-02	0.0304	1.08E-02	7.93E-05	2.19E-02	0.032843	1.03E-02	1.01E-04	4.21E-02	5.25E-02
4512	482363.09	3858877.25	0.72749	0.90731	0.77528	1.12E-02	6.60E-05	2.08E-02	0.032023	1.14E-02	6.50E-05	2.31E-02	0.0346	1.08E-02	8.25E-05	4.44E-02	5.53E-02
4513	482863.09	3858877.25	0.80324	1.18301	0.87689	1.23E-02	8.61E-05	2.35E-02	0.035931	1.26E-02	8.48E-05	2.62E-02	0.038839	1.20E-02	1.08E-04	5.02E-02	6.23E-02
4514	483363.09	3858877.25	0.86224	1.00754	0.96709	1.32E-02	7.33E-05	2.59E-02	0.039242	1.35E-02	7.22E-05	2.89E-02	0.042442	1.28E-02	9.16E-05	5.54E-02	6.83E-02
4515	483863.09	3858877.25	0.89975	0.99298	0.98782	1.38E-02	7.23E-05	2.65E-02	0.040373	1.41E-02	7.11E-05	2.95E-02	0.043647	1.34E-02	9.03E-05	5.66E-02	7.01E-02
4516	484363.09	3858877.25	0.97011	1.16339	1.03106	1.49E-02	8.47E-05	2.77E-02	0.042625	1.52E-02	8.34E-05	3.08E-02	0.046053	1.45E-02	1.06E-04	5.91E-02	7.36E-02
4517	484863.09	3858877.25	1.01519	1.22641	1.0996	1.56E-02	8.93E-05	2.95E-02	0.045159	1.59E-02	8.79E-05	3.28E-02	0.048809	1.51E-02	1.12E-04	6.30E-02	7.82E-02
4518	485363.09	3858877.25	1.10613	1.42035	1.12472	1.70E-02	1.03E-04	3.02E-02	0.047243	1.73E-02	1.02E-04	3.36E-02	0.050998	1.65E-02	1.29E-04	6.44E-02	8.10E-02
4519	485863.09	3858877.25	1.22083	1.43681	1.26587	1.87E-02	1.05E-04	3.40E-02	0.05279	1.91E-02	1.03E-04	3.78E-02	0.057008	1.82E-02	1.31E-04	7.25E-02	9.08E-02
4520	486363.09	3858877.25	1.36758	1.48388	1.39038	2.10E-02	1.08E-04	3.73E-02	0.058384	2.14E-02	1.06E-04	4.15E-02	0.063027	2.04E-02	1.35E-04	7.96E-02	1.00E-01
4521	486863.09	3858877.25	1.4337	1.48971	1.46357	2.20E-02	1.08E-04	3.93E-02	0.061362	2.25E-02	1.07E-04	4.37E-02	0.066248	2.14E-02	1.36E-04	8.38E-02	1.05E-01
4522	487363.09	3858877.25	1.55246	1.47287	1.64584	2.38E-02	1.07E-04	4.41E-02	0.068072	2.43E-02	1.06E-04	4.91E-02	0.073546	2.31E-02	1.34E-04	9.43E-02	1.18E-01
4523	487863.09	3858877.25	1.77946	1.63191	1.85943	2.73E-02	1.19E-04	4.99E-02	0.077296	2.79E-02	1.17E-04	5.55E-02	0.083488	2.65E-02	1.48E-04	1.07E-01	1.33E-01
4524	488363.09	3858877.25	2.35755	1.74406	2.17988	3.62E-02	1.27E-04	5.85E-02	0.094769	3.70E-02	1.25E-04	6.50E-02	0.10212	3.51E-02	1.59E-04	1.25E-01	1.60E-01
4525	488863.09	3858877.25	3.77949	1.49361	2.06465	5.80E-02	1.09E-04	5.54E-02	0.113481	5.93E-02	1.07E-04	6.16E-02	0.120959	5.63E-02	1.36E-04	1.18E-01	1.75E-01
4526	489363.09	3858877.25	1.87793	1.32696	1.79248	2.88E-02	9.66E-05	4.81E-02	0.076989	2.94E-02	9.51E-05	5.35E-02	0.083013	2.80E-02	1.21E-04	1.03E-01	1.31E-01
4527	489863.09	3858877.25	1.42673	1.31712	1.62122	2.19E-02	9.59E-05	4.35E-02	0.065471	2.24E-02	9.44E-05	4.84E-02	0.070829	2.13E-02	1.20E-04	9.29E-02	1.14E-01
4528	490363.09	3858877.25	1.09396	1.18189	1.27747	1.68E-02	8.60E-05	3.43E-02	0.051135	1.72E-02	8.47E-05	3.81E-02	0.055347	1.63E-02	1.08E-04	7.32E-02	8.96E-02
4529	490863.09	3858877.25	0.90424	0.89606	1.03801	1.39E-02	6.52E-05	2.78E-02	0.041781	1.42E-02	6.42E-05	3.10E-02	0.045208	1.35E-02	8.15E-05	5.95E-02	7.30E-02
4530	491363.09	3858877.25	0.65232	0.79766	0.71647	1.00E-02	5.81E-05	1.92E-02	0.029284	1.02E-02	5.72E-05	2.14E-02	0.031659	9.72E-03	7.26E-05	4.10E-02	5.08E-02
4531	491863.09	3858877.25	0.39649	0.42145	0.41699	6.08E-03	3.07E-05	1.12E-02	0.017299	6.22E-03	3.02E-05	1.24E-02	0.018687	5.91E-03	3.83E-05	2.39E-02	2.98E-02
4532	492363.09	3858877.25	0.4712	0.51797	0.52301	7.23E-03	3.77E-05	1.40E-02	0.021296	7.39E-03	3.71E-05	1.56E-02	0.023028	7.02E-03	4.71E-05	3.00E-02	3.70E-02
4533	492863.09	3858877.25	0.54037	0.61389	0.59291	8.29E-03	4.47E-05	1.59E-02	0.024239	8.47E-03	4.40E-05	1.77E-02	0.026204	8.05E-03	5.58E-05	3.40E-02	4.21E-02
4534	493363.09	3858877.25	0.44352	0.57624	0.47628	6.81E-03	4.19E-05	1.28E-02	0.019622	6.95E-03	4.13E-05	1.42E-02	0.021204	6.61E-03	5.24E-05	2.73E-02	3.39E-02
4535	493863.09	3858877.25	0.30981	0.37892	0.33329	4.75E-03	2.76E-05	8.94E-03	0.013721	4.86E-03	2.72E-05	9.94E-03	0.014828	4.62E-03	3.45E-05	1.91E-02	2.37E-02
4536	494363.09	3858877.25	0.2688	0.27665	0.29104	4.12E-03	2.01E-05	7.81E-03	0.011951	4.21E-03	1.98E-05	8.68E-03	0.012917	4.00E-03	2.52E-05	1.67E-02	2.07E-02
4537	494863.09	3858877.25	0.22441	0.26528	0.23897	3.44E-03	1.93E-05	6.41E-03	0.009872	3.52E-03	1.90E-05	7.13E-03	0.010667	3.34E-03	2.41E-05	1.37E-02	1.71E-02
4538	495363.09	3858877.25	0.18886	0.21284	0.19439	2.90E-03	1.55E-05	5.21E-03	0.008127	2.96E-03	1.53E-05	5.80E-03	0.008776	2.81E-03	1.94E-05	1.11E-02	1.40E-02
4539	495863.09	3858877.25	0.17439	0.20828	0.18075	2.68E-03	1.52E-05	4.85E-03	0.007539	2.73E-03	1.49E-05	5.39E-03	0.008141	2.60E-03	1.89E-05	1.04E-02	1.30E-02
4540	496363.09	3858877.25	0.17393	0.22072	0.1836	2.67E-03	1.61E-05	4.92E-03	0.007609	2.73E-03	1.58E-05	5.48E-03	0.00822	2.59E-03	2.01E-05	1.05E-02	1.31E-02
4541	496863.09	3858877.25	0.17282	0.22503	0.18488	2.65E-03	1.64E-05	4.96E-03	0.007627	2.71E-03	1.61E-05	5.52E-03	0.008241	2.57E-03	2.05E-05	1.06E-02	1.32E-02
4542	497363.09	3858877.25	0.17805	0.22647	0.18299	2.73E-03	1.65E-05	4.91E-03	0.007657	2.79E-03	1.62E-05	5.46E-03	0.008267	2.65E-03	2.06E-05	1.05E-02	1.32E-02
4543	497863.09	3858877.25	0.21644	0.25386	0.24085	3.32E-03	1.85E-05	6.46E-03	0.0098	3.39E-03	1.82E-05	7.19E-03	0.010597	3.22E-03	2.31E-05	1.38E-02	1.70E-02
4544	498363.09	3858877.25	0.27955	0.2947	0.30435	4.29E-03	2.15E-05	8.16E-03	0.012474	4.38E-03	2.11E-05	9.08E-03	0.013484	4.16E-03	2.68E-05	1.74E-02	2.16E-02
4545	471363.09	3859377.25	0.14293	0.27143	0.15582	2.19E-03	1.98E-05	4.18E-03	0.006392	2.24E-03	1.94E-05	4.65E-03	0.006909	2.13E-03	2.47E-05	8.93E-03	1.11E-02
4546	471863.09	3859377.25	0.14967	0.28157	0.16823	2.30E-03	2.05E-05	4.51E-03	0.006829	2.35E-03	2.02E-05	5.02E-03	0.007386	2.23E-03	2.56E-05	9.64E-03	1.19E-02
4547	472363.09	3859377.25	0.16866	0.32568	0.19833	2.59E-03	2.37E-05	5.32E-03	0.007931	2.64E-03	2.33E-05	5.92E-03	0.008584	2.51E-03	2.96E-05	1.14E-02	1.39E-02
4548	472863.09	3859377.25	0.1827	0.33263	0.21427	2.80E-03	2.42E-05	5.75E-03	0.008575	2.86E-03	2.38E-05	6.39E-03	0.009281	2.72E-03	3.03E-05	1.23E-02	1.50E-02
4549	473363.09	3859377.25	0.20017	0.33494	0.23136	3.07E-03	2.44E-05	6.21E-03	0.009301	3.14E-03	2.40E-05	6.90E-03	0.010064	2.98E-03	3.05E-05	1.33E-02	1.63E-02
4550	473863.09	3859377.25	0.21445	0.36459	0.23628	3.29E-03	2.65E-05	6.34E-03	0.009654	3.36E-03	2.61E-05	7.05E-03	0.010437	3.19E-03	3.32E-05	1.35E-02	1.68E-02
4551	474363.09	3859377.25	0.1876	0.27235	0.19778	2.88E-03	1.98E-05	5.30E-03	0.008203	2.94E-03	1.95E-05	5.90E-03	0.008861	2.79E-03	2.48E-05	1.13E-02	1.41E-02
4552	474863.09	3859377.25	0.11901	0.1756	0.12696	1.83E-03	1.28E-05	3.41E-03	0.005244	1.87E-03	1.26E-05	3.79E-03	0.005666	1.77E-03	1.60E-05	7.27E-03	9.06E-03
4553	475363.09	3859377.25	0.07264	0.10992	0.07975	1.11E-03	8.00E-06	2.14E-03	0.003262	1.14E-03	7.88E-06	2.38E-03	0.003526	1.08E-03	1.00E-05	4.57E-03	5.66E-03
4554	475863.09	3859377.25	0.04975	0.07513	0.05466	7.63E-04	5.47E-06	1.47E-03	0.002235	7.80E-04	5.38E-06	1.63E-03	0.002416	7.41E-04	6.83E-06	3.13E-03	3.88E-03
4555	476363.09	3859377.25	0.04437	0.08582	0.05193	6.81E-04	6.25E-06	1.39E-03	0.00208	6.96E-04	6.15E-06	1.55E-03	0.002251	6.61E-04	7.81E-06	2.97E-03	3.64E-03

4556	476863.09	3859377.25	0.04114	0.06049	0.04601	6.31E-04	4.40E-06	1.23E-03	0.00187	6.45E-04	4.33E-06	1.37E-03	0.002022	6.13E-04	5.50E-06	2.64E-03	3.25E-03
4557	477363.09	3859377.25	0.04282	0.06976	0.04612	6.57E-04	5.08E-06	1.24E-03	0.001899	6.71E-04	5.00E-06	1.38E-03	0.002052	6.38E-04	6.35E-06	2.64E-03	3.29E-03
4558	477863.09	3859377.25	0.07914	0.11816	0.08066	1.21E-03	8.60E-06	2.16E-03	0.003386	1.24E-03	8.47E-06	2.41E-03	0.003656	1.18E-03	1.07E-05	4.62E-03	5.81E-03
4559	478363.09	3859377.25	0.12804	0.18398	0.12831	1.96E-03	1.34E-05	3.44E-03	0.00542	2.01E-03	1.32E-05	3.83E-03	0.005849	1.91E-03	1.67E-05	7.35E-03	9.27E-03
4560	478863.09	3859377.25	0.21189	0.32476	0.22423	3.25E-03	2.36E-05	6.01E-03	0.009289	3.32E-03	2.33E-05	6.69E-03	0.010035	3.16E-03	2.95E-05	1.28E-02	1.60E-02
4561	479363.09	3859377.25	0.31197	0.44019	0.34261	4.79E-03	3.20E-05	9.19E-03	0.014008	4.89E-03	3.15E-05	1.02E-02	0.015144	4.65E-03	4.00E-05	1.96E-02	2.43E-02
4562	479863.09	3859377.25	0.40772	0.58798	0.44152	6.26E-03	4.28E-05	1.18E-02	0.018141	6.39E-03	4.21E-05	1.32E-02	0.019606	6.07E-03	5.35E-05	2.53E-02	3.14E-02
4563	480363.09	3859377.25	0.50083	0.79098	0.52911	7.69E-03	5.76E-05	1.42E-02	0.021934	7.85E-03	5.67E-05	1.58E-02	0.023694	7.46E-03	7.19E-05	3.03E-02	3.78E-02
4564	480863.09	3859377.25	0.54358	0.73338	0.58222	8.34E-03	5.34E-05	1.56E-02	0.02401	8.52E-03	5.25E-05	1.74E-02	0.025944	8.10E-03	6.67E-05	3.34E-02	4.15E-02
4565	481363.09	3859377.25	0.57318	0.96105	0.61872	8.80E-03	7.00E-05	1.66E-02	0.02546	8.99E-03	6.89E-05	1.85E-02	0.027514	8.54E-03	8.74E-05	3.54E-02	4.41E-02
4566	481863.09	3859377.25	0.61276	0.98615	0.66013	9.40E-03	7.18E-05	1.77E-02	0.02718	9.61E-03	7.07E-05	1.97E-02	0.029371	9.13E-03	8.97E-05	3.78E-02	4.70E-02
4567	482363.09	3859377.25	0.63451	0.82923	0.67795	9.74E-03	6.04E-05	1.82E-02	0.02798	9.95E-03	5.94E-05	2.02E-02	0.030233	9.45E-03	7.54E-05	3.88E-02	4.84E-02
4568	482863.09	3859377.25	0.67941	0.93312	0.79155	1.04E-02	6.79E-05	2.12E-02	0.031723	1.07E-02	6.69E-05	2.36E-02	0.034333	1.01E-02	8.49E-05	4.53E-02	5.55E-02
4569	483363.09	3859377.25	0.73548	0.87408	0.81963	1.13E-02	6.36E-05	2.20E-02	0.033333	1.15E-02	6.26E-05	2.45E-02	0.036046	1.10E-02	7.95E-05	4.70E-02	5.80E-02
4570	483863.09	3859377.25	0.74151	0.82854	0.80988	1.14E-02	6.03E-05	2.17E-02	0.03316	1.16E-02	5.94E-05	2.42E-02	0.035846	1.10E-02	7.54E-05	4.64E-02	5.75E-02
4571	484363.09	3859377.25	0.75445	0.95639	0.82786	1.16E-02	6.96E-05	2.22E-02	0.03385	1.18E-02	6.85E-05	2.47E-02	0.036595	1.12E-02	8.70E-05	4.74E-02	5.87E-02
4572	484863.09	3859377.25	0.76714	0.99624	0.84299	1.18E-02	7.25E-05	2.26E-02	0.034454	1.20E-02	7.14E-05	2.51E-02	0.037248	1.14E-02	9.06E-05	4.83E-02	5.98E-02
4573	485363.09	3859377.25	0.8392	1.07301	0.8805	1.29E-02	7.81E-05	2.36E-02	0.036571	1.32E-02	7.69E-05	2.63E-02	0.039502	1.25E-02	9.76E-05	5.04E-02	6.30E-02
4574	485863.09	3859377.25	0.86607	1.21731	0.86882	1.33E-02	8.86E-05	2.33E-02	0.036681	1.36E-02	8.72E-05	2.59E-02	0.039585	1.29E-02	1.11E-04	4.98E-02	6.28E-02
4575	486363.09	3859377.25	0.96529	1.193	0.9524	1.48E-02	8.68E-05	2.55E-02	0.040443	1.51E-02	8.55E-05	2.84E-02	0.043633	1.44E-02	1.09E-04	5.46E-02	6.90E-02
4576	486863.09	3859377.25	0.94396	0.98346	0.99221	1.45E-02	7.16E-05	2.66E-02	0.041168	1.48E-02	7.05E-05	2.96E-02	0.044471	1.41E-02	8.95E-05	5.68E-02	7.10E-02
4577	487363.09	3859377.25	1.05753	1.15906	1.13584	1.62E-02	8.44E-05	3.05E-02	0.046776	1.66E-02	8.30E-05	3.39E-02	0.050549	1.58E-02	1.05E-04	6.51E-02	8.09E-02
4578	487863.09	3859377.25	1.08338	1.09426	1.21686	1.66E-02	7.97E-05	3.26E-02	0.049341	1.70E-02	7.84E-05	3.63E-02	0.053367	1.61E-02	9.95E-05	6.97E-02	8.59E-02
4579	488363.09	3859377.25	1.2577	1.16136	1.35366	1.93E-02	8.45E-05	3.63E-02	0.05569	1.97E-02	8.32E-05	4.04E-02	0.060186	1.87E-02	1.06E-04	7.75E-02	9.64E-02
4580	488863.09	3859377.25	1.43005	1.31846	1.58584	2.19E-02	9.60E-05	4.25E-02	0.064573	2.24E-02	9.45E-05	4.73E-02	0.069826	2.13E-02	1.20E-04	9.08E-02	1.12E-01
4581	489363.09	3859377.25	1.34975	1.13634	1.44529	2.07E-02	8.27E-05	3.88E-02	0.059558	2.12E-02	8.14E-05	4.31E-02	0.064361	2.01E-02	1.03E-04	8.28E-02	1.03E-01
4582	489863.09	3859377.25	1.2963	0.96976	1.23237	1.99E-02	7.06E-05	3.31E-02	0.053015	2.03E-02	6.95E-05	3.68E-02	0.057159	1.93E-02	8.82E-05	7.06E-02	9.00E-02
4583	490363.09	3859377.25	1.11212	0.9113	1.20654	1.71E-02	6.63E-05	3.24E-02	0.049492	1.74E-02	6.53E-05	3.60E-02	0.053496	1.66E-02	8.29E-05	6.91E-02	8.58E-02
4584	490863.09	3859377.25	1.03802	0.99698	1.20415	1.59E-02	7.26E-05	3.23E-02	0.048297	1.63E-02	7.14E-05	3.59E-02	0.052269	1.55E-02	9.07E-05	6.90E-02	8.45E-02
4585	491363.09	3859377.25	0.72645	0.70281	0.82381	1.11E-02	5.12E-05	2.21E-02	0.033294	1.14E-02	5.04E-05	2.46E-02	0.036017	1.08E-02	6.39E-05	4.72E-02	5.81E-02
4586	491863.09	3859377.25	0.68143	0.859	0.78488	1.05E-02	6.25E-05	2.11E-02	0.03157	1.07E-02	6.15E-05	2.34E-02	0.034161	1.02E-02	7.81E-05	4.50E-02	5.52E-02
4587	492363.09	3859377.25	0.59063	0.72472	0.67851	9.06E-03	5.28E-05	1.82E-02	0.027314	9.26E-03	5.19E-05	2.02E-02	0.029554	8.80E-03	6.59E-05	3.89E-02	4.77E-02
4588	492863.09	3859377.25	0.53608	0.71095	0.5945	8.23E-03	5.18E-05	1.59E-02	0.024223	8.41E-03	5.09E-05	1.77E-02	0.026192	7.99E-03	6.47E-05	3.41E-02	4.21E-02
4589	493363.09	3859377.25	0.47996	0.55127	0.56553	7.37E-03	4.01E-05	1.52E-02	0.022573	7.53E-03	3.95E-05	1.69E-02	0.024436	7.15E-03	5.01E-05	3.24E-02	3.96E-02
4590	493863.09	3859377.25	0.45867	0.46368	0.51391	7.04E-03	3.38E-05	1.38E-02	0.020855	7.19E-03	3.32E-05	1.53E-02	0.022556	6.83E-03	4.22E-05	2.94E-02	3.63E-02
4591	494363.09	3859377.25	0.41531	0.54294	0.44087	6.37E-03	3.95E-05	1.18E-02	0.018237	6.51E-03	3.89E-05	1.32E-02	0.019703	6.19E-03	4.94E-05	2.53E-02	3.15E-02
4592	494863.09	3859377.25	0.31028	0.44234	0.33702	4.76E-03	3.22E-05	9.04E-03	0.013833	4.86E-03	3.17E-05	1.01E-02	0.014951	4.62E-03	4.02E-05	1.93E-02	2.40E-02
4593	495363.09	3859377.25	0.3026	0.35249	0.32044	4.64E-03	2.57E-05	8.59E-03	0.013263	4.74E-03	2.53E-05	9.56E-03	0.014329	4.51E-03	3.21E-05	1.84E-02	2.29E-02
4594	495863.09	3859377.25	0.26507	0.31998	0.28881	4.07E-03	2.33E-05	7.75E-03	0.011837	4.16E-03	2.29E-05	8.62E-03	0.012795	3.95E-03	2.91E-05	1.65E-02	2.05E-02
4595	496363.09	3859377.25	0.25729	0.31707	0.28338	3.95E-03	2.31E-05	7.60E-03	0.011572	4.03E-03	2.27E-05	8.45E-03	0.012511	3.83E-03	2.88E-05	1.62E-02	2.01E-02
4596	496863.09	3859377.25	0.21229	0.25063	0.23478	3.26E-03	1.82E-05	6.30E-03	0.009573	3.33E-03	1.80E-05	7.00E-03	0.010351	3.16E-03	2.28E-05	1.34E-02	1.66E-02
4597	497363.09	3859377.25	0.23813	0.29092	0.27587	3.65E-03	2.12E-05	7.40E-03	0.011074	3.73E-03	2.08E-05	8.23E-03	0.011984	3.55E-03	2.65E-05	1.58E-02	1.94E-02
4598	497863.09	3859377.25	0.30096	0.33383	0.33531	4.62E-03	2.43E-05	8.99E-03	0.013636	4.72E-03	2.39E-05	1.00E-02	0.014746	4.48E-03	3.04E-05	1.92E-02	2.37E-02
4599	498363.09	3859377.25	0.32728	0.38483	0.36207	5.02E-03	2.80E-05	9.71E-03	0.014761	5.13E-03	2.76E-05	1.08E-02	0.01596	4.88E-03	3.50E-05	2.07E-02	2.57E-02
4600	471363.09	3859877.25	0.14981	0.29839	0.16343	2.30E-03	2.17E-05	4.38E-03	0.006704	2.35E-03	2.14E-05	4.88E-03	0.007246	2.23E-03	2.71E-05	9.36E-03	1.16E-02
4601	471863.09	3859877.25	0.15359	0.3063	0.17499	2.36E-03	2.23E-05	4.69E-03	0.007072	2.41E-03	2.19E-05	5.22E-03	0.00765	2.29E-03	2.79E-05	1.00E-02	1.23E-02
4602	472363.09	3859877.25	0.16038	0.28132	0.18386	2.46E-03	2.05E-05	4.93E-03	0.007413	2.51E-03	2.02E-05	5.48E-03	0.00802	2.39E-03	2.56E-05	1.05E-02	1.29E-02

4603	472863.09	3859877.25	0.17867	0.30905	0.19872	2.74E-03	2.25E-05	5.33E-03	0.008094	2.80E-03	2.21E-05	5.93E-03	0.008752	2.66E-03	2.81E-05	1.14E-02	1.41E-02
4604	473363.09	3859877.25	0.19567	0.35168	0.21526	3.00E-03	2.56E-05	5.77E-03	0.008802	3.07E-03	2.52E-05	6.42E-03	0.009515	2.91E-03	3.20E-05	1.23E-02	1.53E-02
4605	473863.09	3859877.25	0.21121	0.35387	0.23233	3.24E-03	2.58E-05	6.23E-03	0.009498	3.31E-03	2.54E-05	6.93E-03	0.010268	3.15E-03	3.22E-05	1.33E-02	1.65E-02
4606	474363.09	3859877.25	0.20801	0.34816	0.22146	3.19E-03	2.53E-05	5.94E-03	0.009157	3.26E-03	2.49E-05	6.61E-03	0.009893	3.10E-03	3.17E-05	1.27E-02	1.58E-02
4607	474863.09	3859877.25	0.16707	0.24893	0.17683	2.56E-03	1.81E-05	4.74E-03	0.007325	2.62E-03	1.78E-05	5.28E-03	0.007913	2.49E-03	2.26E-05	1.01E-02	1.26E-02
4608	475363.09	3859877.25	0.08692	0.13758	0.10135	1.33E-03	1.00E-05	2.72E-03	0.004062	1.36E-03	9.86E-06	3.02E-03	0.004396	1.29E-03	1.25E-05	5.81E-03	7.11E-03
4609	475863.09	3859877.25	0.05003	0.07178	0.05514	7.68E-04	5.23E-06	1.48E-03	0.002252	7.84E-04	5.14E-06	1.64E-03	0.002435	7.45E-04	6.53E-06	3.16E-03	3.91E-03
4610	476363.09	3859877.25	0.03507	0.0515	0.03954	5.38E-04	3.75E-06	1.06E-03	0.001602	5.50E-04	3.69E-06	1.18E-03	0.001733	5.22E-04	4.68E-06	2.27E-03	2.79E-03
4611	476863.09	3859877.25	0.03857	0.06589	0.03973	5.92E-04	4.80E-06	1.07E-03	0.001662	6.05E-04	4.72E-06	1.19E-03	0.001795	5.75E-04	5.99E-06	2.28E-03	2.86E-03
4612	477363.09	3859877.25	0.04073	0.06906	0.04674	6.25E-04	5.03E-06	1.25E-03	0.001884	6.39E-04	4.95E-06	1.39E-03	0.002038	6.07E-04	6.28E-06	2.68E-03	3.29E-03
4613	477863.09	3859877.25	0.07124	0.12595	0.07373	1.09E-03	9.17E-06	1.98E-03	0.00308	1.12E-03	9.02E-06	2.20E-03	0.003326	1.06E-03	1.15E-05	4.22E-03	5.30E-03
4614	478363.09	3859877.25	0.12335	0.1811	0.12172	1.89E-03	1.32E-05	3.26E-03	0.005171	1.93E-03	1.30E-05	3.63E-03	0.005578	1.84E-03	1.65E-05	6.97E-03	8.83E-03
4615	478863.09	3859877.25	0.21367	0.27522	0.23199	3.28E-03	2.00E-05	6.22E-03	0.009521	3.35E-03	1.97E-05	6.92E-03	0.010291	3.18E-03	2.50E-05	1.33E-02	1.65E-02
4616	479363.09	3859877.25	0.34587	0.48483	0.36666	5.31E-03	3.53E-05	9.83E-03	0.015177	5.42E-03	3.47E-05	1.09E-02	0.016396	5.15E-03	4.41E-05	2.10E-02	2.62E-02
4617	479863.09	3859877.25	0.41738	0.66704	0.44572	6.40E-03	4.86E-05	1.20E-02	0.018408	6.54E-03	4.78E-05	1.33E-02	0.019889	6.22E-03	6.07E-05	2.55E-02	3.18E-02
4618	480363.09	3859877.25	0.46574	0.63552	0.49605	7.15E-03	4.63E-05	1.33E-02	0.020497	7.30E-03	4.55E-05	1.48E-02	0.022146	6.94E-03	5.78E-05	2.84E-02	3.54E-02
4619	480863.09	3859877.25	0.48862	0.75554	0.5326	7.50E-03	5.50E-05	1.43E-02	0.021838	7.66E-03	5.41E-05	1.59E-02	0.023604	7.28E-03	6.87E-05	3.05E-02	3.79E-02
4620	481363.09	3859877.25	0.50929	0.87707	0.54124	7.82E-03	6.38E-05	1.45E-02	0.022395	7.99E-03	6.28E-05	1.61E-02	0.024195	7.59E-03	7.98E-05	3.10E-02	3.87E-02
4621	481863.09	3859877.25	0.57741	0.76651	0.59331	8.86E-03	5.58E-05	1.59E-02	0.024829	9.05E-03	5.49E-05	1.77E-02	0.026808	8.60E-03	6.97E-05	3.40E-02	4.27E-02
4622	482363.09	3859877.25	0.60128	0.72678	0.62036	9.23E-03	5.29E-05	1.66E-02	0.025918	9.43E-03	5.21E-05	1.85E-02	0.027986	8.96E-03	6.61E-05	3.55E-02	4.46E-02
4623	482863.09	3859877.25	0.62338	0.81278	0.67948	9.57E-03	5.92E-05	1.82E-02	0.027849	9.77E-03	5.82E-05	2.03E-02	0.030103	9.29E-03	7.39E-05	3.89E-02	4.83E-02
4624	483363.09	3859877.25	0.62503	0.76058	0.71559	9.59E-03	5.54E-05	1.92E-02	0.028839	9.80E-03	5.45E-05	2.13E-02	0.031202	9.31E-03	6.92E-05	4.10E-02	5.04E-02
4625	483863.09	3859877.25	0.584	0.80002	0.68144	8.96E-03	5.82E-05	1.83E-02	0.027296	9.16E-03	5.73E-05	2.03E-02	0.029543	8.70E-03	7.28E-05	3.90E-02	4.78E-02
4626	484363.09	3859877.25	0.55437	0.70711	0.65519	8.51E-03	5.15E-05	1.76E-02	0.026131	8.69E-03	5.07E-05	1.95E-02	0.028289	8.26E-03	6.43E-05	3.75E-02	4.59E-02
4627	484863.09	3859877.25	0.59192	0.92386	0.63688	9.08E-03	6.72E-05	1.71E-02	0.026232	9.28E-03	6.62E-05	1.90E-02	0.028347	8.82E-03	8.40E-05	3.65E-02	4.54E-02
4628	485363.09	3859877.25	0.62848	0.90636	0.66418	9.64E-03	6.60E-05	1.78E-02	0.027524	9.85E-03	6.49E-05	1.98E-02	0.029733	9.36E-03	8.24E-05	3.80E-02	4.75E-02
4629	485863.09	3859877.25	0.62757	1.02931	0.70553	9.63E-03	7.49E-05	1.89E-02	0.028628	9.84E-03	7.38E-05	2.10E-02	0.030961	9.35E-03	9.36E-05	4.04E-02	4.99E-02
4630	486363.09	3859877.25	0.68337	0.91262	0.73249	1.05E-02	6.64E-05	1.96E-02	0.030199	1.07E-02	6.54E-05	2.19E-02	0.032632	1.02E-02	8.30E-05	4.20E-02	5.22E-02
4631	486863.09	3859877.25	0.72285	0.78283	0.7874	1.11E-02	5.70E-05	2.11E-02	0.032268	1.13E-02	5.61E-05	2.35E-02	0.03488	1.08E-02	7.12E-05	4.51E-02	5.59E-02
4632	487363.09	3859877.25	0.80523	0.81393	0.90382	1.24E-02	5.92E-05	2.42E-02	0.036657	1.26E-02	5.83E-05	2.70E-02	0.039647	1.20E-02	7.40E-05	5.18E-02	6.38E-02
4633	487863.09	3859877.25	0.87359	0.79664	0.97495	1.34E-02	5.80E-05	2.61E-02	0.039612	1.37E-02	5.71E-05	2.91E-02	0.042839	1.30E-02	7.25E-05	5.58E-02	6.89E-02
4634	488363.09	3859877.25	0.88917	0.93658	1.02235	1.36E-02	6.82E-05	2.74E-02	0.041133	1.39E-02	6.71E-05	3.05E-02	0.044508	1.32E-02	8.52E-05	5.86E-02	7.19E-02
4635	488863.09	3859877.25	1.02275	0.93472	1.11393	1.57E-02	6.80E-05	2.99E-02	0.045638	1.60E-02	6.70E-05	3.32E-02	0.049334	1.52E-02	8.50E-05	6.38E-02	7.91E-02
4636	489363.09	3859877.25	1.08186	1.0646	1.22979	1.66E-02	7.75E-05	3.30E-02	0.049662	1.70E-02	7.63E-05	3.67E-02	0.053726	1.61E-02	9.68E-05	7.04E-02	8.67E-02
4637	489863.09	3859877.25	0.91603	0.9231	1.10554	1.41E-02	6.72E-05	2.97E-02	0.043775	1.44E-02	6.61E-05	3.30E-02	0.04741	1.36E-02	8.40E-05	6.33E-02	7.71E-02
4638	490363.09	3859877.25	0.81968	0.796	0.9465	1.26E-02	5.79E-05	2.54E-02	0.038022	1.29E-02	5.70E-05	2.82E-02	0.041145	1.22E-02	7.24E-05	5.42E-02	6.65E-02
4639	490863.09	3859877.25	0.89959	0.67946	0.88647	1.38E-02	4.95E-05	2.38E-02	0.037629	1.41E-02	4.87E-05	2.64E-02	0.040599	1.34E-02	6.18E-05	5.08E-02	6.42E-02
4640	491363.09	3859877.25	0.79694	0.68311	0.89905	1.22E-02	4.97E-05	2.41E-02	0.036392	1.25E-02	4.89E-05	2.68E-02	0.039365	1.19E-02	6.21E-05	5.15E-02	6.34E-02
4641	491863.09	3859877.25	0.73828	0.72116	0.93638	1.13E-02	5.25E-05	2.51E-02	0.036496	1.16E-02	5.17E-05	2.79E-02	0.039562	1.10E-02	6.56E-05	5.36E-02	6.47E-02
4642	492363.09	3859877.25	0.70875	0.65951	0.85767	1.09E-02	4.80E-05	2.30E-02	0.033927	1.11E-02	4.73E-05	2.56E-02	0.036746	1.06E-02	6.00E-05	4.91E-02	5.97E-02
4643	492863.09	3859877.25	0.59972	0.66673	0.72419	9.20E-03	4.85E-05	1.94E-02	0.028674	9.40E-03	4.78E-05	2.16E-02	0.031055	8.93E-03	6.06E-05	4.15E-02	5.05E-02
4644	493363.09	3859877.25	0.52511	0.60369	0.59064	8.06E-03	4.39E-05	1.58E-02	0.023943	8.23E-03	4.33E-05	1.76E-02	0.025897	7.82E-03	5.49E-05	3.38E-02	4.17E-02
4645	493863.09	3859877.25	0.45828	0.58692	0.54431	7.03E-03	4.27E-05	1.46E-02	0.021674	7.19E-03	4.21E-05	1.62E-02	0.023466	6.83E-03	5.34E-05	3.12E-02	3.81E-02
4646	494363.09	3859877.25	0.44052	0.47579	0.47824	6.76E-03	3.46E-05	1.28E-02	0.019621	6.91E-03	3.41E-05	1.43E-02	0.021208	6.56E-03	4.33E-05	2.74E-02	3.40E-02
4647	494863.09	3859877.25	0.41653	0.47564	0.45792	6.39E-03	3.46E-05	1.23E-02	0.018708	6.53E-03	3.41E-05	1.37E-02	0.020226	6.21E-03	4.33E-05	2.62E-02	3.25E-02
4648	495363.09	3859877.25	0.38037	0.43532	0.42215	5.84E-03	3.17E-05	1.13E-02	0.017191	5.96E-03	3.12E-05	1.26E-02	0.018589	5.67E-03	3.96E-05	2.42E-02	2.99E-02
4649	495863.09	3859877.25	0.34461	0.45961	0.37808	5.29E-03	3.35E-05	1.01E-02	0.015462	5.40E-03	3.29E-05	1.13E-02	0.016715	5.13E-03	4.18E-05	2.17E-02	2.68E-02

4650	496363.09	3859877.25	0.29453	0.4043	0.32125	4.52E-03	2.94E-05	8.62E-03	0.013165	4.62E-03	2.90E-05	9.58E-03	0.014231	4.39E-03	3.68E-05	1.84E-02	2.28E-02
4651	496863.09	3859877.25	0.18967	0.22424	0.20341	2.91E-03	1.63E-05	5.46E-03	0.008382	2.97E-03	1.61E-05	6.07E-03	0.009058	2.83E-03	2.04E-05	1.17E-02	1.45E-02
4652	497363.09	3859877.25	0.25303	0.32585	0.27061	3.88E-03	2.37E-05	7.26E-03	0.011164	3.97E-03	2.33E-05	8.07E-03	0.012064	3.77E-03	2.96E-05	1.55E-02	1.93E-02
4653	497863.09	3859877.25	0.29866	0.38909	0.33233	4.58E-03	2.83E-05	8.91E-03	0.013525	4.68E-03	2.79E-05	9.91E-03	0.014625	4.45E-03	3.54E-05	1.90E-02	2.35E-02
4654	498363.09	3859877.25	0.31629	0.35393	0.36101	4.85E-03	2.58E-05	9.68E-03	0.014562	4.96E-03	2.54E-05	1.08E-02	0.015754	4.71E-03	3.22E-05	2.07E-02	2.54E-02
4655	471363.09	3860377.25	0.15477	0.28455	0.17342	2.37E-03	2.07E-05	4.65E-03	0.007047	2.43E-03	2.04E-05	5.17E-03	0.007621	2.31E-03	2.59E-05	9.93E-03	1.23E-02
4656	471863.09	3860377.25	0.16784	0.34618	0.1862	2.58E-03	2.52E-05	4.99E-03	0.007595	2.63E-03	2.48E-05	5.55E-03	0.008211	2.50E-03	3.15E-05	1.07E-02	1.32E-02
4657	472363.09	3860377.25	0.18046	0.33915	0.20026	2.77E-03	2.47E-05	5.37E-03	0.008165	2.83E-03	2.43E-05	5.97E-03	0.008828	2.69E-03	3.08E-05	1.15E-02	1.42E-02
4658	472863.09	3860377.25	0.19319	0.33431	0.21509	2.96E-03	2.43E-05	5.77E-03	0.008758	3.03E-03	2.40E-05	6.42E-03	0.00947	2.88E-03	3.04E-05	1.23E-02	1.52E-02
4659	473363.09	3860377.25	0.20573	0.35734	0.22754	3.16E-03	2.60E-05	6.10E-03	0.009286	3.23E-03	2.56E-05	6.79E-03	0.010039	3.06E-03	3.25E-05	1.30E-02	1.61E-02
4660	473863.09	3860377.25	0.2113	0.34652	0.23255	3.24E-03	2.52E-05	6.24E-03	0.009505	3.31E-03	2.48E-05	6.94E-03	0.010275	3.15E-03	3.15E-05	1.33E-02	1.65E-02
4661	474363.09	3860377.25	0.22373	0.33293	0.25019	3.43E-03	2.42E-05	6.71E-03	0.010168	3.51E-03	2.39E-05	7.46E-03	0.010995	3.33E-03	3.03E-05	1.43E-02	1.77E-02
4662	474863.09	3860377.25	0.21583	0.32109	0.23153	3.31E-03	2.34E-05	6.21E-03	0.009545	3.38E-03	2.30E-05	6.91E-03	0.010314	3.22E-03	2.92E-05	1.33E-02	1.65E-02
4663	475363.09	3860377.25	0.1835	0.26307	0.1982	2.82E-03	1.91E-05	5.32E-03	0.008151	2.88E-03	1.88E-05	5.91E-03	0.008809	2.73E-03	2.39E-05	1.14E-02	1.41E-02
4664	475863.09	3860377.25	0.14975	0.22394	0.15445	2.30E-03	1.63E-05	4.14E-03	0.006457	2.35E-03	1.60E-05	4.61E-03	0.006972	2.23E-03	2.04E-05	8.85E-03	1.11E-02
4665	476363.09	3860377.25	0.11015	0.1589	0.11097	1.69E-03	1.16E-05	2.98E-03	0.004678	1.73E-03	1.14E-05	3.31E-03	0.005049	1.64E-03	1.45E-05	6.36E-03	8.01E-03
4666	476863.09	3860377.25	0.0978	0.13118	0.0969	1.50E-03	9.55E-06	2.60E-03	0.004109	1.53E-03	9.40E-06	2.89E-03	0.004434	1.46E-03	1.19E-05	5.55E-03	7.02E-03
4667	477363.09	3860377.25	0.06357	0.10852	0.06594	9.75E-04	7.90E-06	1.77E-03	0.002752	9.97E-04	7.78E-06	1.97E-03	0.002972	9.47E-04	9.87E-06	3.78E-03	4.73E-03
4668	477863.09	3860377.25	0.0723	0.10053	0.08173	1.11E-03	7.32E-06	2.19E-03	0.003309	1.13E-03	7.20E-06	2.44E-03	0.003579	1.08E-03	9.14E-06	4.68E-03	5.77E-03
4669	478363.09	3860377.25	0.14246	0.15898	0.14913	2.19E-03	1.16E-05	4.00E-03	0.006197	2.23E-03	1.14E-05	4.45E-03	0.006694	2.12E-03	1.45E-05	8.54E-03	1.07E-02
4670	478863.09	3860377.25	0.22529	0.31057	0.24638	3.46E-03	2.26E-05	6.61E-03	0.010088	3.53E-03	2.23E-05	7.35E-03	0.010905	3.36E-03	2.83E-05	1.41E-02	1.75E-02
4671	479363.09	3860377.25	0.31649	0.51362	0.35141	4.86E-03	3.74E-05	9.42E-03	0.014319	4.96E-03	3.68E-05	1.05E-02	0.015482	4.71E-03	4.67E-05	2.01E-02	2.49E-02
4672	479863.09	3860377.25	0.3954	0.59571	0.4074	6.07E-03	4.34E-05	1.09E-02	0.017038	6.20E-03	4.27E-05	1.22E-02	0.018396	5.89E-03	5.42E-05	2.33E-02	2.93E-02
4673	480363.09	3860377.25	0.42626	0.64424	0.4468	6.54E-03	4.69E-05	1.20E-02	0.018571	6.68E-03	4.62E-05	1.33E-02	0.020059	6.35E-03	5.86E-05	2.56E-02	3.20E-02
4674	480863.09	3860377.25	0.44242	0.66276	0.4563	6.79E-03	4.82E-05	1.22E-02	0.019075	6.94E-03	4.75E-05	1.36E-02	0.020597	6.59E-03	6.03E-05	2.61E-02	3.28E-02
4675	481363.09	3860377.25	0.4592	0.70206	0.53397	7.05E-03	5.11E-05	1.43E-02	0.021419	7.20E-03	5.03E-05	1.59E-02	0.02318	6.84E-03	6.39E-05	3.06E-02	3.75E-02
4676	481863.09	3860377.25	0.53145	0.6111	0.57122	8.16E-03	4.45E-05	1.53E-02	0.02352	8.33E-03	4.38E-05	1.70E-02	0.025417	7.92E-03	5.56E-05	3.27E-02	4.07E-02
4677	482363.09	3860377.25	0.52372	0.6251	0.56361	8.04E-03	4.55E-05	1.51E-02	0.023198	8.21E-03	4.48E-05	1.68E-02	0.02507	7.80E-03	5.69E-05	3.23E-02	4.01E-02
4678	482863.09	3860377.25	0.50684	0.64979	0.5659	7.78E-03	4.73E-05	1.52E-02	0.023003	7.95E-03	4.66E-05	1.69E-02	0.024875	7.55E-03	5.91E-05	3.24E-02	4.00E-02
4679	483363.09	3860377.25	0.49657	0.57441	0.58354	7.62E-03	4.18E-05	1.57E-02	0.023313	7.79E-03	4.12E-05	1.74E-02	0.025235	7.40E-03	5.22E-05	3.34E-02	4.09E-02
4680	483863.09	3860377.25	0.48896	0.57792	0.5693	7.50E-03	4.21E-05	1.53E-02	0.022814	7.67E-03	4.14E-05	1.70E-02	0.024691	7.28E-03	5.26E-05	3.26E-02	3.99E-02
4681	484363.09	3860377.25	0.47118	0.71098	0.52107	7.23E-03	5.18E-05	1.40E-02	0.021257	7.39E-03	5.09E-05	1.55E-02	0.022983	7.02E-03	6.47E-05	2.98E-02	3.69E-02
4682	484863.09	3860377.25	0.47552	0.65294	0.54016	7.30E-03	4.75E-05	1.45E-02	0.021832	7.46E-03	4.68E-05	1.61E-02	0.023617	7.08E-03	5.94E-05	3.09E-02	3.81E-02
4683	485363.09	3860377.25	0.47798	0.83123	0.54205	7.33E-03	6.05E-05	1.45E-02	0.021933	7.49E-03	5.96E-05	1.62E-02	0.023724	7.12E-03	7.56E-05	3.11E-02	3.82E-02
4684	485863.09	3860377.25	0.50593	0.70323	0.55889	7.76E-03	5.12E-05	1.50E-02	0.022804	7.93E-03	5.04E-05	1.67E-02	0.024656	7.54E-03	6.40E-05	3.20E-02	3.96E-02
4685	486363.09	3860377.25	0.53685	0.74144	0.58358	8.24E-03	5.40E-05	1.57E-02	0.023944	8.42E-03	5.31E-05	1.74E-02	0.02588	8.00E-03	6.74E-05	3.34E-02	4.15E-02
4686	486863.09	3860377.25	0.54052	0.64454	0.61572	8.29E-03	4.69E-05	1.65E-02	0.024855	8.47E-03	4.62E-05	1.84E-02	0.026889	8.05E-03	5.86E-05	3.53E-02	4.34E-02
4687	487363.09	3860377.25	0.60383	0.67643	0.69474	9.27E-03	4.92E-05	1.86E-02	0.027948	9.47E-03	4.85E-05	2.07E-02	0.030242	9.00E-03	6.15E-05	3.98E-02	4.89E-02
4688	487863.09	3860377.25	0.64678	0.64642	0.77612	9.92E-03	4.71E-05	2.08E-02	0.030788	1.01E-02	4.63E-05	2.32E-02	0.033341	9.64E-03	5.88E-05	4.45E-02	5.42E-02
4689	488363.09	3860377.25	0.67325	0.65465	0.79149	1.03E-02	4.77E-05	2.12E-02	0.031607	1.06E-02	4.69E-05	2.36E-02	0.034215	1.00E-02	5.95E-05	4.53E-02	5.54E-02
4690	488863.09	3860377.25	0.74579	0.70616	0.88304	1.14E-02	5.14E-05	2.37E-02	0.035179	1.17E-02	5.06E-05	2.63E-02	0.038087	1.11E-02	6.42E-05	5.06E-02	6.18E-02
4691	489363.09	3860377.25	0.80082	0.76954	0.93767	1.23E-02	5.60E-05	2.51E-02	0.037494	1.26E-02	5.51E-05	2.80E-02	0.040584	1.19E-02	7.00E-05	5.37E-02	6.57E-02
4692	489863.09	3860377.25	0.87254	0.86248	0.99632	1.34E-02	6.28E-05	2.67E-02	0.040174	1.37E-02	6.18E-05	2.97E-02	0.043465	1.30E-02	7.85E-05	5.71E-02	7.02E-02
4693	490363.09	3860377.25	0.72039	0.79459	0.90487	1.11E-02	5.78E-05	2.43E-02	0.035381	1.13E-02	5.69E-05	2.70E-02	0.038346	1.07E-02	7.23E-05	5.18E-02	6.26E-02
4694	490863.09	3860377.25	0.6881	0.62608	0.76679	1.06E-02	4.56E-05	2.06E-02	0.03117	1.08E-02	4.49E-05	2.29E-02	0.033709	1.03E-02	5.69E-05	4.39E-02	5.42E-02
4695	491363.09	3860377.25	0.57165	0.60476	0.66287	8.77E-03	4.40E-05	1.78E-02	0.026595	8.96E-03	4.33E-05	1.98E-02	0.028781	8.52E-03	5.50E-05	3.80E-02	4.65E-02
4696	491863.09	3860377.25	0.6513	0.54976	0.66714	9.99E-03	4.00E-05	1.79E-02	0.027927	1.02E-02	3.94E-05	1.99E-02	0.030154	9.70E-03	5.00E-05	3.82E-02	4.80E-02

4697	492363.09	3860377.25	0.59227	0.54844	0.70987	9.09E-03	3.99E-05	1.90E-02	0.028167	9.29E-03	3.93E-05	2.12E-02	0.030503	8.82E-03	4.99E-05	4.07E-02	4.95E-02
4698	492863.09	3860377.25	0.57689	0.57883	0.73833	8.85E-03	4.21E-05	1.98E-02	0.028697	9.05E-03	4.15E-05	2.20E-02	0.031113	8.59E-03	5.27E-05	4.23E-02	5.09E-02
4699	493363.09	3860377.25	0.54114	0.553	0.68332	8.30E-03	4.03E-05	1.83E-02	0.026671	8.48E-03	3.96E-05	2.04E-02	0.028909	8.06E-03	5.03E-05	3.91E-02	4.73E-02
4700	493863.09	3860377.25	0.49867	0.53534	0.60182	7.65E-03	3.90E-05	1.61E-02	0.023832	7.82E-03	3.84E-05	1.80E-02	0.025811	7.43E-03	4.87E-05	3.45E-02	4.20E-02
4701	494363.09	3860377.25	0.43116	0.51283	0.52881	6.62E-03	3.73E-05	1.42E-02	0.020836	6.76E-03	3.67E-05	1.58E-02	0.022573	6.42E-03	4.66E-05	3.03E-02	3.68E-02
4702	494863.09	3860377.25	0.37326	0.48022	0.4672	5.73E-03	3.50E-05	1.25E-02	0.018293	5.85E-03	3.44E-05	1.39E-02	0.019824	5.56E-03	4.37E-05	2.68E-02	3.24E-02
4703	495363.09	3860377.25	0.3605	0.39595	0.43424	5.53E-03	2.88E-05	1.16E-02	0.017207	5.65E-03	2.84E-05	1.30E-02	0.018635	5.37E-03	3.60E-05	2.49E-02	3.03E-02
4704	495863.09	3860377.25	0.34257	0.40934	0.40229	5.26E-03	2.98E-05	1.08E-02	0.016076	5.37E-03	2.93E-05	1.20E-02	0.017402	5.10E-03	3.72E-05	2.30E-02	2.82E-02
4705	496363.09	3860377.25	0.30755	0.37242	0.35866	4.72E-03	2.71E-05	9.62E-03	0.014366	4.82E-03	2.67E-05	1.07E-02	0.015548	4.58E-03	3.39E-05	2.05E-02	2.52E-02
4706	496863.09	3860377.25	0.27854	0.37473	0.31474	4.27E-03	2.73E-05	8.44E-03	0.012743	4.37E-03	2.69E-05	9.39E-03	0.013784	4.15E-03	3.41E-05	1.80E-02	2.22E-02
4707	497363.09	3860377.25	0.23059	0.32475	0.25421	3.54E-03	2.36E-05	6.82E-03	0.01038	3.62E-03	2.33E-05	7.58E-03	0.011222	3.44E-03	2.95E-05	1.46E-02	1.80E-02
4708	497863.09	3860377.25	0.28321	0.33513	0.3097	4.35E-03	2.44E-05	8.31E-03	0.012677	4.44E-03	2.40E-05	9.24E-03	0.013704	4.22E-03	3.05E-05	1.77E-02	2.20E-02
4709	498363.09	3860377.25	0.29421	0.30938	0.32954	4.51E-03	2.25E-05	8.84E-03	0.013376	4.61E-03	2.22E-05	9.83E-03	0.014466	4.38E-03	2.81E-05	1.89E-02	2.33E-02
4710	471363.09	3860877.25	0.16449	0.31291	0.1861	2.52E-03	2.28E-05	4.99E-03	0.007538	2.58E-03	2.24E-05	5.55E-03	0.008153	2.45E-03	2.85E-05	1.07E-02	1.31E-02
4711	471863.09	3860877.25	0.17254	0.30029	0.19534	2.65E-03	2.19E-05	5.24E-03	0.007909	2.71E-03	2.15E-05	5.83E-03	0.008554	2.57E-03	2.73E-05	1.12E-02	1.38E-02
4712	472363.09	3860877.25	0.18093	0.30651	0.20497	2.78E-03	2.23E-05	5.50E-03	0.008296	2.84E-03	2.20E-05	6.11E-03	0.008974	2.70E-03	2.79E-05	1.17E-02	1.45E-02
4713	472863.09	3860877.25	0.19109	0.29427	0.21646	2.93E-03	2.14E-05	5.81E-03	0.008759	3.00E-03	2.11E-05	6.46E-03	0.009475	2.85E-03	2.68E-05	1.24E-02	1.53E-02
4714	473363.09	3860877.25	0.19692	0.33728	0.22333	3.02E-03	2.46E-05	5.99E-03	0.009036	3.09E-03	2.42E-05	6.66E-03	0.009774	2.93E-03	3.07E-05	1.28E-02	1.58E-02
4715	473863.09	3860877.25	0.21273	0.31994	0.23933	3.26E-03	2.33E-05	6.42E-03	0.009707	3.34E-03	2.29E-05	7.14E-03	0.010498	3.17E-03	2.91E-05	1.37E-02	1.69E-02
4716	474363.09	3860877.25	0.22231	0.31636	0.2514	3.41E-03	2.30E-05	6.74E-03	0.010177	3.49E-03	2.27E-05	7.50E-03	0.011008	3.31E-03	2.88E-05	1.44E-02	1.77E-02
4717	474863.09	3860877.25	0.23716	0.33688	0.26421	3.64E-03	2.45E-05	7.09E-03	0.01075	3.72E-03	2.41E-05	7.88E-03	0.011625	3.53E-03	3.06E-05	1.51E-02	1.87E-02
4718	475363.09	3860877.25	0.23342	0.35751	0.25885	3.58E-03	2.60E-05	6.94E-03	0.01055	3.66E-03	2.56E-05	7.72E-03	0.011408	3.48E-03	3.25E-05	1.48E-02	1.83E-02
4719	475863.09	3860877.25	0.21178	0.33291	0.23829	3.25E-03	2.42E-05	6.39E-03	0.009665	3.32E-03	2.39E-05	7.11E-03	0.010453	3.15E-03	3.03E-05	1.37E-02	1.68E-02
4720	476363.09	3860877.25	0.18094	0.30252	0.20475	2.78E-03	2.20E-05	5.49E-03	0.00829	2.84E-03	2.17E-05	6.11E-03	0.008967	2.70E-03	2.75E-05	1.17E-02	1.45E-02
4721	476863.09	3860877.25	0.17872	0.25974	0.18444	2.74E-03	1.89E-05	4.95E-03	0.007708	2.80E-03	1.86E-05	5.50E-03	0.008323	2.66E-03	2.36E-05	1.06E-02	1.33E-02
4722	477363.09	3860877.25	0.1827	0.2607	0.20464	2.80E-03	1.90E-05	5.49E-03	0.008311	2.86E-03	1.87E-05	6.10E-03	0.008988	2.72E-03	2.37E-05	1.17E-02	1.45E-02
4723	477863.09	3860877.25	0.15855	0.20268	0.17687	2.43E-03	1.48E-05	4.74E-03	0.007191	2.49E-03	1.45E-05	5.28E-03	0.007777	2.36E-03	1.84E-05	1.01E-02	1.25E-02
4724	478363.09	3860877.25	0.09196	0.1171	0.09746	1.41E-03	8.52E-06	2.61E-03	0.004034	1.44E-03	8.39E-06	2.91E-03	0.004358	1.37E-03	1.07E-05	5.58E-03	6.96E-03
4725	478863.09	3860877.25	0.20567	0.31876	0.22741	3.16E-03	2.32E-05	6.10E-03	0.009278	3.22E-03	2.28E-05	6.78E-03	0.010032	3.06E-03	2.90E-05	1.30E-02	1.61E-02
4726	479363.09	3860877.25	0.31708	0.51539	0.32559	4.87E-03	3.75E-05	8.73E-03	0.013636	4.97E-03	3.69E-05	9.71E-03	0.014722	4.72E-03	4.69E-05	1.87E-02	2.34E-02
4727	479863.09	3860877.25	0.36799	0.50202	0.37956	5.65E-03	3.65E-05	1.02E-02	0.015863	5.77E-03	3.60E-05	1.13E-02	0.017129	5.48E-03	4.57E-05	2.17E-02	2.73E-02
4728	480363.09	3860877.25	0.39538	0.57375	0.41193	6.07E-03	4.18E-05	1.10E-02	0.017157	6.20E-03	4.11E-05	1.23E-02	0.018529	5.89E-03	5.22E-05	2.36E-02	2.95E-02
4729	480863.09	3860877.25	0.40611	0.5578	0.43605	6.23E-03	4.06E-05	1.17E-02	0.017968	6.37E-03	4.00E-05	1.30E-02	0.019416	6.05E-03	5.07E-05	2.50E-02	3.11E-02
4730	481363.09	3860877.25	0.4339	0.53298	0.48452	6.66E-03	3.88E-05	1.30E-02	0.019692	6.80E-03	3.82E-05	1.45E-02	0.021296	6.46E-03	4.85E-05	2.78E-02	3.43E-02
4731	481863.09	3860877.25	0.44532	0.57538	0.47344	6.83E-03	4.19E-05	1.27E-02	0.019573	6.98E-03	4.12E-05	1.41E-02	0.021147	6.63E-03	5.23E-05	2.71E-02	3.38E-02
4732	482363.09	3860877.25	0.43519	0.57505	0.48087	6.68E-03	4.19E-05	1.29E-02	0.019617	6.82E-03	4.12E-05	1.43E-02	0.02121	6.48E-03	5.23E-05	2.75E-02	3.41E-02
4733	482863.09	3860877.25	0.435	0.60446	0.48535	6.68E-03	4.40E-05	1.30E-02	0.019736	6.82E-03	4.33E-05	1.45E-02	0.021343	6.48E-03	5.50E-05	2.78E-02	3.43E-02
4734	483363.09	3860877.25	0.42611	0.45836	0.48951	6.54E-03	3.34E-05	1.31E-02	0.019701	6.68E-03	3.28E-05	1.46E-02	0.021317	6.35E-03	4.17E-05	2.80E-02	3.44E-02
4735	483863.09	3860877.25	0.4206	0.56255	0.46765	6.45E-03	4.09E-05	1.25E-02	0.019038	6.59E-03	4.03E-05	1.40E-02	0.020586	6.27E-03	5.12E-05	2.68E-02	3.31E-02
4736	484363.09	3860877.25	0.40703	0.53525	0.43272	6.25E-03	3.90E-05	1.16E-02	0.017891	6.38E-03	3.84E-05	1.29E-02	0.019329	6.06E-03	4.87E-05	2.48E-02	3.09E-02
4737	484863.09	3860877.25	0.40386	0.63475	0.43577	6.20E-03	4.62E-05	1.17E-02	0.017931	6.33E-03	4.55E-05	1.30E-02	0.019378	6.02E-03	5.77E-05	2.50E-02	3.10E-02
4738	485363.09	3860877.25	0.40177	0.62086	0.45619	6.17E-03	4.52E-05	1.22E-02	0.018446	6.30E-03	4.45E-05	1.36E-02	0.019953	5.99E-03	5.65E-05	2.61E-02	3.22E-02
4739	485863.09	3860877.25	0.42357	0.60398	0.49777	6.50E-03	4.40E-05	1.34E-02	0.019894	6.64E-03	4.33E-05	1.48E-02	0.021534	6.31E-03	5.49E-05	2.85E-02	3.49E-02
4740	486363.09	3860877.25	0.44751	0.55587	0.50579	6.87E-03	4.05E-05	1.36E-02	0.020473	7.02E-03	3.98E-05	1.51E-02	0.022145	6.67E-03	5.06E-05	2.90E-02	3.57E-02
4741	486863.09	3860877.25	0.44789	0.54686	0.52352	6.87E-03	3.98E-05	1.40E-02	0.020954	7.02E-03	3.92E-05	1.56E-02	0.02268	6.67E-03	4.97E-05	3.00E-02	3.67E-02
4742	487363.09	3860877.25	0.5	0.62144	0.58305	7.67E-03	4.52E-05	1.56E-02	0.023356	7.84E-03	4.45E-05	1.74E-02	0.025278	7.45E-03	5.65E-05	3.34E-02	4.09E-02
4743	487863.09	3860877.25	0.52871	0.56463	0.6197	8.11E-03	4.11E-05	1.66E-02	0.024775	8.29E-03	4.05E-05	1.85E-02	0.026817	7.88E-03	5.14E-05	3.55E-02	4.34E-02

4744	488363.09	3860877.25	0.58899	0.57422	0.68894	9.04E-03	4.18E-05	1.85E-02	0.027558	9.23E-03	4.11E-05	2.06E-02	0.029829	8.77E-03	5.22E-05	3.95E-02	4.83E-02
4745	488863.09	3860877.25	0.57278	0.59888	0.67658	8.79E-03	4.36E-05	1.81E-02	0.026979	8.98E-03	4.29E-05	2.02E-02	0.029208	8.53E-03	5.45E-05	3.88E-02	4.73E-02
4746	489363.09	3860877.25	0.60489	0.5853	0.74286	9.28E-03	4.26E-05	1.99E-02	0.029249	9.48E-03	4.19E-05	2.22E-02	0.031687	9.01E-03	5.32E-05	4.26E-02	5.16E-02
4747	489863.09	3860877.25	0.65611	0.64088	0.7792	1.01E-02	4.67E-05	2.09E-02	0.031013	1.03E-02	4.59E-05	2.32E-02	0.033578	9.77E-03	5.83E-05	4.46E-02	5.45E-02
4748	490363.09	3860877.25	0.71659	0.71333	0.83704	1.10E-02	5.19E-05	2.24E-02	0.033498	1.12E-02	5.11E-05	2.50E-02	0.036257	1.07E-02	6.49E-05	4.79E-02	5.87E-02
4749	490863.09	3860877.25	0.60033	0.6461	0.75954	9.21E-03	4.70E-05	2.04E-02	0.02963	9.41E-03	4.63E-05	2.27E-02	0.032118	8.94E-03	5.88E-05	4.35E-02	5.25E-02
4750	491363.09	3860877.25	0.51665	0.53155	0.60358	7.93E-03	3.87E-05	1.62E-02	0.024155	8.10E-03	3.81E-05	1.80E-02	0.026145	7.70E-03	4.84E-05	3.46E-02	4.23E-02
4751	491863.09	3860877.25	0.49043	0.52569	0.60363	7.53E-03	3.83E-05	1.62E-02	0.023754	7.69E-03	3.77E-05	1.80E-02	0.025735	7.31E-03	4.78E-05	3.46E-02	4.19E-02
4752	492363.09	3860877.25	0.46515	0.44046	0.52648	7.14E-03	3.21E-05	1.41E-02	0.02129	7.29E-03	3.16E-05	1.57E-02	0.023031	6.93E-03	4.01E-05	3.02E-02	3.71E-02
4753	492863.09	3860877.25	0.52217	0.44255	0.5468	8.01E-03	3.22E-05	1.47E-02	0.02271	8.19E-03	3.17E-05	1.63E-02	0.024531	7.78E-03	4.03E-05	3.13E-02	3.91E-02
4754	493363.09	3860877.25	0.48881	0.45971	0.5824	7.50E-03	3.35E-05	1.56E-02	0.023155	7.66E-03	3.29E-05	1.74E-02	0.025071	7.28E-03	4.18E-05	3.34E-02	4.07E-02
4755	493863.09	3860877.25	0.47223	0.47568	0.6099	7.25E-03	3.46E-05	1.64E-02	0.023639	7.40E-03	3.41E-05	1.82E-02	0.025633	7.03E-03	4.33E-05	3.49E-02	4.20E-02
4756	494363.09	3860877.25	0.45371	0.46446	0.55637	6.96E-03	3.38E-05	1.49E-02	0.021918	7.11E-03	3.33E-05	1.66E-02	0.023745	6.76E-03	4.22E-05	3.19E-02	3.87E-02
4757	494863.09	3860877.25	0.40513	0.45678	0.50232	6.22E-03	3.32E-05	1.35E-02	0.019723	6.35E-03	3.27E-05	1.50E-02	0.02137	6.04E-03	4.15E-05	2.88E-02	3.49E-02
4758	495363.09	3860877.25	0.37203	0.44942	0.4569	5.71E-03	3.27E-05	1.23E-02	0.017996	5.83E-03	3.22E-05	1.36E-02	0.019496	5.54E-03	4.09E-05	2.62E-02	3.18E-02
4759	495863.09	3860877.25	0.34432	0.39197	0.41016	5.28E-03	2.85E-05	1.10E-02	0.016313	5.40E-03	2.81E-05	1.22E-02	0.017663	5.13E-03	3.57E-05	2.35E-02	2.87E-02
4760	496363.09	3860877.25	0.31153	0.36458	0.38093	4.78E-03	2.65E-05	1.02E-02	0.015024	4.88E-03	2.61E-05	1.14E-02	0.016275	4.64E-03	3.32E-05	2.18E-02	2.65E-02
4761	496863.09	3860877.25	0.30755	0.36718	0.34967	4.72E-03	2.67E-05	9.38E-03	0.014124	4.82E-03	2.63E-05	1.04E-02	0.01528	4.58E-03	3.34E-05	2.00E-02	2.46E-02
4762	497363.09	3860877.25	0.28551	0.32669	0.32548	4.38E-03	2.38E-05	8.73E-03	0.013135	4.48E-03	2.34E-05	9.71E-03	0.01421	4.25E-03	2.97E-05	1.86E-02	2.29E-02
4763	497863.09	3860877.25	0.278	0.33366	0.31409	4.27E-03	2.43E-05	8.42E-03	0.012714	4.36E-03	2.39E-05	9.37E-03	0.013753	4.14E-03	3.04E-05	1.80E-02	2.22E-02
4764	498363.09	3860877.25	0.27619	0.31213	0.31219	4.24E-03	2.27E-05	8.37E-03	0.012634	4.33E-03	2.24E-05	9.31E-03	0.013666	4.11E-03	2.84E-05	1.79E-02	2.20E-02
4765	471363.09	3861377.25	0.15556	0.2719	0.17759	2.39E-03	1.98E-05	4.76E-03	0.00717	2.44E-03	1.95E-05	5.30E-03	0.007756	2.32E-03	2.47E-05	1.02E-02	1.25E-02
4766	471863.09	3861377.25	0.16158	0.2851	0.1843	2.48E-03	2.08E-05	4.94E-03	0.007443	2.53E-03	2.04E-05	5.50E-03	0.008052	2.41E-03	2.59E-05	1.06E-02	1.30E-02
4767	472363.09	3861377.25	0.1692	0.27358	0.19956	2.60E-03	1.99E-05	5.35E-03	0.007969	2.65E-03	1.96E-05	5.95E-03	0.008626	2.52E-03	2.49E-05	1.14E-02	1.40E-02
4768	472863.09	3861377.25	0.18124	0.27673	0.20547	2.78E-03	2.01E-05	5.51E-03	0.008312	2.84E-03	1.98E-05	6.13E-03	0.008991	2.70E-03	2.52E-05	1.18E-02	1.45E-02
4769	473363.09	3861377.25	0.1923	0.28842	0.21904	2.95E-03	2.10E-05	5.87E-03	0.008847	3.02E-03	2.07E-05	6.53E-03	0.00957	2.86E-03	2.62E-05	1.25E-02	1.54E-02
4770	473863.09	3861377.25	0.20577	0.3146	0.23021	3.16E-03	2.29E-05	6.17E-03	0.009355	3.23E-03	2.25E-05	6.87E-03	0.010117	3.07E-03	2.86E-05	1.32E-02	1.63E-02
4771	474363.09	3861377.25	0.21733	0.3095	0.24238	3.33E-03	2.25E-05	6.50E-03	0.009858	3.41E-03	2.22E-05	7.23E-03	0.01066	3.24E-03	2.82E-05	1.39E-02	1.72E-02
4772	474863.09	3861377.25	0.22917	0.34296	0.2497	3.52E-03	2.50E-05	6.70E-03	0.010239	3.59E-03	2.46E-05	7.45E-03	0.011067	3.41E-03	3.12E-05	1.43E-02	1.77E-02
4773	475363.09	3861377.25	0.23726	0.37034	0.25884	3.64E-03	2.70E-05	6.94E-03	0.01061	3.72E-03	2.65E-05	7.72E-03	0.011468	3.53E-03	3.37E-05	1.48E-02	1.84E-02
4774	475863.09	3861377.25	0.2439	0.37162	0.25837	3.74E-03	2.71E-05	6.93E-03	0.010699	3.82E-03	2.66E-05	7.71E-03	0.011559	3.63E-03	3.38E-05	1.48E-02	1.85E-02
4775	476363.09	3861377.25	0.25503	0.35492	0.26321	3.91E-03	2.58E-05	7.06E-03	0.010999	4.00E-03	2.54E-05	7.85E-03	0.011876	3.80E-03	3.23E-05	1.51E-02	1.89E-02
4776	476863.09	3861377.25	0.23736	0.3475	0.25074	3.64E-03	2.53E-05	6.72E-03	0.010393	3.72E-03	2.49E-05	7.48E-03	0.011227	3.54E-03	3.16E-05	1.44E-02	1.79E-02
4777	477363.09	3861377.25	0.25396	0.35447	0.25471	3.90E-03	2.58E-05	6.83E-03	0.010754	3.98E-03	2.54E-05	7.60E-03	0.011606	3.78E-03	3.22E-05	1.46E-02	1.84E-02
4778	477863.09	3861377.25	0.21275	0.26032	0.22178	3.26E-03	1.89E-05	5.95E-03	0.009232	3.34E-03	1.87E-05	6.62E-03	0.009971	3.17E-03	2.37E-05	1.27E-02	1.59E-02
4779	478363.09	3861377.25	0.12223	0.13095	0.12332	1.88E-03	9.53E-06	3.31E-03	0.005193	1.92E-03	9.38E-06	3.68E-03	0.005605	1.82E-03	1.19E-05	7.06E-03	8.90E-03
4780	478863.09	3861377.25	0.14184	0.21404	0.15427	2.18E-03	1.56E-05	4.14E-03	0.00633	2.22E-03	1.53E-05	4.60E-03	0.006841	2.11E-03	1.95E-05	8.84E-03	1.10E-02
4781	479363.09	3861377.25	0.28163	0.4132	0.29617	4.32E-03	3.01E-05	7.94E-03	0.012295	4.42E-03	2.96E-05	8.84E-03	0.013281	4.20E-03	3.76E-05	1.70E-02	2.12E-02
4782	479863.09	3861377.25	0.33952	0.47657	0.37299	5.21E-03	3.47E-05	1.00E-02	0.015248	5.32E-03	3.41E-05	1.11E-02	0.016485	5.06E-03	4.33E-05	2.14E-02	2.65E-02
4783	480363.09	3861377.25	0.36759	0.48127	0.40709	5.64E-03	3.50E-05	1.09E-02	0.016594	5.76E-03	3.45E-05	1.21E-02	0.017942	5.48E-03	4.38E-05	2.33E-02	2.88E-02
4784	480863.09	3861377.25	0.38445	0.5373	0.41826	5.90E-03	3.91E-05	1.12E-02	0.017156	6.03E-03	3.85E-05	1.25E-02	0.018544	5.73E-03	4.89E-05	2.40E-02	2.97E-02
4785	481363.09	3861377.25	0.3897	0.48382	0.44088	5.98E-03	3.52E-05	1.18E-02	0.01784	6.11E-03	3.47E-05	1.32E-02	0.019297	5.81E-03	4.40E-05	2.53E-02	3.11E-02
4786	481863.09	3861377.25	0.3944	0.51442	0.44238	6.05E-03	3.74E-05	1.19E-02	0.017954	6.18E-03	3.69E-05	1.32E-02	0.019418	5.88E-03	4.68E-05	2.53E-02	3.13E-02
4787	482363.09	3861377.25	0.38862	0.5212	0.42954	5.96E-03	3.79E-05	1.15E-02	0.017522	6.09E-03	3.73E-05	1.28E-02	0.018945	5.79E-03	4.74E-05	2.46E-02	3.04E-02
4788	482863.09	3861377.25	0.37496	0.48023	0.42808	5.75E-03	3.50E-05	1.15E-02	0.01727	5.88E-03	3.44E-05	1.28E-02	0.018684	5.59E-03	4.37E-05	2.45E-02	3.02E-02
4789	483363.09	3861377.25	0.36807	0.45739	0.42071	5.65E-03	3.33E-05	1.13E-02	0.016965	5.77E-03	3.28E-05	1.26E-02	0.018355	5.48E-03	4.16E-05	2.41E-02	2.96E-02
4790	483863.09	3861377.25	0.35648	0.49399	0.39392	5.47E-03	3.60E-05	1.06E-02	0.016071	5.59E-03	3.54E-05	1.18E-02	0.017376	5.31E-03	4.49E-05	2.26E-02	2.79E-02

4791	484363.09	3861377.25	0.34538	0.45804	0.38213	5.30E-03	3.33E-05	1.02E-02	0.015582	5.42E-03	3.28E-05	1.14E-02	0.016848	5.15E-03	4.17E-05	2.19E-02	2.71E-02
4792	484863.09	3861377.25	0.3343	0.61505	0.38218	5.13E-03	4.48E-05	1.03E-02	0.015425	5.24E-03	4.41E-05	1.14E-02	0.016687	4.98E-03	5.59E-05	2.19E-02	2.69E-02
4793	485363.09	3861377.25	0.33568	0.50059	0.40178	5.15E-03	3.64E-05	1.08E-02	0.015963	5.26E-03	3.59E-05	1.20E-02	0.017285	5.00E-03	4.55E-05	2.30E-02	2.81E-02
4794	485863.09	3861377.25	0.35961	0.58309	0.39774	5.52E-03	4.24E-05	1.07E-02	0.016228	5.64E-03	4.18E-05	1.19E-02	0.017546	5.36E-03	5.30E-05	2.28E-02	2.82E-02
4795	486363.09	3861377.25	0.36708	0.50931	0.44001	5.63E-03	3.71E-05	1.18E-02	0.017471	5.76E-03	3.65E-05	1.31E-02	0.018919	5.47E-03	4.63E-05	2.52E-02	3.07E-02
4796	486863.09	3861377.25	0.37944	0.47855	0.43719	5.82E-03	3.48E-05	1.17E-02	0.017583	5.95E-03	3.43E-05	1.30E-02	0.019026	5.65E-03	4.35E-05	2.50E-02	3.07E-02
4797	487363.09	3861377.25	0.40819	0.52595	0.51808	6.26E-03	3.83E-05	1.39E-02	0.020197	6.40E-03	3.77E-05	1.55E-02	0.021893	6.08E-03	4.78E-05	2.97E-02	3.58E-02
4798	487863.09	3861377.25	0.43285	0.53103	0.51578	6.64E-03	3.87E-05	1.38E-02	0.020514	6.79E-03	3.80E-05	1.54E-02	0.022212	6.45E-03	4.83E-05	2.95E-02	3.60E-02
4799	488363.09	3861377.25	0.43758	0.44371	0.54804	6.71E-03	3.23E-05	1.47E-02	0.021446	6.86E-03	3.18E-05	1.63E-02	0.023242	6.52E-03	4.04E-05	3.14E-02	3.80E-02
4800	488863.09	3861377.25	0.48127	0.47647	0.58892	7.39E-03	3.47E-05	1.58E-02	0.023215	7.55E-03	3.41E-05	1.76E-02	0.025149	7.17E-03	4.33E-05	3.37E-02	4.09E-02
4801	489363.09	3861377.25	0.50284	0.52119	0.57885	7.72E-03	3.79E-05	1.55E-02	0.023279	7.88E-03	3.73E-05	1.73E-02	0.02519	7.49E-03	4.74E-05	3.32E-02	4.07E-02
4802	489863.09	3861377.25	0.50269	0.52313	0.6111	7.71E-03	3.81E-05	1.64E-02	0.024142	7.88E-03	3.75E-05	1.82E-02	0.02615	7.49E-03	4.76E-05	3.50E-02	4.25E-02
4803	490363.09	3861377.25	0.55007	0.55942	0.63673	8.44E-03	4.07E-05	1.71E-02	0.025559	8.62E-03	4.01E-05	1.90E-02	0.02766	8.19E-03	5.09E-05	3.65E-02	4.47E-02
4804	490863.09	3861377.25	0.58746	0.60872	0.69016	9.01E-03	4.43E-05	1.85E-02	0.027569	9.21E-03	4.36E-05	2.06E-02	0.029844	8.75E-03	5.54E-05	3.95E-02	4.83E-02
4805	491363.09	3861377.25	0.4942	0.50736	0.63148	7.58E-03	3.69E-05	1.69E-02	0.024557	7.75E-03	3.64E-05	1.88E-02	0.026623	7.36E-03	4.62E-05	3.62E-02	4.36E-02
4806	491863.09	3861377.25	0.41154	0.48262	0.51573	6.32E-03	3.51E-05	1.38E-02	0.020182	6.45E-03	3.46E-05	1.54E-02	0.021873	6.13E-03	4.39E-05	2.95E-02	3.57E-02
4807	492363.09	3861377.25	0.43346	0.45112	0.51482	6.65E-03	3.28E-05	1.38E-02	0.020492	6.80E-03	3.23E-05	1.54E-02	0.022187	6.46E-03	4.10E-05	2.95E-02	3.60E-02
4808	492863.09	3861377.25	0.37056	0.42834	0.44263	5.69E-03	3.12E-05	1.19E-02	0.017589	5.81E-03	3.07E-05	1.32E-02	0.019045	5.52E-03	3.90E-05	2.54E-02	3.09E-02
4809	493363.09	3861377.25	0.39447	0.35975	0.43847	6.05E-03	2.62E-05	1.18E-02	0.017839	6.18E-03	2.58E-05	1.31E-02	0.019291	5.88E-03	3.27E-05	2.51E-02	3.10E-02
4810	493863.09	3861377.25	0.42499	0.37023	0.46996	6.52E-03	2.69E-05	1.26E-02	0.019153	6.66E-03	2.65E-05	1.40E-02	0.02071	6.33E-03	3.37E-05	2.69E-02	3.33E-02
4811	494363.09	3861377.25	0.40478	0.39113	0.48521	6.21E-03	2.85E-05	1.30E-02	0.019253	6.35E-03	2.80E-05	1.45E-02	0.02085	6.03E-03	3.56E-05	2.78E-02	3.39E-02
4812	494863.09	3861377.25	0.38158	0.40465	0.50021	5.86E-03	2.95E-05	1.34E-02	0.019301	5.98E-03	2.90E-05	1.49E-02	0.020934	5.68E-03	3.68E-05	2.87E-02	3.44E-02
4813	495363.09	3861377.25	0.35142	0.4108	0.47788	5.39E-03	2.99E-05	1.28E-02	0.018239	5.51E-03	2.94E-05	1.43E-02	0.019796	5.24E-03	3.74E-05	2.74E-02	3.26E-02
4814	495863.09	3861377.25	0.34605	0.39354	0.41836	5.31E-03	2.86E-05	1.12E-02	0.016559	5.43E-03	2.82E-05	1.25E-02	0.017935	5.16E-03	3.58E-05	2.40E-02	2.92E-02
4815	496363.09	3861377.25	0.31594	0.3837	0.38303	4.85E-03	2.79E-05	1.03E-02	0.015149	4.95E-03	2.75E-05	1.14E-02	0.016408	4.71E-03	3.49E-05	2.19E-02	2.67E-02
4816	496863.09	3861377.25	0.30166	0.35847	0.37202	4.63E-03	2.61E-05	9.98E-03	0.014633	4.73E-03	2.57E-05	1.11E-02	0.015854	4.49E-03	3.26E-05	2.13E-02	2.58E-02
4817	497363.09	3861377.25	0.27415	0.32358	0.34683	4.21E-03	2.36E-05	9.30E-03	0.013533	4.30E-03	2.32E-05	1.03E-02	0.014668	4.08E-03	2.94E-05	1.99E-02	2.40E-02
4818	497863.09	3861377.25	0.26314	0.29913	0.32003	4.04E-03	2.18E-05	8.58E-03	0.012643	4.13E-03	2.14E-05	9.55E-03	0.013694	3.92E-03	2.72E-05	1.83E-02	2.23E-02
4819	498363.09	3861377.25	0.22859	0.29902	0.28324	3.51E-03	2.18E-05	7.60E-03	0.011126	3.58E-03	2.14E-05	8.45E-03	0.012055	3.41E-03	2.72E-05	1.62E-02	1.97E-02
4820	471363.09	3861877.25	0.14709	0.24571	0.18341	2.26E-03	1.79E-05	4.92E-03	0.007194	2.31E-03	1.76E-05	5.47E-03	0.007795	2.19E-03	2.24E-05	1.05E-02	1.27E-02
4821	471863.09	3861877.25	0.16399	0.2481	0.18914	2.52E-03	1.81E-05	5.07E-03	0.007607	2.57E-03	1.78E-05	5.64E-03	0.008231	2.44E-03	2.26E-05	1.08E-02	1.33E-02
4822	472363.09	3861877.25	0.17132	0.25887	0.20169	2.63E-03	1.88E-05	5.41E-03	0.008057	2.69E-03	1.85E-05	6.02E-03	0.008722	2.55E-03	2.35E-05	1.16E-02	1.41E-02
4823	472863.09	3861877.25	0.18588	0.28524	0.21197	2.85E-03	2.08E-05	5.69E-03	0.008558	2.91E-03	2.04E-05	6.32E-03	0.009258	2.77E-03	2.59E-05	1.21E-02	1.49E-02
4824	473363.09	3861877.25	0.19764	0.31726	0.21721	3.03E-03	2.31E-05	5.83E-03	0.008882	3.10E-03	2.27E-05	6.48E-03	0.009601	2.94E-03	2.89E-05	1.24E-02	1.54E-02
4825	473863.09	3861877.25	0.20168	0.29271	0.21867	3.09E-03	2.13E-05	5.86E-03	0.008981	3.16E-03	2.10E-05	6.52E-03	0.009707	3.00E-03	2.66E-05	1.25E-02	1.56E-02
4826	474363.09	3861877.25	0.20887	0.30317	0.22747	3.21E-03	2.21E-05	6.10E-03	0.009328	3.27E-03	2.17E-05	6.79E-03	0.010083	3.11E-03	2.76E-05	1.30E-02	1.62E-02
4827	474863.09	3861877.25	0.21907	0.34053	0.23735	3.36E-03	2.48E-05	6.37E-03	0.009752	3.43E-03	2.44E-05	7.08E-03	0.01054	3.26E-03	3.10E-05	1.36E-02	1.69E-02
4828	475363.09	3861877.25	0.22967	0.32249	0.24641	3.52E-03	2.35E-05	6.61E-03	0.010157	3.60E-03	2.31E-05	7.35E-03	0.010975	3.42E-03	2.93E-05	1.41E-02	1.76E-02
4829	475863.09	3861877.25	0.23865	0.33704	0.25542	3.66E-03	2.45E-05	6.85E-03	0.010537	3.74E-03	2.41E-05	7.62E-03	0.011386	3.56E-03	3.07E-05	1.46E-02	1.82E-02
4830	476363.09	3861877.25	0.23058	0.33763	0.26056	3.54E-03	2.46E-05	6.99E-03	0.010551	3.62E-03	2.42E-05	7.77E-03	0.011413	3.43E-03	3.07E-05	1.49E-02	1.84E-02
4831	476863.09	3861877.25	0.25524	0.34756	0.27445	3.92E-03	2.53E-05	7.36E-03	0.011303	4.00E-03	2.49E-05	8.19E-03	0.012214	3.80E-03	3.16E-05	1.57E-02	1.96E-02
4832	477363.09	3861877.25	0.26272	0.35837	0.27725	4.03E-03	2.61E-05	7.44E-03	0.011494	4.12E-03	2.57E-05	8.27E-03	0.012416	3.91E-03	3.26E-05	1.59E-02	1.98E-02
4833	477863.09	3861877.25	0.21411	0.32564	0.22473	3.29E-03	2.37E-05	6.03E-03	0.009337	3.36E-03	2.33E-05	6.70E-03	0.010085	3.19E-03	2.96E-05	1.29E-02	1.61E-02
4834	478363.09	3861877.25	0.10181	0.1149	0.10973	1.56E-03	8.36E-06	2.94E-03	0.004514	1.60E-03	8.23E-06	3.27E-03	0.004878	1.52E-03	1.05E-05	6.29E-03	7.81E-03
4835	478863.09	3861877.25	0.17116	0.23185	0.17626	2.63E-03	1.69E-05	4.73E-03	0.007371	2.68E-03	1.66E-05	5.26E-03	0.007958	2.55E-03	2.11E-05	1.01E-02	1.27E-02
4836	479363.09	3861877.25	0.1422	0.19694	0.16532	2.18E-03	1.43E-05	4.43E-03	0.00663	2.23E-03	1.41E-05	4.93E-03	0.007176	2.12E-03	1.79E-05	9.47E-03	1.16E-02
4837	479863.09	3861877.25	0.32961	0.45678	0.35622	5.06E-03	3.32E-05	9.55E-03	0.014645	5.17E-03	3.27E-05	1.06E-02	0.015828	4.91E-03	4.15E-05	2.04E-02	2.54E-02

4838	480363.09	3861877.25	0.33891	0.44154	0.36697	5.20E-03	3.21E-05	9.84E-03	0.015075	5.31E-03	3.16E-05	1.09E-02	0.016293	5.05E-03	4.02E-05	2.10E-02	2.61E-02
4839	480863.09	3861877.25	0.33411	0.47396	0.39274	5.13E-03	3.45E-05	1.05E-02	0.015695	5.24E-03	3.40E-05	1.17E-02	0.016989	4.98E-03	4.31E-05	2.25E-02	2.75E-02
4840	481363.09	3861877.25	0.36028	0.4346	0.40813	5.53E-03	3.16E-05	1.09E-02	0.016506	5.65E-03	3.11E-05	1.22E-02	0.017855	5.37E-03	3.95E-05	2.34E-02	2.88E-02
4841	481863.09	3861877.25	0.35121	0.44338	0.39215	5.39E-03	3.23E-05	1.05E-02	0.015939	5.51E-03	3.18E-05	1.17E-02	0.017237	5.23E-03	4.03E-05	2.25E-02	2.77E-02
4842	482363.09	3861877.25	0.33635	0.46062	0.38078	5.16E-03	3.35E-05	1.02E-02	0.015408	5.27E-03	3.30E-05	1.14E-02	0.016666	5.01E-03	4.19E-05	2.18E-02	2.69E-02
4843	482863.09	3861877.25	0.32744	0.40325	0.36933	5.02E-03	2.94E-05	9.91E-03	0.01496	5.13E-03	2.89E-05	1.10E-02	0.016181	4.88E-03	3.67E-05	2.12E-02	2.61E-02
4844	483363.09	3861877.25	0.30887	0.42749	0.3562	4.74E-03	3.11E-05	9.55E-03	0.014324	4.84E-03	3.06E-05	1.06E-02	0.0155	4.60E-03	3.89E-05	2.04E-02	2.50E-02
4845	483863.09	3861877.25	0.30409	0.44907	0.34398	4.67E-03	3.27E-05	9.23E-03	0.013925	4.77E-03	3.22E-05	1.03E-02	0.015062	4.53E-03	4.08E-05	1.97E-02	2.43E-02
4846	484363.09	3861877.25	0.29588	0.41618	0.34039	4.54E-03	3.03E-05	9.13E-03	0.0137	4.64E-03	2.98E-05	1.02E-02	0.014824	4.41E-03	3.79E-05	1.95E-02	2.39E-02
4847	484863.09	3861877.25	0.28951	0.50509	0.33169	4.44E-03	3.68E-05	8.90E-03	0.013375	4.54E-03	3.62E-05	9.90E-03	0.014471	4.31E-03	4.59E-05	1.90E-02	2.34E-02
4848	485363.09	3861877.25	0.29568	0.44625	0.35886	4.54E-03	3.25E-05	9.62E-03	0.014195	4.64E-03	3.20E-05	1.07E-02	0.015374	4.40E-03	4.06E-05	2.06E-02	2.50E-02
4849	485863.09	3861877.25	0.30743	0.52158	0.36348	4.72E-03	3.80E-05	9.75E-03	0.014504	4.82E-03	3.74E-05	1.08E-02	0.015701	4.58E-03	4.74E-05	2.08E-02	2.54E-02
4850	486363.09	3861877.25	0.31521	0.42663	0.36418	4.84E-03	3.11E-05	9.77E-03	0.014635	4.94E-03	3.06E-05	1.09E-02	0.015837	4.70E-03	3.88E-05	2.09E-02	2.56E-02
4851	486863.09	3861877.25	0.32372	0.46864	0.37752	4.97E-03	3.41E-05	1.01E-02	0.015127	5.08E-03	3.36E-05	1.13E-02	0.016372	4.82E-03	4.26E-05	2.16E-02	2.65E-02
4852	487363.09	3861877.25	0.37449	0.44926	0.42808	5.75E-03	3.27E-05	1.15E-02	0.017261	5.87E-03	3.22E-05	1.28E-02	0.018674	5.58E-03	4.09E-05	2.45E-02	3.01E-02
4853	487863.09	3861877.25	0.36178	0.46598	0.45551	5.55E-03	3.39E-05	1.22E-02	0.017802	5.67E-03	3.34E-05	1.36E-02	0.019295	5.39E-03	4.24E-05	2.61E-02	3.15E-02
4854	488363.09	3861877.25	0.37106	0.42243	0.48603	5.69E-03	3.07E-05	1.30E-02	0.01876	5.82E-03	3.03E-05	1.45E-02	0.020348	5.53E-03	3.84E-05	2.78E-02	3.34E-02
4855	488863.09	3861877.25	0.40113	0.41161	0.48856	6.16E-03	3.00E-05	1.31E-02	0.019289	6.29E-03	2.95E-05	1.46E-02	0.020894	5.98E-03	3.74E-05	2.80E-02	3.40E-02
4856	489363.09	3861877.25	0.39979	0.43434	0.52301	6.13E-03	3.16E-05	1.40E-02	0.020194	6.27E-03	3.11E-05	1.56E-02	0.021902	5.96E-03	3.95E-05	3.00E-02	3.60E-02
4857	489863.09	3861877.25	0.43801	0.419	0.51123	6.72E-03	3.05E-05	1.37E-02	0.020463	6.87E-03	3.00E-05	1.53E-02	0.022149	6.53E-03	3.81E-05	2.93E-02	3.58E-02
4858	490363.09	3861877.25	0.43178	0.46907	0.55693	6.63E-03	3.41E-05	1.49E-02	0.021597	6.77E-03	3.36E-05	1.66E-02	0.023418	6.43E-03	4.27E-05	3.19E-02	3.84E-02
4859	490863.09	3861877.25	0.44363	0.49106	0.55441	6.81E-03	3.57E-05	1.49E-02	0.021713	6.96E-03	3.52E-05	1.65E-02	0.02353	6.61E-03	4.47E-05	3.18E-02	3.84E-02
4860	491363.09	3861877.25	0.48166	0.51633	0.59506	7.39E-03	3.76E-05	1.60E-02	0.023389	7.55E-03	3.70E-05	1.78E-02	0.025341	7.18E-03	4.70E-05	3.41E-02	4.13E-02
4861	491863.09	3861877.25	0.41648	0.43804	0.50318	6.39E-03	3.19E-05	1.35E-02	0.019918	6.53E-03	3.14E-05	1.50E-02	0.021572	6.20E-03	3.98E-05	2.88E-02	3.51E-02
4862	492363.09	3861877.25	0.37627	0.43301	0.47446	5.77E-03	3.15E-05	1.27E-02	0.018531	5.90E-03	3.10E-05	1.42E-02	0.020085	5.61E-03	3.94E-05	2.72E-02	3.28E-02
4863	492863.09	3861877.25	0.35281	0.39255	0.4466	5.41E-03	2.86E-05	1.20E-02	0.017421	5.53E-03	2.81E-05	1.33E-02	0.018883	5.26E-03	3.57E-05	2.56E-02	3.09E-02
4864	493363.09	3861877.25	0.3378	0.37378	0.42488	5.18E-03	2.72E-05	1.14E-02	0.016606	5.30E-03	2.68E-05	1.27E-02	0.017998	5.03E-03	3.40E-05	2.43E-02	2.94E-02
4865	493863.09	3861877.25	0.30316	0.33447	0.36067	4.65E-03	2.43E-05	9.67E-03	0.01435	4.75E-03	2.40E-05	1.08E-02	0.015537	4.52E-03	3.04E-05	2.07E-02	2.52E-02
4866	494363.09	3861877.25	0.33255	0.32223	0.38038	5.10E-03	2.35E-05	1.02E-02	0.015328	5.21E-03	2.31E-05	1.13E-02	0.016585	4.95E-03	2.93E-05	2.18E-02	2.68E-02
4867	494863.09	3861877.25	0.35293	0.32798	0.40125	5.42E-03	2.39E-05	1.08E-02	0.016201	5.53E-03	2.35E-05	1.20E-02	0.017527	5.26E-03	2.98E-05	2.30E-02	2.83E-02
4868	495363.09	3861877.25	0.34786	0.34245	0.42205	5.34E-03	2.49E-05	1.13E-02	0.016682	5.45E-03	2.45E-05	1.26E-02	0.018069	5.18E-03	3.11E-05	2.42E-02	2.94E-02
4869	495863.09	3861877.25	0.32078	0.35304	0.42965	4.92E-03	2.57E-05	1.15E-02	0.016472	5.03E-03	2.53E-05	1.28E-02	0.017872	4.78E-03	3.21E-05	2.46E-02	2.94E-02
4870	496363.09	3861877.25	0.30624	0.35942	0.40562	4.70E-03	2.62E-05	1.09E-02	0.015604	4.80E-03	2.58E-05	1.21E-02	0.016928	4.56E-03	3.27E-05	2.32E-02	2.78E-02
4871	496863.09	3861877.25	0.32541	0.37552	0.39927	4.99E-03	2.73E-05	1.07E-02	0.015729	5.10E-03	2.69E-05	1.19E-02	0.01704	4.85E-03	3.42E-05	2.29E-02	2.78E-02
4872	497363.09	3861877.25	0.27548	0.34386	0.35344	4.23E-03	2.50E-05	9.48E-03	0.013732	4.32E-03	2.46E-05	1.05E-02	0.014888	4.10E-03	3.13E-05	2.02E-02	2.44E-02
4873	497863.09	3861877.25	0.26681	0.32164	0.33054	4.09E-03	2.34E-05	8.87E-03	0.012983	4.18E-03	2.30E-05	9.86E-03	0.014067	3.97E-03	2.93E-05	1.89E-02	2.29E-02
4874	498363.09	3861877.25	0.24101	0.284	0.29484	3.70E-03	2.07E-05	7.91E-03	0.011627	3.78E-03	2.03E-05	8.80E-03	0.012595	3.59E-03	2.58E-05	1.69E-02	2.05E-02
4875	471363.09	3862377.25	0.15344	0.22468	0.182	2.35E-03	1.64E-05	4.88E-03	0.007252	2.41E-03	1.61E-05	5.43E-03	0.007851	2.29E-03	2.04E-05	1.04E-02	1.27E-02
4876	471863.09	3862377.25	0.1673	0.25686	0.19473	2.57E-03	1.87E-05	5.22E-03	0.007809	2.62E-03	1.84E-05	5.81E-03	0.008451	2.49E-03	2.34E-05	1.12E-02	1.37E-02
4877	472363.09	3862377.25	0.17607	0.24734	0.20428	2.70E-03	1.80E-05	5.48E-03	0.008199	2.76E-03	1.77E-05	6.09E-03	0.008872	2.62E-03	2.25E-05	1.17E-02	1.43E-02
4878	472863.09	3862377.25	0.17929	0.2507	0.20768	2.75E-03	1.82E-05	5.57E-03	0.00834	2.81E-03	1.80E-05	6.20E-03	0.009025	2.67E-03	2.28E-05	1.19E-02	1.46E-02
4879	473363.09	3862377.25	0.18283	0.26465	0.21094	2.81E-03	1.93E-05	5.66E-03	0.008482	2.87E-03	1.90E-05	6.29E-03	0.009178	2.72E-03	2.41E-05	1.21E-02	1.48E-02
4880	473863.09	3862377.25	0.19165	0.28434	0.21395	2.94E-03	2.07E-05	5.74E-03	0.0087	3.00E-03	2.04E-05	6.38E-03	0.009408	2.86E-03	2.59E-05	1.23E-02	1.51E-02
4881	474363.09	3862377.25	0.20297	0.28742	0.22458	3.11E-03	2.09E-05	6.02E-03	0.009159	3.18E-03	2.06E-05	6.70E-03	0.009903	3.02E-03	2.61E-05	1.29E-02	1.59E-02
4882	474863.09	3862377.25	0.20295	0.29016	0.23303	3.11E-03	2.11E-05	6.25E-03	0.009385	3.18E-03	2.08E-05	6.95E-03	0.010155	3.02E-03	2.64E-05	1.33E-02	1.64E-02
4883	475363.09	3862377.25	0.19858	0.29588	0.24064	3.05E-03	2.15E-05	6.45E-03	0.009523	3.11E-03	2.12E-05	7.18E-03	0.010314	2.96E-03	2.69E-05	1.38E-02	1.68E-02
4884	475863.09	3862377.25	0.21534	0.28085	0.24911	3.30E-03	2.04E-05	6.68E-03	0.010006	3.38E-03	2.01E-05	7.43E-03	0.010828	3.21E-03	2.55E-05	1.43E-02	1.75E-02

4885	476363.09	3862377.25	0.23473	0.30825	0.27078	3.60E-03	2.24E-05	7.26E-03	0.010887	3.68E-03	2.21E-05	8.08E-03	0.01178	3.50E-03	2.80E-05	1.55E-02	1.90E-02
4886	476863.09	3862377.25	0.25769	0.34287	0.28225	3.95E-03	2.50E-05	7.57E-03	0.011549	4.04E-03	2.46E-05	8.42E-03	0.012485	3.84E-03	3.12E-05	1.62E-02	2.00E-02
4887	477363.09	3862377.25	0.27215	0.42348	0.28491	4.18E-03	3.08E-05	7.64E-03	0.011848	4.27E-03	3.03E-05	8.50E-03	0.012797	4.05E-03	3.85E-05	1.63E-02	2.04E-02
4888	477863.09	3862377.25	0.23958	0.34483	0.25356	3.68E-03	2.51E-05	6.80E-03	0.010502	3.76E-03	2.47E-05	7.56E-03	0.011345	3.57E-03	3.14E-05	1.45E-02	1.81E-02
4889	478363.09	3862377.25	0.18982	0.28548	0.20013	2.91E-03	2.08E-05	5.37E-03	0.008301	2.98E-03	2.05E-05	5.97E-03	0.008967	2.83E-03	2.60E-05	1.15E-02	1.43E-02
4890	478863.09	3862377.25	0.20167	0.25756	0.20881	3.09E-03	1.87E-05	5.60E-03	0.008714	3.16E-03	1.85E-05	6.23E-03	0.00941	3.00E-03	2.34E-05	1.20E-02	1.50E-02
4891	479363.09	3862377.25	0.23157	0.30705	0.24975	3.55E-03	2.24E-05	6.70E-03	0.010274	3.63E-03	2.20E-05	7.45E-03	0.011103	3.45E-03	2.79E-05	1.43E-02	1.78E-02
4892	479863.09	3862377.25	0.30687	0.40876	0.31917	4.71E-03	2.98E-05	8.56E-03	0.013299	4.81E-03	2.93E-05	9.52E-03	0.014362	4.57E-03	3.72E-05	1.83E-02	2.29E-02
4893	480363.09	3862377.25	0.30546	0.43701	0.3282	4.69E-03	3.18E-05	8.80E-03	0.013522	4.79E-03	3.13E-05	9.79E-03	0.014612	4.55E-03	3.98E-05	1.88E-02	2.34E-02
4894	480863.09	3862377.25	0.30112	0.43635	0.36614	4.62E-03	3.18E-05	9.82E-03	0.014473	4.72E-03	3.13E-05	1.09E-02	0.015675	4.49E-03	3.97E-05	2.10E-02	2.55E-02
4895	481363.09	3862377.25	0.31763	0.395	0.3501	4.87E-03	2.88E-05	9.39E-03	0.014293	4.98E-03	2.83E-05	1.04E-02	0.015453	4.73E-03	3.59E-05	2.01E-02	2.48E-02
4896	481863.09	3862377.25	0.2999	0.41813	0.34118	4.60E-03	3.04E-05	9.15E-03	0.013783	4.70E-03	3.00E-05	1.02E-02	0.01491	4.47E-03	3.80E-05	1.95E-02	2.41E-02
4897	482363.09	3862377.25	0.29249	0.44107	0.33901	4.49E-03	3.21E-05	9.09E-03	0.013613	4.59E-03	3.16E-05	1.01E-02	0.014731	4.36E-03	4.01E-05	1.94E-02	2.38E-02
4898	482863.09	3862377.25	0.27445	0.37687	0.32658	4.21E-03	2.74E-05	8.76E-03	0.012998	4.30E-03	2.70E-05	9.74E-03	0.014073	4.09E-03	3.43E-05	1.87E-02	2.28E-02
4899	483363.09	3862377.25	0.27979	0.39221	0.31502	4.29E-03	2.85E-05	8.45E-03	0.012771	4.39E-03	2.81E-05	9.40E-03	0.013813	4.17E-03	3.57E-05	1.80E-02	2.22E-02
4900	483863.09	3862377.25	0.27791	0.41685	0.31333	4.26E-03	3.03E-05	8.40E-03	0.012699	4.36E-03	2.99E-05	9.35E-03	0.013735	4.14E-03	3.79E-05	1.79E-02	2.21E-02
4901	484363.09	3862377.25	0.2606	0.40312	0.29272	4.00E-03	2.93E-05	7.85E-03	0.011879	4.09E-03	2.89E-05	8.73E-03	0.012847	3.88E-03	3.67E-05	1.68E-02	2.07E-02
4902	484863.09	3862377.25	0.25114	0.43966	0.29226	3.85E-03	3.20E-05	7.84E-03	0.011724	3.94E-03	3.15E-05	8.72E-03	0.012688	3.74E-03	4.00E-05	1.67E-02	2.05E-02
4903	485363.09	3862377.25	0.26212	0.40425	0.30157	4.02E-03	2.94E-05	8.09E-03	0.01214	4.11E-03	2.90E-05	9.00E-03	0.013135	3.90E-03	3.68E-05	1.73E-02	2.12E-02
4904	485863.09	3862377.25	0.27028	0.45684	0.30479	4.15E-03	3.33E-05	8.17E-03	0.012355	4.24E-03	3.27E-05	9.09E-03	0.013363	4.03E-03	4.16E-05	1.75E-02	2.15E-02
4905	486363.09	3862377.25	0.27056	0.3882	0.31074	4.15E-03	2.83E-05	8.33E-03	0.012514	4.24E-03	2.78E-05	9.27E-03	0.01354	4.03E-03	3.53E-05	1.78E-02	2.19E-02
4906	486863.09	3862377.25	0.27885	0.38561	0.32471	4.28E-03	2.81E-05	8.71E-03	0.013016	4.37E-03	2.76E-05	9.69E-03	0.014087	4.15E-03	3.51E-05	1.86E-02	2.28E-02
4907	487363.09	3862377.25	0.30978	0.41886	0.37789	4.75E-03	3.05E-05	1.01E-02	0.014919	4.86E-03	3.00E-05	1.13E-02	0.01616	4.61E-03	3.81E-05	2.16E-02	2.63E-02
4908	487863.09	3862377.25	0.3211	0.40098	0.41573	4.93E-03	2.92E-05	1.12E-02	0.016107	5.03E-03	2.87E-05	1.24E-02	0.017465	4.78E-03	3.65E-05	2.38E-02	2.86E-02
4909	488363.09	3862377.25	0.32287	0.41539	0.42899	4.95E-03	3.02E-05	1.15E-02	0.01649	5.06E-03	2.98E-05	1.28E-02	0.01789	4.81E-03	3.78E-05	2.46E-02	2.94E-02
4910	488863.09	3862377.25	0.32824	0.35823	0.4399	5.04E-03	2.61E-05	1.18E-02	0.016861	5.15E-03	2.57E-05	1.31E-02	0.018295	4.89E-03	3.26E-05	2.52E-02	3.01E-02
4911	489363.09	3862377.25	0.39349	0.40399	0.46486	6.04E-03	2.94E-05	1.25E-02	0.018535	6.17E-03	2.89E-05	1.39E-02	0.020066	5.86E-03	3.67E-05	2.66E-02	3.25E-02
4912	489863.09	3862377.25	0.36631	0.41615	0.47529	5.62E-03	3.03E-05	1.27E-02	0.018399	5.74E-03	2.98E-05	1.42E-02	0.019952	5.46E-03	3.79E-05	2.72E-02	3.27E-02
4913	490363.09	3862377.25	0.38502	0.3895	0.46871	5.91E-03	2.84E-05	1.26E-02	0.018508	6.04E-03	2.79E-05	1.40E-02	0.020047	5.74E-03	3.54E-05	2.68E-02	3.26E-02
4914	490863.09	3862377.25	0.40166	0.41378	0.47131	6.16E-03	3.01E-05	1.26E-02	0.018834	6.30E-03	2.96E-05	1.41E-02	0.020388	5.98E-03	3.76E-05	2.70E-02	3.30E-02
4915	491363.09	3862377.25	0.39537	0.4462	0.50128	6.07E-03	3.25E-05	1.34E-02	0.019544	6.20E-03	3.20E-05	1.50E-02	0.021185	5.89E-03	4.06E-05	2.87E-02	3.46E-02
4916	491863.09	3862377.25	0.40795	0.44656	0.51687	6.26E-03	3.25E-05	1.39E-02	0.020155	6.40E-03	3.20E-05	1.54E-02	0.021848	6.08E-03	4.06E-05	2.96E-02	3.57E-02
4917	492363.09	3862377.25	0.37768	0.40142	0.43543	5.80E-03	2.92E-05	1.17E-02	0.017503	5.92E-03	2.88E-05	1.30E-02	0.01894	5.63E-03	3.65E-05	2.49E-02	3.06E-02
4918	492863.09	3862377.25	0.34025	0.39388	0.43256	5.22E-03	2.87E-05	1.16E-02	0.016851	5.33E-03	2.82E-05	1.29E-02	0.018267	5.07E-03	3.58E-05	2.48E-02	2.99E-02
4919	493363.09	3862377.25	0.29627	0.33719	0.39157	4.55E-03	2.45E-05	1.05E-02	0.015073	4.65E-03	2.42E-05	1.17E-02	0.016351	4.41E-03	3.07E-05	2.24E-02	2.69E-02
4920	493863.09	3862377.25	0.3117	0.34081	0.37527	4.78E-03	2.48E-05	1.01E-02	0.014873	4.89E-03	2.44E-05	1.12E-02	0.016107	4.64E-03	3.10E-05	2.15E-02	2.62E-02
4921	494363.09	3862377.25	0.25551	0.32545	0.33846	3.92E-03	2.37E-05	9.08E-03	0.013022	4.01E-03	2.33E-05	1.01E-02	0.014127	3.81E-03	2.96E-05	1.94E-02	2.32E-02
4922	494863.09	3862377.25	0.27475	0.28472	0.33034	4.22E-03	2.07E-05	8.86E-03	0.013097	4.31E-03	2.04E-05	9.85E-03	0.014183	4.09E-03	2.59E-05	1.89E-02	2.30E-02
4923	495363.09	3862377.25	0.28652	0.29463	0.33578	4.40E-03	2.14E-05	9.01E-03	0.013424	4.49E-03	2.11E-05	1.00E-02	0.014531	4.27E-03	2.68E-05	1.92E-02	2.35E-02
4924	495863.09	3862377.25	0.28881	0.29056	0.35693	4.43E-03	2.12E-05	9.57E-03	0.014026	4.53E-03	2.08E-05	1.06E-02	0.015197	4.30E-03	2.64E-05	2.04E-02	2.48E-02
4925	496363.09	3862377.25	0.28832	0.30718	0.35701	4.42E-03	2.24E-05	9.58E-03	0.014022	4.52E-03	2.20E-05	1.07E-02	0.015193	4.30E-03	2.79E-05	2.05E-02	2.48E-02
4926	496863.09	3862377.25	0.27872	0.31361	0.37788	4.28E-03	2.28E-05	1.01E-02	0.014435	4.37E-03	2.25E-05	1.13E-02	0.015666	4.15E-03	2.85E-05	2.16E-02	2.58E-02
4927	497363.09	3862377.25	0.26755	0.31406	0.35753	4.11E-03	2.29E-05	9.59E-03	0.013718	4.19E-03	2.25E-05	1.07E-02	0.014883	3.99E-03	2.86E-05	2.05E-02	2.45E-02
4928	497863.09	3862377.25	0.26198	0.30924	0.32759	4.02E-03	2.25E-05	8.79E-03	0.012829	4.11E-03	2.22E-05	9.77E-03	0.013903	3.90E-03	2.81E-05	1.88E-02	2.27E-02
4929	498363.09	3862377.25	0.2376	0.2974	0.3052	3.65E-03	2.16E-05	8.19E-03	0.011853	3.73E-03	2.13E-05	9.10E-03	0.012851	3.54E-03	2.71E-05	1.75E-02	2.10E-02
4930	471363.09	3862877.25	0.15538	0.23149	0.18367	2.38E-03	1.69E-05	4.93E-03	0.007327	2.44E-03	1.66E-05	5.48E-03	0.007932	2.31E-03	2.11E-05	1.05E-02	1.29E-02
4931	471863.09	3862877.25	0.16066	0.21644	0.1929	2.47E-03	1.58E-05	5.17E-03	0.007655	2.52E-03	1.55E-05	5.75E-03	0.008289	2.39E-03	1.97E-05	1.11E-02	1.35E-02

4932	472363.09	3862877.25	0.16325	0.23118	0.20011	2.51E-03	1.68E-05	5.37E-03	0.007889	2.56E-03	1.66E-05	5.97E-03	0.008546	2.43E-03	2.10E-05	1.15E-02	1.39E-02
4933	472863.09	3862877.25	0.17126	0.25454	0.20222	2.63E-03	1.85E-05	5.42E-03	0.00807	2.69E-03	1.82E-05	6.03E-03	0.008736	2.55E-03	2.32E-05	1.16E-02	1.42E-02
4934	473363.09	3862877.25	0.17683	0.26954	0.20428	2.71E-03	1.96E-05	5.48E-03	0.008212	2.77E-03	1.93E-05	6.09E-03	0.008886	2.63E-03	2.45E-05	1.17E-02	1.44E-02
4935	473863.09	3862877.25	0.17533	0.26617	0.21469	2.69E-03	1.94E-05	5.76E-03	0.008468	2.75E-03	1.91E-05	6.40E-03	0.009173	2.61E-03	2.42E-05	1.23E-02	1.49E-02
4936	474363.09	3862877.25	0.17709	0.25187	0.21757	2.72E-03	1.83E-05	5.84E-03	0.008571	2.78E-03	1.80E-05	6.49E-03	0.009285	2.64E-03	2.29E-05	1.25E-02	1.51E-02
4937	474863.09	3862877.25	0.19043	0.25831	0.21941	2.92E-03	1.88E-05	5.88E-03	0.008826	2.99E-03	1.85E-05	6.55E-03	0.00955	2.84E-03	2.35E-05	1.26E-02	1.54E-02
4938	475363.09	3862877.25	0.2036	0.27422	0.23227	3.12E-03	2.00E-05	6.23E-03	0.009374	3.19E-03	1.96E-05	6.93E-03	0.010141	3.03E-03	2.49E-05	1.33E-02	1.64E-02
4939	475863.09	3862877.25	0.21601	0.25581	0.24753	3.31E-03	1.86E-05	6.64E-03	0.009972	3.39E-03	1.83E-05	7.38E-03	0.01079	3.22E-03	2.33E-05	1.42E-02	1.74E-02
4940	476363.09	3862877.25	0.22844	0.28817	0.26828	3.51E-03	2.10E-05	7.20E-03	0.010722	3.58E-03	2.06E-05	8.00E-03	0.011606	3.40E-03	2.62E-05	1.54E-02	1.88E-02
4941	476863.09	3862877.25	0.24808	0.37843	0.273	3.81E-03	2.75E-05	7.32E-03	0.011156	3.89E-03	2.71E-05	8.14E-03	0.012061	3.70E-03	3.44E-05	1.56E-02	1.94E-02
4942	477363.09	3862877.25	0.25367	0.37699	0.27733	3.89E-03	2.74E-05	7.44E-03	0.011358	3.98E-03	2.70E-05	8.27E-03	0.012278	3.78E-03	3.43E-05	1.59E-02	1.97E-02
4943	477863.09	3862877.25	0.25765	0.3668	0.27995	3.95E-03	2.67E-05	7.51E-03	0.011489	4.04E-03	2.63E-05	8.35E-03	0.012418	3.84E-03	3.34E-05	1.60E-02	1.99E-02
4944	478363.09	3862877.25	0.22749	0.31161	0.23315	3.49E-03	2.27E-05	6.25E-03	0.009767	3.57E-03	2.23E-05	6.96E-03	0.010545	3.39E-03	2.83E-05	1.34E-02	1.68E-02
4945	478863.09	3862877.25	0.22653	0.28117	0.23554	3.48E-03	2.05E-05	6.32E-03	0.009814	3.55E-03	2.01E-05	7.03E-03	0.010599	3.37E-03	2.56E-05	1.35E-02	1.69E-02
4946	479363.09	3862877.25	0.23041	0.32281	0.24197	3.54E-03	2.35E-05	6.49E-03	0.010049	3.61E-03	2.31E-05	7.22E-03	0.010854	3.43E-03	2.94E-05	1.39E-02	1.73E-02
4947	479863.09	3862877.25	0.28318	0.38523	0.30291	4.35E-03	2.80E-05	8.12E-03	0.012498	4.44E-03	2.76E-05	9.04E-03	0.013504	4.22E-03	3.50E-05	1.74E-02	2.16E-02
4948	480363.09	3862877.25	0.27038	0.4076	0.31123	4.15E-03	2.97E-05	8.35E-03	0.012526	4.24E-03	2.92E-05	9.28E-03	0.013553	4.03E-03	3.71E-05	1.78E-02	2.19E-02
4949	480863.09	3862877.25	0.27776	0.32045	0.31614	4.26E-03	2.33E-05	8.48E-03	0.012765	4.36E-03	2.30E-05	9.43E-03	0.013809	4.14E-03	2.91E-05	1.81E-02	2.23E-02
4950	481363.09	3862877.25	0.26643	0.36159	0.31662	4.09E-03	2.63E-05	8.49E-03	0.012607	4.18E-03	2.59E-05	9.45E-03	0.013649	3.97E-03	3.29E-05	1.81E-02	2.21E-02
4951	481863.09	3862877.25	0.26666	0.37326	0.31586	4.09E-03	2.72E-05	8.47E-03	0.012591	4.18E-03	2.67E-05	9.42E-03	0.013631	3.97E-03	3.40E-05	1.81E-02	2.21E-02
4952	482363.09	3862877.25	0.24764	0.38954	0.2997	3.80E-03	2.84E-05	8.04E-03	0.011867	3.88E-03	2.79E-05	8.94E-03	0.012851	3.69E-03	3.54E-05	1.72E-02	2.09E-02
4953	482863.09	3862877.25	0.25096	0.32649	0.28917	3.85E-03	2.38E-05	7.76E-03	0.01163	3.93E-03	2.34E-05	8.63E-03	0.012585	3.74E-03	2.97E-05	1.66E-02	2.03E-02
4954	483363.09	3862877.25	0.25991	0.35054	0.28665	3.99E-03	2.55E-05	7.69E-03	0.011702	4.08E-03	2.51E-05	8.55E-03	0.012652	3.87E-03	3.19E-05	1.64E-02	2.03E-02
4955	483863.09	3862877.25	0.2496	0.37784	0.27946	3.83E-03	2.75E-05	7.50E-03	0.011353	3.91E-03	2.71E-05	8.34E-03	0.012278	3.72E-03	3.44E-05	1.60E-02	1.98E-02
4956	484363.09	3862877.25	0.23233	0.35973	0.26684	3.57E-03	2.62E-05	7.16E-03	0.010748	3.64E-03	2.58E-05	7.96E-03	0.011629	3.46E-03	3.27E-05	1.53E-02	1.88E-02
4957	484863.09	3862877.25	0.22773	0.42211	0.26557	3.49E-03	3.07E-05	7.12E-03	0.010648	3.57E-03	3.02E-05	7.92E-03	0.011523	3.39E-03	3.84E-05	1.52E-02	1.86E-02
4958	485363.09	3862877.25	0.2359	0.34403	0.26318	3.62E-03	2.50E-05	7.06E-03	0.010704	3.70E-03	2.47E-05	7.85E-03	0.011575	3.51E-03	3.13E-05	1.51E-02	1.86E-02
4959	485863.09	3862877.25	0.23859	0.39202	0.27221	3.66E-03	2.85E-05	7.30E-03	0.010991	3.74E-03	2.81E-05	8.12E-03	0.01189	3.55E-03	3.57E-05	1.56E-02	1.92E-02
4960	486363.09	3862877.25	0.24732	0.36591	0.27546	3.80E-03	2.66E-05	7.39E-03	0.01121	3.88E-03	2.62E-05	8.22E-03	0.012122	3.68E-03	3.33E-05	1.58E-02	1.95E-02
4961	486863.09	3862877.25	0.24335	0.30258	0.30015	3.73E-03	2.20E-05	8.05E-03	0.011806	3.82E-03	2.17E-05	8.95E-03	0.012791	3.63E-03	2.75E-05	1.72E-02	2.08E-02
4962	487363.09	3862877.25	0.27504	0.35911	0.31919	4.22E-03	2.61E-05	8.56E-03	0.012808	4.31E-03	2.57E-05	9.52E-03	0.01386	4.10E-03	3.27E-05	1.83E-02	2.24E-02
4963	487863.09	3862877.25	0.29116	0.342	0.34701	4.47E-03	2.49E-05	9.31E-03	0.0138	4.57E-03	2.45E-05	1.04E-02	0.014942	4.34E-03	3.11E-05	1.99E-02	2.42E-02
4964	488363.09	3862877.25	0.28673	0.39864	0.37638	4.40E-03	2.90E-05	1.01E-02	0.014524	4.50E-03	2.86E-05	1.12E-02	0.015753	4.27E-03	3.63E-05	2.16E-02	2.59E-02
4965	488863.09	3862877.25	0.28721	0.34696	0.36625	4.41E-03	2.53E-05	9.82E-03	0.014256	4.50E-03	2.49E-05	1.09E-02	0.015454	4.28E-03	3.16E-05	2.10E-02	2.53E-02
4966	489363.09	3862877.25	0.28791	0.33971	0.39671	4.42E-03	2.47E-05	1.06E-02	0.015083	4.51E-03	2.43E-05	1.18E-02	0.016373	4.29E-03	3.09E-05	2.27E-02	2.70E-02
4967	489863.09	3862877.25	0.32321	0.37427	0.41366	4.96E-03	2.72E-05	1.11E-02	0.016082	5.07E-03	2.68E-05	1.23E-02	0.017435	4.81E-03	3.40E-05	2.37E-02	2.85E-02
4968	490363.09	3862877.25	0.32239	0.36587	0.41726	4.95E-03	2.66E-05	1.12E-02	0.016165	5.05E-03	2.62E-05	1.24E-02	0.017529	4.80E-03	3.33E-05	2.39E-02	2.87E-02
4969	490863.09	3862877.25	0.33752	0.33971	0.41761	5.18E-03	2.47E-05	1.12E-02	0.016405	5.29E-03	2.43E-05	1.25E-02	0.017775	5.03E-03	3.09E-05	2.39E-02	2.90E-02
4970	491363.09	3862877.25	0.34347	0.39188	0.43346	5.27E-03	2.85E-05	1.16E-02	0.016925	5.39E-03	2.81E-05	1.29E-02	0.018345	5.12E-03	3.56E-05	2.48E-02	3.00E-02
4971	491863.09	3862877.25	0.34689	0.40264	0.44984	5.32E-03	2.93E-05	1.21E-02	0.017417	5.44E-03	2.89E-05	1.34E-02	0.018888	5.17E-03	3.66E-05	2.58E-02	3.10E-02
4972	492363.09	3862877.25	0.35301	0.39137	0.45045	5.42E-03	2.85E-05	1.21E-02	0.017527	5.53E-03	2.80E-05	1.34E-02	0.019001	5.26E-03	3.56E-05	2.58E-02	3.11E-02
4973	492863.09	3862877.25	0.34209	0.37155	0.40172	5.25E-03	2.70E-05	1.08E-02	0.016051	5.36E-03	2.66E-05	1.20E-02	0.017375	5.10E-03	3.38E-05	2.30E-02	2.81E-02
4974	493363.09	3862877.25	0.30775	0.36836	0.39201	4.72E-03	2.68E-05	1.05E-02	0.015263	4.83E-03	2.64E-05	1.17E-02	0.016546	4.58E-03	3.35E-05	2.25E-02	2.71E-02
4975	493863.09	3862877.25	0.26179	0.32935	0.33921	4.02E-03	2.40E-05	9.10E-03	0.013139	4.10E-03	2.36E-05	1.01E-02	0.014248	3.90E-03	3.00E-05	1.94E-02	2.34E-02
4976	494363.09	3862877.25	0.27584	0.30862	0.34778	4.23E-03	2.25E-05	9.33E-03	0.013583	4.32E-03	2.21E-05	1.04E-02	0.014722	4.11E-03	2.81E-05	1.99E-02	2.41E-02
4977	494863.09	3862877.25	0.25359	0.29423	0.32754	3.89E-03	2.14E-05	8.78E-03	0.012698	3.98E-03	2.11E-05	9.77E-03	0.013768	3.78E-03	2.68E-05	1.88E-02	2.26E-02
4978	495363.09	3862877.25	0.23409	0.27451	0.28739	3.59E-03	2.00E-05	7.71E-03	0.01132	3.67E-03	1.97E-05	8.57E-03	0.012264	3.49E-03	2.50E-05	1.65E-02	2.00E-02

4979	495863.09	3862877.25	0.24219	0.2535	0.30259	3.72E-03	1.85E-05	8.12E-03	0.011851	3.80E-03	1.82E-05	9.03E-03	0.012842	3.61E-03	2.31E-05	1.73E-02	2.10E-02
4980	496363.09	3862877.25	0.24995	0.27259	0.29926	3.84E-03	1.98E-05	8.03E-03	0.011882	3.92E-03	1.95E-05	8.93E-03	0.012866	3.72E-03	2.48E-05	1.71E-02	2.09E-02
4981	496863.09	3862877.25	0.25543	0.26038	0.31909	3.92E-03	1.90E-05	8.56E-03	0.012497	4.00E-03	1.87E-05	9.52E-03	0.013543	3.81E-03	2.37E-05	1.83E-02	2.21E-02
4982	497363.09	3862877.25	0.25143	0.27596	0.31902	3.86E-03	2.01E-05	8.56E-03	0.012435	3.94E-03	1.98E-05	9.52E-03	0.013479	3.75E-03	2.51E-05	1.83E-02	2.20E-02
4983	497863.09	3862877.25	0.23877	0.27697	0.32774	3.66E-03	2.02E-05	8.79E-03	0.012474	3.74E-03	1.98E-05	9.78E-03	0.013541	3.56E-03	2.52E-05	1.88E-02	2.24E-02
4984	498363.09	3862877.25	0.23421	0.28609	0.32104	3.59E-03	2.08E-05	8.61E-03	0.012225	3.67E-03	2.05E-05	9.58E-03	0.01327	3.49E-03	2.60E-05	1.84E-02	2.19E-02
4985	471363.09	3863377.25	0.14514	0.20193	0.17881	2.23E-03	1.47E-05	4.80E-03	0.007038	2.28E-03	1.45E-05	5.33E-03	0.007624	2.16E-03	1.84E-05	1.02E-02	1.24E-02
4986	471863.09	3863377.25	0.15347	0.2313	0.18238	2.36E-03	1.68E-05	4.89E-03	0.007263	2.41E-03	1.66E-05	5.44E-03	0.007864	2.29E-03	2.10E-05	1.04E-02	1.28E-02
4987	472363.09	3863377.25	0.15699	0.24773	0.18906	2.41E-03	1.80E-05	5.07E-03	0.007498	2.46E-03	1.78E-05	5.64E-03	0.008119	2.34E-03	2.25E-05	1.08E-02	1.32E-02
4988	472863.09	3863377.25	0.15869	0.24133	0.19388	2.44E-03	1.76E-05	5.20E-03	0.007653	2.49E-03	1.73E-05	5.78E-03	0.008289	2.36E-03	2.20E-05	1.11E-02	1.35E-02
4989	473363.09	3863377.25	0.15808	0.23774	0.19588	2.43E-03	1.73E-05	5.25E-03	0.007697	2.48E-03	1.70E-05	5.84E-03	0.008339	2.35E-03	2.16E-05	1.12E-02	1.36E-02
4990	473863.09	3863377.25	0.16697	0.216	0.19765	2.56E-03	1.57E-05	5.30E-03	0.007879	2.62E-03	1.55E-05	5.90E-03	0.00853	2.49E-03	1.96E-05	1.13E-02	1.38E-02
4991	474363.09	3863377.25	0.17934	0.23217	0.20232	2.75E-03	1.69E-05	5.43E-03	0.008195	2.81E-03	1.66E-05	6.04E-03	0.008864	2.67E-03	2.11E-05	1.16E-02	1.43E-02
4992	474863.09	3863377.25	0.1902	0.22948	0.22207	2.92E-03	1.67E-05	5.96E-03	0.008891	2.98E-03	1.64E-05	6.62E-03	0.009623	2.83E-03	2.09E-05	1.27E-02	1.56E-02
4993	475363.09	3863377.25	0.19801	0.23795	0.22889	3.04E-03	1.73E-05	6.14E-03	0.009195	3.10E-03	1.70E-05	6.83E-03	0.00995	2.95E-03	2.16E-05	1.31E-02	1.61E-02
4994	475863.09	3863377.25	0.20417	0.2608	0.24456	3.13E-03	1.90E-05	6.56E-03	0.009711	3.20E-03	1.87E-05	7.30E-03	0.010516	3.04E-03	2.37E-05	1.40E-02	1.71E-02
4995	476363.09	3863377.25	0.21794	0.31733	0.25798	3.34E-03	2.31E-05	6.92E-03	0.010287	3.42E-03	2.27E-05	7.70E-03	0.011136	3.25E-03	2.89E-05	1.48E-02	1.81E-02
4996	476863.09	3863377.25	0.22533	0.30875	0.25733	3.46E-03	2.25E-05	6.90E-03	0.010382	3.53E-03	2.21E-05	7.68E-03	0.011232	3.36E-03	2.81E-05	1.47E-02	1.81E-02
4997	477363.09	3863377.25	0.22968	0.35093	0.2681	3.52E-03	2.55E-05	7.19E-03	0.010741	3.60E-03	2.51E-05	8.00E-03	0.011624	3.42E-03	3.19E-05	1.54E-02	1.88E-02
4998	477863.09	3863377.25	0.24152	0.31765	0.26749	3.71E-03	2.31E-05	7.17E-03	0.010904	3.79E-03	2.28E-05	7.98E-03	0.011789	3.60E-03	2.89E-05	1.53E-02	1.89E-02
4999	478363.09	3863377.25	0.23297	0.29951	0.2457	3.57E-03	2.18E-05	6.59E-03	0.010187	3.65E-03	2.15E-05	7.33E-03	0.011004	3.47E-03	2.72E-05	1.41E-02	1.76E-02
5000	478863.09	3863377.25	0.25678	0.34442	0.26968	3.94E-03	2.51E-05	7.23E-03	0.011198	4.03E-03	2.47E-05	8.05E-03	0.012096	3.83E-03	3.13E-05	1.54E-02	1.93E-02
5001	479363.09	3863377.25	0.25632	0.3977	0.27792	3.93E-03	2.89E-05	7.45E-03	0.011416	4.02E-03	2.85E-05	8.29E-03	0.012338	3.82E-03	3.62E-05	1.59E-02	1.98E-02
5002	479863.09	3863377.25	0.24395	0.38261	0.278	3.74E-03	2.79E-05	7.46E-03	0.011227	3.82E-03	2.74E-05	8.29E-03	0.012146	3.63E-03	3.48E-05	1.59E-02	1.96E-02
5003	480363.09	3863377.25	0.24315	0.34378	0.27551	3.73E-03	2.50E-05	7.39E-03	0.011146	3.81E-03	2.46E-05	8.22E-03	0.012056	3.62E-03	3.13E-05	1.58E-02	1.94E-02
5004	480863.09	3863377.25	0.24214	0.29335	0.28313	3.72E-03	2.14E-05	7.59E-03	0.011331	3.80E-03	2.10E-05	8.45E-03	0.012264	3.61E-03	2.67E-05	1.62E-02	1.99E-02
5005	481363.09	3863377.25	0.23696	0.32549	0.28658	3.64E-03	2.37E-05	7.69E-03	0.011346	3.72E-03	2.33E-05	8.55E-03	0.012288	3.53E-03	2.96E-05	1.64E-02	2.00E-02
5006	481863.09	3863377.25	0.22857	0.32969	0.27903	3.51E-03	2.40E-05	7.48E-03	0.011015	3.58E-03	2.36E-05	8.32E-03	0.011932	3.41E-03	3.00E-05	1.60E-02	1.94E-02
5007	482363.09	3863377.25	0.22499	0.35401	0.25764	3.45E-03	2.58E-05	6.91E-03	0.010388	3.53E-03	2.54E-05	7.69E-03	0.011239	3.35E-03	3.22E-05	1.48E-02	1.81E-02
5008	482863.09	3863377.25	0.23157	0.31497	0.265	3.55E-03	2.29E-05	7.11E-03	0.010684	3.63E-03	2.26E-05	7.91E-03	0.011559	3.45E-03	2.87E-05	1.52E-02	1.87E-02
5009	483363.09	3863377.25	0.23486	0.30853	0.26072	3.60E-03	2.25E-05	6.99E-03	0.010619	3.68E-03	2.21E-05	7.78E-03	0.011482	3.50E-03	2.81E-05	1.49E-02	1.85E-02
5010	483863.09	3863377.25	0.2198	0.31233	0.25074	3.37E-03	2.27E-05	6.72E-03	0.010121	3.45E-03	2.24E-05	7.48E-03	0.010949	3.27E-03	2.84E-05	1.44E-02	1.77E-02
5011	484363.09	3863377.25	0.21285	0.3111	0.24362	3.27E-03	2.26E-05	6.53E-03	0.009823	3.34E-03	2.23E-05	7.27E-03	0.010627	3.17E-03	2.83E-05	1.40E-02	1.72E-02
5012	484863.09	3863377.25	0.2085	0.38544	0.24308	3.20E-03	2.81E-05	6.52E-03	0.009747	3.27E-03	2.76E-05	7.25E-03	0.010548	3.11E-03	3.51E-05	1.39E-02	1.71E-02
5013	485363.09	3863377.25	0.21185	0.29639	0.24672	3.25E-03	2.16E-05	6.62E-03	0.00989	3.32E-03	2.12E-05	7.36E-03	0.010703	3.16E-03	2.70E-05	1.41E-02	1.73E-02
5014	485863.09	3863377.25	0.21889	0.31318	0.25	3.36E-03	2.28E-05	6.71E-03	0.010087	3.43E-03	2.24E-05	7.46E-03	0.010913	3.26E-03	2.85E-05	1.43E-02	1.76E-02
5015	486363.09	3863377.25	0.23032	0.3129	0.25878	3.53E-03	2.28E-05	6.94E-03	0.010498	3.61E-03	2.24E-05	7.72E-03	0.011354	3.43E-03	2.85E-05	1.48E-02	1.83E-02
5016	486863.09	3863377.25	0.22059	0.29401	0.26836	3.38E-03	2.14E-05	7.20E-03	0.010604	3.46E-03	2.11E-05	8.01E-03	0.011486	3.29E-03	2.67E-05	1.54E-02	1.87E-02
5017	487363.09	3863377.25	0.24097	0.30644	0.29177	3.70E-03	2.23E-05	7.83E-03	0.011545	3.78E-03	2.20E-05	8.70E-03	0.012504	3.59E-03	2.79E-05	1.67E-02	2.03E-02
5018	487863.09	3863377.25	0.25932	0.31689	0.3124	3.98E-03	2.31E-05	8.38E-03	0.012381	4.07E-03	2.27E-05	9.32E-03	0.013408	3.86E-03	2.88E-05	1.79E-02	2.18E-02
5019	488363.09	3863377.25	0.26314	0.29749	0.34897	4.04E-03	2.17E-05	9.36E-03	0.013419	4.13E-03	2.13E-05	1.04E-02	0.014558	3.92E-03	2.71E-05	2.00E-02	2.39E-02
5020	488863.09	3863377.25	0.26422	0.33277	0.34596	4.05E-03	2.42E-05	9.28E-03	0.013358	4.14E-03	2.38E-05	1.03E-02	0.014487	3.94E-03	3.03E-05	1.98E-02	2.38E-02
5021	489363.09	3863377.25	0.2491	0.30804	0.35524	3.82E-03	2.24E-05	9.53E-03	0.013373	3.91E-03	2.21E-05	1.06E-02	0.014525	3.71E-03	2.80E-05	2.03E-02	2.41E-02
5022	489863.09	3863377.25	0.29049	0.34553	0.37874	4.46E-03	2.52E-05	1.02E-02	0.014641	4.55E-03	2.48E-05	1.13E-02	0.015878	4.33E-03	3.14E-05	2.17E-02	2.61E-02
5023	490363.09	3863377.25	0.28566	0.35059	0.40094	4.38E-03	2.55E-05	1.08E-02	0.015162	4.48E-03	2.51E-05	1.20E-02	0.016465	4.26E-03	3.19E-05	2.30E-02	2.73E-02
5024	490863.09	3863377.25	0.29837	0.31675	0.35022	4.58E-03	2.31E-05	9.39E-03	0.013995	4.68E-03	2.27E-05	1.04E-02	0.015149	4.44E-03	2.88E-05	2.01E-02	2.45E-02
5025	491363.09	3863377.25	0.29787	0.30885	0.36574	4.57E-03	2.25E-05	9.81E-03	0.014403	4.67E-03	2.21E-05	1.09E-02	0.015603	4.44E-03	2.81E-05	2.10E-02	2.54E-02

5026	491863.09	3863377.25	0.29173	0.36555	0.39979	4.48E-03	2.66E-05	1.07E-02	0.015226	4.57E-03	2.62E-05	1.19E-02	0.016527	4.35E-03	3.33E-05	2.29E-02	2.73E-02
5027	492363.09	3863377.25	0.30525	0.37135	0.41338	4.68E-03	2.70E-05	1.11E-02	0.015798	4.79E-03	2.66E-05	1.23E-02	0.017145	4.55E-03	3.38E-05	2.37E-02	2.83E-02
5028	492863.09	3863377.25	0.31891	0.36212	0.40926	4.89E-03	2.64E-05	1.10E-02	0.015897	5.00E-03	2.59E-05	1.22E-02	0.017235	4.75E-03	3.29E-05	2.34E-02	2.82E-02
5029	493363.09	3863377.25	0.31472	0.36684	0.39229	4.83E-03	2.67E-05	1.05E-02	0.015378	4.93E-03	2.63E-05	1.17E-02	0.016664	4.69E-03	3.34E-05	2.25E-02	2.72E-02
5030	493863.09	3863377.25	0.2867	0.35002	0.38672	4.40E-03	2.55E-05	1.04E-02	0.014797	4.50E-03	2.51E-05	1.15E-02	0.016057	4.27E-03	3.18E-05	2.22E-02	2.65E-02
5031	494363.09	3863377.25	0.24824	0.3122	0.33673	3.81E-03	2.27E-05	9.03E-03	0.012863	3.89E-03	2.24E-05	1.00E-02	0.01396	3.70E-03	2.84E-05	1.93E-02	2.30E-02
5032	494863.09	3863377.25	0.23902	0.29633	0.31735	3.67E-03	2.16E-05	8.51E-03	0.012201	3.75E-03	2.12E-05	9.47E-03	0.013236	3.56E-03	2.70E-05	1.82E-02	2.18E-02
5033	495363.09	3863377.25	0.25057	0.27884	0.31221	3.85E-03	2.03E-05	8.37E-03	0.012239	3.93E-03	2.00E-05	9.31E-03	0.013263	3.73E-03	2.54E-05	1.79E-02	2.16E-02
5034	495863.09	3863377.25	0.20555	0.27668	0.29297	3.15E-03	2.01E-05	7.86E-03	0.011032	3.22E-03	1.98E-05	8.74E-03	0.011983	3.06E-03	2.52E-05	1.68E-02	1.99E-02
5035	496363.09	3863377.25	0.21685	0.23681	0.26501	3.33E-03	1.72E-05	7.11E-03	0.010453	3.40E-03	1.70E-05	7.91E-03	0.011323	3.23E-03	2.15E-05	1.52E-02	1.84E-02
5036	496863.09	3863377.25	0.21793	0.23462	0.27514	3.34E-03	1.71E-05	7.38E-03	0.010741	3.42E-03	1.68E-05	8.21E-03	0.011642	3.25E-03	2.13E-05	1.58E-02	1.90E-02
5037	497363.09	3863377.25	0.21721	0.24996	0.26503	3.33E-03	1.82E-05	7.11E-03	0.01046	3.41E-03	1.79E-05	7.91E-03	0.01133	3.24E-03	2.27E-05	1.52E-02	1.84E-02
5038	497863.09	3863377.25	0.22833	0.23413	0.27298	3.50E-03	1.70E-05	7.32E-03	0.010842	3.58E-03	1.68E-05	8.14E-03	0.01174	3.40E-03	2.13E-05	1.56E-02	1.91E-02
5039	498363.09	3863377.25	0.22477	0.2351	0.28878	3.45E-03	1.71E-05	7.75E-03	0.011211	3.52E-03	1.68E-05	8.61E-03	0.012156	3.35E-03	2.14E-05	1.65E-02	1.99E-02
5040	471363.09	3863877.25	0.14354	0.20383	0.17355	2.20E-03	1.48E-05	4.65E-03	0.006872	2.25E-03	1.46E-05	5.18E-03	0.007443	2.14E-03	1.85E-05	9.94E-03	1.21E-02
5041	471863.09	3863877.25	0.14561	0.24312	0.17756	2.23E-03	1.77E-05	4.76E-03	0.007014	2.28E-03	1.74E-05	5.30E-03	0.007597	2.17E-03	2.21E-05	1.02E-02	1.24E-02
5042	472363.09	3863877.25	0.14477	0.2104	0.17669	2.22E-03	1.53E-05	4.74E-03	0.006976	2.27E-03	1.51E-05	5.27E-03	0.007556	2.16E-03	1.91E-05	1.01E-02	1.23E-02
5043	472863.09	3863877.25	0.14958	0.2044	0.17856	2.30E-03	1.49E-05	4.79E-03	0.007099	2.35E-03	1.46E-05	5.33E-03	0.007687	2.23E-03	1.86E-05	1.02E-02	1.25E-02
5044	473363.09	3863877.25	0.15965	0.20172	0.18072	2.45E-03	1.47E-05	4.85E-03	0.007312	2.50E-03	1.45E-05	5.39E-03	0.007909	2.38E-03	1.83E-05	1.04E-02	1.27E-02
5045	473863.09	3863877.25	0.17101	0.2223	0.19509	2.62E-03	1.62E-05	5.23E-03	0.007873	2.68E-03	1.59E-05	5.82E-03	0.008517	2.55E-03	2.02E-05	1.12E-02	1.37E-02
5046	474363.09	3863877.25	0.18147	0.21013	0.20717	2.78E-03	1.53E-05	5.56E-03	0.008356	2.85E-03	1.51E-05	6.18E-03	0.009041	2.70E-03	1.91E-05	1.19E-02	1.46E-02
5047	474863.09	3863877.25	0.17941	0.21636	0.21359	2.75E-03	1.57E-05	5.73E-03	0.008497	2.81E-03	1.55E-05	6.37E-03	0.0092	2.67E-03	1.97E-05	1.22E-02	1.49E-02
5048	475363.09	3863877.25	0.18181	0.23729	0.22716	2.79E-03	1.73E-05	6.09E-03	0.0089	2.85E-03	1.70E-05	6.78E-03	0.009644	2.71E-03	2.16E-05	1.30E-02	1.57E-02
5049	475863.09	3863877.25	0.1923	0.281	0.2343	2.95E-03	2.05E-05	6.28E-03	0.009255	3.02E-03	2.01E-05	6.99E-03	0.010025	2.86E-03	2.56E-05	1.34E-02	1.63E-02
5050	476363.09	3863877.25	0.20396	0.28643	0.23893	3.13E-03	2.08E-05	6.41E-03	0.009559	3.20E-03	2.05E-05	7.13E-03	0.010346	3.04E-03	2.61E-05	1.37E-02	1.68E-02
5051	476863.09	3863877.25	0.20347	0.29443	0.24473	3.12E-03	2.14E-05	6.56E-03	0.009707	3.19E-03	2.11E-05	7.30E-03	0.010512	3.03E-03	2.68E-05	1.40E-02	1.71E-02
5052	477363.09	3863877.25	0.21246	0.29745	0.24061	3.26E-03	2.17E-05	6.45E-03	0.009735	3.33E-03	2.13E-05	7.18E-03	0.01053	3.17E-03	2.71E-05	1.38E-02	1.70E-02
5053	477863.09	3863877.25	0.21191	0.2615	0.24181	3.25E-03	1.90E-05	6.49E-03	0.009756	3.32E-03	1.87E-05	7.21E-03	0.010555	3.16E-03	2.38E-05	1.39E-02	1.70E-02
5054	478363.09	3863877.25	0.22713	0.30026	0.25857	3.49E-03	2.19E-05	6.93E-03	0.010442	3.56E-03	2.15E-05	7.71E-03	0.011296	3.38E-03	2.73E-05	1.48E-02	1.82E-02
5055	478863.09	3863877.25	0.22813	0.3295	0.26176	3.50E-03	2.40E-05	7.02E-03	0.010545	3.58E-03	2.36E-05	7.81E-03	0.011409	3.40E-03	3.00E-05	1.50E-02	1.84E-02
5056	479363.09	3863877.25	0.22277	0.36022	0.25773	3.42E-03	2.62E-05	6.91E-03	0.010357	3.49E-03	2.58E-05	7.69E-03	0.011207	3.32E-03	3.28E-05	1.48E-02	1.81E-02
5057	479863.09	3863877.25	0.22502	0.3157	0.25224	3.45E-03	2.30E-05	6.77E-03	0.010241	3.53E-03	2.26E-05	7.52E-03	0.011076	3.35E-03	2.87E-05	1.44E-02	1.78E-02
5058	480363.09	3863877.25	0.2206	0.26053	0.25016	3.39E-03	1.90E-05	6.71E-03	0.010114	3.46E-03	1.87E-05	7.46E-03	0.01094	3.29E-03	2.37E-05	1.43E-02	1.76E-02
5059	480863.09	3863877.25	0.21528	0.27411	0.2572	3.30E-03	2.00E-05	6.90E-03	0.010222	3.38E-03	1.96E-05	7.67E-03	0.011068	3.21E-03	2.49E-05	1.47E-02	1.80E-02
5060	481363.09	3863877.25	0.21362	0.28567	0.26168	3.28E-03	2.08E-05	7.02E-03	0.010317	3.35E-03	2.05E-05	7.81E-03	0.011176	3.18E-03	2.60E-05	1.50E-02	1.82E-02
5061	481863.09	3863877.25	0.20693	0.3216	0.24272	3.18E-03	2.34E-05	6.51E-03	0.009709	3.24E-03	2.30E-05	7.24E-03	0.010508	3.08E-03	2.93E-05	1.39E-02	1.70E-02
5062	482363.09	3863877.25	0.21335	0.29412	0.24888	3.27E-03	2.14E-05	6.68E-03	0.00997	3.35E-03	2.11E-05	7.42E-03	0.010791	3.18E-03	2.68E-05	1.43E-02	1.75E-02
5063	482863.09	3863877.25	0.2163	0.29644	0.24517	3.32E-03	2.16E-05	6.58E-03	0.009916	3.39E-03	2.12E-05	7.31E-03	0.010727	3.22E-03	2.70E-05	1.40E-02	1.73E-02
5064	483363.09	3863877.25	0.20904	0.29912	0.23412	3.21E-03	2.18E-05	6.28E-03	0.009509	3.28E-03	2.14E-05	6.98E-03	0.010283	3.11E-03	2.72E-05	1.34E-02	1.66E-02
5065	483863.09	3863877.25	0.19921	0.27873	0.22842	3.06E-03	2.03E-05	6.13E-03	0.009204	3.12E-03	2.00E-05	6.81E-03	0.009958	2.97E-03	2.54E-05	1.31E-02	1.61E-02
5066	484363.09	3863877.25	0.19029	0.29996	0.22305	2.92E-03	2.18E-05	5.98E-03	0.008924	2.98E-03	2.15E-05	6.65E-03	0.009659	2.83E-03	2.73E-05	1.28E-02	1.56E-02
5067	484863.09	3863877.25	0.18804	0.34963	0.21988	2.89E-03	2.55E-05	5.90E-03	0.008808	2.95E-03	2.51E-05	6.56E-03	0.009533	2.80E-03	3.18E-05	1.26E-02	1.54E-02
5068	485363.09	3863877.25	0.19194	0.30247	0.2274	2.95E-03	2.20E-05	6.10E-03	0.009066	3.01E-03	2.17E-05	6.78E-03	0.009815	2.86E-03	2.75E-05	1.30E-02	1.59E-02
5069	485863.09	3863877.25	0.20362	0.28633	0.23423	3.12E-03	2.08E-05	6.28E-03	0.009428	3.19E-03	2.05E-05	6.99E-03	0.010201	3.03E-03	2.60E-05	1.34E-02	1.65E-02
5070	486363.09	3863877.25	0.21555	0.29338	0.2452	3.31E-03	2.14E-05	6.58E-03	0.009905	3.38E-03	2.10E-05	7.31E-03	0.010716	3.21E-03	2.67E-05	1.40E-02	1.73E-02
5071	486863.09	3863877.25	0.20637	0.29997	0.23594	3.17E-03	2.18E-05	6.33E-03	0.009517	3.24E-03	2.15E-05	7.04E-03	0.010296	3.07E-03	2.73E-05	1.35E-02	1.66E-02
5072	487363.09	3863877.25	0.20886	0.25947	0.25222	3.20E-03	1.89E-05	6.76E-03	0.009989	3.27E-03	1.86E-05	7.52E-03	0.010818	3.11E-03	2.36E-05	1.44E-02	1.76E-02

5073	487863.09	3863877.25	0.23359	0.29501	0.28471	3.58E-03	2.15E-05	7.64E-03	0.011242	3.66E-03	2.11E-05	8.49E-03	0.012177	3.48E-03	2.68E-05	1.63E-02	1.98E-02
5074	488363.09	3863877.25	0.24334	0.28318	0.30186	3.73E-03	2.06E-05	8.10E-03	0.011851	3.82E-03	2.03E-05	9.01E-03	0.012841	3.63E-03	2.58E-05	1.73E-02	2.09E-02
5075	488863.09	3863877.25	0.23012	0.33901	0.32884	3.53E-03	2.47E-05	8.82E-03	0.012376	3.61E-03	2.43E-05	9.81E-03	0.013442	3.43E-03	3.08E-05	1.88E-02	2.23E-02
5076	489363.09	3863877.25	0.23502	0.28952	0.31247	3.61E-03	2.11E-05	8.38E-03	0.012008	3.68E-03	2.07E-05	9.32E-03	0.013027	3.50E-03	2.63E-05	1.79E-02	2.14E-02
5077	489863.09	3863877.25	0.23944	0.28429	0.33305	3.67E-03	2.07E-05	8.93E-03	0.012628	3.75E-03	2.04E-05	9.94E-03	0.01371	3.57E-03	2.59E-05	1.91E-02	2.27E-02
5078	490363.09	3863877.25	0.26924	0.33617	0.35363	4.13E-03	2.45E-05	9.48E-03	0.013641	4.22E-03	2.41E-05	1.05E-02	0.014795	4.01E-03	3.06E-05	2.03E-02	2.43E-02
5079	490863.09	3863877.25	0.25924	0.30127	0.37502	3.98E-03	2.19E-05	1.01E-02	0.014058	4.06E-03	2.16E-05	1.12E-02	0.015274	3.86E-03	2.74E-05	2.15E-02	2.54E-02
5080	491363.09	3863877.25	0.26904	0.2942	0.33786	4.13E-03	2.14E-05	9.06E-03	0.013211	4.22E-03	2.11E-05	1.01E-02	0.014319	4.01E-03	2.68E-05	1.94E-02	2.34E-02
5081	491863.09	3863877.25	0.26748	0.29689	0.3313	4.10E-03	2.16E-05	8.89E-03	0.013012	4.19E-03	2.13E-05	9.88E-03	0.014099	3.98E-03	2.70E-05	1.90E-02	2.30E-02
5082	492363.09	3863877.25	0.27863	0.35928	0.39258	4.28E-03	2.62E-05	1.05E-02	0.014831	4.37E-03	2.57E-05	1.17E-02	0.016106	4.15E-03	3.27E-05	2.25E-02	2.67E-02
5083	492863.09	3863877.25	0.32137	0.36523	0.40806	4.93E-03	2.66E-05	1.09E-02	0.015902	5.04E-03	2.62E-05	1.22E-02	0.017238	4.79E-03	3.32E-05	2.34E-02	2.82E-02
5084	493363.09	3863877.25	0.33825	0.41234	0.44305	5.19E-03	3.00E-05	1.19E-02	0.017103	5.30E-03	2.95E-05	1.32E-02	0.01855	5.04E-03	3.75E-05	2.54E-02	3.05E-02
5085	493863.09	3863877.25	0.32295	0.3641	0.36938	4.96E-03	2.65E-05	9.91E-03	0.014889	5.06E-03	2.61E-05	1.10E-02	0.016109	4.81E-03	3.31E-05	2.12E-02	2.60E-02
5086	494363.09	3863877.25	0.26289	0.30674	0.35341	4.03E-03	2.23E-05	9.48E-03	0.013535	4.12E-03	2.20E-05	1.05E-02	0.014687	3.92E-03	2.79E-05	2.02E-02	2.42E-02
5087	494863.09	3863877.25	0.24348	0.28825	0.31757	3.74E-03	2.10E-05	8.52E-03	0.012275	3.82E-03	2.07E-05	9.47E-03	0.013312	3.63E-03	2.62E-05	1.82E-02	2.18E-02
5088	495363.09	3863877.25	0.22343	0.26323	0.30312	3.43E-03	1.92E-05	8.13E-03	0.011578	3.50E-03	1.89E-05	9.04E-03	0.012565	3.33E-03	2.39E-05	1.74E-02	2.07E-02
5089	495863.09	3863877.25	0.22671	0.25683	0.28372	3.48E-03	1.87E-05	7.61E-03	0.011107	3.55E-03	1.84E-05	8.46E-03	0.012037	3.38E-03	2.34E-05	1.63E-02	1.97E-02
5090	496363.09	3863877.25	0.20489	0.24874	0.27507	3.14E-03	1.81E-05	7.38E-03	0.01054	3.21E-03	1.78E-05	8.21E-03	0.011436	3.05E-03	2.26E-05	1.58E-02	1.88E-02
5091	496863.09	3863877.25	0.1879	0.23219	0.24235	2.88E-03	1.69E-05	6.50E-03	0.0094	2.95E-03	1.66E-05	7.23E-03	0.010193	2.80E-03	2.11E-05	1.39E-02	1.67E-02
5092	497363.09	3863877.25	0.19407	0.21058	0.24735	2.98E-03	1.53E-05	6.63E-03	0.009627	3.04E-03	1.51E-05	7.38E-03	0.010437	2.89E-03	1.92E-05	1.42E-02	1.71E-02
5093	497863.09	3863877.25	0.20768	0.22048	0.25606	3.19E-03	1.60E-05	6.87E-03	0.010071	3.26E-03	1.58E-05	7.64E-03	0.010911	3.09E-03	2.01E-05	1.47E-02	1.78E-02
5094	498363.09	3863877.25	0.19231	0.22771	0.24231	2.95E-03	1.66E-05	6.50E-03	0.009466	3.02E-03	1.63E-05	7.23E-03	0.01026	2.86E-03	2.07E-05	1.39E-02	1.68E-02
5095	471363.09	3864377.25	0.13126	0.19981	0.16131	2.01E-03	1.45E-05	4.33E-03	0.006355	2.06E-03	1.43E-05	4.81E-03	0.006885	1.96E-03	1.82E-05	9.24E-03	1.12E-02
5096	471863.09	3864377.25	0.13433	0.18586	0.16251	2.06E-03	1.35E-05	4.36E-03	0.006433	2.11E-03	1.33E-05	4.85E-03	0.006968	2.00E-03	1.69E-05	9.31E-03	1.13E-02
5097	472363.09	3864377.25	0.14188	0.18787	0.16564	2.18E-03	1.37E-05	4.44E-03	0.006633	2.22E-03	1.35E-05	4.94E-03	0.007179	2.11E-03	1.71E-05	9.49E-03	1.16E-02
5098	472863.09	3864377.25	0.15456	0.19016	0.17604	2.37E-03	1.38E-05	4.72E-03	0.007107	2.42E-03	1.36E-05	5.25E-03	0.007689	2.30E-03	1.73E-05	1.01E-02	1.24E-02
5099	473363.09	3864377.25	0.16016	0.213	0.18811	2.46E-03	1.55E-05	5.05E-03	0.007518	2.51E-03	1.53E-05	5.61E-03	0.008138	2.39E-03	1.94E-05	1.08E-02	1.32E-02
5100	473863.09	3864377.25	0.16632	0.20698	0.1917	2.55E-03	1.51E-05	5.14E-03	0.007709	2.61E-03	1.48E-05	5.72E-03	0.008341	2.48E-03	1.88E-05	1.10E-02	1.35E-02
5101	474363.09	3864377.25	0.16451	0.19546	0.19887	2.52E-03	1.42E-05	5.33E-03	0.007872	2.58E-03	1.40E-05	5.93E-03	0.008526	2.45E-03	1.78E-05	1.14E-02	1.39E-02
5102	474863.09	3864377.25	0.1618	0.21939	0.20944	2.48E-03	1.60E-05	5.62E-03	0.008116	2.54E-03	1.57E-05	6.25E-03	0.008801	2.41E-03	2.00E-05	1.20E-02	1.44E-02
5103	475363.09	3864377.25	0.17063	0.24838	0.21536	2.62E-03	1.81E-05	5.78E-03	0.008412	2.68E-03	1.78E-05	6.42E-03	0.009118	2.54E-03	2.26E-05	1.23E-02	1.49E-02
5104	475863.09	3864377.25	0.1803	0.27423	0.21788	2.77E-03	2.00E-05	5.84E-03	0.00863	2.83E-03	1.96E-05	6.50E-03	0.009346	2.69E-03	2.49E-05	1.25E-02	1.52E-02
5105	476363.09	3864377.25	0.18578	0.26531	0.22009	2.85E-03	1.93E-05	5.90E-03	0.008773	2.91E-03	1.90E-05	6.57E-03	0.009498	2.77E-03	2.41E-05	1.26E-02	1.54E-02
5106	476863.09	3864377.25	0.19101	0.27329	0.22003	2.93E-03	1.99E-05	5.90E-03	0.008852	2.99E-03	1.96E-05	6.56E-03	0.009578	2.85E-03	2.49E-05	1.26E-02	1.55E-02
5107	477363.09	3864377.25	0.18805	0.22781	0.21998	2.89E-03	1.66E-05	5.90E-03	0.008802	2.95E-03	1.63E-05	6.56E-03	0.009527	2.80E-03	2.07E-05	1.26E-02	1.54E-02
5108	477863.09	3864377.25	0.18319	0.23565	0.23879	2.81E-03	1.72E-05	6.40E-03	0.009233	2.87E-03	1.69E-05	7.12E-03	0.010013	2.73E-03	2.14E-05	1.37E-02	1.64E-02
5109	478363.09	3864377.25	0.19369	0.29972	0.24302	2.97E-03	2.18E-05	6.52E-03	0.009512	3.04E-03	2.15E-05	7.25E-03	0.010308	2.89E-03	2.73E-05	1.39E-02	1.68E-02
5110	478863.09	3864377.25	0.20387	0.31708	0.23989	3.13E-03	2.31E-05	6.43E-03	0.009585	3.20E-03	2.27E-05	7.16E-03	0.010376	3.04E-03	2.88E-05	1.37E-02	1.68E-02
5111	479363.09	3864377.25	0.20876	0.30919	0.23571	3.20E-03	2.25E-05	6.32E-03	0.009548	3.27E-03	2.22E-05	7.03E-03	0.010327	3.11E-03	2.81E-05	1.35E-02	1.66E-02
5112	479863.09	3864377.25	0.20229	0.25643	0.22994	3.10E-03	1.87E-05	6.17E-03	0.00929	3.17E-03	1.84E-05	6.86E-03	0.01005	3.01E-03	2.33E-05	1.32E-02	1.62E-02
5113	480363.09	3864377.25	0.2004	0.24735	0.23693	3.08E-03	1.80E-05	6.35E-03	0.009448	3.14E-03	1.77E-05	7.07E-03	0.010228	2.99E-03	2.25E-05	1.36E-02	1.66E-02
5114	480863.09	3864377.25	0.20042	0.24147	0.24587	3.08E-03	1.76E-05	6.59E-03	0.009687	3.14E-03	1.73E-05	7.33E-03	0.010495	2.99E-03	2.20E-05	1.41E-02	1.71E-02
5115	481363.09	3864377.25	0.1914	0.25831	0.23003	2.94E-03	1.88E-05	6.17E-03	0.009125	3.00E-03	1.85E-05	6.86E-03	0.009882	2.85E-03	2.35E-05	1.32E-02	1.61E-02
5116	481863.09	3864377.25	0.1971	0.28108	0.23257	3.02E-03	2.05E-05	6.24E-03	0.009283	3.09E-03	2.01E-05	6.94E-03	0.010049	2.94E-03	2.56E-05	1.33E-02	1.63E-02
5117	482363.09	3864377.25	0.19461	0.26443	0.23139	2.99E-03	1.92E-05	6.21E-03	0.009212	3.05E-03	1.89E-05	6.90E-03	0.009973	2.90E-03	2.41E-05	1.33E-02	1.62E-02
5118	482863.09	3864377.25	0.19494	0.2718	0.21641	2.99E-03	1.98E-05	5.80E-03	0.008815	3.06E-03	1.95E-05	6.46E-03	0.009532	2.90E-03	2.47E-05	1.24E-02	1.53E-02
5119	483363.09	3864377.25	0.18666	0.28635	0.21393	2.86E-03	2.08E-05	5.74E-03	0.008623	2.93E-03	2.05E-05	6.38E-03	0.009329	2.78E-03	2.60E-05	1.23E-02	1.51E-02

5120	483863.09	3864377.25	0.18161	0.25838	0.21142	2.79E-03	1.88E-05	5.67E-03	0.008476	2.85E-03	1.85E-05	6.31E-03	0.009173	2.71E-03	2.35E-05	1.21E-02	1.48E-02
5121	484363.09	3864377.25	0.17292	0.26666	0.20182	2.65E-03	1.94E-05	5.41E-03	0.008086	2.71E-03	1.91E-05	6.02E-03	0.008751	2.58E-03	2.43E-05	1.16E-02	1.42E-02
5122	484863.09	3864377.25	0.17017	0.30878	0.19811	2.61E-03	2.25E-05	5.31E-03	0.007947	2.67E-03	2.21E-05	5.91E-03	0.0086	2.54E-03	2.81E-05	1.13E-02	1.39E-02
5123	485363.09	3864377.25	0.17477	0.27325	0.20676	2.68E-03	1.99E-05	5.55E-03	0.008247	2.74E-03	1.96E-05	6.17E-03	0.008928	2.60E-03	2.49E-05	1.18E-02	1.45E-02
5124	485863.09	3864377.25	0.18623	0.26599	0.21267	2.86E-03	1.94E-05	5.70E-03	0.008581	2.92E-03	1.91E-05	6.34E-03	0.009283	2.77E-03	2.42E-05	1.22E-02	1.50E-02
5125	486363.09	3864377.25	0.19359	0.25822	0.22709	2.97E-03	1.88E-05	6.09E-03	0.00908	3.04E-03	1.85E-05	6.77E-03	0.009828	2.88E-03	2.35E-05	1.30E-02	1.59E-02
5126	486863.09	3864377.25	0.19406	0.27444	0.21589	2.98E-03	2.00E-05	5.79E-03	0.008788	3.04E-03	1.97E-05	6.44E-03	0.009503	2.89E-03	2.50E-05	1.24E-02	1.53E-02
5127	487363.09	3864377.25	0.18839	0.22432	0.23155	2.89E-03	1.63E-05	6.21E-03	0.009117	2.95E-03	1.61E-05	6.91E-03	0.009878	2.81E-03	2.04E-05	1.33E-02	1.61E-02
5128	487863.09	3864377.25	0.19589	0.24997	0.25707	3.01E-03	1.82E-05	6.89E-03	0.009919	3.07E-03	1.79E-05	7.67E-03	0.010758	2.92E-03	2.27E-05	1.47E-02	1.77E-02
5129	488363.09	3864377.25	0.20765	0.26266	0.26896	3.19E-03	1.91E-05	7.21E-03	0.010419	3.26E-03	1.88E-05	8.02E-03	0.011298	3.09E-03	2.39E-05	1.54E-02	1.85E-02
5130	488863.09	3864377.25	0.2174	0.26171	0.29016	3.34E-03	1.91E-05	7.78E-03	0.011137	3.41E-03	1.88E-05	8.66E-03	0.012084	3.24E-03	2.38E-05	1.66E-02	1.99E-02
5131	489363.09	3864377.25	0.21684	0.27607	0.28189	3.33E-03	2.01E-05	7.56E-03	0.010908	3.40E-03	1.98E-05	8.41E-03	0.011829	3.23E-03	2.51E-05	1.61E-02	1.94E-02
5132	489863.09	3864377.25	0.2057	0.27377	0.2917	3.16E-03	1.99E-05	7.82E-03	0.011	3.23E-03	1.96E-05	8.70E-03	0.011947	3.06E-03	2.49E-05	1.67E-02	1.98E-02
5133	490363.09	3864377.25	0.23091	0.26652	0.30976	3.54E-03	1.94E-05	8.31E-03	0.011871	3.62E-03	1.91E-05	9.24E-03	0.01288	3.44E-03	2.42E-05	1.77E-02	2.12E-02
5134	490863.09	3864377.25	0.25103	0.31291	0.30863	3.85E-03	2.28E-05	8.28E-03	0.012152	3.94E-03	2.24E-05	9.21E-03	0.013166	3.74E-03	2.85E-05	1.77E-02	2.14E-02
5135	491363.09	3864377.25	0.25687	0.27564	0.34473	3.94E-03	2.01E-05	9.25E-03	0.013208	4.03E-03	1.98E-05	1.03E-02	0.014331	3.83E-03	2.51E-05	1.97E-02	2.36E-02
5136	491863.09	3864377.25	0.17586	0.19613	0.18749	2.70E-03	1.43E-05	5.03E-03	0.007741	2.76E-03	1.41E-05	5.59E-03	0.008365	2.62E-03	1.78E-05	1.07E-02	1.34E-02
5137	492363.09	3864377.25	0.30912	0.30519	0.34084	4.74E-03	2.22E-05	9.14E-03	0.013907	4.85E-03	2.19E-05	1.02E-02	0.015037	4.60E-03	2.78E-05	1.95E-02	2.42E-02
5138	492863.09	3864377.25	0.24749	0.23984	0.26995	3.80E-03	1.75E-05	7.24E-03	0.011055	3.88E-03	1.72E-05	8.05E-03	0.011951	3.69E-03	2.18E-05	1.55E-02	1.92E-02
5139	493363.09	3864377.25	0.3346	0.34428	0.37837	5.13E-03	2.51E-05	1.01E-02	0.015308	5.25E-03	2.47E-05	1.13E-02	0.016559	4.98E-03	3.13E-05	2.17E-02	2.67E-02
5140	493863.09	3864377.25	0.36939	0.40874	0.44373	5.67E-03	2.98E-05	1.19E-02	0.017599	5.79E-03	2.93E-05	1.32E-02	0.019058	5.50E-03	3.72E-05	2.54E-02	3.10E-02
5141	494363.09	3864377.25	0.31197	0.36195	0.39076	4.79E-03	2.63E-05	1.05E-02	0.015294	4.89E-03	2.59E-05	1.17E-02	0.016575	4.65E-03	3.29E-05	2.24E-02	2.71E-02
5142	494863.09	3864377.25	0.25065	0.28034	0.30525	3.85E-03	2.04E-05	8.19E-03	0.012054	3.93E-03	2.01E-05	9.11E-03	0.013056	3.73E-03	2.55E-05	1.75E-02	2.12E-02
5143	495363.09	3864377.25	0.2346	0.27064	0.28909	3.60E-03	1.97E-05	7.75E-03	0.011373	3.68E-03	1.94E-05	8.62E-03	0.012322	3.49E-03	2.46E-05	1.66E-02	2.01E-02
5144	495863.09	3864377.25	0.20355	0.25008	0.2639	3.12E-03	1.82E-05	7.08E-03	0.01022	3.19E-03	1.79E-05	7.87E-03	0.011082	3.03E-03	2.27E-05	1.51E-02	1.82E-02
5145	496363.09	3864377.25	0.18964	0.23525	0.25976	2.91E-03	1.71E-05	6.97E-03	0.009894	2.97E-03	1.69E-05	7.75E-03	0.010739	2.83E-03	2.14E-05	1.49E-02	1.77E-02
5146	496863.09	3864377.25	0.19923	0.22712	0.25185	3.06E-03	1.65E-05	6.75E-03	0.009828	3.12E-03	1.63E-05	7.51E-03	0.010653	2.97E-03	2.07E-05	1.44E-02	1.74E-02
5147	497363.09	3864377.25	0.16209	0.23075	0.23718	2.49E-03	1.68E-05	6.36E-03	0.008865	2.54E-03	1.65E-05	7.08E-03	0.009634	2.41E-03	2.10E-05	1.36E-02	1.60E-02
5148	497863.09	3864377.25	0.17066	0.20439	0.22036	2.62E-03	1.49E-05	5.91E-03	0.008544	2.68E-03	1.46E-05	6.57E-03	0.009264	2.54E-03	1.86E-05	1.26E-02	1.52E-02
5149	498363.09	3864377.25	0.17321	0.20416	0.22563	2.66E-03	1.49E-05	6.05E-03	0.008724	2.72E-03	1.46E-05	6.73E-03	0.009461	2.58E-03	1.86E-05	1.29E-02	1.55E-02
5150	471363.09	3864877.25	0.12914	0.17789	0.15258	1.98E-03	1.29E-05	4.09E-03	0.006087	2.02E-03	1.27E-05	4.55E-03	0.006589	1.92E-03	1.62E-05	8.74E-03	1.07E-02
5151	471863.09	3864877.25	0.13873	0.17267	0.1619	2.13E-03	1.26E-05	4.34E-03	0.006484	2.18E-03	1.24E-05	4.83E-03	0.007017	2.07E-03	1.57E-05	9.27E-03	1.14E-02
5152	472363.09	3864877.25	0.14487	0.18812	0.171	2.22E-03	1.37E-05	4.59E-03	0.006823	2.27E-03	1.35E-05	5.10E-03	0.007386	2.16E-03	1.71E-05	9.80E-03	1.20E-02
5153	472863.09	3864877.25	0.14597	0.20283	0.18049	2.24E-03	1.48E-05	4.84E-03	0.007096	2.29E-03	1.45E-05	5.38E-03	0.007688	2.17E-03	1.84E-05	1.03E-02	1.25E-02
5154	473363.09	3864877.25	0.14856	0.1926	0.17693	2.28E-03	1.40E-05	4.75E-03	0.007039	2.33E-03	1.38E-05	5.28E-03	0.007621	2.21E-03	1.75E-05	1.01E-02	1.24E-02
5155	473863.09	3864877.25	0.14935	0.18192	0.1881	2.29E-03	1.32E-05	5.04E-03	0.00735	2.34E-03	1.30E-05	5.61E-03	0.007966	2.22E-03	1.65E-05	1.08E-02	1.30E-02
5156	474363.09	3864877.25	0.14703	0.20038	0.19653	2.26E-03	1.46E-05	5.27E-03	0.007542	2.31E-03	1.44E-05	5.86E-03	0.008183	2.19E-03	1.82E-05	1.13E-02	1.35E-02
5157	474863.09	3864877.25	0.15048	0.23241	0.20248	2.31E-03	1.69E-05	5.43E-03	0.007757	2.36E-03	1.67E-05	6.04E-03	0.008416	2.24E-03	2.11E-05	1.16E-02	1.39E-02
5158	475363.09	3864877.25	0.15958	0.26106	0.20175	2.45E-03	1.90E-05	5.41E-03	0.007879	2.50E-03	1.87E-05	6.02E-03	0.008539	2.38E-03	2.37E-05	1.16E-02	1.40E-02
5159	475863.09	3864877.25	0.16769	0.24237	0.20653	2.57E-03	1.76E-05	5.54E-03	0.00813	2.63E-03	1.74E-05	6.16E-03	0.008808	2.50E-03	2.20E-05	1.18E-02	1.44E-02
5160	476363.09	3864877.25	0.17156	0.26734	0.20826	2.63E-03	1.95E-05	5.59E-03	0.008238	2.69E-03	1.92E-05	6.21E-03	0.008922	2.56E-03	2.43E-05	1.19E-02	1.45E-02
5161	476863.09	3864877.25	0.17108	0.22074	0.20596	2.63E-03	1.61E-05	5.52E-03	0.008165	2.68E-03	1.58E-05	6.14E-03	0.008842	2.55E-03	2.01E-05	1.18E-02	1.44E-02
5162	477363.09	3864877.25	0.16949	0.22309	0.21885	2.60E-03	1.62E-05	5.87E-03	0.008487	2.66E-03	1.60E-05	6.53E-03	0.009202	2.52E-03	2.03E-05	1.25E-02	1.51E-02
5163	477863.09	3864877.25	0.17806	0.25153	0.22707	2.73E-03	1.83E-05	6.09E-03	0.008841	2.79E-03	1.80E-05	6.77E-03	0.009584	2.65E-03	2.29E-05	1.30E-02	1.57E-02
5164	478363.09	3864877.25	0.17864	0.26851	0.22453	2.74E-03	1.95E-05	6.02E-03	0.008783	2.80E-03	1.92E-05	6.70E-03	0.009518	2.66E-03	2.44E-05	1.29E-02	1.55E-02
5165	478863.09	3864877.25	0.19397	0.25267	0.22186	2.98E-03	1.84E-05	5.95E-03	0.008945	3.04E-03	1.81E-05	6.62E-03	0.009678	2.89E-03	2.30E-05	1.27E-02	1.56E-02
5166	479363.09	3864877.25	0.18385	0.26985	0.21014	2.82E-03	1.96E-05	5.64E-03	0.008477	2.88E-03	1.93E-05	6.27E-03	0.009171	2.74E-03	2.45E-05	1.20E-02	1.48E-02

5167	479863.09	3864877.25	0.1742	0.2153	0.21428	2.67E-03	1.57E-05	5.75E-03	0.008436	2.73E-03	1.54E-05	6.39E-03	0.009139	2.60E-03	1.96E-05	1.23E-02	1.49E-02
5168	480363.09	3864877.25	0.18452	0.23066	0.23085	2.83E-03	1.68E-05	6.19E-03	0.00904	2.89E-03	1.65E-05	6.89E-03	0.009796	2.75E-03	2.10E-05	1.32E-02	1.60E-02
5169	480863.09	3864877.25	0.17784	0.24289	0.21911	2.73E-03	1.77E-05	5.88E-03	0.008623	2.79E-03	1.74E-05	6.54E-03	0.009342	2.65E-03	2.21E-05	1.26E-02	1.52E-02
5170	481363.09	3864877.25	0.18306	0.25583	0.21896	2.81E-03	1.86E-05	5.87E-03	0.0087	2.87E-03	1.83E-05	6.53E-03	0.009421	2.73E-03	2.33E-05	1.25E-02	1.53E-02
5171	481863.09	3864877.25	0.17399	0.26473	0.20184	2.67E-03	1.93E-05	5.41E-03	0.008103	2.73E-03	1.90E-05	6.02E-03	0.008768	2.59E-03	2.41E-05	1.16E-02	1.42E-02
5172	482363.09	3864877.25	0.18305	0.24099	0.20601	2.81E-03	1.75E-05	5.53E-03	0.008352	2.87E-03	1.73E-05	6.15E-03	0.009033	2.73E-03	2.19E-05	1.18E-02	1.46E-02
5173	482863.09	3864877.25	0.17548	0.26699	0.19914	2.69E-03	1.94E-05	5.34E-03	0.008053	2.75E-03	1.91E-05	5.94E-03	0.008711	2.61E-03	2.43E-05	1.14E-02	1.40E-02
5174	483363.09	3864877.25	0.17176	0.24491	0.20102	2.64E-03	1.78E-05	5.39E-03	0.008045	2.69E-03	1.75E-05	6.00E-03	0.008707	2.56E-03	2.23E-05	1.15E-02	1.41E-02
5175	483863.09	3864877.25	0.16646	0.23533	0.19457	2.55E-03	1.71E-05	5.22E-03	0.00779	2.61E-03	1.69E-05	5.80E-03	0.008431	2.48E-03	2.14E-05	1.11E-02	1.36E-02
5176	484363.09	3864877.25	0.15805	0.25032	0.18268	2.43E-03	1.82E-05	4.90E-03	0.007343	2.48E-03	1.79E-05	5.45E-03	0.007946	2.35E-03	2.28E-05	1.05E-02	1.28E-02
5177	484863.09	3864877.25	0.15649	0.29633	0.17622	2.40E-03	2.16E-05	4.73E-03	0.007149	2.45E-03	2.12E-05	5.26E-03	0.007732	2.33E-03	2.70E-05	1.01E-02	1.25E-02
5178	485363.09	3864877.25	0.16101	0.243	0.1917	2.47E-03	1.77E-05	5.14E-03	0.00763	2.52E-03	1.74E-05	5.72E-03	0.008261	2.40E-03	2.21E-05	1.10E-02	1.34E-02
5179	485863.09	3864877.25	0.1657	0.27502	0.19793	2.54E-03	2.00E-05	5.31E-03	0.007871	2.60E-03	1.97E-05	5.90E-03	0.008522	2.47E-03	2.50E-05	1.13E-02	1.38E-02
5180	486363.09	3864877.25	0.17685	0.24093	0.20703	2.71E-03	1.75E-05	5.55E-03	0.008284	2.77E-03	1.73E-05	6.18E-03	0.008966	2.63E-03	2.19E-05	1.19E-02	1.45E-02
5181	486863.09	3864877.25	0.18121	0.25635	0.19687	2.78E-03	1.87E-05	5.28E-03	0.00808	2.84E-03	1.84E-05	5.87E-03	0.008733	2.70E-03	2.33E-05	1.13E-02	1.40E-02
5182	487363.09	3864877.25	0.17863	0.22474	0.21087	2.74E-03	1.64E-05	5.66E-03	0.008413	2.80E-03	1.61E-05	6.29E-03	0.009108	2.66E-03	2.04E-05	1.21E-02	1.48E-02
5183	487863.09	3864877.25	0.18308	0.21913	0.22424	2.81E-03	1.60E-05	6.01E-03	0.00884	2.87E-03	1.57E-05	6.69E-03	0.009576	2.73E-03	1.99E-05	1.28E-02	1.56E-02
5184	488363.09	3864877.25	0.19776	0.23951	0.23629	3.03E-03	1.74E-05	6.34E-03	0.00939	3.10E-03	1.72E-05	7.05E-03	0.010167	2.95E-03	2.18E-05	1.35E-02	1.65E-02
5185	488863.09	3864877.25	0.19771	0.23568	0.26657	3.03E-03	1.72E-05	7.15E-03	0.010201	3.10E-03	1.69E-05	7.95E-03	0.011069	2.95E-03	2.14E-05	1.53E-02	1.82E-02
5186	489363.09	3864877.25	0.19388	0.27507	0.26505	2.98E-03	2.00E-05	7.11E-03	0.010104	3.04E-03	1.97E-05	7.91E-03	0.010967	2.89E-03	2.50E-05	1.52E-02	1.81E-02
5187	489863.09	3864877.25	0.19482	0.24867	0.27668	2.99E-03	1.81E-05	7.42E-03	0.010428	3.05E-03	1.78E-05	8.25E-03	0.011326	2.90E-03	2.26E-05	1.58E-02	1.88E-02
5188	490363.09	3864877.25	0.20315	0.23248	0.28534	3.12E-03	1.69E-05	7.65E-03	0.010787	3.19E-03	1.67E-05	8.51E-03	0.011714	3.03E-03	2.11E-05	1.63E-02	1.94E-02
5189	490863.09	3864877.25	0.26238	0.29224	0.33184	4.03E-03	2.13E-05	8.90E-03	0.012948	4.11E-03	2.09E-05	9.90E-03	0.014034	3.91E-03	2.66E-05	1.90E-02	2.29E-02
5190	491363.09	3864877.25	0.23742	0.29404	0.31216	3.64E-03	2.14E-05	8.37E-03	0.012037	3.72E-03	2.11E-05	9.31E-03	0.013056	3.54E-03	2.67E-05	1.79E-02	2.14E-02
5191	491863.09	3864877.25	0.25982	0.29748	0.3073	3.99E-03	2.17E-05	8.24E-03	0.012251	4.07E-03	2.13E-05	9.17E-03	0.013263	3.87E-03	2.71E-05	1.76E-02	2.15E-02
5192	492363.09	3864877.25	0.08611	0.10053	0.08841	1.32E-03	7.32E-06	2.37E-03	0.0037	1.35E-03	7.20E-06	2.64E-03	0.003995	1.28E-03	9.14E-06	5.06E-03	6.36E-03
5193	492863.09	3864877.25	0.13909	0.14267	0.14446	2.13E-03	1.04E-05	3.87E-03	0.006019	2.18E-03	1.02E-05	4.31E-03	0.006501	2.07E-03	1.30E-05	8.28E-03	1.04E-02
5194	493363.09	3864877.25	0.13722	0.13291	0.14893	2.11E-03	9.67E-06	3.99E-03	0.00611	2.15E-03	9.52E-06	4.44E-03	0.006604	2.04E-03	1.21E-05	8.53E-03	1.06E-02
5195	493863.09	3864877.25	0.31681	0.33151	0.36202	4.86E-03	2.41E-05	9.71E-03	0.014595	4.97E-03	2.38E-05	1.08E-02	0.015791	4.72E-03	3.02E-05	2.07E-02	2.55E-02
5196	494363.09	3864877.25	0.33041	0.37492	0.40277	5.07E-03	2.73E-05	1.08E-02	0.0159	5.18E-03	2.69E-05	1.20E-02	0.017223	4.92E-03	3.41E-05	2.31E-02	2.80E-02
5197	494863.09	3864877.25	0.28131	0.34081	0.35667	4.32E-03	2.48E-05	9.57E-03	0.013908	4.41E-03	2.44E-05	1.06E-02	0.015075	4.19E-03	3.10E-05	2.04E-02	2.47E-02
5198	495363.09	3864877.25	0.23085	0.27034	0.27909	3.54E-03	1.97E-05	7.49E-03	0.011047	3.62E-03	1.94E-05	8.33E-03	0.011965	3.44E-03	2.46E-05	1.60E-02	1.95E-02
5199	495863.09	3864877.25	0.20385	0.25208	0.27107	3.13E-03	1.83E-05	7.27E-03	0.010417	3.20E-03	1.81E-05	8.09E-03	0.011301	3.04E-03	2.29E-05	1.55E-02	1.86E-02
5200	496363.09	3864877.25	0.19163	0.2368	0.25153	2.94E-03	1.72E-05	6.75E-03	0.009704	3.00E-03	1.70E-05	7.50E-03	0.010525	2.85E-03	2.15E-05	1.44E-02	1.73E-02
5201	496863.09	3864877.25	0.17902	0.21957	0.23882	2.75E-03	1.60E-05	6.41E-03	0.009168	2.81E-03	1.57E-05	7.12E-03	0.009947	2.67E-03	2.00E-05	1.37E-02	1.64E-02
5202	497363.09	3864877.25	0.1774	0.21081	0.22837	2.72E-03	1.53E-05	6.12E-03	0.008863	2.78E-03	1.51E-05	6.81E-03	0.009609	2.64E-03	1.92E-05	1.31E-02	1.57E-02
5203	497863.09	3864877.25	0.16378	0.21334	0.23416	2.51E-03	1.55E-05	6.28E-03	0.008809	2.57E-03	1.53E-05	6.99E-03	0.009569	2.44E-03	1.94E-05	1.34E-02	1.59E-02
5204	498363.09	3864877.25	0.15299	0.19828	0.20517	2.35E-03	1.44E-05	5.50E-03	0.007865	2.40E-03	1.42E-05	6.12E-03	0.008534	2.28E-03	1.80E-05	1.18E-02	1.41E-02
5205	471363.09	3865377.25	0.12829	0.15844	0.15789	1.97E-03	1.15E-05	4.23E-03	0.006215	2.01E-03	1.14E-05	4.71E-03	0.006733	1.91E-03	1.44E-05	9.04E-03	1.10E-02
5206	471863.09	3865377.25	0.1276	0.17923	0.15923	1.96E-03	1.30E-05	4.27E-03	0.006242	2.00E-03	1.28E-05	4.75E-03	0.006764	1.90E-03	1.63E-05	9.12E-03	1.10E-02
5207	472363.09	3865377.25	0.12798	0.18601	0.16167	1.96E-03	1.35E-05	4.34E-03	0.006313	2.01E-03	1.33E-05	4.82E-03	0.006843	1.91E-03	1.69E-05	9.26E-03	1.12E-02
5208	472863.09	3865377.25	0.13306	0.17255	0.1709	2.04E-03	1.26E-05	4.58E-03	0.006638	2.09E-03	1.24E-05	5.10E-03	0.007197	1.98E-03	1.57E-05	9.79E-03	1.18E-02
5209	473363.09	3865377.25	0.13716	0.17341	0.18172	2.10E-03	1.26E-05	4.87E-03	0.006991	2.15E-03	1.24E-05	5.42E-03	0.007584	2.04E-03	1.58E-05	1.04E-02	1.25E-02
5210	473863.09	3865377.25	0.13509	0.18508	0.18942	2.07E-03	1.35E-05	5.08E-03	0.007167	2.12E-03	1.33E-05	5.65E-03	0.007782	2.01E-03	1.68E-05	1.09E-02	1.29E-02
5211	474363.09	3865377.25	0.13953	0.21097	0.19448	2.14E-03	1.54E-05	5.22E-03	0.007373	2.19E-03	1.51E-05	5.80E-03	0.008005	2.08E-03	1.92E-05	1.11E-02	1.32E-02
5212	474863.09	3865377.25	0.14327	0.23873	0.18368	2.20E-03	1.74E-05	4.93E-03	0.007142	2.25E-03	1.71E-05	5.48E-03	0.007743	2.13E-03	2.17E-05	1.05E-02	1.27E-02
5213	475363.09	3865377.25	0.15033	0.22265	0.19018	2.31E-03	1.62E-05	5.10E-03	0.007424	2.36E-03	1.60E-05	5.67E-03	0.008047	2.24E-03	2.03E-05	1.09E-02	1.32E-02

5214	475863.09	3865377.25	0.15482	0.26003	0.19741	2.38E-03	1.89E-05	5.29E-03	0.007689	2.43E-03	1.86E-05	5.89E-03	0.008335	2.31E-03	2.37E-05	1.13E-02	1.36E-02
5215	476363.09	3865377.25	0.15912	0.21452	0.19483	2.44E-03	1.56E-05	5.23E-03	0.007683	2.49E-03	1.54E-05	5.81E-03	0.008322	2.37E-03	1.95E-05	1.12E-02	1.36E-02
5216	476863.09	3865377.25	0.17889	0.23384	0.19858	2.75E-03	1.70E-05	5.33E-03	0.008088	2.80E-03	1.68E-05	5.92E-03	0.008746	2.66E-03	2.13E-05	1.14E-02	1.41E-02
5217	477363.09	3865377.25	0.16514	0.19735	0.21387	2.53E-03	1.44E-05	5.74E-03	0.008285	2.59E-03	1.41E-05	6.38E-03	0.008984	2.46E-03	1.80E-05	1.23E-02	1.47E-02
5218	477863.09	3865377.25	0.15783	0.24132	0.21235	2.42E-03	1.76E-05	5.70E-03	0.008135	2.47E-03	1.73E-05	6.33E-03	0.008827	2.35E-03	2.20E-05	1.22E-02	1.45E-02
5219	478363.09	3865377.25	0.17002	0.23105	0.21081	2.61E-03	1.68E-05	5.65E-03	0.00828	2.67E-03	1.66E-05	6.29E-03	0.008971	2.53E-03	2.10E-05	1.21E-02	1.46E-02
5220	478863.09	3865377.25	0.16705	0.27031	0.19274	2.56E-03	1.97E-05	5.17E-03	0.007752	2.62E-03	1.94E-05	5.75E-03	0.008388	2.49E-03	2.46E-05	1.10E-02	1.36E-02
5221	479363.09	3865377.25	0.15904	0.22792	0.20148	2.44E-03	1.66E-05	5.40E-03	0.007861	2.49E-03	1.63E-05	6.01E-03	0.008521	2.37E-03	2.07E-05	1.15E-02	1.39E-02
5222	479863.09	3865377.25	0.16798	0.22241	0.20309	2.58E-03	1.62E-05	5.45E-03	0.008041	2.63E-03	1.59E-05	6.06E-03	0.008708	2.50E-03	2.02E-05	1.16E-02	1.42E-02
5223	480363.09	3865377.25	0.16764	0.22944	0.20907	2.57E-03	1.67E-05	5.61E-03	0.008197	2.63E-03	1.64E-05	6.24E-03	0.008882	2.50E-03	2.09E-05	1.20E-02	1.45E-02
5224	480863.09	3865377.25	0.17041	0.22169	0.20676	2.61E-03	1.61E-05	5.55E-03	0.008177	2.67E-03	1.59E-05	6.17E-03	0.008856	2.54E-03	2.02E-05	1.18E-02	1.44E-02
5225	481363.09	3865377.25	0.16749	0.23133	0.19211	2.57E-03	1.68E-05	5.15E-03	0.007739	2.63E-03	1.66E-05	5.73E-03	0.008374	2.50E-03	2.10E-05	1.10E-02	1.35E-02
5226	481863.09	3865377.25	0.15333	0.24614	0.19615	2.35E-03	1.79E-05	5.26E-03	0.007632	2.40E-03	1.76E-05	5.85E-03	0.008273	2.28E-03	2.24E-05	1.12E-02	1.35E-02
5227	482363.09	3865377.25	0.16682	0.24122	0.18796	2.56E-03	1.76E-05	5.04E-03	0.007619	2.62E-03	1.73E-05	5.61E-03	0.00824	2.49E-03	2.19E-05	1.08E-02	1.33E-02
5228	482863.09	3865377.25	0.16447	0.24239	0.18839	2.52E-03	1.76E-05	5.05E-03	0.007594	2.58E-03	1.74E-05	5.62E-03	0.008216	2.45E-03	2.20E-05	1.08E-02	1.33E-02
5229	483363.09	3865377.25	0.1591	0.22419	0.18739	2.44E-03	1.63E-05	5.03E-03	0.007484	2.49E-03	1.61E-05	5.59E-03	0.008101	2.37E-03	2.04E-05	1.07E-02	1.31E-02
5230	483863.09	3865377.25	0.15328	0.21897	0.17352	2.35E-03	1.59E-05	4.65E-03	0.007022	2.40E-03	1.57E-05	5.18E-03	0.007595	2.28E-03	1.99E-05	9.94E-03	1.22E-02
5231	484363.09	3865377.25	0.14329	0.22985	0.16964	2.20E-03	1.67E-05	4.55E-03	0.006765	2.25E-03	1.65E-05	5.06E-03	0.007324	2.13E-03	2.09E-05	9.72E-03	1.19E-02
5232	484863.09	3865377.25	0.14208	0.26813	0.16681	2.18E-03	1.95E-05	4.47E-03	0.006674	2.23E-03	1.92E-05	4.98E-03	0.007223	2.12E-03	2.44E-05	9.56E-03	1.17E-02
5233	485363.09	3865377.25	0.14738	0.21884	0.17904	2.26E-03	1.59E-05	4.80E-03	0.007079	2.31E-03	1.57E-05	5.34E-03	0.007668	2.20E-03	1.99E-05	1.03E-02	1.25E-02
5234	485863.09	3865377.25	0.15534	0.24178	0.18052	2.38E-03	1.76E-05	4.84E-03	0.007243	2.44E-03	1.73E-05	5.39E-03	0.007838	2.31E-03	2.20E-05	1.03E-02	1.27E-02
5235	486363.09	3865377.25	0.15987	0.22231	0.19115	2.45E-03	1.62E-05	5.13E-03	0.007596	2.51E-03	1.59E-05	5.70E-03	0.008225	2.38E-03	2.02E-05	1.09E-02	1.34E-02
5236	486863.09	3865377.25	0.16358	0.23464	0.18677	2.51E-03	1.71E-05	5.01E-03	0.007537	2.56E-03	1.68E-05	5.57E-03	0.008153	2.44E-03	2.13E-05	1.07E-02	1.32E-02
5237	487363.09	3865377.25	0.16722	0.21916	0.19958	2.57E-03	1.60E-05	5.35E-03	0.007935	2.62E-03	1.57E-05	5.95E-03	0.008592	2.49E-03	1.99E-05	1.14E-02	1.39E-02
5238	487863.09	3865377.25	0.16705	0.20446	0.20031	2.56E-03	1.49E-05	5.37E-03	0.007951	2.62E-03	1.47E-05	5.98E-03	0.00861	2.49E-03	1.86E-05	1.15E-02	1.40E-02
5239	488363.09	3865377.25	0.17888	0.21648	0.22345	2.74E-03	1.58E-05	5.99E-03	0.008754	2.80E-03	1.55E-05	6.67E-03	0.009486	2.66E-03	1.97E-05	1.28E-02	1.55E-02
5240	488863.09	3865377.25	0.17123	0.22265	0.24636	2.63E-03	1.62E-05	6.61E-03	0.009251	2.68E-03	1.60E-05	7.35E-03	0.01005	2.55E-03	2.03E-05	1.41E-02	1.67E-02
5241	489363.09	3865377.25	0.18292	0.22585	0.24265	2.81E-03	1.64E-05	6.51E-03	0.009331	2.87E-03	1.62E-05	7.24E-03	0.010123	2.72E-03	2.05E-05	1.39E-02	1.66E-02
5242	489863.09	3865377.25	0.18465	0.21906	0.25245	2.83E-03	1.59E-05	6.77E-03	0.00962	2.90E-03	1.57E-05	7.53E-03	0.010442	2.75E-03	1.99E-05	1.45E-02	1.72E-02
5243	490363.09	3865377.25	0.19078	0.25062	0.2499	2.93E-03	1.82E-05	6.70E-03	0.009648	2.99E-03	1.80E-05	7.46E-03	0.010464	2.84E-03	2.28E-05	1.43E-02	1.72E-02
5244	490863.09	3865377.25	0.23688	0.25664	0.27016	3.63E-03	1.87E-05	7.25E-03	0.010899	3.71E-03	1.84E-05	8.06E-03	0.011792	3.53E-03	2.33E-05	1.55E-02	1.90E-02
5245	491363.09	3865377.25	0.2607	0.29339	0.30327	4.00E-03	2.14E-05	8.13E-03	0.012156	4.09E-03	2.10E-05	9.05E-03	0.013156	3.88E-03	2.67E-05	1.74E-02	2.13E-02
5246	491863.09	3865377.25	0.25261	0.27325	0.30374	3.88E-03	1.99E-05	8.15E-03	0.012043	3.96E-03	1.96E-05	9.06E-03	0.013042	3.76E-03	2.49E-05	1.74E-02	2.12E-02
5247	492363.09	3865377.25	0.25977	0.27232	0.28654	3.99E-03	1.98E-05	7.69E-03	0.011691	4.07E-03	1.95E-05	8.55E-03	0.012641	3.87E-03	2.48E-05	1.64E-02	2.03E-02
5248	492863.09	3865377.25	0.17839	0.19656	0.19648	2.74E-03	1.43E-05	5.27E-03	0.008021	2.80E-03	1.41E-05	5.86E-03	0.008673	2.66E-03	1.79E-05	1.13E-02	1.39E-02
5249	493363.09	3865377.25	0.1256	0.1305	0.12884	1.93E-03	9.50E-06	3.46E-03	0.005392	1.97E-03	9.35E-06	3.84E-03	0.005822	1.87E-03	1.19E-05	7.38E-03	9.26E-03
5250	493863.09	3865377.25	0.25305	0.2463	0.26829	3.88E-03	1.79E-05	7.20E-03	0.011097	3.97E-03	1.76E-05	8.00E-03	0.011989	3.77E-03	2.24E-05	1.54E-02	1.92E-02
5251	494363.09	3865377.25	0.2982	0.31688	0.3435	4.58E-03	2.31E-05	9.21E-03	0.013812	4.68E-03	2.27E-05	1.02E-02	0.014946	4.44E-03	2.88E-05	1.97E-02	2.41E-02
5252	494863.09	3865377.25	0.30961	0.35332	0.37988	4.75E-03	2.57E-05	1.02E-02	0.014965	4.85E-03	2.53E-05	1.13E-02	0.016212	4.61E-03	3.21E-05	2.18E-02	2.64E-02
5253	495363.09	3865377.25	0.26719	0.33185	0.34907	4.10E-03	2.42E-05	9.36E-03	0.013486	4.19E-03	2.38E-05	1.04E-02	0.014627	3.98E-03	3.02E-05	2.00E-02	2.40E-02
5254	495863.09	3865377.25	0.20212	0.23128	0.25427	3.10E-03	1.68E-05	6.82E-03	0.009938	3.17E-03	1.66E-05	7.59E-03	0.010771	3.01E-03	2.10E-05	1.46E-02	1.76E-02
5255	496363.09	3865377.25	0.22604	0.28231	0.28528	3.47E-03	2.05E-05	7.65E-03	0.011141	3.54E-03	2.02E-05	8.51E-03	0.012075	3.37E-03	2.57E-05	1.63E-02	1.97E-02
5256	496863.09	3865377.25	0.20928	0.24732	0.25097	3.21E-03	1.80E-05	6.73E-03	0.009961	3.28E-03	1.77E-05	7.49E-03	0.010786	3.12E-03	2.25E-05	1.44E-02	1.75E-02
5257	497363.09	3865377.25	0.173	0.20585	0.22062	2.65E-03	1.50E-05	5.92E-03	0.008587	2.71E-03	1.47E-05	6.58E-03	0.009309	2.58E-03	1.87E-05	1.26E-02	1.52E-02
5258	497863.09	3865377.25	0.15678	0.20219	0.21124	2.41E-03	1.47E-05	5.67E-03	0.008086	2.46E-03	1.45E-05	6.30E-03	0.008774	2.34E-03	1.84E-05	1.21E-02	1.45E-02
5259	498363.09	3865377.25	0.16697	0.19623	0.21625	2.56E-03	1.43E-05	5.80E-03	0.008376	2.62E-03	1.41E-05	6.45E-03	0.009083	2.49E-03	1.78E-05	1.24E-02	1.49E-02
5260	471363.09	3865877.25	0.11345	0.16975	0.14257	1.74E-03	1.24E-05	3.82E-03	0.005577	1.78E-03	1.22E-05	4.25E-03	0.006044	1.69E-03	1.54E-05	8.17E-03	9.87E-03

5261	471863.09	3865877.25	0.11353	0.17592	0.1525	1.74E-03	1.28E-05	4.09E-03	0.005845	1.78E-03	1.26E-05	4.55E-03	0.006342	1.69E-03	1.60E-05	8.74E-03	1.04E-02
5262	472363.09	3865877.25	0.11753	0.15795	0.15222	1.80E-03	1.15E-05	4.08E-03	0.005898	1.84E-03	1.13E-05	4.54E-03	0.006395	1.75E-03	1.44E-05	8.72E-03	1.05E-02
5263	472863.09	3865877.25	0.12451	0.15868	0.16624	1.91E-03	1.16E-05	4.46E-03	0.006381	1.95E-03	1.14E-05	4.96E-03	0.006923	1.85E-03	1.44E-05	9.52E-03	1.14E-02
5264	473363.09	3865877.25	0.12671	0.17342	0.18274	1.94E-03	1.26E-05	4.90E-03	0.006858	1.99E-03	1.24E-05	5.45E-03	0.007451	1.89E-03	1.58E-05	1.05E-02	1.24E-02
5265	473863.09	3865877.25	0.1325	0.1927	0.17832	2.03E-03	1.40E-05	4.78E-03	0.00683	2.08E-03	1.38E-05	5.32E-03	0.007411	1.97E-03	1.75E-05	1.02E-02	1.22E-02
5266	474363.09	3865877.25	0.13559	0.20886	0.16604	2.08E-03	1.52E-05	4.45E-03	0.006549	2.13E-03	1.50E-05	4.95E-03	0.007094	2.02E-03	1.90E-05	9.51E-03	1.16E-02
5267	474863.09	3865877.25	0.13871	0.21698	0.17628	2.13E-03	1.58E-05	4.73E-03	0.006872	2.17E-03	1.55E-05	5.26E-03	0.007449	2.07E-03	1.97E-05	1.01E-02	1.22E-02
5268	475363.09	3865877.25	0.14452	0.23258	0.18741	2.22E-03	1.69E-05	5.03E-03	0.007261	2.27E-03	1.67E-05	5.59E-03	0.007873	2.15E-03	2.12E-05	1.07E-02	1.29E-02
5269	475863.09	3865877.25	0.14769	0.21269	0.18233	2.27E-03	1.55E-05	4.89E-03	0.007172	2.32E-03	1.52E-05	5.44E-03	0.00777	2.20E-03	1.93E-05	1.04E-02	1.27E-02
5270	476363.09	3865877.25	0.15588	0.23011	0.18794	2.39E-03	1.68E-05	5.04E-03	0.007449	2.44E-03	1.65E-05	5.61E-03	0.008067	2.32E-03	2.09E-05	1.08E-02	1.31E-02
5271	476863.09	3865877.25	0.16458	0.20966	0.19257	2.53E-03	1.53E-05	5.16E-03	0.007706	2.58E-03	1.50E-05	5.74E-03	0.00834	2.45E-03	1.91E-05	1.10E-02	1.35E-02
5272	477363.09	3865877.25	0.15168	0.20859	0.2044	2.33E-03	1.52E-05	5.48E-03	0.007825	2.38E-03	1.49E-05	6.10E-03	0.008491	2.26E-03	1.90E-05	1.17E-02	1.40E-02
5273	477863.09	3865877.25	0.14841	0.2217	0.19869	2.28E-03	1.61E-05	5.33E-03	0.007622	2.33E-03	1.59E-05	5.93E-03	0.00827	2.21E-03	2.02E-05	1.14E-02	1.36E-02
5274	478363.09	3865877.25	0.15222	0.22552	0.17761	2.34E-03	1.64E-05	4.76E-03	0.007116	2.39E-03	1.62E-05	5.30E-03	0.007701	2.27E-03	2.05E-05	1.02E-02	1.25E-02
5275	478863.09	3865877.25	0.14506	0.23993	0.18355	2.23E-03	1.75E-05	4.92E-03	0.007166	2.27E-03	1.72E-05	5.48E-03	0.007767	2.16E-03	2.18E-05	1.05E-02	1.27E-02
5276	479363.09	3865877.25	0.15735	0.22857	0.18794	2.41E-03	1.66E-05	5.04E-03	0.007472	2.47E-03	1.64E-05	5.61E-03	0.00809	2.34E-03	2.08E-05	1.08E-02	1.31E-02
5277	479863.09	3865877.25	0.15829	0.19865	0.20052	2.43E-03	1.45E-05	5.38E-03	0.007821	2.48E-03	1.42E-05	5.98E-03	0.008478	2.36E-03	1.81E-05	1.15E-02	1.39E-02
5278	480363.09	3865877.25	0.15933	0.22709	0.19636	2.44E-03	1.65E-05	5.27E-03	0.007728	2.50E-03	1.63E-05	5.86E-03	0.008372	2.37E-03	2.07E-05	1.12E-02	1.36E-02
5279	480863.09	3865877.25	0.16094	0.2046	0.18647	2.47E-03	1.49E-05	5.00E-03	0.007486	2.52E-03	1.47E-05	5.56E-03	0.008101	2.40E-03	1.86E-05	1.07E-02	1.31E-02
5280	481363.09	3865877.25	0.14362	0.21451	0.18333	2.20E-03	1.56E-05	4.92E-03	0.007136	2.25E-03	1.54E-05	5.47E-03	0.007736	2.14E-03	1.95E-05	1.05E-02	1.27E-02
5281	481863.09	3865877.25	0.14704	0.22475	0.18051	2.26E-03	1.64E-05	4.84E-03	0.007114	2.31E-03	1.61E-05	5.39E-03	0.007707	2.19E-03	2.04E-05	1.03E-02	1.26E-02
5282	482363.09	3865877.25	0.15252	0.2179	0.17436	2.34E-03	1.59E-05	4.68E-03	0.007033	2.39E-03	1.56E-05	5.20E-03	0.007609	2.27E-03	1.98E-05	9.99E-03	1.23E-02
5283	482863.09	3865877.25	0.14754	0.20615	0.17741	2.26E-03	1.50E-05	4.76E-03	0.007037	2.31E-03	1.48E-05	5.29E-03	0.007621	2.20E-03	1.88E-05	1.02E-02	1.24E-02
5284	483363.09	3865877.25	0.1477	0.19895	0.17422	2.27E-03	1.45E-05	4.67E-03	0.006954	2.32E-03	1.43E-05	5.20E-03	0.007527	2.20E-03	1.81E-05	9.98E-03	1.22E-02
5285	483863.09	3865877.25	0.14226	0.20506	0.16071	2.18E-03	1.49E-05	4.31E-03	0.006508	2.23E-03	1.47E-05	4.79E-03	0.00704	2.12E-03	1.87E-05	9.21E-03	1.13E-02
5286	484363.09	3865877.25	0.13322	0.20675	0.16316	2.04E-03	1.50E-05	4.38E-03	0.006435	2.09E-03	1.48E-05	4.87E-03	0.006971	1.98E-03	1.88E-05	9.35E-03	1.13E-02
5287	484863.09	3865877.25	0.12863	0.24218	0.15522	1.97E-03	1.76E-05	4.16E-03	0.006155	2.02E-03	1.74E-05	4.63E-03	0.006665	1.92E-03	2.20E-05	8.89E-03	1.08E-02
5288	485363.09	3865877.25	0.13278	0.20854	0.16449	2.04E-03	1.52E-05	4.41E-03	0.006464	2.08E-03	1.49E-05	4.91E-03	0.007004	1.98E-03	1.90E-05	9.42E-03	1.14E-02
5289	485863.09	3865877.25	0.14604	0.20143	0.17053	2.24E-03	1.47E-05	4.57E-03	0.006829	2.29E-03	1.44E-05	5.09E-03	0.007392	2.18E-03	1.83E-05	9.77E-03	1.20E-02
5290	486363.09	3865877.25	0.1509	0.21281	0.18086	2.32E-03	1.55E-05	4.85E-03	0.007182	2.37E-03	1.52E-05	5.40E-03	0.007777	2.25E-03	1.94E-05	1.04E-02	1.26E-02
5291	486863.09	3865877.25	0.149	0.22897	0.17026	2.29E-03	1.67E-05	4.57E-03	0.00687	2.34E-03	1.64E-05	5.08E-03	0.007432	2.22E-03	2.08E-05	9.75E-03	1.20E-02
5292	487363.09	3865877.25	0.15471	0.21854	0.18829	2.37E-03	1.59E-05	5.05E-03	0.00744	2.43E-03	1.57E-05	5.62E-03	0.008059	2.30E-03	1.99E-05	1.08E-02	1.31E-02
5293	487863.09	3865877.25	0.15926	0.20052	0.19554	2.44E-03	1.46E-05	5.24E-03	0.007703	2.50E-03	1.44E-05	5.83E-03	0.008345	2.37E-03	1.82E-05	1.12E-02	1.36E-02
5294	488363.09	3865877.25	0.16459	0.19391	0.20903	2.53E-03	1.41E-05	5.61E-03	0.008146	2.58E-03	1.39E-05	6.24E-03	0.00883	2.45E-03	1.76E-05	1.20E-02	1.44E-02
5295	488863.09	3865877.25	0.16797	0.19099	0.21595	2.58E-03	1.39E-05	5.79E-03	0.008383	2.63E-03	1.37E-05	6.44E-03	0.00909	2.50E-03	1.74E-05	1.24E-02	1.49E-02
5296	489363.09	3865877.25	0.16438	0.21254	0.23395	2.52E-03	1.55E-05	6.27E-03	0.008813	2.58E-03	1.52E-05	6.98E-03	0.009572	2.45E-03	1.93E-05	1.34E-02	1.59E-02
5297	489863.09	3865877.25	0.16712	0.23098	0.23788	2.56E-03	1.68E-05	6.38E-03	0.008961	2.62E-03	1.66E-05	7.10E-03	0.009733	2.49E-03	2.10E-05	1.36E-02	1.61E-02
5298	490363.09	3865877.25	0.1722	0.22341	0.25406	2.64E-03	1.63E-05	6.81E-03	0.009473	2.70E-03	1.60E-05	7.58E-03	0.010295	2.57E-03	2.03E-05	1.46E-02	1.71E-02
5299	490863.09	3865877.25	0.19097	0.24712	0.25128	2.93E-03	1.80E-05	6.74E-03	0.009688	2.99E-03	1.77E-05	7.50E-03	0.010508	2.84E-03	2.25E-05	1.44E-02	1.73E-02
5300	491363.09	3865877.25	0.24634	0.25286	0.27588	3.78E-03	1.84E-05	7.40E-03	0.011198	3.86E-03	1.81E-05	8.23E-03	0.012111	3.67E-03	2.30E-05	1.58E-02	1.95E-02
5301	491863.09	3865877.25	0.24413	0.2694	0.27087	3.75E-03	1.96E-05	7.26E-03	0.011031	3.83E-03	1.93E-05	8.08E-03	0.011928	3.64E-03	2.45E-05	1.55E-02	1.92E-02
5302	492363.09	3865877.25	0.24157	0.25691	0.26745	3.71E-03	1.87E-05	7.17E-03	0.010899	3.79E-03	1.84E-05	7.98E-03	0.011785	3.60E-03	2.34E-05	1.53E-02	1.89E-02
5303	492863.09	3865877.25	0.19842	0.22524	0.21936	3.04E-03	1.64E-05	5.88E-03	0.008945	3.11E-03	1.61E-05	6.54E-03	0.009671	2.96E-03	2.05E-05	1.26E-02	1.55E-02
5304	493363.09	3865877.25	0.1839	0.19883	0.20748	2.82E-03	1.45E-05	5.56E-03	0.008401	2.88E-03	1.42E-05	6.19E-03	0.009087	2.74E-03	1.81E-05	1.19E-02	1.46E-02
5305	493863.09	3865877.25	0.2328	0.23333	0.26524	3.57E-03	1.70E-05	7.11E-03	0.010703	3.65E-03	1.67E-05	7.91E-03	0.01158	3.47E-03	2.12E-05	1.52E-02	1.87E-02
5306	494363.09	3865877.25	0.26375	0.28793	0.31399	4.05E-03	2.10E-05	8.42E-03	0.01249	4.14E-03	2.06E-05	9.37E-03	0.013523	3.93E-03	2.62E-05	1.80E-02	2.19E-02
5307	494863.09	3865877.25	0.26559	0.28759	0.30755	4.08E-03	2.09E-05	8.25E-03	0.012345	4.16E-03	2.06E-05	9.17E-03	0.01336	3.96E-03	2.62E-05	1.76E-02	2.16E-02

5308	495363.09	3865877.25	0.26918	0.32014	0.34203	4.13E-03	2.33E-05	9.17E-03	0.013327	4.22E-03	2.29E-05	1.02E-02	0.014447	4.01E-03	2.91E-05	1.96E-02	2.36E-02
5309	495863.09	3865877.25	0.26183	0.31841	0.33747	4.02E-03	2.32E-05	9.05E-03	0.013092	4.11E-03	2.28E-05	1.01E-02	0.014196	3.90E-03	2.90E-05	1.93E-02	2.33E-02
5310	496363.09	3865877.25	0.25027	0.27298	0.29885	3.84E-03	1.99E-05	8.02E-03	0.011876	3.92E-03	1.96E-05	8.92E-03	0.012859	3.73E-03	2.48E-05	1.71E-02	2.09E-02
5311	496863.09	3865877.25	0.27192	0.30912	0.33945	4.17E-03	2.25E-05	9.10E-03	0.013299	4.26E-03	2.21E-05	1.01E-02	0.014412	4.05E-03	2.81E-05	1.94E-02	2.35E-02
5312	497363.09	3865877.25	0.21535	0.25695	0.25221	3.30E-03	1.87E-05	6.76E-03	0.010088	3.38E-03	1.84E-05	7.52E-03	0.010919	3.21E-03	2.34E-05	1.44E-02	1.77E-02
5313	497863.09	3865877.25	0.20608	0.22424	0.24578	3.16E-03	1.63E-05	6.59E-03	0.009771	3.23E-03	1.61E-05	7.33E-03	0.010579	3.07E-03	2.04E-05	1.41E-02	1.72E-02
5314	498363.09	3865877.25	0.224	0.25353	0.27609	3.44E-03	1.85E-05	7.40E-03	0.010861	3.51E-03	1.82E-05	8.24E-03	0.011767	3.34E-03	2.31E-05	1.58E-02	1.92E-02
5315	471363.09	3866377.25	0.10379	0.15707	0.14377	1.59E-03	1.14E-05	3.86E-03	0.00546	1.63E-03	1.13E-05	4.29E-03	0.005928	1.55E-03	1.43E-05	8.24E-03	9.80E-03
5316	471863.09	3866377.25	0.10721	0.14359	0.14106	1.65E-03	1.05E-05	3.78E-03	0.005439	1.68E-03	1.03E-05	4.21E-03	0.005899	1.60E-03	1.31E-05	8.08E-03	9.69E-03
5317	472363.09	3866377.25	0.11259	0.15133	0.15011	1.73E-03	1.10E-05	4.03E-03	0.005765	1.77E-03	1.08E-05	4.48E-03	0.006254	1.68E-03	1.38E-05	8.60E-03	1.03E-02
5318	472863.09	3866377.25	0.1206	0.16166	0.16667	1.85E-03	1.18E-05	4.47E-03	0.006333	1.89E-03	1.16E-05	4.97E-03	0.006875	1.80E-03	1.47E-05	9.55E-03	1.14E-02
5319	473363.09	3866377.25	0.12596	0.17736	0.16255	1.93E-03	1.29E-05	4.36E-03	0.006305	1.97E-03	1.27E-05	4.85E-03	0.006837	1.88E-03	1.61E-05	9.31E-03	1.12E-02
5320	473863.09	3866377.25	0.12499	0.18593	0.15254	1.92E-03	1.35E-05	4.09E-03	0.006023	1.96E-03	1.33E-05	4.55E-03	0.006524	1.86E-03	1.69E-05	8.74E-03	1.06E-02
5321	474363.09	3866377.25	0.13005	0.21733	0.16288	2.00E-03	1.58E-05	4.37E-03	0.00638	2.04E-03	1.56E-05	4.86E-03	0.006914	1.94E-03	1.98E-05	9.33E-03	1.13E-02
5322	474863.09	3866377.25	0.1374	0.21006	0.17363	2.11E-03	1.53E-05	4.66E-03	0.006781	2.15E-03	1.51E-05	5.18E-03	0.007349	2.05E-03	1.91E-05	9.95E-03	1.20E-02
5323	475363.09	3866377.25	0.14007	0.19939	0.17143	2.15E-03	1.45E-05	4.60E-03	0.006762	2.20E-03	1.43E-05	5.11E-03	0.007325	2.09E-03	1.81E-05	9.82E-03	1.19E-02
5324	475863.09	3866377.25	0.14064	0.20113	0.1712	2.16E-03	1.46E-05	4.59E-03	0.006764	2.21E-03	1.44E-05	5.11E-03	0.007327	2.10E-03	1.83E-05	9.81E-03	1.19E-02
5325	476363.09	3866377.25	0.14609	0.18627	0.18119	2.24E-03	1.36E-05	4.86E-03	0.007115	2.29E-03	1.33E-05	5.41E-03	0.007709	2.18E-03	1.69E-05	1.04E-02	1.26E-02
5326	476863.09	3866377.25	0.15071	0.19993	0.18364	2.31E-03	1.46E-05	4.93E-03	0.007253	2.36E-03	1.43E-05	5.48E-03	0.007856	2.25E-03	1.82E-05	1.05E-02	1.28E-02
5327	477363.09	3866377.25	0.14962	0.22722	0.18456	2.30E-03	1.65E-05	4.95E-03	0.007262	2.35E-03	1.63E-05	5.51E-03	0.007868	2.23E-03	2.07E-05	1.06E-02	1.28E-02
5328	477863.09	3866377.25	0.13994	0.20596	0.16463	2.15E-03	1.50E-05	4.42E-03	0.006578	2.19E-03	1.48E-05	4.91E-03	0.00712	2.08E-03	1.87E-05	9.43E-03	1.15E-02
5329	478363.09	3866377.25	0.13154	0.22696	0.16431	2.02E-03	1.65E-05	4.41E-03	0.006442	2.06E-03	1.63E-05	4.90E-03	0.00698	1.96E-03	2.06E-05	9.41E-03	1.14E-02
5330	478863.09	3866377.25	0.14461	0.21033	0.18066	2.22E-03	1.53E-05	4.85E-03	0.00708	2.27E-03	1.51E-05	5.39E-03	0.007672	2.15E-03	1.91E-05	1.03E-02	1.25E-02
5331	479363.09	3866377.25	0.14222	0.21158	0.17906	2.18E-03	1.54E-05	4.80E-03	0.007	2.23E-03	1.52E-05	5.34E-03	0.007587	2.12E-03	1.92E-05	1.03E-02	1.24E-02
5332	479863.09	3866377.25	0.14982	0.18758	0.18808	2.30E-03	1.37E-05	5.04E-03	0.007357	2.35E-03	1.34E-05	5.61E-03	0.007973	2.23E-03	1.71E-05	1.08E-02	1.30E-02
5333	480363.09	3866377.25	0.15503	0.18607	0.18286	2.38E-03	1.35E-05	4.90E-03	0.007297	2.43E-03	1.33E-05	5.46E-03	0.007899	2.31E-03	1.69E-05	1.05E-02	1.28E-02
5334	480863.09	3866377.25	0.13775	0.19723	0.17723	2.11E-03	1.44E-05	4.75E-03	0.006882	2.16E-03	1.41E-05	5.29E-03	0.007461	2.05E-03	1.79E-05	1.02E-02	1.22E-02
5335	481363.09	3866377.25	0.13439	0.20394	0.17482	2.06E-03	1.48E-05	4.69E-03	0.006766	2.11E-03	1.46E-05	5.22E-03	0.007337	2.00E-03	1.86E-05	1.00E-02	1.20E-02
5336	481863.09	3866377.25	0.14685	0.22234	0.16949	2.25E-03	1.62E-05	4.55E-03	0.006815	2.30E-03	1.59E-05	5.06E-03	0.007375	2.19E-03	2.02E-05	9.71E-03	1.19E-02
5337	482363.09	3866377.25	0.14397	0.19666	0.16948	2.21E-03	1.43E-05	4.55E-03	0.006769	2.26E-03	1.41E-05	5.06E-03	0.007327	2.14E-03	1.79E-05	9.71E-03	1.19E-02
5338	482863.09	3866377.25	0.13908	0.20201	0.16706	2.13E-03	1.47E-05	4.48E-03	0.00663	2.18E-03	1.45E-05	4.98E-03	0.007179	2.07E-03	1.84E-05	9.57E-03	1.17E-02
5339	483363.09	3866377.25	0.13783	0.18389	0.15487	2.12E-03	1.34E-05	4.15E-03	0.006282	2.16E-03	1.32E-05	4.62E-03	0.006794	2.05E-03	1.67E-05	8.87E-03	1.09E-02
5340	483863.09	3866377.25	0.13222	0.19119	0.15564	2.03E-03	1.39E-05	4.17E-03	0.006217	2.07E-03	1.37E-05	4.64E-03	0.00673	1.97E-03	1.74E-05	8.92E-03	1.09E-02
5341	484363.09	3866377.25	0.12365	0.19042	0.15087	1.90E-03	1.39E-05	4.05E-03	0.005958	1.94E-03	1.36E-05	4.50E-03	0.006453	1.84E-03	1.73E-05	8.64E-03	1.05E-02
5342	484863.09	3866377.25	0.12025	0.21993	0.14905	1.85E-03	1.60E-05	4.00E-03	0.005859	1.89E-03	1.58E-05	4.45E-03	0.006348	1.79E-03	2.00E-05	8.54E-03	1.03E-02
5343	485363.09	3866377.25	0.12308	0.19794	0.15552	1.89E-03	1.44E-05	4.17E-03	0.006074	1.93E-03	1.42E-05	4.64E-03	0.006583	1.83E-03	1.80E-05	8.91E-03	1.08E-02
5344	485863.09	3866377.25	0.13699	0.19469	0.16056	2.10E-03	1.42E-05	4.31E-03	0.006423	2.15E-03	1.39E-05	4.79E-03	0.006952	2.04E-03	1.77E-05	9.20E-03	1.13E-02
5345	486363.09	3866377.25	0.14254	0.19791	0.17139	2.19E-03	1.44E-05	4.60E-03	0.006798	2.23E-03	1.42E-05	5.11E-03	0.007362	2.12E-03	1.80E-05	9.82E-03	1.20E-02
5346	486863.09	3866377.25	0.14154	0.22435	0.16322	2.17E-03	1.63E-05	4.38E-03	0.006566	2.22E-03	1.61E-05	4.87E-03	0.007105	2.11E-03	2.04E-05	9.35E-03	1.15E-02
5347	487363.09	3866377.25	0.14897	0.20216	0.18071	2.29E-03	1.47E-05	4.85E-03	0.007147	2.34E-03	1.45E-05	5.39E-03	0.007741	2.22E-03	1.84E-05	1.04E-02	1.26E-02
5348	487863.09	3866377.25	0.15222	0.19173	0.19368	2.34E-03	1.40E-05	5.19E-03	0.007544	2.39E-03	1.37E-05	5.78E-03	0.008178	2.27E-03	1.74E-05	1.11E-02	1.34E-02
5349	488363.09	3866377.25	0.14938	0.18143	0.18863	2.29E-03	1.32E-05	5.06E-03	0.007365	2.34E-03	1.30E-05	5.63E-03	0.007982	2.23E-03	1.65E-05	1.08E-02	1.30E-02
5350	488863.09	3866377.25	0.15662	0.17884	0.20797	2.40E-03	1.30E-05	5.58E-03	0.007994	2.46E-03	1.28E-05	6.20E-03	0.008673	2.33E-03	1.63E-05	1.19E-02	1.43E-02
5351	489363.09	3866377.25	0.15173	0.21248	0.22079	2.33E-03	1.55E-05	5.92E-03	0.008265	2.38E-03	1.52E-05	6.59E-03	0.008981	2.26E-03	1.93E-05	1.26E-02	1.49E-02
5352	489863.09	3866377.25	0.19386	0.23356	0.21498	2.97E-03	1.70E-05	5.77E-03	0.008758	3.04E-03	1.67E-05	6.41E-03	0.00947	2.89E-03	2.12E-05	1.23E-02	1.52E-02
5353	490363.09	3866377.25	0.16639	0.201	0.22976	2.55E-03	1.46E-05	6.16E-03	0.00873	2.61E-03	1.44E-05	6.85E-03	0.009478	2.48E-03	1.83E-05	1.32E-02	1.57E-02
5354	490863.09	3866377.25	0.15682	0.21681	0.21796	2.41E-03	1.58E-05	5.85E-03	0.008268	2.46E-03	1.55E-05	6.50E-03	0.008977	2.34E-03	1.97E-05	1.25E-02	1.48E-02

5355	491363.09	3866377.25	0.17758	0.20846	0.23535	2.72E-03	1.52E-05	6.31E-03	0.009052	2.78E-03	1.49E-05	7.02E-03	0.00982	2.65E-03	1.90E-05	1.35E-02	1.61E-02
5356	491863.09	3866377.25	0.23491	0.24049	0.2533	3.60E-03	1.75E-05	6.79E-03	0.010416	3.68E-03	1.72E-05	7.56E-03	0.011257	3.50E-03	2.19E-05	1.45E-02	1.80E-02
5357	492363.09	3866377.25	0.21887	0.25516	0.24955	3.36E-03	1.86E-05	6.69E-03	0.01007	3.43E-03	1.83E-05	7.44E-03	0.010895	3.26E-03	2.32E-05	1.43E-02	1.76E-02
5358	492863.09	3866377.25	0.21869	0.23033	0.23811	3.36E-03	1.68E-05	6.39E-03	0.009759	3.43E-03	1.65E-05	7.10E-03	0.010549	3.26E-03	2.10E-05	1.36E-02	1.69E-02
5359	493363.09	3866377.25	0.23479	0.25511	0.26039	3.60E-03	1.86E-05	6.98E-03	0.010605	3.68E-03	1.83E-05	7.77E-03	0.011468	3.50E-03	2.32E-05	1.49E-02	1.84E-02
5360	493863.09	3866377.25	0.24377	0.2433	0.27715	3.74E-03	1.77E-05	7.43E-03	0.011192	3.82E-03	1.74E-05	8.27E-03	0.012108	3.63E-03	2.21E-05	1.59E-02	1.95E-02
5361	494363.09	3866377.25	0.23937	0.26835	0.29295	3.67E-03	1.95E-05	7.86E-03	0.01155	3.75E-03	1.92E-05	8.74E-03	0.012512	3.57E-03	2.44E-05	1.68E-02	2.04E-02
5362	494863.09	3866377.25	0.24959	0.28668	0.29951	3.83E-03	2.09E-05	8.03E-03	0.011884	3.91E-03	2.05E-05	8.94E-03	0.012869	3.72E-03	2.61E-05	1.72E-02	2.09E-02
5363	495363.09	3866377.25	0.26198	0.27748	0.2978	4.02E-03	2.02E-05	7.99E-03	0.012027	4.11E-03	1.99E-05	8.88E-03	0.013012	3.90E-03	2.52E-05	1.71E-02	2.10E-02
5364	495863.09	3866377.25	0.2872	0.32848	0.34725	4.41E-03	2.39E-05	9.31E-03	0.013744	4.50E-03	2.35E-05	1.04E-02	0.014886	4.28E-03	2.99E-05	1.99E-02	2.42E-02
5365	496363.09	3866377.25	0.27682	0.31502	0.34243	4.25E-03	2.29E-05	9.18E-03	0.013455	4.34E-03	2.26E-05	1.02E-02	0.014578	4.12E-03	2.87E-05	1.96E-02	2.38E-02
5366	496863.09	3866377.25	0.24444	0.2714	0.27806	3.75E-03	1.98E-05	7.46E-03	0.011228	3.83E-03	1.94E-05	8.30E-03	0.012147	3.64E-03	2.47E-05	1.59E-02	1.96E-02
5367	497363.09	3866377.25	0.2618	0.26899	0.31149	4.02E-03	1.96E-05	8.35E-03	0.012391	4.10E-03	1.93E-05	9.29E-03	0.013417	3.90E-03	2.45E-05	1.78E-02	2.18E-02
5368	497863.09	3866377.25	0.22289	0.27104	0.26066	3.42E-03	1.97E-05	6.99E-03	0.010431	3.49E-03	1.94E-05	7.78E-03	0.01129	3.32E-03	2.47E-05	1.49E-02	1.83E-02
5369	498363.09	3866377.25	0.20841	0.23792	0.23302	3.20E-03	1.73E-05	6.25E-03	0.009465	3.27E-03	1.70E-05	6.95E-03	0.010236	3.10E-03	2.16E-05	1.33E-02	1.65E-02
5370	474494.92	3848334.16	0.21815	0.30881	0.25033	3.35E-03	2.25E-05	6.71E-03	0.010084	3.42E-03	2.21E-05	7.47E-03	0.01091	3.25E-03	2.81E-05	1.43E-02	1.76E-02
5371	475167.27	3848920.79	0.2598	0.39011	0.29713	3.99E-03	2.84E-05	7.97E-03	0.011984	4.07E-03	2.80E-05	8.86E-03	0.012965	3.87E-03	3.55E-05	1.70E-02	2.09E-02
5372	475297.89	3848997.96	0.26125	0.39644	0.30522	4.01E-03	2.89E-05	8.19E-03	0.012224	4.10E-03	2.84E-05	9.11E-03	0.01323	3.89E-03	3.61E-05	1.75E-02	2.14E-02
5373	475439.05	3849062	0.25304	0.35796	0.27947	3.88E-03	2.61E-05	7.50E-03	0.011405	3.97E-03	2.56E-05	8.34E-03	0.01233	3.77E-03	3.26E-05	1.60E-02	1.98E-02
5374	475486.86	3849061.09	0.24312	0.33171	0.27203	3.73E-03	2.41E-05	7.30E-03	0.011051	3.81E-03	2.38E-05	8.12E-03	0.011951	3.62E-03	3.02E-05	1.56E-02	1.92E-02
5375	475538.46	3849075.56	0.23888	0.35527	0.26914	3.67E-03	2.59E-05	7.22E-03	0.01091	3.75E-03	2.55E-05	8.03E-03	0.0118	3.56E-03	3.23E-05	1.54E-02	1.90E-02
5376	475751.79	3849137.15	0.27615	0.34521	0.29318	4.24E-03	2.51E-05	7.86E-03	0.012126	4.33E-03	2.47E-05	8.75E-03	0.013101	4.11E-03	3.14E-05	1.68E-02	2.09E-02
5377	476303.62	3849223.38	0.33698	0.42952	0.36002	5.17E-03	3.13E-05	9.66E-03	0.014858	5.28E-03	3.08E-05	1.07E-02	0.016055	5.02E-03	3.91E-05	2.06E-02	2.57E-02
5378	476304.51	3849238.92	0.32664	0.43437	0.35053	5.01E-03	3.16E-05	9.40E-03	0.014445	5.12E-03	3.11E-05	1.05E-02	0.01561	4.87E-03	3.95E-05	2.01E-02	2.50E-02
5379	476365.04	3849247.98	0.34519	0.41806	0.37291	5.30E-03	3.04E-05	1.00E-02	0.015329	5.41E-03	3.00E-05	1.11E-02	0.016567	5.14E-03	3.80E-05	2.14E-02	2.65E-02
5380	476444.86	3849267.13	0.33165	0.39268	0.38397	5.09E-03	2.86E-05	1.03E-02	0.015416	5.20E-03	2.81E-05	1.15E-02	0.016683	4.94E-03	3.57E-05	2.20E-02	2.70E-02
5381	476550.75	3849300.66	0.33235	0.43671	0.37081	5.10E-03	3.18E-05	9.95E-03	0.015077	5.21E-03	3.13E-05	1.11E-02	0.016304	4.95E-03	3.97E-05	2.12E-02	2.62E-02
5382	476656.71	3849346.88	0.32373	0.46613	0.37157	4.97E-03	3.39E-05	9.97E-03	0.014967	5.08E-03	3.34E-05	1.11E-02	0.016194	4.82E-03	4.24E-05	2.13E-02	2.62E-02
5383	476873.55	3849454.53	0.33225	0.4459	0.37389	5.10E-03	3.25E-05	1.00E-02	0.015159	5.21E-03	3.19E-05	1.12E-02	0.016395	4.95E-03	4.06E-05	2.14E-02	2.64E-02
5384	477700	3849859.7	0.40668	0.48503	0.44244	6.24E-03	3.53E-05	1.19E-02	0.018142	6.38E-03	3.48E-05	1.32E-02	0.01961	6.06E-03	4.41E-05	2.53E-02	3.14E-02
5385	477743.16	3849856.38	0.41764	0.515	0.45899	6.41E-03	3.75E-05	1.23E-02	0.018757	6.55E-03	3.69E-05	1.37E-02	0.020278	6.22E-03	4.68E-05	2.63E-02	3.26E-02
5386	478477.35	3850216.33	0.4938	0.6263	0.53075	7.58E-03	4.56E-05	1.42E-02	0.021858	7.74E-03	4.49E-05	1.58E-02	0.023621	7.36E-03	5.70E-05	3.04E-02	3.78E-02
5387	478485.8	3850201.6	0.5041	0.6171	0.54578	7.74E-03	4.49E-05	1.46E-02	0.022419	7.90E-03	4.42E-05	1.63E-02	0.02423	7.51E-03	5.61E-05	3.13E-02	3.88E-02
5388	479113.21	3850501.53	0.56087	0.80255	0.65863	8.61E-03	5.84E-05	1.77E-02	0.02633	8.79E-03	5.75E-05	1.96E-02	0.0285	8.36E-03	7.30E-05	3.77E-02	4.62E-02
5389	479108.11	3850382.28	0.57696	0.82306	0.68174	8.85E-03	5.99E-05	1.83E-02	0.027198	9.05E-03	5.90E-05	2.03E-02	0.029443	8.60E-03	7.49E-05	3.91E-02	4.77E-02
5390	479689.85	3850674.28	0.59981	0.86365	0.74262	9.20E-03	6.29E-05	1.99E-02	0.029184	9.40E-03	6.19E-05	2.22E-02	0.03162	8.94E-03	7.86E-05	4.25E-02	5.16E-02
5391	479952.42	3850774.28	0.56602	0.86268	0.68392	8.69E-03	6.28E-05	1.83E-02	0.027092	8.87E-03	6.18E-05	2.04E-02	0.029339	8.43E-03	7.85E-05	3.92E-02	4.77E-02
5392	479911.32	3850884.85	0.61759	0.9149	0.76603	9.48E-03	6.66E-05	2.05E-02	0.030089	9.68E-03	6.56E-05	2.29E-02	0.032601	9.20E-03	8.32E-05	4.39E-02	5.32E-02
5393	480500.92	3851178.12	0.59511	0.99236	0.74727	9.13E-03	7.22E-05	2.00E-02	0.029246	9.33E-03	7.11E-05	2.23E-02	0.031695	8.87E-03	9.03E-05	4.28E-02	5.18E-02
5394	480738.01	3851289.27	0.55903	0.91179	0.73789	8.58E-03	6.64E-05	1.98E-02	0.028435	8.77E-03	6.53E-05	2.20E-02	0.030843	8.33E-03	8.29E-05	4.23E-02	5.07E-02
5395	481055.42	3851443.58	0.60938	1.07988	0.71062	9.35E-03	7.86E-05	1.91E-02	0.028489	9.55E-03	7.74E-05	2.12E-02	0.030831	9.08E-03	9.82E-05	4.07E-02	4.99E-02
5396	481110.22	3851443.15	0.58871	1.12492	0.68322	9.03E-03	8.19E-05	1.83E-02	0.02744	9.23E-03	8.06E-05	2.04E-02	0.029693	8.77E-03	1.02E-04	3.91E-02	4.80E-02
5397	481111.1	3851417.45	0.57725	1.10796	0.66946	8.86E-03	8.07E-05	1.80E-02	0.026894	9.05E-03	7.94E-05	2.00E-02	0.029102	8.60E-03	1.01E-04	3.83E-02	4.70E-02
5398	482248.44	3852605.09	0.86333	1.70786	1.00498	1.32E-02	1.24E-04	2.70E-02	0.040326	1.35E-02	1.22E-04	3.00E-02	0.04364	1.29E-02	1.55E-04	5.76E-02	7.06E-02
5399	482273.34	3852632.31	0.87227	1.74696	1.02718	1.34E-02	1.27E-04	2.75E-02	0.041062	1.37E-02	1.25E-04	3.06E-02	0.044445	1.30E-02	1.59E-04	5.88E-02	7.20E-02
5400	482665.46	3853038.72	0.92931	2.13067	1.08459	1.43E-02	1.55E-04	2.91E-02	0.043505	1.46E-02	1.53E-04	3.24E-02	0.047079	1.38E-02	1.94E-04	6.21E-02	7.62E-02
5401	483077.95	3853844.31	1.95105	3.92521	2.39608	2.99E-02	2.86E-04	6.43E-02	0.094489	3.06E-02	2.81E-04	7.15E-02	0.102353	2.91E-02	3.57E-04	1.37E-01	1.67E-01

5402	483121.38	3853909.38	1.97333	4.05522	2.53402	3.03E-02	2.95E-04	6.80E-02	0.09854	3.09E-02	2.91E-04	7.56E-02	0.106826	2.94E-02	3.69E-04	1.45E-01	1.75E-01
5403	483492.64	3853911.49	1.50846	3.28215	1.66864	2.31E-02	2.39E-04	4.48E-02	0.06814	2.37E-02	2.35E-04	4.98E-02	0.073666	2.25E-02	2.99E-04	9.56E-02	1.18E-01
5404	483498.29	3854204.73	2.0901	4.12382	2.56078	3.21E-02	3.00E-04	6.87E-02	0.101054	3.28E-02	2.95E-04	7.64E-02	0.10946	3.11E-02	3.75E-04	1.47E-01	1.78E-01
5405	484132.44	3854662.55	1.25673	3.32679	1.19731	1.93E-02	2.42E-04	3.21E-02	0.051639	1.97E-02	2.38E-04	3.57E-02	0.055661	1.87E-02	3.03E-04	6.86E-02	8.76E-02
5406	484627.62	3854876.13	1.67009	4.80257	1.29954	2.56E-02	3.50E-04	3.49E-02	0.060832	2.62E-02	3.44E-04	3.88E-02	0.065298	2.49E-02	4.37E-04	7.44E-02	9.98E-02
5407	484756.14	3854949.04	1.99375	5.16343	1.50895	3.06E-02	3.76E-04	4.05E-02	0.071441	3.13E-02	3.70E-04	4.50E-02	0.076646	2.97E-02	4.70E-04	8.64E-02	1.17E-01
5408	486697.51	3856599.17	2.81261	2.53773	3.18063	4.32E-02	1.85E-04	8.53E-02	0.128651	4.41E-02	1.82E-04	9.49E-02	0.139167	4.19E-02	2.31E-04	1.82E-01	2.24E-01
5409	487105.31	3856962.27	3.53973	3.3648	4.08957	5.43E-02	2.45E-04	1.10E-01	0.164247	5.55E-02	2.41E-04	1.22E-01	0.177742	5.27E-02	3.06E-04	2.34E-01	2.87E-01
5410	487157.57	3856901.7	3.25805	3.1611	3.66031	5.00E-02	2.30E-04	9.82E-02	0.148397	5.11E-02	2.26E-04	1.09E-01	0.160505	4.85E-02	2.88E-04	2.10E-01	2.59E-01
5411	487173.5	3856853.74	3.12732	2.95806	3.44258	4.80E-02	2.15E-04	9.23E-02	0.140536	4.90E-02	2.12E-04	1.03E-01	0.151946	4.66E-02	2.69E-04	1.97E-01	2.44E-01
5412	487564.41	3856860.83	2.76347	3.0843	3.09746	4.24E-02	2.25E-04	8.31E-02	0.125706	4.33E-02	2.21E-04	9.24E-02	0.135954	4.12E-02	2.81E-04	1.77E-01	2.19E-01
5413	487563.31	3856931.58	2.89635	3.59259	3.25866	4.44E-02	2.62E-04	8.74E-02	0.132105	4.54E-02	2.57E-04	9.72E-02	0.142883	4.31E-02	3.27E-04	1.87E-01	2.30E-01
5414	487782.7	3856926.85	2.69413	3.50013	2.95696	4.13E-02	2.55E-04	7.93E-02	0.120904	4.22E-02	2.51E-04	8.82E-02	0.130705	4.01E-02	3.18E-04	1.69E-01	2.10E-01
5415	487782.39	3856757.07	2.43371	2.38349	2.6388	3.73E-02	1.73E-04	7.08E-02	0.108293	3.82E-02	1.71E-04	7.87E-02	0.117051	3.63E-02	2.17E-04	1.51E-01	1.88E-01
5416	487917.26	3856752.41	2.32015	2.52585	2.5541	3.56E-02	1.84E-04	6.85E-02	0.104289	3.64E-02	1.81E-04	7.62E-02	0.112754	3.46E-02	2.30E-04	1.46E-01	1.81E-01
5417	487919.57	3856953.35	2.57404	3.54559	2.85241	3.95E-02	2.58E-04	7.65E-02	0.11626	4.04E-02	2.54E-04	8.51E-02	0.125707	3.83E-02	3.23E-04	1.63E-01	2.02E-01
5418	487932.76	3857000.32	2.59503	3.60449	2.93314	3.98E-02	2.62E-04	7.87E-02	0.118752	4.07E-02	2.58E-04	8.75E-02	0.128448	3.87E-02	3.28E-04	1.68E-01	2.07E-01
5419	487960.5	3857044.75	2.64346	4.03904	2.98887	4.06E-02	2.94E-04	8.02E-02	0.121021	4.14E-02	2.89E-04	8.92E-02	0.130901	3.94E-02	3.67E-04	1.71E-01	2.11E-01
5420	488016.54	3857089.54	2.63534	4.20737	2.97226	4.04E-02	3.06E-04	7.97E-02	0.120463	4.13E-02	3.01E-04	8.87E-02	0.130291	3.93E-02	3.83E-04	1.70E-01	2.10E-01
5421	488114.39	3857165.47	2.63448	4.37425	2.9918	4.04E-02	3.18E-04	8.02E-02	0.120986	4.13E-02	3.13E-04	8.93E-02	0.130872	3.92E-02	3.98E-04	1.71E-01	2.11E-01
5422	488171.49	3857234.24	2.63759	4.63272	3.01985	4.05E-02	3.37E-04	8.10E-02	0.121805	4.14E-02	3.32E-04	9.01E-02	0.131776	3.93E-02	4.21E-04	1.73E-01	2.13E-01
5423	488193.16	3857297.8	2.6941	4.85372	3.0813	4.13E-02	3.53E-04	8.26E-02	0.124337	4.22E-02	3.48E-04	9.19E-02	0.134511	4.01E-02	4.42E-04	1.77E-01	2.17E-01
5424	488189.27	3857649.94	2.96898	5.48952	3.5975	4.56E-02	4.00E-04	9.65E-02	0.142446	4.66E-02	3.93E-04	1.07E-01	0.154266	4.42E-02	4.99E-04	2.06E-01	2.51E-01
5425	488127.43	3857732.32	3.17424	4.8399	3.81884	4.87E-02	3.52E-04	1.02E-01	0.151485	4.98E-02	3.47E-04	1.14E-01	0.164041	4.73E-02	4.40E-04	2.19E-01	2.66E-01
5426	488149.93	3857752.94	3.15767	4.53638	3.78484	4.85E-02	3.30E-04	1.02E-01	0.150296	4.95E-02	3.25E-04	1.13E-01	0.162745	4.70E-02	4.13E-04	2.17E-01	2.64E-01
5427	488144.76	3857758.71	3.18152	4.46831	3.81018	4.88E-02	3.25E-04	1.02E-01	0.151337	4.99E-02	3.20E-04	1.14E-01	0.16387	4.74E-02	4.06E-04	2.18E-01	2.66E-01
5428	488335.58	3857932.55	3.09893	3.00509	3.52215	4.76E-02	2.19E-04	9.45E-02	0.142238	4.86E-02	2.15E-04	1.05E-01	0.153878	4.62E-02	2.73E-04	2.02E-01	2.48E-01
5429	488372.29	3857943.79	3.03608	2.90385	3.43124	4.66E-02	2.11E-04	9.20E-02	0.138828	4.76E-02	2.08E-04	1.02E-01	0.150173	4.52E-02	2.64E-04	1.97E-01	2.42E-01
5430	488828.64	3857936.4	2.28695	2.4116	2.64106	3.51E-02	1.76E-04	7.08E-02	0.106104	3.59E-02	1.73E-04	7.88E-02	0.114819	3.41E-02	2.19E-04	1.51E-01	1.86E-01
5431	488829.08	3857959.58	2.28683	2.24979	2.64504	3.51E-02	1.64E-04	7.09E-02	0.106197	3.59E-02	1.61E-04	7.89E-02	0.114924	3.41E-02	2.05E-04	1.52E-01	1.86E-01
5432	488351.61	3857964.55	3.0706	2.82691	3.5323	4.71E-02	2.06E-04	9.47E-02	0.142063	4.81E-02	2.03E-04	1.05E-01	0.153724	4.57E-02	2.57E-04	2.02E-01	2.48E-01
5433	488316.87	3857947.65	3.13103	2.98398	3.61054	4.80E-02	2.17E-04	9.68E-02	0.1451	4.91E-02	2.14E-04	1.08E-01	0.157016	4.66E-02	2.71E-04	2.07E-01	2.54E-01
5434	488129.1	3857775.77	3.25657	4.3657	3.88412	5.00E-02	3.18E-04	1.04E-01	0.154464	5.11E-02	3.13E-04	1.16E-01	0.167245	4.85E-02	3.97E-04	2.23E-01	2.71E-01
5435	488062.53	3857846.13	3.58986	4.0429	4.21484	5.51E-02	2.94E-04	1.13E-01	0.168425	5.63E-02	2.90E-04	1.26E-01	0.182314	5.35E-02	3.68E-04	2.41E-01	2.95E-01
5436	488330.41	3858091.34	3.21707	3.12017	3.79245	4.94E-02	2.27E-04	1.02E-01	0.151309	5.04E-02	2.24E-04	1.13E-01	0.163802	4.79E-02	2.84E-04	2.17E-01	2.65E-01
5437	488470.87	3858174.45	3.00687	2.75817	3.48459	4.61E-02	2.01E-04	9.35E-02	0.1398	4.71E-02	1.98E-04	1.04E-01	0.151296	4.48E-02	2.51E-04	2.00E-01	2.45E-01
5438	488568.9	3858262.31	2.85656	2.40312	3.21572	4.38E-02	1.75E-04	8.62E-02	0.130257	4.48E-02	1.72E-04	9.59E-02	0.140893	4.26E-02	2.19E-04	1.84E-01	2.27E-01
5439	488964.27	3858025.71	2.16616	2.0998	2.46219	3.32E-02	1.53E-04	6.60E-02	0.09943	3.40E-02	1.50E-04	7.35E-02	0.107567	3.23E-02	1.91E-04	1.41E-01	1.74E-01
5440	489147.25	3857956.64	2.00996	2.24324	2.27629	3.08E-02	1.63E-04	6.11E-02	0.092058	3.15E-02	1.61E-04	6.79E-02	0.099582	2.99E-02	2.04E-04	1.30E-01	1.61E-01
5441	489343.52	3857932.45	1.88041	2.22474	2.10716	2.89E-02	1.62E-04	5.65E-02	0.085532	2.95E-02	1.59E-04	6.29E-02	0.092504	2.80E-02	2.02E-04	1.21E-01	1.49E-01
5442	489866.19	3857923.19	1.55373	1.78043	1.76533	2.38E-02	1.30E-04	4.73E-02	0.071319	2.44E-02	1.28E-04	5.27E-02	0.077153	2.31E-02	1.62E-04	1.01E-01	1.24E-01
5443	489955.65	3857902.27	1.49773	1.7635	1.71956	2.30E-02	1.28E-04	4.61E-02	0.069231	2.35E-02	1.26E-04	5.13E-02	0.074908	2.23E-02	1.60E-04	9.85E-02	1.21E-01
5444	490079.44	3857847.9	1.44792	1.7144	1.66492	2.22E-02	1.25E-04	4.47E-02	0.066997	2.27E-02	1.23E-04	4.97E-02	0.072493	2.16E-02	1.56E-04	9.54E-02	1.17E-01
5445	490108.49	3857934.13	1.4111	1.64416	1.63578	2.17E-02	1.20E-04	4.39E-02	0.065646	2.21E-02	1.18E-04	4.88E-02	0.071042	2.10E-02	1.50E-04	9.37E-02	1.15E-01
5446	489884.48	3858014.17	1.50221	1.74567	1.78061	2.31E-02	1.27E-04	4.78E-02	0.070936	2.36E-02	1.25E-04	5.31E-02	0.076798	2.24E-02	1.59E-04	1.02E-01	1.25E-01
5447	489326.56	3858025.86	1.8906	1.93968	2.13567	2.90E-02	1.41E-04	5.73E-02	0.086432	2.96E-02	1.39E-04	6.37E-02	0.093494	2.82E-02	1.76E-04	1.22E-01	1.51E-01
5448	489130.38	3858056.71	2.02147	1.92729	2.33014	3.10E-02	1.40E-04	6.25E-02	0.093656	3.17E-02	1.38E-04	6.95E-02	0.101346	3.01E-02	1.75E-04	1.33E-01	1.64E-01

5449	488936.49	3858143.93	2.20734	1.85577	2.57529	3.39E-02	1.35E-04	6.91E-02	0.103078	3.46E-02	1.33E-04	7.68E-02	0.111569	3.29E-02	1.69E-04	1.48E-01	1.81E-01
5450	488638.08	3858327.45	2.63228	2.29688	3.0431	4.04E-02	1.67E-04	8.16E-02	0.122177	4.13E-02	1.65E-04	9.08E-02	0.132219	3.92E-02	2.09E-04	1.74E-01	2.14E-01
5451	488663.79	3858349.57	2.55271	2.22143	2.89544	3.92E-02	1.62E-04	7.77E-02	0.116991	4.00E-02	1.59E-04	8.64E-02	0.126561	3.80E-02	2.02E-04	1.66E-01	2.04E-01
5452	488694.56	3858349.5	2.50007	2.24216	2.8311	3.84E-02	1.63E-04	7.59E-02	0.114459	3.92E-02	1.61E-04	8.45E-02	0.123818	3.72E-02	2.04E-04	1.62E-01	2.00E-01
5453	488694.35	3858336.75	2.51908	2.24812	2.88453	3.87E-02	1.64E-04	7.74E-02	0.116184	3.95E-02	1.61E-04	8.61E-02	0.12571	3.75E-02	2.04E-04	1.65E-01	2.03E-01
5454	488712.81	3858336.38	2.49224	2.20241	2.84832	3.82E-02	1.60E-04	7.64E-02	0.114797	3.91E-02	1.58E-04	8.50E-02	0.124206	3.71E-02	2.00E-04	1.63E-01	2.00E-01
5455	488713.23	3858367.46	2.44138	2.18107	2.76184	3.75E-02	1.59E-04	7.41E-02	0.111696	3.83E-02	1.56E-04	8.24E-02	0.120827	3.64E-02	1.98E-04	1.58E-01	1.95E-01
5456	488704.63	3858384.05	2.42493	2.0976	2.79751	3.72E-02	1.53E-04	7.50E-02	0.112394	3.80E-02	1.50E-04	8.35E-02	0.121627	3.61E-02	1.91E-04	1.60E-01	1.97E-01
5457	488604.15	3858488.29	2.95493	1.93547	3.19271	4.53E-02	1.41E-04	8.56E-02	0.131115	4.63E-02	1.39E-04	9.52E-02	0.141715	4.40E-02	1.76E-04	1.83E-01	2.27E-01
5458	488605.66	3858550.47	3.08403	1.75243	2.94091	4.73E-02	1.28E-04	7.89E-02	0.126329	4.84E-02	1.26E-04	8.77E-02	0.136215	4.59E-02	1.59E-04	1.68E-01	2.15E-01
5459	488692.68	3858548.71	2.81855	1.77514	2.8909	4.33E-02	1.29E-04	7.75E-02	0.120916	4.42E-02	1.27E-04	8.62E-02	0.130562	4.20E-02	1.61E-04	1.66E-01	2.08E-01
5460	488759.93	3858461.81	2.4049	1.827	2.74408	3.69E-02	1.33E-04	7.36E-02	0.110634	3.77E-02	1.31E-04	8.19E-02	0.1197	3.58E-02	1.66E-04	1.57E-01	1.93E-01
5461	488816.57	3858541.79	2.46664	1.77871	2.74521	3.79E-02	1.29E-04	7.36E-02	0.111608	3.87E-02	1.27E-04	8.19E-02	0.120698	3.67E-02	1.62E-04	1.57E-01	1.94E-01
5462	488944.63	3858656.77	2.44502	1.63025	2.40767	3.75E-02	1.19E-04	6.46E-02	0.102213	3.83E-02	1.17E-04	7.18E-02	0.110279	3.64E-02	1.48E-04	1.38E-01	1.74E-01
5463	489134.91	3858830.7	2.12428	1.3048	1.84188	3.26E-02	9.50E-05	4.94E-02	0.082093	3.33E-02	9.35E-05	5.49E-02	0.088348	3.16E-02	1.19E-04	1.06E-01	1.37E-01
5464	489193.99	3858886.05	2.01678	1.22067	1.73068	3.09E-02	8.89E-05	4.64E-02	0.077454	3.16E-02	8.75E-05	5.16E-02	0.083339	3.00E-02	1.11E-04	9.91E-02	1.29E-01
5465	489295.2	3858954.34	1.82314	1.16309	1.64249	2.80E-02	8.47E-05	4.41E-02	0.072113	2.86E-02	8.33E-05	4.90E-02	0.077668	2.72E-02	1.06E-04	9.41E-02	1.21E-01
5466	489295.64	3858992.74	1.78422	1.18816	1.66093	2.74E-02	8.65E-05	4.45E-02	0.072013	2.80E-02	8.51E-05	4.95E-02	0.07761	2.66E-02	1.08E-04	9.51E-02	1.22E-01
5467	489183.74	3858911.72	2.04254	1.24378	1.75176	3.13E-02	9.05E-05	4.70E-02	0.078417	3.20E-02	8.91E-05	5.23E-02	0.084373	3.04E-02	1.13E-04	1.00E-01	1.31E-01
5468	488873.37	3858625.59	2.54341	1.68581	2.52537	3.90E-02	1.23E-04	6.77E-02	0.106883	3.99E-02	1.21E-04	7.53E-02	0.115337	3.79E-02	1.53E-04	1.45E-01	1.83E-01
5469	488842.84	3858658.69	2.64472	1.5379	2.39578	4.06E-02	1.12E-04	6.43E-02	0.104952	4.15E-02	1.10E-04	7.15E-02	0.113049	3.94E-02	1.40E-04	1.37E-01	1.77E-01
5470	488856.39	3858670.93	2.6291	1.51984	2.35055	4.03E-02	1.11E-04	6.30E-02	0.103498	4.12E-02	1.09E-04	7.01E-02	0.111453	3.92E-02	1.38E-04	1.35E-01	1.74E-01
5471	488805.7	3858724.5	2.7741	1.54697	2.20243	4.26E-02	1.13E-04	5.91E-02	0.101752	4.35E-02	1.11E-04	6.57E-02	0.10931	4.13E-02	1.41E-04	1.26E-01	1.68E-01
5472	488805.87	3858804.16	3.28318	1.60882	2.20566	5.04E-02	1.17E-04	5.92E-02	0.109655	5.15E-02	1.15E-04	6.58E-02	0.117393	4.89E-02	1.46E-04	1.26E-01	1.75E-01
5473	488995.78	3858936.96	2.59853	1.43926	1.84973	3.99E-02	1.05E-04	4.96E-02	0.08959	4.07E-02	1.03E-04	5.52E-02	0.096028	3.87E-02	1.31E-04	1.06E-01	1.45E-01
5474	489130.76	3859017.38	2.11614	1.34662	1.66594	3.25E-02	9.80E-05	4.47E-02	0.077252	3.32E-02	9.65E-05	4.97E-02	0.082975	3.15E-02	1.22E-04	9.54E-02	1.27E-01
5475	489130.92	3859052.24	2.1381	1.31292	1.69407	3.28E-02	9.56E-05	4.54E-02	0.078341	3.35E-02	9.41E-05	5.05E-02	0.084156	3.19E-02	1.19E-04	9.70E-02	1.29E-01
5476	489200.33	3859090.6	1.96638	1.2786	1.61763	3.02E-02	9.31E-05	4.34E-02	0.073653	3.08E-02	9.16E-05	4.83E-02	0.07918	2.93E-02	1.16E-04	9.27E-02	1.22E-01
5477	489296.07	3859143.7	1.76949	1.23191	1.51718	2.72E-02	8.97E-05	4.07E-02	0.067934	2.77E-02	8.83E-05	4.53E-02	0.073093	2.64E-02	1.12E-04	8.69E-02	1.13E-01
5478	489296.43	3858954.74	1.82072	1.1622	1.64129	2.79E-02	8.46E-05	4.40E-02	0.072044	2.85E-02	8.33E-05	4.90E-02	0.077594	2.71E-02	1.06E-04	9.40E-02	1.21E-01
5479	489410.33	3859033.19	1.60181	1.1135	1.56516	2.46E-02	8.11E-05	4.20E-02	0.066639	2.51E-02	7.98E-05	4.67E-02	0.071887	2.39E-02	1.01E-04	8.97E-02	1.14E-01
5480	489371.37	3859089.8	1.67682	1.16363	1.58371	2.57E-02	8.47E-05	4.25E-02	0.068292	2.63E-02	8.34E-05	4.72E-02	0.07362	2.50E-02	1.06E-04	9.07E-02	1.16E-01
5481	489390.52	3859102.82	1.6584	1.15481	1.56568	2.54E-02	8.41E-05	4.20E-02	0.067525	2.60E-02	8.27E-05	4.67E-02	0.072793	2.47E-02	1.05E-04	8.97E-02	1.14E-01
5482	489382.3	3859114.53	1.68445	1.15671	1.55963	2.58E-02	8.42E-05	4.18E-02	0.067762	2.64E-02	8.29E-05	4.65E-02	0.073021	2.51E-02	1.05E-04	8.93E-02	1.15E-01
5483	489363.04	3859102.45	1.70494	1.16557	1.57772	2.62E-02	8.48E-05	4.23E-02	0.068563	2.67E-02	8.35E-05	4.71E-02	0.073883	2.54E-02	1.06E-04	9.04E-02	1.16E-01
5484	489337.52	3859140.71	1.75851	1.18421	1.44201	2.70E-02	8.62E-05	3.87E-02	0.065746	2.76E-02	8.49E-05	4.30E-02	0.070675	2.62E-02	1.08E-04	8.26E-02	1.09E-01
5485	489375.14	3859164.55	1.70803	1.15994	1.40573	2.62E-02	8.44E-05	3.77E-02	0.063997	2.68E-02	8.31E-05	4.19E-02	0.0688	2.54E-02	1.06E-04	8.05E-02	1.06E-01
5486	489409.3	3859114.5	1.64046	1.14634	1.5491	2.52E-02	8.34E-05	4.15E-02	0.066804	2.57E-02	8.21E-05	4.62E-02	0.072016	2.44E-02	1.04E-04	8.87E-02	1.13E-01
5487	489434.87	3859131.81	1.62027	1.13549	1.52689	2.49E-02	8.27E-05	4.10E-02	0.065898	2.54E-02	8.14E-05	4.56E-02	0.071036	2.41E-02	1.03E-04	8.75E-02	1.12E-01
5488	489471.87	3859075.75	1.52245	1.08375	1.52438	2.34E-02	7.89E-05	4.09E-02	0.064326	2.39E-02	7.77E-05	4.55E-02	0.069424	2.27E-02	9.86E-05	8.73E-02	1.10E-01
5489	489602.62	3859164.69	1.42661	1.03209	1.43507	2.19E-02	7.51E-05	3.85E-02	0.060456	2.24E-02	7.40E-05	4.28E-02	0.065253	2.13E-02	9.39E-05	8.22E-02	1.04E-01
5490	489558.29	3859232.45	1.52834	1.07634	1.40151	2.35E-02	7.83E-05	3.76E-02	0.06112	2.40E-02	7.71E-05	4.18E-02	0.06585	2.28E-02	9.79E-05	8.03E-02	1.03E-01
5491	489620.11	3859273.56	1.46576	1.04956	1.3366	2.25E-02	7.64E-05	3.58E-02	0.058417	2.30E-02	7.52E-05	3.99E-02	0.062931	2.18E-02	9.55E-05	7.66E-02	9.85E-02
5492	489666.06	3859206.42	1.38992	1.00608	1.39124	2.13E-02	7.32E-05	3.73E-02	0.058716	2.18E-02	7.21E-05	4.15E-02	0.063369	2.07E-02	9.15E-05	7.97E-02	1.00E-01
5493	489787.9	3859285.65	1.32692	0.95962	1.31227	2.04E-02	6.99E-05	3.52E-02	0.055627	2.08E-02	6.88E-05	3.91E-02	0.060022	1.98E-02	8.73E-05	7.52E-02	9.50E-02
5494	489752.17	3859343.13	1.35976	1.00244	1.26725	2.09E-02	7.30E-05	3.40E-02	0.054927	2.13E-02	7.18E-05	3.78E-02	0.059197	2.03E-02	9.12E-05	7.26E-02	9.29E-02
5495	489814.94	3859385.33	1.30839	0.97245	1.22097	2.01E-02	7.08E-05	3.27E-02	0.052895	2.05E-02	6.97E-05	3.64E-02	0.057008	1.95E-02	8.85E-05	6.99E-02	8.95E-02

5496	489853.42	3859330.74	1.29423	0.94085	1.26961	1.99E-02	6.85E-05	3.41E-02	0.05398	2.03E-02	6.74E-05	3.79E-02	0.058235	1.93E-02	8.56E-05	7.27E-02	9.21E-02
5497	489969.5	3859401.91	1.23024	0.90388	1.20264	1.89E-02	6.58E-05	3.23E-02	0.051199	1.93E-02	6.48E-05	3.59E-02	0.055231	1.83E-02	8.22E-05	6.89E-02	8.73E-02
5498	490166.91	3859486.96	1.116	0.84664	1.11975	1.71E-02	6.16E-05	3.00E-02	0.047219	1.75E-02	6.07E-05	3.34E-02	0.050963	1.66E-02	7.70E-05	6.41E-02	8.08E-02
5499	490128.86	3859571.46	1.08665	0.87117	1.03929	1.67E-02	6.34E-05	2.79E-02	0.044613	1.70E-02	6.24E-05	3.10E-02	0.048105	1.62E-02	7.92E-05	5.95E-02	7.58E-02
5500	490186.65	3859593.65	1.06656	0.86711	1.02591	1.64E-02	6.31E-05	2.75E-02	0.043945	1.67E-02	6.21E-05	3.06E-02	0.04739	1.59E-02	7.89E-05	5.88E-02	7.47E-02
5501	490223.74	3859517.48	1.09065	0.82923	1.09592	1.67E-02	6.04E-05	2.94E-02	0.04619	1.71E-02	5.94E-05	3.27E-02	0.049854	1.62E-02	7.54E-05	6.28E-02	7.91E-02
5502	490846.34	3859817.22	0.90683	0.71039	0.91935	1.39E-02	5.17E-05	2.47E-02	0.038625	1.42E-02	5.09E-05	2.74E-02	0.041696	1.35E-02	6.46E-05	5.27E-02	6.62E-02
5503	490925.65	3859844.59	0.8862	0.71033	0.90648	1.36E-02	5.17E-05	2.43E-02	0.037963	1.39E-02	5.09E-05	2.70E-02	0.040988	1.32E-02	6.46E-05	5.19E-02	6.52E-02
5504	491159.29	3859896.28	0.83998	0.68235	0.87957	1.29E-02	4.97E-05	2.36E-02	0.03653	1.32E-02	4.89E-05	2.62E-02	0.039459	1.25E-02	6.21E-05	5.04E-02	6.30E-02
5505	491370.69	3859960.89	0.79781	0.648	0.84481	1.22E-02	4.72E-05	2.27E-02	0.034948	1.25E-02	4.64E-05	2.52E-02	0.037758	1.19E-02	5.89E-05	4.84E-02	6.03E-02
5506	491330.28	3860063.17	0.76219	0.6311	0.78497	1.17E-02	4.59E-05	2.11E-02	0.032795	1.20E-02	4.52E-05	2.34E-02	0.035413	1.14E-02	5.74E-05	4.50E-02	5.64E-02
5507	491636.45	3860180.75	0.71041	0.61284	0.74555	1.09E-02	4.46E-05	2.00E-02	0.030942	1.11E-02	4.39E-05	2.22E-02	0.033424	1.06E-02	5.57E-05	4.27E-02	5.33E-02
5508	491617.94	3860203.93	0.70975	0.6048	0.73632	1.09E-02	4.40E-05	1.97E-02	0.030684	1.11E-02	4.33E-05	2.20E-02	0.033138	1.06E-02	5.50E-05	4.22E-02	5.28E-02
5509	491805.68	3860271.59	0.68104	0.59102	0.71489	1.05E-02	4.30E-05	1.92E-02	0.029667	1.07E-02	4.23E-05	2.13E-02	0.032047	1.01E-02	5.38E-05	4.10E-02	5.12E-02
5510	491654.23	3860414.02	0.61939	0.55354	0.67715	9.50E-03	4.03E-05	1.82E-02	0.027706	9.71E-03	3.97E-05	2.02E-02	0.029952	9.23E-03	5.04E-05	3.88E-02	4.81E-02
5511	491592.62	3860510.76	0.5365	0.57181	0.62186	8.23E-03	4.16E-05	1.67E-02	0.024953	8.41E-03	4.10E-05	1.86E-02	0.027004	7.99E-03	5.20E-05	3.56E-02	4.37E-02
5512	491475.41	3860368.93	0.60253	0.56743	0.65568	9.25E-03	4.13E-05	1.76E-02	0.026873	9.45E-03	4.07E-05	1.96E-02	0.029048	8.98E-03	5.16E-05	3.76E-02	4.66E-02
5513	491445.61	3860337.28	0.61989	0.57356	0.67412	9.51E-03	4.18E-05	1.81E-02	0.027634	9.72E-03	4.11E-05	2.01E-02	0.029871	9.23E-03	5.22E-05	3.86E-02	4.79E-02
5514	491399.05	3860300.37	0.63899	0.58442	0.69368	9.81E-03	4.25E-05	1.86E-02	0.028453	1.00E-02	4.19E-05	2.07E-02	0.030755	9.52E-03	5.32E-05	3.97E-02	4.93E-02
5515	491228.84	3860235.98	0.64897	0.61338	0.69011	9.96E-03	4.46E-05	1.85E-02	0.028512	1.02E-02	4.40E-05	2.06E-02	0.030807	9.67E-03	5.58E-05	3.95E-02	4.93E-02
5516	491228.47	3860174.57	0.70183	0.61974	0.74462	1.08E-02	4.51E-05	2.00E-02	0.030786	1.10E-02	4.44E-05	2.22E-02	0.033262	1.05E-02	5.64E-05	4.27E-02	5.32E-02
5517	491145.77	3860112.55	0.73732	0.63423	0.76434	1.13E-02	4.62E-05	2.05E-02	0.03186	1.16E-02	4.54E-05	2.28E-02	0.034408	1.10E-02	5.77E-05	4.38E-02	5.48E-02
5518	490844.41	3859966.22	0.81301	0.70896	0.84022	1.25E-02	5.16E-05	2.25E-02	0.035062	1.27E-02	5.08E-05	2.51E-02	0.037864	1.21E-02	6.45E-05	4.81E-02	6.03E-02
5519	490845.55	3859928.15	0.84292	0.70061	0.8348	1.29E-02	5.10E-05	2.24E-02	0.035375	1.32E-02	5.02E-05	2.49E-02	0.03817	1.26E-02	6.37E-05	4.78E-02	6.04E-02
5520	490046.91	3859625.6	0.96406	0.89728	1.04343	1.48E-02	6.53E-05	2.80E-02	0.042844	1.51E-02	6.43E-05	3.11E-02	0.046308	1.44E-02	8.16E-05	5.98E-02	7.42E-02
5521	489970.48	3859589.4	1.00652	0.91665	1.09338	1.54E-02	6.67E-05	2.93E-02	0.044837	1.58E-02	6.57E-05	3.26E-02	0.048465	1.50E-02	8.34E-05	6.26E-02	7.77E-02
5522	489865.89	3859529.06	1.06192	0.948	1.1419	1.63E-02	6.90E-05	3.06E-02	0.046991	1.66E-02	6.79E-05	3.41E-02	0.050783	1.58E-02	8.62E-05	6.54E-02	8.13E-02
5523	489826.89	3859531.74	1.0714	0.95974	1.16055	1.64E-02	6.99E-05	3.11E-02	0.047637	1.68E-02	6.88E-05	3.46E-02	0.051489	1.60E-02	8.73E-05	6.65E-02	8.25E-02
5524	489410.47	3859303.06	1.36222	1.10207	1.43644	2.09E-02	8.02E-05	3.85E-02	0.05951	2.14E-02	7.90E-05	4.29E-02	0.06429	2.03E-02	1.00E-04	8.23E-02	1.03E-01
5525	489407.15	3859286.09	1.37841	1.10564	1.43236	2.12E-02	8.05E-05	3.84E-02	0.059649	2.16E-02	7.92E-05	4.27E-02	0.064422	2.05E-02	1.01E-04	8.21E-02	1.03E-01
5526	488806.07	3858963.62	2.57169	1.50694	2.07527	3.95E-02	1.10E-04	5.57E-02	0.095232	4.03E-02	1.08E-04	6.19E-02	0.10234	3.83E-02	1.37E-04	1.19E-01	1.57E-01
5527	488817.64	3859546.3	1.2711	1.11464	1.47153	1.95E-02	8.11E-05	3.95E-02	0.059054	1.99E-02	7.99E-05	4.39E-02	0.063909	1.89E-02	1.01E-04	8.43E-02	1.03E-01
5528	489187.25	3859549.52	1.25836	1.13259	1.45558	1.93E-02	8.24E-05	3.90E-02	0.058432	1.97E-02	8.12E-05	4.34E-02	0.063234	1.87E-02	1.03E-04	8.34E-02	1.02E-01
5529	489187.66	3859523.74	1.23858	1.14611	1.48506	1.90E-02	8.34E-05	3.98E-02	0.05892	1.94E-02	8.21E-05	4.43E-02	0.063805	1.85E-02	1.04E-04	8.51E-02	1.04E-01
5530	489232.59	3859522.85	1.2249	1.15037	1.48758	1.88E-02	8.37E-05	3.99E-02	0.058778	1.92E-02	8.24E-05	4.44E-02	0.063666	1.82E-02	1.05E-04	8.52E-02	1.04E-01
5531	489224.98	3859759.91	1.15026	1.11079	1.2981	1.77E-02	8.09E-05	3.48E-02	0.052547	1.80E-02	7.96E-05	3.87E-02	0.05684	1.71E-02	1.01E-04	7.44E-02	9.16E-02
5532	488401.39	3859763.34	0.94877	0.91678	1.10715	1.46E-02	6.67E-05	2.97E-02	0.04432	1.49E-02	6.57E-05	3.30E-02	0.04797	1.41E-02	8.34E-05	6.34E-02	7.76E-02
5533	488405.51	3859966.16	0.85404	0.90268	0.96452	1.31E-02	6.57E-05	2.59E-02	0.03904	1.34E-02	6.47E-05	2.88E-02	0.042229	1.27E-02	8.21E-05	5.53E-02	6.81E-02
5534	489202.85	3859956.57	1.01543	0.92262	1.13895	1.56E-02	6.72E-05	3.05E-02	0.046196	1.59E-02	6.61E-05	3.40E-02	0.049965	1.51E-02	8.39E-05	6.52E-02	8.05E-02
5535	489191.9	3860676.74	0.641	0.62982	0.80146	9.84E-03	4.58E-05	2.15E-02	0.031378	1.01E-02	4.51E-05	2.39E-02	0.034005	9.55E-03	5.73E-05	4.59E-02	5.55E-02
5536	488392.82	3860687.88	0.63305	0.61206	0.73006	9.71E-03	4.46E-05	1.96E-02	0.029339	9.93E-03	4.39E-05	2.18E-02	0.031749	9.43E-03	5.57E-05	4.18E-02	5.13E-02
5537	488392.82	3860760.27	0.62846	0.60323	0.71906	9.64E-03	4.39E-05	1.93E-02	0.028973	9.85E-03	4.32E-05	2.15E-02	0.031348	9.36E-03	5.49E-05	4.12E-02	5.06E-02
5538	487549.05	3860777.45	0.52526	0.65255	0.60303	8.06E-03	4.75E-05	1.62E-02	0.024281	8.24E-03	4.68E-05	1.80E-02	0.026272	7.82E-03	5.94E-05	3.45E-02	4.24E-02
5539	487554.62	3859571.83	0.98238	0.93873	1.043	1.51E-02	6.83E-05	2.80E-02	0.043117	1.54E-02	6.73E-05	3.11E-02	0.046585	1.46E-02	8.54E-05	5.97E-02	7.45E-02
5540	485949.46	3859558.54	0.79576	1.11885	0.79085	1.22E-02	8.14E-05	2.12E-02	0.033503	1.25E-02	8.02E-05	2.36E-02	0.03615	1.19E-02	1.02E-04	4.53E-02	5.73E-02
5541	485947.55	3857943.61	2.70707	3.80663	2.74092	4.15E-02	2.77E-04	7.35E-02	0.11533	4.24E-02	2.73E-04	8.18E-02	0.124485	4.03E-02	3.46E-04	1.57E-01	1.98E-01
5542	484738.38	3857940.21	1.63962	1.37433	1.6849	2.52E-02	1.00E-04	4.52E-02	0.07045	2.57E-02	9.85E-05	5.03E-02	0.076071	2.44E-02	1.25E-04	9.65E-02	1.21E-01

5543	484737.06	3857535.68	2.05375	1.67531	2.02423	3.15E-02	1.22E-04	5.43E-02	0.085928	3.22E-02	1.20E-04	6.04E-02	0.092709	3.06E-02	1.52E-04	1.16E-01	1.47E-01
5544	483730.2	3857530.13	1.59511	1.43767	1.60854	2.45E-02	1.05E-04	4.31E-02	0.067724	2.50E-02	1.03E-04	4.80E-02	0.073099	2.38E-02	1.31E-04	9.21E-02	1.16E-01
5545	483727.27	3857130.01	1.84795	1.56717	1.89844	2.84E-02	1.14E-04	5.09E-02	0.079388	2.90E-02	1.12E-04	5.66E-02	0.085721	2.75E-02	1.43E-04	1.09E-01	1.36E-01
5546	483124.42	3857123.45	1.57951	1.61003	1.60934	2.42E-02	1.17E-04	4.32E-02	0.067518	2.48E-02	1.15E-04	4.80E-02	0.072891	2.35E-02	1.46E-04	9.22E-02	1.16E-01
5547	483111.13	3855921.03	2.42679	4.71887	2.62875	3.72E-02	3.43E-04	7.05E-02	0.108087	3.80E-02	3.38E-04	7.84E-02	0.11681	3.62E-02	4.29E-04	1.51E-01	1.87E-01
5548	482701.73	3855918.24	2.06522	4.4218	2.15566	3.17E-02	3.22E-04	5.78E-02	0.089829	3.24E-02	3.17E-04	6.43E-02	0.097006	3.08E-02	4.02E-04	1.23E-01	1.55E-01
5549	482668.02	3853521.78	1.8365	3.01876	2.06304	2.82E-02	2.20E-04	5.53E-02	0.083733	2.88E-02	2.16E-04	6.15E-02	0.090556	2.74E-02	2.75E-04	1.18E-01	1.46E-01
5550	482579.91	3853219.19	1.3111	2.38814	1.42023	2.01E-02	1.74E-04	3.81E-02	0.058384	2.06E-02	1.71E-04	4.24E-02	0.063097	1.95E-02	2.17E-04	8.14E-02	1.01E-01
5551	482434.06	3852961.94	1.07456	2.02238	1.23804	1.65E-02	1.47E-04	3.32E-02	0.049841	1.68E-02	1.45E-04	3.69E-02	0.053927	1.60E-02	1.84E-04	7.09E-02	8.71E-02
5552	482332.11	3852832.85	1.00131	1.85464	1.17431	1.54E-02	1.35E-04	3.15E-02	0.046996	1.57E-02	1.33E-04	3.50E-02	0.050865	1.49E-02	1.69E-04	6.73E-02	8.24E-02
5553	481334.99	3851818.96	0.65226	1.16003	0.75856	1.00E-02	8.44E-05	2.03E-02	0.030438	1.02E-02	8.31E-05	2.26E-02	0.03294	9.72E-03	1.06E-04	4.35E-02	5.33E-02
5554	481127.62	3851646.36	0.63199	1.03627	0.73887	9.70E-03	7.54E-05	1.98E-02	0.02959	9.91E-03	7.43E-05	2.20E-02	0.032026	9.41E-03	9.43E-05	4.23E-02	5.18E-02
5555	481025.04	3851591.73	0.63268	1.00366	0.73584	9.71E-03	7.31E-05	1.97E-02	0.029517	9.92E-03	7.19E-05	2.20E-02	0.031944	9.43E-03	9.13E-05	4.22E-02	5.17E-02
5556	480513.6	3851335.76	0.57769	1.0629	0.77395	8.86E-03	7.74E-05	2.08E-02	0.0297	9.06E-03	7.62E-05	2.31E-02	0.032223	8.61E-03	9.67E-05	4.43E-02	5.30E-02
5557	480523.56	3851317.66	0.57079	1.06061	0.75545	8.76E-03	7.72E-05	2.03E-02	0.029098	8.95E-03	7.60E-05	2.25E-02	0.031562	8.50E-03	9.65E-05	4.33E-02	5.19E-02
5558	476921.56	3849569.11	0.34294	0.48351	0.39641	5.26E-03	3.52E-05	1.06E-02	0.01593	5.38E-03	3.46E-05	1.18E-02	0.017237	5.11E-03	4.40E-05	2.27E-02	2.79E-02
5559	476521.19	3849373.96	0.35228	0.44069	0.39201	5.41E-03	3.21E-05	1.05E-02	0.015952	5.52E-03	3.16E-05	1.17E-02	0.01725	5.25E-03	4.01E-05	2.25E-02	2.77E-02
5560	476391.45	3849333.38	0.33652	0.42954	0.35291	5.16E-03	3.13E-05	9.47E-03	0.01466	5.28E-03	3.08E-05	1.05E-02	0.015835	5.01E-03	3.91E-05	2.02E-02	2.53E-02
5561	476219.41	3849304.29	0.32258	0.39212	0.36489	4.95E-03	2.85E-05	9.79E-03	0.014765	5.06E-03	2.81E-05	1.09E-02	0.015971	4.81E-03	3.57E-05	2.09E-02	2.57E-02
5562	475679.11	3849218.47	0.29363	0.40226	0.30767	4.51E-03	2.93E-05	8.25E-03	0.012787	4.60E-03	2.88E-05	9.18E-03	0.013811	4.37E-03	3.66E-05	1.76E-02	2.20E-02
5563	475677.71	3849233.88	0.29331	0.42101	0.32005	4.50E-03	3.06E-05	8.58E-03	0.013115	4.60E-03	3.02E-05	9.55E-03	0.014177	4.37E-03	3.83E-05	1.83E-02	2.27E-02
5564	475492.74	3849204.66	0.25387	0.36162	0.28727	3.90E-03	2.63E-05	7.70E-03	0.011627	3.98E-03	2.59E-05	8.57E-03	0.012576	3.78E-03	3.29E-05	1.65E-02	2.03E-02
5565	475497.64	3849158.75	0.26262	0.38672	0.29668	4.03E-03	2.82E-05	7.96E-03	0.012015	4.12E-03	2.77E-05	8.85E-03	0.012996	3.91E-03	3.52E-05	1.70E-02	2.09E-02
5566	475391.35	3849141.94	0.27983	0.40692	0.33116	4.29E-03	2.96E-05	8.88E-03	0.013206	4.39E-03	2.92E-05	9.88E-03	0.014296	4.17E-03	3.70E-05	1.90E-02	2.32E-02
5567	475277	3849095.47	0.29342	0.40301	0.34698	4.50E-03	2.93E-05	9.31E-03	0.013838	4.60E-03	2.89E-05	1.04E-02	0.014981	4.37E-03	3.67E-05	1.99E-02	2.43E-02
5568	475183.93	3849025.66	0.28851	0.39938	0.33751	4.43E-03	2.91E-05	9.05E-03	0.013508	4.52E-03	2.86E-05	1.01E-02	0.014621	4.30E-03	3.63E-05	1.93E-02	2.37E-02
5569	474453.23	3848378.77	0.23899	0.33639	0.27432	3.67E-03	2.45E-05	7.36E-03	0.011049	3.75E-03	2.41E-05	8.18E-03	0.011955	3.56E-03	3.06E-05	1.57E-02	1.93E-02
5570	474569.63	3848399.34	0.22736	0.30594	0.2549	3.49E-03	2.23E-05	6.84E-03	0.010348	3.56E-03	2.19E-05	7.60E-03	0.011191	3.39E-03	2.78E-05	1.46E-02	1.80E-02
5571	474644.33	3848464.52	0.23243	0.3155	0.25974	3.57E-03	2.30E-05	6.97E-03	0.010556	3.64E-03	2.26E-05	7.75E-03	0.011416	3.46E-03	2.87E-05	1.49E-02	1.84E-02
5572	474719.04	3848529.7	0.23689	0.32563	0.26378	3.64E-03	2.37E-05	7.07E-03	0.010734	3.71E-03	2.33E-05	7.87E-03	0.011607	3.53E-03	2.96E-05	1.51E-02	1.87E-02
5573	474793.74	3848594.88	0.23986	0.33158	0.26573	3.68E-03	2.41E-05	7.13E-03	0.010832	3.76E-03	2.38E-05	7.93E-03	0.011712	3.57E-03	3.02E-05	1.52E-02	1.88E-02
5574	474868.45	3848660.07	0.24129	0.33381	0.26582	3.70E-03	2.43E-05	7.13E-03	0.010856	3.78E-03	2.39E-05	7.93E-03	0.011737	3.59E-03	3.04E-05	1.52E-02	1.89E-02
5575	474943.15	3848725.25	0.24397	0.34119	0.26846	3.74E-03	2.48E-05	7.20E-03	0.010969	3.83E-03	2.44E-05	8.01E-03	0.011858	3.63E-03	3.10E-05	1.54E-02	1.90E-02
5576	475017.86	3848790.43	0.24901	0.35875	0.28076	3.82E-03	2.61E-05	7.53E-03	0.011377	3.90E-03	2.57E-05	8.38E-03	0.012306	3.71E-03	3.26E-05	1.61E-02	1.98E-02
5577	475092.56	3848855.61	0.25479	0.37996	0.29293	3.91E-03	2.77E-05	7.86E-03	0.011794	3.99E-03	2.72E-05	8.74E-03	0.012761	3.80E-03	3.46E-05	1.68E-02	2.06E-02
5578	475232.58	3848959.38	0.26087	0.39806	0.30074	4.00E-03	2.90E-05	8.07E-03	0.012098	4.09E-03	2.85E-05	8.97E-03	0.013091	3.89E-03	3.62E-05	1.72E-02	2.12E-02
5579	475368.47	3849029.98	0.25899	0.38182	0.2938	3.97E-03	2.78E-05	7.88E-03	0.011882	4.06E-03	2.74E-05	8.76E-03	0.012853	3.86E-03	3.47E-05	1.68E-02	2.07E-02
5580	475609.57	3849096.09	0.23322	0.34223	0.26825	3.58E-03	2.49E-05	7.19E-03	0.010798	3.66E-03	2.45E-05	8.00E-03	0.011684	3.47E-03	3.11E-05	1.54E-02	1.89E-02
5581	475680.68	3849116.62	0.26631	0.34744	0.26703	4.09E-03	2.53E-05	7.16E-03	0.011274	4.18E-03	2.49E-05	7.97E-03	0.012167	3.97E-03	3.16E-05	1.53E-02	1.93E-02
5582	475843.76	3849151.52	0.29263	0.33656	0.31239	4.49E-03	2.45E-05	8.38E-03	0.012893	4.59E-03	2.41E-05	9.32E-03	0.013932	4.36E-03	3.06E-05	1.79E-02	2.23E-02
5583	475935.73	3849165.89	0.31845	0.33655	0.34271	4.89E-03	2.45E-05	9.19E-03	0.014103	4.99E-03	2.41E-05	1.02E-02	0.015241	4.74E-03	3.06E-05	1.96E-02	2.44E-02
5584	476027.71	3849180.27	0.32437	0.39293	0.34876	4.98E-03	2.86E-05	9.35E-03	0.01436	5.09E-03	2.82E-05	1.04E-02	0.015518	4.83E-03	3.57E-05	2.00E-02	2.48E-02
5585	476119.68	3849194.64	0.30206	0.4007	0.36601	4.64E-03	2.92E-05	9.82E-03	0.014481	4.74E-03	2.87E-05	1.09E-02	0.015684	4.50E-03	3.64E-05	2.10E-02	2.55E-02
5586	476211.65	3849209.01	0.31689	0.41089	0.33916	4.86E-03	2.99E-05	9.10E-03	0.013989	4.97E-03	2.94E-05	1.01E-02	0.015116	4.72E-03	3.74E-05	1.94E-02	2.42E-02
5587	476497.8	3849283.9	0.32746	0.41707	0.37844	5.02E-03	3.04E-05	1.01E-02	0.015205	5.13E-03	2.99E-05	1.13E-02	0.016454	4.88E-03	3.79E-05	2.17E-02	2.66E-02
5588	476603.73	3849323.77	0.33312	0.45515	0.36496	5.11E-03	3.31E-05	9.79E-03	0.014933	5.22E-03	3.26E-05	1.09E-02	0.016143	4.96E-03	4.14E-05	2.09E-02	2.59E-02
5589	476728.99	3849382.76	0.32888	0.46145	0.37783	5.05E-03	3.36E-05	1.01E-02	0.015214	5.16E-03	3.31E-05	1.13E-02	0.016461	4.90E-03	4.20E-05	2.16E-02	2.66E-02

5590	476801.27	3849418.65	0.34376	0.45473	0.37415	5.28E-03	3.31E-05	1.00E-02	0.015343	5.39E-03	3.26E-05	1.12E-02	0.016584	5.12E-03	4.14E-05	2.14E-02	2.66E-02
5591	476956.2	3849495.05	0.31804	0.45608	0.37867	4.88E-03	3.32E-05	1.02E-02	0.01507	4.99E-03	3.27E-05	1.13E-02	0.016316	4.74E-03	4.15E-05	2.17E-02	2.65E-02
5592	477038.84	3849535.56	0.30169	0.45641	0.37397	4.63E-03	3.32E-05	1.00E-02	0.014693	4.73E-03	3.27E-05	1.12E-02	0.015919	4.49E-03	4.15E-05	2.14E-02	2.60E-02
5593	477121.48	3849576.08	0.30473	0.45219	0.35675	4.68E-03	3.29E-05	9.57E-03	0.014277	4.78E-03	3.24E-05	1.06E-02	0.015453	4.54E-03	4.11E-05	2.04E-02	2.50E-02
5594	477204.13	3849616.6	0.31986	0.45681	0.33581	4.91E-03	3.33E-05	9.01E-03	0.013948	5.02E-03	3.27E-05	1.00E-02	0.015066	4.76E-03	4.16E-05	1.92E-02	2.40E-02
5595	477286.78	3849657.12	0.33687	0.42694	0.34965	5.17E-03	3.11E-05	9.38E-03	0.014578	5.28E-03	3.06E-05	1.04E-02	0.015743	5.02E-03	3.88E-05	2.00E-02	2.51E-02
5596	477369.42	3849697.63	0.34634	0.41525	0.37433	5.31E-03	3.02E-05	1.00E-02	0.015385	5.43E-03	2.98E-05	1.12E-02	0.016627	5.16E-03	3.78E-05	2.14E-02	2.66E-02
5597	477452.07	3849738.15	0.36338	0.40313	0.3877	5.58E-03	2.93E-05	1.04E-02	0.016004	5.70E-03	2.89E-05	1.16E-02	0.017292	5.41E-03	3.67E-05	2.22E-02	2.77E-02
5598	477534.71	3849778.67	0.38522	0.4364	0.40778	5.91E-03	3.18E-05	1.09E-02	0.01688	6.04E-03	3.13E-05	1.22E-02	0.018236	5.74E-03	3.97E-05	2.34E-02	2.91E-02
5599	477617.35	3849819.18	0.39899	0.46638	0.42709	6.12E-03	3.39E-05	1.15E-02	0.017611	6.26E-03	3.34E-05	1.27E-02	0.01903	5.94E-03	4.24E-05	2.45E-02	3.05E-02
5600	477824.74	3849896.37	0.42026	0.53657	0.46832	6.45E-03	3.91E-05	1.26E-02	0.019049	6.59E-03	3.84E-05	1.40E-02	0.020599	6.26E-03	4.88E-05	2.68E-02	3.31E-02
5601	477906.31	3849936.37	0.43113	0.55716	0.48042	6.62E-03	4.06E-05	1.29E-02	0.019541	6.76E-03	3.99E-05	1.43E-02	0.021132	6.42E-03	5.07E-05	2.75E-02	3.40E-02
5602	477987.89	3849976.36	0.42997	0.57215	0.48513	6.60E-03	4.16E-05	1.30E-02	0.019651	6.74E-03	4.10E-05	1.45E-02	0.021255	6.41E-03	5.20E-05	2.78E-02	3.42E-02
5603	478069.47	3850016.36	0.43173	0.58187	0.48818	6.62E-03	4.24E-05	1.31E-02	0.019761	6.77E-03	4.17E-05	1.46E-02	0.021374	6.43E-03	5.29E-05	2.80E-02	3.44E-02
5604	478151.04	3850056.35	0.43569	0.58449	0.48649	6.69E-03	4.25E-05	1.30E-02	0.019776	6.83E-03	4.19E-05	1.45E-02	0.021386	6.49E-03	5.32E-05	2.79E-02	3.44E-02
5605	478232.62	3850096.35	0.44743	0.58382	0.49251	6.87E-03	4.25E-05	1.32E-02	0.020118	7.02E-03	4.18E-05	1.47E-02	0.02175	6.67E-03	5.31E-05	2.82E-02	3.49E-02
5606	478314.2	3850136.34	0.45593	0.59185	0.49594	7.00E-03	4.31E-05	1.33E-02	0.020341	7.15E-03	4.24E-05	1.48E-02	0.021986	6.79E-03	5.38E-05	2.84E-02	3.53E-02
5607	478395.77	3850176.34	0.46779	0.58478	0.53515	7.18E-03	4.26E-05	1.44E-02	0.021574	7.33E-03	4.19E-05	1.60E-02	0.023341	6.97E-03	5.32E-05	3.07E-02	3.77E-02
5608	478575.43	3850244.45	0.49041	0.66767	0.5777	7.53E-03	4.86E-05	1.55E-02	0.023068	7.69E-03	4.78E-05	1.72E-02	0.024971	7.31E-03	6.07E-05	3.31E-02	4.05E-02
5609	478665.06	3850287.29	0.51163	0.70924	0.60341	7.85E-03	5.16E-05	1.62E-02	0.024086	8.02E-03	5.08E-05	1.80E-02	0.026074	7.62E-03	6.45E-05	3.46E-02	4.23E-02
5610	478754.69	3850330.14	0.49307	0.74063	0.63619	7.57E-03	5.39E-05	1.71E-02	0.024683	7.73E-03	5.31E-05	1.90E-02	0.026763	7.35E-03	6.74E-05	3.64E-02	4.39E-02
5611	478844.32	3850372.99	0.51967	0.73567	0.61579	7.97E-03	5.36E-05	1.65E-02	0.024544	8.15E-03	5.27E-05	1.84E-02	0.026571	7.74E-03	6.69E-05	3.53E-02	4.31E-02
5612	478933.95	3850415.84	0.5445	0.73246	0.60589	8.36E-03	5.33E-05	1.63E-02	0.024659	8.54E-03	5.25E-05	1.81E-02	0.026665	8.11E-03	6.66E-05	3.47E-02	4.29E-02
5613	479023.58	3850458.68	0.53969	0.77212	0.63653	8.28E-03	5.62E-05	1.71E-02	0.02541	8.46E-03	5.53E-05	1.90E-02	0.027506	8.04E-03	7.02E-05	3.65E-02	4.46E-02
5614	479110.66	3850441.9	0.56619	0.84063	0.68276	8.69E-03	6.12E-05	1.83E-02	0.027061	8.88E-03	6.02E-05	2.04E-02	0.029306	8.43E-03	7.65E-05	3.91E-02	4.76E-02
5615	479191.22	3850423.99	0.58459	0.85032	0.68668	8.97E-03	6.19E-05	1.84E-02	0.02745	9.17E-03	6.09E-05	2.05E-02	0.029712	8.71E-03	7.73E-05	3.93E-02	4.81E-02
5616	479274.32	3850465.71	0.59479	0.86698	0.70325	9.13E-03	6.31E-05	1.89E-02	0.028052	9.33E-03	6.21E-05	2.10E-02	0.030367	8.86E-03	7.89E-05	4.03E-02	4.92E-02
5617	479357.43	3850507.42	0.60553	0.87161	0.71509	9.29E-03	6.34E-05	1.92E-02	0.028534	9.49E-03	6.25E-05	2.13E-02	0.030889	9.02E-03	7.93E-05	4.10E-02	5.01E-02
5618	479440.53	3850549.14	0.60654	0.8609	0.71738	9.31E-03	6.27E-05	1.92E-02	0.028611	9.51E-03	6.17E-05	2.14E-02	0.030973	9.04E-03	7.83E-05	4.11E-02	5.02E-02
5619	479523.64	3850590.85	0.60729	0.88195	0.71754	9.32E-03	6.42E-05	1.92E-02	0.028628	9.52E-03	6.32E-05	2.14E-02	0.030991	9.05E-03	8.02E-05	4.11E-02	5.02E-02
5620	479606.74	3850632.57	0.60567	0.87139	0.72111	9.29E-03	6.34E-05	1.93E-02	0.028698	9.50E-03	6.24E-05	2.15E-02	0.031071	9.02E-03	7.93E-05	4.13E-02	5.04E-02
5621	479777.37	3850707.61	0.58607	0.88768	0.7145	8.99E-03	6.46E-05	1.92E-02	0.028221	9.19E-03	6.36E-05	2.13E-02	0.030568	8.73E-03	8.07E-05	4.09E-02	4.97E-02
5622	479864.9	3850740.95	0.58511	0.86339	0.6997	8.98E-03	6.28E-05	1.88E-02	0.027808	9.17E-03	6.19E-05	2.09E-02	0.03011	8.72E-03	7.85E-05	4.01E-02	4.89E-02
5623	479931.87	3850829.56	0.59201	0.90589	0.71654	9.08E-03	6.59E-05	1.92E-02	0.028368	9.28E-03	6.49E-05	2.14E-02	0.030723	8.82E-03	8.24E-05	4.10E-02	4.99E-02
5624	479995.55	3850926.75	0.59524	0.95832	0.75616	9.13E-03	6.98E-05	2.03E-02	0.029484	9.33E-03	6.87E-05	2.26E-02	0.03196	8.87E-03	8.72E-05	4.33E-02	5.23E-02
5625	480079.78	3850968.64	0.60122	0.93031	0.74071	9.23E-03	6.77E-05	1.99E-02	0.02916	9.43E-03	6.67E-05	2.21E-02	0.03159	8.96E-03	8.46E-05	4.24E-02	5.15E-02
5626	480164.01	3851010.54	0.57621	0.9427	0.72464	8.84E-03	6.86E-05	1.94E-02	0.028346	9.03E-03	6.75E-05	2.16E-02	0.03072	8.58E-03	8.57E-05	4.15E-02	5.02E-02
5627	480248.23	3851052.43	0.55024	0.98496	0.72285	8.44E-03	7.17E-05	1.94E-02	0.027902	8.63E-03	7.06E-05	2.16E-02	0.030262	8.20E-03	8.96E-05	4.14E-02	4.97E-02
5628	480332.46	3851094.33	0.55883	1.00592	0.72051	8.58E-03	7.32E-05	1.93E-02	0.027973	8.76E-03	7.21E-05	2.15E-02	0.030329	8.32E-03	9.15E-05	4.13E-02	4.97E-02
5629	480416.69	3851136.22	0.5764	0.97734	0.73048	8.84E-03	7.11E-05	1.96E-02	0.028508	9.04E-03	7.00E-05	2.18E-02	0.030899	8.59E-03	8.89E-05	4.18E-02	5.05E-02
5630	480579.95	3851215.17	0.59126	0.98971	0.76797	9.07E-03	7.20E-05	2.06E-02	0.029742	9.27E-03	7.09E-05	2.29E-02	0.032252	8.81E-03	9.00E-05	4.40E-02	5.29E-02
5631	480658.98	3851252.22	0.57507	0.94094	0.76448	8.82E-03	6.85E-05	2.05E-02	0.029397	9.02E-03	6.74E-05	2.28E-02	0.03189	8.57E-03	8.56E-05	4.38E-02	5.24E-02
5632	480817.36	3851327.85	0.58721	0.88729	0.72245	9.01E-03	6.46E-05	1.94E-02	0.028452	9.21E-03	6.36E-05	2.16E-02	0.030823	8.75E-03	8.07E-05	4.14E-02	5.02E-02
5633	480896.72	3851366.42	0.61602	0.93016	0.71045	9.45E-03	6.77E-05	1.91E-02	0.028575	9.66E-03	6.66E-05	2.12E-02	0.03092	9.18E-03	8.46E-05	4.07E-02	5.00E-02
5634	480976.07	3851405	0.60343	0.98551	0.70867	9.26E-03	7.17E-05	1.90E-02	0.028338	9.46E-03	7.06E-05	2.11E-02	0.030673	8.99E-03	8.96E-05	4.06E-02	4.97E-02
5635	481178	3851487.31	0.57803	1.13471	0.67523	8.87E-03	8.26E-05	1.81E-02	0.027063	9.06E-03	8.13E-05	2.01E-02	0.029288	8.61E-03	1.03E-04	3.87E-02	4.74E-02
5636	481244.9	3851557.17	0.58143	1.16892	0.69081	8.92E-03	8.51E-05	1.85E-02	0.027535	9.12E-03	8.38E-05	2.06E-02	0.029809	8.66E-03	1.06E-04	3.96E-02	4.83E-02

5637	481311.81	3851627.03	0.58534	1.18797	0.69396	8.98E-03	8.65E-05	1.86E-02	0.027681	9.18E-03	8.51E-05	2.07E-02	0.029965	8.72E-03	1.08E-04	3.98E-02	4.86E-02
5638	481378.71	3851696.89	0.59883	1.19694	0.69766	9.19E-03	8.71E-05	1.87E-02	0.027988	9.39E-03	8.58E-05	2.08E-02	0.030288	8.92E-03	1.09E-04	4.00E-02	4.90E-02
5639	481445.61	3851766.76	0.61278	1.20132	0.71282	9.40E-03	8.74E-05	1.91E-02	0.028609	9.61E-03	8.61E-05	2.13E-02	0.030959	9.13E-03	1.09E-04	4.08E-02	5.01E-02
5640	481512.51	3851836.62	0.62779	1.25531	0.7532	9.63E-03	9.14E-05	2.02E-02	0.029926	9.84E-03	8.99E-05	2.25E-02	0.032403	9.35E-03	1.14E-04	4.31E-02	5.26E-02
5641	481579.42	3851906.48	0.64265	1.32094	0.79416	9.86E-03	9.62E-05	2.13E-02	0.031257	1.01E-02	9.46E-05	2.37E-02	0.033862	9.57E-03	1.20E-04	4.55E-02	5.52E-02
5642	481646.32	3851976.34	0.66168	1.38272	0.81664	1.02E-02	1.01E-04	2.19E-02	0.032157	1.04E-02	9.91E-05	2.44E-02	0.034836	9.86E-03	1.26E-04	4.68E-02	5.68E-02
5643	481713.22	3852046.2	0.69251	1.45075	0.83626	1.06E-02	1.06E-04	2.24E-02	0.033161	1.09E-02	1.04E-04	2.49E-02	0.035909	1.03E-02	1.32E-04	4.79E-02	5.84E-02
5644	481780.12	3852116.06	0.71825	1.49906	0.86501	1.10E-02	1.09E-04	2.32E-02	0.034331	1.13E-02	1.07E-04	2.58E-02	0.037174	1.07E-02	1.36E-04	4.96E-02	6.04E-02
5645	481847.03	3852185.92	0.74122	1.50726	0.90999	1.14E-02	1.10E-04	2.44E-02	0.03589	1.16E-02	1.08E-04	2.71E-02	0.038877	1.10E-02	1.37E-04	5.21E-02	6.33E-02
5646	481913.93	3852255.78	0.76355	1.5349	0.93997	1.17E-02	1.12E-04	2.52E-02	0.037039	1.20E-02	1.10E-04	2.80E-02	0.040123	1.14E-02	1.40E-04	5.38E-02	6.54E-02
5647	481980.83	3852325.65	0.7811	1.4788	0.96897	1.20E-02	1.08E-04	2.60E-02	0.038082	1.22E-02	1.06E-04	2.89E-02	0.04126	1.16E-02	1.35E-04	5.55E-02	6.73E-02
5648	482047.73	3852395.51	0.80256	1.48705	0.97734	1.23E-02	1.08E-04	2.62E-02	0.038636	1.26E-02	1.07E-04	2.92E-02	0.041846	1.20E-02	1.35E-04	5.60E-02	6.81E-02
5649	482114.64	3852465.37	0.81955	1.53974	0.98525	1.26E-02	1.12E-04	2.64E-02	0.039113	1.28E-02	1.10E-04	2.94E-02	0.042352	1.22E-02	1.40E-04	5.64E-02	6.88E-02
5650	482181.54	3852535.23	0.8427	1.63132	0.9952	1.29E-02	1.19E-04	2.67E-02	0.039742	1.32E-02	1.17E-04	2.97E-02	0.043019	1.26E-02	1.48E-04	5.70E-02	6.97E-02
5651	482338.69	3852700.04	0.88854	1.84663	1.03964	1.36E-02	1.34E-04	2.79E-02	0.041653	1.39E-02	1.32E-04	3.10E-02	0.045079	1.32E-02	1.68E-04	5.96E-02	7.30E-02
5652	482404.05	3852767.78	0.90042	1.93919	1.03806	1.38E-02	1.41E-04	2.78E-02	0.0418	1.41E-02	1.39E-04	3.10E-02	0.045224	1.34E-02	1.76E-04	5.95E-02	7.31E-02
5653	482469.4	3852835.52	0.90827	2.02213	1.04434	1.39E-02	1.47E-04	2.80E-02	0.042094	1.42E-02	1.45E-04	3.12E-02	0.045541	1.35E-02	1.84E-04	5.98E-02	7.35E-02
5654	482534.75	3852903.25	0.91987	2.04882	1.05816	1.41E-02	1.49E-04	2.84E-02	0.042645	1.44E-02	1.47E-04	3.16E-02	0.046137	1.37E-02	1.86E-04	6.06E-02	7.45E-02
5655	482600.11	3852970.98	0.92548	2.12681	1.07109	1.42E-02	1.55E-04	2.87E-02	0.043084	1.45E-02	1.52E-04	3.20E-02	0.046616	1.38E-02	1.93E-04	6.14E-02	7.53E-02
5656	482706.71	3853119.28	0.96886	2.29226	1.14202	1.49E-02	1.67E-04	3.06E-02	0.045664	1.52E-02	1.64E-04	3.41E-02	0.049424	1.44E-02	2.09E-04	6.54E-02	8.01E-02
5657	482747.96	3853199.84	1.05018	2.41012	1.1784	1.61E-02	1.75E-04	3.16E-02	0.047896	1.65E-02	1.73E-04	3.52E-02	0.051793	1.56E-02	2.19E-04	6.75E-02	8.34E-02
5658	482789.21	3853280.4	1.17586	2.53398	1.20903	1.80E-02	1.84E-04	3.24E-02	0.050655	1.84E-02	1.82E-04	3.61E-02	0.054686	1.75E-02	2.30E-04	6.93E-02	8.70E-02
5659	482830.46	3853360.96	1.28504	2.6674	1.33672	1.97E-02	1.94E-04	3.59E-02	0.055765	2.01E-02	1.91E-04	3.99E-02	0.060217	1.91E-02	2.43E-04	7.66E-02	9.60E-02
5660	482871.71	3853441.52	1.45753	2.82379	1.39024	2.24E-02	2.06E-04	3.73E-02	0.059859	2.29E-02	2.02E-04	4.15E-02	0.064529	2.17E-02	2.57E-04	7.96E-02	1.02E-01
5661	482912.95	3853522.07	1.96447	3.06587	1.47274	3.01E-02	2.23E-04	3.95E-02	0.069868	3.08E-02	2.20E-04	4.39E-02	0.074956	2.93E-02	2.79E-04	8.44E-02	1.14E-01
5662	482954.2	3853602.63	1.90323	3.28051	1.57004	2.92E-02	2.39E-04	4.21E-02	0.071553	2.98E-02	2.35E-04	4.68E-02	0.076914	2.84E-02	2.98E-04	8.99E-02	1.19E-01
5663	482995.45	3853683.19	1.95938	3.49295	1.70104	3.01E-02	2.54E-04	4.56E-02	0.075944	3.07E-02	2.50E-04	5.07E-02	0.081718	2.92E-02	3.18E-04	9.74E-02	1.27E-01
5664	483036.7	3853763.75	1.95009	3.73908	1.95285	2.99E-02	2.72E-04	5.24E-02	0.082573	3.06E-02	2.68E-04	5.83E-02	0.089102	2.91E-02	3.40E-04	1.12E-01	1.41E-01
5665	483214.2	3853909.91	1.82156	3.16848	2.00264	2.80E-02	2.31E-04	5.37E-02	0.081895	2.86E-02	2.27E-04	5.97E-02	0.088531	2.71E-02	2.88E-04	1.15E-01	1.42E-01
5666	483307.01	3853910.44	1.68696	2.80257	1.93602	2.59E-02	2.04E-04	5.19E-02	0.078016	2.64E-02	2.01E-04	5.78E-02	0.084407	2.51E-02	2.55E-04	1.11E-01	1.36E-01
5667	483399.83	3853910.96	1.59558	3.03751	1.77297	2.45E-02	2.21E-04	4.76E-02	0.072257	2.50E-02	2.18E-04	5.29E-02	0.078127	2.38E-02	2.76E-04	1.02E-01	1.26E-01
5668	483494.52	3854009.24	1.68345	3.39741	1.91072	2.58E-02	2.47E-04	5.12E-02	0.077327	2.64E-02	2.43E-04	5.70E-02	0.08364	2.51E-02	3.09E-04	1.09E-01	1.35E-01
5669	483496.41	3854106.98	1.86628	3.75208	2.22056	2.86E-02	2.73E-04	5.96E-02	0.088468	2.93E-02	2.69E-04	6.62E-02	0.095775	2.78E-02	3.41E-04	1.27E-01	1.55E-01
5670	483577.56	3854261.96	2.1231	3.69138	2.36284	3.26E-02	2.69E-04	6.34E-02	0.096221	3.33E-02	2.64E-04	7.05E-02	0.104042	3.16E-02	3.36E-04	1.35E-01	1.67E-01
5671	483656.83	3854319.19	2.0321	3.15762	2.13511	3.12E-02	2.30E-04	5.73E-02	0.088677	3.19E-02	2.26E-04	6.37E-02	0.095783	3.03E-02	2.87E-04	1.22E-01	1.53E-01
5672	483736.1	3854376.41	1.87151	2.68297	1.88419	2.87E-02	1.95E-04	5.05E-02	0.079449	2.93E-02	1.92E-04	5.62E-02	0.085746	2.79E-02	2.44E-04	1.08E-01	1.36E-01
5673	483815.36	3854433.64	1.74849	2.48381	1.65843	2.68E-02	1.81E-04	4.45E-02	0.071492	2.74E-02	1.78E-04	4.95E-02	0.077068	2.60E-02	2.26E-04	9.50E-02	1.21E-01
5674	483894.63	3854490.87	1.56255	2.56467	1.48994	2.40E-02	1.87E-04	4.00E-02	0.064125	2.45E-02	1.84E-04	4.44E-02	0.069132	2.33E-02	2.33E-04	8.54E-02	1.09E-01
5675	483973.9	3854548.1	1.40474	2.51269	1.32282	2.16E-02	1.83E-04	3.55E-02	0.057218	2.20E-02	1.80E-04	3.95E-02	0.061668	2.09E-02	2.29E-04	7.58E-02	9.69E-02
5676	484053.17	3854605.32	1.37313	2.856	1.28657	2.11E-02	2.08E-04	3.45E-02	0.055785	2.15E-02	2.05E-04	3.84E-02	0.060115	2.05E-02	2.60E-04	7.37E-02	9.44E-02
5677	484214.97	3854698.15	1.27009	3.72231	1.20829	1.95E-02	2.71E-04	3.24E-02	0.052168	1.99E-02	2.67E-04	3.60E-02	0.056227	1.89E-02	3.39E-04	6.92E-02	8.85E-02
5678	484297.5	3854733.74	1.37905	4.20992	1.24992	2.12E-02	3.06E-04	3.35E-02	0.054992	2.16E-02	3.02E-04	3.73E-02	0.059212	2.05E-02	3.83E-04	7.16E-02	9.25E-02
5679	484380.03	3854769.34	1.37773	4.22985	1.20717	2.11E-02	3.08E-04	3.24E-02	0.053826	2.16E-02	3.03E-04	3.60E-02	0.057917	2.05E-02	3.85E-04	6.92E-02	9.01E-02
5680	484462.56	3854804.94	1.6043	4.56876	1.28506	2.46E-02	3.33E-04	3.45E-02	0.059417	2.52E-02	3.27E-04	3.83E-02	0.063818	2.39E-02	4.16E-04	7.36E-02	9.79E-02
5681	484545.09	3854840.53	1.51042	4.5556	1.23971	2.32E-02	3.32E-04	3.32E-02	0.056759	2.37E-02	3.26E-04	3.70E-02	0.060992	2.25E-02	4.14E-04	7.10E-02	9.39E-02
5682	484691.88	3854912.58	1.85107	5.10545	1.40106	2.84E-02	3.72E-04	3.76E-02	0.066354	2.90E-02	3.66E-04	4.18E-02	0.071186	2.76E-02	4.64E-04	8.03E-02	1.08E-01
5683	484830.81	3855012.51	2.14449	5.45423	1.59545	3.29E-02	3.97E-04	4.28E-02	0.076095	3.36E-02	3.91E-04	4.76E-02	0.08161	3.19E-02	4.96E-04	9.14E-02	1.24E-01

5684	484905.48	3855075.97	2.48389	6.20806	1.86339	3.81E-02	4.52E-04	5.00E-02	0.088545	3.89E-02	4.45E-04	5.56E-02	0.094979	3.70E-02	5.65E-04	1.07E-01	1.44E-01
5685	484980.14	3855139.44	2.70638	6.28785	2.12411	4.15E-02	4.58E-04	5.70E-02	0.098957	4.24E-02	4.51E-04	6.34E-02	0.106251	4.03E-02	5.72E-04	1.22E-01	1.63E-01
5686	485054.81	3855202.91	2.7633	5.76424	2.27256	4.24E-02	4.20E-04	6.10E-02	0.103774	4.33E-02	4.13E-04	6.78E-02	0.111535	4.12E-02	5.24E-04	1.30E-01	1.72E-01
5687	485129.48	3855266.37	2.66192	5.26753	2.21732	4.08E-02	3.83E-04	5.95E-02	0.100701	4.17E-02	3.77E-04	6.61E-02	0.108262	3.97E-02	4.79E-04	1.27E-01	1.67E-01
5688	485204.15	3855329.84	2.83554	4.99066	2.45126	4.35E-02	3.63E-04	6.57E-02	0.109619	4.45E-02	3.58E-04	7.31E-02	0.117943	4.22E-02	4.54E-04	1.40E-01	1.83E-01
5689	485278.82	3855393.31	2.86983	4.61623	2.46575	4.40E-02	3.36E-04	6.61E-02	0.110507	4.50E-02	3.31E-04	7.36E-02	0.118886	4.28E-02	4.20E-04	1.41E-01	1.84E-01
5690	485353.48	3855456.77	2.95135	4.27438	2.53535	4.53E-02	3.11E-04	6.80E-02	0.113599	4.63E-02	3.06E-04	7.56E-02	0.122216	4.40E-02	3.89E-04	1.45E-01	1.90E-01
5691	485428.15	3855520.24	2.98957	4.00368	2.63476	4.59E-02	2.91E-04	7.07E-02	0.116832	4.69E-02	2.87E-04	7.86E-02	0.125762	4.45E-02	3.64E-04	1.51E-01	1.96E-01
5692	485502.82	3855583.71	2.95866	3.57009	2.72801	4.54E-02	2.60E-04	7.32E-02	0.118828	4.64E-02	2.56E-04	8.14E-02	0.128028	4.41E-02	3.25E-04	1.56E-01	2.01E-01
5693	485577.49	3855647.17	3.05798	3.67094	2.92134	4.69E-02	2.67E-04	7.84E-02	0.125544	4.79E-02	2.63E-04	8.72E-02	0.13536	4.56E-02	3.34E-04	1.67E-01	2.13E-01
5694	485652.16	3855710.64	3.17131	3.78032	3.11182	4.87E-02	2.75E-04	8.35E-02	0.1324	4.97E-02	2.71E-04	9.28E-02	0.142827	4.72E-02	3.44E-04	1.78E-01	2.26E-01
5695	485726.83	3855774.1	3.19189	3.71183	3.16496	4.90E-02	2.70E-04	8.49E-02	0.134136	5.00E-02	2.66E-04	9.44E-02	0.14473	4.75E-02	3.38E-04	1.81E-01	2.29E-01
5696	485801.49	3855837.57	3.1375	3.50516	3.13704	4.81E-02	2.55E-04	8.41E-02	0.132538	4.92E-02	2.51E-04	9.36E-02	0.14303	4.67E-02	3.19E-04	1.80E-01	2.27E-01
5697	485876.16	3855901.04	3.12413	3.32665	3.17406	4.79E-02	2.42E-04	8.51E-02	0.133312	4.90E-02	2.38E-04	9.47E-02	0.143912	4.65E-02	3.03E-04	1.82E-01	2.29E-01
5698	485950.83	3855964.5	3.05272	3.20948	3.15979	4.68E-02	2.34E-04	8.47E-02	0.131825	4.79E-02	2.30E-04	9.43E-02	0.142358	4.55E-02	2.92E-04	1.81E-01	2.27E-01
5699	486025.5	3856027.97	2.92197	3.19169	3.05217	4.48E-02	2.32E-04	8.19E-02	0.126931	4.58E-02	2.29E-04	9.11E-02	0.137096	4.35E-02	2.90E-04	1.75E-01	2.19E-01
5700	486100.17	3856091.44	3.05411	3.27306	3.36528	4.69E-02	2.38E-04	9.03E-02	0.137363	4.79E-02	2.35E-04	1.00E-01	0.148514	4.55E-02	2.98E-04	1.93E-01	2.39E-01
5701	486174.83	3856154.9	2.92466	3.18542	3.22371	4.49E-02	2.32E-04	8.65E-02	0.131573	4.59E-02	2.28E-04	9.62E-02	0.142255	4.36E-02	2.90E-04	1.85E-01	2.29E-01
5702	486249.5	3856218.37	2.64794	2.90386	2.93702	4.06E-02	2.11E-04	7.88E-02	0.119617	4.15E-02	2.08E-04	8.76E-02	0.129344	3.94E-02	2.64E-04	1.68E-01	2.08E-01
5703	486324.17	3856281.84	2.46212	2.64	2.62265	3.78E-02	1.92E-04	7.03E-02	0.108315	3.86E-02	1.89E-04	7.82E-02	0.117033	3.67E-02	2.40E-04	1.50E-01	1.87E-01
5704	486398.84	3856345.3	2.52455	2.5158	2.72755	3.87E-02	1.83E-04	7.32E-02	0.112077	3.96E-02	1.80E-04	8.14E-02	0.121132	3.76E-02	2.29E-04	1.56E-01	1.94E-01
5705	486473.51	3856408.77	2.48453	2.36096	2.7259	3.81E-02	1.72E-04	7.31E-02	0.111407	3.90E-02	1.69E-04	8.13E-02	0.120444	3.70E-02	2.15E-04	1.56E-01	1.93E-01
5706	486548.17	3856472.24	2.5579	2.41483	2.85637	3.93E-02	1.76E-04	7.66E-02	0.116036	4.01E-02	1.73E-04	8.52E-02	0.125491	3.81E-02	2.20E-04	1.64E-01	2.02E-01
5707	486622.84	3856535.7	2.67319	2.74109	3.00294	4.10E-02	2.00E-04	8.05E-02	0.12176	4.19E-02	1.96E-04	8.96E-02	0.131694	3.98E-02	2.49E-04	1.72E-01	2.12E-01
5708	486765.48	3856659.69	2.95922	2.69506	3.3937	4.54E-02	1.96E-04	9.10E-02	0.136627	4.64E-02	1.93E-04	1.01E-01	0.147833	4.41E-02	2.45E-04	1.94E-01	2.39E-01
5709	486833.44	3856720.2	3.04515	2.51799	3.52804	4.67E-02	1.83E-04	9.46E-02	0.141535	4.77E-02	1.80E-04	1.05E-01	0.153175	4.54E-02	2.29E-04	2.02E-01	2.48E-01
5710	486901.41	3856780.72	3.1836	2.5944	3.7135	4.89E-02	1.89E-04	9.96E-02	0.14864	4.99E-02	1.86E-04	1.11E-01	0.160884	4.74E-02	2.36E-04	2.13E-01	2.60E-01
5711	486969.38	3856841.24	3.29845	2.6644	3.85323	5.06E-02	1.94E-04	1.03E-01	0.154155	5.17E-02	1.91E-04	1.15E-01	0.166859	4.91E-02	2.42E-04	2.21E-01	2.70E-01
5712	487037.34	3856901.75	3.42581	2.90472	3.97508	5.26E-02	2.11E-04	1.07E-01	0.159395	5.37E-02	2.08E-04	1.19E-01	0.172508	5.10E-02	2.64E-04	2.28E-01	2.79E-01
5713	487271.23	3856855.51	3.02324	2.8974	3.32268	4.64E-02	2.11E-04	8.91E-02	0.135719	4.74E-02	2.08E-04	9.91E-02	0.146733	4.50E-02	2.64E-04	1.90E-01	2.36E-01
5714	487368.96	3856857.29	2.92917	2.87947	3.24033	4.49E-02	2.10E-04	8.69E-02	0.132065	4.59E-02	2.06E-04	9.67E-02	0.1428	4.36E-02	2.62E-04	1.86E-01	2.30E-01
5715	487466.68	3856859.06	2.85083	2.83689	3.17849	4.37E-02	2.07E-04	8.52E-02	0.129202	4.47E-02	2.03E-04	9.48E-02	0.139724	4.25E-02	2.58E-04	1.82E-01	2.25E-01
5716	487636.44	3856930	2.82089	3.56317	3.17882	4.33E-02	2.59E-04	8.53E-02	0.128804	4.42E-02	2.55E-04	9.48E-02	0.139316	4.20E-02	3.24E-04	1.82E-01	2.24E-01
5717	487709.57	3856928.43	2.76064	3.5404	3.08832	4.24E-02	2.58E-04	8.28E-02	0.12545	4.33E-02	2.54E-04	9.21E-02	0.13567	4.11E-02	3.22E-04	1.77E-01	2.18E-01
5718	487782.54	3856841.96	2.56061	2.96315	2.77342	3.93E-02	2.16E-04	7.44E-02	0.113893	4.01E-02	2.12E-04	8.27E-02	0.123098	3.81E-02	2.70E-04	1.59E-01	1.97E-01
5719	487849.83	3856754.74	2.38863	2.50869	2.5946	3.67E-02	1.83E-04	6.96E-02	0.106425	3.75E-02	1.80E-04	7.74E-02	0.115034	3.56E-02	2.28E-04	1.49E-01	1.84E-01
5720	487918.03	3856819.39	2.43908	2.91483	2.65631	3.74E-02	2.12E-04	7.12E-02	0.108884	3.82E-02	2.09E-04	7.92E-02	0.117695	3.63E-02	2.65E-04	1.52E-01	1.89E-01
5721	487918.8	3856886.37	2.52651	3.38515	2.75751	3.88E-02	2.46E-04	7.40E-02	0.112974	3.96E-02	2.43E-04	8.23E-02	0.122119	3.76E-02	3.08E-04	1.58E-01	1.96E-01
5722	488065.47	3857127.5	2.63448	4.34099	2.96348	4.04E-02	3.16E-04	7.95E-02	0.120225	4.13E-02	3.11E-04	8.84E-02	0.130025	3.92E-02	3.95E-04	1.70E-01	2.09E-01
5723	488192.19	3857385.83	2.76405	5.17017	3.20954	4.24E-02	3.76E-04	8.61E-02	0.128873	4.33E-02	3.70E-04	9.57E-02	0.139456	4.12E-02	4.70E-04	1.84E-01	2.26E-01
5724	488191.22	3857473.87	2.84238	5.27338	3.36579	4.36E-02	3.84E-04	9.03E-02	0.134273	4.46E-02	3.78E-04	1.00E-01	0.145353	4.23E-02	4.80E-04	1.93E-01	2.36E-01
5725	488190.24	3857561.9	2.91134	5.48441	3.51613	4.47E-02	3.99E-04	9.43E-02	0.139379	4.56E-02	3.93E-04	1.05E-01	0.150935	4.34E-02	4.99E-04	2.01E-01	2.45E-01
5726	488158.35	3857691.13	3.06285	5.20092	3.69827	4.70E-02	3.79E-04	9.92E-02	0.146568	4.80E-02	3.73E-04	1.10E-01	0.158723	4.56E-02	4.73E-04	2.12E-01	2.58E-01
5727	488208.37	3857816.66	3.14028	3.79967	3.69298	4.82E-02	2.77E-04	9.90E-02	0.147512	4.92E-02	2.72E-04	1.10E-01	0.159679	4.68E-02	3.46E-04	2.12E-01	2.59E-01
5728	488271.97	3857874.6	3.1344	3.55655	3.59733	4.81E-02	2.59E-04	9.65E-02	0.144839	4.91E-02	2.55E-04	1.07E-01	0.156716	4.67E-02	3.24E-04	2.06E-01	2.53E-01
5729	488463.56	3857942.31	2.86905	2.88563	3.20291	4.40E-02	2.10E-04	8.59E-02	0.13014	4.50E-02	2.07E-04	9.56E-02	0.140741	4.27E-02	2.62E-04	1.83E-01	2.26E-01
5730	488554.83	3857940.83	2.68215	2.76771	3.03341	4.12E-02	2.01E-04	8.14E-02	0.122717	4.21E-02	1.98E-04	9.05E-02	0.132746	4.00E-02	2.52E-04	1.74E-01	2.14E-01

5731	488646.1	3857939.36	2.51317	2.54766	2.88687	3.86E-02	1.85E-04	7.74E-02	0.116178	3.94E-02	1.83E-04	8.61E-02	0.125709	3.74E-02	2.32E-04	1.65E-01	2.03E-01
5732	488737.37	3857937.88	2.38606	2.39624	2.75852	3.66E-02	1.74E-04	7.40E-02	0.110774	3.74E-02	1.72E-04	8.23E-02	0.119876	3.55E-02	2.18E-04	1.58E-01	1.94E-01
5733	488733.59	3857960.57	2.38799	2.40633	2.77256	3.66E-02	1.75E-04	7.44E-02	0.111181	3.74E-02	1.72E-04	8.27E-02	0.120326	3.56E-02	2.19E-04	1.59E-01	1.95E-01
5734	488638.09	3857961.57	2.51841	2.59741	2.90952	3.86E-02	1.89E-04	7.80E-02	0.116869	3.95E-02	1.86E-04	8.68E-02	0.12647	3.75E-02	2.36E-04	1.67E-01	2.04E-01
5735	488542.6	3857962.56	2.69594	2.70653	3.06327	4.14E-02	1.97E-04	8.22E-02	0.123725	4.23E-02	1.94E-04	9.14E-02	0.133848	4.02E-02	2.46E-04	1.75E-01	2.16E-01
5736	488447.1	3857963.56	2.89392	2.7219	3.2613	4.44E-02	1.98E-04	8.75E-02	0.132075	4.54E-02	1.95E-04	9.73E-02	0.142861	4.31E-02	2.48E-04	1.87E-01	2.30E-01
5737	488254.28	3857890.36	3.20189	3.3934	3.67142	4.91E-02	2.47E-04	9.85E-02	0.14785	5.02E-02	2.43E-04	1.10E-01	0.159973	4.77E-02	3.09E-04	2.10E-01	2.58E-01
5738	488191.69	3857833.06	3.21398	3.75431	3.7632	4.93E-02	2.73E-04	1.01E-01	0.150523	5.04E-02	2.69E-04	1.12E-01	0.162926	4.79E-02	3.41E-04	2.16E-01	2.64E-01
5739	488129.5	3857907.43	3.4932	3.35759	4.11722	5.36E-02	2.44E-04	1.10E-01	0.164274	5.48E-02	2.41E-04	1.23E-01	0.177837	5.20E-02	3.05E-04	2.36E-01	2.88E-01
5740	488196.47	3857968.73	3.34399	3.17086	4.00704	5.13E-02	2.31E-04	1.07E-01	0.159016	5.24E-02	2.27E-04	1.20E-01	0.172197	4.98E-02	2.88E-04	2.30E-01	2.80E-01
5741	488263.44	3858030.04	3.31941	3.17293	3.86111	5.09E-02	2.31E-04	1.04E-01	0.154725	5.20E-02	2.27E-04	1.15E-01	0.167459	4.94E-02	2.89E-04	2.21E-01	2.71E-01
5742	488400.64	3858132.9	3.12226	2.97376	3.63735	4.79E-02	2.16E-04	9.76E-02	0.145684	4.90E-02	2.13E-04	1.09E-01	0.157678	4.65E-02	2.70E-04	2.08E-01	2.55E-01
5743	488519.89	3858218.38	2.97377	2.67521	3.30429	4.56E-02	1.95E-04	8.86E-02	0.13445	4.66E-02	1.92E-04	9.86E-02	0.145392	4.43E-02	2.43E-04	1.89E-01	2.34E-01
5744	488647.97	3858214.99	2.70632	2.33001	3.02696	4.15E-02	1.70E-04	8.12E-02	0.122883	4.24E-02	1.67E-04	9.03E-02	0.132901	4.03E-02	2.12E-04	1.73E-01	2.14E-01
5745	488727.05	3858167.67	2.51127	2.03962	2.89239	3.85E-02	1.48E-04	7.76E-02	0.11626	3.94E-02	1.46E-04	8.63E-02	0.125807	3.74E-02	1.86E-04	1.66E-01	2.03E-01
5746	488806.12	3858120.35	2.35091	1.98493	2.74755	3.61E-02	1.44E-04	7.37E-02	0.10991	3.69E-02	1.42E-04	8.20E-02	0.118968	3.50E-02	1.81E-04	1.57E-01	1.93E-01
5747	488885.2	3858073.03	2.24142	2.04406	2.5985	3.44E-02	1.49E-04	6.97E-02	0.104237	3.51E-02	1.46E-04	7.75E-02	0.112809	3.34E-02	1.86E-04	1.49E-01	1.82E-01
5748	489055.76	3857991.17	2.09185	2.0867	2.37255	3.21E-02	1.52E-04	6.36E-02	0.095885	3.28E-02	1.50E-04	7.08E-02	0.103727	3.12E-02	1.90E-04	1.36E-01	1.67E-01
5749	489245.39	3857944.54	1.94411	2.27694	2.1933	2.98E-02	1.66E-04	5.88E-02	0.088824	3.05E-02	1.63E-04	6.54E-02	0.096076	2.90E-02	2.07E-04	1.26E-01	1.55E-01
5750	489430.63	3857930.91	1.81948	2.14623	2.0391	2.79E-02	1.56E-04	5.47E-02	0.082766	2.85E-02	1.54E-04	6.08E-02	0.089513	2.71E-02	1.95E-04	1.17E-01	1.44E-01
5751	489517.74	3857929.36	1.76085	2.05292	1.97622	2.70E-02	1.49E-04	5.30E-02	0.080173	2.76E-02	1.47E-04	5.90E-02	0.086711	2.62E-02	1.87E-04	1.13E-01	1.40E-01
5752	489604.85	3857927.82	1.70372	1.96601	1.91963	2.61E-02	1.43E-04	5.15E-02	0.077772	2.67E-02	1.41E-04	5.73E-02	0.084121	2.54E-02	1.79E-04	1.10E-01	1.36E-01
5753	489691.97	3857926.28	1.65223	1.93152	1.86534	2.54E-02	1.41E-04	5.00E-02	0.075524	2.59E-02	1.38E-04	5.56E-02	0.081691	2.46E-02	1.76E-04	1.07E-01	1.32E-01
5754	489779.08	3857924.73	1.60217	1.88888	1.81472	2.46E-02	1.37E-04	4.87E-02	0.073395	2.51E-02	1.35E-04	5.41E-02	0.079393	2.39E-02	1.72E-04	1.04E-01	1.28E-01
5755	490017.54	3857875.08	1.46492	1.75248	1.69129	2.25E-02	1.28E-04	4.54E-02	0.067968	2.30E-02	1.26E-04	5.05E-02	0.073549	2.18E-02	1.59E-04	9.69E-02	1.19E-01
5756	490033.82	3857960.81	1.43454	1.64383	1.67021	2.20E-02	1.20E-04	4.48E-02	0.066929	2.25E-02	1.18E-04	4.98E-02	0.072436	2.14E-02	1.50E-04	9.57E-02	1.17E-01
5757	489959.15	3857987.49	1.46992	1.66706	1.72423	2.26E-02	1.21E-04	4.62E-02	0.068922	2.30E-02	1.19E-04	5.14E-02	0.074604	2.19E-02	1.52E-04	9.88E-02	1.21E-01
5758	489791.49	3858016.12	1.56551	1.79096	1.83815	2.40E-02	1.30E-04	4.93E-02	0.073453	2.45E-02	1.28E-04	5.48E-02	0.07951	2.33E-02	1.63E-04	1.05E-01	1.29E-01
5759	489698.51	3858018.07	1.63543	1.8651	1.89761	2.51E-02	1.36E-04	5.09E-02	0.076127	2.56E-02	1.34E-04	5.66E-02	0.082386	2.44E-02	1.70E-04	1.09E-01	1.33E-01
5760	489605.52	3858020.02	1.70568	1.91954	1.95979	2.62E-02	1.40E-04	5.26E-02	0.078876	2.67E-02	1.38E-04	5.85E-02	0.085346	2.54E-02	1.75E-04	1.12E-01	1.38E-01
5761	489512.53	3858021.96	1.77306	1.94206	2.0249	2.72E-02	1.41E-04	5.43E-02	0.081658	2.78E-02	1.39E-04	6.04E-02	0.088347	2.64E-02	1.77E-04	1.16E-01	1.43E-01
5762	489419.55	3858023.91	1.83136	1.95011	2.07986	2.81E-02	1.42E-04	5.58E-02	0.084027	2.87E-02	1.40E-04	6.20E-02	0.090901	2.73E-02	1.77E-04	1.19E-01	1.47E-01
5763	489228.47	3858041.29	1.95365	1.91097	2.26418	3.00E-02	1.39E-04	6.07E-02	0.090845	3.06E-02	1.37E-04	6.75E-02	0.098314	2.91E-02	1.74E-04	1.30E-01	1.59E-01
5764	489065.75	3858085.78	2.07231	1.95016	2.36387	3.18E-02	1.42E-04	6.34E-02	0.095342	3.25E-02	1.40E-04	7.05E-02	0.103151	3.09E-02	1.77E-04	1.35E-01	1.66E-01
5765	489001.12	3858114.86	2.12456	1.93	2.46339	3.26E-02	1.40E-04	6.61E-02	0.098812	3.33E-02	1.38E-04	7.35E-02	0.106938	3.16E-02	1.76E-04	1.41E-01	1.73E-01
5766	488861.89	3858189.81	2.34559	1.82136	2.73181	3.60E-02	1.33E-04	7.33E-02	0.109395	3.68E-02	1.31E-04	8.15E-02	0.118404	3.49E-02	1.66E-04	1.56E-01	1.92E-01
5767	488787.28	3858235.69	2.47066	2.04176	2.77153	3.79E-02	1.49E-04	7.43E-02	0.112395	3.87E-02	1.46E-04	8.27E-02	0.121565	3.68E-02	1.86E-04	1.59E-01	1.96E-01
5768	488712.68	3858281.57	2.53486	2.30369	2.85556	3.89E-02	1.68E-04	7.66E-02	0.115653	3.97E-02	1.65E-04	8.52E-02	0.125097	3.78E-02	2.10E-04	1.64E-01	2.02E-01
5769	488654.39	3858436.17	2.67244	1.95056	2.97149	4.10E-02	1.42E-04	7.97E-02	0.120848	4.19E-02	1.40E-04	8.86E-02	0.130688	3.98E-02	1.77E-04	1.70E-01	2.10E-01
5770	488726.3	3858505.26	2.60305	1.87048	2.8939	3.99E-02	1.36E-04	7.76E-02	0.117696	4.08E-02	1.34E-04	8.63E-02	0.127279	3.88E-02	1.70E-04	1.66E-01	2.05E-01
5771	488880.6	3858599.28	2.43175	1.70801	2.63073	3.73E-02	1.24E-04	7.06E-02	0.107997	3.81E-02	1.22E-04	7.85E-02	0.116731	3.62E-02	1.55E-04	1.51E-01	1.87E-01
5772	489008.06	3858714.75	2.37394	1.54354	2.21355	3.64E-02	1.12E-04	5.94E-02	0.095909	3.72E-02	1.11E-04	6.60E-02	0.103367	3.54E-02	1.40E-04	1.27E-01	1.62E-01
5773	489071.48	3858772.72	2.27107	1.41997	2.02194	3.48E-02	1.03E-04	5.42E-02	0.089183	3.56E-02	1.02E-04	6.03E-02	0.096029	3.38E-02	1.29E-04	1.16E-01	1.50E-01
5774	489244.59	3858920.19	1.92484	1.19422	1.6791	2.95E-02	8.69E-05	4.50E-02	0.074658	3.02E-02	8.56E-05	5.01E-02	0.080357	2.87E-02	1.09E-04	9.62E-02	1.25E-01
5775	489239.69	3858952.23	1.92719	1.21342	1.70742	2.96E-02	8.83E-05	4.58E-02	0.075455	3.02E-02	8.69E-05	5.09E-02	0.08124	2.87E-02	1.10E-04	9.78E-02	1.27E-01
5776	489121.67	3858854.49	2.1301	1.27056	1.78981	3.27E-02	9.25E-05	4.80E-02	0.080783	3.34E-02	9.10E-05	5.34E-02	0.086883	3.17E-02	1.16E-04	1.03E-01	1.34E-01
5777	489059.59	3858797.27	2.26395	1.32412	1.91048	3.47E-02	9.64E-05	5.12E-02	0.086077	3.55E-02	9.49E-05	5.70E-02	0.092586	3.37E-02	1.20E-04	1.09E-01	1.43E-01

5778	488997.52	3858740.04	2.38333	1.43897	2.11786	3.66E-02	1.05E-04	5.68E-02	0.093479	3.74E-02	1.03E-04	6.32E-02	0.100652	3.55E-02	1.31E-04	1.21E-01	1.57E-01
5779	488935.44	3858682.82	2.49757	1.56881	2.32105	3.83E-02	1.14E-04	6.23E-02	0.100692	3.92E-02	1.12E-04	6.92E-02	0.108514	3.72E-02	1.43E-04	1.33E-01	1.70E-01
5780	488869.17	3858848.43	3.27371	1.54918	2.0622	5.02E-02	1.13E-04	5.53E-02	0.105658	5.13E-02	1.11E-04	6.15E-02	0.11296	4.88E-02	1.41E-04	1.18E-01	1.67E-01
5781	488932.48	3858892.69	3.03546	1.49067	1.94072	4.66E-02	1.09E-04	5.21E-02	0.098739	4.76E-02	1.07E-04	5.79E-02	0.105596	4.52E-02	1.36E-04	1.11E-01	1.57E-01
5782	489063.27	3858977.17	2.2923	1.39721	1.75313	3.52E-02	1.02E-04	4.70E-02	0.082297	3.59E-02	1.00E-04	5.23E-02	0.088341	3.41E-02	1.27E-04	1.00E-01	1.35E-01
5783	489248.2	3859117.15	1.86363	1.25599	1.57118	2.86E-02	9.14E-05	4.21E-02	0.070829	2.92E-02	9.00E-05	4.69E-02	0.076182	2.78E-02	1.14E-04	9.00E-02	1.18E-01
5784	489296.25	3859049.22	1.7657	1.19812	1.64866	2.71E-02	8.72E-05	4.42E-02	0.0714	2.77E-02	8.58E-05	4.92E-02	0.076954	2.63E-02	1.09E-04	9.44E-02	1.21E-01
5785	489353.38	3858993.96	1.70216	1.13966	1.60351	2.61E-02	8.30E-05	4.30E-02	0.06921	2.67E-02	8.17E-05	4.78E-02	0.074606	2.54E-02	1.04E-04	9.19E-02	1.17E-01
5786	489537.24	3859120.22	1.46839	1.05503	1.48109	2.25E-02	7.68E-05	3.97E-02	0.062333	2.30E-02	7.56E-05	4.42E-02	0.067283	2.19E-02	9.60E-05	8.48E-02	1.07E-01
5787	489726.98	3859246.04	1.35791	0.98239	1.35125	2.08E-02	7.15E-05	3.62E-02	0.05715	2.13E-02	7.04E-05	4.03E-02	0.061672	2.02E-02	8.94E-05	7.74E-02	9.77E-02
5788	489911.46	3859366.33	1.27168	0.92186	1.24057	1.95E-02	6.71E-05	3.33E-02	0.052854	1.99E-02	6.61E-05	3.70E-02	0.057014	1.89E-02	8.39E-05	7.11E-02	9.01E-02
5789	490035.3	3859430.26	1.18213	0.88984	1.1714	1.81E-02	6.48E-05	3.14E-02	0.049622	1.85E-02	6.38E-05	3.49E-02	0.053544	1.76E-02	8.09E-05	6.71E-02	8.48E-02
5790	490101.11	3859458.61	1.14874	0.87125	1.14503	1.76E-02	6.34E-05	3.07E-02	0.048401	1.80E-02	6.24E-05	3.42E-02	0.052233	1.71E-02	7.93E-05	6.56E-02	8.28E-02
5791	490312.68	3859560.3	1.05319	0.80035	1.06316	1.62E-02	5.83E-05	2.85E-02	0.044734	1.65E-02	5.73E-05	3.17E-02	0.048287	1.57E-02	7.28E-05	6.09E-02	7.67E-02
5792	490401.63	3859603.12	1.02131	0.77346	1.0341	1.57E-02	5.63E-05	2.77E-02	0.043464	1.60E-02	5.54E-05	3.08E-02	0.046918	1.52E-02	7.04E-05	5.92E-02	7.45E-02
5793	490490.57	3859645.94	0.99349	0.74802	1.00768	1.52E-02	5.44E-05	2.70E-02	0.042326	1.56E-02	5.36E-05	3.01E-02	0.045692	1.48E-02	6.80E-05	5.77E-02	7.26E-02
5794	490579.51	3859688.76	0.97189	0.73001	0.98439	1.49E-02	5.31E-05	2.64E-02	0.041369	1.52E-02	5.23E-05	2.94E-02	0.044657	1.45E-02	6.64E-05	5.64E-02	7.09E-02
5795	490668.45	3859731.58	0.95695	0.72588	0.96481	1.47E-02	5.28E-05	2.59E-02	0.040614	1.50E-02	5.20E-05	2.88E-02	0.043839	1.43E-02	6.60E-05	5.53E-02	6.96E-02
5796	490757.4	3859774.4	0.9273	0.71683	0.93953	1.42E-02	5.22E-05	2.52E-02	0.03948	1.45E-02	5.14E-05	2.80E-02	0.042619	1.38E-02	6.52E-05	5.38E-02	6.77E-02
5797	491003.53	3859861.82	0.85692	0.71607	0.89144	1.31E-02	5.21E-05	2.39E-02	0.037111	1.34E-02	5.13E-05	2.66E-02	0.040081	1.28E-02	6.51E-05	5.11E-02	6.39E-02
5798	491081.41	3859879.05	0.83907	0.69921	0.88263	1.29E-02	5.09E-05	2.37E-02	0.036599	1.32E-02	5.01E-05	2.63E-02	0.039537	1.25E-02	6.36E-05	5.06E-02	6.31E-02
5799	491229.76	3859917.82	0.81707	0.66648	0.86835	1.25E-02	4.85E-05	2.33E-02	0.035876	1.28E-02	4.78E-05	2.59E-02	0.038764	1.22E-02	6.06E-05	4.97E-02	6.20E-02
5800	491300.22	3859939.35	0.80393	0.65478	0.85706	1.23E-02	4.77E-05	2.30E-02	0.035371	1.26E-02	4.69E-05	2.56E-02	0.03822	1.20E-02	5.96E-05	4.91E-02	6.11E-02
5801	491350.48	3860012.03	0.76282	0.649	0.80999	1.17E-02	4.72E-05	2.17E-02	0.033477	1.20E-02	4.65E-05	2.42E-02	0.036171	1.14E-02	5.90E-05	4.64E-02	5.78E-02
5802	491406.82	3860092.56	0.74813	0.62685	0.77399	1.15E-02	4.56E-05	2.08E-02	0.032285	1.17E-02	4.49E-05	2.31E-02	0.034865	1.11E-02	5.70E-05	4.43E-02	5.55E-02
5803	491483.36	3860121.96	0.73512	0.63413	0.76436	1.13E-02	4.62E-05	2.05E-02	0.031827	1.15E-02	4.54E-05	2.28E-02	0.034374	1.10E-02	5.77E-05	4.38E-02	5.48E-02
5804	491559.91	3860151.35	0.72157	0.62315	0.75335	1.11E-02	4.54E-05	2.02E-02	0.031323	1.13E-02	4.47E-05	2.25E-02	0.033832	1.07E-02	5.67E-05	4.32E-02	5.40E-02
5805	491711.81	3860237.76	0.71939	0.61834	0.74988	1.10E-02	4.50E-05	2.01E-02	0.031196	1.13E-02	4.43E-05	2.24E-02	0.033694	1.07E-02	5.62E-05	4.30E-02	5.37E-02
5806	491755.2	3860319.07	0.67096	0.56237	0.6866	1.03E-02	4.09E-05	1.84E-02	0.028752	1.05E-02	4.03E-05	2.05E-02	0.031043	1.00E-02	5.12E-05	3.93E-02	4.94E-02
5807	491704.71	3860366.54	0.65139	0.52413	0.6572	1.00E-02	3.82E-05	1.76E-02	0.02766	1.02E-02	3.76E-05	1.96E-02	0.029857	9.70E-03	4.77E-05	3.76E-02	4.74E-02
5808	491623.42	3860462.39	0.57607	0.55037	0.6295	8.84E-03	4.01E-05	1.69E-02	0.025763	9.03E-03	3.94E-05	1.88E-02	0.027851	8.58E-03	5.01E-05	3.61E-02	4.47E-02
5809	491534.02	3860439.85	0.585	0.59163	0.64478	8.98E-03	4.31E-05	1.73E-02	0.026313	9.17E-03	4.24E-05	1.92E-02	0.02845	8.71E-03	5.38E-05	3.69E-02	4.57E-02
5810	491313.95	3860268.17	0.64162	0.59507	0.6894	9.85E-03	4.33E-05	1.85E-02	0.028379	1.01E-02	4.26E-05	2.06E-02	0.030669	9.56E-03	5.41E-05	3.95E-02	4.91E-02
5811	491187.12	3860143.56	0.72046	0.62775	0.75695	1.11E-02	4.57E-05	2.03E-02	0.031403	1.13E-02	4.50E-05	2.26E-02	0.033923	1.07E-02	5.71E-05	4.34E-02	5.42E-02
5812	491070.43	3860075.97	0.75611	0.65282	0.78323	1.16E-02	4.75E-05	2.10E-02	0.032657	1.19E-02	4.68E-05	2.34E-02	0.035267	1.13E-02	5.94E-05	4.49E-02	5.62E-02
5813	490995.09	3860039.38	0.77311	0.66983	0.80023	1.19E-02	4.88E-05	2.15E-02	0.033375	1.21E-02	4.80E-05	2.39E-02	0.036042	1.15E-02	6.09E-05	4.58E-02	5.74E-02
5814	490919.75	3860002.8	0.79115	0.68753	0.81786	1.21E-02	5.00E-05	2.19E-02	0.034126	1.24E-02	4.93E-05	2.44E-02	0.036852	1.18E-02	6.25E-05	4.69E-02	5.87E-02
5815	490756.81	3859894.53	0.85894	0.7242	0.85736	1.32E-02	5.27E-05	2.30E-02	0.036228	1.35E-02	5.19E-05	2.56E-02	0.039096	1.28E-02	6.59E-05	4.91E-02	6.20E-02
5816	490668.07	3859860.92	0.87356	0.74339	0.87718	1.34E-02	5.41E-05	2.35E-02	0.036985	1.37E-02	5.33E-05	2.62E-02	0.039918	1.30E-02	6.76E-05	5.02E-02	6.33E-02
5817	490579.34	3859827.3	0.8903	0.76797	0.88853	1.37E-02	5.59E-05	2.38E-02	0.037549	1.40E-02	5.50E-05	2.65E-02	0.040521	1.33E-02	6.99E-05	5.09E-02	6.42E-02
5818	490490.6	3859793.68	0.90272	0.77179	0.90742	1.39E-02	5.62E-05	2.43E-02	0.038246	1.42E-02	5.53E-05	2.71E-02	0.04128	1.34E-02	7.02E-05	5.20E-02	6.55E-02
5819	490401.86	3859760.07	0.90799	0.79745	0.9008	1.39E-02	5.80E-05	2.42E-02	0.038151	1.42E-02	5.71E-05	2.69E-02	0.041167	1.35E-02	7.25E-05	5.16E-02	6.52E-02
5820	490313.12	3859726.45	0.90518	0.82388	0.93102	1.39E-02	6.00E-05	2.50E-02	0.038921	1.42E-02	5.90E-05	2.78E-02	0.042026	1.35E-02	7.49E-05	5.33E-02	6.69E-02
5821	490224.39	3859692.83	0.91789	0.84544	0.9725	1.41E-02	6.15E-05	2.61E-02	0.04023	1.44E-02	6.06E-05	2.90E-02	0.043464	1.37E-02	7.69E-05	5.57E-02	6.95E-02
5822	490135.65	3859659.22	0.92087	0.87548	1.0001	1.41E-02	6.37E-05	2.68E-02	0.041018	1.44E-02	6.27E-05	2.98E-02	0.044336	1.37E-02	7.96E-05	5.73E-02	7.11E-02
5823	489918.18	3859559.23	1.03391	0.9323	1.11819	1.59E-02	6.79E-05	3.00E-02	0.045924	1.62E-02	6.68E-05	3.34E-02	0.049636	1.54E-02	8.48E-05	6.41E-02	7.95E-02
5824	489743.61	3859486	1.12163	0.98513	1.19786	1.72E-02	7.17E-05	3.21E-02	0.049411	1.76E-02	7.06E-05	3.57E-02	0.053392	1.67E-02	8.96E-05	6.86E-02	8.54E-02

5825	489660.32	3859440.27	1.1759	1.01052	1.24236	1.80E-02	7.36E-05	3.33E-02	0.051439	1.84E-02	7.24E-05	3.71E-02	0.055572	1.75E-02	9.19E-05	7.12E-02	8.88E-02
5826	489577.04	3859394.53	1.23657	1.03706	1.30321	1.90E-02	7.55E-05	3.50E-02	0.054004	1.94E-02	7.43E-05	3.89E-02	0.05834	1.84E-02	9.43E-05	7.47E-02	9.32E-02
5827	489493.75	3859348.8	1.30078	1.06245	1.36655	2.00E-02	7.73E-05	3.67E-02	0.05669	2.04E-02	7.61E-05	4.08E-02	0.061239	1.94E-02	9.66E-05	7.83E-02	9.78E-02
5828	489321.28	3859240.02	1.45078	1.15281	1.51743	2.23E-02	8.39E-05	4.07E-02	0.063045	2.27E-02	8.26E-05	4.53E-02	0.068098	2.16E-02	1.05E-04	8.69E-02	1.09E-01
5829	489235.41	3859193.96	1.572	1.20348	1.58477	2.41E-02	8.76E-05	4.25E-02	0.066715	2.46E-02	8.62E-05	4.73E-02	0.072011	2.34E-02	1.09E-04	9.08E-02	1.14E-01
5830	489149.54	3859147.89	1.70838	1.18605	1.66781	2.62E-02	8.63E-05	4.47E-02	0.071033	2.68E-02	8.50E-05	4.98E-02	0.076626	2.54E-02	1.08E-04	9.55E-02	1.21E-01
5831	489063.68	3859101.82	1.87735	1.25615	1.7799	2.88E-02	9.14E-05	4.77E-02	0.076637	2.94E-02	9.00E-05	5.31E-02	0.082624	2.80E-02	1.14E-04	1.02E-01	1.30E-01
5832	488977.81	3859055.75	2.09538	1.33866	1.87797	3.22E-02	9.74E-05	5.04E-02	0.082619	3.29E-02	9.59E-05	5.60E-02	0.088974	3.12E-02	1.22E-04	1.08E-01	1.39E-01
5833	488891.94	3859009.69	2.31845	1.4181	1.96581	3.56E-02	1.03E-04	5.27E-02	0.088404	3.64E-02	1.02E-04	5.86E-02	0.095098	3.45E-02	1.29E-04	1.13E-01	1.47E-01
5834	488808	3859060.73	1.90392	1.50283	1.95251	2.92E-02	1.09E-04	5.24E-02	0.081693	2.99E-02	1.08E-04	5.82E-02	0.088207	2.84E-02	1.37E-04	1.12E-01	1.40E-01
5835	488809.93	3859157.85	1.69653	1.43511	1.89285	2.60E-02	1.04E-04	5.08E-02	0.076905	2.66E-02	1.03E-04	5.65E-02	0.083171	2.53E-02	1.31E-04	1.08E-01	1.34E-01
5836	488811.85	3859254.96	1.48925	1.36078	1.69149	2.29E-02	9.91E-05	4.54E-02	0.068318	2.34E-02	9.75E-05	5.05E-02	0.073909	2.22E-02	1.24E-04	9.69E-02	1.19E-01
5837	488813.78	3859352.07	1.46324	1.33819	1.60484	2.25E-02	9.74E-05	4.30E-02	0.065594	2.29E-02	9.59E-05	4.79E-02	0.070914	2.18E-02	1.22E-04	9.19E-02	1.14E-01
5838	488815.71	3859449.19	1.40945	1.24291	1.42177	2.16E-02	9.05E-05	3.81E-02	0.059851	2.21E-02	8.91E-05	4.24E-02	0.064603	2.10E-02	1.13E-04	8.14E-02	1.03E-01
5839	488910.04	3859547.1	1.30728	1.1875	1.34547	2.01E-02	8.64E-05	3.61E-02	0.056233	2.05E-02	8.51E-05	4.01E-02	0.060721	1.95E-02	1.08E-04	7.71E-02	9.67E-02
5840	489002.45	3859547.91	1.28359	1.21423	1.44412	1.97E-02	8.84E-05	3.87E-02	0.058517	2.01E-02	8.70E-05	4.31E-02	0.063294	1.91E-02	1.10E-04	8.27E-02	1.02E-01
5841	489094.85	3859548.71	1.30714	1.19072	1.42122	2.01E-02	8.67E-05	3.81E-02	0.058263	2.05E-02	8.53E-05	4.24E-02	0.062978	1.95E-02	1.08E-04	8.14E-02	1.01E-01
5842	489230.05	3859601.87	1.23008	1.10218	1.40582	1.89E-02	8.02E-05	3.77E-02	0.056661	1.93E-02	7.90E-05	4.19E-02	0.061304	1.83E-02	1.00E-04	8.05E-02	9.90E-02
5843	489227.52	3859680.89	1.21425	1.12121	1.33399	1.86E-02	8.16E-05	3.58E-02	0.054493	1.90E-02	8.03E-05	3.98E-02	0.058915	1.81E-02	1.02E-04	7.64E-02	9.46E-02
5844	489133.47	3859760.29	1.14143	1.08123	1.23744	1.75E-02	7.87E-05	3.32E-02	0.050783	1.79E-02	7.75E-05	3.69E-02	0.05489	1.70E-02	9.84E-05	7.09E-02	8.80E-02
5845	489041.96	3859760.67	1.10604	1.02596	1.24757	1.70E-02	7.47E-05	3.35E-02	0.050507	1.73E-02	7.35E-05	3.72E-02	0.054633	1.65E-02	9.33E-05	7.15E-02	8.80E-02
5846	488950.45	3859761.05	1.16597	1.02599	1.27902	1.79E-02	7.47E-05	3.43E-02	0.052271	1.83E-02	7.35E-05	3.82E-02	0.056511	1.74E-02	9.33E-05	7.33E-02	9.07E-02
5847	488858.94	3859761.43	1.11978	0.96995	1.24919	1.72E-02	7.06E-05	3.35E-02	0.050758	1.76E-02	6.95E-05	3.73E-02	0.054893	1.67E-02	8.82E-05	7.16E-02	8.83E-02
5848	488767.43	3859761.82	1.08277	0.9714	1.17055	1.66E-02	7.07E-05	3.14E-02	0.048081	1.70E-02	6.96E-05	3.49E-02	0.051967	1.61E-02	8.84E-05	6.71E-02	8.33E-02
5849	488675.92	3859762.2	1.04558	0.98663	1.19381	1.60E-02	7.18E-05	3.20E-02	0.048135	1.64E-02	7.07E-05	3.56E-02	0.052079	1.56E-02	8.97E-05	6.84E-02	8.41E-02
5850	488584.41	3859762.58	1.03715	0.921	1.19052	1.59E-02	6.70E-05	3.19E-02	0.047913	1.63E-02	6.60E-05	3.55E-02	0.051844	1.55E-02	8.38E-05	6.82E-02	8.37E-02
5851	488492.9	3859762.96	0.97342	0.95889	1.16452	1.49E-02	6.98E-05	3.12E-02	0.04624	1.53E-02	6.87E-05	3.47E-02	0.050071	1.45E-02	8.72E-05	6.67E-02	8.13E-02
5852	488402.76	3859830.95	0.9204	0.94069	1.07794	1.41E-02	6.85E-05	2.89E-02	0.043103	1.44E-02	6.74E-05	3.22E-02	0.046656	1.37E-02	8.56E-05	6.17E-02	7.55E-02
5853	488404.14	3859898.55	0.8863	0.94049	1.01089	1.36E-02	6.85E-05	2.71E-02	0.040781	1.39E-02	6.74E-05	3.02E-02	0.044121	1.32E-02	8.55E-05	5.79E-02	7.12E-02
5854	488505.18	3859964.96	0.87093	0.86493	1.02812	1.34E-02	6.30E-05	2.76E-02	0.041002	1.37E-02	6.20E-05	3.07E-02	0.044389	1.30E-02	7.87E-05	5.89E-02	7.19E-02
5855	488604.84	3859963.76	0.86559	0.88572	1.04915	1.33E-02	6.45E-05	2.81E-02	0.041486	1.36E-02	6.35E-05	3.13E-02	0.044934	1.29E-02	8.06E-05	6.01E-02	7.31E-02
5856	488704.51	3859962.56	0.90779	0.84394	1.12597	1.39E-02	6.14E-05	3.02E-02	0.044191	1.42E-02	6.05E-05	3.36E-02	0.047884	1.35E-02	7.68E-05	6.45E-02	7.81E-02
5857	488804.18	3859961.37	0.97307	0.90252	1.09038	1.49E-02	6.57E-05	2.92E-02	0.044242	1.53E-02	6.47E-05	3.25E-02	0.04785	1.45E-02	8.21E-05	6.25E-02	7.70E-02
5858	488903.85	3859960.17	0.94939	0.88922	1.09401	1.46E-02	6.47E-05	2.93E-02	0.043975	1.49E-02	6.37E-05	3.26E-02	0.047586	1.41E-02	8.09E-05	6.27E-02	7.69E-02
5859	489003.52	3859958.97	0.98301	0.89163	1.13495	1.51E-02	6.49E-05	3.04E-02	0.045589	1.54E-02	6.39E-05	3.39E-02	0.049335	1.46E-02	8.11E-05	6.50E-02	7.97E-02
5860	489103.18	3859957.77	1.04933	0.90711	1.11136	1.61E-02	6.60E-05	2.98E-02	0.045975	1.65E-02	6.50E-05	3.32E-02	0.049672	1.56E-02	8.25E-05	6.37E-02	7.94E-02
5861	489201.48	3860046.59	1.00885	0.87976	1.0735	1.55E-02	6.40E-05	2.88E-02	0.044337	1.58E-02	6.30E-05	3.20E-02	0.047906	1.50E-02	8.00E-05	6.15E-02	7.66E-02
5862	489200.11	3860136.61	0.90611	0.8467	1.02544	1.39E-02	6.16E-05	2.75E-02	0.041469	1.42E-02	6.07E-05	3.06E-02	0.044859	1.35E-02	7.70E-05	5.87E-02	7.23E-02
5863	489198.74	3860226.63	0.85762	0.80214	0.97512	1.32E-02	5.84E-05	2.62E-02	0.039372	1.34E-02	5.75E-05	2.91E-02	0.042594	1.28E-02	7.30E-05	5.59E-02	6.87E-02
5864	489197.38	3860316.65	0.79217	0.79233	0.95874	1.22E-02	5.77E-05	2.57E-02	0.037928	1.24E-02	5.68E-05	2.86E-02	0.041079	1.18E-02	7.21E-05	5.49E-02	6.68E-02
5865	489196.01	3860406.68	0.79044	0.78775	0.91599	1.21E-02	5.73E-05	2.46E-02	0.036754	1.24E-02	5.64E-05	2.73E-02	0.039776	1.18E-02	7.17E-05	5.25E-02	6.43E-02
5866	489194.64	3860496.7	0.72976	0.74833	0.90966	1.12E-02	5.45E-05	2.44E-02	0.03565	1.14E-02	5.36E-05	2.71E-02	0.038633	1.09E-02	6.81E-05	5.21E-02	6.30E-02
5867	489193.27	3860586.72	0.67256	0.68061	0.85744	1.03E-02	4.95E-05	2.30E-02	0.033367	1.05E-02	4.88E-05	2.56E-02	0.036173	1.00E-02	6.19E-05	4.91E-02	5.92E-02
5868	489092.02	3860678.13	0.66553	0.63293	0.76347	1.02E-02	4.61E-05	2.05E-02	0.030735	1.04E-02	4.54E-05	2.28E-02	0.033256	9.91E-03	5.76E-05	4.37E-02	5.37E-02
5869	488992.13	3860679.52	0.66022	0.62027	0.75061	1.01E-02	4.52E-05	2.01E-02	0.030308	1.04E-02	4.44E-05	2.24E-02	0.032789	9.84E-03	5.64E-05	4.30E-02	5.29E-02
5870	488892.24	3860680.92	0.64724	0.67796	0.73191	9.93E-03	4.94E-05	1.96E-02	0.029612	1.01E-02	4.86E-05	2.18E-02	0.032031	9.64E-03	6.17E-05	4.19E-02	5.16E-02
5871	488792.36	3860682.31	0.62607	0.67525	0.70976	9.61E-03	4.92E-05	1.90E-02	0.028692	9.82E-03	4.84E-05	2.12E-02	0.031038	9.33E-03	6.14E-05	4.07E-02	5.00E-02

5872	488692.47	3860683.7	0.60353	0.64215	0.71424	9.26E-03	4.67E-05	1.92E-02	0.028464	9.46E-03	4.60E-05	2.13E-02	0.030816	8.99E-03	5.84E-05	4.09E-02	5.00E-02
5873	488592.59	3860685.1	0.60342	0.61992	0.72341	9.26E-03	4.51E-05	1.94E-02	0.028707	9.46E-03	4.44E-05	2.16E-02	0.031087	8.99E-03	5.64E-05	4.14E-02	5.05E-02
5874	488492.71	3860686.49	0.61202	0.59126	0.72964	9.39E-03	4.30E-05	1.96E-02	0.029004	9.60E-03	4.24E-05	2.18E-02	0.031405	9.12E-03	5.38E-05	4.18E-02	5.10E-02
5875	488299.07	3860762.18	0.61888	0.59596	0.70672	9.50E-03	4.34E-05	1.90E-02	0.028495	9.70E-03	4.27E-05	2.11E-02	0.030829	9.22E-03	5.42E-05	4.05E-02	4.98E-02
5876	488205.32	3860764.09	0.59026	0.57575	0.69169	9.06E-03	4.19E-05	1.86E-02	0.027651	9.25E-03	4.13E-05	2.06E-02	0.029931	8.79E-03	5.24E-05	3.96E-02	4.85E-02
5877	488111.56	3860766	0.55345	0.55718	0.68233	8.49E-03	4.06E-05	1.83E-02	0.026834	8.68E-03	3.99E-05	2.04E-02	0.029073	8.24E-03	5.07E-05	3.91E-02	4.74E-02
5878	488017.81	3860767.91	0.5637	0.54984	0.67463	8.65E-03	4.00E-05	1.81E-02	0.026784	8.84E-03	3.94E-05	2.01E-02	0.029003	8.40E-03	5.00E-05	3.86E-02	4.71E-02
5879	487924.06	3860769.81	0.57455	0.56403	0.66978	8.82E-03	4.11E-05	1.80E-02	0.026821	9.01E-03	4.04E-05	2.00E-02	0.02903	8.56E-03	5.13E-05	3.84E-02	4.70E-02
5880	487830.31	3860771.72	0.56015	0.60668	0.64008	8.60E-03	4.42E-05	1.72E-02	0.025807	8.78E-03	4.35E-05	1.91E-02	0.027921	8.34E-03	5.52E-05	3.67E-02	4.51E-02
5881	487736.55	3860773.63	0.53404	0.61749	0.61476	8.19E-03	4.49E-05	1.65E-02	0.024728	8.37E-03	4.42E-05	1.83E-02	0.026757	7.96E-03	5.62E-05	3.52E-02	4.32E-02
5882	487642.8	3860775.54	0.52152	0.61141	0.60853	8.00E-03	4.45E-05	1.63E-02	0.024368	8.18E-03	4.38E-05	1.82E-02	0.026375	7.77E-03	5.56E-05	3.49E-02	4.27E-02
5883	487549.48	3860684.71	0.54387	0.66428	0.62518	8.35E-03	4.84E-05	1.68E-02	0.025162	8.53E-03	4.76E-05	1.87E-02	0.027226	8.10E-03	6.04E-05	3.58E-02	4.40E-02
5884	487549.91	3860591.97	0.55621	0.64953	0.6466	8.54E-03	4.73E-05	1.73E-02	0.025925	8.72E-03	4.65E-05	1.93E-02	0.028057	8.29E-03	5.91E-05	3.70E-02	4.54E-02
5885	487550.34	3860499.23	0.58608	0.69545	0.6721	8.99E-03	5.06E-05	1.80E-02	0.02707	9.19E-03	4.98E-05	2.01E-02	0.029289	8.73E-03	6.33E-05	3.85E-02	4.73E-02
5886	487550.76	3860406.49	0.62596	0.71031	0.69989	9.61E-03	5.17E-05	1.88E-02	0.028429	9.81E-03	5.09E-05	2.09E-02	0.030745	9.32E-03	6.46E-05	4.01E-02	4.95E-02
5887	487551.19	3860313.75	0.66537	0.6983	0.73479	1.02E-02	5.08E-05	1.97E-02	0.029968	1.04E-02	5.00E-05	2.19E-02	0.032403	9.91E-03	6.35E-05	4.21E-02	5.21E-02
5888	487551.62	3860221.01	0.69989	0.7183	0.78244	1.07E-02	5.23E-05	2.10E-02	0.031778	1.10E-02	5.15E-05	2.33E-02	0.034367	1.04E-02	6.53E-05	4.48E-02	5.53E-02
5889	487552.05	3860128.27	0.74057	0.74023	0.83791	1.14E-02	5.39E-05	2.25E-02	0.033891	1.16E-02	5.30E-05	2.50E-02	0.036661	1.10E-02	6.73E-05	4.80E-02	5.91E-02
5890	487552.48	3860035.53	0.78052	0.75556	0.88291	1.20E-02	5.50E-05	2.37E-02	0.035712	1.22E-02	5.41E-05	2.63E-02	0.038631	1.16E-02	6.87E-05	5.06E-02	6.23E-02
5891	487552.91	3859942.79	0.81261	0.77433	0.91789	1.25E-02	5.64E-05	2.46E-02	0.037144	1.27E-02	5.55E-05	2.74E-02	0.040179	1.21E-02	7.04E-05	5.26E-02	6.48E-02
5892	487553.33	3859850.05	0.84835	0.84603	0.95814	1.30E-02	6.16E-05	2.57E-02	0.038777	1.33E-02	6.06E-05	2.86E-02	0.041946	1.26E-02	7.70E-05	5.49E-02	6.76E-02
5893	487553.76	3859757.31	0.87947	0.92837	0.97907	1.35E-02	6.76E-05	2.63E-02	0.039822	1.38E-02	6.65E-05	2.92E-02	0.043064	1.31E-02	8.44E-05	5.61E-02	6.93E-02
5894	487554.19	3859664.57	0.91427	0.93177	0.99987	1.40E-02	6.78E-05	2.68E-02	0.040914	1.43E-02	6.68E-05	2.98E-02	0.04423	1.36E-02	8.48E-05	5.73E-02	7.10E-02
5895	487460.2	3859571.05	0.96919	1.01112	1.04909	1.49E-02	7.36E-05	2.81E-02	0.043083	1.52E-02	7.24E-05	3.13E-02	0.046565	1.44E-02	9.20E-05	6.01E-02	7.46E-02
5896	487365.78	3859570.27	0.95494	1.01278	1.05848	1.47E-02	7.37E-05	2.84E-02	0.043116	1.50E-02	7.26E-05	3.16E-02	0.046622	1.42E-02	9.21E-05	6.06E-02	7.50E-02
5897	487271.36	3859569.48	0.93384	0.92345	1.02679	1.43E-02	6.72E-05	2.75E-02	0.041936	1.46E-02	6.62E-05	3.06E-02	0.045339	1.39E-02	8.40E-05	5.88E-02	7.28E-02
5898	487176.94	3859568.7	0.91549	0.95261	0.99295	1.40E-02	6.93E-05	2.66E-02	0.040749	1.44E-02	6.83E-05	2.96E-02	0.044044	1.36E-02	8.67E-05	5.69E-02	7.06E-02
5899	487082.51	3859567.92	0.90913	0.93226	0.96848	1.40E-02	6.79E-05	2.60E-02	0.039994	1.43E-02	6.68E-05	2.89E-02	0.043213	1.35E-02	8.48E-05	5.55E-02	6.91E-02
5900	486988.09	3859567.14	0.88307	0.92116	0.93346	1.36E-02	6.71E-05	2.50E-02	0.038654	1.38E-02	6.60E-05	2.78E-02	0.041759	1.32E-02	8.38E-05	5.35E-02	6.67E-02
5901	486893.67	3859566.36	0.85831	0.89531	0.89804	1.32E-02	6.52E-05	2.41E-02	0.037322	1.35E-02	6.42E-05	2.68E-02	0.040312	1.28E-02	8.14E-05	5.14E-02	6.43E-02
5902	486799.25	3859565.58	0.83526	0.93811	0.87326	1.28E-02	6.83E-05	2.34E-02	0.036307	1.31E-02	6.72E-05	2.61E-02	0.039215	1.24E-02	8.53E-05	5.00E-02	6.26E-02
5903	486704.83	3859564.79	0.8158	0.95172	0.8541	1.25E-02	6.93E-05	2.29E-02	0.035495	1.28E-02	6.82E-05	2.55E-02	0.038339	1.22E-02	8.66E-05	4.89E-02	6.12E-02
5904	486610.41	3859564.01	0.83467	0.97989	0.83878	1.28E-02	7.13E-05	2.25E-02	0.035376	1.31E-02	7.02E-05	2.50E-02	0.03818	1.24E-02	8.91E-05	4.80E-02	6.06E-02
5905	486515.99	3859563.23	0.85036	1.04356	0.85729	1.30E-02	7.60E-05	2.30E-02	0.036118	1.33E-02	7.48E-05	2.56E-02	0.038983	1.27E-02	9.49E-05	4.91E-02	6.19E-02
5906	486421.57	3859562.45	0.85457	1.07752	0.86729	1.31E-02	7.84E-05	2.33E-02	0.036453	1.34E-02	7.72E-05	2.59E-02	0.039349	1.27E-02	9.80E-05	4.97E-02	6.25E-02
5907	486327.14	3859561.67	0.84473	1.08669	0.84883	1.30E-02	7.91E-05	2.28E-02	0.035808	1.32E-02	7.79E-05	2.53E-02	0.038645	1.26E-02	9.88E-05	4.86E-02	6.13E-02
5908	486232.72	3859560.89	0.82945	1.16217	0.82891	1.27E-02	8.46E-05	2.22E-02	0.035044	1.30E-02	8.33E-05	2.47E-02	0.037817	1.24E-02	1.06E-04	4.75E-02	5.99E-02
5909	486138.3	3859560.1	0.81583	1.03343	0.82854	1.25E-02	7.52E-05	2.22E-02	0.034816	1.28E-02	7.40E-05	2.47E-02	0.037583	1.22E-02	9.40E-05	4.75E-02	5.97E-02
5910	486043.88	3859559.32	0.79592	1.02151	0.81656	1.22E-02	7.44E-05	2.19E-02	0.034188	1.25E-02	7.32E-05	2.44E-02	0.036912	1.19E-02	9.29E-05	4.68E-02	5.87E-02
5911	485949.35	3859463.54	0.83386	1.2335	0.83824	1.28E-02	8.98E-05	2.25E-02	0.035368	1.31E-02	8.84E-05	2.50E-02	0.038169	1.24E-02	1.12E-04	4.80E-02	6.06E-02
5912	485949.24	3859368.55	0.87572	1.35467	0.90126	1.34E-02	9.86E-05	2.42E-02	0.037709	1.37E-02	9.71E-05	2.69E-02	0.040714	1.30E-02	1.23E-04	5.16E-02	6.48E-02
5913	485949.12	3859273.55	0.94775	1.40184	0.96498	1.45E-02	1.02E-04	2.59E-02	0.040527	1.49E-02	1.00E-04	2.88E-02	0.043748	1.41E-02	1.28E-04	5.53E-02	6.95E-02
5914	485949.01	3859178.56	1.00539	1.36507	1.02845	1.54E-02	9.94E-05	2.76E-02	0.043111	1.58E-02	9.78E-05	3.07E-02	0.046542	1.50E-02	1.24E-04	5.89E-02	7.40E-02
5915	485948.9	3859083.56	1.06742	1.44851	1.0991	1.64E-02	1.05E-04	2.95E-02	0.045964	1.67E-02	1.04E-04	3.28E-02	0.049629	1.59E-02	1.32E-04	6.30E-02	7.90E-02
5916	485948.79	3858988.56	1.13827	1.48746	1.17455	1.75E-02	1.08E-04	3.15E-02	0.049077	1.78E-02	1.07E-04	3.50E-02	0.052993	1.70E-02	1.35E-04	6.73E-02	8.44E-02
5917	485948.67	3858893.57	1.20834	1.48005	1.26183	1.85E-02	1.08E-04	3.38E-02	0.052493	1.89E-02	1.06E-04	3.76E-02	0.056695	1.80E-02	1.35E-04	7.23E-02	9.04E-02
5918	485948.56	3858798.57	1.2992	1.62771	1.35886	1.99E-02	1.18E-04	3.64E-02	0.0565	2.04E-02	1.17E-04	4.05E-02	0.061025	1.94E-02	1.48E-04	7.78E-02	9.73E-02

5919	485948.45	3858703.58	1.38498	1.57576	1.4091	2.13E-02	1.15E-04	3.78E-02	0.05916	2.17E-02	1.13E-04	4.20E-02	0.063865	2.06E-02	1.43E-04	8.07E-02	1.01E-01
5920	485948.34	3858608.58	1.52092	1.67887	1.4718	2.33E-02	1.22E-04	3.95E-02	0.062935	2.38E-02	1.20E-04	4.39E-02	0.067874	2.27E-02	1.53E-04	8.43E-02	1.07E-01
5921	485948.22	3858513.59	1.60685	1.91271	1.57187	2.47E-02	1.39E-04	4.22E-02	0.066955	2.52E-02	1.37E-04	4.69E-02	0.072224	2.39E-02	1.74E-04	9.00E-02	1.14E-01
5922	485948.11	3858418.59	1.68345	2.21842	1.68646	2.58E-02	1.61E-04	4.52E-02	0.071226	2.64E-02	1.59E-04	5.03E-02	0.076865	2.51E-02	2.02E-04	9.66E-02	1.22E-01
5923	485948	3858323.59	1.84374	2.50688	1.87821	2.83E-02	1.82E-04	5.04E-02	0.078849	2.89E-02	1.80E-04	5.60E-02	0.085119	2.75E-02	2.28E-04	1.08E-01	1.35E-01
5924	485947.89	3858228.6	2.00213	2.80956	2.02088	3.07E-02	2.05E-04	5.42E-02	0.085129	3.14E-02	2.01E-04	6.03E-02	0.09188	2.98E-02	2.56E-04	1.16E-01	1.46E-01
5925	485947.77	3858133.6	2.19588	2.99312	2.19075	3.37E-02	2.18E-04	5.88E-02	0.092671	3.44E-02	2.14E-04	6.54E-02	0.099999	3.27E-02	2.72E-04	1.25E-01	1.58E-01
5926	485947.66	3858038.61	2.4448	3.29356	2.4149	3.75E-02	2.40E-04	6.48E-02	0.102524	3.83E-02	2.36E-04	7.20E-02	0.11061	3.64E-02	3.00E-04	1.38E-01	1.75E-01
5927	485854.54	3857943.35	2.50839	3.58696	2.53627	3.85E-02	2.61E-04	6.80E-02	0.106777	3.93E-02	2.57E-04	7.57E-02	0.115249	3.74E-02	3.26E-04	1.45E-01	1.83E-01
5928	485761.52	3857943.09	2.38836	3.22522	2.39411	3.66E-02	2.35E-04	6.42E-02	0.101096	3.74E-02	2.31E-04	7.14E-02	0.1091	3.56E-02	2.93E-04	1.37E-01	1.73E-01
5929	485668.51	3857942.83	2.28515	2.82865	2.27342	3.51E-02	2.06E-04	6.10E-02	0.096246	3.58E-02	2.03E-04	6.78E-02	0.103853	3.40E-02	2.57E-04	1.30E-01	1.65E-01
5930	485575.5	3857942.56	2.16805	2.68339	2.18528	3.33E-02	1.95E-04	5.86E-02	0.092075	3.40E-02	1.92E-04	6.52E-02	0.099377	3.23E-02	2.44E-04	1.25E-01	1.58E-01
5931	485482.48	3857942.3	2.06604	2.69597	2.10732	3.17E-02	1.96E-04	5.65E-02	0.088419	3.24E-02	1.93E-04	6.29E-02	0.095453	3.08E-02	2.45E-04	1.21E-01	1.52E-01
5932	485389.47	3857942.04	1.98935	2.62923	2.01409	3.05E-02	1.91E-04	5.40E-02	0.084737	3.12E-02	1.88E-04	6.01E-02	0.091465	2.96E-02	2.39E-04	1.15E-01	1.45E-01
5933	485296.46	3857941.78	1.94139	2.30299	1.94185	2.98E-02	1.68E-04	5.21E-02	0.08204	3.04E-02	1.65E-04	5.79E-02	0.088534	2.89E-02	2.09E-04	1.11E-01	1.40E-01
5934	485203.45	3857941.52	1.89144	2.15668	1.90568	2.90E-02	1.57E-04	5.11E-02	0.080293	2.97E-02	1.55E-04	5.69E-02	0.086661	2.82E-02	1.96E-04	1.09E-01	1.38E-01
5935	485110.43	3857941.26	1.82582	1.95221	1.85646	2.80E-02	1.42E-04	4.98E-02	0.077951	2.86E-02	1.40E-04	5.54E-02	0.08415	2.72E-02	1.78E-04	1.06E-01	1.34E-01
5936	485017.42	3857940.99	1.76878	1.80106	1.80564	2.71E-02	1.31E-04	4.84E-02	0.075701	2.77E-02	1.29E-04	5.39E-02	0.081728	2.63E-02	1.64E-04	1.03E-01	1.30E-01
5937	484924.41	3857940.73	1.71521	1.76969	1.75777	2.63E-02	1.29E-04	4.71E-02	0.073593	2.69E-02	1.27E-04	5.24E-02	0.079458	2.56E-02	1.61E-04	1.01E-01	1.26E-01
5938	484831.39	3857940.47	1.67177	1.59862	1.71699	2.57E-02	1.16E-04	4.61E-02	0.07182	2.62E-02	1.15E-04	5.12E-02	0.077548	2.49E-02	1.45E-04	9.84E-02	1.23E-01
5939	484738.12	3857859.3	1.70696	1.59541	1.74068	2.62E-02	1.16E-04	4.67E-02	0.072996	2.68E-02	1.14E-04	5.19E-02	0.078806	2.54E-02	1.45E-04	9.97E-02	1.25E-01
5940	484737.85	3857778.4	1.79435	1.75218	1.81488	2.75E-02	1.28E-04	4.87E-02	0.076338	2.81E-02	1.26E-04	5.41E-02	0.082401	2.67E-02	1.59E-04	1.04E-01	1.31E-01
5941	484737.59	3857697.49	1.89185	1.60504	1.88	2.90E-02	1.17E-04	5.04E-02	0.07957	2.97E-02	1.15E-04	5.61E-02	0.085862	2.82E-02	1.46E-04	1.08E-01	1.36E-01
5942	484737.32	3857616.59	1.96525	1.64465	1.95294	3.02E-02	1.20E-04	5.24E-02	0.082656	3.08E-02	1.18E-04	5.83E-02	0.089192	2.93E-02	1.50E-04	1.12E-01	1.41E-01
5943	484645.53	3857535.18	2.00021	1.69713	1.97112	3.07E-02	1.24E-04	5.29E-02	0.083684	3.14E-02	1.22E-04	5.88E-02	0.090286	2.98E-02	1.54E-04	1.13E-01	1.43E-01
5944	484553.99	3857534.67	1.94563	1.68971	1.91611	2.99E-02	1.23E-04	5.14E-02	0.08137	3.05E-02	1.21E-04	5.72E-02	0.087789	2.90E-02	1.54E-04	1.10E-01	1.39E-01
5945	484462.46	3857534.17	1.90293	1.76871	1.87957	2.92E-02	1.29E-04	5.04E-02	0.079741	2.98E-02	1.27E-04	5.61E-02	0.086035	2.83E-02	1.61E-04	1.08E-01	1.36E-01
5946	484370.93	3857533.66	1.85111	1.758	1.84231	2.84E-02	1.28E-04	4.94E-02	0.077945	2.90E-02	1.26E-04	5.50E-02	0.08411	2.76E-02	1.60E-04	1.06E-01	1.33E-01
5947	484279.4	3857533.16	1.80939	1.77786	1.80926	2.78E-02	1.29E-04	4.85E-02	0.07642	2.84E-02	1.27E-04	5.40E-02	0.082471	2.70E-02	1.62E-04	1.04E-01	1.31E-01
5948	484187.86	3857532.65	1.77015	1.59332	1.774	2.72E-02	1.16E-04	4.76E-02	0.074859	2.78E-02	1.14E-04	5.29E-02	0.080791	2.64E-02	1.45E-04	1.02E-01	1.28E-01
5949	484096.33	3857532.15	1.73734	1.52844	1.74352	2.67E-02	1.11E-04	4.68E-02	0.073533	2.72E-02	1.10E-04	5.20E-02	0.079363	2.59E-02	1.39E-04	9.99E-02	1.26E-01
5950	484004.8	3857531.64	1.69908	1.39201	1.69632	2.61E-02	1.01E-04	4.55E-02	0.07167	2.66E-02	9.97E-05	5.06E-02	0.077345	2.53E-02	1.27E-04	9.72E-02	1.23E-01
5951	483913.27	3857531.14	1.64966	1.37743	1.6528	2.53E-02	1.00E-04	4.43E-02	0.069743	2.59E-02	9.87E-05	4.93E-02	0.075271	2.46E-02	1.25E-04	9.47E-02	1.19E-01
5952	483821.73	3857530.63	1.61444	1.39985	1.62307	2.48E-02	1.02E-04	4.35E-02	0.068407	2.53E-02	1.00E-04	4.84E-02	0.073833	2.41E-02	1.27E-04	9.30E-02	1.17E-01
5953	483729.61	3857450.11	1.6264	1.45771	1.64963	2.50E-02	1.06E-04	4.42E-02	0.069307	2.55E-02	1.04E-04	4.92E-02	0.074817	2.42E-02	1.33E-04	9.45E-02	1.19E-01
5954	483729.03	3857370.08	1.68158	1.4561	1.69893	2.58E-02	1.06E-04	4.56E-02	0.071476	2.64E-02	1.04E-04	5.07E-02	0.077153	2.51E-02	1.32E-04	9.73E-02	1.23E-01
5955	483728.44	3857290.06	1.73901	1.53845	1.73705	2.67E-02	1.12E-04	4.66E-02	0.073386	2.73E-02	1.10E-04	5.18E-02	0.079197	2.59E-02	1.40E-04	9.95E-02	1.26E-01
5956	483727.86	3857210.03	1.78061	1.53813	1.80703	2.73E-02	1.12E-04	4.85E-02	0.075901	2.79E-02	1.10E-04	5.39E-02	0.081937	2.65E-02	1.40E-04	1.04E-01	1.30E-01
5957	483641.15	3857129.07	1.79267	1.57849	1.84901	2.75E-02	1.15E-04	4.96E-02	0.077215	2.81E-02	1.13E-04	5.52E-02	0.083381	2.67E-02	1.44E-04	1.06E-01	1.33E-01
5958	483555.03	3857128.14	1.75686	1.62911	1.79384	2.70E-02	1.19E-04	4.81E-02	0.07519	2.75E-02	1.17E-04	5.35E-02	0.081177	2.62E-02	1.48E-04	1.03E-01	1.29E-01
5959	483468.91	3857127.2	1.71033	1.62882	1.73311	2.62E-02	1.19E-04	4.65E-02	0.072847	2.68E-02	1.17E-04	5.17E-02	0.078636	2.55E-02	1.48E-04	9.93E-02	1.25E-01
5960	483382.78	3857126.26	1.68535	1.67961	1.70115	2.59E-02	1.22E-04	4.56E-02	0.07161	2.64E-02	1.20E-04	5.07E-02	0.077294	2.51E-02	1.53E-04	9.74E-02	1.23E-01
5961	483296.66	3857125.32	1.65182	1.75849	1.66222	2.53E-02	1.28E-04	4.46E-02	0.070057	2.59E-02	1.26E-04	4.96E-02	0.075613	2.46E-02	1.60E-04	9.52E-02	1.20E-01
5962	483210.54	3857124.39	1.61484	1.6442	1.62378	2.48E-02	1.20E-04	4.36E-02	0.06845	2.53E-02	1.18E-04	4.84E-02	0.073878	2.41E-02	1.50E-04	9.30E-02	1.17E-01
5963	483123.4	3857030.96	1.62001	1.7357	1.65975	2.49E-02	1.26E-04	4.45E-02	0.069501	2.54E-02	1.24E-04	4.95E-02	0.075039	2.41E-02	1.58E-04	9.51E-02	1.19E-01
5964	483122.38	3856938.46	1.66796	1.97122	1.76276	2.56E-02	1.43E-04	4.73E-02	0.073017	2.62E-02	1.41E-04	5.26E-02	0.078881	2.48E-02	1.79E-04	1.01E-01	1.26E-01
5965	483121.35	3856845.97	1.71742	2.20395	1.86685	2.64E-02	1.60E-04	5.01E-02	0.076584	2.69E-02	1.58E-04	5.57E-02	0.082778	2.56E-02	2.00E-04	1.07E-01	1.33E-01

5966	483120.33	3856753.47	1.75292	2.40867	1.93245	2.69E-02	1.75E-04	5.18E-02	0.078903	2.75E-02	1.73E-04	5.76E-02	0.085306	2.61E-02	2.19E-04	1.11E-01	1.37E-01
5967	483119.31	3856660.98	1.82055	2.59972	2.01128	2.79E-02	1.89E-04	5.39E-02	0.082069	2.85E-02	1.86E-04	6.00E-02	0.088732	2.71E-02	2.36E-04	1.15E-01	1.43E-01
5968	483118.29	3856568.49	1.89509	2.787	2.11099	2.91E-02	2.03E-04	5.66E-02	0.085901	2.97E-02	2.00E-04	6.30E-02	0.092889	2.82E-02	2.54E-04	1.21E-01	1.49E-01
5969	483117.26	3856475.99	1.97087	2.8782	2.19116	3.02E-02	2.10E-04	5.88E-02	0.089221	3.09E-02	2.06E-04	6.54E-02	0.096475	2.94E-02	2.62E-04	1.26E-01	1.55E-01
5970	483116.24	3856383.5	2.03682	3.02879	2.25151	3.13E-02	2.20E-04	6.04E-02	0.091862	3.19E-02	2.17E-04	6.72E-02	0.09932	3.03E-02	2.76E-04	1.29E-01	1.60E-01
5971	483115.22	3856291.01	2.10243	3.50161	2.31684	3.23E-02	2.55E-04	6.21E-02	0.094656	3.30E-02	2.51E-04	6.91E-02	0.102332	3.13E-02	3.19E-04	1.33E-01	1.64E-01
5972	483114.2	3856198.51	2.16193	3.65867	2.37532	3.32E-02	2.66E-04	6.37E-02	0.097149	3.39E-02	2.62E-04	7.09E-02	0.105021	3.22E-02	3.33E-04	1.36E-01	1.69E-01
5973	483113.17	3856106.02	2.24526	3.85648	2.46694	3.45E-02	2.81E-04	6.62E-02	0.100899	3.52E-02	2.76E-04	7.36E-02	0.109075	3.34E-02	3.51E-04	1.41E-01	1.75E-01
5974	483112.15	3856013.52	2.32561	4.27529	2.54465	3.57E-02	3.11E-04	6.82E-02	0.104247	3.65E-02	3.06E-04	7.59E-02	0.112683	3.46E-02	3.89E-04	1.46E-01	1.81E-01
5975	483029.25	3855920.47	2.3426	4.77455	2.58046	3.59E-02	3.48E-04	6.92E-02	0.105504	3.67E-02	3.42E-04	7.70E-02	0.114053	3.49E-02	4.34E-04	1.48E-01	1.83E-01
5976	482947.37	3855919.91	2.2702	4.77486	2.49475	3.48E-02	3.48E-04	6.69E-02	0.102095	3.56E-02	3.42E-04	7.44E-02	0.110361	3.38E-02	4.34E-04	1.43E-01	1.77E-01
5977	482865.49	3855919.36	2.19657	4.66106	2.38307	3.37E-02	3.39E-04	6.39E-02	0.097961	3.44E-02	3.34E-04	7.11E-02	0.105867	3.27E-02	4.24E-04	1.37E-01	1.70E-01
5978	482783.61	3855918.8	2.13354	4.57408	2.27253	3.27E-02	3.33E-04	6.10E-02	0.094023	3.35E-02	3.28E-04	6.78E-02	0.101575	3.18E-02	4.16E-04	1.30E-01	1.62E-01
5979	482700.33	3855818.39	2.12452	4.78127	2.22156	3.26E-02	3.48E-04	5.96E-02	0.092532	3.33E-02	3.43E-04	6.63E-02	0.099927	3.16E-02	4.35E-04	1.27E-01	1.59E-01
5980	482698.92	3855718.54	2.19042	5.04737	2.32589	3.36E-02	3.67E-04	6.24E-02	0.096361	3.43E-02	3.62E-04	6.94E-02	0.104092	3.26E-02	4.59E-04	1.33E-01	1.66E-01
5981	482697.52	3855618.68	2.23473	5.47178	2.43092	3.43E-02	3.98E-04	6.52E-02	0.099889	3.50E-02	3.92E-04	7.25E-02	0.107951	3.33E-02	4.98E-04	1.39E-01	1.73E-01
5982	482696.11	3855518.83	2.30669	6.29755	2.54968	3.54E-02	4.58E-04	6.84E-02	0.104239	3.62E-02	4.51E-04	7.61E-02	0.112681	3.44E-02	5.73E-04	1.46E-01	1.81E-01
5983	482694.71	3855418.98	2.46422	6.61218	2.66064	3.78E-02	4.81E-04	7.14E-02	0.109655	3.86E-02	4.74E-04	7.94E-02	0.118484	3.67E-02	6.01E-04	1.52E-01	1.90E-01
5984	482693.3	3855319.13	2.50246	7.03144	2.79219	3.84E-02	5.12E-04	7.49E-02	0.1138	3.92E-02	5.04E-04	8.33E-02	0.123038	3.73E-02	6.40E-04	1.60E-01	1.98E-01
5985	482691.9	3855219.27	2.52835	7.1333	2.96777	3.88E-02	5.19E-04	7.96E-02	0.118914	3.96E-02	5.11E-04	8.85E-02	0.128689	3.77E-02	6.49E-04	1.70E-01	2.08E-01
5986	482690.49	3855119.42	2.61375	6.75563	3.14452	4.01E-02	4.92E-04	8.43E-02	0.124938	4.10E-02	4.84E-04	9.38E-02	0.135274	3.89E-02	6.15E-04	1.80E-01	2.20E-01
5987	482689.09	3855019.57	2.79233	7.54259	3.41171	4.28E-02	5.49E-04	9.15E-02	0.134902	4.38E-02	5.40E-04	1.02E-01	0.146101	4.16E-02	6.86E-04	1.95E-01	2.38E-01
5988	482687.68	3854919.71	2.87307	8.8434	3.64086	4.41E-02	6.44E-04	9.76E-02	0.142381	4.50E-02	6.34E-04	1.09E-01	0.154296	4.28E-02	8.04E-04	2.09E-01	2.52E-01
5989	482686.28	3854819.86	3.06854	8.26971	3.8967	4.71E-02	6.02E-04	1.05E-01	0.152201	4.81E-02	5.93E-04	1.16E-01	0.164952	4.57E-02	7.52E-04	2.23E-01	2.70E-01
5990	482684.88	3854720.01	3.1803	8.29235	4.12163	4.88E-02	6.04E-04	1.11E-01	0.15995	4.99E-02	5.94E-04	1.23E-01	0.173416	4.74E-02	7.54E-04	2.36E-01	2.84E-01
5991	482683.47	3854620.16	3.42486	7.30397	4.35718	5.26E-02	5.32E-04	1.17E-01	0.169948	5.37E-02	5.23E-04	1.30E-01	0.184207	5.10E-02	6.64E-04	2.50E-01	3.01E-01
5992	482682.07	3854520.31	3.4582	6.37041	4.81004	5.31E-02	4.64E-04	1.29E-01	0.182538	5.42E-02	4.56E-04	1.43E-01	0.198173	5.15E-02	5.79E-04	2.76E-01	3.28E-01
5993	482680.66	3854420.45	3.50476	6.48214	4.99311	5.38E-02	4.72E-04	1.34E-01	0.188171	5.50E-02	4.64E-04	1.49E-01	0.204372	5.22E-02	5.90E-04	2.86E-01	3.39E-01
5994	482679.26	3854320.6	3.33156	5.97629	4.52966	5.11E-02	4.35E-04	1.21E-01	0.173046	5.22E-02	4.28E-04	1.35E-01	0.187794	4.96E-02	5.44E-04	2.59E-01	3.10E-01
5995	482677.85	3854220.75	3.15194	4.99039	4.30347	4.84E-02	3.63E-04	1.15E-01	0.164151	4.94E-02	3.58E-04	1.28E-01	0.17816	4.70E-02	4.54E-04	2.47E-01	2.94E-01
5996	482676.45	3854120.9	2.83685	4.73453	3.95229	4.35E-02	3.45E-04	1.06E-01	0.149879	4.45E-02	3.39E-04	1.18E-01	0.162725	4.23E-02	4.31E-04	2.26E-01	2.69E-01
5997	482675.04	3854021.04	2.55812	4.43913	3.50092	3.93E-02	3.23E-04	9.39E-02	0.133474	4.01E-02	3.18E-04	1.04E-01	0.144868	3.81E-02	4.04E-04	2.01E-01	2.39E-01
5998	482673.64	3853921.19	2.28716	3.71671	2.96904	3.51E-02	2.71E-04	7.96E-02	0.114999	3.59E-02	2.66E-04	8.86E-02	0.1247	3.41E-02	3.38E-04	1.70E-01	2.04E-01
5999	482672.23	3853821.34	2.20388	3.51999	2.75473	3.38E-02	2.56E-04	7.39E-02	0.107958	3.46E-02	2.52E-04	8.22E-02	0.116987	3.28E-02	3.20E-04	1.58E-01	1.91E-01
6000	482670.83	3853721.48	2.13984	3.33842	2.64426	3.28E-02	2.43E-04	7.09E-02	0.104	3.36E-02	2.39E-04	7.89E-02	0.112674	3.19E-02	3.04E-04	1.51E-01	1.84E-01
6001	482669.42	3853621.63	1.99681	3.05324	2.40106	3.06E-02	2.22E-04	6.44E-02	0.095261	3.13E-02	2.19E-04	7.16E-02	0.103156	2.97E-02	2.78E-04	1.38E-01	1.68E-01
6002	482645.99	3853446.13	1.53772	2.86444	1.84756	2.36E-02	2.09E-04	4.96E-02	0.073358	2.41E-02	2.05E-04	5.51E-02	0.079432	2.29E-02	2.61E-04	1.06E-01	1.29E-01
6003	482623.97	3853370.48	1.43547	2.6833	1.67497	2.20E-02	1.95E-04	4.49E-02	0.067146	2.25E-02	1.92E-04	5.00E-02	0.072667	2.14E-02	2.44E-04	9.60E-02	1.18E-01
6004	482601.94	3853294.84	1.36325	2.4866	1.53947	2.09E-02	1.81E-04	4.13E-02	0.06239	2.14E-02	1.78E-04	4.59E-02	0.067479	2.03E-02	2.26E-04	8.82E-02	1.09E-01
6005	482531.29	3853133.44	1.21793	2.26087	1.35027	1.87E-02	1.65E-04	3.62E-02	0.055069	1.91E-02	1.62E-04	4.03E-02	0.05954	1.81E-02	2.06E-04	7.73E-02	9.57E-02
6006	482482.68	3853047.69	1.14389	2.12953	1.30188	1.76E-02	1.55E-04	3.49E-02	0.052625	1.79E-02	1.53E-04	3.88E-02	0.056926	1.70E-02	1.94E-04	7.46E-02	9.18E-02
6007	482383.09	3852897.4	1.03643	1.93709	1.19968	1.59E-02	1.41E-04	3.22E-02	0.048221	1.63E-02	1.39E-04	3.58E-02	0.052178	1.54E-02	1.76E-04	6.87E-02	8.43E-02
6008	482265.64	3852765.26	0.9713	1.80898	1.15158	1.49E-02	1.32E-04	3.09E-02	0.045922	1.52E-02	1.30E-04	3.44E-02	0.049713	1.45E-02	1.65E-04	6.60E-02	8.06E-02
6009	482199.16	3852697.66	0.94306	1.78507	1.13269	1.45E-02	1.30E-04	3.04E-02	0.044981	1.48E-02	1.28E-04	3.38E-02	0.048705	1.40E-02	1.62E-04	6.49E-02	7.91E-02
6010	482132.69	3852630.07	0.91663	1.6921	1.10626	1.41E-02	1.23E-04	2.97E-02	0.043859	1.44E-02	1.21E-04	3.30E-02	0.047496	1.37E-02	1.54E-04	6.34E-02	7.72E-02
6011	482066.21	3852562.48	0.88816	1.62348	1.07264	1.36E-02	1.18E-04	2.88E-02	0.042516	1.39E-02	1.16E-04	3.20E-02	0.046041	1.32E-02	1.48E-04	6.14E-02	7.48E-02
6012	481999.74	3852494.89	0.85736	1.55094	1.03364	1.32E-02	1.13E-04	2.77E-02	0.040992	1.34E-02	1.11E-04	3.08E-02	0.04439	1.28E-02	1.41E-04	5.92E-02	7.21E-02

6013	481933.26	3852427.29	0.82498	1.47532	0.99118	1.27E-02	1.07E-04	2.66E-02	0.039351	1.29E-02	1.06E-04	2.96E-02	0.04261	1.23E-02	1.34E-04	5.68E-02	6.92E-02
6014	481866.79	3852359.7	0.78669	1.48573	0.94862	1.21E-02	1.08E-04	2.54E-02	0.037622	1.23E-02	1.06E-04	2.83E-02	0.040741	1.17E-02	1.35E-04	5.43E-02	6.62E-02
6015	481800.31	3852292.11	0.75012	1.50553	0.91522	1.15E-02	1.10E-04	2.45E-02	0.036167	1.18E-02	1.08E-04	2.73E-02	0.039172	1.12E-02	1.37E-04	5.24E-02	6.37E-02
6016	481733.84	3852224.52	0.71705	1.51155	0.88229	1.10E-02	1.10E-04	2.37E-02	0.034777	1.12E-02	1.08E-04	2.63E-02	0.037672	1.07E-02	1.37E-04	5.05E-02	6.14E-02
6017	481667.36	3852156.92	0.7009	1.45329	0.83502	1.08E-02	1.06E-04	2.24E-02	0.033257	1.10E-02	1.04E-04	2.49E-02	0.036004	1.04E-02	1.32E-04	4.78E-02	5.84E-02
6018	481600.89	3852089.33	0.68648	1.3956	0.81771	1.05E-02	1.02E-04	2.19E-02	0.032567	1.08E-02	1.00E-04	2.44E-02	0.035258	1.02E-02	1.27E-04	4.68E-02	5.72E-02
6019	481534.41	3852021.74	0.67424	1.33731	0.78629	1.03E-02	9.73E-05	2.11E-02	0.031532	1.06E-02	9.58E-05	2.35E-02	0.034124	1.00E-02	1.22E-04	4.50E-02	5.52E-02
6020	481467.94	3851954.15	0.66523	1.27822	0.77017	1.02E-02	9.30E-05	2.07E-02	0.030957	1.04E-02	9.16E-05	2.30E-02	0.033498	9.91E-03	1.16E-04	4.41E-02	5.41E-02
6021	481401.46	3851886.55	0.66136	1.21834	0.76431	1.01E-02	8.87E-05	2.05E-02	0.030737	1.04E-02	8.73E-05	2.28E-02	0.033258	9.85E-03	1.11E-04	4.38E-02	5.37E-02
6022	481265.87	3851761.43	0.64895	1.09261	0.7596	9.96E-03	7.95E-05	2.04E-02	0.030411	1.02E-02	7.83E-05	2.27E-02	0.032914	9.67E-03	9.94E-05	4.35E-02	5.33E-02
6023	481196.74	3851703.89	0.64796	1.04828	0.75785	9.94E-03	7.63E-05	2.03E-02	0.030345	1.02E-02	7.51E-05	2.26E-02	0.032843	9.65E-03	9.54E-05	4.34E-02	5.32E-02
6024	481076.33	3851619.04	0.62447	1.02011	0.73719	9.58E-03	7.43E-05	1.98E-02	0.029429	9.79E-03	7.31E-05	2.20E-02	0.031856	9.30E-03	9.28E-05	4.22E-02	5.16E-02
6025	480939.8	3851549.07	0.58854	1.0309	0.74448	9.03E-03	7.50E-05	2.00E-02	0.029074	9.23E-03	7.39E-05	2.22E-02	0.031511	8.77E-03	9.38E-05	4.26E-02	5.15E-02
6026	480854.56	3851506.41	0.60805	1.03275	0.75951	9.33E-03	7.52E-05	2.04E-02	0.029776	9.53E-03	7.40E-05	2.27E-02	0.032266	9.06E-03	9.39E-05	4.35E-02	5.27E-02
6027	480769.32	3851463.75	0.62479	1.07579	0.80085	9.59E-03	7.83E-05	2.15E-02	0.031145	9.80E-03	7.71E-05	2.39E-02	0.033764	9.31E-03	9.79E-05	4.59E-02	5.53E-02
6028	480684.08	3851421.08	0.60894	1.03145	0.78932	9.34E-03	7.51E-05	2.12E-02	0.030589	9.55E-03	7.39E-05	2.35E-02	0.033169	9.07E-03	9.38E-05	4.52E-02	5.44E-02
6029	480598.84	3851378.42	0.58709	1.06159	0.76646	9.01E-03	7.73E-05	2.06E-02	0.029643	9.21E-03	7.61E-05	2.29E-02	0.032146	8.75E-03	9.66E-05	4.39E-02	5.27E-02
6030	480435.71	3851275.01	0.58442	1.02655	0.77987	8.97E-03	7.47E-05	2.09E-02	0.029959	9.16E-03	7.36E-05	2.33E-02	0.032502	8.71E-03	9.34E-05	4.47E-02	5.35E-02
6031	480347.85	3851232.36	0.60655	0.99043	0.77878	9.31E-03	7.21E-05	2.09E-02	0.030267	9.51E-03	7.10E-05	2.32E-02	0.032814	9.04E-03	9.01E-05	4.46E-02	5.37E-02
6032	480260	3851189.72	0.59185	1.00288	0.77811	9.08E-03	7.30E-05	2.09E-02	0.030024	9.28E-03	7.19E-05	2.32E-02	0.032564	8.82E-03	9.12E-05	4.46E-02	5.35E-02
6033	480172.15	3851147.07	0.6086	0.98858	0.78466	9.34E-03	7.20E-05	2.10E-02	0.030456	9.54E-03	7.08E-05	2.34E-02	0.033021	9.07E-03	8.99E-05	4.49E-02	5.41E-02
6034	480084.29	3851104.42	0.62261	0.98238	0.79305	9.55E-03	7.15E-05	2.13E-02	0.030896	9.76E-03	7.04E-05	2.37E-02	0.033491	9.28E-03	8.94E-05	4.54E-02	5.48E-02
6035	479996.44	3851061.77	0.63124	0.9985	0.78866	9.69E-03	7.27E-05	2.12E-02	0.030911	9.90E-03	7.15E-05	2.35E-02	0.033496	9.40E-03	9.08E-05	4.52E-02	5.47E-02
6036	479908.58	3851019.13	0.65113	0.96987	0.79213	9.99E-03	7.06E-05	2.12E-02	0.031308	1.02E-02	6.95E-05	2.36E-02	0.03391	9.70E-03	8.82E-05	4.54E-02	5.52E-02
6037	479820.73	3850976.48	0.6557	0.97759	0.78528	1.01E-02	7.12E-05	2.11E-02	0.031195	1.03E-02	7.00E-05	2.34E-02	0.033778	9.77E-03	8.89E-05	4.50E-02	5.48E-02
6038	479732.88	3850933.83	0.65096	0.96963	0.77101	9.99E-03	7.06E-05	2.07E-02	0.030739	1.02E-02	6.95E-05	2.30E-02	0.033277	9.70E-03	8.82E-05	4.42E-02	5.40E-02
6039	479645.02	3850891.18	0.63979	0.94571	0.74968	9.82E-03	6.88E-05	2.01E-02	0.029993	1.00E-02	6.78E-05	2.24E-02	0.032464	9.53E-03	8.60E-05	4.29E-02	5.26E-02
6040	479557.17	3850848.54	0.62843	0.91453	0.76574	9.64E-03	6.66E-05	2.05E-02	0.030247	9.85E-03	6.55E-05	2.28E-02	0.032763	9.36E-03	8.32E-05	4.39E-02	5.33E-02
6041	479469.32	3850805.89	0.61201	0.9092	0.73041	9.39E-03	6.62E-05	1.96E-02	0.029048	9.60E-03	6.51E-05	2.18E-02	0.031451	9.12E-03	8.27E-05	4.18E-02	5.10E-02
6042	479381.46	3850763.24	0.59335	0.85783	0.69952	9.11E-03	6.24E-05	1.88E-02	0.027929	9.30E-03	6.15E-05	2.09E-02	0.030233	8.84E-03	7.80E-05	4.01E-02	4.90E-02
6043	479293.61	3850720.59	0.5646	0.81743	0.66666	8.66E-03	5.95E-05	1.79E-02	0.026604	8.85E-03	5.86E-05	1.99E-02	0.028799	8.41E-03	7.44E-05	3.82E-02	4.67E-02
6044	479205.76	3850677.95	0.55846	0.7735	0.66329	8.57E-03	5.63E-05	1.78E-02	0.026416	8.76E-03	5.54E-05	1.98E-02	0.028599	8.32E-03	7.04E-05	3.80E-02	4.64E-02
6045	479117.9	3850635.3	0.55037	0.79498	0.65049	8.45E-03	5.79E-05	1.74E-02	0.02595	8.63E-03	5.70E-05	1.94E-02	0.028092	8.20E-03	7.23E-05	3.73E-02	4.55E-02
6046	479030.05	3850592.65	0.49397	0.79412	0.6657	7.58E-03	5.78E-05	1.79E-02	0.025492	7.74E-03	5.69E-05	1.99E-02	0.027661	7.36E-03	7.22E-05	3.81E-02	4.56E-02
6047	478942.19	3850550	0.50188	0.74902	0.62951	7.70E-03	5.45E-05	1.69E-02	0.02464	7.87E-03	5.37E-05	1.88E-02	0.026702	7.48E-03	6.81E-05	3.61E-02	4.36E-02
6048	478854.34	3850507.36	0.52429	0.71593	0.60901	8.05E-03	5.21E-05	1.63E-02	0.024431	8.22E-03	5.13E-05	1.82E-02	0.02644	7.81E-03	6.51E-05	3.49E-02	4.28E-02
6049	478766.49	3850464.71	0.51722	0.68116	0.5783	7.94E-03	4.96E-05	1.55E-02	0.023497	8.11E-03	4.88E-05	1.73E-02	0.02541	7.71E-03	6.20E-05	3.31E-02	4.09E-02
6050	478678.63	3850422.06	0.50481	0.65414	0.58094	7.75E-03	4.76E-05	1.56E-02	0.023375	7.91E-03	4.69E-05	1.73E-02	0.025293	7.52E-03	5.95E-05	3.33E-02	4.09E-02
6051	478590.78	3850379.41	0.47728	0.62401	0.54162	7.32E-03	4.54E-05	1.45E-02	0.021896	7.48E-03	4.47E-05	1.62E-02	0.023686	7.11E-03	5.68E-05	3.10E-02	3.82E-02
6052	478502.93	3850336.77	0.47185	0.61884	0.51517	7.24E-03	4.50E-05	1.38E-02	0.021103	7.40E-03	4.43E-05	1.54E-02	0.022811	7.03E-03	5.63E-05	2.95E-02	3.66E-02
6053	478415.07	3850294.12	0.45718	0.61868	0.51918	7.02E-03	4.50E-05	1.39E-02	0.020985	7.17E-03	4.43E-05	1.55E-02	0.022701	6.81E-03	5.63E-05	2.97E-02	3.66E-02
6054	478327.22	3850251.47	0.45397	0.61088	0.51059	6.97E-03	4.45E-05	1.37E-02	0.020705	7.12E-03	4.38E-05	1.52E-02	0.022394	6.76E-03	5.56E-05	2.92E-02	3.61E-02
6055	478239.36	3850208.82	0.45458	0.59601	0.50664	6.98E-03	4.34E-05	1.36E-02	0.020607	7.13E-03	4.27E-05	1.51E-02	0.022284	6.77E-03	5.42E-05	2.90E-02	3.58E-02
6056	478151.51	3850166.18	0.45249	0.57483	0.49834	6.94E-03	4.18E-05	1.34E-02	0.020351	7.09E-03	4.12E-05	1.49E-02	0.022002	6.74E-03	5.23E-05	2.85E-02	3.53E-02
6057	478063.66	3850123.53	0.44673	0.54801	0.48606	6.86E-03	3.99E-05	1.30E-02	0.019931	7.00E-03	3.93E-05	1.45E-02	0.021544	6.65E-03	4.98E-05	2.78E-02	3.45E-02
6058	477975.8	3850080.88	0.43202	0.52147	0.46974	6.63E-03	3.80E-05	1.26E-02	0.019266	6.77E-03	3.74E-05	1.40E-02	0.020824	6.44E-03	4.74E-05	2.69E-02	3.34E-02
6059	477887.95	3850038.23	0.41853	0.49738	0.45061	6.42E-03	3.62E-05	1.21E-02	0.018544	6.56E-03	3.56E-05	1.34E-02	0.020041	6.23E-03	4.52E-05	2.58E-02	3.21E-02

6060	477800.1	3849995.59	0.40145	0.46575	0.42856	6.16E-03	3.39E-05	1.15E-02	0.017688	6.29E-03	3.34E-05	1.28E-02	0.019113	5.98E-03	4.24E-05	2.45E-02	3.06E-02
6061	477712.24	3849952.94	0.38512	0.43135	0.41432	5.91E-03	3.14E-05	1.11E-02	0.017053	6.04E-03	3.09E-05	1.24E-02	0.018429	5.74E-03	3.92E-05	2.37E-02	2.95E-02
6062	477624.39	3849910.29	0.36723	0.46119	0.39319	5.64E-03	3.36E-05	1.05E-02	0.016214	5.76E-03	3.30E-05	1.17E-02	0.017521	5.47E-03	4.20E-05	2.25E-02	2.80E-02
6063	477536.54	3849867.64	0.34862	0.48868	0.36678	5.35E-03	3.56E-05	9.84E-03	0.015222	5.47E-03	3.50E-05	1.09E-02	0.016443	5.19E-03	4.45E-05	2.10E-02	2.62E-02
6064	477448.68	3849825	0.336	0.48173	0.37479	5.16E-03	3.51E-05	1.01E-02	0.015243	5.27E-03	3.45E-05	1.12E-02	0.016484	5.01E-03	4.38E-05	2.15E-02	2.65E-02
6065	477360.83	3849782.35	0.31448	0.48263	0.39473	4.83E-03	3.51E-05	1.06E-02	0.015448	4.93E-03	3.46E-05	1.18E-02	0.016741	4.68E-03	4.39E-05	2.26E-02	2.73E-02
6066	477272.97	3849739.7	0.32635	0.49238	0.40074	5.01E-03	3.58E-05	1.07E-02	0.015792	5.12E-03	3.53E-05	1.20E-02	0.017107	4.86E-03	4.48E-05	2.30E-02	2.79E-02
6067	477185.12	3849697.05	0.34229	0.47742	0.39494	5.25E-03	3.48E-05	1.06E-02	0.01588	5.37E-03	3.42E-05	1.18E-02	0.017183	5.10E-03	4.34E-05	2.26E-02	2.78E-02
6068	477097.27	3849654.41	0.35196	0.47417	0.39648	5.40E-03	3.45E-05	1.06E-02	0.016069	5.52E-03	3.40E-05	1.18E-02	0.01738	5.24E-03	4.31E-05	2.27E-02	2.80E-02
6069	477009.41	3849611.76	0.33884	0.48506	0.40898	5.20E-03	3.53E-05	1.10E-02	0.016204	5.31E-03	3.48E-05	1.22E-02	0.017548	5.05E-03	4.41E-05	2.34E-02	2.85E-02
6070	476841.49	3849530.08	0.34938	0.48493	0.38647	5.36E-03	3.53E-05	1.04E-02	0.015762	5.48E-03	3.47E-05	1.15E-02	0.017042	5.20E-03	4.41E-05	2.21E-02	2.74E-02
6071	476761.41	3849491.05	0.34429	0.471	0.39202	5.28E-03	3.43E-05	1.05E-02	0.015832	5.40E-03	3.37E-05	1.17E-02	0.017127	5.13E-03	4.28E-05	2.25E-02	2.76E-02
6072	476681.34	3849452.02	0.33806	0.43157	0.39705	5.19E-03	3.14E-05	1.06E-02	0.015868	5.30E-03	3.09E-05	1.18E-02	0.017176	5.04E-03	3.93E-05	2.27E-02	2.78E-02
6073	476601.26	3849412.99	0.3456	0.43054	0.39555	5.30E-03	3.13E-05	1.06E-02	0.015943	5.42E-03	3.08E-05	1.18E-02	0.01725	5.15E-03	3.92E-05	2.27E-02	2.78E-02
6074	476456.32	3849353.67	0.35172	0.44571	0.37861	5.40E-03	3.24E-05	1.02E-02	0.015584	5.51E-03	3.19E-05	1.13E-02	0.016841	5.24E-03	4.05E-05	2.17E-02	2.70E-02
6075	476305.43	3849318.83	0.30763	0.41508	0.37083	4.72E-03	3.02E-05	9.95E-03	0.014697	4.82E-03	2.97E-05	1.11E-02	0.015916	4.58E-03	3.78E-05	2.12E-02	2.59E-02
6076	476129.36	3849289.99	0.33321	0.37965	0.34797	5.11E-03	2.76E-05	9.33E-03	0.014474	5.22E-03	2.72E-05	1.04E-02	0.015632	4.96E-03	3.45E-05	1.99E-02	2.49E-02
6077	476039.31	3849275.68	0.31231	0.3874	0.33917	4.79E-03	2.82E-05	9.10E-03	0.013917	4.90E-03	2.78E-05	1.01E-02	0.015043	4.65E-03	3.52E-05	1.94E-02	2.41E-02
6078	475949.26	3849261.38	0.30573	0.36093	0.33728	4.69E-03	2.63E-05	9.05E-03	0.013764	4.79E-03	2.59E-05	1.01E-02	0.014881	4.55E-03	3.28E-05	1.93E-02	2.39E-02
6079	475859.21	3849247.08	0.29875	0.39591	0.30994	4.58E-03	2.88E-05	8.31E-03	0.012926	4.68E-03	2.84E-05	9.25E-03	0.013959	4.45E-03	3.60E-05	1.78E-02	2.22E-02
6080	475769.16	3849232.77	0.26652	0.40932	0.33934	4.09E-03	2.98E-05	9.10E-03	0.013221	4.18E-03	2.93E-05	1.01E-02	0.014331	3.97E-03	3.72E-05	1.94E-02	2.34E-02
6081	475585.22	3849219.27	0.25158	0.35933	0.27604	3.86E-03	2.62E-05	7.40E-03	0.01129	3.94E-03	2.57E-05	8.23E-03	0.012205	3.75E-03	3.27E-05	1.58E-02	1.96E-02
6082	475444.49	3849150.35	0.28151	0.40055	0.32367	4.32E-03	2.92E-05	8.68E-03	0.01303	4.41E-03	2.87E-05	9.66E-03	0.014098	4.19E-03	3.64E-05	1.85E-02	2.28E-02
6083	475334.17	3849118.71	0.28796	0.40951	0.33642	4.42E-03	2.98E-05	9.02E-03	0.013472	4.51E-03	2.93E-05	1.00E-02	0.01458	4.29E-03	3.72E-05	1.93E-02	2.36E-02
6084	475230.47	3849060.56	0.29103	0.40095	0.34168	4.47E-03	2.92E-05	9.16E-03	0.013659	4.56E-03	2.87E-05	1.02E-02	0.014785	4.34E-03	3.65E-05	1.96E-02	2.39E-02
6085	475110.86	3848960.97	0.28016	0.39696	0.32372	4.30E-03	2.89E-05	8.68E-03	0.01301	4.39E-03	2.84E-05	9.66E-03	0.014078	4.17E-03	3.61E-05	1.85E-02	2.28E-02
6086	475037.79	3848896.28	0.27009	0.38825	0.30706	4.14E-03	2.83E-05	8.24E-03	0.012408	4.23E-03	2.78E-05	9.16E-03	0.013423	4.02E-03	3.53E-05	1.76E-02	2.16E-02
6087	474964.72	3848831.59	0.2599	0.37877	0.30446	3.99E-03	2.76E-05	8.17E-03	0.012182	4.07E-03	2.71E-05	9.08E-03	0.013185	3.87E-03	3.45E-05	1.74E-02	2.13E-02
6088	474891.65	3848766.9	0.25449	0.37252	0.30535	3.91E-03	2.71E-05	8.19E-03	0.012122	3.99E-03	2.67E-05	9.11E-03	0.013126	3.79E-03	3.39E-05	1.75E-02	2.13E-02
6089	474818.58	3848702.21	0.25393	0.36734	0.29814	3.90E-03	2.67E-05	8.00E-03	0.01192	3.98E-03	2.63E-05	8.89E-03	0.012902	3.78E-03	3.34E-05	1.71E-02	2.09E-02
6090	474745.51	3848637.53	0.25704	0.36904	0.29823	3.94E-03	2.69E-05	8.00E-03	0.01197	4.03E-03	2.64E-05	8.90E-03	0.012953	3.83E-03	3.36E-05	1.71E-02	2.09E-02
6091	474672.44	3848572.84	0.25127	0.37525	0.29307	3.86E-03	2.73E-05	7.86E-03	0.011743	3.94E-03	2.69E-05	8.74E-03	0.01271	3.74E-03	3.41E-05	1.68E-02	2.06E-02
6092	474599.37	3848508.15	0.2462	0.36538	0.28148	3.78E-03	2.66E-05	7.55E-03	0.011354	3.86E-03	2.62E-05	8.40E-03	0.012284	3.67E-03	3.32E-05	1.61E-02	1.98E-02
6093	474526.3	3848443.46	0.24281	0.35118	0.2787	3.73E-03	2.56E-05	7.47E-03	0.011226	3.81E-03	2.52E-05	8.31E-03	0.012146	3.62E-03	3.19E-05	1.60E-02	1.96E-02

			PM2.5			2028				2033				2048			
			Period			Rates (g/s):	1.49E-02	7.06E-05	2.60E-02		1.52E-02	6.95E-05	2.89E-02		1.45E-02	8.82E-05	5.56E-02	
			Concentration [ug/m^3] at 1 g/s				Concentration [ug/m^3]				Concentration [ug/m^3]				Concentration [ug/m^3]			
	X	Y	BSY (SLINE:	BSY-Idle (P/	BSY-Switchers (I		BSY	BSY-Idle	BSY-Switcl	Total	BSY	BSY-Idle	BSY-Switcl	Total	BSY	BSY-Idle	BSY-Switcl	Total
1	485973.61	3854936.51	0.28612	0.61122	0.27116		4.26E-03	4.32E-05	7.05E-03	0.011356	4.35E-03	4.25E-05	7.85E-03	0.012241	4.13E-03	5.39E-05	1.51E-02	1.93E-02
2	486023.61	3854936.51	0.27745	0.58579	0.26345		4.13E-03	4.14E-05	6.85E-03	0.011025	4.22E-03	4.07E-05	7.62E-03	0.011884	4.01E-03	5.17E-05	1.46E-02	1.87E-02
3	486073.61	3854936.51	0.27131	0.56581	0.25803		4.04E-03	4.00E-05	6.71E-03	0.010791	4.13E-03	3.93E-05	7.47E-03	0.011632	3.92E-03	4.99E-05	1.43E-02	1.83E-02
4	486123.61	3854936.51	0.26014	0.53715	0.248		3.87E-03	3.79E-05	6.45E-03	0.010362	3.96E-03	3.73E-05	7.18E-03	0.01117	3.76E-03	4.74E-05	1.38E-02	1.76E-02
5	486173.61	3854936.51	0.25743	0.52465	0.24568		3.83E-03	3.70E-05	6.39E-03	0.01026	3.92E-03	3.65E-05	7.11E-03	0.011061	3.72E-03	4.63E-05	1.37E-02	1.74E-02
6	486223.61	3854936.51	0.25016	0.50436	0.23918		3.72E-03	3.56E-05	6.22E-03	0.009982	3.80E-03	3.51E-05	6.92E-03	0.010761	3.61E-03	4.45E-05	1.33E-02	1.69E-02
7	486273.61	3854936.51	0.2446	0.48768	0.23422		3.64E-03	3.44E-05	6.09E-03	0.009769	3.72E-03	3.39E-05	6.78E-03	0.010532	3.53E-03	4.30E-05	1.30E-02	1.66E-02
8	486323.61	3854936.51	0.23969	0.47258	0.22984		3.57E-03	3.34E-05	5.98E-03	0.009581	3.65E-03	3.28E-05	6.65E-03	0.010329	3.46E-03	4.17E-05	1.28E-02	1.63E-02
9	485973.61	3854986.51	0.30626	0.62504	0.28864		4.56E-03	4.41E-05	7.51E-03	0.012112	4.66E-03	4.34E-05	8.35E-03	0.013054	4.43E-03	5.51E-05	1.60E-02	2.05E-02
10	486023.61	3854986.51	0.29803	0.60101	0.28142		4.44E-03	4.24E-05	7.32E-03	0.0118	4.53E-03	4.18E-05	8.14E-03	0.012718	4.31E-03	5.30E-05	1.56E-02	2.00E-02
11	486073.61	3854986.51	0.28865	0.57561	0.27312		4.30E-03	4.06E-05	7.11E-03	0.011443	4.39E-03	4.00E-05	7.90E-03	0.012333	4.17E-03	5.08E-05	1.52E-02	1.94E-02
12	486123.61	3854986.51	0.27994	0.55211	0.2654		4.17E-03	3.90E-05	6.90E-03	0.01111	4.26E-03	3.84E-05	7.68E-03	0.011976	4.05E-03	4.87E-05	1.47E-02	1.88E-02
13	486173.61	3854986.51	0.27462	0.53525	0.26079		4.09E-03	3.78E-05	6.78E-03	0.01091	4.18E-03	3.72E-05	7.55E-03	0.01176	3.97E-03	4.72E-05	1.45E-02	1.85E-02
14	486223.61	3854986.51	0.26628	0.51364	0.25337		3.96E-03	3.63E-05	6.59E-03	0.010591	4.05E-03	3.57E-05	7.33E-03	0.011417	3.85E-03	4.53E-05	1.41E-02	1.80E-02
15	486273.61	3854986.51	0.25763	0.49208	0.24564		3.83E-03	3.47E-05	6.39E-03	0.01026	3.92E-03	3.42E-05	7.11E-03	0.011061	3.72E-03	4.34E-05	1.36E-02	1.74E-02
16	486323.61	3854986.51	0.25592	0.48286	0.24427		3.81E-03	3.41E-05	6.35E-03	0.010198	3.89E-03	3.36E-05	7.07E-03	0.010994	3.70E-03	4.26E-05	1.36E-02	1.73E-02
17	485973.61	3855036.51	0.32844	0.63666	0.30809		4.89E-03	4.50E-05	8.02E-03	0.012949	5.00E-03	4.42E-05	8.92E-03	0.013955	4.75E-03	5.62E-05	1.71E-02	2.19E-02
18	486023.61	3855036.51	0.31833	0.61013	0.29922		4.74E-03	4.31E-05	7.78E-03	0.012566	4.84E-03	4.24E-05	8.66E-03	0.013542	4.60E-03	5.38E-05	1.66E-02	2.13E-02
19	486073.61	3855036.51	0.30649	0.58137	0.28872		4.56E-03	4.10E-05	7.51E-03	0.012114	4.66E-03	4.04E-05	8.35E-03	0.013057	4.43E-03	5.13E-05	1.60E-02	2.05E-02
20	486123.61	3855036.51	0.29739	0.55812	0.28073		4.43E-03	3.94E-05	7.30E-03	0.011769	4.52E-03	3.88E-05	8.12E-03	0.012685	4.30E-03	4.92E-05	1.56E-02	1.99E-02
21	486173.61	3855036.51	0.29174	0.54134	0.2759		4.34E-03	3.82E-05	7.18E-03	0.011558	4.44E-03	3.76E-05	7.98E-03	0.012458	4.22E-03	4.78E-05	1.53E-02	1.96E-02
22	486223.61	3855036.51	0.28138	0.51717	0.26668		4.19E-03	3.65E-05	6.94E-03	0.011163	4.28E-03	3.59E-05	7.72E-03	0.012032	4.07E-03	4.56E-05	1.48E-02	1.89E-02
23	486273.61	3855036.51	0.27707	0.50364	0.26304		4.12E-03	3.56E-05	6.84E-03	0.011003	4.21E-03	3.50E-05	7.61E-03	0.011861	4.00E-03	4.44E-05	1.46E-02	1.87E-02
24	486323.61	3855036.51	0.26951	0.48513	0.25634		4.01E-03	3.43E-05	6.67E-03	0.010715	4.10E-03	3.37E-05	7.42E-03	0.01155	3.89E-03	4.28E-05	1.42E-02	1.82E-02
25	485973.61	3855086.51	0.35011	0.6416	0.3272		5.21E-03	4.53E-05	8.51E-03	0.013769	5.32E-03	4.46E-05	9.47E-03	0.014838	5.06E-03	5.66E-05	1.82E-02	2.33E-02
26	486023.61	3855086.51	0.34071	0.61757	0.31911		5.07E-03	4.36E-05	8.30E-03	0.013417	5.18E-03	4.29E-05	9.23E-03	0.014459	4.92E-03	5.45E-05	1.77E-02	2.27E-02
27	486073.61	3855086.51	0.32731	0.58754	0.30719		4.87E-03	4.15E-05	7.99E-03	0.012905	4.98E-03	4.08E-05	8.89E-03	0.013908	4.73E-03	5.18E-05	1.71E-02	2.19E-02
28	486123.61	3855086.51	0.3191	0.56685	0.30013		4.75E-03	4.00E-05	7.81E-03	0.012598	4.85E-03	3.94E-05	8.68E-03	0.013577	4.61E-03	5.00E-05	1.67E-02	2.13E-02
29	486173.61	3855086.51	0.30792	0.54188	0.29024		4.58E-03	3.83E-05	7.55E-03	0.012172	4.68E-03	3.77E-05	8.40E-03	0.01312	4.45E-03	4.78E-05	1.61E-02	2.06E-02
30	486223.61	3855086.51	0.30032	0.5233	0.28364		4.47E-03	3.69E-05	7.38E-03	0.011886	4.57E-03	3.64E-05	8.21E-03	0.012812	4.34E-03	4.62E-05	1.58E-02	2.01E-02
31	485973.61	3855136.51	0.37536	0.6472	0.34995		5.59E-03	4.57E-05	9.10E-03	0.014737	5.71E-03	4.50E-05	1.01E-02	0.01588	5.42E-03	5.71E-05	1.94E-02	2.49E-02
32	486023.61	3855136.51	0.36285	0.61958	0.33897		5.40E-03	4.37E-05	8.82E-03	0.014263	5.52E-03	4.31E-05	9.81E-03	0.01537	5.24E-03	5.47E-05	1.88E-02	2.41E-02
33	486073.61	3855136.51	0.35041	0.59281	0.32803		5.22E-03	4.19E-05	8.53E-03	0.013792	5.33E-03	4.12E-05	9.49E-03	0.014863	5.06E-03	5.23E-05	1.82E-02	2.33E-02
34	486123.61	3855136.51	0.33963	0.56934	0.31863		5.06E-03	4.02E-05	8.29E-03	0.013385	5.17E-03	3.96E-05	9.22E-03	0.014425	4.91E-03	5.02E-05	1.77E-02	2.27E-02
35	486173.61	3855136.51	0.32843	0.54573	0.30876		4.89E-03	3.85E-05	8.03E-03	0.01296	4.99E-03	3.79E-05	8.93E-03	0.013968	4.75E-03	4.82E-05	1.72E-02	2.20E-02
36	486223.61	3855136.51	0.31868	0.52493	0.30023		4.74E-03	3.71E-05	7.81E-03	0.012591	4.85E-03	3.65E-05	8.69E-03	0.013571	4.60E-03	4.63E-05	1.67E-02	2.13E-02
37	485973.61	3855186.51	0.40143	0.64892	0.37389		5.98E-03	4.58E-05	9.73E-03	0.015748	6.11E-03	4.51E-05	1.08E-02	0.01697	5.80E-03	5.73E-05	2.08E-02	2.66E-02
38	486023.61	3855186.51	0.38829	0.62226	0.36236		5.78E-03	4.39E-05	9.43E-03	0.015251	5.91E-03	4.32E-05	1.05E-02	0.016434	5.61E-03	5.49E-05	2.01E-02	2.58E-02
39	486073.61	3855186.51	0.37269	0.59248	0.34837		5.55E-03	4.18E-05	9.06E-03	0.014652	5.67E-03	4.12E-05	1.01E-02	0.01579	5.39E-03	5.23E-05	1.94E-02	2.48E-02
40	486123.61	3855186.51	0.35828	0.56519	0.33552		5.33E-03	3.99E-05	8.73E-03	0.014102	5.45E-03	3.93E-05	9.71E-03	0.015197	5.18E-03	4.99E-05	1.86E-02	2.39E-02
41	486173.61	3855186.51	0.34709	0.54326	0.32574		5.17E-03	3.84E-05	8.47E-03	0.013679	5.28E-03	3.78E-05	9.43E-03	0.014743	5.02E-03	4.79E-05	1.81E-02	2.32E-02
42	486223.61	3855186.51	0.33651	0.52266	0.31648		5.01E-03	3.69E-05	8.23E-03	0.013279	5.12E-03	3.63E-05	9.16E-03	0.014312	4.86E-03	4.61E-05	1.76E-02	2.25E-02
43	486273.61	3855186.51	0.32569	0.50212	0.30693		4.85E-03	3.55E-05	7.99E-03	0.012868	4.95E-03	3.49E-05	8.88E-03	0.01387	4.71E-03	4.43E-05	1.71E-02	2.18E-02

44	486323.61	3855186.51	0.3238	0.49489	0.30591	4.82E-03	3.49E-05	7.96E-03	0.012813	4.92E-03	3.44E-05	8.85E-03	0.013811	4.68E-03	4.37E-05	1.70E-02	2.17E-02
45	485973.61	3855236.51	0.42737	0.64568	0.39818	6.36E-03	4.56E-05	1.04E-02	0.016766	6.50E-03	4.49E-05	1.15E-02	0.018067	6.18E-03	5.70E-05	2.21E-02	2.84E-02
46	486023.61	3855236.51	0.41011	0.61514	0.38256	6.10E-03	4.34E-05	9.95E-03	0.0161	6.24E-03	4.28E-05	1.11E-02	0.01735	5.93E-03	5.43E-05	2.13E-02	2.72E-02
47	486073.61	3855236.51	0.39302	0.58553	0.36711	5.85E-03	4.13E-05	9.55E-03	0.015442	5.98E-03	4.07E-05	1.06E-02	0.016641	5.68E-03	5.17E-05	2.04E-02	2.61E-02
48	486123.61	3855236.51	0.37956	0.56173	0.35523	5.65E-03	3.97E-05	9.24E-03	0.014931	5.77E-03	3.90E-05	1.03E-02	0.016091	5.48E-03	4.96E-05	1.97E-02	2.53E-02
49	486173.61	3855236.51	0.36734	0.54009	0.3445	5.47E-03	3.81E-05	8.96E-03	0.014468	5.59E-03	3.75E-05	9.97E-03	0.015593	5.31E-03	4.77E-05	1.91E-02	2.45E-02
50	486223.61	3855236.51	0.35497	0.5186	0.33356	5.28E-03	3.66E-05	8.68E-03	0.013998	5.40E-03	3.60E-05	9.65E-03	0.015087	5.13E-03	4.58E-05	1.85E-02	2.37E-02
51	486273.61	3855236.51	0.33935	0.49297	0.31945	5.05E-03	3.48E-05	8.31E-03	0.013397	5.16E-03	3.43E-05	9.24E-03	0.014439	4.90E-03	4.35E-05	1.78E-02	2.27E-02
52	486323.61	3855236.51	0.34116	0.49172	0.32213	5.08E-03	3.47E-05	8.38E-03	0.013493	5.19E-03	3.42E-05	9.32E-03	0.014544	4.93E-03	4.34E-05	1.79E-02	2.29E-02
53	485973.61	3855286.51	0.45315	0.63776	0.42283	6.75E-03	4.50E-05	1.10E-02	0.01779	6.89E-03	4.43E-05	1.22E-02	0.019172	6.55E-03	5.63E-05	2.35E-02	3.01E-02
54	486023.61	3855286.51	0.43353	0.60669	0.40477	6.45E-03	4.28E-05	1.05E-02	0.017026	6.59E-03	4.22E-05	1.17E-02	0.018349	6.26E-03	5.35E-05	2.25E-02	2.88E-02
55	486073.61	3855286.51	0.41675	0.58011	0.38963	6.20E-03	4.10E-05	1.01E-02	0.016381	6.34E-03	4.03E-05	1.13E-02	0.017653	6.02E-03	5.12E-05	2.17E-02	2.77E-02
56	486123.61	3855286.51	0.40002	0.55401	0.3745	5.95E-03	3.91E-05	9.74E-03	0.015736	6.08E-03	3.85E-05	1.08E-02	0.016959	5.78E-03	4.89E-05	2.08E-02	2.66E-02
57	486173.61	3855286.51	0.3853	0.53099	0.36134	5.74E-03	3.75E-05	9.40E-03	0.015173	5.86E-03	3.69E-05	1.05E-02	0.016353	5.57E-03	4.69E-05	2.01E-02	2.57E-02
58	486223.61	3855286.51	0.37383	0.51257	0.35132	5.56E-03	3.62E-05	9.14E-03	0.01474	5.69E-03	3.56E-05	1.02E-02	0.015887	5.40E-03	4.52E-05	1.95E-02	2.50E-02
59	486123.61	3855336.51	0.4207	0.5437	0.39436	6.26E-03	3.84E-05	1.03E-02	0.01656	6.40E-03	3.78E-05	1.14E-02	0.017848	6.08E-03	4.80E-05	2.19E-02	2.80E-02
60	486173.61	3855336.51	0.40679	0.52396	0.38203	6.05E-03	3.70E-05	9.94E-03	0.016031	6.19E-03	3.64E-05	1.11E-02	0.017278	5.88E-03	4.62E-05	2.12E-02	2.72E-02
61	486223.61	3855336.51	0.39281	0.50429	0.36956	5.85E-03	3.56E-05	9.61E-03	0.015497	5.97E-03	3.50E-05	1.07E-02	0.016703	5.68E-03	4.45E-05	2.05E-02	2.63E-02
62	486123.61	3855386.51	0.44271	0.53223	0.41605	6.59E-03	3.76E-05	1.08E-02	0.017451	6.73E-03	3.70E-05	1.20E-02	0.018809	6.40E-03	4.70E-05	2.31E-02	2.96E-02
63	486173.61	3855386.51	0.42761	0.51334	0.40251	6.36E-03	3.62E-05	1.05E-02	0.016873	6.50E-03	3.57E-05	1.16E-02	0.018187	6.18E-03	4.53E-05	2.24E-02	2.86E-02
64	486223.61	3855386.51	0.41397	0.49622	0.39038	6.16E-03	3.50E-05	1.02E-02	0.016353	6.30E-03	3.45E-05	1.13E-02	0.017627	5.98E-03	4.38E-05	2.17E-02	2.77E-02
65	486533.18	3855443.15	0.3688	0.4065	0.35299	5.49E-03	2.87E-05	9.18E-03	0.014702	5.61E-03	2.83E-05	1.02E-02	0.015852	5.33E-03	3.59E-05	1.96E-02	2.50E-02
66	486583.18	3855443.15	0.35857	0.39436	0.34372	5.34E-03	2.78E-05	8.94E-03	0.014307	5.45E-03	2.74E-05	9.95E-03	0.015427	5.18E-03	3.48E-05	1.91E-02	2.43E-02
67	486633.18	3855443.15	0.34883	0.38267	0.33491	5.19E-03	2.70E-05	8.71E-03	0.013932	5.31E-03	2.66E-05	9.69E-03	0.015023	5.04E-03	3.38E-05	1.86E-02	2.37E-02
68	486683.18	3855443.15	0.34171	0.37377	0.3287	5.09E-03	2.64E-05	8.55E-03	0.013664	5.20E-03	2.60E-05	9.51E-03	0.014735	4.94E-03	3.30E-05	1.83E-02	2.32E-02
69	486533.18	3855493.15	0.38456	0.39787	0.36923	5.72E-03	2.81E-05	9.61E-03	0.015358	5.85E-03	2.77E-05	1.07E-02	0.016561	5.56E-03	3.51E-05	2.05E-02	2.61E-02
70	486583.18	3855493.15	0.37457	0.38731	0.3602	5.58E-03	2.73E-05	9.37E-03	0.014974	5.70E-03	2.69E-05	1.04E-02	0.016147	5.41E-03	3.42E-05	2.00E-02	2.55E-02
71	486633.18	3855493.15	0.36447	0.37647	0.35099	5.43E-03	2.66E-05	9.13E-03	0.014583	5.54E-03	2.62E-05	1.02E-02	0.015726	5.27E-03	3.32E-05	1.95E-02	2.48E-02
72	486683.18	3855493.15	0.355	0.36615	0.34237	5.28E-03	2.59E-05	8.91E-03	0.014217	5.40E-03	2.54E-05	9.91E-03	0.015332	5.13E-03	3.23E-05	1.90E-02	2.42E-02
73	486533.18	3855543.15	0.40207	0.38939	0.38762	5.98E-03	2.75E-05	1.01E-02	0.016097	6.11E-03	2.71E-05	1.12E-02	0.017359	5.81E-03	3.44E-05	2.15E-02	2.74E-02
74	486583.18	3855543.15	0.38857	0.37671	0.37489	5.78E-03	2.66E-05	9.75E-03	0.015563	5.91E-03	2.62E-05	1.08E-02	0.016784	5.61E-03	3.32E-05	2.08E-02	2.65E-02
75	486633.18	3855543.15	0.37866	0.36731	0.36587	5.64E-03	2.59E-05	9.52E-03	0.015181	5.76E-03	2.55E-05	1.06E-02	0.016372	5.47E-03	3.24E-05	2.03E-02	2.58E-02
76	486683.18	3855543.15	0.36605	0.35512	0.35397	5.45E-03	2.51E-05	9.21E-03	0.014683	5.57E-03	2.47E-05	1.02E-02	0.015835	5.29E-03	3.13E-05	1.97E-02	2.50E-02
77	486533.18	3855593.15	0.4181	0.37799	0.40481	6.22E-03	2.67E-05	1.05E-02	0.016782	6.36E-03	2.63E-05	1.17E-02	0.018099	6.04E-03	3.34E-05	2.25E-02	2.86E-02
78	486583.18	3855593.15	0.40503	0.36716	0.39247	6.03E-03	2.59E-05	1.02E-02	0.016265	6.16E-03	2.55E-05	1.14E-02	0.017543	5.85E-03	3.24E-05	2.18E-02	2.77E-02
79	486633.18	3855593.15	0.39334	0.35733	0.38154	5.85E-03	2.52E-05	9.93E-03	0.015806	5.98E-03	2.48E-05	1.10E-02	0.017048	5.68E-03	3.15E-05	2.12E-02	2.69E-02
80	486683.18	3855593.15	0.38364	0.34908	0.37263	5.71E-03	2.46E-05	9.69E-03	0.015429	5.83E-03	2.43E-05	1.08E-02	0.016642	5.54E-03	3.08E-05	2.07E-02	2.63E-02
81	486533.18	3855643.15	0.4352	0.36637	0.42346	6.48E-03	2.59E-05	1.10E-02	0.01752	6.62E-03	2.55E-05	1.23E-02	0.018898	6.29E-03	3.23E-05	2.35E-02	2.99E-02
82	486583.18	3855643.15	0.42204	0.35685	0.41097	6.28E-03	2.52E-05	1.07E-02	0.016999	6.42E-03	2.48E-05	1.19E-02	0.018336	6.10E-03	3.15E-05	2.28E-02	2.90E-02
83	486633.18	3855643.15	0.40949	0.34751	0.39906	6.10E-03	2.45E-05	1.04E-02	0.016502	6.23E-03	2.42E-05	1.15E-02	0.0178	5.92E-03	3.07E-05	2.22E-02	2.81E-02
84	486683.18	3855643.15	0.39831	0.33908	0.38854	5.93E-03	2.39E-05	1.01E-02	0.016061	6.06E-03	2.36E-05	1.12E-02	0.017325	5.76E-03	2.99E-05	2.16E-02	2.74E-02
85	486533.18	3855693.15	0.45485	0.35586	0.44524	6.77E-03	2.51E-05	1.16E-02	0.018379	6.92E-03	2.47E-05	1.29E-02	0.019826	6.57E-03	3.14E-05	2.47E-02	3.13E-02
86	486583.18	3855693.15	0.43776	0.34452	0.42839	6.52E-03	2.43E-05	1.11E-02	0.017685	6.66E-03	2.39E-05	1.24E-02	0.019078	6.33E-03	3.04E-05	2.38E-02	3.02E-02
87	486633.18	3855693.15	0.42123	0.3332	0.41215	6.27E-03	2.35E-05	1.07E-02	0.017016	6.41E-03	2.32E-05	1.19E-02	0.018356	6.09E-03	2.94E-05	2.29E-02	2.90E-02
88	486683.18	3855693.15	0.41315	0.32832	0.40491	6.15E-03	2.32E-05	1.05E-02	0.016707	6.28E-03	2.28E-05	1.17E-02	0.018023	5.97E-03	2.90E-05	2.25E-02	2.85E-02
89	486733.18	3855693.15	0.40842	0.32584	0.40118	6.08E-03	2.30E-05	1.04E-02	0.016539	6.21E-03	2.26E-05	1.16E-02	0.017843	5.90E-03	2.87E-05	2.23E-02	2.82E-02
90	486783.18	3855693.15	0.40543	0.32449	0.3993	6.03E-03	2.29E-05	1.04E-02	0.016446	6.17E-03	2.26E-05	1.16E-02	0.017743	5.86E-03	2.86E-05	2.22E-02	2.81E-02

91	486533.18	3855743.15	0.47265	0.34319	0.46536	7.04E-03	2.42E-05	1.21E-02	0.019166	7.19E-03	2.39E-05	1.35E-02	0.020679	6.83E-03	3.03E-05	2.59E-02	3.27E-02
92	486583.18	3855743.15	0.45199	0.33061	0.44449	6.73E-03	2.33E-05	1.16E-02	0.018315	6.87E-03	2.30E-05	1.29E-02	0.01976	6.53E-03	2.92E-05	2.47E-02	3.13E-02
93	486633.18	3855743.15	0.43742	0.32207	0.43026	6.51E-03	2.27E-05	1.12E-02	0.017727	6.65E-03	2.24E-05	1.25E-02	0.019126	6.32E-03	2.84E-05	2.39E-02	3.03E-02
94	486683.18	3855743.15	0.43103	0.31927	0.42483	6.42E-03	2.25E-05	1.11E-02	0.017491	6.56E-03	2.22E-05	1.23E-02	0.018871	6.23E-03	2.82E-05	2.36E-02	2.99E-02
95	486733.18	3855743.15	0.42233	0.31444	0.41679	6.29E-03	2.22E-05	1.08E-02	0.017152	6.42E-03	2.19E-05	1.21E-02	0.018506	6.10E-03	2.77E-05	2.32E-02	2.93E-02
96	486783.18	3855743.15	0.42113	0.31492	0.41688	6.27E-03	2.22E-05	1.08E-02	0.017136	6.40E-03	2.19E-05	1.21E-02	0.01849	6.09E-03	2.78E-05	2.32E-02	2.93E-02
97	486533.18	3855793.15	0.49148	0.33101	0.48691	7.32E-03	2.34E-05	1.27E-02	0.020006	7.47E-03	2.30E-05	1.41E-02	0.021588	7.10E-03	2.92E-05	2.71E-02	3.42E-02
98	486583.18	3855793.15	0.46492	0.31586	0.45941	6.92E-03	2.23E-05	1.20E-02	0.018895	7.07E-03	2.20E-05	1.33E-02	0.020387	6.72E-03	2.79E-05	2.55E-02	3.23E-02
99	486633.18	3855793.15	0.45732	0.31321	0.4527	6.81E-03	2.21E-05	1.18E-02	0.018607	6.96E-03	2.18E-05	1.31E-02	0.020077	6.61E-03	2.76E-05	2.52E-02	3.18E-02
100	486683.18	3855793.15	0.45073	0.31092	0.44705	6.71E-03	2.20E-05	1.16E-02	0.018361	6.86E-03	2.16E-05	1.29E-02	0.019813	6.51E-03	2.74E-05	2.48E-02	3.14E-02
101	486733.18	3855793.15	0.44266	0.30728	0.43969	6.59E-03	2.17E-05	1.14E-02	0.01805	6.73E-03	2.14E-05	1.27E-02	0.019477	6.40E-03	2.71E-05	2.44E-02	3.09E-02
102	486783.18	3855793.15	0.4361	0.30435	0.43389	6.49E-03	2.15E-05	1.13E-02	0.017801	6.63E-03	2.12E-05	1.26E-02	0.019209	6.30E-03	2.69E-05	2.41E-02	3.04E-02
103	486533.18	3855843.15	0.50599	0.31619	0.50392	7.53E-03	2.23E-05	1.31E-02	0.020664	7.70E-03	2.20E-05	1.46E-02	0.0223	7.31E-03	2.79E-05	2.80E-02	3.53E-02
104	486583.18	3855843.15	0.48363	0.30529	0.48091	7.20E-03	2.16E-05	1.25E-02	0.019732	7.36E-03	2.12E-05	1.39E-02	0.021293	6.99E-03	2.69E-05	2.67E-02	3.37E-02
105	486633.18	3855843.15	0.47593	0.3032	0.47405	7.08E-03	2.14E-05	1.23E-02	0.019438	7.24E-03	2.11E-05	1.37E-02	0.020977	6.88E-03	2.68E-05	2.63E-02	3.32E-02
106	486683.18	3855843.15	0.46874	0.30108	0.46771	6.98E-03	2.13E-05	1.22E-02	0.019166	7.13E-03	2.09E-05	1.35E-02	0.020684	6.77E-03	2.66E-05	2.60E-02	3.28E-02
107	486733.18	3855843.15	0.46172	0.29872	0.46148	6.87E-03	2.11E-05	1.20E-02	0.0189	7.02E-03	2.08E-05	1.34E-02	0.020397	6.67E-03	2.64E-05	2.56E-02	3.23E-02
108	486783.18	3855843.15	0.45405	0.2956	0.45443	6.76E-03	2.09E-05	1.18E-02	0.018602	6.91E-03	2.05E-05	1.32E-02	0.020076	6.56E-03	2.61E-05	2.53E-02	3.18E-02
109	486533.18	3855893.15	0.51464	0.29871	0.51463	7.66E-03	2.11E-05	1.34E-02	0.02107	7.83E-03	2.08E-05	1.49E-02	0.02274	7.44E-03	2.64E-05	2.86E-02	3.61E-02
110	486583.18	3855893.15	0.50492	0.29643	0.50554	7.52E-03	2.09E-05	1.32E-02	0.020689	7.68E-03	2.06E-05	1.46E-02	0.022329	7.30E-03	2.62E-05	2.81E-02	3.54E-02
111	486633.18	3855893.15	0.495	0.29356	0.49617	7.37E-03	2.07E-05	1.29E-02	0.020297	7.53E-03	2.04E-05	1.44E-02	0.021907	7.15E-03	2.59E-05	2.76E-02	3.47E-02
112	486683.18	3855893.15	0.48718	0.29155	0.48908	7.25E-03	2.06E-05	1.27E-02	0.019996	7.41E-03	2.03E-05	1.42E-02	0.021582	7.04E-03	2.57E-05	2.72E-02	3.42E-02
113	486733.18	3855893.15	0.47964	0.28934	0.48222	7.14E-03	2.04E-05	1.25E-02	0.019705	7.29E-03	2.01E-05	1.40E-02	0.021269	6.93E-03	2.55E-05	2.68E-02	3.38E-02
114	486783.18	3855893.15	0.47368	0.28771	0.47704	7.05E-03	2.03E-05	1.24E-02	0.019482	7.20E-03	2.00E-05	1.38E-02	0.021028	6.84E-03	2.54E-05	2.65E-02	3.34E-02
115	486533.18	3855943.15	0.53263	0.28765	0.53593	7.93E-03	2.03E-05	1.39E-02	0.021891	8.10E-03	2.00E-05	1.55E-02	0.023629	7.70E-03	2.54E-05	2.98E-02	3.75E-02
116	486583.18	3855943.15	0.52704	0.28818	0.53138	7.84E-03	2.03E-05	1.38E-02	0.02169	8.02E-03	2.00E-05	1.54E-02	0.023412	7.62E-03	2.54E-05	2.95E-02	3.72E-02
117	486633.18	3855943.15	0.51489	0.28466	0.51943	7.66E-03	2.01E-05	1.35E-02	0.021198	7.83E-03	1.98E-05	1.50E-02	0.022882	7.44E-03	2.51E-05	2.89E-02	3.63E-02
118	486683.18	3855943.15	0.50811	0.28365	0.51343	7.56E-03	2.00E-05	1.34E-02	0.02094	7.73E-03	1.97E-05	1.49E-02	0.022605	7.34E-03	2.50E-05	2.85E-02	3.59E-02
119	486733.18	3855943.15	0.49839	0.28062	0.50406	7.42E-03	1.98E-05	1.31E-02	0.020552	7.58E-03	1.95E-05	1.46E-02	0.022186	7.20E-03	2.48E-05	2.80E-02	3.52E-02
120	486783.18	3855943.15	0.49268	0.27944	0.49909	7.33E-03	1.97E-05	1.30E-02	0.020337	7.49E-03	1.94E-05	1.44E-02	0.021955	7.12E-03	2.47E-05	2.77E-02	3.49E-02
121	486533.18	3855993.15	0.55562	0.27971	0.56303	8.27E-03	1.97E-05	1.46E-02	0.022938	8.45E-03	1.94E-05	1.63E-02	0.024762	8.03E-03	2.47E-05	3.13E-02	3.93E-02
122	486583.18	3855993.15	0.54595	0.27854	0.55382	8.13E-03	1.97E-05	1.44E-02	0.022554	8.30E-03	1.94E-05	1.60E-02	0.024349	7.89E-03	2.46E-05	3.08E-02	3.87E-02
123	486633.18	3855993.15	0.53572	0.27656	0.54392	7.97E-03	1.95E-05	1.42E-02	0.022144	8.15E-03	1.92E-05	1.57E-02	0.023906	7.74E-03	2.44E-05	3.02E-02	3.80E-02
124	486683.18	3855993.15	0.52818	0.27549	0.53698	7.86E-03	1.95E-05	1.40E-02	0.021851	8.03E-03	1.91E-05	1.55E-02	0.023591	7.63E-03	2.43E-05	2.98E-02	3.75E-02
125	486733.18	3855993.15	0.51866	0.27298	0.52774	7.72E-03	1.93E-05	1.37E-02	0.021469	7.89E-03	1.90E-05	1.53E-02	0.023179	7.49E-03	2.41E-05	2.93E-02	3.68E-02
126	486783.18	3855993.15	0.51094	0.271	0.52042	7.61E-03	1.91E-05	1.35E-02	0.021164	7.77E-03	1.88E-05	1.51E-02	0.022849	7.38E-03	2.39E-05	2.89E-02	3.63E-02
127	486533.18	3856043.15	0.57794	0.27176	0.58959	8.60E-03	1.92E-05	1.53E-02	0.02396	8.79E-03	1.89E-05	1.71E-02	0.02587	8.35E-03	2.40E-05	3.28E-02	4.11E-02
128	486583.18	3856043.15	0.56931	0.27152	0.58144	8.47E-03	1.92E-05	1.51E-02	0.02362	8.66E-03	1.89E-05	1.68E-02	0.025503	8.23E-03	2.40E-05	3.23E-02	4.06E-02
129	486633.18	3856043.15	0.55708	0.26906	0.56916	8.29E-03	1.90E-05	1.48E-02	0.023118	8.47E-03	1.87E-05	1.65E-02	0.024961	8.05E-03	2.37E-05	3.16E-02	3.97E-02
130	486683.18	3856043.15	0.54979	0.26839	0.56238	8.18E-03	1.90E-05	1.46E-02	0.022833	8.36E-03	1.87E-05	1.63E-02	0.024654	7.94E-03	2.37E-05	3.12E-02	3.92E-02
131	486733.18	3856043.15	0.53873	0.2655	0.5513	8.02E-03	1.87E-05	1.43E-02	0.02238	8.19E-03	1.85E-05	1.60E-02	0.024165	7.78E-03	2.34E-05	3.06E-02	3.84E-02
132	486783.18	3856043.15	0.53272	0.26458	0.54579	7.93E-03	1.87E-05	1.42E-02	0.022147	8.10E-03	1.84E-05	1.58E-02	0.023914	7.70E-03	2.33E-05	3.03E-02	3.80E-02
133	486533.18	3856093.15	0.60412	0.26588	0.62065	8.99E-03	1.88E-05	1.61E-02	0.025158	9.19E-03	1.85E-05	1.80E-02	0.027166	8.73E-03	2.35E-05	3.45E-02	4.32E-02
134	486583.18	3856093.15	0.59218	0.26459	0.60863	8.81E-03	1.87E-05	1.58E-02	0.024667	9.01E-03	1.84E-05	1.76E-02	0.026637	8.56E-03	2.33E-05	3.38E-02	4.24E-02
135	486633.18	3856093.15	0.58031	0.26273	0.59661	8.64E-03	1.86E-05	1.55E-02	0.024178	8.83E-03	1.83E-05	1.73E-02	0.026108	8.39E-03	2.32E-05	3.32E-02	4.16E-02
136	486683.18	3856093.15	0.57137	0.26159	0.58783	8.50E-03	1.85E-05	1.53E-02	0.023816	8.69E-03	1.82E-05	1.70E-02	0.025718	8.26E-03	2.31E-05	3.27E-02	4.09E-02
137	486733.18	3856093.15	0.56082	0.25926	0.57718	8.35E-03	1.83E-05	1.50E-02	0.023382	8.53E-03	1.80E-05	1.67E-02	0.025249	8.10E-03	2.29E-05	3.21E-02	4.02E-02

138	486783.18	3856093.15	0.553	0.2577	0.56972	8.23E-03	1.82E-05	1.48E-02	0.023071	8.41E-03	1.79E-05	1.65E-02	0.024915	7.99E-03	2.27E-05	3.17E-02	3.97E-02
139	486533.18	3856143.15	0.62897	0.25976	0.65033	9.36E-03	1.83E-05	1.69E-02	0.026299	9.57E-03	1.81E-05	1.88E-02	0.028403	9.09E-03	2.29E-05	3.61E-02	4.52E-02
140	486583.18	3856143.15	0.61421	0.25775	0.63494	9.14E-03	1.82E-05	1.65E-02	0.025679	9.34E-03	1.79E-05	1.84E-02	0.027733	8.88E-03	2.27E-05	3.53E-02	4.42E-02
141	486633.18	3856143.15	0.60414	0.25697	0.62478	8.99E-03	1.81E-05	1.63E-02	0.025265	9.19E-03	1.79E-05	1.81E-02	0.027286	8.73E-03	2.27E-05	3.47E-02	4.35E-02
142	486683.18	3856143.15	0.5934	0.25534	0.61381	8.83E-03	1.80E-05	1.60E-02	0.024819	9.02E-03	1.77E-05	1.78E-02	0.026805	8.57E-03	2.25E-05	3.41E-02	4.27E-02
143	486733.18	3856143.15	0.58319	0.25341	0.6034	8.68E-03	1.79E-05	1.57E-02	0.024397	8.87E-03	1.76E-05	1.75E-02	0.026348	8.43E-03	2.24E-05	3.35E-02	4.20E-02
144	486783.18	3856143.15	0.57744	0.25285	0.5979	8.60E-03	1.79E-05	1.56E-02	0.024168	8.78E-03	1.76E-05	1.73E-02	0.026101	8.34E-03	2.23E-05	3.32E-02	4.16E-02
145	486533.18	3856193.15	0.65743	0.25534	0.68414	9.79E-03	1.80E-05	1.78E-02	0.027602	1.00E-02	1.77E-05	1.98E-02	0.029814	9.50E-03	2.25E-05	3.80E-02	4.75E-02
146	486583.18	3856193.15	0.6397	0.25272	0.66519	9.52E-03	1.78E-05	1.73E-02	0.026845	9.73E-03	1.76E-05	1.92E-02	0.028995	9.24E-03	2.23E-05	3.70E-02	4.62E-02
147	486633.18	3856193.15	0.62863	0.25186	0.6537	9.36E-03	1.78E-05	1.70E-02	0.026381	9.56E-03	1.75E-05	1.89E-02	0.028495	9.08E-03	2.22E-05	3.63E-02	4.54E-02
148	486683.18	3856193.15	0.62059	0.25149	0.64558	9.24E-03	1.78E-05	1.68E-02	0.02605	9.44E-03	1.75E-05	1.87E-02	0.028137	8.97E-03	2.22E-05	3.59E-02	4.49E-02
149	486733.18	3856193.15	0.60812	0.24891	0.63246	9.05E-03	1.76E-05	1.65E-02	0.025523	9.25E-03	1.73E-05	1.83E-02	0.027568	8.79E-03	2.20E-05	3.51E-02	4.40E-02
150	486783.18	3856193.15	0.60171	0.24815	0.62608	8.96E-03	1.75E-05	1.63E-02	0.025262	9.15E-03	1.72E-05	1.81E-02	0.027286	8.69E-03	2.19E-05	3.48E-02	4.35E-02
151	486533.18	3856243.15	0.68541	0.25088	0.71744	1.02E-02	1.77E-05	1.87E-02	0.028885	1.04E-02	1.74E-05	2.08E-02	0.031202	9.90E-03	2.21E-05	3.99E-02	4.98E-02
152	486583.18	3856243.15	0.67008	0.24966	0.70093	9.97E-03	1.76E-05	1.82E-02	0.028227	1.02E-02	1.74E-05	2.03E-02	0.030491	9.68E-03	2.20E-05	3.89E-02	4.87E-02
153	486633.18	3856243.15	0.6563	0.24824	0.68614	9.77E-03	1.75E-05	1.79E-02	0.027637	9.98E-03	1.73E-05	1.99E-02	0.029854	9.48E-03	2.19E-05	3.81E-02	4.76E-02
154	486683.18	3856243.15	0.6452	0.247	0.67438	9.60E-03	1.74E-05	1.75E-02	0.027166	9.81E-03	1.72E-05	1.95E-02	0.029345	9.32E-03	2.18E-05	3.75E-02	4.68E-02
155	486733.18	3856243.15	0.63613	0.24583	0.66489	9.47E-03	1.74E-05	1.73E-02	0.026784	9.67E-03	1.71E-05	1.92E-02	0.028932	9.19E-03	2.17E-05	3.69E-02	4.62E-02
156	486783.18	3856243.15	0.62527	0.24356	0.65338	9.31E-03	1.72E-05	1.70E-02	0.026322	9.51E-03	1.69E-05	1.89E-02	0.028434	9.04E-03	2.15E-05	3.63E-02	4.54E-02
157	486533.18	3856293.15	0.71709	0.24754	0.75484	1.07E-02	1.75E-05	1.96E-02	0.030329	1.09E-02	1.72E-05	2.18E-02	0.032766	1.04E-02	2.18E-05	4.19E-02	5.23E-02
158	486583.18	3856293.15	0.69994	0.24637	0.73597	1.04E-02	1.74E-05	1.91E-02	0.029583	1.06E-02	1.71E-05	2.13E-02	0.031959	1.01E-02	2.17E-05	4.09E-02	5.10E-02
159	486633.18	3856293.15	0.68578	0.24534	0.72051	1.02E-02	1.73E-05	1.87E-02	0.02897	1.04E-02	1.71E-05	2.08E-02	0.031297	9.91E-03	2.16E-05	4.00E-02	5.00E-02
160	486683.18	3856293.15	0.67318	0.24397	0.70684	1.00E-02	1.72E-05	1.84E-02	0.028426	1.02E-02	1.70E-05	2.05E-02	0.030709	9.73E-03	2.15E-05	3.93E-02	4.90E-02
161	486733.18	3856293.15	0.66448	0.24311	0.69758	9.89E-03	1.72E-05	1.81E-02	0.028056	1.01E-02	1.69E-05	2.02E-02	0.030309	9.60E-03	2.15E-05	3.88E-02	4.84E-02
162	486783.18	3856293.15	0.65229	0.24058	0.68443	9.71E-03	1.70E-05	1.78E-02	0.027532	9.92E-03	1.67E-05	1.98E-02	0.029743	9.43E-03	2.12E-05	3.80E-02	4.75E-02
163	486783.18	3856343.15	0.68428	0.23943	0.72077	1.02E-02	1.69E-05	1.88E-02	0.028954	1.04E-02	1.66E-05	2.09E-02	0.031281	9.89E-03	2.11E-05	4.01E-02	5.00E-02
164	486833.18	3856343.15	0.67297	0.23725	0.70839	1.00E-02	1.68E-05	1.84E-02	0.028463	1.02E-02	1.65E-05	2.05E-02	0.03075	9.72E-03	2.09E-05	3.94E-02	4.91E-02
165	486883.18	3856343.15	0.66238	0.23546	0.69682	9.86E-03	1.66E-05	1.81E-02	0.028004	1.01E-02	1.64E-05	2.02E-02	0.030254	9.57E-03	2.08E-05	3.87E-02	4.83E-02
166	486783.18	3856393.15	0.71273	0.23728	0.75296	1.06E-02	1.68E-05	1.96E-02	0.030215	1.08E-02	1.65E-05	2.18E-02	0.032645	1.03E-02	2.09E-05	4.18E-02	5.22E-02
167	486833.18	3856393.15	0.70122	0.23539	0.74022	1.04E-02	1.66E-05	1.93E-02	0.029712	1.07E-02	1.64E-05	2.14E-02	0.032101	1.01E-02	2.08E-05	4.11E-02	5.13E-02
168	486883.18	3856393.15	0.68722	0.2329	0.72477	1.02E-02	1.64E-05	1.89E-02	0.029101	1.05E-02	1.62E-05	2.10E-02	0.031441	9.93E-03	2.05E-05	4.03E-02	5.02E-02
169	487208.74	3856886.11	0.9137	0.34557	0.98178	1.36E-02	2.44E-05	2.55E-02	0.039167	1.39E-02	2.40E-05	2.84E-02	0.04233	1.32E-02	3.05E-05	5.46E-02	6.78E-02
170	487258.74	3856886.11	0.88775	0.35976	0.95328	1.32E-02	2.54E-05	2.48E-02	0.03804	1.35E-02	2.50E-05	2.76E-02	0.041112	1.28E-02	3.17E-05	5.30E-02	6.58E-02
171	487308.74	3856886.11	0.86376	0.37541	0.92711	1.29E-02	2.65E-05	2.41E-02	0.037003	1.31E-02	2.61E-05	2.68E-02	0.039991	1.25E-02	3.31E-05	5.15E-02	6.40E-02
172	487358.74	3856886.11	0.84008	0.39079	0.90113	1.25E-02	2.76E-05	2.34E-02	0.035976	1.28E-02	2.72E-05	2.61E-02	0.03888	1.21E-02	3.45E-05	5.01E-02	6.22E-02
173	487208.74	3856936.11	0.95511	0.40595	1.03054	1.42E-02	2.87E-05	2.68E-02	0.041056	1.45E-02	2.82E-05	2.98E-02	0.044375	1.38E-02	3.58E-05	5.73E-02	7.11E-02
174	487258.74	3856936.11	0.92662	0.42661	0.99912	1.38E-02	3.01E-05	2.60E-02	0.039816	1.41E-02	2.97E-05	2.89E-02	0.043034	1.34E-02	3.76E-05	5.55E-02	6.89E-02
175	487308.74	3856936.11	0.90064	0.44809	0.97054	1.34E-02	3.16E-05	2.52E-02	0.038687	1.37E-02	3.11E-05	2.81E-02	0.041814	1.30E-02	3.95E-05	5.39E-02	6.70E-02
176	487358.74	3856936.11	0.87537	0.46844	0.94272	1.30E-02	3.31E-05	2.45E-02	0.037588	1.33E-02	3.26E-05	2.73E-02	0.040626	1.26E-02	4.13E-05	5.24E-02	6.51E-02
177	487208.74	3856986.11	0.99959	0.50249	1.08342	1.49E-02	3.55E-05	2.82E-02	0.0431	1.52E-02	3.49E-05	3.14E-02	0.046589	1.44E-02	4.43E-05	6.02E-02	7.47E-02
178	487258.74	3856986.11	0.96987	0.53169	1.05076	1.44E-02	3.75E-05	2.73E-02	0.04181	1.48E-02	3.70E-05	3.04E-02	0.045194	1.40E-02	4.69E-05	5.84E-02	7.24E-02
179	487308.74	3856986.11	0.93942	0.55632	1.01662	1.40E-02	3.93E-05	2.64E-02	0.040471	1.43E-02	3.87E-05	2.94E-02	0.043744	1.36E-02	4.91E-05	5.65E-02	7.01E-02
180	487358.74	3856986.11	0.91285	0.58168	0.98753	1.36E-02	4.11E-05	2.57E-02	0.03932	1.39E-02	4.04E-05	2.86E-02	0.0425	1.32E-02	5.13E-05	5.49E-02	6.81E-02
181	487208.74	3857036.11	1.04727	0.65578	1.14076	1.56E-02	4.63E-05	2.97E-02	0.045313	1.59E-02	4.56E-05	3.30E-02	0.048984	1.51E-02	5.79E-05	6.34E-02	7.86E-02
182	487258.74	3857036.11	1.01326	0.68897	1.10292	1.51E-02	4.86E-05	2.87E-02	0.043824	1.54E-02	4.79E-05	3.19E-02	0.047374	1.46E-02	6.08E-05	6.13E-02	7.60E-02
183	487308.74	3857036.11	0.98242	0.71964	1.06876	1.46E-02	5.08E-05	2.78E-02	0.042479	1.49E-02	5.00E-05	3.09E-02	0.045918	1.42E-02	6.35E-05	5.94E-02	7.36E-02
184	487358.74	3857036.11	0.95245	0.74437	1.03532	1.42E-02	5.26E-05	2.69E-02	0.041164	1.45E-02	5.17E-05	3.00E-02	0.044497	1.38E-02	6.57E-05	5.75E-02	7.14E-02

185	487427.14	3856878.23	0.80791	0.40374	0.86586	1.20E-02	2.85E-05	2.25E-02	0.03458	1.23E-02	2.81E-05	2.51E-02	0.037371	1.17E-02	3.56E-05	4.81E-02	5.98E-02
186	487477.14	3856878.23	0.78854	0.41896	0.84486	1.17E-02	2.96E-05	2.20E-02	0.033747	1.20E-02	2.91E-05	2.44E-02	0.03647	1.14E-02	3.70E-05	4.69E-02	5.84E-02
187	487527.14	3856878.23	0.76959	0.43257	0.8242	1.15E-02	3.05E-05	2.14E-02	0.032928	1.17E-02	3.01E-05	2.39E-02	0.035585	1.11E-02	3.82E-05	4.58E-02	5.70E-02
188	487427.14	3856928.23	0.83956	0.48126	0.90308	1.25E-02	3.40E-05	2.35E-02	0.036025	1.28E-02	3.34E-05	2.61E-02	0.038935	1.21E-02	4.25E-05	5.02E-02	6.24E-02
189	487477.14	3856928.23	0.81731	0.49745	0.87855	1.22E-02	3.51E-05	2.29E-02	0.035057	1.24E-02	3.46E-05	2.54E-02	0.037888	1.18E-02	4.39E-05	4.88E-02	6.07E-02
190	487527.14	3856928.23	0.79732	0.51296	0.85669	1.19E-02	3.62E-05	2.23E-02	0.034192	1.21E-02	3.57E-05	2.48E-02	0.036952	1.15E-02	4.53E-05	4.76E-02	5.92E-02
191	487577.14	3856928.23	0.77812	0.52631	0.83569	1.16E-02	3.72E-05	2.17E-02	0.033361	1.18E-02	3.66E-05	2.42E-02	0.036053	1.12E-02	4.64E-05	4.64E-02	5.77E-02
192	487627.14	3856928.23	0.75879	0.53658	0.81437	1.13E-02	3.79E-05	2.12E-02	0.032519	1.15E-02	3.73E-05	2.36E-02	0.035143	1.10E-02	4.73E-05	4.53E-02	5.63E-02
193	487677.14	3856928.23	0.74185	0.5475	0.79604	1.10E-02	3.87E-05	2.07E-02	0.031791	1.13E-02	3.81E-05	2.30E-02	0.034356	1.07E-02	4.83E-05	4.42E-02	5.50E-02
194	487727.14	3856928.23	0.72581	0.55727	0.77866	1.08E-02	3.93E-05	2.03E-02	0.0311	1.10E-02	3.87E-05	2.25E-02	0.03361	1.05E-02	4.92E-05	4.33E-02	5.38E-02
195	487777.14	3856928.23	0.70938	0.56428	0.7608	1.06E-02	3.98E-05	1.98E-02	0.030392	1.08E-02	3.92E-05	2.20E-02	0.032844	1.03E-02	4.98E-05	4.23E-02	5.26E-02
196	487427.14	3856978.23	0.87199	0.58893	0.94159	1.30E-02	4.16E-05	2.45E-02	0.037517	1.33E-02	4.09E-05	2.72E-02	0.04055	1.26E-02	5.20E-05	5.23E-02	6.50E-02
197	487477.14	3856978.23	0.84891	0.60709	0.91623	1.26E-02	4.29E-05	2.38E-02	0.036515	1.29E-02	4.22E-05	2.65E-02	0.039466	1.23E-02	5.36E-05	5.09E-02	6.32E-02
198	487527.14	3856978.23	0.82703	0.6222	0.8921	1.23E-02	4.39E-05	2.32E-02	0.035563	1.26E-02	4.32E-05	2.58E-02	0.038436	1.20E-02	5.49E-05	4.96E-02	6.16E-02
199	487577.14	3856978.23	0.80591	0.63418	0.86875	1.20E-02	4.48E-05	2.26E-02	0.034642	1.23E-02	4.41E-05	2.51E-02	0.03744	1.16E-02	5.60E-05	4.83E-02	6.00E-02
200	487627.14	3856978.23	0.78494	0.64268	0.84549	1.17E-02	4.54E-05	2.20E-02	0.033725	1.19E-02	4.47E-05	2.45E-02	0.036449	1.13E-02	5.67E-05	4.70E-02	5.84E-02
201	487677.14	3856978.23	0.76661	0.65175	0.82536	1.14E-02	4.60E-05	2.15E-02	0.032929	1.17E-02	4.53E-05	2.39E-02	0.035588	1.11E-02	5.75E-05	4.59E-02	5.70E-02
202	487727.14	3856978.23	0.74609	0.65456	0.8027	1.11E-02	4.62E-05	2.09E-02	0.032035	1.13E-02	4.55E-05	2.32E-02	0.034621	1.08E-02	5.78E-05	4.46E-02	5.54E-02
203	487777.14	3856978.23	0.73201	0.66409	0.78785	1.09E-02	4.69E-05	2.05E-02	0.031439	1.11E-02	4.62E-05	2.28E-02	0.033977	1.06E-02	5.86E-05	4.38E-02	5.44E-02
204	487427.14	3857028.23	0.90835	0.74157	0.98531	1.35E-02	5.24E-05	2.56E-02	0.039207	1.38E-02	5.15E-05	2.85E-02	0.042379	1.31E-02	6.54E-05	5.47E-02	6.79E-02
205	487477.14	3857028.23	0.88283	0.75623	0.95665	1.31E-02	5.34E-05	2.49E-02	0.038082	1.34E-02	5.26E-05	2.77E-02	0.041162	1.28E-02	6.67E-05	5.32E-02	6.60E-02
206	487527.14	3857028.23	0.85822	0.76659	0.92917	1.28E-02	5.41E-05	2.42E-02	0.037002	1.31E-02	5.33E-05	2.69E-02	0.039993	1.24E-02	6.76E-05	5.16E-02	6.41E-02
207	487577.14	3857028.23	0.83536	0.77489	0.9039	1.24E-02	5.47E-05	2.35E-02	0.036005	1.27E-02	5.39E-05	2.62E-02	0.038915	1.21E-02	6.84E-05	5.02E-02	6.24E-02
208	487627.14	3857028.23	0.81237	0.77816	0.8782	1.21E-02	5.49E-05	2.28E-02	0.034994	1.24E-02	5.41E-05	2.54E-02	0.037822	1.17E-02	6.87E-05	4.88E-02	6.06E-02
209	487677.14	3857028.23	0.79194	0.78183	0.8558	1.18E-02	5.52E-05	2.23E-02	0.034107	1.20E-02	5.43E-05	2.48E-02	0.036863	1.14E-02	6.90E-05	4.76E-02	5.91E-02
210	487727.14	3857028.23	0.77328	0.78448	0.83551	1.15E-02	5.54E-05	2.17E-02	0.033302	1.18E-02	5.45E-05	2.42E-02	0.035993	1.12E-02	6.92E-05	4.64E-02	5.77E-02
211	487777.14	3857028.23	0.75458	0.78311	0.81516	1.12E-02	5.53E-05	2.12E-02	0.032494	1.15E-02	5.44E-05	2.36E-02	0.035119	1.09E-02	6.91E-05	4.53E-02	5.63E-02
212	487427.14	3857078.23	0.94661	0.948	1.03141	1.41E-02	6.69E-05	2.68E-02	0.04099	1.44E-02	6.59E-05	2.98E-02	0.044309	1.37E-02	8.36E-05	5.73E-02	7.11E-02
213	487477.14	3857078.23	0.91789	0.95271	0.99892	1.37E-02	6.73E-05	2.60E-02	0.039718	1.40E-02	6.62E-05	2.89E-02	0.042932	1.33E-02	8.41E-05	5.55E-02	6.89E-02
214	487527.14	3857078.23	0.89153	0.95499	0.96929	1.33E-02	6.74E-05	2.52E-02	0.038555	1.36E-02	6.64E-05	2.80E-02	0.041674	1.29E-02	8.43E-05	5.39E-02	6.68E-02
215	487577.14	3857078.23	0.86621	0.95355	0.94103	1.29E-02	6.73E-05	2.45E-02	0.037442	1.32E-02	6.63E-05	2.72E-02	0.040471	1.25E-02	8.41E-05	5.23E-02	6.49E-02
216	487627.14	3857078.23	0.84176	0.94839	0.91378	1.25E-02	6.70E-05	2.38E-02	0.036369	1.28E-02	6.59E-05	2.64E-02	0.03931	1.22E-02	8.37E-05	5.08E-02	6.30E-02
217	487677.14	3857078.23	0.81929	0.94215	0.88903	1.22E-02	6.65E-05	2.31E-02	0.03539	1.25E-02	6.55E-05	2.57E-02	0.038252	1.18E-02	8.31E-05	4.94E-02	6.13E-02
218	487727.14	3857078.23	0.79833	0.93389	0.86605	1.19E-02	6.59E-05	2.25E-02	0.03448	1.21E-02	6.49E-05	2.51E-02	0.037268	1.15E-02	8.24E-05	4.81E-02	5.97E-02
219	487777.14	3857078.23	0.77743	0.92137	0.84316	1.16E-02	6.51E-05	2.19E-02	0.033573	1.18E-02	6.40E-05	2.44E-02	0.036287	1.12E-02	8.13E-05	4.69E-02	5.82E-02
220	487427.14	3857128.23	0.98777	1.21994	1.08134	1.47E-02	8.61E-05	2.81E-02	0.042921	1.50E-02	8.48E-05	3.13E-02	0.046399	1.43E-02	1.08E-04	6.01E-02	7.45E-02
221	487477.14	3857128.23	0.95568	1.2057	1.0447	1.42E-02	8.51E-05	2.72E-02	0.041489	1.45E-02	8.38E-05	3.02E-02	0.044849	1.38E-02	1.06E-04	5.81E-02	7.20E-02
222	487527.14	3857128.23	0.92569	1.18918	1.01077	1.38E-02	8.40E-05	2.63E-02	0.040159	1.41E-02	8.27E-05	2.92E-02	0.04341	1.34E-02	1.05E-04	5.62E-02	6.96E-02
223	487577.14	3857128.23	0.89823	1.17217	0.98007	1.34E-02	8.28E-05	2.55E-02	0.03895	1.37E-02	8.15E-05	2.84E-02	0.042103	1.30E-02	1.03E-04	5.45E-02	6.75E-02
224	487627.14	3857128.23	0.87236	1.15272	0.95132	1.30E-02	8.14E-05	2.47E-02	0.037816	1.33E-02	8.01E-05	2.75E-02	0.040876	1.26E-02	1.02E-04	5.29E-02	6.56E-02
225	487677.14	3857128.23	0.84702	1.1289	0.92317	1.26E-02	7.97E-05	2.40E-02	0.036705	1.29E-02	7.85E-05	2.67E-02	0.039675	1.22E-02	9.96E-05	5.13E-02	6.36E-02
226	487727.14	3857128.23	0.82469	1.10673	0.89874	1.23E-02	7.81E-05	2.34E-02	0.035735	1.25E-02	7.69E-05	2.60E-02	0.038627	1.19E-02	9.77E-05	4.99E-02	6.20E-02
227	487777.14	3857128.23	0.80206	1.07954	0.87378	1.19E-02	7.62E-05	2.27E-02	0.034747	1.22E-02	7.50E-05	2.53E-02	0.037558	1.16E-02	9.53E-05	4.86E-02	6.02E-02
228	488049.44	3856539.39	0.51737	0.27537	0.54434	7.70E-03	1.94E-05	1.42E-02	0.021882	7.87E-03	1.91E-05	1.58E-02	0.023639	7.48E-03	2.43E-05	3.02E-02	3.77E-02
229	488099.44	3856539.39	0.50828	0.27804	0.53477	7.57E-03	1.96E-05	1.39E-02	0.021498	7.73E-03	1.93E-05	1.55E-02	0.023224	7.34E-03	2.45E-05	2.97E-02	3.71E-02
230	488149.44	3856539.39	0.50031	0.28131	0.52639	7.45E-03	1.99E-05	1.37E-02	0.021161	7.61E-03	1.96E-05	1.52E-02	0.022861	7.23E-03	2.48E-05	2.92E-02	3.65E-02
231	488049.44	3856589.39	0.5315	0.29248	0.56016	7.91E-03	2.07E-05	1.46E-02	0.022505	8.08E-03	2.03E-05	1.62E-02	0.024313	7.68E-03	2.58E-05	3.11E-02	3.88E-02

232	488099.44	3856589.39	0.52219	0.29587	0.55032	7.77E-03	2.09E-05	1.43E-02	0.022111	7.94E-03	2.06E-05	1.59E-02	0.023887	7.55E-03	2.61E-05	3.06E-02	3.82E-02
233	488149.44	3856589.39	0.5134	0.29938	0.54105	7.64E-03	2.11E-05	1.41E-02	0.021739	7.81E-03	2.08E-05	1.57E-02	0.023486	7.42E-03	2.64E-05	3.01E-02	3.75E-02
234	488199.44	3856589.39	0.50437	0.30237	0.53156	7.51E-03	2.13E-05	1.38E-02	0.021358	7.67E-03	2.10E-05	1.54E-02	0.023074	7.29E-03	2.67E-05	2.95E-02	3.69E-02
235	488249.44	3856589.39	0.49781	0.30694	0.5247	7.41E-03	2.17E-05	1.37E-02	0.021082	7.57E-03	2.13E-05	1.52E-02	0.022776	7.19E-03	2.71E-05	2.92E-02	3.64E-02
236	488049.44	3856639.39	0.54558	0.31416	0.57601	8.12E-03	2.22E-05	1.50E-02	0.023128	8.30E-03	2.18E-05	1.67E-02	0.024988	7.88E-03	2.77E-05	3.20E-02	3.99E-02
237	488099.44	3856639.39	0.53583	0.31805	0.56569	7.98E-03	2.25E-05	1.47E-02	0.022715	8.15E-03	2.21E-05	1.64E-02	0.024541	7.74E-03	2.81E-05	3.14E-02	3.92E-02
238	488149.44	3856639.39	0.52647	0.32179	0.55579	7.84E-03	2.27E-05	1.45E-02	0.022318	8.01E-03	2.24E-05	1.61E-02	0.024112	7.61E-03	2.84E-05	3.09E-02	3.85E-02
239	488199.44	3856639.39	0.51812	0.32587	0.547	7.71E-03	2.30E-05	1.42E-02	0.021966	7.88E-03	2.26E-05	1.58E-02	0.023731	7.49E-03	2.88E-05	3.04E-02	3.79E-02
240	488249.44	3856639.39	0.50971	0.32932	0.53815	7.59E-03	2.33E-05	1.40E-02	0.021611	7.75E-03	2.29E-05	1.56E-02	0.023348	7.37E-03	2.91E-05	2.99E-02	3.73E-02
241	488299.44	3856639.39	0.50156	0.3324	0.52965	7.47E-03	2.35E-05	1.38E-02	0.021268	7.63E-03	2.31E-05	1.53E-02	0.022978	7.25E-03	2.93E-05	2.94E-02	3.67E-02
242	488349.44	3856639.39	0.49318	0.33456	0.52091	7.34E-03	2.36E-05	1.36E-02	0.020916	7.50E-03	2.33E-05	1.51E-02	0.022598	7.13E-03	2.95E-05	2.89E-02	3.61E-02
243	488399.44	3856639.39	0.48614	0.33727	0.51364	7.24E-03	2.38E-05	1.34E-02	0.020623	7.39E-03	2.34E-05	1.49E-02	0.02228	7.02E-03	2.98E-05	2.85E-02	3.56E-02
244	488099.44	3856689.39	0.55014	0.34604	0.58193	8.19E-03	2.44E-05	1.51E-02	0.023353	8.37E-03	2.41E-05	1.68E-02	0.025231	7.95E-03	3.05E-05	3.23E-02	4.03E-02
245	488149.44	3856689.39	0.54012	0.34967	0.57131	8.04E-03	2.47E-05	1.49E-02	0.022927	8.21E-03	2.43E-05	1.65E-02	0.024771	7.80E-03	3.09E-05	3.17E-02	3.96E-02
246	488199.44	3856689.39	0.53114	0.3535	0.56185	7.91E-03	2.50E-05	1.46E-02	0.022548	8.08E-03	2.46E-05	1.63E-02	0.024361	7.68E-03	3.12E-05	3.12E-02	3.89E-02
247	488249.44	3856689.39	0.52169	0.35607	0.55188	7.77E-03	2.51E-05	1.44E-02	0.022148	7.93E-03	2.47E-05	1.60E-02	0.023929	7.54E-03	3.14E-05	3.07E-02	3.82E-02
248	488299.44	3856689.39	0.51372	0.35924	0.54356	7.65E-03	2.54E-05	1.41E-02	0.021813	7.81E-03	2.50E-05	1.57E-02	0.023567	7.42E-03	3.17E-05	3.02E-02	3.77E-02
249	488349.44	3856689.39	0.50495	0.36081	0.5344	7.52E-03	2.55E-05	1.39E-02	0.021444	7.68E-03	2.51E-05	1.55E-02	0.023169	7.30E-03	3.18E-05	2.97E-02	3.70E-02
250	488399.44	3856689.39	0.49563	0.36104	0.52469	7.38E-03	2.55E-05	1.37E-02	0.021053	7.54E-03	2.51E-05	1.52E-02	0.022746	7.16E-03	3.19E-05	2.92E-02	3.63E-02
251	488099.44	3856739.39	0.56478	0.38049	0.59882	8.41E-03	2.69E-05	1.56E-02	0.024012	8.59E-03	2.64E-05	1.73E-02	0.025944	8.16E-03	3.36E-05	3.33E-02	4.15E-02
252	488149.44	3856739.39	0.55379	0.38319	0.58708	8.24E-03	2.71E-05	1.53E-02	0.023544	8.42E-03	2.66E-05	1.70E-02	0.025438	8.00E-03	3.38E-05	3.26E-02	4.07E-02
253	488199.44	3856739.39	0.54465	0.3869	0.57751	8.11E-03	2.73E-05	1.50E-02	0.023159	8.28E-03	2.69E-05	1.67E-02	0.025022	7.87E-03	3.41E-05	3.21E-02	4.00E-02
254	488249.44	3856739.39	0.53469	0.38862	0.56695	7.96E-03	2.74E-05	1.47E-02	0.022736	8.13E-03	2.70E-05	1.64E-02	0.024565	7.73E-03	3.43E-05	3.15E-02	3.93E-02
255	488299.44	3856739.39	0.52429	0.38885	0.55592	7.80E-03	2.75E-05	1.45E-02	0.022294	7.97E-03	2.70E-05	1.61E-02	0.024088	7.58E-03	3.43E-05	3.09E-02	3.85E-02
256	488349.44	3856739.39	0.51653	0.39116	0.54795	7.69E-03	2.76E-05	1.43E-02	0.021971	7.86E-03	2.72E-05	1.59E-02	0.023739	7.46E-03	3.45E-05	3.04E-02	3.79E-02
257	488399.44	3856739.39	0.50872	0.39262	0.53992	7.57E-03	2.77E-05	1.40E-02	0.021646	7.74E-03	2.73E-05	1.56E-02	0.023388	7.35E-03	3.46E-05	3.00E-02	3.74E-02
258	487999.44	3856789.39	0.60008	0.41176	0.63782	8.93E-03	2.91E-05	1.66E-02	0.025555	9.13E-03	2.86E-05	1.85E-02	0.027612	8.67E-03	3.63E-05	3.54E-02	4.41E-02
259	488049.44	3856789.39	0.58884	0.41631	0.62582	8.76E-03	2.94E-05	1.63E-02	0.025075	8.96E-03	2.89E-05	1.81E-02	0.027094	8.51E-03	3.67E-05	3.48E-02	4.33E-02
260	488099.44	3856789.39	0.57876	0.42094	0.61514	8.61E-03	2.97E-05	1.60E-02	0.024648	8.80E-03	2.93E-05	1.78E-02	0.026632	8.36E-03	3.71E-05	3.42E-02	4.26E-02
261	488149.44	3856789.39	0.56769	0.42321	0.60335	8.45E-03	2.99E-05	1.57E-02	0.024177	8.63E-03	2.94E-05	1.75E-02	0.026123	8.20E-03	3.73E-05	3.35E-02	4.18E-02
262	488199.44	3856789.39	0.55764	0.42536	0.5927	8.30E-03	3.00E-05	1.54E-02	0.02375	8.48E-03	2.96E-05	1.72E-02	0.025662	8.06E-03	3.75E-05	3.29E-02	4.10E-02
263	488249.44	3856789.39	0.54736	0.42609	0.58182	8.15E-03	3.01E-05	1.51E-02	0.023314	8.32E-03	2.96E-05	1.68E-02	0.025191	7.91E-03	3.76E-05	3.23E-02	4.03E-02
264	488299.44	3856789.39	0.53681	0.42544	0.57069	7.99E-03	3.00E-05	1.48E-02	0.022867	8.16E-03	2.96E-05	1.65E-02	0.024708	7.76E-03	3.75E-05	3.17E-02	3.95E-02
265	488349.44	3856789.39	0.52847	0.42657	0.56215	7.87E-03	3.01E-05	1.46E-02	0.022521	8.04E-03	2.96E-05	1.63E-02	0.024334	7.64E-03	3.76E-05	3.12E-02	3.89E-02
266	488399.44	3856789.39	0.51971	0.42632	0.5531	7.74E-03	3.01E-05	1.44E-02	0.022155	7.90E-03	2.96E-05	1.60E-02	0.023939	7.51E-03	3.76E-05	3.07E-02	3.83E-02
267	487949.44	3856839.39	0.62795	0.45793	0.66933	9.35E-03	3.23E-05	1.74E-02	0.026792	9.55E-03	3.18E-05	1.94E-02	0.028951	9.07E-03	4.04E-05	3.72E-02	4.63E-02
268	487999.44	3856839.39	0.61576	0.46251	0.65625	9.17E-03	3.27E-05	1.71E-02	0.026271	9.36E-03	3.21E-05	1.90E-02	0.028387	8.90E-03	4.08E-05	3.65E-02	4.54E-02
269	488049.44	3856839.39	0.60383	0.46584	0.64347	8.99E-03	3.29E-05	1.67E-02	0.025761	9.18E-03	3.24E-05	1.86E-02	0.027836	8.73E-03	4.11E-05	3.58E-02	4.45E-02
270	488099.44	3856839.39	0.59267	0.46857	0.63161	8.82E-03	3.31E-05	1.64E-02	0.025287	9.01E-03	3.26E-05	1.83E-02	0.027323	8.56E-03	4.13E-05	3.51E-02	4.37E-02
271	488149.44	3856839.39	0.58174	0.47016	0.62005	8.66E-03	3.32E-05	1.61E-02	0.024823	8.85E-03	3.27E-05	1.79E-02	0.026823	8.41E-03	4.15E-05	3.45E-02	4.29E-02
272	488199.44	3856839.39	0.57104	0.4706	0.60872	8.50E-03	3.32E-05	1.58E-02	0.024369	8.68E-03	3.27E-05	1.76E-02	0.026332	8.25E-03	4.15E-05	3.38E-02	4.21E-02
273	487949.44	3856889.39	0.64436	0.51996	0.68873	9.59E-03	3.67E-05	1.79E-02	0.027546	9.80E-03	3.61E-05	1.99E-02	0.029766	9.31E-03	4.59E-05	3.83E-02	4.76E-02
274	487999.44	3856889.39	0.63228	0.52394	0.67594	9.41E-03	3.70E-05	1.76E-02	0.027034	9.62E-03	3.64E-05	1.96E-02	0.029213	9.14E-03	4.62E-05	3.76E-02	4.67E-02
275	488049.44	3856889.39	0.61886	0.52405	0.66147	9.21E-03	3.70E-05	1.72E-02	0.026457	9.41E-03	3.64E-05	1.91E-02	0.02859	8.94E-03	4.62E-05	3.68E-02	4.57E-02
276	488099.44	3856889.39	0.60742	0.52505	0.64931	9.04E-03	3.71E-05	1.69E-02	0.025971	9.24E-03	3.65E-05	1.88E-02	0.028064	8.78E-03	4.63E-05	3.61E-02	4.49E-02
277	488635.86	3857895.05	0.66426	0.48291	0.74584	9.89E-03	3.41E-05	1.94E-02	0.029325	1.01E-02	3.36E-05	2.16E-02	0.031719	9.60E-03	4.26E-05	4.14E-02	5.11E-02
278	489137.64	3857804.15	0.50169	0.41906	0.55883	7.47E-03	2.96E-05	1.45E-02	0.022036	7.63E-03	2.91E-05	1.62E-02	0.02383	7.25E-03	3.70E-05	3.11E-02	3.83E-02

279	488617.32	3857859.41	0.66785	0.51253	0.74973	9.94E-03	3.62E-05	1.95E-02	0.029482	1.02E-02	3.56E-05	2.17E-02	0.031888	9.65E-03	4.52E-05	4.17E-02	5.14E-02
280	488667.32	3857859.41	0.64783	0.49999	0.72716	9.64E-03	3.53E-05	1.89E-02	0.028596	9.85E-03	3.48E-05	2.10E-02	0.03093	9.36E-03	4.41E-05	4.04E-02	4.98E-02
281	488717.32	3857859.41	0.62891	0.48786	0.70576	9.36E-03	3.44E-05	1.84E-02	0.027757	9.56E-03	3.39E-05	2.04E-02	0.030022	9.09E-03	4.30E-05	3.92E-02	4.83E-02
282	488767.32	3857859.41	0.61122	0.47524	0.68381	9.10E-03	3.36E-05	1.78E-02	0.026921	9.30E-03	3.30E-05	1.98E-02	0.029117	8.83E-03	4.19E-05	3.80E-02	4.69E-02
283	488617.32	3857909.41	0.67355	0.47704	0.75708	1.00E-02	3.37E-05	1.97E-02	0.029755	1.02E-02	3.32E-05	2.19E-02	0.032185	9.73E-03	4.21E-05	4.21E-02	5.18E-02
284	488667.32	3857909.41	0.6533	0.4654	0.73071	9.72E-03	3.29E-05	1.90E-02	0.028767	9.94E-03	3.23E-05	2.11E-02	0.031113	9.44E-03	4.11E-05	4.06E-02	5.01E-02
285	488717.32	3857909.41	0.63296	0.45642	0.71056	9.42E-03	3.22E-05	1.85E-02	0.02794	9.63E-03	3.17E-05	2.06E-02	0.03022	9.15E-03	4.03E-05	3.95E-02	4.87E-02
286	488767.32	3857909.41	0.61454	0.44593	0.68792	9.15E-03	3.15E-05	1.79E-02	0.027076	9.35E-03	3.10E-05	1.99E-02	0.029284	8.88E-03	3.93E-05	3.82E-02	4.71E-02
287	488417.32	3857959.41	0.7782	0.48103	0.8884	1.16E-02	3.40E-05	2.31E-02	0.03473	1.18E-02	3.34E-05	2.57E-02	0.037577	1.12E-02	4.24E-05	4.94E-02	6.07E-02
288	488467.32	3857959.41	0.75141	0.4707	0.85318	1.12E-02	3.32E-05	2.22E-02	0.033414	1.14E-02	3.27E-05	2.47E-02	0.036149	1.09E-02	4.15E-05	4.74E-02	5.83E-02
289	488517.32	3857959.41	0.72621	0.46061	0.8203	1.08E-02	3.25E-05	2.13E-02	0.032183	1.10E-02	3.20E-05	2.37E-02	0.034814	1.05E-02	4.06E-05	4.56E-02	5.61E-02
290	488567.32	3857959.41	0.70229	0.45081	0.78973	1.05E-02	3.18E-05	2.05E-02	0.031031	1.07E-02	3.13E-05	2.29E-02	0.033565	1.01E-02	3.98E-05	4.39E-02	5.41E-02
291	488617.32	3857959.41	0.67925	0.44188	0.76263	1.01E-02	3.12E-05	1.98E-02	0.029982	1.03E-02	3.07E-05	2.21E-02	0.03243	9.82E-03	3.90E-05	4.24E-02	5.22E-02
292	488667.32	3857959.41	0.65739	0.43331	0.73747	9.79E-03	3.06E-05	1.92E-02	0.029002	1.00E-02	3.01E-05	2.13E-02	0.031369	9.50E-03	3.82E-05	4.10E-02	5.05E-02
293	488717.32	3857959.41	0.63698	0.42457	0.71287	9.48E-03	3.00E-05	1.85E-02	0.028057	9.69E-03	2.95E-05	2.06E-02	0.030346	9.20E-03	3.75E-05	3.96E-02	4.89E-02
294	488767.32	3857959.41	0.61742	0.41645	0.69051	9.19E-03	2.94E-05	1.80E-02	0.027184	9.39E-03	2.89E-05	2.00E-02	0.029401	8.92E-03	3.67E-05	3.84E-02	4.73E-02
295	488417.32	3858009.41	0.78931	0.44104	0.90229	1.17E-02	3.11E-05	2.35E-02	0.035254	1.20E-02	3.07E-05	2.61E-02	0.038145	1.14E-02	3.89E-05	5.01E-02	6.16E-02
296	488467.32	3858009.41	0.76126	0.43236	0.86368	1.13E-02	3.05E-05	2.25E-02	0.033831	1.16E-02	3.01E-05	2.50E-02	0.0366	1.10E-02	3.81E-05	4.80E-02	5.90E-02
297	488517.32	3858009.41	0.73451	0.42403	0.82851	1.09E-02	2.99E-05	2.16E-02	0.032517	1.12E-02	2.95E-05	2.40E-02	0.035175	1.06E-02	3.74E-05	4.60E-02	5.67E-02
298	488567.32	3858009.41	0.70934	0.41581	0.79566	1.06E-02	2.94E-05	2.07E-02	0.031288	1.08E-02	2.89E-05	2.30E-02	0.033841	1.03E-02	3.67E-05	4.42E-02	5.45E-02
299	488617.32	3858009.41	0.68464	0.40879	0.76781	1.02E-02	2.89E-05	2.00E-02	0.030195	1.04E-02	2.84E-05	2.22E-02	0.032659	9.89E-03	3.61E-05	4.27E-02	5.26E-02
300	488667.32	3858009.41	0.66144	0.40189	0.74157	9.85E-03	2.84E-05	1.93E-02	0.029166	1.01E-02	2.79E-05	2.15E-02	0.031547	9.56E-03	3.55E-05	4.12E-02	5.08E-02
301	488717.32	3858009.41	0.63982	0.39484	0.71608	9.52E-03	2.79E-05	1.86E-02	0.028181	9.73E-03	2.74E-05	2.07E-02	0.03048	9.25E-03	3.48E-05	3.98E-02	4.91E-02
302	488767.32	3858009.41	0.61947	0.388	0.69212	9.22E-03	2.74E-05	1.80E-02	0.027254	9.42E-03	2.70E-05	2.00E-02	0.029476	8.95E-03	3.42E-05	3.85E-02	4.74E-02
303	488417.32	3858059.41	0.8025	0.40447	0.91459	1.19E-02	2.86E-05	2.38E-02	0.035767	1.22E-02	2.81E-05	2.65E-02	0.038699	1.16E-02	3.57E-05	5.08E-02	6.25E-02
304	488467.32	3858059.41	0.77213	0.39733	0.87292	1.15E-02	2.81E-05	2.27E-02	0.034231	1.17E-02	2.76E-05	2.53E-02	0.037031	1.12E-02	3.51E-05	4.85E-02	5.97E-02
305	488517.32	3858059.41	0.74299	0.39055	0.83564	1.11E-02	2.76E-05	2.17E-02	0.032827	1.13E-02	2.71E-05	2.42E-02	0.035508	1.07E-02	3.45E-05	4.64E-02	5.72E-02
306	488567.32	3858059.41	0.71568	0.38386	0.80112	1.07E-02	2.71E-05	2.08E-02	0.031522	1.09E-02	2.67E-05	2.32E-02	0.034094	1.03E-02	3.39E-05	4.45E-02	5.49E-02
307	488617.32	3858059.41	0.68983	0.37752	0.76972	1.03E-02	2.67E-05	2.00E-02	0.03032	1.05E-02	2.62E-05	2.23E-02	0.032791	9.97E-03	3.33E-05	4.28E-02	5.28E-02
308	488667.32	3858059.41	0.66504	0.37198	0.74233	9.90E-03	2.63E-05	1.93E-02	0.029238	1.01E-02	2.59E-05	2.15E-02	0.031621	9.61E-03	3.28E-05	4.12E-02	5.09E-02
309	488417.32	3858109.41	0.81344	0.37273	0.93184	1.21E-02	2.63E-05	2.42E-02	0.036377	1.24E-02	2.59E-05	2.70E-02	0.039362	1.18E-02	3.29E-05	5.18E-02	6.36E-02
310	488467.32	3858109.41	0.78125	0.36659	0.88481	1.16E-02	2.59E-05	2.30E-02	0.034674	1.19E-02	2.55E-05	2.56E-02	0.037511	1.13E-02	3.23E-05	4.92E-02	6.05E-02
311	488517.32	3858109.41	0.75038	0.36052	0.84241	1.12E-02	2.55E-05	2.19E-02	0.033111	1.14E-02	2.51E-05	2.44E-02	0.035815	1.08E-02	3.18E-05	4.68E-02	5.77E-02
312	488567.32	3858109.41	0.72101	0.35503	0.80549	1.07E-02	2.51E-05	2.10E-02	0.031713	1.10E-02	2.47E-05	2.33E-02	0.034299	1.04E-02	3.13E-05	4.48E-02	5.52E-02
313	488617.32	3858109.41	0.69367	0.34949	0.77092	1.03E-02	2.47E-05	2.01E-02	0.030406	1.05E-02	2.43E-05	2.23E-02	0.032883	1.00E-02	3.08E-05	4.28E-02	5.29E-02
314	488667.32	3858109.41	0.66725	0.34498	0.74188	9.93E-03	2.44E-05	1.93E-02	0.029257	1.01E-02	2.40E-05	2.15E-02	0.03164	9.64E-03	3.04E-05	4.12E-02	5.09E-02
315	488769.93	3858449.27	0.57324	0.21241	0.51976	8.53E-03	1.50E-05	1.35E-02	0.02207	8.72E-03	1.48E-05	1.50E-02	0.023773	8.28E-03	1.87E-05	2.89E-02	3.72E-02
316	488819.93	3858449.27	0.55165	0.2122	0.50186	8.21E-03	1.50E-05	1.31E-02	0.021283	8.39E-03	1.47E-05	1.45E-02	0.022927	7.97E-03	1.87E-05	2.79E-02	3.59E-02
317	488819.93	3858499.27	0.55112	0.19838	0.45954	8.20E-03	1.40E-05	1.20E-02	0.020173	8.38E-03	1.38E-05	1.33E-02	0.021693	7.96E-03	1.75E-05	2.55E-02	3.35E-02
318	488869.93	3858499.27	0.53024	0.19851	0.44696	7.89E-03	1.40E-05	1.16E-02	0.019535	8.06E-03	1.38E-05	1.29E-02	0.021012	7.66E-03	1.75E-05	2.48E-02	3.25E-02
319	488869.93	3858549.27	0.53407	0.18582	0.40841	7.95E-03	1.31E-05	1.06E-02	0.018588	8.12E-03	1.29E-05	1.18E-02	0.019954	7.72E-03	1.64E-05	2.27E-02	3.04E-02
320	489438.17	3859571.48	0.1113	0.0751	0.10215	1.66E-03	5.30E-06	2.66E-03	0.00432	1.69E-03	5.22E-06	2.96E-03	0.004654	1.61E-03	6.63E-06	5.68E-03	7.29E-03
321	489488.17	3859571.48	0.11062	0.07463	0.10167	1.65E-03	5.27E-06	2.65E-03	0.004297	1.68E-03	5.19E-06	2.94E-03	0.00463	1.60E-03	6.58E-06	5.65E-03	7.25E-03
322	489538.17	3859571.48	0.11001	0.07416	0.10124	1.64E-03	5.24E-06	2.63E-03	0.004277	1.67E-03	5.15E-06	2.93E-03	0.004608	1.59E-03	6.54E-06	5.63E-03	7.22E-03
323	489588.17	3859571.48	0.10945	0.07368	0.1008	1.63E-03	5.20E-06	2.62E-03	0.004257	1.66E-03	5.12E-06	2.92E-03	0.004587	1.58E-03	6.50E-06	5.60E-03	7.19E-03
324	489438.17	3859621.48	0.10707	0.07334	0.09882	1.59E-03	5.18E-06	2.57E-03	0.00417	1.63E-03	5.10E-06	2.86E-03	0.004493	1.55E-03	6.47E-06	5.49E-03	7.04E-03
325	489488.17	3859621.48	0.10637	0.07286	0.09827	1.58E-03	5.14E-06	2.56E-03	0.004145	1.62E-03	5.06E-06	2.84E-03	0.004466	1.54E-03	6.43E-06	5.46E-03	7.00E-03

326	489538.17	3859621.48	0.10572	0.0724	0.09779	1.57E-03	5.11E-06	2.54E-03	0.004123	1.61E-03	5.03E-06	2.83E-03	0.004443	1.53E-03	6.39E-06	5.43E-03	6.97E-03
327	489588.17	3859621.48	0.10516	0.07201	0.09745	1.57E-03	5.08E-06	2.54E-03	0.004106	1.60E-03	5.00E-06	2.82E-03	0.004424	1.52E-03	6.35E-06	5.41E-03	6.94E-03
328	489238.17	3859671.48	0.10536	0.07286	0.09737	1.57E-03	5.14E-06	2.53E-03	0.004107	1.60E-03	5.06E-06	2.82E-03	0.004425	1.52E-03	6.43E-06	5.41E-03	6.94E-03
329	489288.17	3859671.48	0.10489	0.07261	0.09701	1.56E-03	5.13E-06	2.52E-03	0.00409	1.60E-03	5.05E-06	2.81E-03	0.004408	1.52E-03	6.41E-06	5.39E-03	6.91E-03
330	489338.17	3859671.48	0.1044	0.07235	0.09666	1.55E-03	5.11E-06	2.51E-03	0.004074	1.59E-03	5.03E-06	2.80E-03	0.00439	1.51E-03	6.38E-06	5.37E-03	6.89E-03
331	489388.17	3859671.48	0.1039	0.0721	0.09635	1.55E-03	5.09E-06	2.51E-03	0.004058	1.58E-03	5.01E-06	2.79E-03	0.004373	1.50E-03	6.36E-06	5.35E-03	6.86E-03
332	489438.17	3859671.48	0.10324	0.07167	0.0958	1.54E-03	5.06E-06	2.49E-03	0.004034	1.57E-03	4.98E-06	2.77E-03	0.004347	1.49E-03	6.32E-06	5.32E-03	6.82E-03
333	489488.17	3859671.48	0.10265	0.07132	0.09541	1.53E-03	5.04E-06	2.48E-03	0.004015	1.56E-03	4.96E-06	2.76E-03	0.004327	1.48E-03	6.29E-06	5.30E-03	6.79E-03
334	489538.17	3859671.48	0.10201	0.0709	0.09494	1.52E-03	5.01E-06	2.47E-03	0.003993	1.55E-03	4.93E-06	2.75E-03	0.004304	1.47E-03	6.26E-06	5.28E-03	6.76E-03
335	489588.17	3859671.48	0.1014	0.07049	0.09452	1.51E-03	4.98E-06	2.46E-03	0.003973	1.54E-03	4.90E-06	2.74E-03	0.004282	1.47E-03	6.22E-06	5.25E-03	6.72E-03
336	489238.17	3859721.48	0.10153	0.07095	0.09428	1.51E-03	5.01E-06	2.45E-03	0.003969	1.54E-03	4.93E-06	2.73E-03	0.004277	1.47E-03	6.26E-06	5.24E-03	6.71E-03
337	489288.17	3859721.48	0.10127	0.0709	0.09418	1.51E-03	5.01E-06	2.45E-03	0.003963	1.54E-03	4.93E-06	2.73E-03	0.00427	1.46E-03	6.26E-06	5.23E-03	6.70E-03
338	489338.17	3859721.48	0.10085	0.0707	0.09389	1.50E-03	4.99E-06	2.44E-03	0.003949	1.53E-03	4.91E-06	2.72E-03	0.004256	1.46E-03	6.24E-06	5.22E-03	6.68E-03
339	489388.17	3859721.48	0.10034	0.07043	0.09351	1.49E-03	4.97E-06	2.43E-03	0.003931	1.53E-03	4.90E-06	2.71E-03	0.004237	1.45E-03	6.21E-06	5.20E-03	6.65E-03
340	489438.17	3859721.48	0.09976	0.07008	0.09303	1.48E-03	4.95E-06	2.42E-03	0.00391	1.52E-03	4.87E-06	2.69E-03	0.004214	1.44E-03	6.18E-06	5.17E-03	6.62E-03
341	489488.17	3859721.48	0.09923	0.06981	0.09272	1.48E-03	4.93E-06	2.41E-03	0.003894	1.51E-03	4.85E-06	2.68E-03	0.004197	1.43E-03	6.16E-06	5.15E-03	6.59E-03
342	489538.17	3859721.48	0.09864	0.06944	0.09229	1.47E-03	4.90E-06	2.40E-03	0.003874	1.50E-03	4.83E-06	2.67E-03	0.004176	1.43E-03	6.13E-06	5.13E-03	6.56E-03
343	489588.17	3859721.48	0.09803	0.06905	0.09185	1.46E-03	4.88E-06	2.39E-03	0.003854	1.49E-03	4.80E-06	2.66E-03	0.004154	1.42E-03	6.09E-06	5.10E-03	6.53E-03
344	489238.17	3859771.48	0.09796	0.06909	0.09134	1.46E-03	4.88E-06	2.38E-03	0.003839	1.49E-03	4.80E-06	2.64E-03	0.004138	1.42E-03	6.10E-06	5.08E-03	6.50E-03
345	489288.17	3859771.48	0.09778	0.06911	0.09133	1.46E-03	4.88E-06	2.38E-03	0.003836	1.49E-03	4.80E-06	2.64E-03	0.004135	1.41E-03	6.10E-06	5.07E-03	6.49E-03
346	489338.17	3859771.48	0.0974	0.06895	0.09104	1.45E-03	4.87E-06	2.37E-03	0.003823	1.48E-03	4.79E-06	2.63E-03	0.004121	1.41E-03	6.08E-06	5.06E-03	6.47E-03
347	489388.17	3859771.48	0.09701	0.06878	0.09078	1.44E-03	4.86E-06	2.36E-03	0.003811	1.48E-03	4.78E-06	2.63E-03	0.004107	1.40E-03	6.07E-06	5.04E-03	6.45E-03
348	489438.17	3859771.48	0.09649	0.06849	0.09036	1.44E-03	4.84E-06	2.35E-03	0.003792	1.47E-03	4.76E-06	2.61E-03	0.004087	1.39E-03	6.04E-06	5.02E-03	6.42E-03
349	489488.17	3859771.48	0.09607	0.06833	0.09018	1.43E-03	4.82E-06	2.35E-03	0.003781	1.46E-03	4.75E-06	2.61E-03	0.004075	1.39E-03	6.03E-06	5.01E-03	6.41E-03
350	489538.17	3859771.48	0.09556	0.06806	0.08987	1.42E-03	4.81E-06	2.34E-03	0.003765	1.45E-03	4.73E-06	2.60E-03	0.004059	1.38E-03	6.01E-06	4.99E-03	6.38E-03
351	489588.17	3859771.48	0.09495	0.06766	0.08937	1.41E-03	4.78E-06	2.33E-03	0.003743	1.44E-03	4.70E-06	2.59E-03	0.004035	1.37E-03	5.97E-06	4.97E-03	6.34E-03
352	489238.17	3859821.48	0.09456	0.06722	0.08845	1.41E-03	4.75E-06	2.30E-03	0.003713	1.44E-03	4.67E-06	2.56E-03	0.004002	1.37E-03	5.93E-06	4.91E-03	6.29E-03
353	489288.17	3859821.48	0.09446	0.06732	0.08853	1.41E-03	4.75E-06	2.30E-03	0.003714	1.44E-03	4.68E-06	2.56E-03	0.004003	1.36E-03	5.94E-06	4.92E-03	6.29E-03
354	489338.17	3859821.48	0.09419	0.06725	0.08836	1.40E-03	4.75E-06	2.30E-03	0.003706	1.43E-03	4.67E-06	2.56E-03	0.003994	1.36E-03	5.93E-06	4.91E-03	6.28E-03
355	489388.17	3859821.48	0.09387	0.06715	0.08817	1.40E-03	4.74E-06	2.29E-03	0.003696	1.43E-03	4.67E-06	2.55E-03	0.003984	1.36E-03	5.92E-06	4.90E-03	6.26E-03
356	489438.17	3859821.48	0.09355	0.06707	0.08804	1.39E-03	4.74E-06	2.29E-03	0.003688	1.42E-03	4.66E-06	2.55E-03	0.003975	1.35E-03	5.92E-06	4.89E-03	6.25E-03
357	489488.17	3859821.48	0.09314	0.06691	0.08783	1.39E-03	4.72E-06	2.28E-03	0.003676	1.42E-03	4.65E-06	2.54E-03	0.003963	1.35E-03	5.90E-06	4.88E-03	6.23E-03
358	489538.17	3859821.48	0.09269	0.06669	0.08756	1.38E-03	4.71E-06	2.28E-03	0.003662	1.41E-03	4.64E-06	2.53E-03	0.003948	1.34E-03	5.88E-06	4.87E-03	6.21E-03
359	489588.17	3859821.48	0.09212	0.06635	0.08711	1.37E-03	4.68E-06	2.27E-03	0.003642	1.40E-03	4.61E-06	2.52E-03	0.003926	1.33E-03	5.85E-06	4.84E-03	6.18E-03
360	489238.17	3859871.48	0.09138	0.06543	0.08574	1.36E-03	4.62E-06	2.23E-03	0.003595	1.39E-03	4.55E-06	2.48E-03	0.003875	1.32E-03	5.77E-06	4.76E-03	6.09E-03
361	489288.17	3859871.48	0.09127	0.06551	0.08578	1.36E-03	4.63E-06	2.23E-03	0.003595	1.39E-03	4.55E-06	2.48E-03	0.003875	1.32E-03	5.78E-06	4.77E-03	6.09E-03
362	489338.17	3859871.48	0.09112	0.06555	0.08575	1.36E-03	4.63E-06	2.23E-03	0.003592	1.39E-03	4.56E-06	2.48E-03	0.003872	1.32E-03	5.78E-06	4.76E-03	6.09E-03
363	489388.17	3859871.48	0.09095	0.06559	0.08575	1.35E-03	4.63E-06	2.23E-03	0.003589	1.38E-03	4.56E-06	2.48E-03	0.003869	1.31E-03	5.79E-06	4.76E-03	6.08E-03
364	489438.17	3859871.48	0.09076	0.06565	0.08581	1.35E-03	4.64E-06	2.23E-03	0.003588	1.38E-03	4.56E-06	2.48E-03	0.003868	1.31E-03	5.79E-06	4.77E-03	6.09E-03
365	489488.17	3859871.48	0.09053	0.06566	0.08583	1.35E-03	4.64E-06	2.23E-03	0.003585	1.38E-03	4.56E-06	2.48E-03	0.003865	1.31E-03	5.79E-06	4.77E-03	6.08E-03
366	489538.17	3859871.48	0.09004	0.06538	0.08542	1.34E-03	4.62E-06	2.22E-03	0.003567	1.37E-03	4.54E-06	2.47E-03	0.003846	1.30E-03	5.77E-06	4.75E-03	6.05E-03
367	489588.17	3859871.48	0.08954	0.06511	0.08506	1.33E-03	4.60E-06	2.21E-03	0.00355	1.36E-03	4.53E-06	2.46E-03	0.003828	1.29E-03	5.74E-06	4.73E-03	6.03E-03
368	489238.17	3859921.48	0.08842	0.06373	0.08321	1.32E-03	4.50E-06	2.16E-03	0.003485	1.34E-03	4.43E-06	2.41E-03	0.003757	1.28E-03	5.62E-06	4.62E-03	5.91E-03
369	489288.17	3859921.48	0.08843	0.06393	0.08342	1.32E-03	4.51E-06	2.17E-03	0.003491	1.34E-03	4.44E-06	2.41E-03	0.003763	1.28E-03	5.64E-06	4.64E-03	5.92E-03
370	489338.17	3859921.48	0.08833	0.06401	0.08346	1.31E-03	4.52E-06	2.17E-03	0.003491	1.34E-03	4.45E-06	2.42E-03	0.003763	1.28E-03	5.65E-06	4.64E-03	5.92E-03
371	489388.17	3859921.48	0.08825	0.06415	0.08358	1.31E-03	4.53E-06	2.17E-03	0.003493	1.34E-03	4.46E-06	2.42E-03	0.003765	1.28E-03	5.66E-06	4.64E-03	5.93E-03
372	489438.17	3859921.48	0.08818	0.06431	0.08377	1.31E-03	4.54E-06	2.18E-03	0.003496	1.34E-03	4.47E-06	2.42E-03	0.00377	1.27E-03	5.67E-06	4.65E-03	5.93E-03

373	489488.17	3859921.48	0.08791	0.06425	0.08365	1.31E-03	4.54E-06	2.18E-03	0.003489	1.34E-03	4.47E-06	2.42E-03	0.003762	1.27E-03	5.67E-06	4.65E-03	5.92E-03
374	489538.17	3859921.48	0.08754	0.06408	0.08337	1.30E-03	4.52E-06	2.17E-03	0.003476	1.33E-03	4.45E-06	2.41E-03	0.003748	1.26E-03	5.65E-06	4.63E-03	5.90E-03
375	489588.17	3859921.48	0.08716	0.06393	0.08316	1.30E-03	4.51E-06	2.16E-03	0.003465	1.33E-03	4.44E-06	2.41E-03	0.003736	1.26E-03	5.64E-06	4.62E-03	5.89E-03
376	489238.17	3859971.48	0.08563	0.06212	0.08081	1.27E-03	4.39E-06	2.10E-03	0.003381	1.30E-03	4.32E-06	2.34E-03	0.003645	1.24E-03	5.48E-06	4.49E-03	5.73E-03
377	489288.17	3859971.48	0.08562	0.06228	0.08097	1.27E-03	4.40E-06	2.11E-03	0.003385	1.30E-03	4.33E-06	2.34E-03	0.00365	1.24E-03	5.50E-06	4.50E-03	5.74E-03
378	489338.17	3859971.48	0.08563	0.06246	0.08117	1.27E-03	4.41E-06	2.11E-03	0.003391	1.30E-03	4.34E-06	2.35E-03	0.003656	1.24E-03	5.51E-06	4.51E-03	5.75E-03
379	489388.17	3859971.48	0.08565	0.0627	0.08145	1.27E-03	4.43E-06	2.12E-03	0.003398	1.30E-03	4.36E-06	2.36E-03	0.003664	1.24E-03	5.53E-06	4.53E-03	5.77E-03
380	489438.17	3859971.48	0.08561	0.06294	0.08174	1.27E-03	4.44E-06	2.13E-03	0.003405	1.30E-03	4.37E-06	2.37E-03	0.003672	1.24E-03	5.55E-06	4.54E-03	5.78E-03
381	489488.17	3859971.48	0.08533	0.06313	0.08198	1.27E-03	4.46E-06	2.13E-03	0.003407	1.30E-03	4.39E-06	2.37E-03	0.003674	1.23E-03	5.57E-06	4.56E-03	5.79E-03
382	489538.17	3859971.48	0.08499	0.06312	0.08191	1.27E-03	4.46E-06	2.13E-03	0.0034	1.29E-03	4.39E-06	2.37E-03	0.003667	1.23E-03	5.57E-06	4.55E-03	5.79E-03
383	489588.17	3859971.48	0.08457	0.063	0.08171	1.26E-03	4.45E-06	2.13E-03	0.003389	1.29E-03	4.38E-06	2.36E-03	0.003655	1.22E-03	5.56E-06	4.54E-03	5.77E-03
384	483577.7	3854071	0.25624	0.19228	0.39344	3.81E-03	1.36E-05	1.02E-02	0.014063	3.90E-03	1.34E-05	1.14E-02	0.015296	3.70E-03	1.70E-05	2.19E-02	2.56E-02
385	483627.7	3854071	0.24692	0.18642	0.37221	3.68E-03	1.32E-05	9.68E-03	0.013372	3.76E-03	1.30E-05	1.08E-02	0.014539	3.57E-03	1.64E-05	2.07E-02	2.43E-02
386	483677.7	3854071	0.237	0.17949	0.35111	3.53E-03	1.27E-05	9.13E-03	0.012675	3.60E-03	1.25E-05	1.02E-02	0.013777	3.42E-03	1.58E-05	1.95E-02	2.30E-02
387	483727.7	3854071	0.22767	0.1726	0.33167	3.39E-03	1.22E-05	8.63E-03	0.01203	3.46E-03	1.20E-05	9.60E-03	0.013072	3.29E-03	1.52E-05	1.84E-02	2.17E-02
388	483777.7	3854071	0.21535	0.16218	0.30849	3.21E-03	1.15E-05	8.03E-03	0.011243	3.28E-03	1.13E-05	8.93E-03	0.012213	3.11E-03	1.43E-05	1.71E-02	2.03E-02
389	483577.7	3854121	0.27358	0.21084	0.44097	4.07E-03	1.49E-05	1.15E-02	0.015559	4.16E-03	1.47E-05	1.28E-02	0.016936	3.95E-03	1.86E-05	2.45E-02	2.85E-02
390	483627.7	3854121	0.26148	0.20109	0.41099	3.89E-03	1.42E-05	1.07E-02	0.014599	3.98E-03	1.40E-05	1.19E-02	0.015884	3.78E-03	1.77E-05	2.28E-02	2.66E-02
391	483677.7	3854121	0.24793	0.18915	0.37987	3.69E-03	1.34E-05	9.88E-03	0.013586	3.77E-03	1.31E-05	1.10E-02	0.014776	3.58E-03	1.67E-05	2.11E-02	2.47E-02
392	483727.7	3854121	0.23372	0.17714	0.35051	3.48E-03	1.25E-05	9.12E-03	0.01261	3.55E-03	1.23E-05	1.01E-02	0.01371	3.38E-03	1.56E-05	1.95E-02	2.29E-02
393	483777.7	3854121	0.22364	0.16968	0.32956	3.33E-03	1.20E-05	8.57E-03	0.011915	3.40E-03	1.18E-05	9.54E-03	0.01295	3.23E-03	1.50E-05	1.83E-02	2.16E-02
394	483577.7	3854171	0.28862	0.22422	0.47722	4.30E-03	1.58E-05	1.24E-02	0.016727	4.39E-03	1.56E-05	1.38E-02	0.018215	4.17E-03	1.98E-05	2.65E-02	3.07E-02
395	483627.7	3854171	0.27183	0.20831	0.4352	4.05E-03	1.47E-05	1.13E-02	0.015383	4.13E-03	1.45E-05	1.26E-02	0.016742	3.93E-03	1.84E-05	2.42E-02	2.81E-02
396	483677.7	3854171	0.25798	0.19673	0.40284	3.84E-03	1.39E-05	1.05E-02	0.014334	3.92E-03	1.37E-05	1.17E-02	0.015594	3.73E-03	1.74E-05	2.24E-02	2.61E-02
397	483727.7	3854171	0.24632	0.18814	0.37648	3.67E-03	1.33E-05	9.79E-03	0.013474	3.75E-03	1.31E-05	1.09E-02	0.014654	3.56E-03	1.66E-05	2.09E-02	2.45E-02
398	483777.7	3854171	0.23374	0.17911	0.35086	3.48E-03	1.26E-05	9.13E-03	0.01262	3.55E-03	1.24E-05	1.02E-02	0.01372	3.38E-03	1.58E-05	1.95E-02	2.29E-02
399	483827.7	3854171	0.2177	0.16623	0.32104	3.24E-03	1.17E-05	8.35E-03	0.011604	3.31E-03	1.16E-05	9.29E-03	0.012613	3.15E-03	1.47E-05	1.78E-02	2.10E-02
400	483877.7	3854171	0.20853	0.16015	0.30271	3.10E-03	1.13E-05	7.88E-03	0.010991	3.17E-03	1.11E-05	8.76E-03	0.011942	3.01E-03	1.41E-05	1.68E-02	1.98E-02
401	483727.7	3854221	0.26314	0.20329	0.405	3.92E-03	1.44E-05	1.05E-02	0.014468	4.00E-03	1.41E-05	1.17E-02	0.015736	3.80E-03	1.79E-05	2.25E-02	2.63E-02
402	483777.7	3854221	0.24864	0.19302	0.37508	3.70E-03	1.36E-05	9.76E-03	0.013473	3.78E-03	1.34E-05	1.09E-02	0.014649	3.59E-03	1.70E-05	2.08E-02	2.45E-02
403	483827.7	3854221	0.24209	0.19077	0.35891	3.60E-03	1.35E-05	9.34E-03	0.012954	3.68E-03	1.33E-05	1.04E-02	0.014081	3.50E-03	1.68E-05	1.99E-02	2.35E-02
404	483877.7	3854221	0.22775	0.18074	0.33184	3.39E-03	1.28E-05	8.63E-03	0.012036	3.46E-03	1.26E-05	9.60E-03	0.013079	3.29E-03	1.59E-05	1.84E-02	2.17E-02
405	489150.19	3858726.45	0.44564	0.15171	0.27972	6.63E-03	1.07E-05	7.28E-03	0.013921	6.78E-03	1.05E-05	8.09E-03	0.014883	6.44E-03	1.34E-05	1.55E-02	2.20E-02
406	489200.19	3858726.45	0.42427	0.15208	0.27694	6.32E-03	1.07E-05	7.20E-03	0.013531	6.45E-03	1.06E-05	8.01E-03	0.014477	6.13E-03	1.34E-05	1.54E-02	2.15E-02
407	489150.19	3858776.45	0.44744	0.14285	0.25874	6.66E-03	1.01E-05	6.73E-03	0.013401	6.80E-03	9.93E-06	7.49E-03	0.014302	6.47E-03	1.26E-05	1.44E-02	2.09E-02
408	489200.19	3858776.45	0.42072	0.1436	0.25731	6.26E-03	1.01E-05	6.69E-03	0.012967	6.40E-03	9.98E-06	7.45E-03	0.013854	6.08E-03	1.27E-05	1.43E-02	2.04E-02
409	488919.6	3856400.76	0.37588	0.27169	0.39559	5.59E-03	1.92E-05	1.03E-02	0.015906	5.72E-03	1.89E-05	1.14E-02	0.017183	5.43E-03	2.40E-05	2.20E-02	2.74E-02
410	488919.6	3856450.76	0.38365	0.28139	0.40436	5.71E-03	1.99E-05	1.05E-02	0.01625	5.83E-03	1.96E-05	1.17E-02	0.017555	5.54E-03	2.48E-05	2.25E-02	2.80E-02
411	488969.6	3856450.76	0.37827	0.28098	0.39884	5.63E-03	1.98E-05	1.04E-02	0.016026	5.75E-03	1.95E-05	1.15E-02	0.017314	5.47E-03	2.48E-05	2.22E-02	2.77E-02
412	488919.6	3856500.76	0.39145	0.29279	0.41321	5.83E-03	2.07E-05	1.08E-02	0.016597	5.95E-03	2.03E-05	1.20E-02	0.017931	5.66E-03	2.58E-05	2.30E-02	2.86E-02
413	488969.6	3856500.76	0.38613	0.29244	0.40778	5.75E-03	2.06E-05	1.06E-02	0.016377	5.87E-03	2.03E-05	1.18E-02	0.017693	5.58E-03	2.58E-05	2.27E-02	2.83E-02
414	488919.6	3856550.76	0.39952	0.30632	0.42245	5.95E-03	2.16E-05	1.10E-02	0.016959	6.08E-03	2.13E-05	1.22E-02	0.018322	5.77E-03	2.70E-05	2.35E-02	2.93E-02
415	488969.6	3856550.76	0.39375	0.30543	0.4165	5.86E-03	2.16E-05	1.08E-02	0.016718	5.99E-03	2.12E-05	1.21E-02	0.018062	5.69E-03	2.69E-05	2.31E-02	2.89E-02
416	488819.6	3856600.76	0.41935	0.32314	0.44383	6.24E-03	2.28E-05	1.15E-02	0.017811	6.38E-03	2.25E-05	1.28E-02	0.019244	6.06E-03	2.85E-05	2.47E-02	3.08E-02
417	488869.6	3856600.76	0.41313	0.32222	0.43739	6.15E-03	2.28E-05	1.14E-02	0.017551	6.28E-03	2.24E-05	1.27E-02	0.018962	5.97E-03	2.84E-05	2.43E-02	3.03E-02
418	488919.6	3856600.76	0.40724	0.32136	0.43135	6.06E-03	2.27E-05	1.12E-02	0.017306	6.19E-03	2.23E-05	1.25E-02	0.018698	5.88E-03	2.84E-05	2.40E-02	2.99E-02
419	488819.6	3856650.76	0.42769	0.3413	0.45349	6.37E-03	2.41E-05	1.18E-02	0.018188	6.50E-03	2.37E-05	1.31E-02	0.019651	6.18E-03	3.01E-05	2.52E-02	3.14E-02

420	488869.6	3856650.76	0.42118	0.3398	0.44675	6.27E-03	2.40E-05	1.16E-02	0.017916	6.41E-03	2.36E-05	1.29E-02	0.019357	6.09E-03	3.00E-05	2.48E-02	3.09E-02
421	488819.6	3856700.76	0.43599	0.36163	0.4633	6.49E-03	2.55E-05	1.21E-02	0.018568	6.63E-03	2.51E-05	1.34E-02	0.020063	6.30E-03	3.19E-05	2.57E-02	3.21E-02
422	488869.6	3856700.76	0.42913	0.35927	0.45616	6.39E-03	2.54E-05	1.19E-02	0.01828	6.53E-03	2.50E-05	1.32E-02	0.019752	6.20E-03	3.17E-05	2.53E-02	3.16E-02
423	488819.6	3856750.76	0.44407	0.38364	0.47293	6.61E-03	2.71E-05	1.23E-02	0.018941	6.75E-03	2.67E-05	1.37E-02	0.020466	6.42E-03	3.38E-05	2.63E-02	3.27E-02
424	488869.6	3856750.76	0.43719	0.3806	0.46575	6.51E-03	2.69E-05	1.21E-02	0.018651	6.65E-03	2.65E-05	1.35E-02	0.020153	6.32E-03	3.36E-05	2.59E-02	3.22E-02
425	488819.6	3857050.76	0.49276	0.54253	0.53471	7.33E-03	3.83E-05	1.39E-02	0.021284	7.49E-03	3.77E-05	1.55E-02	0.023005	7.12E-03	4.79E-05	2.97E-02	3.69E-02
426	488869.6	3857050.76	0.48404	0.53071	0.52518	7.20E-03	3.75E-05	1.37E-02	0.020905	7.36E-03	3.69E-05	1.52E-02	0.022596	6.99E-03	4.68E-05	2.92E-02	3.62E-02
427	488919.6	3857050.76	0.47547	0.5182	0.5159	7.08E-03	3.66E-05	1.34E-02	0.020535	7.23E-03	3.60E-05	1.49E-02	0.022196	6.87E-03	4.57E-05	2.87E-02	3.56E-02
428	488819.6	3857100.76	0.50064	0.56822	0.54456	7.45E-03	4.01E-05	1.42E-02	0.021659	7.61E-03	3.95E-05	1.58E-02	0.023412	7.23E-03	5.01E-05	3.03E-02	3.75E-02
429	488869.6	3857100.76	0.49143	0.55331	0.53455	7.31E-03	3.91E-05	1.39E-02	0.021261	7.47E-03	3.85E-05	1.55E-02	0.022981	7.10E-03	4.88E-05	2.97E-02	3.69E-02
430	488919.6	3857100.76	0.48261	0.53904	0.5249	7.18E-03	3.81E-05	1.37E-02	0.020877	7.34E-03	3.75E-05	1.52E-02	0.022567	6.97E-03	4.76E-05	2.92E-02	3.62E-02
431	488819.6	3857150.76	0.50833	0.59041	0.55445	7.57E-03	4.17E-05	1.44E-02	0.022033	7.73E-03	4.10E-05	1.60E-02	0.023816	7.35E-03	5.21E-05	3.08E-02	3.82E-02
432	488869.6	3857150.76	0.49881	0.57362	0.544	7.42E-03	4.05E-05	1.42E-02	0.021618	7.59E-03	3.99E-05	1.57E-02	0.023368	7.21E-03	5.06E-05	3.02E-02	3.75E-02
433	488919.6	3857150.76	0.48954	0.55757	0.53386	7.29E-03	3.94E-05	1.39E-02	0.021215	7.45E-03	3.88E-05	1.54E-02	0.022933	7.07E-03	4.92E-05	2.97E-02	3.68E-02
434	488969.6	3857150.76	0.48058	0.54225	0.52404	7.15E-03	3.83E-05	1.36E-02	0.020825	7.31E-03	3.77E-05	1.52E-02	0.022511	6.94E-03	4.78E-05	2.91E-02	3.61E-02
435	488819.6	3857200.76	0.51586	0.60924	0.56433	7.68E-03	4.30E-05	1.47E-02	0.022403	7.85E-03	4.23E-05	1.63E-02	0.024218	7.45E-03	5.38E-05	3.14E-02	3.89E-02
436	488869.6	3857200.76	0.50599	0.59069	0.55341	7.53E-03	4.17E-05	1.44E-02	0.021971	7.70E-03	4.11E-05	1.60E-02	0.023751	7.31E-03	5.21E-05	3.08E-02	3.81E-02
437	488919.6	3857200.76	0.49636	0.57305	0.54282	7.39E-03	4.05E-05	1.41E-02	0.021551	7.55E-03	3.98E-05	1.57E-02	0.023297	7.17E-03	5.06E-05	3.02E-02	3.74E-02
438	488969.6	3857200.76	0.48699	0.55629	0.53253	7.25E-03	3.93E-05	1.39E-02	0.021142	7.41E-03	3.87E-05	1.54E-02	0.022855	7.04E-03	4.91E-05	2.96E-02	3.67E-02
439	488819.6	3857250.76	0.52326	0.62369	0.57417	7.79E-03	4.40E-05	1.49E-02	0.02277	7.96E-03	4.33E-05	1.66E-02	0.024616	7.56E-03	5.50E-05	3.19E-02	3.95E-02
440	488869.6	3857250.76	0.51293	0.60356	0.56271	7.63E-03	4.26E-05	1.46E-02	0.022317	7.80E-03	4.19E-05	1.63E-02	0.024126	7.41E-03	5.33E-05	3.13E-02	3.87E-02
441	488919.6	3857250.76	0.50296	0.58453	0.55164	7.49E-03	4.13E-05	1.44E-02	0.021879	7.65E-03	4.06E-05	1.60E-02	0.023653	7.27E-03	5.16E-05	3.07E-02	3.80E-02
442	488969.6	3857250.76	0.49329	0.56654	0.54091	7.34E-03	4.00E-05	1.41E-02	0.021455	7.50E-03	3.94E-05	1.57E-02	0.023194	7.13E-03	5.00E-05	3.01E-02	3.72E-02
443	488819.6	3857300.76	0.53056	0.63272	0.58372	7.90E-03	4.47E-05	1.52E-02	0.023128	8.07E-03	4.40E-05	1.69E-02	0.025004	7.67E-03	5.58E-05	3.24E-02	4.02E-02
444	488869.6	3857300.76	0.51986	0.61146	0.57167	7.74E-03	4.32E-05	1.49E-02	0.022654	7.91E-03	4.25E-05	1.65E-02	0.024492	7.51E-03	5.40E-05	3.18E-02	3.93E-02
445	488919.6	3857300.76	0.50956	0.59136	0.56	7.58E-03	4.18E-05	1.46E-02	0.022195	7.75E-03	4.11E-05	1.62E-02	0.023996	7.36E-03	5.22E-05	3.11E-02	3.85E-02
446	488819.6	3857450.76	0.55135	0.62774	0.61034	8.21E-03	4.43E-05	1.59E-02	0.02413	8.39E-03	4.36E-05	1.77E-02	0.026091	7.97E-03	5.54E-05	3.39E-02	4.19E-02
447	488869.6	3857450.76	0.53933	0.60572	0.59668	8.03E-03	4.28E-05	1.55E-02	0.023594	8.20E-03	4.21E-05	1.73E-02	0.025511	7.79E-03	5.34E-05	3.32E-02	4.10E-02
448	488919.6	3857450.76	0.52786	0.58464	0.58318	7.86E-03	4.13E-05	1.52E-02	0.02307	8.03E-03	4.06E-05	1.69E-02	0.024944	7.63E-03	5.16E-05	3.24E-02	4.01E-02
449	488819.6	3857500.76	0.55781	0.6168	0.61885	8.30E-03	4.36E-05	1.61E-02	0.024446	8.48E-03	4.29E-05	1.79E-02	0.026434	8.06E-03	5.44E-05	3.44E-02	4.25E-02
450	488869.6	3857500.76	0.54546	0.59498	0.60426	8.12E-03	4.20E-05	1.57E-02	0.023881	8.30E-03	4.14E-05	1.75E-02	0.025823	7.88E-03	5.25E-05	3.36E-02	4.15E-02
451	488919.6	3857500.76	0.53357	0.57448	0.59025	7.94E-03	4.06E-05	1.54E-02	0.023339	8.11E-03	3.99E-05	1.71E-02	0.025235	7.71E-03	5.07E-05	3.28E-02	4.06E-02
452	488819.6	3857550.76	0.56415	0.60209	0.62678	8.40E-03	4.25E-05	1.63E-02	0.024746	8.58E-03	4.18E-05	1.81E-02	0.026759	8.15E-03	5.31E-05	3.48E-02	4.30E-02
453	488869.6	3857550.76	0.55133	0.58126	0.61169	8.21E-03	4.10E-05	1.59E-02	0.024161	8.39E-03	4.04E-05	1.77E-02	0.026126	7.97E-03	5.13E-05	3.40E-02	4.20E-02
454	488919.6	3857550.76	0.53906	0.56139	0.59693	8.02E-03	3.96E-05	1.55E-02	0.023593	8.20E-03	3.90E-05	1.73E-02	0.025511	7.79E-03	4.95E-05	3.32E-02	4.10E-02
455	489663.71	3860900.05	0.04997	0.03928	0.04781	7.44E-04	2.77E-06	1.24E-03	0.00199	7.60E-04	2.73E-06	1.38E-03	0.002146	7.22E-04	3.47E-06	2.66E-03	3.38E-03
456	489813.71	3860900.05	0.05026	0.03963	0.04828	7.48E-04	2.80E-06	1.26E-03	0.002007	7.64E-04	2.75E-06	1.40E-03	0.002164	7.26E-04	3.50E-06	2.68E-03	3.41E-03
457	489863.71	3860900.05	0.0503	0.0397	0.04837	7.49E-04	2.80E-06	1.26E-03	0.00201	7.65E-04	2.76E-06	1.40E-03	0.002167	7.27E-04	3.50E-06	2.69E-03	3.42E-03
458	489913.71	3860900.05	0.05046	0.03986	0.04859	7.51E-04	2.81E-06	1.26E-03	0.002018	7.67E-04	2.77E-06	1.41E-03	0.002176	7.29E-04	3.52E-06	2.70E-03	3.43E-03
459	489963.71	3860900.05	0.05049	0.03993	0.04869	7.52E-04	2.82E-06	1.27E-03	0.002021	7.68E-04	2.78E-06	1.41E-03	0.00218	7.30E-04	3.52E-06	2.71E-03	3.44E-03
460	490013.71	3860900.05	0.05065	0.0401	0.04891	7.54E-04	2.83E-06	1.27E-03	0.002029	7.70E-04	2.79E-06	1.42E-03	0.002188	7.32E-04	3.54E-06	2.72E-03	3.45E-03
461	490063.71	3860900.05	0.05073	0.04022	0.04906	7.55E-04	2.84E-06	1.28E-03	0.002034	7.72E-04	2.80E-06	1.42E-03	0.002194	7.33E-04	3.55E-06	2.73E-03	3.46E-03
462	489663.71	3860950.05	0.0488	0.03843	0.04668	7.26E-04	2.71E-06	1.21E-03	0.001944	7.42E-04	2.67E-06	1.35E-03	0.002096	7.05E-04	3.39E-06	2.59E-03	3.30E-03
463	489813.71	3860950.05	0.04906	0.03878	0.04711	7.30E-04	2.74E-06	1.23E-03	0.001959	7.46E-04	2.70E-06	1.36E-03	0.002112	7.09E-04	3.42E-06	2.62E-03	3.33E-03
464	489863.71	3860950.05	0.04908	0.03883	0.04719	7.31E-04	2.74E-06	1.23E-03	0.001961	7.46E-04	2.70E-06	1.37E-03	0.002115	7.09E-04	3.43E-06	2.62E-03	3.33E-03
465	489913.71	3860950.05	0.04921	0.03897	0.04738	7.32E-04	2.75E-06	1.23E-03	0.001968	7.48E-04	2.71E-06	1.37E-03	0.002122	7.11E-04	3.44E-06	2.63E-03	3.35E-03
466	489963.71	3860950.05	0.04928	0.03906	0.0475	7.34E-04	2.76E-06	1.24E-03	0.001972	7.49E-04	2.71E-06	1.37E-03	0.002127	7.12E-04	3.45E-06	2.64E-03	3.35E-03

467	490013.71	3860950.05	0.04938	0.03918	0.04767	7.35E-04	2.77E-06	1.24E-03	0.001978	7.51E-04	2.72E-06	1.38E-03	0.002133	7.14E-04	3.46E-06	2.65E-03	3.37E-03
468	490063.71	3860950.05	0.04949	0.03931	0.04784	7.37E-04	2.78E-06	1.24E-03	0.001984	7.53E-04	2.73E-06	1.38E-03	0.00214	7.15E-04	3.47E-06	2.66E-03	3.38E-03
469	489513.71	3861000.05	0.04757	0.03737	0.04528	7.08E-04	2.64E-06	1.18E-03	0.001889	7.23E-04	2.60E-06	1.31E-03	0.002036	6.87E-04	3.30E-06	2.52E-03	3.21E-03
470	489563.71	3861000.05	0.04758	0.03743	0.04536	7.08E-04	2.64E-06	1.18E-03	0.001891	7.24E-04	2.60E-06	1.31E-03	0.002039	6.88E-04	3.30E-06	2.52E-03	3.21E-03
471	489613.71	3861000.05	0.04765	0.03754	0.0455	7.09E-04	2.65E-06	1.18E-03	0.001896	7.25E-04	2.61E-06	1.32E-03	0.002044	6.89E-04	3.31E-06	2.53E-03	3.22E-03
472	489663.71	3861000.05	0.0477	0.03764	0.04561	7.10E-04	2.66E-06	1.19E-03	0.001899	7.25E-04	2.62E-06	1.32E-03	0.002048	6.89E-04	3.32E-06	2.53E-03	3.23E-03
473	489713.71	3861000.05	0.04772	0.03771	0.0457	7.10E-04	2.66E-06	1.19E-03	0.001902	7.26E-04	2.62E-06	1.32E-03	0.002051	6.90E-04	3.33E-06	2.54E-03	3.23E-03
474	489763.71	3861000.05	0.04779	0.03781	0.04582	7.11E-04	2.67E-06	1.19E-03	0.001906	7.27E-04	2.63E-06	1.33E-03	0.002055	6.91E-04	3.34E-06	2.55E-03	3.24E-03
475	489813.71	3861000.05	0.04793	0.03797	0.04602	7.13E-04	2.68E-06	1.20E-03	0.001913	7.29E-04	2.64E-06	1.33E-03	0.002063	6.93E-04	3.35E-06	2.56E-03	3.25E-03
476	489863.71	3861000.05	0.04795	0.03802	0.04608	7.14E-04	2.68E-06	1.20E-03	0.001915	7.29E-04	2.64E-06	1.33E-03	0.002065	6.93E-04	3.35E-06	2.56E-03	3.26E-03
477	489913.71	3861000.05	0.04807	0.03815	0.04626	7.16E-04	2.69E-06	1.20E-03	0.001922	7.31E-04	2.65E-06	1.34E-03	0.002072	6.95E-04	3.37E-06	2.57E-03	3.27E-03
478	489963.71	3861000.05	0.0481	0.03822	0.04635	7.16E-04	2.70E-06	1.21E-03	0.001924	7.32E-04	2.66E-06	1.34E-03	0.002075	6.95E-04	3.37E-06	2.58E-03	3.27E-03
479	490013.71	3861000.05	0.04821	0.03833	0.04651	7.18E-04	2.71E-06	1.21E-03	0.00193	7.33E-04	2.66E-06	1.35E-03	0.002082	6.97E-04	3.38E-06	2.58E-03	3.28E-03
480	490063.71	3861000.05	0.04829	0.03844	0.04666	7.19E-04	2.71E-06	1.21E-03	0.001935	7.34E-04	2.67E-06	1.35E-03	0.002087	6.98E-04	3.39E-06	2.59E-03	3.29E-03
481	489513.71	3861050.05	0.04657	0.03665	0.04432	6.93E-04	2.59E-06	1.15E-03	0.001849	7.08E-04	2.55E-06	1.28E-03	0.001993	6.73E-04	3.23E-06	2.46E-03	3.14E-03
482	489563.71	3861050.05	0.04657	0.0367	0.04439	6.93E-04	2.59E-06	1.15E-03	0.001851	7.08E-04	2.55E-06	1.28E-03	0.001995	6.73E-04	3.24E-06	2.47E-03	3.14E-03
483	489613.71	3861050.05	0.04667	0.03683	0.04456	6.95E-04	2.60E-06	1.16E-03	0.001857	7.10E-04	2.56E-06	1.29E-03	0.002002	6.74E-04	3.25E-06	2.48E-03	3.15E-03
484	489663.71	3861050.05	0.04664	0.03687	0.04459	6.94E-04	2.60E-06	1.16E-03	0.001857	7.09E-04	2.56E-06	1.29E-03	0.002002	6.74E-04	3.25E-06	2.48E-03	3.15E-03
485	489713.71	3861050.05	0.04665	0.03693	0.04465	6.94E-04	2.61E-06	1.16E-03	0.001859	7.09E-04	2.57E-06	1.29E-03	0.002004	6.74E-04	3.26E-06	2.48E-03	3.16E-03
486	489763.71	3861050.05	0.04671	0.03703	0.04477	6.95E-04	2.61E-06	1.16E-03	0.001863	7.10E-04	2.57E-06	1.30E-03	0.002008	6.75E-04	3.27E-06	2.49E-03	3.17E-03
487	489813.71	3861050.05	0.0468	0.03715	0.04492	6.97E-04	2.62E-06	1.17E-03	0.001868	7.12E-04	2.58E-06	1.30E-03	0.002014	6.76E-04	3.28E-06	2.50E-03	3.18E-03
488	489863.71	3861050.05	0.04685	0.03723	0.04502	6.97E-04	2.63E-06	1.17E-03	0.001871	7.13E-04	2.59E-06	1.30E-03	0.002018	6.77E-04	3.28E-06	2.50E-03	3.18E-03
489	489913.71	3861050.05	0.04693	0.03733	0.04514	6.99E-04	2.64E-06	1.17E-03	0.001876	7.14E-04	2.59E-06	1.31E-03	0.002023	6.78E-04	3.29E-06	2.51E-03	3.19E-03
490	489963.71	3861050.05	0.04699	0.03741	0.04526	6.99E-04	2.64E-06	1.18E-03	0.00188	7.15E-04	2.60E-06	1.31E-03	0.002027	6.79E-04	3.30E-06	2.51E-03	3.20E-03
491	490013.71	3861050.05	0.04712	0.03755	0.04544	7.01E-04	2.65E-06	1.18E-03	0.001886	7.17E-04	2.61E-06	1.31E-03	0.002034	6.81E-04	3.31E-06	2.52E-03	3.21E-03
492	490063.71	3861050.05	0.04719	0.03764	0.04557	7.02E-04	2.66E-06	1.19E-03	0.001891	7.18E-04	2.62E-06	1.32E-03	0.002039	6.82E-04	3.32E-06	2.53E-03	3.22E-03
493	489513.71	3861100.05	0.04568	0.03602	0.04347	6.80E-04	2.54E-06	1.13E-03	0.001813	6.95E-04	2.50E-06	1.26E-03	0.001955	6.60E-04	3.18E-06	2.42E-03	3.08E-03
494	489563.71	3861100.05	0.04559	0.03599	0.04343	6.79E-04	2.54E-06	1.13E-03	0.001811	6.93E-04	2.50E-06	1.26E-03	0.001953	6.59E-04	3.18E-06	2.41E-03	3.08E-03
495	489613.71	3861100.05	0.04549	0.03597	0.0434	6.77E-04	2.54E-06	1.13E-03	0.001809	6.92E-04	2.50E-06	1.26E-03	0.00195	6.57E-04	3.17E-06	2.41E-03	3.07E-03
496	489663.71	3861100.05	0.04553	0.03605	0.0435	6.78E-04	2.55E-06	1.13E-03	0.001812	6.92E-04	2.51E-06	1.26E-03	0.001954	6.58E-04	3.18E-06	2.42E-03	3.08E-03
497	489713.71	3861100.05	0.04558	0.03614	0.04361	6.78E-04	2.55E-06	1.13E-03	0.001816	6.93E-04	2.51E-06	1.26E-03	0.001958	6.59E-04	3.19E-06	2.42E-03	3.09E-03
498	489763.71	3861100.05	0.04563	0.03624	0.04372	6.79E-04	2.56E-06	1.14E-03	0.001819	6.94E-04	2.52E-06	1.27E-03	0.001962	6.59E-04	3.20E-06	2.43E-03	3.09E-03
499	489813.71	3861100.05	0.04571	0.03635	0.04385	6.80E-04	2.57E-06	1.14E-03	0.001824	6.95E-04	2.53E-06	1.27E-03	0.001967	6.61E-04	3.21E-06	2.44E-03	3.10E-03
500	489863.71	3861100.05	0.04584	0.03649	0.04403	6.82E-04	2.58E-06	1.15E-03	0.00183	6.97E-04	2.54E-06	1.27E-03	0.001974	6.62E-04	3.22E-06	2.45E-03	3.11E-03
501	489913.71	3861100.05	0.04585	0.03655	0.04409	6.82E-04	2.58E-06	1.15E-03	0.001832	6.97E-04	2.54E-06	1.28E-03	0.001976	6.63E-04	3.22E-06	2.45E-03	3.12E-03
502	489963.71	3861100.05	0.04593	0.03664	0.04421	6.84E-04	2.59E-06	1.15E-03	0.001836	6.99E-04	2.55E-06	1.28E-03	0.00198	6.64E-04	3.23E-06	2.46E-03	3.12E-03
503	490013.71	3861100.05	0.04597	0.03671	0.04431	6.84E-04	2.59E-06	1.15E-03	0.00184	6.99E-04	2.55E-06	1.28E-03	0.001984	6.64E-04	3.24E-06	2.46E-03	3.13E-03
504	490063.71	3861100.05	0.04605	0.03681	0.04444	6.85E-04	2.60E-06	1.16E-03	0.001844	7.00E-04	2.56E-06	1.29E-03	0.001989	6.65E-04	3.25E-06	2.47E-03	3.14E-03
505	489713.71	3861150.05	0.04457	0.0354	0.04263	6.63E-04	2.50E-06	1.11E-03	0.001775	6.78E-04	2.46E-06	1.23E-03	0.001914	6.44E-04	3.12E-06	2.37E-03	3.02E-03
506	489763.71	3861150.05	0.04463	0.0355	0.04274	6.64E-04	2.51E-06	1.11E-03	0.001779	6.79E-04	2.47E-06	1.24E-03	0.001918	6.45E-04	3.13E-06	2.37E-03	3.02E-03
507	489813.71	3861150.05	0.0447	0.03561	0.04287	6.65E-04	2.51E-06	1.12E-03	0.001783	6.80E-04	2.47E-06	1.24E-03	0.001923	6.46E-04	3.14E-06	2.38E-03	3.03E-03
508	489863.71	3861150.05	0.04476	0.0357	0.04298	6.66E-04	2.52E-06	1.12E-03	0.001787	6.81E-04	2.48E-06	1.24E-03	0.001927	6.47E-04	3.15E-06	2.39E-03	3.04E-03
509	489913.71	3861150.05	0.04481	0.03578	0.04307	6.67E-04	2.53E-06	1.12E-03	0.00179	6.82E-04	2.49E-06	1.25E-03	0.00193	6.48E-04	3.16E-06	2.39E-03	3.04E-03
510	489963.71	3861150.05	0.04485	0.03585	0.04315	6.68E-04	2.53E-06	1.12E-03	0.001793	6.82E-04	2.49E-06	1.25E-03	0.001933	6.48E-04	3.16E-06	2.40E-03	3.05E-03
511	490013.71	3861150.05	0.04489	0.03592	0.04325	6.68E-04	2.54E-06	1.13E-03	0.001796	6.83E-04	2.50E-06	1.25E-03	0.001937	6.49E-04	3.17E-06	2.40E-03	3.06E-03
512	490063.71	3861150.05	0.04499	0.03604	0.0434	6.70E-04	2.54E-06	1.13E-03	0.001801	6.84E-04	2.50E-06	1.26E-03	0.001943	6.50E-04	3.18E-06	2.41E-03	3.06E-03
513	489613.71	3861200.05	0.04351	0.03452	0.04147	6.48E-04	2.44E-06	1.08E-03	0.001729	6.62E-04	2.40E-06	1.20E-03	0.001864	6.29E-04	3.05E-06	2.30E-03	2.94E-03

514	489663.71	3861200.05	0.04355	0.03459	0.04158	6.48E-04	2.44E-06	1.08E-03	0.001732	6.62E-04	2.40E-06	1.20E-03	0.001868	6.29E-04	3.05E-06	2.31E-03	2.94E-03
515	489713.71	3861200.05	0.04361	0.03468	0.04169	6.49E-04	2.45E-06	1.08E-03	0.001736	6.63E-04	2.41E-06	1.21E-03	0.001872	6.30E-04	3.06E-06	2.32E-03	2.95E-03
516	489763.71	3861200.05	0.04366	0.03477	0.04179	6.50E-04	2.46E-06	1.09E-03	0.00174	6.64E-04	2.42E-06	1.21E-03	0.001876	6.31E-04	3.07E-06	2.32E-03	2.96E-03
517	489813.71	3861200.05	0.04372	0.03488	0.04191	6.51E-04	2.46E-06	1.09E-03	0.001744	6.65E-04	2.42E-06	1.21E-03	0.00188	6.32E-04	3.08E-06	2.33E-03	2.96E-03
518	489863.71	3861200.05	0.04381	0.035	0.04205	6.52E-04	2.47E-06	1.09E-03	0.001749	6.66E-04	2.43E-06	1.22E-03	0.001886	6.33E-04	3.09E-06	2.34E-03	2.97E-03
519	489913.71	3861200.05	0.04385	0.03507	0.04213	6.53E-04	2.48E-06	1.10E-03	0.001751	6.67E-04	2.44E-06	1.22E-03	0.001888	6.34E-04	3.09E-06	2.34E-03	2.98E-03
520	489963.71	3861200.05	0.04386	0.03513	0.04219	6.53E-04	2.48E-06	1.10E-03	0.001753	6.67E-04	2.44E-06	1.22E-03	0.00189	6.34E-04	3.10E-06	2.34E-03	2.98E-03
521	490013.71	3861200.05	0.04393	0.03522	0.0423	6.54E-04	2.49E-06	1.10E-03	0.001757	6.68E-04	2.45E-06	1.22E-03	0.001895	6.35E-04	3.11E-06	2.35E-03	2.99E-03
522	490063.71	3861200.05	0.04397	0.03529	0.04239	6.54E-04	2.49E-06	1.10E-03	0.00176	6.69E-04	2.45E-06	1.23E-03	0.001898	6.35E-04	3.11E-06	2.36E-03	2.99E-03
523	489513.71	3861250.05	0.04251	0.03374	0.04037	6.33E-04	2.38E-06	1.05E-03	0.001685	6.47E-04	2.35E-06	1.17E-03	0.001817	6.14E-04	2.98E-06	2.24E-03	2.86E-03
524	489563.71	3861250.05	0.04258	0.03382	0.04051	6.34E-04	2.39E-06	1.05E-03	0.00169	6.48E-04	2.35E-06	1.17E-03	0.001822	6.15E-04	2.98E-06	2.25E-03	2.87E-03
525	489613.71	3861250.05	0.04263	0.03388	0.04062	6.35E-04	2.39E-06	1.06E-03	0.001694	6.48E-04	2.35E-06	1.18E-03	0.001826	6.16E-04	2.99E-06	2.26E-03	2.88E-03
526	489663.71	3861250.05	0.04265	0.03393	0.0407	6.35E-04	2.40E-06	1.06E-03	0.001696	6.49E-04	2.36E-06	1.18E-03	0.001829	6.16E-04	2.99E-06	2.26E-03	2.88E-03
527	489713.71	3861250.05	0.04269	0.03401	0.0408	6.35E-04	2.40E-06	1.06E-03	0.001699	6.49E-04	2.36E-06	1.18E-03	0.001832	6.17E-04	3.00E-06	2.27E-03	2.89E-03
528	489763.71	3861250.05	0.04274	0.03409	0.0409	6.36E-04	2.41E-06	1.06E-03	0.001703	6.50E-04	2.37E-06	1.18E-03	0.001836	6.18E-04	3.01E-06	2.27E-03	2.89E-03
529	489813.71	3861250.05	0.04279	0.03418	0.041	6.37E-04	2.41E-06	1.07E-03	0.001706	6.51E-04	2.38E-06	1.19E-03	0.00184	6.18E-04	3.02E-06	2.28E-03	2.90E-03
530	489863.71	3861250.05	0.04284	0.03427	0.0411	6.38E-04	2.42E-06	1.07E-03	0.001709	6.52E-04	2.38E-06	1.19E-03	0.001843	6.19E-04	3.02E-06	2.28E-03	2.91E-03
531	489913.71	3861250.05	0.04291	0.03437	0.04121	6.39E-04	2.43E-06	1.07E-03	0.001713	6.53E-04	2.39E-06	1.19E-03	0.001848	6.20E-04	3.03E-06	2.29E-03	2.91E-03
532	489963.71	3861250.05	0.04296	0.03446	0.04131	6.39E-04	2.43E-06	1.07E-03	0.001717	6.53E-04	2.40E-06	1.20E-03	0.001851	6.21E-04	3.04E-06	2.30E-03	2.92E-03
533	490013.71	3861250.05	0.043	0.03453	0.04139	6.40E-04	2.44E-06	1.08E-03	0.001719	6.54E-04	2.40E-06	1.20E-03	0.001854	6.21E-04	3.05E-06	2.30E-03	2.92E-03
534	490063.71	3861250.05	0.04301	0.03457	0.04144	6.40E-04	2.44E-06	1.08E-03	0.001721	6.54E-04	2.40E-06	1.20E-03	0.001856	6.22E-04	3.05E-06	2.30E-03	2.93E-03
535	489528.13	3861308.47	0.0415	0.03303	0.03941	6.18E-04	2.33E-06	1.03E-03	0.001645	6.31E-04	2.30E-06	1.14E-03	0.001774	6.00E-04	2.91E-06	2.19E-03	2.79E-03
536	489578.13	3861308.47	0.04155	0.03308	0.03952	6.18E-04	2.34E-06	1.03E-03	0.001649	6.32E-04	2.30E-06	1.14E-03	0.001778	6.00E-04	2.92E-06	2.20E-03	2.80E-03
537	489628.13	3861308.47	0.04159	0.03313	0.03962	6.19E-04	2.34E-06	1.03E-03	0.001652	6.33E-04	2.30E-06	1.15E-03	0.001781	6.01E-04	2.92E-06	2.20E-03	2.81E-03
538	489678.13	3861308.47	0.04164	0.0332	0.03973	6.20E-04	2.34E-06	1.03E-03	0.001656	6.33E-04	2.31E-06	1.15E-03	0.001785	6.02E-04	2.93E-06	2.21E-03	2.81E-03
539	489728.13	3861308.47	0.04168	0.03327	0.03983	6.20E-04	2.35E-06	1.04E-03	0.001659	6.34E-04	2.31E-06	1.15E-03	0.001789	6.02E-04	2.94E-06	2.21E-03	2.82E-03
540	489778.13	3861308.47	0.04171	0.03333	0.03991	6.21E-04	2.35E-06	1.04E-03	0.001661	6.34E-04	2.32E-06	1.15E-03	0.001792	6.03E-04	2.94E-06	2.22E-03	2.82E-03
541	489678.13	3861358.47	0.04079	0.03258	0.0389	6.07E-04	2.30E-06	1.01E-03	0.001621	6.20E-04	2.26E-06	1.13E-03	0.001748	5.89E-04	2.87E-06	2.16E-03	2.75E-03
542	489728.13	3861358.47	0.04082	0.03263	0.03899	6.08E-04	2.30E-06	1.01E-03	0.001624	6.21E-04	2.27E-06	1.13E-03	0.001751	5.90E-04	2.88E-06	2.17E-03	2.76E-03
543	489528.13	3861408.47	0.03984	0.03186	0.0378	5.93E-04	2.25E-06	9.83E-04	0.001579	6.06E-04	2.21E-06	1.09E-03	0.001702	5.76E-04	2.81E-06	2.10E-03	2.68E-03
544	489578.13	3861408.47	0.03988	0.03189	0.0379	5.94E-04	2.25E-06	9.86E-04	0.001582	6.07E-04	2.22E-06	1.10E-03	0.001705	5.76E-04	2.81E-06	2.11E-03	2.69E-03
545	489628.13	3861408.47	0.03998	0.03198	0.03806	5.95E-04	2.26E-06	9.90E-04	0.001588	6.08E-04	2.22E-06	1.10E-03	0.001712	5.78E-04	2.82E-06	2.11E-03	2.70E-03
546	489678.13	3861408.47	0.03999	0.032	0.03812	5.95E-04	2.26E-06	9.92E-04	0.001589	6.08E-04	2.22E-06	1.10E-03	0.001714	5.78E-04	2.82E-06	2.12E-03	2.70E-03
547	489728.13	3861408.47	0.03999	0.03202	0.03818	5.95E-04	2.26E-06	9.93E-04	0.001591	6.08E-04	2.23E-06	1.10E-03	0.001715	5.78E-04	2.83E-06	2.12E-03	2.70E-03
548	489528.13	3861458.47	0.03908	0.03133	0.03707	5.82E-04	2.21E-06	9.64E-04	0.001548	5.94E-04	2.18E-06	1.07E-03	0.001669	5.65E-04	2.76E-06	2.06E-03	2.63E-03
549	489578.13	3861458.47	0.03913	0.03137	0.03718	5.82E-04	2.21E-06	9.67E-04	0.001552	5.95E-04	2.18E-06	1.08E-03	0.001673	5.65E-04	2.77E-06	2.07E-03	2.63E-03
550	489628.13	3861458.47	0.03917	0.0314	0.03727	5.83E-04	2.22E-06	9.70E-04	0.001555	5.96E-04	2.18E-06	1.08E-03	0.001676	5.66E-04	2.77E-06	2.07E-03	2.64E-03
551	489678.13	3861458.47	0.03919	0.03142	0.03734	5.83E-04	2.22E-06	9.71E-04	0.001557	5.96E-04	2.18E-06	1.08E-03	0.001679	5.66E-04	2.77E-06	2.07E-03	2.64E-03
552	489728.13	3861458.47	0.03916	0.03141	0.03737	5.83E-04	2.22E-06	9.72E-04	0.001557	5.96E-04	2.18E-06	1.08E-03	0.001679	5.66E-04	2.77E-06	2.08E-03	2.65E-03
553	489528.13	3861508.47	0.03834	0.03081	0.03635	5.71E-04	2.18E-06	9.46E-04	0.001519	5.83E-04	2.14E-06	1.05E-03	0.001637	5.54E-04	2.72E-06	2.02E-03	2.58E-03
554	489578.13	3861508.47	0.03836	0.03083	0.03643	5.71E-04	2.18E-06	9.48E-04	0.001521	5.83E-04	2.14E-06	1.05E-03	0.00164	5.54E-04	2.72E-06	2.02E-03	2.58E-03
555	489628.13	3861508.47	0.03838	0.03084	0.0365	5.71E-04	2.18E-06	9.50E-04	0.001523	5.84E-04	2.14E-06	1.06E-03	0.001642	5.55E-04	2.72E-06	2.03E-03	2.59E-03
556	489678.13	3861508.47	0.03839	0.03084	0.03656	5.71E-04	2.18E-06	9.51E-04	0.001525	5.84E-04	2.14E-06	1.06E-03	0.001644	5.55E-04	2.72E-06	2.03E-03	2.59E-03
557	489728.13	3861508.47	0.03839	0.03085	0.03661	5.71E-04	2.18E-06	9.52E-04	0.001526	5.84E-04	2.14E-06	1.06E-03	0.001645	5.55E-04	2.72E-06	2.03E-03	2.59E-03
558	489628.13	3861558.47	0.03768	0.03035	0.03583	5.61E-04	2.14E-06	9.32E-04	0.001495	5.73E-04	2.11E-06	1.04E-03	0.001612	5.44E-04	2.68E-06	1.99E-03	2.54E-03
559	489678.13	3861558.47	0.03774	0.03038	0.03593	5.62E-04	2.15E-06	9.35E-04	0.001499	5.74E-04	2.11E-06	1.04E-03	0.001616	5.45E-04	2.68E-06	2.00E-03	2.54E-03
560	489728.13	3861558.47	0.03774	0.03039	0.03598	5.62E-04	2.15E-06	9.36E-04	0.0015	5.74E-04	2.11E-06	1.04E-03	0.001617	5.45E-04	2.68E-06	2.00E-03	2.55E-03

561	489357.08	3861015.81	0.04719	0.03697	0.04467	7.02E-04	2.61E-06	1.16E-03	0.001867	7.18E-04	2.57E-06	1.29E-03	0.002013	6.82E-04	3.26E-06	2.48E-03	3.17E-03
562	489407.08	3861015.81	0.04715	0.03697	0.04471	7.02E-04	2.61E-06	1.16E-03	0.001868	7.17E-04	2.57E-06	1.29E-03	0.002013	6.81E-04	3.26E-06	2.48E-03	3.17E-03
563	489457.08	3861015.81	0.04716	0.03702	0.04479	7.02E-04	2.61E-06	1.17E-03	0.00187	7.17E-04	2.57E-06	1.30E-03	0.002016	6.81E-04	3.27E-06	2.49E-03	3.17E-03
564	489357.08	3861065.81	0.04618	0.03628	0.04371	6.87E-04	2.56E-06	1.14E-03	0.001827	7.02E-04	2.52E-06	1.26E-03	0.00197	6.67E-04	3.20E-06	2.43E-03	3.10E-03
565	489407.08	3861065.81	0.04614	0.03626	0.04373	6.87E-04	2.56E-06	1.14E-03	0.001827	7.02E-04	2.52E-06	1.27E-03	0.00197	6.67E-04	3.20E-06	2.43E-03	3.10E-03
566	489457.08	3861065.81	0.04615	0.0363	0.04382	6.87E-04	2.56E-06	1.14E-03	0.00183	7.02E-04	2.52E-06	1.27E-03	0.001972	6.67E-04	3.20E-06	2.43E-03	3.10E-03
567	489357.08	3861115.81	0.04518	0.03558	0.04275	6.72E-04	2.51E-06	1.11E-03	0.001787	6.87E-04	2.47E-06	1.24E-03	0.001927	6.53E-04	3.14E-06	2.38E-03	3.03E-03
568	489407.08	3861115.81	0.04521	0.03562	0.04285	6.73E-04	2.52E-06	1.11E-03	0.00179	6.88E-04	2.48E-06	1.24E-03	0.00193	6.53E-04	3.14E-06	2.38E-03	3.04E-03
569	489457.08	3861115.81	0.04524	0.03566	0.04295	6.73E-04	2.52E-06	1.12E-03	0.001793	6.88E-04	2.48E-06	1.24E-03	0.001933	6.54E-04	3.15E-06	2.39E-03	3.04E-03
570	489407.08	3861165.81	0.04431	0.035	0.04199	6.60E-04	2.47E-06	1.09E-03	0.001754	6.74E-04	2.43E-06	1.22E-03	0.001891	6.40E-04	3.09E-06	2.33E-03	2.98E-03
571	489457.08	3861165.81	0.04429	0.03499	0.04203	6.59E-04	2.47E-06	1.09E-03	0.001755	6.74E-04	2.43E-06	1.22E-03	0.001892	6.40E-04	3.09E-06	2.34E-03	2.98E-03
572	489407.08	3861215.81	0.04321	0.03422	0.04092	6.43E-04	2.42E-06	1.06E-03	0.00171	6.57E-04	2.38E-06	1.18E-03	0.001844	6.24E-04	3.02E-06	2.27E-03	2.90E-03
573	489457.08	3861215.81	0.04322	0.03423	0.04099	6.43E-04	2.42E-06	1.07E-03	0.001712	6.57E-04	2.38E-06	1.19E-03	0.001846	6.25E-04	3.02E-06	2.28E-03	2.91E-03
574	489407.08	3861265.81	0.04215	0.03347	0.03988	6.27E-04	2.36E-06	1.04E-03	0.001667	6.41E-04	2.33E-06	1.15E-03	0.001797	6.09E-04	2.95E-06	2.22E-03	2.83E-03
575	489457.08	3861265.81	0.0422	0.03351	0.04	6.28E-04	2.37E-06	1.04E-03	0.001671	6.42E-04	2.33E-06	1.16E-03	0.001802	6.10E-04	2.96E-06	2.22E-03	2.84E-03
576	489309.86	3861110.14	0.04524	0.03561	0.04274	6.73E-04	2.51E-06	1.11E-03	0.001788	6.88E-04	2.47E-06	1.24E-03	0.001927	6.54E-04	3.14E-06	2.37E-03	3.03E-03
577	489407.08	3861315.81	0.04128	0.03287	0.03905	6.14E-04	2.32E-06	1.02E-03	0.001633	6.28E-04	2.28E-06	1.13E-03	0.00176	5.97E-04	2.90E-06	2.17E-03	2.77E-03
578	489457.08	3861315.81	0.04134	0.03291	0.03917	6.15E-04	2.32E-06	1.02E-03	0.001637	6.29E-04	2.29E-06	1.13E-03	0.001764	5.97E-04	2.90E-06	2.18E-03	2.78E-03
579	488906.03	3861006.75	0.04738	0.03678	0.04446	7.05E-04	2.60E-06	1.16E-03	0.001865	7.21E-04	2.56E-06	1.29E-03	0.00201	6.85E-04	3.25E-06	2.47E-03	3.16E-03
580	488956.03	3861006.75	0.04753	0.037	0.04465	7.07E-04	2.61E-06	1.16E-03	0.001872	7.23E-04	2.57E-06	1.29E-03	0.002017	6.87E-04	3.26E-06	2.48E-03	3.17E-03
581	488904.24	3861051.87	0.04697	0.03652	0.04419	6.99E-04	2.58E-06	1.15E-03	0.001851	7.14E-04	2.54E-06	1.28E-03	0.001996	6.79E-04	3.22E-06	2.46E-03	3.14E-03
582	488954.24	3861051.87	0.04677	0.03646	0.04398	6.96E-04	2.57E-06	1.14E-03	0.001843	7.11E-04	2.53E-06	1.27E-03	0.001987	6.76E-04	3.22E-06	2.44E-03	3.12E-03
583	489004.24	3861051.87	0.04696	0.03671	0.04422	6.99E-04	2.59E-06	1.15E-03	0.001852	7.14E-04	2.55E-06	1.28E-03	0.001996	6.79E-04	3.24E-06	2.46E-03	3.14E-03
584	488804.24	3861101.87	0.04563	0.03522	0.04279	6.79E-04	2.49E-06	1.11E-03	0.001795	6.94E-04	2.45E-06	1.24E-03	0.001935	6.59E-04	3.11E-06	2.38E-03	3.04E-03
585	488854.24	3861101.87	0.04575	0.03546	0.04297	6.81E-04	2.50E-06	1.12E-03	0.001801	6.96E-04	2.46E-06	1.24E-03	0.001942	6.61E-04	3.13E-06	2.39E-03	3.05E-03
586	488904.24	3861101.87	0.04536	0.03529	0.04256	6.75E-04	2.49E-06	1.11E-03	0.001785	6.90E-04	2.45E-06	1.23E-03	0.001924	6.55E-04	3.11E-06	2.36E-03	3.02E-03
587	488954.24	3861101.87	0.04525	0.03533	0.04248	6.74E-04	2.49E-06	1.11E-03	0.001781	6.88E-04	2.46E-06	1.23E-03	0.00192	6.54E-04	3.12E-06	2.36E-03	3.02E-03
588	489004.24	3861101.87	0.0453	0.03546	0.04255	6.74E-04	2.50E-06	1.11E-03	0.001784	6.89E-04	2.46E-06	1.23E-03	0.001923	6.55E-04	3.13E-06	2.36E-03	3.02E-03
589	488804.24	3861151.87	0.04409	0.03406	0.04127	6.56E-04	2.40E-06	1.07E-03	0.001732	6.71E-04	2.37E-06	1.19E-03	0.001867	6.37E-04	3.01E-06	2.29E-03	2.93E-03
590	488854.24	3861151.87	0.04403	0.03416	0.04125	6.55E-04	2.41E-06	1.07E-03	0.001731	6.70E-04	2.37E-06	1.19E-03	0.001866	6.36E-04	3.01E-06	2.29E-03	2.93E-03
591	489129.49	3861187.55	0.04346	0.0343	0.04088	6.47E-04	2.42E-06	1.06E-03	0.001713	6.61E-04	2.38E-06	1.18E-03	0.001846	6.28E-04	3.03E-06	2.27E-03	2.90E-03
592	489179.49	3861187.55	0.04348	0.03435	0.04093	6.47E-04	2.43E-06	1.06E-03	0.001714	6.61E-04	2.39E-06	1.18E-03	0.001848	6.28E-04	3.03E-06	2.27E-03	2.91E-03
593	488804.24	3861201.87	0.04317	0.03338	0.04041	6.43E-04	2.36E-06	1.05E-03	0.001696	6.57E-04	2.32E-06	1.17E-03	0.001828	6.24E-04	2.95E-06	2.25E-03	2.87E-03
594	488854.24	3861201.87	0.04301	0.0334	0.04029	6.40E-04	2.36E-06	1.05E-03	0.001691	6.54E-04	2.32E-06	1.17E-03	0.001822	6.22E-04	2.95E-06	2.24E-03	2.86E-03
595	489129.49	3861237.55	0.04264	0.03371	0.04012	6.35E-04	2.38E-06	1.04E-03	0.001681	6.48E-04	2.34E-06	1.16E-03	0.001812	6.16E-04	2.97E-06	2.23E-03	2.85E-03
596	489179.49	3861237.55	0.04258	0.03371	0.04008	6.34E-04	2.38E-06	1.04E-03	0.001679	6.48E-04	2.34E-06	1.16E-03	0.00181	6.15E-04	2.97E-06	2.23E-03	2.85E-03
597	488804.24	3861251.87	0.04232	0.03275	0.03963	6.30E-04	2.31E-06	1.03E-03	0.001663	6.44E-04	2.28E-06	1.15E-03	0.001793	6.12E-04	2.89E-06	2.20E-03	2.82E-03
598	488854.24	3861251.87	0.04213	0.03274	0.03948	6.27E-04	2.31E-06	1.03E-03	0.001657	6.41E-04	2.28E-06	1.14E-03	0.001785	6.09E-04	2.89E-06	2.19E-03	2.81E-03
599	488804.24	3861301.87	0.04139	0.03206	0.03875	6.16E-04	2.26E-06	1.01E-03	0.001626	6.29E-04	2.23E-06	1.12E-03	0.001753	5.98E-04	2.83E-06	2.15E-03	2.75E-03
600	488854.24	3861301.87	0.04128	0.0321	0.03868	6.14E-04	2.27E-06	1.01E-03	0.001623	6.28E-04	2.23E-06	1.12E-03	0.001749	5.97E-04	2.83E-06	2.15E-03	2.75E-03
601	490943.5	3860181.97	0.0681	0.05052	0.06574	1.01E-03	3.57E-06	1.71E-03	0.002728	1.04E-03	3.51E-06	1.90E-03	0.002942	9.84E-04	4.46E-06	3.65E-03	4.64E-03
602	490993.5	3860181.97	0.06827	0.05055	0.06591	1.02E-03	3.57E-06	1.71E-03	0.002734	1.04E-03	3.51E-06	1.91E-03	0.002949	9.87E-04	4.46E-06	3.66E-03	4.65E-03
603	491043.5	3860181.97	0.06846	0.05061	0.06611	1.02E-03	3.57E-06	1.72E-03	0.002742	1.04E-03	3.52E-06	1.91E-03	0.002958	9.89E-04	4.47E-06	3.67E-03	4.67E-03
604	491093.5	3860181.97	0.06859	0.05065	0.06623	1.02E-03	3.58E-06	1.72E-03	0.002748	1.04E-03	3.52E-06	1.92E-03	0.002963	9.91E-04	4.47E-06	3.68E-03	4.68E-03
605	490943.5	3860231.97	0.06568	0.04922	0.06355	9.78E-04	3.48E-06	1.65E-03	0.002634	9.99E-04	3.42E-06	1.84E-03	0.002841	9.49E-04	4.34E-06	3.53E-03	4.48E-03
606	490993.5	3860231.97	0.06595	0.04931	0.06383	9.82E-04	3.48E-06	1.66E-03	0.002646	1.00E-03	3.43E-06	1.85E-03	0.002854	9.53E-04	4.35E-06	3.55E-03	4.50E-03
607	491043.5	3860231.97	0.06603	0.04927	0.06389	9.83E-04	3.48E-06	1.66E-03	0.002648	1.00E-03	3.42E-06	1.85E-03	0.002856	9.54E-04	4.35E-06	3.55E-03	4.51E-03

608	491093.5	3860231.97	0.06613	0.04926	0.06398	9.84E-04	3.48E-06	1.66E-03	0.002652	1.01E-03	3.42E-06	1.85E-03	0.002861	9.56E-04	4.35E-06	3.56E-03	4.52E-03
609	490943.5	3860281.97	0.06348	0.04804	0.06155	9.45E-04	3.39E-06	1.60E-03	0.00255	9.65E-04	3.34E-06	1.78E-03	0.00275	9.17E-04	4.24E-06	3.42E-03	4.34E-03
610	490993.5	3860281.97	0.06366	0.04807	0.06174	9.48E-04	3.39E-06	1.61E-03	0.002557	9.68E-04	3.34E-06	1.79E-03	0.002758	9.20E-04	4.24E-06	3.43E-03	4.35E-03
611	491043.5	3860281.97	0.06376	0.04804	0.06182	9.49E-04	3.39E-06	1.61E-03	0.002561	9.70E-04	3.34E-06	1.79E-03	0.002762	9.21E-04	4.24E-06	3.44E-03	4.36E-03
612	491093.5	3860281.97	0.06386	0.04801	0.06191	9.51E-04	3.39E-06	1.61E-03	0.002565	9.71E-04	3.34E-06	1.79E-03	0.002766	9.23E-04	4.24E-06	3.44E-03	4.37E-03
613	490943.5	3860331.97	0.06147	0.04695	0.05971	9.15E-04	3.32E-06	1.55E-03	0.002472	9.35E-04	3.26E-06	1.73E-03	0.002666	8.88E-04	4.14E-06	3.32E-03	4.21E-03
614	490993.5	3860331.97	0.06149	0.04686	0.05972	9.15E-04	3.31E-06	1.55E-03	0.002472	9.35E-04	3.26E-06	1.73E-03	0.002667	8.89E-04	4.13E-06	3.32E-03	4.21E-03
615	491043.5	3860331.97	0.06155	0.04681	0.05978	9.16E-04	3.31E-06	1.56E-03	0.002475	9.36E-04	3.25E-06	1.73E-03	0.002669	8.89E-04	4.13E-06	3.32E-03	4.22E-03
616	491093.5	3860331.97	0.06165	0.04678	0.05987	9.18E-04	3.30E-06	1.56E-03	0.002479	9.38E-04	3.25E-06	1.73E-03	0.002673	8.91E-04	4.13E-06	3.33E-03	4.22E-03
617	490086.72	3859935.12	0.08088	0.05921	0.07718	1.20E-03	4.18E-06	2.01E-03	0.003216	1.23E-03	4.12E-06	2.23E-03	0.003468	1.17E-03	5.22E-06	4.29E-03	5.46E-03
618	490136.72	3859935.12	0.08057	0.05888	0.07691	1.20E-03	4.16E-06	2.00E-03	0.003204	1.23E-03	4.09E-06	2.23E-03	0.003455	1.16E-03	5.20E-06	4.27E-03	5.44E-03
619	490186.72	3859935.12	0.08036	0.05861	0.07673	1.20E-03	4.14E-06	2.00E-03	0.003196	1.22E-03	4.07E-06	2.22E-03	0.003447	1.16E-03	5.17E-06	4.26E-03	5.43E-03
620	490236.72	3859935.12	0.08023	0.05837	0.07661	1.19E-03	4.12E-06	1.99E-03	0.003191	1.22E-03	4.06E-06	2.22E-03	0.003441	1.16E-03	5.15E-06	4.26E-03	5.42E-03
621	490286.72	3859935.12	0.08017	0.05816	0.07653	1.19E-03	4.11E-06	1.99E-03	0.003188	1.22E-03	4.04E-06	2.21E-03	0.003438	1.16E-03	5.13E-06	4.25E-03	5.42E-03
622	490336.72	3859935.12	0.08018	0.05798	0.0765	1.19E-03	4.09E-06	1.99E-03	0.003188	1.22E-03	4.03E-06	2.21E-03	0.003437	1.16E-03	5.12E-06	4.25E-03	5.41E-03
623	490386.72	3859935.12	0.08029	0.05787	0.07658	1.20E-03	4.09E-06	1.99E-03	0.003191	1.22E-03	4.02E-06	2.22E-03	0.003441	1.16E-03	5.11E-06	4.26E-03	5.42E-03
624	490436.72	3859935.12	0.08044	0.05779	0.07669	1.20E-03	4.08E-06	2.00E-03	0.003197	1.22E-03	4.02E-06	2.22E-03	0.003447	1.16E-03	5.10E-06	4.26E-03	5.43E-03
625	490486.72	3859935.12	0.08066	0.05777	0.07688	1.20E-03	4.08E-06	2.00E-03	0.003205	1.23E-03	4.02E-06	2.22E-03	0.003455	1.17E-03	5.10E-06	4.27E-03	5.44E-03
626	490536.72	3859935.12	0.08106	0.05791	0.0773	1.21E-03	4.09E-06	2.01E-03	0.003222	1.23E-03	4.02E-06	2.24E-03	0.003474	1.17E-03	5.11E-06	4.30E-03	5.47E-03
627	490586.72	3859935.12	0.08151	0.05812	0.07782	1.21E-03	4.10E-06	2.02E-03	0.003242	1.24E-03	4.04E-06	2.25E-03	0.003496	1.18E-03	5.13E-06	4.32E-03	5.51E-03
628	490636.72	3859935.12	0.08184	0.05826	0.07818	1.22E-03	4.11E-06	2.03E-03	0.003256	1.24E-03	4.05E-06	2.26E-03	0.003511	1.18E-03	5.14E-06	4.34E-03	5.53E-03
629	490686.72	3859935.12	0.08233	0.0586	0.07882	1.23E-03	4.14E-06	2.05E-03	0.00328	1.25E-03	4.07E-06	2.28E-03	0.003537	1.19E-03	5.17E-06	4.38E-03	5.57E-03
630	490736.72	3859935.12	0.08268	0.05885	0.07931	1.23E-03	4.16E-06	2.06E-03	0.003298	1.26E-03	4.09E-06	2.30E-03	0.003557	1.19E-03	5.19E-06	4.41E-03	5.61E-03
631	490086.72	3859985.12	0.07854	0.05807	0.07513	1.17E-03	4.10E-06	1.95E-03	0.003128	1.19E-03	4.04E-06	2.17E-03	0.003373	1.13E-03	5.12E-06	4.17E-03	5.31E-03
632	490136.72	3859985.12	0.07813	0.05769	0.07476	1.16E-03	4.07E-06	1.94E-03	0.003112	1.19E-03	4.01E-06	2.16E-03	0.003356	1.13E-03	5.09E-06	4.15E-03	5.29E-03
633	490186.72	3859985.12	0.07783	0.0574	0.07452	1.16E-03	4.05E-06	1.94E-03	0.003101	1.18E-03	3.99E-06	2.16E-03	0.003344	1.12E-03	5.06E-06	4.14E-03	5.27E-03
634	490236.72	3859985.12	0.07764	0.05716	0.07438	1.16E-03	4.04E-06	1.94E-03	0.003095	1.18E-03	3.97E-06	2.15E-03	0.003337	1.12E-03	5.04E-06	4.13E-03	5.26E-03
635	490286.72	3859985.12	0.07747	0.0569	0.07421	1.15E-03	4.02E-06	1.93E-03	0.003088	1.18E-03	3.95E-06	2.15E-03	0.00333	1.12E-03	5.02E-06	4.12E-03	5.25E-03
636	490336.72	3859985.12	0.07736	0.05667	0.07409	1.15E-03	4.00E-06	1.93E-03	0.003083	1.18E-03	3.94E-06	2.14E-03	0.003324	1.12E-03	5.00E-06	4.12E-03	5.24E-03
637	490386.72	3859985.12	0.07728	0.05644	0.07397	1.15E-03	3.99E-06	1.92E-03	0.003079	1.18E-03	3.92E-06	2.14E-03	0.00332	1.12E-03	4.98E-06	4.11E-03	5.23E-03
638	490436.72	3859985.12	0.07732	0.05629	0.07397	1.15E-03	3.97E-06	1.92E-03	0.003079	1.18E-03	3.91E-06	2.14E-03	0.00332	1.12E-03	4.97E-06	4.11E-03	5.23E-03
639	490486.72	3859985.12	0.07745	0.05622	0.07408	1.15E-03	3.97E-06	1.93E-03	0.003084	1.18E-03	3.91E-06	2.14E-03	0.003326	1.12E-03	4.96E-06	4.12E-03	5.24E-03
640	490536.72	3859985.12	0.0777	0.05624	0.07432	1.16E-03	3.97E-06	1.93E-03	0.003094	1.18E-03	3.91E-06	2.15E-03	0.003336	1.12E-03	4.96E-06	4.13E-03	5.26E-03
641	490586.72	3859985.12	0.07804	0.05633	0.07467	1.16E-03	3.98E-06	1.94E-03	0.003108	1.19E-03	3.92E-06	2.16E-03	0.003352	1.13E-03	4.97E-06	4.15E-03	5.28E-03
642	490636.72	3859985.12	0.07844	0.0565	0.07512	1.17E-03	3.99E-06	1.95E-03	0.003126	1.19E-03	3.93E-06	2.17E-03	0.003371	1.13E-03	4.99E-06	4.17E-03	5.31E-03
643	490686.72	3859985.12	0.07894	0.05679	0.07574	1.18E-03	4.01E-06	1.97E-03	0.003149	1.20E-03	3.95E-06	2.19E-03	0.003396	1.14E-03	5.01E-06	4.21E-03	5.35E-03
644	490736.72	3859985.12	0.07923	0.05691	0.07605	1.18E-03	4.02E-06	1.98E-03	0.003162	1.20E-03	3.96E-06	2.20E-03	0.00341	1.14E-03	5.02E-06	4.23E-03	5.38E-03
645	490786.72	3859985.12	0.0795	0.05706	0.07637	1.18E-03	4.03E-06	1.99E-03	0.003174	1.21E-03	3.97E-06	2.21E-03	0.003423	1.15E-03	5.03E-06	4.24E-03	5.40E-03
646	490086.72	3860035.12	0.07643	0.05701	0.07327	1.14E-03	4.03E-06	1.91E-03	0.003048	1.16E-03	3.96E-06	2.12E-03	0.003287	1.10E-03	5.03E-06	4.07E-03	5.18E-03
647	490136.72	3860035.12	0.07597	0.05662	0.07286	1.13E-03	4.00E-06	1.90E-03	0.00303	1.16E-03	3.94E-06	2.11E-03	0.003268	1.10E-03	5.00E-06	4.05E-03	5.15E-03
648	490186.72	3860035.12	0.07558	0.05627	0.07251	1.12E-03	3.97E-06	1.89E-03	0.003015	1.15E-03	3.91E-06	2.10E-03	0.003252	1.09E-03	4.96E-06	4.03E-03	5.13E-03
649	490236.72	3860035.12	0.07526	0.05596	0.07224	1.12E-03	3.95E-06	1.88E-03	0.003004	1.14E-03	3.89E-06	2.09E-03	0.003239	1.09E-03	4.94E-06	4.01E-03	5.11E-03
650	490286.72	3860035.12	0.07499	0.05566	0.07198	1.12E-03	3.93E-06	1.87E-03	0.002993	1.14E-03	3.87E-06	2.08E-03	0.003227	1.08E-03	4.91E-06	4.00E-03	5.09E-03
651	490336.72	3860035.12	0.07484	0.05544	0.07187	1.11E-03	3.91E-06	1.87E-03	0.002988	1.14E-03	3.85E-06	2.08E-03	0.003222	1.08E-03	4.89E-06	3.99E-03	5.08E-03
652	490386.72	3860035.12	0.07465	0.05517	0.07167	1.11E-03	3.90E-06	1.86E-03	0.00298	1.14E-03	3.83E-06	2.07E-03	0.003213	1.08E-03	4.87E-06	3.98E-03	5.07E-03
653	490436.72	3860035.12	0.07457	0.05497	0.07157	1.11E-03	3.88E-06	1.86E-03	0.002976	1.13E-03	3.82E-06	2.07E-03	0.003209	1.08E-03	4.85E-06	3.98E-03	5.06E-03
654	490486.72	3860035.12	0.07459	0.05482	0.07157	1.11E-03	3.87E-06	1.86E-03	0.002976	1.13E-03	3.81E-06	2.07E-03	0.003209	1.08E-03	4.84E-06	3.98E-03	5.06E-03

655	490536.72	3860035.12	0.07472	0.05477	0.0717	1.11E-03	3.87E-06	1.87E-03	0.002981	1.14E-03	3.81E-06	2.07E-03	0.003215	1.08E-03	4.83E-06	3.98E-03	5.07E-03
656	490586.72	3860035.12	0.07491	0.05475	0.07187	1.12E-03	3.87E-06	1.87E-03	0.002989	1.14E-03	3.81E-06	2.08E-03	0.003223	1.08E-03	4.83E-06	3.99E-03	5.08E-03
657	490636.72	3860035.12	0.07508	0.05471	0.07201	1.12E-03	3.86E-06	1.87E-03	0.002995	1.14E-03	3.80E-06	2.08E-03	0.003229	1.08E-03	4.83E-06	4.00E-03	5.09E-03
658	490686.72	3860035.12	0.07543	0.05483	0.07238	1.12E-03	3.87E-06	1.88E-03	0.00301	1.15E-03	3.81E-06	2.09E-03	0.003245	1.09E-03	4.84E-06	4.02E-03	5.12E-03
659	490736.72	3860035.12	0.07594	0.05512	0.07299	1.13E-03	3.89E-06	1.90E-03	0.003033	1.15E-03	3.83E-06	2.11E-03	0.003271	1.10E-03	4.86E-06	4.06E-03	5.16E-03
660	490786.72	3860035.12	0.07622	0.05522	0.07328	1.13E-03	3.90E-06	1.91E-03	0.003045	1.16E-03	3.84E-06	2.12E-03	0.003284	1.10E-03	4.87E-06	4.07E-03	5.18E-03
661	490836.72	3860035.12	0.07647	0.05533	0.07355	1.14E-03	3.91E-06	1.91E-03	0.003056	1.16E-03	3.85E-06	2.13E-03	0.003295	1.11E-03	4.88E-06	4.09E-03	5.20E-03
662	490086.72	3860085.12	0.07466	0.05616	0.0718	1.11E-03	3.97E-06	1.87E-03	0.002983	1.14E-03	3.90E-06	2.08E-03	0.003217	1.08E-03	4.96E-06	3.99E-03	5.07E-03
663	490136.72	3860085.12	0.07402	0.05561	0.07112	1.10E-03	3.93E-06	1.85E-03	0.002956	1.13E-03	3.87E-06	2.06E-03	0.003188	1.07E-03	4.91E-06	3.95E-03	5.03E-03
664	490186.72	3860085.12	0.07363	0.05529	0.0708	1.10E-03	3.90E-06	1.84E-03	0.002942	1.12E-03	3.84E-06	2.05E-03	0.003172	1.06E-03	4.88E-06	3.93E-03	5.00E-03
665	490236.72	3860085.12	0.07322	0.05493	0.07042	1.09E-03	3.88E-06	1.83E-03	0.002926	1.11E-03	3.82E-06	2.04E-03	0.003155	1.06E-03	4.85E-06	3.91E-03	4.98E-03
666	490286.72	3860085.12	0.07287	0.0546	0.0701	1.08E-03	3.86E-06	1.82E-03	0.002912	1.11E-03	3.79E-06	2.03E-03	0.003141	1.05E-03	4.82E-06	3.90E-03	4.95E-03
667	490336.72	3860085.12	0.07255	0.05428	0.06981	1.08E-03	3.83E-06	1.82E-03	0.0029	1.10E-03	3.77E-06	2.02E-03	0.003127	1.05E-03	4.79E-06	3.88E-03	4.93E-03
668	490386.72	3860085.12	0.07232	0.054	0.06958	1.08E-03	3.81E-06	1.81E-03	0.00289	1.10E-03	3.75E-06	2.01E-03	0.003117	1.05E-03	4.76E-06	3.87E-03	4.92E-03
669	490436.72	3860085.12	0.07214	0.05376	0.06941	1.07E-03	3.80E-06	1.81E-03	0.002883	1.10E-03	3.74E-06	2.01E-03	0.003109	1.04E-03	4.74E-06	3.86E-03	4.90E-03
670	490486.72	3860085.12	0.07202	0.05354	0.06928	1.07E-03	3.78E-06	1.80E-03	0.002878	1.10E-03	3.72E-06	2.00E-03	0.003104	1.04E-03	4.72E-06	3.85E-03	4.90E-03
671	490536.72	3860085.12	0.07204	0.05342	0.06931	1.07E-03	3.77E-06	1.80E-03	0.002879	1.10E-03	3.71E-06	2.01E-03	0.003105	1.04E-03	4.71E-06	3.85E-03	4.90E-03
672	490586.72	3860085.12	0.07213	0.05334	0.06939	1.07E-03	3.77E-06	1.81E-03	0.002883	1.10E-03	3.71E-06	2.01E-03	0.003109	1.04E-03	4.71E-06	3.86E-03	4.90E-03
673	490636.72	3860085.12	0.07223	0.05327	0.06947	1.08E-03	3.76E-06	1.81E-03	0.002886	1.10E-03	3.70E-06	2.01E-03	0.003113	1.04E-03	4.70E-06	3.86E-03	4.91E-03
674	490686.72	3860085.12	0.07246	0.05329	0.0697	1.08E-03	3.76E-06	1.81E-03	0.002896	1.10E-03	3.70E-06	2.02E-03	0.003123	1.05E-03	4.70E-06	3.87E-03	4.92E-03
675	490736.72	3860085.12	0.07277	0.05339	0.07003	1.08E-03	3.77E-06	1.82E-03	0.002909	1.11E-03	3.71E-06	2.03E-03	0.003137	1.05E-03	4.71E-06	3.89E-03	4.95E-03
676	490786.72	3860085.12	0.0731	0.05352	0.07039	1.09E-03	3.78E-06	1.83E-03	0.002923	1.11E-03	3.72E-06	2.04E-03	0.003152	1.06E-03	4.72E-06	3.91E-03	4.97E-03
677	490836.72	3860085.12	0.07333	0.05358	0.07061	1.09E-03	3.78E-06	1.84E-03	0.002932	1.12E-03	3.72E-06	2.04E-03	0.003162	1.06E-03	4.73E-06	3.92E-03	4.99E-03
678	490086.72	3860135.12	0.07264	0.05498	0.06987	1.08E-03	3.88E-06	1.82E-03	0.002903	1.10E-03	3.82E-06	2.02E-03	0.00313	1.05E-03	4.85E-06	3.88E-03	4.94E-03
679	490136.72	3860135.12	0.07219	0.05463	0.06948	1.07E-03	3.86E-06	1.81E-03	0.002886	1.10E-03	3.80E-06	2.01E-03	0.003112	1.04E-03	4.82E-06	3.86E-03	4.91E-03
680	490186.72	3860135.12	0.07177	0.0543	0.06911	1.07E-03	3.83E-06	1.80E-03	0.00287	1.09E-03	3.77E-06	2.00E-03	0.003095	1.04E-03	4.79E-06	3.84E-03	4.88E-03
681	490236.72	3860135.12	0.07131	0.05392	0.06869	1.06E-03	3.81E-06	1.79E-03	0.002852	1.08E-03	3.75E-06	1.99E-03	0.003076	1.03E-03	4.76E-06	3.82E-03	4.85E-03
682	490286.72	3860135.12	0.07092	0.05358	0.06834	1.06E-03	3.78E-06	1.78E-03	0.002837	1.08E-03	3.72E-06	1.98E-03	0.00306	1.02E-03	4.73E-06	3.80E-03	4.83E-03
683	490336.72	3860135.12	0.07057	0.05326	0.06802	1.05E-03	3.76E-06	1.77E-03	0.002824	1.07E-03	3.70E-06	1.97E-03	0.003045	1.02E-03	4.70E-06	3.78E-03	4.80E-03
684	490386.72	3860135.12	0.07025	0.05294	0.06772	1.05E-03	3.74E-06	1.76E-03	0.002811	1.07E-03	3.68E-06	1.96E-03	0.003032	1.02E-03	4.67E-06	3.76E-03	4.78E-03
685	490436.72	3860135.12	0.06997	0.05264	0.06745	1.04E-03	3.72E-06	1.75E-03	0.0028	1.06E-03	3.66E-06	1.95E-03	0.00302	1.01E-03	4.64E-06	3.75E-03	4.76E-03
686	490486.72	3860135.12	0.06978	0.0524	0.06727	1.04E-03	3.70E-06	1.75E-03	0.002792	1.06E-03	3.64E-06	1.95E-03	0.003012	1.01E-03	4.62E-06	3.74E-03	4.75E-03
687	490536.72	3860135.12	0.06971	0.05224	0.06722	1.04E-03	3.69E-06	1.75E-03	0.00279	1.06E-03	3.63E-06	1.95E-03	0.003009	1.01E-03	4.61E-06	3.74E-03	4.75E-03
688	490586.72	3860135.12	0.06967	0.05209	0.06719	1.04E-03	3.68E-06	1.75E-03	0.002789	1.06E-03	3.62E-06	1.94E-03	0.003008	1.01E-03	4.60E-06	3.73E-03	4.74E-03
689	490636.72	3860135.12	0.06969	0.05197	0.0672	1.04E-03	3.67E-06	1.75E-03	0.002789	1.06E-03	3.61E-06	1.94E-03	0.003008	1.01E-03	4.59E-06	3.73E-03	4.75E-03
690	490686.72	3860135.12	0.06976	0.05189	0.06725	1.04E-03	3.66E-06	1.75E-03	0.002792	1.06E-03	3.61E-06	1.95E-03	0.003011	1.01E-03	4.58E-06	3.74E-03	4.75E-03
691	490736.72	3860135.12	0.06992	0.05187	0.06741	1.04E-03	3.66E-06	1.75E-03	0.002798	1.06E-03	3.61E-06	1.95E-03	0.003018	1.01E-03	4.58E-06	3.75E-03	4.76E-03
692	490786.72	3860135.12	0.0702	0.05195	0.0677	1.04E-03	3.67E-06	1.76E-03	0.00281	1.07E-03	3.61E-06	1.96E-03	0.00303	1.01E-03	4.58E-06	3.76E-03	4.78E-03
693	490836.72	3860135.12	0.07039	0.05196	0.06788	1.05E-03	3.67E-06	1.77E-03	0.002817	1.07E-03	3.61E-06	1.96E-03	0.003038	1.02E-03	4.58E-06	3.77E-03	4.79E-03
694	490086.72	3860185.12	0.07089	0.05398	0.06828	1.06E-03	3.81E-06	1.78E-03	0.002835	1.08E-03	3.75E-06	1.98E-03	0.003058	1.02E-03	4.76E-06	3.79E-03	4.82E-03
695	490136.72	3860185.12	0.07049	0.0537	0.06795	1.05E-03	3.79E-06	1.77E-03	0.002821	1.07E-03	3.73E-06	1.97E-03	0.003042	1.02E-03	4.74E-06	3.78E-03	4.80E-03
696	490186.72	3860185.12	0.07006	0.05337	0.06757	1.04E-03	3.77E-06	1.76E-03	0.002804	1.07E-03	3.71E-06	1.96E-03	0.003025	1.01E-03	4.71E-06	3.75E-03	4.77E-03
697	490236.72	3860185.12	0.06959	0.05299	0.06713	1.04E-03	3.74E-06	1.75E-03	0.002786	1.06E-03	3.68E-06	1.94E-03	0.003005	1.01E-03	4.68E-06	3.73E-03	4.74E-03
698	490286.72	3860185.12	0.06915	0.05263	0.06673	1.03E-03	3.72E-06	1.74E-03	0.002769	1.05E-03	3.66E-06	1.93E-03	0.002986	9.99E-04	4.64E-06	3.71E-03	4.71E-03
699	490336.72	3860185.12	0.06874	0.05228	0.06635	1.02E-03	3.69E-06	1.73E-03	0.002753	1.05E-03	3.63E-06	1.92E-03	0.002969	9.93E-04	4.61E-06	3.69E-03	4.68E-03
700	490386.72	3860185.12	0.06838	0.05195	0.06601	1.02E-03	3.67E-06	1.72E-03	0.002739	1.04E-03	3.61E-06	1.91E-03	0.002954	9.88E-04	4.58E-06	3.67E-03	4.66E-03
701	490436.72	3860185.12	0.06806	0.05164	0.06572	1.01E-03	3.65E-06	1.71E-03	0.002726	1.04E-03	3.59E-06	1.90E-03	0.00294	9.83E-04	4.56E-06	3.65E-03	4.64E-03

702	490486.72	3860185.12	0.06779	0.05136	0.06547	1.01E-03	3.63E-06	1.70E-03	0.002716	1.03E-03	3.57E-06	1.89E-03	0.002929	9.80E-04	4.53E-06	3.64E-03	4.62E-03
703	490536.72	3860185.12	0.06761	0.05114	0.06531	1.01E-03	3.61E-06	1.70E-03	0.002709	1.03E-03	3.55E-06	1.89E-03	0.002922	9.77E-04	4.51E-06	3.63E-03	4.61E-03
704	490586.72	3860185.12	0.06752	0.05098	0.06525	1.01E-03	3.60E-06	1.70E-03	0.002706	1.03E-03	3.54E-06	1.89E-03	0.002919	9.76E-04	4.50E-06	3.63E-03	4.61E-03
705	490636.72	3860185.12	0.06743	0.0508	0.06515	1.00E-03	3.59E-06	1.69E-03	0.002702	1.03E-03	3.53E-06	1.89E-03	0.002914	9.74E-04	4.48E-06	3.62E-03	4.60E-03
706	490686.72	3860185.12	0.06744	0.05069	0.06517	1.00E-03	3.58E-06	1.70E-03	0.002703	1.03E-03	3.52E-06	1.89E-03	0.002915	9.75E-04	4.47E-06	3.62E-03	4.60E-03
707	490736.72	3860185.12	0.06744	0.05057	0.06515	1.00E-03	3.57E-06	1.69E-03	0.002702	1.03E-03	3.51E-06	1.89E-03	0.002914	9.75E-04	4.46E-06	3.62E-03	4.60E-03
708	490786.72	3860185.12	0.06757	0.05053	0.06528	1.01E-03	3.57E-06	1.70E-03	0.002708	1.03E-03	3.51E-06	1.89E-03	0.00292	9.76E-04	4.46E-06	3.63E-03	4.61E-03
709	490836.72	3860185.12	0.06773	0.05053	0.06544	1.01E-03	3.57E-06	1.70E-03	0.002714	1.03E-03	3.51E-06	1.89E-03	0.002927	9.79E-04	4.46E-06	3.64E-03	4.62E-03
710	490086.72	3860235.12	0.06929	0.05307	0.06684	1.03E-03	3.75E-06	1.74E-03	0.002774	1.05E-03	3.69E-06	1.93E-03	0.002992	1.00E-03	4.68E-06	3.71E-03	4.72E-03
711	490136.72	3860235.12	0.06887	0.05277	0.06648	1.03E-03	3.73E-06	1.73E-03	0.002758	1.05E-03	3.67E-06	1.92E-03	0.002975	9.95E-04	4.66E-06	3.69E-03	4.69E-03
712	490186.72	3860235.12	0.06845	0.05246	0.06611	1.02E-03	3.70E-06	1.72E-03	0.002742	1.04E-03	3.65E-06	1.91E-03	0.002958	9.89E-04	4.63E-06	3.67E-03	4.67E-03
713	490236.72	3860235.12	0.068	0.05211	0.06569	1.01E-03	3.68E-06	1.71E-03	0.002725	1.03E-03	3.62E-06	1.90E-03	0.002939	9.83E-04	4.60E-06	3.65E-03	4.64E-03
714	490286.72	3860235.12	0.06754	0.05175	0.06526	1.01E-03	3.65E-06	1.70E-03	0.002707	1.03E-03	3.60E-06	1.89E-03	0.002919	9.76E-04	4.57E-06	3.63E-03	4.61E-03
715	490336.72	3860235.12	0.06711	0.05139	0.06487	9.99E-04	3.63E-06	1.69E-03	0.00269	1.02E-03	3.57E-06	1.88E-03	0.002901	9.70E-04	4.53E-06	3.60E-03	4.58E-03
716	490386.72	3860235.12	0.06671	0.05105	0.0645	9.93E-04	3.60E-06	1.68E-03	0.002675	1.01E-03	3.55E-06	1.87E-03	0.002885	9.64E-04	4.50E-06	3.58E-03	4.55E-03
717	490436.72	3860235.12	0.06636	0.05074	0.06418	9.88E-04	3.58E-06	1.67E-03	0.002661	1.01E-03	3.53E-06	1.86E-03	0.00287	9.59E-04	4.48E-06	3.57E-03	4.53E-03
718	490486.72	3860235.12	0.06602	0.05043	0.06387	9.83E-04	3.56E-06	1.66E-03	0.002648	1.00E-03	3.51E-06	1.85E-03	0.002856	9.54E-04	4.45E-06	3.55E-03	4.51E-03
719	490536.72	3860235.12	0.06577	0.05017	0.06364	9.79E-04	3.54E-06	1.66E-03	0.002638	1.00E-03	3.49E-06	1.84E-03	0.002845	9.50E-04	4.43E-06	3.54E-03	4.49E-03
720	490586.72	3860235.12	0.06558	0.04995	0.06348	9.76E-04	3.53E-06	1.65E-03	0.002631	9.97E-04	3.47E-06	1.84E-03	0.002838	9.48E-04	4.41E-06	3.53E-03	4.48E-03
721	490636.72	3860235.12	0.06544	0.04976	0.06335	9.74E-04	3.51E-06	1.65E-03	0.002626	9.95E-04	3.46E-06	1.83E-03	0.002832	9.46E-04	4.39E-06	3.52E-03	4.47E-03
722	490686.72	3860235.12	0.06536	0.0496	0.06328	9.73E-04	3.50E-06	1.65E-03	0.002623	9.94E-04	3.45E-06	1.83E-03	0.002829	9.44E-04	4.38E-06	3.52E-03	4.47E-03
723	490736.72	3860235.12	0.0653	0.04945	0.06323	9.72E-04	3.49E-06	1.64E-03	0.00262	9.93E-04	3.44E-06	1.83E-03	0.002826	9.44E-04	4.36E-06	3.51E-03	4.46E-03
724	490786.72	3860235.12	0.0653	0.04933	0.06322	9.72E-04	3.48E-06	1.64E-03	0.00262	9.93E-04	3.43E-06	1.83E-03	0.002826	9.44E-04	4.35E-06	3.51E-03	4.46E-03
725	490086.72	3860285.12	0.06772	0.05213	0.06541	1.01E-03	3.68E-06	1.70E-03	0.002713	1.03E-03	3.62E-06	1.89E-03	0.002926	9.79E-04	4.60E-06	3.63E-03	4.62E-03
726	490136.72	3860285.12	0.06734	0.05188	0.06509	1.00E-03	3.66E-06	1.69E-03	0.002699	1.02E-03	3.61E-06	1.88E-03	0.002911	9.73E-04	4.58E-06	3.62E-03	4.59E-03
727	490186.72	3860285.12	0.06692	0.05157	0.06471	9.96E-04	3.64E-06	1.68E-03	0.002683	1.02E-03	3.58E-06	1.87E-03	0.002894	9.67E-04	4.55E-06	3.60E-03	4.57E-03
728	490236.72	3860285.12	0.06651	0.05127	0.06434	9.90E-04	3.62E-06	1.67E-03	0.002667	1.01E-03	3.56E-06	1.86E-03	0.002877	9.61E-04	4.52E-06	3.58E-03	4.54E-03
729	490286.72	3860285.12	0.06604	0.0509	0.0639	9.83E-04	3.59E-06	1.66E-03	0.002649	1.00E-03	3.54E-06	1.85E-03	0.002857	9.54E-04	4.49E-06	3.55E-03	4.51E-03
730	490336.72	3860285.12	0.06559	0.05054	0.06348	9.76E-04	3.57E-06	1.65E-03	0.002631	9.98E-04	3.51E-06	1.84E-03	0.002838	9.48E-04	4.46E-06	3.53E-03	4.48E-03
731	490386.72	3860285.12	0.06519	0.05022	0.06312	9.70E-04	3.55E-06	1.64E-03	0.002616	9.91E-04	3.49E-06	1.83E-03	0.002821	9.42E-04	4.43E-06	3.51E-03	4.45E-03
732	490436.72	3860285.12	0.06479	0.04988	0.06274	9.64E-04	3.52E-06	1.63E-03	0.0026	9.85E-04	3.47E-06	1.82E-03	0.002804	9.36E-04	4.40E-06	3.49E-03	4.43E-03
733	490486.72	3860285.12	0.06444	0.04957	0.06242	9.59E-04	3.50E-06	1.62E-03	0.002587	9.80E-04	3.45E-06	1.81E-03	0.00279	9.31E-04	4.37E-06	3.47E-03	4.40E-03
734	490536.72	3860285.12	0.0641	0.04926	0.06211	9.54E-04	3.48E-06	1.62E-03	0.002573	9.75E-04	3.42E-06	1.80E-03	0.002776	9.26E-04	4.35E-06	3.45E-03	4.38E-03
735	490586.72	3860285.12	0.06383	0.04899	0.06186	9.50E-04	3.46E-06	1.61E-03	0.002563	9.71E-04	3.40E-06	1.79E-03	0.002764	9.22E-04	4.32E-06	3.44E-03	4.36E-03
736	490636.72	3860285.12	0.06362	0.04877	0.06168	9.47E-04	3.44E-06	1.60E-03	0.002555	9.68E-04	3.39E-06	1.78E-03	0.002756	9.19E-04	4.30E-06	3.43E-03	4.35E-03
737	490686.72	3860285.12	0.06348	0.04859	0.06156	9.45E-04	3.43E-06	1.60E-03	0.00255	9.65E-04	3.38E-06	1.78E-03	0.00275	9.17E-04	4.29E-06	3.42E-03	4.34E-03
738	490736.72	3860285.12	0.06337	0.04842	0.06146	9.43E-04	3.42E-06	1.60E-03	0.002546	9.64E-04	3.37E-06	1.78E-03	0.002746	9.16E-04	4.27E-06	3.42E-03	4.34E-03
739	490786.72	3860285.12	0.06332	0.04828	0.06142	9.43E-04	3.41E-06	1.60E-03	0.002544	9.63E-04	3.36E-06	1.78E-03	0.002744	9.15E-04	4.26E-06	3.41E-03	4.33E-03
740	490086.72	3860335.12	0.06619	0.05118	0.064	9.85E-04	3.61E-06	1.67E-03	0.002654	1.01E-03	3.56E-06	1.85E-03	0.002862	9.56E-04	4.52E-06	3.56E-03	4.52E-03
741	490136.72	3860335.12	0.06586	0.05098	0.06374	9.80E-04	3.60E-06	1.66E-03	0.002642	1.00E-03	3.54E-06	1.84E-03	0.00285	9.52E-04	4.50E-06	3.54E-03	4.50E-03
742	490186.72	3860335.12	0.06546	0.0507	0.06338	9.74E-04	3.58E-06	1.65E-03	0.002627	9.96E-04	3.52E-06	1.83E-03	0.002833	9.46E-04	4.47E-06	3.52E-03	4.47E-03
743	490236.72	3860335.12	0.06509	0.05044	0.06305	9.69E-04	3.56E-06	1.64E-03	0.002613	9.90E-04	3.51E-06	1.82E-03	0.002818	9.41E-04	4.45E-06	3.50E-03	4.45E-03
744	490286.72	3860335.12	0.06464	0.0501	0.06263	9.62E-04	3.54E-06	1.63E-03	0.002595	9.83E-04	3.48E-06	1.81E-03	0.002799	9.34E-04	4.42E-06	3.48E-03	4.42E-03
745	490336.72	3860335.12	0.06419	0.04974	0.0622	9.55E-04	3.51E-06	1.62E-03	0.002577	9.76E-04	3.46E-06	1.80E-03	0.00278	9.28E-04	4.39E-06	3.46E-03	4.39E-03
746	490386.72	3860335.12	0.06376	0.04941	0.0618	9.49E-04	3.49E-06	1.61E-03	0.00256	9.70E-04	3.43E-06	1.79E-03	0.002761	9.21E-04	4.36E-06	3.43E-03	4.36E-03
747	490436.72	3860335.12	0.06336	0.04907	0.06143	9.43E-04	3.46E-06	1.60E-03	0.002545	9.64E-04	3.41E-06	1.78E-03	0.002745	9.16E-04	4.33E-06	3.41E-03	4.33E-03
748	490486.72	3860335.12	0.06296	0.04874	0.06106	9.37E-04	3.44E-06	1.59E-03	0.002529	9.58E-04	3.39E-06	1.77E-03	0.002728	9.10E-04	4.30E-06	3.39E-03	4.31E-03

749	490536.72	3860335.12	0.06263	0.04845	0.06076	9.32E-04	3.42E-06	1.58E-03	0.002516	9.53E-04	3.37E-06	1.76E-03	0.002714	9.05E-04	4.27E-06	3.38E-03	4.29E-03
750	490586.72	3860335.12	0.06229	0.04815	0.06044	9.27E-04	3.40E-06	1.57E-03	0.002503	9.47E-04	3.35E-06	1.75E-03	0.0027	9.00E-04	4.25E-06	3.36E-03	4.26E-03
751	490636.72	3860335.12	0.06202	0.04789	0.0602	9.23E-04	3.38E-06	1.57E-03	0.002493	9.43E-04	3.33E-06	1.74E-03	0.002689	8.96E-04	4.23E-06	3.35E-03	4.25E-03
752	490686.72	3860335.12	0.06181	0.04767	0.06001	9.20E-04	3.37E-06	1.56E-03	0.002485	9.40E-04	3.31E-06	1.74E-03	0.00268	8.93E-04	4.21E-06	3.33E-03	4.23E-03
753	490736.72	3860335.12	0.06164	0.04747	0.05987	9.18E-04	3.35E-06	1.56E-03	0.002478	9.37E-04	3.30E-06	1.73E-03	0.002673	8.91E-04	4.19E-06	3.33E-03	4.22E-03
754	490786.72	3860335.12	0.06156	0.04734	0.05981	9.16E-04	3.34E-06	1.56E-03	0.002476	9.36E-04	3.29E-06	1.73E-03	0.00267	8.90E-04	4.18E-06	3.32E-03	4.22E-03
755	490086.72	3860385.12	0.06472	0.05024	0.06264	9.63E-04	3.55E-06	1.63E-03	0.002597	9.84E-04	3.49E-06	1.81E-03	0.0028	9.35E-04	4.43E-06	3.48E-03	4.42E-03
756	490136.72	3860385.12	0.06444	0.05009	0.06243	9.59E-04	3.54E-06	1.62E-03	0.002587	9.80E-04	3.48E-06	1.81E-03	0.00279	9.31E-04	4.42E-06	3.47E-03	4.40E-03
757	490186.72	3860385.12	0.06405	0.04983	0.06208	9.53E-04	3.52E-06	1.62E-03	0.002572	9.74E-04	3.46E-06	1.80E-03	0.002774	9.26E-04	4.40E-06	3.45E-03	4.38E-03
758	490236.72	3860385.12	0.06369	0.04958	0.06176	9.48E-04	3.50E-06	1.61E-03	0.002558	9.69E-04	3.45E-06	1.79E-03	0.002759	9.20E-04	4.37E-06	3.43E-03	4.36E-03
759	490286.72	3860385.12	0.06328	0.04928	0.06138	9.42E-04	3.48E-06	1.60E-03	0.002542	9.62E-04	3.43E-06	1.78E-03	0.002742	9.14E-04	4.35E-06	3.41E-03	4.33E-03
760	490336.72	3860385.12	0.06285	0.04897	0.06098	9.36E-04	3.46E-06	1.59E-03	0.002525	9.56E-04	3.40E-06	1.76E-03	0.002724	9.08E-04	4.32E-06	3.39E-03	4.30E-03
761	490386.72	3860385.12	0.06243	0.04863	0.06058	9.29E-04	3.43E-06	1.58E-03	0.002509	9.49E-04	3.38E-06	1.75E-03	0.002706	9.02E-04	4.29E-06	3.37E-03	4.27E-03
762	490436.72	3860385.12	0.06201	0.0483	0.06019	9.23E-04	3.41E-06	1.57E-03	0.002492	9.43E-04	3.36E-06	1.74E-03	0.002688	8.96E-04	4.26E-06	3.34E-03	4.24E-03
763	490486.72	3860385.12	0.06163	0.04799	0.05984	9.17E-04	3.39E-06	1.56E-03	0.002478	9.37E-04	3.34E-06	1.73E-03	0.002672	8.91E-04	4.23E-06	3.33E-03	4.22E-03
764	490536.72	3860385.12	0.06126	0.04768	0.0595	9.12E-04	3.37E-06	1.55E-03	0.002463	9.32E-04	3.31E-06	1.72E-03	0.002657	8.85E-04	4.21E-06	3.31E-03	4.20E-03
765	490586.72	3860385.12	0.06091	0.04738	0.05918	9.07E-04	3.35E-06	1.54E-03	0.00245	9.26E-04	3.29E-06	1.71E-03	0.002642	8.80E-04	4.18E-06	3.29E-03	4.17E-03
766	490636.72	3860385.12	0.06058	0.04709	0.05887	9.02E-04	3.32E-06	1.53E-03	0.002437	9.21E-04	3.27E-06	1.70E-03	0.002628	8.75E-04	4.15E-06	3.27E-03	4.15E-03
767	490686.72	3860385.12	0.06033	0.04685	0.05865	8.98E-04	3.31E-06	1.53E-03	0.002427	9.18E-04	3.26E-06	1.70E-03	0.002618	8.72E-04	4.13E-06	3.26E-03	4.13E-03
768	490736.72	3860385.12	0.06008	0.0466	0.05842	8.94E-04	3.29E-06	1.52E-03	0.002417	9.14E-04	3.24E-06	1.69E-03	0.002608	8.68E-04	4.11E-06	3.25E-03	4.12E-03
769	490786.72	3860385.12	0.0599	0.0464	0.05826	8.92E-04	3.28E-06	1.52E-03	0.002411	9.11E-04	3.22E-06	1.69E-03	0.0026	8.66E-04	4.09E-06	3.24E-03	4.11E-03
770	490136.72	3860435.12	0.063	0.04914	0.06107	9.38E-04	3.47E-06	1.59E-03	0.00253	9.58E-04	3.42E-06	1.77E-03	0.002729	9.10E-04	4.34E-06	3.39E-03	4.31E-03
771	490186.72	3860435.12	0.0627	0.04897	0.06083	9.33E-04	3.46E-06	1.58E-03	0.002519	9.54E-04	3.40E-06	1.76E-03	0.002717	9.06E-04	4.32E-06	3.38E-03	4.29E-03
772	490236.72	3860435.12	0.06235	0.04875	0.06052	9.28E-04	3.44E-06	1.57E-03	0.002506	9.48E-04	3.39E-06	1.75E-03	0.002703	9.01E-04	4.30E-06	3.36E-03	4.27E-03
773	490286.72	3860435.12	0.06197	0.04848	0.06017	9.22E-04	3.42E-06	1.57E-03	0.002491	9.42E-04	3.37E-06	1.74E-03	0.002687	8.95E-04	4.28E-06	3.34E-03	4.24E-03
774	490336.72	3860435.12	0.06155	0.04817	0.05978	9.16E-04	3.40E-06	1.56E-03	0.002475	9.36E-04	3.35E-06	1.73E-03	0.002669	8.89E-04	4.25E-06	3.32E-03	4.22E-03
775	490386.72	3860435.12	0.06115	0.04787	0.05941	9.10E-04	3.38E-06	1.55E-03	0.002459	9.30E-04	3.33E-06	1.72E-03	0.002653	8.84E-04	4.22E-06	3.30E-03	4.19E-03
776	490436.72	3860435.12	0.06075	0.04756	0.05903	9.04E-04	3.36E-06	1.54E-03	0.002443	9.24E-04	3.31E-06	1.71E-03	0.002635	8.78E-04	4.20E-06	3.28E-03	4.16E-03
777	490486.72	3860435.12	0.06035	0.04724	0.05865	8.98E-04	3.34E-06	1.53E-03	0.002427	9.18E-04	3.28E-06	1.70E-03	0.002618	8.72E-04	4.17E-06	3.26E-03	4.14E-03
778	490536.72	3860435.12	0.05998	0.04694	0.05831	8.93E-04	3.31E-06	1.52E-03	0.002413	9.12E-04	3.26E-06	1.69E-03	0.002603	8.67E-04	4.14E-06	3.24E-03	4.11E-03
779	490586.72	3860435.12	0.0596	0.04663	0.05796	8.87E-04	3.29E-06	1.51E-03	0.002398	9.06E-04	3.24E-06	1.68E-03	0.002587	8.61E-04	4.11E-06	3.22E-03	4.09E-03
780	490636.72	3860435.12	0.05925	0.04632	0.05763	8.82E-04	3.27E-06	1.50E-03	0.002384	9.01E-04	3.22E-06	1.67E-03	0.002572	8.56E-04	4.09E-06	3.20E-03	4.06E-03
781	490686.72	3860435.12	0.05895	0.04606	0.05736	8.77E-04	3.25E-06	1.49E-03	0.002373	8.97E-04	3.20E-06	1.66E-03	0.00256	8.52E-04	4.06E-06	3.19E-03	4.04E-03
782	490736.72	3860435.12	0.0587	0.04583	0.05714	8.74E-04	3.24E-06	1.49E-03	0.002364	8.93E-04	3.19E-06	1.65E-03	0.002549	8.48E-04	4.04E-06	3.18E-03	4.03E-03
783	490786.72	3860435.12	0.05846	0.04559	0.05692	8.70E-04	3.22E-06	1.48E-03	0.002354	8.89E-04	3.17E-06	1.65E-03	0.002539	8.45E-04	4.02E-06	3.16E-03	4.01E-03
784	490136.72	3860485.12	0.06167	0.04826	0.05982	9.18E-04	3.41E-06	1.56E-03	0.002478	9.38E-04	3.35E-06	1.73E-03	0.002672	8.91E-04	4.26E-06	3.32E-03	4.22E-03
785	490186.72	3860485.12	0.06138	0.04811	0.05959	9.14E-04	3.40E-06	1.55E-03	0.002467	9.34E-04	3.34E-06	1.72E-03	0.002661	8.87E-04	4.24E-06	3.31E-03	4.20E-03
786	490236.72	3860485.12	0.06104	0.0479	0.05929	9.09E-04	3.38E-06	1.54E-03	0.002454	9.28E-04	3.33E-06	1.72E-03	0.002647	8.82E-04	4.23E-06	3.29E-03	4.18E-03
787	490286.72	3860485.12	0.06071	0.04769	0.05901	9.04E-04	3.37E-06	1.54E-03	0.002442	9.23E-04	3.31E-06	1.71E-03	0.002634	8.77E-04	4.21E-06	3.28E-03	4.16E-03
788	490336.72	3860485.12	0.06032	0.04741	0.05865	8.98E-04	3.35E-06	1.53E-03	0.002427	9.17E-04	3.30E-06	1.70E-03	0.002618	8.72E-04	4.18E-06	3.26E-03	4.13E-03
789	490386.72	3860485.12	0.05995	0.04714	0.0583	8.92E-04	3.33E-06	1.52E-03	0.002412	9.12E-04	3.28E-06	1.69E-03	0.002602	8.66E-04	4.16E-06	3.24E-03	4.11E-03
790	490436.72	3860485.12	0.0596	0.04688	0.05799	8.87E-04	3.31E-06	1.51E-03	0.002399	9.06E-04	3.26E-06	1.68E-03	0.002588	8.61E-04	4.14E-06	3.22E-03	4.09E-03
791	490486.72	3860485.12	0.05918	0.04656	0.05759	8.81E-04	3.29E-06	1.50E-03	0.002382	9.00E-04	3.24E-06	1.67E-03	0.00257	8.55E-04	4.11E-06	3.20E-03	4.06E-03
792	490536.72	3860485.12	0.05877	0.04623	0.05719	8.75E-04	3.26E-06	1.49E-03	0.002366	8.94E-04	3.21E-06	1.65E-03	0.002552	8.49E-04	4.08E-06	3.18E-03	4.03E-03
793	490586.72	3860485.12	0.05838	0.04591	0.05682	8.69E-04	3.24E-06	1.48E-03	0.00235	8.88E-04	3.19E-06	1.64E-03	0.002535	8.44E-04	4.05E-06	3.16E-03	4.00E-03
794	490636.72	3860485.12	0.05804	0.04562	0.05651	8.64E-04	3.22E-06	1.47E-03	0.002337	8.83E-04	3.17E-06	1.64E-03	0.002521	8.39E-04	4.03E-06	3.14E-03	3.98E-03
795	490686.72	3860485.12	0.05768	0.04532	0.05617	8.59E-04	3.20E-06	1.46E-03	0.002323	8.77E-04	3.15E-06	1.63E-03	0.002506	8.33E-04	4.00E-06	3.12E-03	3.96E-03

796	490736.72	3860485.12	0.05739	0.04507	0.05591	8.54E-04	3.18E-06	1.45E-03	0.002312	8.73E-04	3.13E-06	1.62E-03	0.002494	8.29E-04	3.98E-06	3.11E-03	3.94E-03
797	490786.72	3860485.12	0.05713	0.04482	0.05567	8.50E-04	3.16E-06	1.45E-03	0.002302	8.69E-04	3.12E-06	1.61E-03	0.002483	8.26E-04	3.95E-06	3.09E-03	3.92E-03
798	490136.72	3860535.12	0.06033	0.04734	0.05855	8.98E-04	3.34E-06	1.52E-03	0.002425	9.18E-04	3.29E-06	1.69E-03	0.002615	8.72E-04	4.18E-06	3.25E-03	4.13E-03
799	490186.72	3860535.12	0.06018	0.04731	0.05848	8.96E-04	3.34E-06	1.52E-03	0.002421	9.15E-04	3.29E-06	1.69E-03	0.002611	8.70E-04	4.17E-06	3.25E-03	4.12E-03
800	490236.72	3860535.12	0.05979	0.04707	0.05813	8.90E-04	3.32E-06	1.51E-03	0.002406	9.09E-04	3.27E-06	1.68E-03	0.002595	8.64E-04	4.15E-06	3.23E-03	4.10E-03
801	490286.72	3860535.12	0.05946	0.04686	0.05783	8.85E-04	3.31E-06	1.50E-03	0.002393	9.04E-04	3.26E-06	1.67E-03	0.002581	8.59E-04	4.13E-06	3.21E-03	4.08E-03
802	490336.72	3860535.12	0.05913	0.04665	0.05754	8.80E-04	3.29E-06	1.50E-03	0.00238	8.99E-04	3.24E-06	1.67E-03	0.002568	8.54E-04	4.12E-06	3.20E-03	4.06E-03
803	490386.72	3860535.12	0.05882	0.04644	0.05726	8.76E-04	3.28E-06	1.49E-03	0.002368	8.95E-04	3.23E-06	1.66E-03	0.002555	8.50E-04	4.10E-06	3.18E-03	4.04E-03
804	490436.72	3860535.12	0.05847	0.04619	0.05695	8.70E-04	3.26E-06	1.48E-03	0.002355	8.89E-04	3.21E-06	1.65E-03	0.00254	8.45E-04	4.08E-06	3.16E-03	4.01E-03
805	490486.72	3860535.12	0.0581	0.04592	0.05661	8.65E-04	3.24E-06	1.47E-03	0.002341	8.84E-04	3.19E-06	1.64E-03	0.002525	8.40E-04	4.05E-06	3.15E-03	3.99E-03
806	490536.72	3860535.12	0.05783	0.04571	0.05637	8.61E-04	3.23E-06	1.47E-03	0.002331	8.80E-04	3.18E-06	1.63E-03	0.002514	8.36E-04	4.03E-06	3.13E-03	3.97E-03
807	490586.72	3860535.12	0.05729	0.04527	0.05582	8.53E-04	3.20E-06	1.45E-03	0.002308	8.71E-04	3.15E-06	1.62E-03	0.00249	8.28E-04	3.99E-06	3.10E-03	3.93E-03
808	490636.72	3860535.12	0.05689	0.04495	0.05545	8.47E-04	3.17E-06	1.44E-03	0.002293	8.65E-04	3.12E-06	1.60E-03	0.002473	8.22E-04	3.97E-06	3.08E-03	3.91E-03
809	490686.72	3860535.12	0.05655	0.04466	0.05512	8.42E-04	3.15E-06	1.43E-03	0.002279	8.60E-04	3.10E-06	1.60E-03	0.002458	8.17E-04	3.94E-06	3.06E-03	3.88E-03
810	490736.72	3860535.12	0.0562	0.04437	0.0548	8.37E-04	3.13E-06	1.43E-03	0.002265	8.55E-04	3.08E-06	1.59E-03	0.002444	8.12E-04	3.91E-06	3.05E-03	3.86E-03
811	490786.72	3860535.12	0.05592	0.04412	0.05454	8.32E-04	3.12E-06	1.42E-03	0.002254	8.50E-04	3.07E-06	1.58E-03	0.002432	8.08E-04	3.89E-06	3.03E-03	3.84E-03
812	490136.72	3860585.12	0.0591	0.04649	0.0574	8.80E-04	3.28E-06	1.49E-03	0.002376	8.99E-04	3.23E-06	1.66E-03	0.002563	8.54E-04	4.10E-06	3.19E-03	4.05E-03
813	490186.72	3860585.12	0.05866	0.04622	0.05697	8.73E-04	3.26E-06	1.48E-03	0.002359	8.92E-04	3.21E-06	1.65E-03	0.002544	8.48E-04	4.08E-06	3.17E-03	4.02E-03
814	490236.72	3860585.12	0.05849	0.04617	0.05687	8.71E-04	3.26E-06	1.48E-03	0.002353	8.90E-04	3.21E-06	1.65E-03	0.002538	8.45E-04	4.07E-06	3.16E-03	4.01E-03
815	490286.72	3860585.12	0.05826	0.04606	0.0567	8.67E-04	3.25E-06	1.48E-03	0.002346	8.86E-04	3.20E-06	1.64E-03	0.00253	8.42E-04	4.06E-06	3.15E-03	4.00E-03
816	490336.72	3860585.12	0.05796	0.04588	0.05644	8.63E-04	3.24E-06	1.47E-03	0.002334	8.81E-04	3.19E-06	1.63E-03	0.002518	8.38E-04	4.05E-06	3.14E-03	3.98E-03
817	490386.72	3860585.12	0.05763	0.04566	0.05615	8.58E-04	3.22E-06	1.46E-03	0.002322	8.76E-04	3.17E-06	1.62E-03	0.002504	8.33E-04	4.03E-06	3.12E-03	3.96E-03
818	490436.72	3860585.12	0.05743	0.04555	0.056	8.55E-04	3.22E-06	1.46E-03	0.002315	8.73E-04	3.17E-06	1.62E-03	0.002497	8.30E-04	4.02E-06	3.11E-03	3.95E-03
819	490486.72	3860585.12	0.05718	0.04538	0.0558	8.51E-04	3.20E-06	1.45E-03	0.002306	8.70E-04	3.15E-06	1.61E-03	0.002487	8.26E-04	4.00E-06	3.10E-03	3.93E-03
820	490536.72	3860585.12	0.05677	0.04506	0.0554	8.45E-04	3.18E-06	1.44E-03	0.002289	8.63E-04	3.13E-06	1.60E-03	0.00247	8.20E-04	3.98E-06	3.08E-03	3.90E-03
821	490586.72	3860585.12	0.05618	0.04459	0.05479	8.36E-04	3.15E-06	1.43E-03	0.002265	8.54E-04	3.10E-06	1.59E-03	0.002443	8.12E-04	3.93E-06	3.04E-03	3.86E-03
822	490636.72	3860585.12	0.05582	0.0443	0.05445	8.31E-04	3.13E-06	1.42E-03	0.002251	8.49E-04	3.08E-06	1.58E-03	0.002428	8.07E-04	3.91E-06	3.03E-03	3.84E-03
823	490686.72	3860585.12	0.05546	0.04401	0.05411	8.26E-04	3.11E-06	1.41E-03	0.002236	8.43E-04	3.06E-06	1.57E-03	0.002412	8.01E-04	3.88E-06	3.01E-03	3.81E-03
824	490736.72	3860585.12	0.05512	0.04373	0.05379	8.20E-04	3.09E-06	1.40E-03	0.002223	8.38E-04	3.04E-06	1.56E-03	0.002398	7.96E-04	3.86E-06	2.99E-03	3.79E-03
825	490786.72	3860585.12	0.05478	0.04344	0.05347	8.15E-04	3.07E-06	1.39E-03	0.00221	8.33E-04	3.02E-06	1.55E-03	0.002383	7.92E-04	3.83E-06	2.97E-03	3.77E-03
826	490136.72	3860635.12	0.05796	0.04569	0.05634	8.63E-04	3.23E-06	1.47E-03	0.002332	8.81E-04	3.18E-06	1.63E-03	0.002515	8.38E-04	4.03E-06	3.13E-03	3.97E-03
827	490186.72	3860635.12	0.05764	0.04552	0.05604	8.58E-04	3.21E-06	1.46E-03	0.002319	8.77E-04	3.16E-06	1.62E-03	0.002501	8.33E-04	4.02E-06	3.11E-03	3.95E-03
828	490236.72	3860635.12	0.05728	0.04532	0.05572	8.53E-04	3.20E-06	1.45E-03	0.002305	8.71E-04	3.15E-06	1.61E-03	0.002487	8.28E-04	4.00E-06	3.10E-03	3.93E-03
829	490286.72	3860635.12	0.05703	0.0452	0.05552	8.49E-04	3.19E-06	1.44E-03	0.002296	8.67E-04	3.14E-06	1.61E-03	0.002477	8.24E-04	3.99E-06	3.09E-03	3.91E-03
830	490336.72	3860635.12	0.05679	0.04508	0.05533	8.45E-04	3.18E-06	1.44E-03	0.002288	8.64E-04	3.13E-06	1.60E-03	0.002468	8.21E-04	3.98E-06	3.07E-03	3.90E-03
831	490386.72	3860635.12	0.05652	0.04492	0.05511	8.41E-04	3.17E-06	1.43E-03	0.002278	8.60E-04	3.12E-06	1.59E-03	0.002457	8.17E-04	3.96E-06	3.06E-03	3.88E-03
832	490436.72	3860635.12	0.05621	0.04472	0.05482	8.37E-04	3.16E-06	1.43E-03	0.002266	8.55E-04	3.11E-06	1.59E-03	0.002444	8.12E-04	3.95E-06	3.05E-03	3.86E-03
833	490486.72	3860635.12	0.0559	0.0445	0.05454	8.32E-04	3.14E-06	1.42E-03	0.002254	8.50E-04	3.09E-06	1.58E-03	0.002432	8.08E-04	3.93E-06	3.03E-03	3.84E-03
834	490536.72	3860635.12	0.05562	0.04431	0.0543	8.28E-04	3.13E-06	1.41E-03	0.002244	8.46E-04	3.08E-06	1.57E-03	0.00242	8.04E-04	3.91E-06	3.02E-03	3.82E-03
835	490586.72	3860635.12	0.05519	0.04398	0.05387	8.21E-04	3.11E-06	1.40E-03	0.002226	8.39E-04	3.06E-06	1.56E-03	0.002401	7.98E-04	3.88E-06	2.99E-03	3.79E-03
836	490636.72	3860635.12	0.05484	0.04371	0.05355	8.16E-04	3.09E-06	1.39E-03	0.002213	8.34E-04	3.04E-06	1.55E-03	0.002387	7.92E-04	3.86E-06	2.98E-03	3.77E-03
837	490686.72	3860635.12	0.05447	0.04341	0.05319	8.11E-04	3.07E-06	1.38E-03	0.002198	8.28E-04	3.02E-06	1.54E-03	0.002371	7.87E-04	3.83E-06	2.96E-03	3.75E-03
838	490736.72	3860635.12	0.05408	0.0431	0.05281	8.05E-04	3.04E-06	1.37E-03	0.002182	8.22E-04	3.00E-06	1.53E-03	0.002354	7.81E-04	3.80E-06	2.93E-03	3.72E-03
839	490786.72	3860635.12	0.05374	0.04282	0.0525	8.00E-04	3.02E-06	1.37E-03	0.002169	8.17E-04	2.98E-06	1.52E-03	0.00234	7.77E-04	3.78E-06	2.92E-03	3.70E-03
840	490136.72	3860685.12	0.0566	0.04469	0.05499	8.42E-04	3.16E-06	1.43E-03	0.002276	8.61E-04	3.11E-06	1.59E-03	0.002455	8.18E-04	3.94E-06	3.06E-03	3.88E-03
841	490186.72	3860685.12	0.05664	0.04484	0.05515	8.43E-04	3.17E-06	1.43E-03	0.002281	8.61E-04	3.12E-06	1.60E-03	0.00246	8.18E-04	3.96E-06	3.06E-03	3.89E-03
842	490236.72	3860685.12	0.05626	0.04461	0.05478	8.37E-04	3.15E-06	1.43E-03	0.002266	8.56E-04	3.10E-06	1.59E-03	0.002444	8.13E-04	3.94E-06	3.04E-03	3.86E-03

843	490286.72	3860685.12	0.0558	0.04432	0.05433	8.31E-04	3.13E-06	1.41E-03	0.002247	8.49E-04	3.08E-06	1.57E-03	0.002424	8.06E-04	3.91E-06	3.02E-03	3.83E-03
844	490336.72	3860685.12	0.05566	0.04429	0.05425	8.28E-04	3.13E-06	1.41E-03	0.002243	8.47E-04	3.08E-06	1.57E-03	0.002419	8.04E-04	3.91E-06	3.01E-03	3.82E-03
845	490386.72	3860685.12	0.05542	0.04417	0.05406	8.25E-04	3.12E-06	1.41E-03	0.002234	8.43E-04	3.07E-06	1.56E-03	0.00241	8.01E-04	3.90E-06	3.00E-03	3.81E-03
846	490436.72	3860685.12	0.05511	0.04397	0.05378	8.20E-04	3.10E-06	1.40E-03	0.002223	8.38E-04	3.06E-06	1.56E-03	0.002397	7.96E-04	3.88E-06	2.99E-03	3.79E-03
847	490486.72	3860685.12	0.05477	0.04374	0.05347	8.15E-04	3.09E-06	1.39E-03	0.002209	8.33E-04	3.04E-06	1.55E-03	0.002383	7.91E-04	3.86E-06	2.97E-03	3.77E-03
848	490536.72	3860685.12	0.05448	0.04355	0.0532	8.11E-04	3.07E-06	1.38E-03	0.002198	8.29E-04	3.03E-06	1.54E-03	0.002371	7.87E-04	3.84E-06	2.96E-03	3.75E-03
849	490586.72	3860685.12	0.05416	0.04332	0.05291	8.06E-04	3.06E-06	1.38E-03	0.002186	8.24E-04	3.01E-06	1.53E-03	0.002358	7.83E-04	3.82E-06	2.94E-03	3.73E-03
850	490636.72	3860685.12	0.05385	0.04309	0.05262	8.02E-04	3.04E-06	1.37E-03	0.002174	8.19E-04	2.99E-06	1.52E-03	0.002345	7.78E-04	3.80E-06	2.92E-03	3.71E-03
851	490686.72	3860685.12	0.05354	0.04285	0.05234	7.97E-04	3.03E-06	1.36E-03	0.002162	8.14E-04	2.98E-06	1.51E-03	0.002332	7.74E-04	3.78E-06	2.91E-03	3.69E-03
852	490736.72	3860685.12	0.05316	0.04255	0.05197	7.91E-04	3.00E-06	1.35E-03	0.002146	8.08E-04	2.96E-06	1.50E-03	0.002315	7.68E-04	3.75E-06	2.89E-03	3.66E-03
853	490786.72	3860685.12	0.05287	0.04231	0.05171	7.87E-04	2.99E-06	1.35E-03	0.002135	8.04E-04	2.94E-06	1.50E-03	0.002303	7.64E-04	3.73E-06	2.87E-03	3.64E-03
854	490136.72	3860735.12	0.05506	0.04353	0.05344	8.20E-04	3.07E-06	1.39E-03	0.002213	8.37E-04	3.03E-06	1.55E-03	0.002387	7.96E-04	3.84E-06	2.97E-03	3.77E-03
855	490186.72	3860735.12	0.05491	0.04351	0.05335	8.17E-04	3.07E-06	1.39E-03	0.002208	8.35E-04	3.02E-06	1.54E-03	0.002382	7.93E-04	3.84E-06	2.96E-03	3.76E-03
856	490236.72	3860735.12	0.05478	0.0435	0.05328	8.15E-04	3.07E-06	1.39E-03	0.002205	8.33E-04	3.02E-06	1.54E-03	0.002378	7.92E-04	3.84E-06	2.96E-03	3.76E-03
857	490286.72	3860735.12	0.05464	0.04348	0.05321	8.13E-04	3.07E-06	1.38E-03	0.002201	8.31E-04	3.02E-06	1.54E-03	0.002374	7.90E-04	3.84E-06	2.96E-03	3.75E-03
858	490336.72	3860735.12	0.05446	0.04342	0.05308	8.11E-04	3.07E-06	1.38E-03	0.002195	8.28E-04	3.02E-06	1.54E-03	0.002367	7.87E-04	3.83E-06	2.95E-03	3.74E-03
859	490386.72	3860735.12	0.0543	0.04337	0.05298	8.08E-04	3.06E-06	1.38E-03	0.00219	8.26E-04	3.01E-06	1.53E-03	0.002362	7.85E-04	3.83E-06	2.94E-03	3.73E-03
860	490436.72	3860735.12	0.05419	0.04335	0.05293	8.07E-04	3.06E-06	1.38E-03	0.002187	8.24E-04	3.01E-06	1.53E-03	0.002359	7.83E-04	3.82E-06	2.94E-03	3.73E-03
861	490486.72	3860735.12	0.05385	0.04313	0.05262	8.02E-04	3.05E-06	1.37E-03	0.002174	8.19E-04	3.00E-06	1.52E-03	0.002345	7.78E-04	3.81E-06	2.92E-03	3.71E-03
862	490536.72	3860735.12	0.05343	0.04284	0.05221	7.95E-04	3.02E-06	1.36E-03	0.002157	8.13E-04	2.98E-06	1.51E-03	0.002326	7.72E-04	3.78E-06	2.90E-03	3.68E-03
863	490586.72	3860735.12	0.05311	0.04262	0.05192	7.91E-04	3.01E-06	1.35E-03	0.002144	8.08E-04	2.96E-06	1.50E-03	0.002313	7.67E-04	3.76E-06	2.88E-03	3.66E-03
864	490636.72	3860735.12	0.05281	0.0424	0.05163	7.86E-04	2.99E-06	1.34E-03	0.002132	8.03E-04	2.95E-06	1.49E-03	0.0023	7.63E-04	3.74E-06	2.87E-03	3.64E-03
865	490686.72	3860735.12	0.05255	0.04221	0.0514	7.82E-04	2.98E-06	1.34E-03	0.002122	7.99E-04	2.93E-06	1.49E-03	0.00229	7.59E-04	3.72E-06	2.86E-03	3.62E-03
866	490736.72	3860735.12	0.05228	0.042	0.05116	7.78E-04	2.97E-06	1.33E-03	0.002112	7.95E-04	2.92E-06	1.48E-03	0.002278	7.55E-04	3.71E-06	2.84E-03	3.60E-03
867	490136.72	3860785.12	0.05364	0.04247	0.05202	7.98E-04	3.00E-06	1.35E-03	0.002155	8.16E-04	2.95E-06	1.51E-03	0.002324	7.75E-04	3.75E-06	2.89E-03	3.67E-03
868	490186.72	3860785.12	0.05359	0.04253	0.05204	7.98E-04	3.00E-06	1.35E-03	0.002155	8.15E-04	2.96E-06	1.51E-03	0.002324	7.74E-04	3.75E-06	2.89E-03	3.67E-03
869	490236.72	3860785.12	0.0535	0.04255	0.05202	7.96E-04	3.00E-06	1.35E-03	0.002153	8.14E-04	2.96E-06	1.51E-03	0.002322	7.73E-04	3.75E-06	2.89E-03	3.67E-03
870	490286.72	3860785.12	0.0534	0.04256	0.05198	7.95E-04	3.01E-06	1.35E-03	0.00215	8.12E-04	2.96E-06	1.50E-03	0.002319	7.72E-04	3.76E-06	2.89E-03	3.66E-03
871	490336.72	3860785.12	0.05326	0.04253	0.0519	7.93E-04	3.00E-06	1.35E-03	0.002146	8.10E-04	2.96E-06	1.50E-03	0.002315	7.70E-04	3.75E-06	2.88E-03	3.66E-03
872	490386.72	3860785.12	0.05318	0.04255	0.05188	7.92E-04	3.00E-06	1.35E-03	0.002144	8.09E-04	2.96E-06	1.50E-03	0.002313	7.68E-04	3.75E-06	2.88E-03	3.65E-03
873	490436.72	3860785.12	0.05298	0.04246	0.05173	7.89E-04	3.00E-06	1.35E-03	0.002137	8.06E-04	2.95E-06	1.50E-03	0.002306	7.66E-04	3.75E-06	2.87E-03	3.64E-03
874	490486.72	3860785.12	0.05283	0.04241	0.05163	7.86E-04	2.99E-06	1.34E-03	0.002133	8.03E-04	2.95E-06	1.49E-03	0.0023	7.63E-04	3.74E-06	2.87E-03	3.64E-03
875	490536.72	3860785.12	0.05251	0.04221	0.05135	7.82E-04	2.98E-06	1.34E-03	0.00212	7.99E-04	2.93E-06	1.49E-03	0.002287	7.59E-04	3.72E-06	2.85E-03	3.62E-03
876	490586.72	3860785.12	0.05212	0.04194	0.05097	7.76E-04	2.96E-06	1.33E-03	0.002105	7.93E-04	2.91E-06	1.47E-03	0.002271	7.53E-04	3.70E-06	2.83E-03	3.59E-03
877	490636.72	3860785.12	0.05181	0.04172	0.05068	7.71E-04	2.95E-06	1.32E-03	0.002093	7.88E-04	2.90E-06	1.47E-03	0.002257	7.49E-04	3.68E-06	2.82E-03	3.57E-03
878	490686.72	3860785.12	0.05154	0.04153	0.05044	7.67E-04	2.93E-06	1.31E-03	0.002082	7.84E-04	2.89E-06	1.46E-03	0.002246	7.45E-04	3.66E-06	2.80E-03	3.55E-03
879	490736.72	3860785.12	0.0513	0.04136	0.05023	7.64E-04	2.92E-06	1.31E-03	0.002073	7.80E-04	2.87E-06	1.45E-03	0.002237	7.41E-04	3.65E-06	2.79E-03	3.54E-03
880	490086.72	3860835.12	0.05234	0.04143	0.05068	7.79E-04	2.93E-06	1.32E-03	0.0021	7.96E-04	2.88E-06	1.47E-03	0.002265	7.56E-04	3.66E-06	2.82E-03	3.58E-03
881	490136.72	3860835.12	0.0524	0.04156	0.05081	7.80E-04	2.93E-06	1.32E-03	0.002105	7.97E-04	2.89E-06	1.47E-03	0.00227	7.57E-04	3.67E-06	2.82E-03	3.58E-03
882	490186.72	3860835.12	0.05234	0.04159	0.05081	7.79E-04	2.94E-06	1.32E-03	0.002104	7.96E-04	2.89E-06	1.47E-03	0.002269	7.56E-04	3.67E-06	2.82E-03	3.58E-03
883	490236.72	3860835.12	0.05227	0.04163	0.0508	7.78E-04	2.94E-06	1.32E-03	0.002103	7.95E-04	2.89E-06	1.47E-03	0.002268	7.55E-04	3.67E-06	2.82E-03	3.58E-03
884	490286.72	3860835.12	0.05222	0.04167	0.05081	7.77E-04	2.94E-06	1.32E-03	0.002102	7.94E-04	2.90E-06	1.47E-03	0.002267	7.55E-04	3.68E-06	2.82E-03	3.58E-03
885	490336.72	3860835.12	0.05209	0.04166	0.05075	7.75E-04	2.94E-06	1.32E-03	0.002099	7.92E-04	2.90E-06	1.47E-03	0.002264	7.53E-04	3.68E-06	2.82E-03	3.58E-03
886	490386.72	3860835.12	0.05196	0.04165	0.05068	7.73E-04	2.94E-06	1.32E-03	0.002095	7.90E-04	2.89E-06	1.47E-03	0.00226	7.51E-04	3.67E-06	2.82E-03	3.57E-03
887	490436.72	3860835.12	0.05186	0.04164	0.05063	7.72E-04	2.94E-06	1.32E-03	0.002092	7.89E-04	2.89E-06	1.47E-03	0.002257	7.49E-04	3.67E-06	2.81E-03	3.57E-03
888	490486.72	3860835.12	0.0517	0.04159	0.05053	7.70E-04	2.94E-06	1.31E-03	0.002087	7.86E-04	2.89E-06	1.46E-03	0.002251	7.47E-04	3.67E-06	2.81E-03	3.56E-03
889	490536.72	3860835.12	0.05148	0.04147	0.05035	7.66E-04	2.93E-06	1.31E-03	0.002079	7.83E-04	2.88E-06	1.46E-03	0.002243	7.44E-04	3.66E-06	2.80E-03	3.55E-03

890	490586.72	3860835.12	0.05119	0.04129	0.05009	7.62E-04	2.92E-06	1.30E-03	0.002068	7.79E-04	2.87E-06	1.45E-03	0.002231	7.40E-04	3.64E-06	2.78E-03	3.53E-03
891	490636.72	3860835.12	0.05088	0.04109	0.0498	7.57E-04	2.90E-06	1.30E-03	0.002056	7.74E-04	2.86E-06	1.44E-03	0.002218	7.35E-04	3.63E-06	2.77E-03	3.51E-03
892	490686.72	3860835.12	0.05062	0.04091	0.04956	7.53E-04	2.89E-06	1.29E-03	0.002046	7.70E-04	2.84E-06	1.43E-03	0.002207	7.31E-04	3.61E-06	2.75E-03	3.49E-03
893	490736.72	3860835.12	0.05039	0.04075	0.04937	7.50E-04	2.88E-06	1.28E-03	0.002037	7.66E-04	2.83E-06	1.43E-03	0.002198	7.28E-04	3.60E-06	2.74E-03	3.48E-03
894	490086.72	3860885.12	0.05113	0.04054	0.04948	7.61E-04	2.86E-06	1.29E-03	0.002051	7.78E-04	2.82E-06	1.43E-03	0.002212	7.39E-04	3.58E-06	2.75E-03	3.49E-03
895	490136.72	3860885.12	0.05115	0.04063	0.04957	7.61E-04	2.87E-06	1.29E-03	0.002054	7.78E-04	2.82E-06	1.43E-03	0.002215	7.39E-04	3.58E-06	2.75E-03	3.50E-03
896	490186.72	3860885.12	0.05113	0.04069	0.04961	7.61E-04	2.87E-06	1.29E-03	0.002055	7.78E-04	2.83E-06	1.44E-03	0.002216	7.39E-04	3.59E-06	2.76E-03	3.50E-03
897	490236.72	3860885.12	0.0511	0.04075	0.04965	7.61E-04	2.88E-06	1.29E-03	0.002055	7.77E-04	2.83E-06	1.44E-03	0.002217	7.38E-04	3.60E-06	2.76E-03	3.50E-03
898	490286.72	3860885.12	0.05104	0.04079	0.04966	7.60E-04	2.88E-06	1.29E-03	0.002055	7.76E-04	2.84E-06	1.44E-03	0.002216	7.38E-04	3.60E-06	2.76E-03	3.50E-03
899	490336.72	3860885.12	0.05095	0.0408	0.04962	7.58E-04	2.88E-06	1.29E-03	0.002052	7.75E-04	2.84E-06	1.44E-03	0.002214	7.36E-04	3.60E-06	2.76E-03	3.50E-03
900	490386.72	3860885.12	0.05088	0.04083	0.04961	7.57E-04	2.88E-06	1.29E-03	0.002051	7.74E-04	2.84E-06	1.44E-03	0.002212	7.35E-04	3.60E-06	2.76E-03	3.50E-03
901	490436.72	3860885.12	0.0508	0.04085	0.04959	7.56E-04	2.88E-06	1.29E-03	0.002049	7.73E-04	2.84E-06	1.44E-03	0.00221	7.34E-04	3.60E-06	2.76E-03	3.49E-03
902	490486.72	3860885.12	0.05066	0.04081	0.0495	7.54E-04	2.88E-06	1.29E-03	0.002045	7.70E-04	2.84E-06	1.43E-03	0.002206	7.32E-04	3.60E-06	2.75E-03	3.49E-03
903	490536.72	3860885.12	0.05047	0.04073	0.04936	7.51E-04	2.88E-06	1.28E-03	0.002038	7.68E-04	2.83E-06	1.43E-03	0.002199	7.29E-04	3.59E-06	2.74E-03	3.48E-03
904	490586.72	3860885.12	0.05023	0.0406	0.04916	7.48E-04	2.87E-06	1.28E-03	0.002029	7.64E-04	2.82E-06	1.42E-03	0.002189	7.26E-04	3.58E-06	2.73E-03	3.46E-03
905	490636.72	3860885.12	0.04996	0.04044	0.04892	7.44E-04	2.86E-06	1.27E-03	0.002019	7.60E-04	2.81E-06	1.42E-03	0.002178	7.22E-04	3.57E-06	2.72E-03	3.44E-03
906	490686.72	3860885.12	0.0497	0.04027	0.04869	7.40E-04	2.84E-06	1.27E-03	0.002009	7.56E-04	2.80E-06	1.41E-03	0.002168	7.18E-04	3.55E-06	2.71E-03	3.43E-03
907	490736.72	3860885.12	0.04944	0.0401	0.04846	7.36E-04	2.83E-06	1.26E-03	0.001999	7.52E-04	2.79E-06	1.40E-03	0.002157	7.14E-04	3.54E-06	2.69E-03	3.41E-03
908	490086.72	3860935.12	0.04987	0.03962	0.04824	7.42E-04	2.80E-06	1.26E-03	0.002	7.58E-04	2.75E-06	1.40E-03	0.002157	7.21E-04	3.50E-06	2.68E-03	3.40E-03
909	490136.72	3860935.12	0.04985	0.03967	0.04828	7.42E-04	2.80E-06	1.26E-03	0.002001	7.58E-04	2.76E-06	1.40E-03	0.002158	7.20E-04	3.50E-06	2.68E-03	3.41E-03
910	490186.72	3860935.12	0.0499	0.03977	0.04839	7.43E-04	2.81E-06	1.26E-03	0.002004	7.59E-04	2.76E-06	1.40E-03	0.002162	7.21E-04	3.51E-06	2.69E-03	3.41E-03
911	490236.72	3860935.12	0.04991	0.03986	0.04847	7.43E-04	2.81E-06	1.26E-03	0.002007	7.59E-04	2.77E-06	1.40E-03	0.002164	7.21E-04	3.52E-06	2.69E-03	3.42E-03
912	490286.72	3860935.12	0.04991	0.03994	0.04854	7.43E-04	2.82E-06	1.26E-03	0.002009	7.59E-04	2.78E-06	1.40E-03	0.002166	7.21E-04	3.52E-06	2.70E-03	3.42E-03
913	490336.72	3860935.12	0.04984	0.03996	0.04852	7.42E-04	2.82E-06	1.26E-03	0.002007	7.58E-04	2.78E-06	1.40E-03	0.002165	7.20E-04	3.53E-06	2.70E-03	3.42E-03
914	490386.72	3860935.12	0.04981	0.04002	0.04856	7.41E-04	2.83E-06	1.26E-03	0.002008	7.58E-04	2.78E-06	1.41E-03	0.002166	7.20E-04	3.53E-06	2.70E-03	3.42E-03
915	490436.72	3860935.12	0.04975	0.04006	0.04856	7.41E-04	2.83E-06	1.26E-03	0.002007	7.57E-04	2.78E-06	1.41E-03	0.002165	7.19E-04	3.53E-06	2.70E-03	3.42E-03
916	490486.72	3860935.12	0.04963	0.04004	0.04849	7.39E-04	2.83E-06	1.26E-03	0.002003	7.55E-04	2.78E-06	1.40E-03	0.002161	7.17E-04	3.53E-06	2.69E-03	3.42E-03
917	490536.72	3860935.12	0.04949	0.04	0.0484	7.37E-04	2.82E-06	1.26E-03	0.001999	7.53E-04	2.78E-06	1.40E-03	0.002156	7.15E-04	3.53E-06	2.69E-03	3.41E-03
918	490586.72	3860935.12	0.04928	0.03991	0.04824	7.34E-04	2.82E-06	1.26E-03	0.001991	7.49E-04	2.77E-06	1.40E-03	0.002148	7.12E-04	3.52E-06	2.68E-03	3.40E-03
919	490636.72	3860935.12	0.04905	0.03978	0.04804	7.30E-04	2.81E-06	1.25E-03	0.001983	7.46E-04	2.76E-06	1.39E-03	0.002139	7.09E-04	3.51E-06	2.67E-03	3.38E-03
920	490686.72	3860935.12	0.04882	0.03965	0.04784	7.27E-04	2.80E-06	1.24E-03	0.001974	7.42E-04	2.76E-06	1.38E-03	0.00213	7.05E-04	3.50E-06	2.66E-03	3.37E-03
921	490736.72	3860935.12	0.04857	0.03949	0.04762	7.23E-04	2.79E-06	1.24E-03	0.001965	7.39E-04	2.74E-06	1.38E-03	0.002119	7.02E-04	3.48E-06	2.65E-03	3.35E-03
922	490786.72	3860935.12	0.04832	0.03931	0.04739	7.19E-04	2.78E-06	1.23E-03	0.001955	7.35E-04	2.73E-06	1.37E-03	0.002109	6.98E-04	3.47E-06	2.63E-03	3.33E-03
923	490836.72	3860935.12	0.0481	0.03917	0.0472	7.16E-04	2.77E-06	1.23E-03	0.001947	7.32E-04	2.72E-06	1.37E-03	0.0021	6.95E-04	3.46E-06	2.62E-03	3.32E-03
924	490086.72	3860985.12	0.04869	0.03876	0.04708	7.25E-04	2.74E-06	1.22E-03	0.001952	7.41E-04	2.69E-06	1.36E-03	0.002106	7.04E-04	3.42E-06	2.62E-03	3.32E-03
925	490136.72	3860985.12	0.04873	0.03884	0.04718	7.25E-04	2.74E-06	1.23E-03	0.001956	7.41E-04	2.70E-06	1.37E-03	0.002109	7.04E-04	3.43E-06	2.62E-03	3.33E-03
926	490186.72	3860985.12	0.04879	0.03895	0.04731	7.26E-04	2.75E-06	1.23E-03	0.00196	7.42E-04	2.71E-06	1.37E-03	0.002114	7.05E-04	3.44E-06	2.63E-03	3.34E-03
927	490236.72	3860985.12	0.04877	0.039	0.04734	7.26E-04	2.75E-06	1.23E-03	0.00196	7.42E-04	2.71E-06	1.37E-03	0.002114	7.05E-04	3.44E-06	2.63E-03	3.34E-03
928	490286.72	3860985.12	0.04876	0.03907	0.04739	7.26E-04	2.76E-06	1.23E-03	0.001961	7.42E-04	2.72E-06	1.37E-03	0.002116	7.05E-04	3.45E-06	2.63E-03	3.34E-03
929	490336.72	3860985.12	0.04874	0.03913	0.04744	7.25E-04	2.76E-06	1.23E-03	0.001962	7.41E-04	2.72E-06	1.37E-03	0.002117	7.04E-04	3.45E-06	2.64E-03	3.34E-03
930	490386.72	3860985.12	0.04872	0.0392	0.04748	7.25E-04	2.77E-06	1.24E-03	0.001963	7.41E-04	2.72E-06	1.37E-03	0.002118	7.04E-04	3.46E-06	2.64E-03	3.35E-03
931	490436.72	3860985.12	0.04872	0.03928	0.04755	7.25E-04	2.77E-06	1.24E-03	0.001965	7.41E-04	2.73E-06	1.38E-03	0.00212	7.04E-04	3.47E-06	2.64E-03	3.35E-03
932	490486.72	3860985.12	0.04863	0.03928	0.0475	7.24E-04	2.77E-06	1.24E-03	0.001962	7.40E-04	2.73E-06	1.37E-03	0.002117	7.03E-04	3.47E-06	2.64E-03	3.35E-03
933	490536.72	3860985.12	0.04849	0.03925	0.04741	7.22E-04	2.77E-06	1.23E-03	0.001958	7.37E-04	2.73E-06	1.37E-03	0.002112	7.01E-04	3.46E-06	2.63E-03	3.34E-03
934	490586.72	3860985.12	0.04833	0.03919	0.0473	7.19E-04	2.77E-06	1.23E-03	0.001953	7.35E-04	2.72E-06	1.37E-03	0.002106	6.98E-04	3.46E-06	2.63E-03	3.33E-03
935	490636.72	3860985.12	0.04816	0.03913	0.04718	7.17E-04	2.76E-06	1.23E-03	0.001947	7.32E-04	2.72E-06	1.37E-03	0.0021	6.96E-04	3.45E-06	2.62E-03	3.32E-03
936	490686.72	3860985.12	0.04795	0.03901	0.047	7.14E-04	2.75E-06	1.22E-03	0.001939	7.29E-04	2.71E-06	1.36E-03	0.002092	6.93E-04	3.44E-06	2.61E-03	3.31E-03

937	490736.72	3860985.12	0.04771	0.03887	0.04679	7.10E-04	2.74E-06	1.22E-03	0.00193	7.26E-04	2.70E-06	1.35E-03	0.002082	6.89E-04	3.43E-06	2.60E-03	3.29E-03
938	490786.72	3860985.12	0.04748	0.03872	0.04659	7.07E-04	2.73E-06	1.21E-03	0.001922	7.22E-04	2.69E-06	1.35E-03	0.002073	6.86E-04	3.42E-06	2.59E-03	3.28E-03
939	490836.72	3860985.12	0.04727	0.03859	0.04641	7.04E-04	2.72E-06	1.21E-03	0.001914	7.19E-04	2.68E-06	1.34E-03	0.002065	6.83E-04	3.40E-06	2.58E-03	3.27E-03
940	490086.72	3861035.12	0.04754	0.03792	0.04594	7.08E-04	2.68E-06	1.20E-03	0.001905	7.23E-04	2.64E-06	1.33E-03	0.002055	6.87E-04	3.35E-06	2.55E-03	3.24E-03
941	490136.72	3861035.12	0.0476	0.03801	0.04606	7.09E-04	2.68E-06	1.20E-03	0.001909	7.24E-04	2.64E-06	1.33E-03	0.002059	6.88E-04	3.35E-06	2.56E-03	3.25E-03
942	490186.72	3861035.12	0.04764	0.03809	0.04616	7.09E-04	2.69E-06	1.20E-03	0.001913	7.25E-04	2.65E-06	1.34E-03	0.002063	6.88E-04	3.36E-06	2.56E-03	3.26E-03
943	490236.72	3861035.12	0.04768	0.03819	0.04627	7.10E-04	2.70E-06	1.20E-03	0.001916	7.25E-04	2.65E-06	1.34E-03	0.002067	6.89E-04	3.37E-06	2.57E-03	3.26E-03
944	490286.72	3861035.12	0.04766	0.03824	0.04631	7.09E-04	2.70E-06	1.20E-03	0.001917	7.25E-04	2.66E-06	1.34E-03	0.002068	6.89E-04	3.37E-06	2.57E-03	3.27E-03
945	490336.72	3861035.12	0.04765	0.0383	0.04635	7.09E-04	2.70E-06	1.21E-03	0.001918	7.25E-04	2.66E-06	1.34E-03	0.002069	6.89E-04	3.38E-06	2.58E-03	3.27E-03
946	490386.72	3861035.12	0.04769	0.03841	0.04645	7.10E-04	2.71E-06	1.21E-03	0.001921	7.25E-04	2.67E-06	1.34E-03	0.002072	6.89E-04	3.39E-06	2.58E-03	3.27E-03
947	490436.72	3861035.12	0.04771	0.0385	0.04654	7.10E-04	2.72E-06	1.21E-03	0.001924	7.26E-04	2.68E-06	1.35E-03	0.002075	6.89E-04	3.40E-06	2.59E-03	3.28E-03
948	490486.72	3861035.12	0.04765	0.03853	0.04653	7.09E-04	2.72E-06	1.21E-03	0.001923	7.25E-04	2.68E-06	1.35E-03	0.002074	6.89E-04	3.40E-06	2.59E-03	3.28E-03
949	490536.72	3861035.12	0.04754	0.03852	0.04648	7.08E-04	2.72E-06	1.21E-03	0.00192	7.23E-04	2.68E-06	1.35E-03	0.002071	6.87E-04	3.40E-06	2.58E-03	3.27E-03
950	490586.72	3861035.12	0.04741	0.03849	0.04639	7.06E-04	2.72E-06	1.21E-03	0.001915	7.21E-04	2.68E-06	1.34E-03	0.002066	6.85E-04	3.40E-06	2.58E-03	3.27E-03
951	490636.72	3861035.12	0.04724	0.03843	0.04628	7.03E-04	2.71E-06	1.20E-03	0.00191	7.18E-04	2.67E-06	1.34E-03	0.00206	6.83E-04	3.39E-06	2.57E-03	3.26E-03
952	490686.72	3861035.12	0.04706	0.03835	0.04613	7.00E-04	2.71E-06	1.20E-03	0.001903	7.16E-04	2.67E-06	1.33E-03	0.002053	6.80E-04	3.38E-06	2.56E-03	3.25E-03
953	490736.72	3861035.12	0.04686	0.03824	0.04597	6.98E-04	2.70E-06	1.20E-03	0.001896	7.13E-04	2.66E-06	1.33E-03	0.002046	6.77E-04	3.37E-06	2.55E-03	3.23E-03
954	490786.72	3861035.12	0.04667	0.03813	0.04581	6.95E-04	2.69E-06	1.19E-03	0.001889	7.10E-04	2.65E-06	1.33E-03	0.002038	6.74E-04	3.36E-06	2.55E-03	3.22E-03
955	490836.72	3861035.12	0.04647	0.03801	0.04563	6.92E-04	2.68E-06	1.19E-03	0.001881	7.07E-04	2.64E-06	1.32E-03	0.00203	6.71E-04	3.35E-06	2.54E-03	3.21E-03
956	490086.72	3861085.12	0.04643	0.03711	0.04485	6.91E-04	2.62E-06	1.17E-03	0.001861	7.06E-04	2.58E-06	1.30E-03	0.002007	6.71E-04	3.27E-06	2.49E-03	3.17E-03
957	490136.72	3861085.12	0.04654	0.03723	0.04501	6.93E-04	2.63E-06	1.17E-03	0.001866	7.08E-04	2.59E-06	1.30E-03	0.002013	6.73E-04	3.28E-06	2.50E-03	3.18E-03
958	490186.72	3861085.12	0.04665	0.03737	0.04519	6.94E-04	2.64E-06	1.18E-03	0.001873	7.09E-04	2.60E-06	1.31E-03	0.00202	6.74E-04	3.30E-06	2.51E-03	3.19E-03
959	490236.72	3861085.12	0.04664	0.03741	0.04524	6.94E-04	2.64E-06	1.18E-03	0.001874	7.09E-04	2.60E-06	1.31E-03	0.002021	6.74E-04	3.30E-06	2.51E-03	3.19E-03
960	490286.72	3861085.12	0.04664	0.03747	0.0453	6.94E-04	2.65E-06	1.18E-03	0.001875	7.09E-04	2.60E-06	1.31E-03	0.002023	6.74E-04	3.31E-06	2.52E-03	3.19E-03
961	490336.72	3861085.12	0.04663	0.03753	0.04534	6.94E-04	2.65E-06	1.18E-03	0.001876	7.09E-04	2.61E-06	1.31E-03	0.002024	6.74E-04	3.31E-06	2.52E-03	3.20E-03
962	490386.72	3861085.12	0.04667	0.03763	0.04545	6.95E-04	2.66E-06	1.18E-03	0.00188	7.10E-04	2.62E-06	1.32E-03	0.002028	6.74E-04	3.32E-06	2.53E-03	3.20E-03
963	490436.72	3861085.12	0.04667	0.0377	0.0455	6.95E-04	2.66E-06	1.18E-03	0.001881	7.10E-04	2.62E-06	1.32E-03	0.002029	6.74E-04	3.33E-06	2.53E-03	3.21E-03
964	490486.72	3861085.12	0.04664	0.03775	0.04553	6.94E-04	2.67E-06	1.18E-03	0.001881	7.09E-04	2.62E-06	1.32E-03	0.002029	6.74E-04	3.33E-06	2.53E-03	3.21E-03
965	490536.72	3861085.12	0.04661	0.03781	0.04556	6.94E-04	2.67E-06	1.19E-03	0.001882	7.09E-04	2.63E-06	1.32E-03	0.00203	6.74E-04	3.34E-06	2.53E-03	3.21E-03
966	490586.72	3861085.12	0.0465	0.03779	0.04549	6.92E-04	2.67E-06	1.18E-03	0.001878	7.07E-04	2.63E-06	1.32E-03	0.002026	6.72E-04	3.33E-06	2.53E-03	3.20E-03
967	490636.72	3861085.12	0.04633	0.03773	0.04537	6.90E-04	2.66E-06	1.18E-03	0.001873	7.05E-04	2.62E-06	1.31E-03	0.00202	6.69E-04	3.33E-06	2.52E-03	3.19E-03
968	490686.72	3861085.12	0.04617	0.03767	0.04526	6.87E-04	2.66E-06	1.18E-03	0.001867	7.02E-04	2.62E-06	1.31E-03	0.002015	6.67E-04	3.32E-06	2.51E-03	3.19E-03
969	490736.72	3861085.12	0.04602	0.03761	0.04515	6.85E-04	2.66E-06	1.17E-03	0.001862	7.00E-04	2.61E-06	1.31E-03	0.002009	6.65E-04	3.32E-06	2.51E-03	3.18E-03
970	490786.72	3861085.12	0.04585	0.03753	0.04501	6.82E-04	2.65E-06	1.17E-03	0.001856	6.97E-04	2.61E-06	1.30E-03	0.002002	6.63E-04	3.31E-06	2.50E-03	3.17E-03
971	490836.72	3861085.12	0.04566	0.03743	0.04486	6.80E-04	2.64E-06	1.17E-03	0.001849	6.94E-04	2.60E-06	1.30E-03	0.001995	6.60E-04	3.30E-06	2.49E-03	3.16E-03
972	490086.72	3861135.12	0.04535	0.03632	0.04378	6.75E-04	2.56E-06	1.14E-03	0.001817	6.90E-04	2.52E-06	1.27E-03	0.001959	6.55E-04	3.20E-06	2.43E-03	3.09E-03
973	490136.72	3861135.12	0.04545	0.03643	0.04393	6.77E-04	2.57E-06	1.14E-03	0.001822	6.91E-04	2.53E-06	1.27E-03	0.001965	6.57E-04	3.21E-06	2.44E-03	3.10E-03
974	490186.72	3861135.12	0.04555	0.03655	0.04409	6.78E-04	2.58E-06	1.15E-03	0.001828	6.93E-04	2.54E-06	1.28E-03	0.001971	6.58E-04	3.22E-06	2.45E-03	3.11E-03
975	490236.72	3861135.12	0.04562	0.03665	0.04422	6.79E-04	2.59E-06	1.15E-03	0.001832	6.94E-04	2.55E-06	1.28E-03	0.001976	6.59E-04	3.23E-06	2.46E-03	3.12E-03
976	490286.72	3861135.12	0.04565	0.03673	0.04431	6.79E-04	2.59E-06	1.15E-03	0.001835	6.94E-04	2.55E-06	1.28E-03	0.001979	6.60E-04	3.24E-06	2.46E-03	3.13E-03
977	490336.72	3861135.12	0.04565	0.03679	0.04437	6.79E-04	2.60E-06	1.15E-03	0.001836	6.94E-04	2.56E-06	1.28E-03	0.001981	6.60E-04	3.25E-06	2.47E-03	3.13E-03
978	490386.72	3861135.12	0.04568	0.03687	0.04445	6.80E-04	2.60E-06	1.16E-03	0.001839	6.95E-04	2.56E-06	1.29E-03	0.001984	6.60E-04	3.25E-06	2.47E-03	3.13E-03
979	490436.72	3861135.12	0.04567	0.03694	0.04451	6.80E-04	2.61E-06	1.16E-03	0.00184	6.95E-04	2.57E-06	1.29E-03	0.001985	6.60E-04	3.26E-06	2.47E-03	3.14E-03
980	490486.72	3861135.12	0.04567	0.037	0.04456	6.80E-04	2.61E-06	1.16E-03	0.001842	6.95E-04	2.57E-06	1.29E-03	0.001987	6.60E-04	3.26E-06	2.48E-03	3.14E-03
981	490536.72	3861135.12	0.04564	0.03705	0.04459	6.79E-04	2.62E-06	1.16E-03	0.001842	6.94E-04	2.58E-06	1.29E-03	0.001987	6.60E-04	3.27E-06	2.48E-03	3.14E-03
982	490586.72	3861135.12	0.04557	0.03707	0.04457	6.78E-04	2.62E-06	1.16E-03	0.00184	6.93E-04	2.58E-06	1.29E-03	0.001985	6.58E-04	3.27E-06	2.48E-03	3.14E-03
983	490636.72	3861135.12	0.04544	0.03704	0.04449	6.76E-04	2.62E-06	1.16E-03	0.001836	6.91E-04	2.57E-06	1.29E-03	0.001981	6.57E-04	3.27E-06	2.47E-03	3.13E-03

984	490686.72	3861135.12	0.04533	0.03702	0.04442	6.75E-04	2.61E-06	1.16E-03	0.001833	6.89E-04	2.57E-06	1.29E-03	0.001977	6.55E-04	3.27E-06	2.47E-03	3.13E-03
985	490736.72	3861135.12	0.04521	0.03699	0.04435	6.73E-04	2.61E-06	1.15E-03	0.001829	6.88E-04	2.57E-06	1.28E-03	0.001974	6.53E-04	3.26E-06	2.46E-03	3.12E-03
986	490786.72	3861135.12	0.04506	0.03693	0.04424	6.71E-04	2.61E-06	1.15E-03	0.001824	6.85E-04	2.57E-06	1.28E-03	0.001968	6.51E-04	3.26E-06	2.46E-03	3.11E-03
987	490836.72	3861135.12	0.04488	0.03684	0.0441	6.68E-04	2.60E-06	1.15E-03	0.001818	6.83E-04	2.56E-06	1.28E-03	0.001961	6.49E-04	3.25E-06	2.45E-03	3.10E-03
988	490086.72	3861185.12	0.04432	0.03556	0.04276	6.60E-04	2.51E-06	1.11E-03	0.001775	6.74E-04	2.47E-06	1.24E-03	0.001914	6.40E-04	3.14E-06	2.38E-03	3.02E-03
989	490136.72	3861185.12	0.04435	0.03562	0.04284	6.60E-04	2.52E-06	1.11E-03	0.001777	6.75E-04	2.48E-06	1.24E-03	0.001917	6.41E-04	3.14E-06	2.38E-03	3.02E-03
990	490186.72	3861185.12	0.04444	0.03573	0.04298	6.61E-04	2.52E-06	1.12E-03	0.001782	6.76E-04	2.48E-06	1.24E-03	0.001922	6.42E-04	3.15E-06	2.39E-03	3.03E-03
991	490236.72	3861185.12	0.04452	0.03583	0.04313	6.63E-04	2.53E-06	1.12E-03	0.001787	6.77E-04	2.49E-06	1.25E-03	0.001928	6.43E-04	3.16E-06	2.40E-03	3.04E-03
992	490286.72	3861185.12	0.04463	0.03596	0.04329	6.64E-04	2.54E-06	1.13E-03	0.001793	6.79E-04	2.50E-06	1.25E-03	0.001934	6.45E-04	3.17E-06	2.41E-03	3.05E-03
993	490336.72	3861185.12	0.04459	0.03598	0.0433	6.64E-04	2.54E-06	1.13E-03	0.001793	6.78E-04	2.50E-06	1.25E-03	0.001934	6.44E-04	3.17E-06	2.41E-03	3.05E-03
994	490386.72	3861185.12	0.04463	0.03607	0.04341	6.64E-04	2.55E-06	1.13E-03	0.001796	6.79E-04	2.51E-06	1.26E-03	0.001937	6.45E-04	3.18E-06	2.41E-03	3.06E-03
995	490436.72	3861185.12	0.04469	0.03618	0.04353	6.65E-04	2.55E-06	1.13E-03	0.0018	6.80E-04	2.51E-06	1.26E-03	0.001942	6.46E-04	3.19E-06	2.42E-03	3.07E-03
996	490486.72	3861185.12	0.04469	0.03625	0.04359	6.65E-04	2.56E-06	1.13E-03	0.001802	6.80E-04	2.52E-06	1.26E-03	0.001944	6.46E-04	3.20E-06	2.42E-03	3.07E-03
997	490536.72	3861185.12	0.04475	0.03636	0.04371	6.66E-04	2.57E-06	1.14E-03	0.001806	6.81E-04	2.53E-06	1.26E-03	0.001948	6.47E-04	3.21E-06	2.43E-03	3.08E-03
998	490586.72	3861185.12	0.04468	0.03638	0.04369	6.65E-04	2.57E-06	1.14E-03	0.001804	6.80E-04	2.53E-06	1.26E-03	0.001946	6.46E-04	3.21E-06	2.43E-03	3.08E-03
999	490636.72	3861185.12	0.04455	0.03634	0.0436	6.63E-04	2.57E-06	1.13E-03	0.0018	6.78E-04	2.53E-06	1.26E-03	0.001942	6.44E-04	3.21E-06	2.42E-03	3.07E-03
1000	490686.72	3861185.12	0.04446	0.03634	0.04356	6.62E-04	2.57E-06	1.13E-03	0.001798	6.76E-04	2.53E-06	1.26E-03	0.001939	6.42E-04	3.21E-06	2.42E-03	3.07E-03
1001	490736.72	3861185.12	0.04439	0.03636	0.04354	6.61E-04	2.57E-06	1.13E-03	0.001796	6.75E-04	2.53E-06	1.26E-03	0.001938	6.41E-04	3.21E-06	2.42E-03	3.06E-03
1002	490786.72	3861185.12	0.04428	0.03634	0.04348	6.59E-04	2.57E-06	1.13E-03	0.001793	6.73E-04	2.53E-06	1.26E-03	0.001934	6.40E-04	3.21E-06	2.42E-03	3.06E-03
1003	490836.72	3861185.12	0.04414	0.03628	0.04337	6.57E-04	2.56E-06	1.13E-03	0.001788	6.71E-04	2.52E-06	1.26E-03	0.001929	6.38E-04	3.20E-06	2.41E-03	3.05E-03
1004	490086.72	3861235.12	0.0433	0.03481	0.04175	6.45E-04	2.46E-06	1.09E-03	0.001733	6.59E-04	2.42E-06	1.21E-03	0.001869	6.26E-04	3.07E-06	2.32E-03	2.95E-03
1005	490136.72	3861235.12	0.04335	0.03488	0.04185	6.45E-04	2.46E-06	1.09E-03	0.001736	6.59E-04	2.42E-06	1.21E-03	0.001873	6.26E-04	3.08E-06	2.33E-03	2.95E-03
1006	490186.72	3861235.12	0.04344	0.03499	0.04199	6.47E-04	2.47E-06	1.09E-03	0.001741	6.61E-04	2.43E-06	1.22E-03	0.001878	6.28E-04	3.09E-06	2.33E-03	2.96E-03
1007	490236.72	3861235.12	0.04347	0.03505	0.04208	6.47E-04	2.47E-06	1.09E-03	0.001744	6.61E-04	2.44E-06	1.22E-03	0.001881	6.28E-04	3.09E-06	2.34E-03	2.97E-03
1008	490386.72	3861235.12	0.04361	0.0353	0.04239	6.49E-04	2.49E-06	1.10E-03	0.001754	6.63E-04	2.45E-06	1.23E-03	0.001892	6.30E-04	3.11E-06	2.36E-03	2.99E-03
1009	490436.72	3861235.12	0.04363	0.03537	0.04246	6.49E-04	2.50E-06	1.10E-03	0.001757	6.64E-04	2.46E-06	1.23E-03	0.001895	6.30E-04	3.12E-06	2.36E-03	2.99E-03
1010	490486.72	3861235.12	0.04366	0.03545	0.04254	6.50E-04	2.50E-06	1.11E-03	0.001759	6.64E-04	2.46E-06	1.23E-03	0.001897	6.31E-04	3.13E-06	2.36E-03	3.00E-03
1011	490536.72	3861235.12	0.04379	0.03561	0.04273	6.52E-04	2.51E-06	1.11E-03	0.001766	6.66E-04	2.47E-06	1.24E-03	0.001905	6.33E-04	3.14E-06	2.37E-03	3.01E-03
1012	490586.72	3861235.12	0.04384	0.03572	0.04284	6.53E-04	2.52E-06	1.11E-03	0.00177	6.67E-04	2.48E-06	1.24E-03	0.001909	6.33E-04	3.15E-06	2.38E-03	3.02E-03
1013	490636.72	3861235.12	0.04366	0.03565	0.04271	6.50E-04	2.52E-06	1.11E-03	0.001764	6.64E-04	2.48E-06	1.24E-03	0.001902	6.31E-04	3.15E-06	2.37E-03	3.01E-03
1014	490686.72	3861235.12	0.0436	0.03567	0.0427	6.49E-04	2.52E-06	1.11E-03	0.001762	6.63E-04	2.48E-06	1.24E-03	0.001901	6.30E-04	3.15E-06	2.37E-03	3.01E-03
1015	490736.72	3861235.12	0.04357	0.03571	0.04272	6.49E-04	2.52E-06	1.11E-03	0.001762	6.63E-04	2.48E-06	1.24E-03	0.001901	6.30E-04	3.15E-06	2.37E-03	3.01E-03
1016	490786.72	3861235.12	0.04351	0.03573	0.04271	6.48E-04	2.52E-06	1.11E-03	0.001761	6.62E-04	2.48E-06	1.24E-03	0.0019	6.29E-04	3.15E-06	2.37E-03	3.01E-03
1017	490836.72	3861235.12	0.04339	0.0357	0.04263	6.46E-04	2.52E-06	1.11E-03	0.001757	6.60E-04	2.48E-06	1.23E-03	0.001896	6.27E-04	3.15E-06	2.37E-03	3.00E-03
1018	490086.72	3861285.12	0.04239	0.03413	0.04085	6.31E-04	2.41E-06	1.06E-03	0.001696	6.45E-04	2.37E-06	1.18E-03	0.001829	6.13E-04	3.01E-06	2.27E-03	2.89E-03
1019	490136.72	3861285.12	0.0425	0.03425	0.04101	6.33E-04	2.42E-06	1.07E-03	0.001702	6.46E-04	2.38E-06	1.19E-03	0.001835	6.14E-04	3.02E-06	2.28E-03	2.90E-03
1020	490186.72	3861285.12	0.0425	0.03429	0.04106	6.33E-04	2.42E-06	1.07E-03	0.001703	6.46E-04	2.38E-06	1.19E-03	0.001837	6.14E-04	3.03E-06	2.28E-03	2.90E-03
1021	490236.72	3861285.12	0.04254	0.03436	0.04115	6.33E-04	2.43E-06	1.07E-03	0.001706	6.47E-04	2.39E-06	1.19E-03	0.00184	6.15E-04	3.03E-06	2.29E-03	2.90E-03
1022	490386.72	3861285.12	0.04267	0.03458	0.04145	6.35E-04	2.44E-06	1.08E-03	0.001716	6.49E-04	2.40E-06	1.20E-03	0.001851	6.17E-04	3.05E-06	2.30E-03	2.92E-03
1023	490436.72	3861285.12	0.04274	0.03468	0.04157	6.36E-04	2.45E-06	1.08E-03	0.00172	6.50E-04	2.41E-06	1.20E-03	0.001855	6.18E-04	3.06E-06	2.31E-03	2.93E-03
1024	490486.72	3861285.12	0.04275	0.03474	0.04163	6.36E-04	2.45E-06	1.08E-03	0.001722	6.50E-04	2.41E-06	1.20E-03	0.001857	6.18E-04	3.07E-06	2.31E-03	2.93E-03
1025	490536.72	3861285.12	0.04278	0.03483	0.04172	6.37E-04	2.46E-06	1.09E-03	0.001725	6.51E-04	2.42E-06	1.21E-03	0.00186	6.18E-04	3.07E-06	2.32E-03	2.94E-03
1026	490586.72	3861285.12	0.04282	0.03493	0.04182	6.37E-04	2.47E-06	1.09E-03	0.001728	6.51E-04	2.43E-06	1.21E-03	0.001864	6.19E-04	3.08E-06	2.32E-03	2.95E-03
1027	490636.72	3861285.12	0.04275	0.03493	0.04179	6.36E-04	2.47E-06	1.09E-03	0.001726	6.50E-04	2.43E-06	1.21E-03	0.001862	6.18E-04	3.08E-06	2.32E-03	2.94E-03
1028	490686.72	3861285.12	0.04272	0.03498	0.04182	6.36E-04	2.47E-06	1.09E-03	0.001726	6.50E-04	2.43E-06	1.21E-03	0.001862	6.17E-04	3.09E-06	2.32E-03	2.94E-03
1029	490736.72	3861285.12	0.04276	0.03508	0.04191	6.36E-04	2.48E-06	1.09E-03	0.001729	6.50E-04	2.44E-06	1.21E-03	0.001866	6.18E-04	3.10E-06	2.33E-03	2.95E-03
1030	490786.72	3861285.12	0.04269	0.03509	0.04189	6.35E-04	2.48E-06	1.09E-03	0.001728	6.49E-04	2.44E-06	1.21E-03	0.001864	6.17E-04	3.10E-06	2.33E-03	2.95E-03

1031	490836.72	3861285.12	0.04257	0.03506	0.04181	6.34E-04	2.48E-06	1.09E-03	0.001724	6.47E-04	2.44E-06	1.21E-03	0.00186	6.15E-04	3.09E-06	2.32E-03	2.94E-03
1032	490061.24	3859716.13	0.09567	0.0659	0.08971	1.42E-03	4.65E-06	2.33E-03	0.003763	1.46E-03	4.58E-06	2.60E-03	0.004056	1.38E-03	5.81E-06	4.98E-03	6.37E-03
1033	490111.24	3859716.13	0.09594	0.06582	0.0899	1.43E-03	4.65E-06	2.34E-03	0.003772	1.46E-03	4.57E-06	2.60E-03	0.004065	1.39E-03	5.81E-06	5.00E-03	6.39E-03
1034	490161.24	3859716.13	0.09623	0.06576	0.0901	1.43E-03	4.64E-06	2.34E-03	0.003781	1.46E-03	4.57E-06	2.61E-03	0.004075	1.39E-03	5.80E-06	5.01E-03	6.40E-03
1035	490211.24	3859716.13	0.09651	0.06573	0.09029	1.44E-03	4.64E-06	2.35E-03	0.00379	1.47E-03	4.57E-06	2.61E-03	0.004085	1.39E-03	5.80E-06	5.02E-03	6.42E-03
1036	490061.24	3859766.13	0.09155	0.06418	0.08636	1.36E-03	4.53E-06	2.25E-03	0.003614	1.39E-03	4.46E-06	2.50E-03	0.003896	1.32E-03	5.66E-06	4.80E-03	6.13E-03
1037	490111.24	3859766.13	0.09165	0.064	0.08639	1.36E-03	4.52E-06	2.25E-03	0.003616	1.39E-03	4.45E-06	2.50E-03	0.003898	1.32E-03	5.65E-06	4.80E-03	6.13E-03
1038	490161.24	3859766.13	0.09181	0.06385	0.08645	1.37E-03	4.51E-06	2.25E-03	0.00362	1.40E-03	4.44E-06	2.50E-03	0.003902	1.33E-03	5.63E-06	4.80E-03	6.14E-03
1039	490211.24	3859766.13	0.09205	0.06378	0.08662	1.37E-03	4.50E-06	2.25E-03	0.003628	1.40E-03	4.43E-06	2.51E-03	0.003911	1.33E-03	5.63E-06	4.81E-03	6.15E-03
1040	490061.24	3859816.13	0.08793	0.0626	0.08332	1.31E-03	4.42E-06	2.17E-03	0.003481	1.34E-03	4.35E-06	2.41E-03	0.003753	1.27E-03	5.52E-06	4.63E-03	5.91E-03
1041	490111.24	3859816.13	0.08786	0.06234	0.08321	1.31E-03	4.40E-06	2.16E-03	0.003477	1.34E-03	4.33E-06	2.41E-03	0.003748	1.27E-03	5.50E-06	4.62E-03	5.90E-03
1042	490161.24	3859816.13	0.08791	0.06215	0.08321	1.31E-03	4.39E-06	2.16E-03	0.003478	1.34E-03	4.32E-06	2.41E-03	0.003749	1.27E-03	5.48E-06	4.62E-03	5.90E-03
1043	490211.24	3859816.13	0.08803	0.06201	0.08326	1.31E-03	4.38E-06	2.17E-03	0.003481	1.34E-03	4.31E-06	2.41E-03	0.003752	1.27E-03	5.47E-06	4.63E-03	5.90E-03
1044	490061.24	3859866.13	0.08478	0.06116	0.0806	1.26E-03	4.32E-06	2.10E-03	0.003363	1.29E-03	4.25E-06	2.33E-03	0.003626	1.23E-03	5.40E-06	4.48E-03	5.71E-03
1045	490111.24	3859866.13	0.08458	0.06087	0.08042	1.26E-03	4.30E-06	2.09E-03	0.003355	1.29E-03	4.23E-06	2.33E-03	0.003618	1.22E-03	5.37E-06	4.47E-03	5.70E-03
1046	490161.24	3859866.13	0.0845	0.06064	0.08033	1.26E-03	4.28E-06	2.09E-03	0.003352	1.29E-03	4.21E-06	2.32E-03	0.003614	1.22E-03	5.35E-06	4.46E-03	5.69E-03
1047	490211.24	3859866.13	0.08451	0.06045	0.08031	1.26E-03	4.27E-06	2.09E-03	0.003352	1.29E-03	4.20E-06	2.32E-03	0.003613	1.22E-03	5.33E-06	4.46E-03	5.69E-03
1048	490061.24	3859916.13	0.082	0.05983	0.07815	1.22E-03	4.22E-06	2.03E-03	0.003258	1.25E-03	4.16E-06	2.26E-03	0.003513	1.18E-03	5.28E-06	4.34E-03	5.53E-03
1049	490111.24	3859916.13	0.08172	0.05953	0.07792	1.22E-03	4.20E-06	2.03E-03	0.003248	1.24E-03	4.14E-06	2.25E-03	0.003502	1.18E-03	5.25E-06	4.33E-03	5.52E-03
1050	490161.24	3859916.13	0.0815	0.05925	0.07774	1.21E-03	4.18E-06	2.02E-03	0.00324	1.24E-03	4.12E-06	2.25E-03	0.003493	1.18E-03	5.23E-06	4.32E-03	5.50E-03
1051	490211.24	3859916.13	0.08136	0.05899	0.0776	1.21E-03	4.17E-06	2.02E-03	0.003234	1.24E-03	4.10E-06	2.25E-03	0.003487	1.18E-03	5.20E-06	4.31E-03	5.49E-03
1052	490229.25	3859815.26	0.08818	0.06202	0.0834	1.31E-03	4.38E-06	2.17E-03	0.003487	1.34E-03	4.31E-06	2.41E-03	0.003759	1.27E-03	5.47E-06	4.63E-03	5.91E-03
1053	490279.25	3859815.26	0.08838	0.06193	0.08351	1.32E-03	4.37E-06	2.17E-03	0.003492	1.34E-03	4.30E-06	2.42E-03	0.003765	1.28E-03	5.46E-06	4.64E-03	5.92E-03
1054	490329.25	3859815.26	0.08861	0.06188	0.08367	1.32E-03	4.37E-06	2.18E-03	0.0035	1.35E-03	4.30E-06	2.42E-03	0.003773	1.28E-03	5.46E-06	4.65E-03	5.94E-03
1055	490379.25	3859815.26	0.08896	0.06196	0.08401	1.32E-03	4.37E-06	2.19E-03	0.003514	1.35E-03	4.31E-06	2.43E-03	0.003788	1.29E-03	5.47E-06	4.67E-03	5.96E-03
1056	490429.25	3859815.26	0.08939	0.06214	0.08448	1.33E-03	4.39E-06	2.20E-03	0.003533	1.36E-03	4.32E-06	2.44E-03	0.003808	1.29E-03	5.48E-06	4.69E-03	5.99E-03
1057	490229.25	3859865.26	0.08459	0.06042	0.08037	1.26E-03	4.27E-06	2.09E-03	0.003354	1.29E-03	4.20E-06	2.33E-03	0.003616	1.22E-03	5.33E-06	4.47E-03	5.69E-03
1058	490279.25	3859865.26	0.08468	0.06027	0.08041	1.26E-03	4.26E-06	2.09E-03	0.003357	1.29E-03	4.19E-06	2.33E-03	0.003619	1.22E-03	5.32E-06	4.47E-03	5.70E-03
1059	490329.25	3859865.26	0.08483	0.06016	0.08049	1.26E-03	4.25E-06	2.09E-03	0.003361	1.29E-03	4.18E-06	2.33E-03	0.003624	1.23E-03	5.31E-06	4.47E-03	5.70E-03
1060	490379.25	3859865.26	0.08507	0.06013	0.08069	1.27E-03	4.25E-06	2.10E-03	0.00337	1.29E-03	4.18E-06	2.33E-03	0.003633	1.23E-03	5.31E-06	4.48E-03	5.72E-03
1061	490429.25	3859865.26	0.08538	0.06018	0.08097	1.27E-03	4.25E-06	2.11E-03	0.003382	1.30E-03	4.18E-06	2.34E-03	0.003646	1.23E-03	5.31E-06	4.50E-03	5.74E-03
1062	490229.25	3859915.26	0.0814	0.05895	0.07763	1.21E-03	4.16E-06	2.02E-03	0.003235	1.24E-03	4.10E-06	2.25E-03	0.003488	1.18E-03	5.20E-06	4.31E-03	5.50E-03
1063	490279.25	3859915.26	0.08135	0.05873	0.07755	1.21E-03	4.15E-06	2.02E-03	0.003233	1.24E-03	4.08E-06	2.24E-03	0.003485	1.18E-03	5.18E-06	4.31E-03	5.49E-03
1064	490329.25	3859915.26	0.08141	0.05858	0.07757	1.21E-03	4.14E-06	2.02E-03	0.003234	1.24E-03	4.07E-06	2.24E-03	0.003487	1.18E-03	5.17E-06	4.31E-03	5.49E-03
1065	490379.25	3859915.26	0.08156	0.05849	0.07768	1.21E-03	4.13E-06	2.02E-03	0.003239	1.24E-03	4.07E-06	2.25E-03	0.003492	1.18E-03	5.16E-06	4.32E-03	5.50E-03
1066	490429.25	3859915.26	0.08174	0.05843	0.07782	1.22E-03	4.13E-06	2.02E-03	0.003245	1.24E-03	4.06E-06	2.25E-03	0.003499	1.18E-03	5.16E-06	4.32E-03	5.51E-03
1067	490451.43	3859872.59	0.08495	0.05992	0.0806	1.26E-03	4.23E-06	2.10E-03	0.003366	1.29E-03	4.16E-06	2.33E-03	0.003628	1.23E-03	5.29E-06	4.48E-03	5.71E-03
1068	490501.43	3859872.59	0.08534	0.06007	0.08102	1.27E-03	4.24E-06	2.11E-03	0.003382	1.30E-03	4.18E-06	2.34E-03	0.003647	1.23E-03	5.30E-06	4.50E-03	5.74E-03
1069	490551.43	3859872.59	0.08583	0.06035	0.08161	1.28E-03	4.26E-06	2.12E-03	0.003405	1.31E-03	4.19E-06	2.36E-03	0.003671	1.24E-03	5.32E-06	4.53E-03	5.78E-03
1070	490601.43	3859872.59	0.08626	0.06064	0.08219	1.28E-03	4.28E-06	2.14E-03	0.003426	1.31E-03	4.21E-06	2.38E-03	0.003694	1.25E-03	5.35E-06	4.57E-03	5.82E-03
1071	490451.43	3859922.59	0.08134	0.05819	0.07747	1.21E-03	4.11E-06	2.02E-03	0.00323	1.24E-03	4.04E-06	2.24E-03	0.003483	1.18E-03	5.13E-06	4.30E-03	5.49E-03
1072	490501.43	3859922.59	0.08163	0.05823	0.07775	1.22E-03	4.11E-06	2.02E-03	0.003242	1.24E-03	4.05E-06	2.25E-03	0.003495	1.18E-03	5.14E-06	4.32E-03	5.50E-03
1073	490551.43	3859922.59	0.08206	0.0584	0.07821	1.22E-03	4.12E-06	2.03E-03	0.00326	1.25E-03	4.06E-06	2.26E-03	0.003515	1.19E-03	5.15E-06	4.35E-03	5.54E-03
1074	490601.43	3859922.59	0.08252	0.05864	0.07876	1.23E-03	4.14E-06	2.05E-03	0.003281	1.26E-03	4.08E-06	2.28E-03	0.003538	1.19E-03	5.17E-06	4.38E-03	5.57E-03
1075	482129.67	3852241.07	0.03686	0.04152	0.03276	5.49E-04	2.93E-06	8.52E-04	0.001404	5.61E-04	2.89E-06	9.48E-04	0.001511	5.33E-04	3.66E-06	1.82E-03	2.36E-03
1076	482029.67	3852291.07	0.03912	0.04387	0.03528	5.82E-04	3.10E-06	9.18E-04	0.001503	5.95E-04	3.05E-06	1.02E-03	0.001619	5.65E-04	3.87E-06	1.96E-03	2.53E-03
1077	482079.67	3852291.07	0.03877	0.04317	0.03481	5.77E-04	3.05E-06	9.06E-04	0.001486	5.90E-04	3.00E-06	1.01E-03	0.0016	5.60E-04	3.81E-06	1.93E-03	2.50E-03

1078	482129.67	3852291.07	0.03828	0.04288	0.03433	5.70E-04	3.03E-06	8.93E-04	0.001466	5.82E-04	2.98E-06	9.93E-04	0.001579	5.53E-04	3.78E-06	1.91E-03	2.46E-03
1079	482179.67	3852291.07	0.0376	0.04252	0.0334	5.60E-04	3.00E-06	8.69E-04	0.001432	5.72E-04	2.96E-06	9.67E-04	0.001541	5.43E-04	3.75E-06	1.86E-03	2.40E-03
1080	482229.67	3852291.07	0.03655	0.04181	0.03274	5.44E-04	2.95E-06	8.52E-04	0.001399	5.56E-04	2.91E-06	9.47E-04	0.001506	5.28E-04	3.69E-06	1.82E-03	2.35E-03
1081	482029.67	3852341.07	0.04056	0.04537	0.03655	6.04E-04	3.20E-06	9.51E-04	0.001558	6.17E-04	3.15E-06	1.06E-03	0.001678	5.86E-04	4.00E-06	2.03E-03	2.62E-03
1082	482079.67	3852341.07	0.04016	0.0451	0.03607	5.98E-04	3.18E-06	9.38E-04	0.001539	6.11E-04	3.13E-06	1.04E-03	0.001658	5.80E-04	3.98E-06	2.00E-03	2.59E-03
1083	482129.67	3852341.07	0.03979	0.04443	0.03558	5.92E-04	3.14E-06	9.26E-04	0.001521	6.05E-04	3.09E-06	1.03E-03	0.001638	5.75E-04	3.92E-06	1.98E-03	2.56E-03
1084	482179.67	3852341.07	0.03924	0.04404	0.03509	5.84E-04	3.11E-06	9.13E-04	0.0015	5.97E-04	3.06E-06	1.02E-03	0.001615	5.67E-04	3.89E-06	1.95E-03	2.52E-03
1085	482259.06	3852400.14	0.04081	0.0457	0.03594	6.07E-04	3.23E-06	9.35E-04	0.001546	6.21E-04	3.18E-06	1.04E-03	0.001664	5.90E-04	4.03E-06	2.00E-03	2.59E-03
1086	482309.06	3852400.14	0.03983	0.04468	0.03505	5.93E-04	3.15E-06	9.12E-04	0.001508	6.06E-04	3.11E-06	1.01E-03	0.001623	5.76E-04	3.94E-06	1.95E-03	2.53E-03
1087	482209.06	3852450.14	0.04265	0.04785	0.03772	6.35E-04	3.38E-06	9.81E-04	0.00162	6.49E-04	3.33E-06	1.09E-03	0.001743	6.16E-04	4.22E-06	2.10E-03	2.72E-03
1088	482259.06	3852450.14	0.04228	0.04741	0.03724	6.29E-04	3.35E-06	9.69E-04	0.001602	6.43E-04	3.30E-06	1.08E-03	0.001724	6.11E-04	4.18E-06	2.07E-03	2.68E-03
1089	482309.06	3852450.14	0.04164	0.04655	0.03679	6.20E-04	3.29E-06	9.57E-04	0.00158	6.33E-04	3.24E-06	1.06E-03	0.001701	6.02E-04	4.11E-06	2.04E-03	2.65E-03
1090	482209.06	3852500.14	0.04413	0.04959	0.03911	6.57E-04	3.50E-06	1.02E-03	0.001678	6.71E-04	3.45E-06	1.13E-03	0.001806	6.38E-04	4.38E-06	2.17E-03	2.82E-03
1091	482259.06	3852500.14	0.04377	0.04918	0.03862	6.52E-04	3.47E-06	1.00E-03	0.00166	6.66E-04	3.42E-06	1.12E-03	0.001787	6.32E-04	4.34E-06	2.15E-03	2.78E-03
1092	482309.06	3852500.14	0.0433	0.04864	0.03815	6.45E-04	3.43E-06	9.93E-04	0.00164	6.59E-04	3.38E-06	1.10E-03	0.001766	6.26E-04	4.29E-06	2.12E-03	2.75E-03
1093	482283.91	3852513.62	0.044	0.04944	0.03877	6.55E-04	3.49E-06	1.01E-03	0.001667	6.69E-04	3.44E-06	1.12E-03	0.001795	6.36E-04	4.36E-06	2.15E-03	2.79E-03
1094	482333.91	3852513.62	0.04357	0.04886	0.03832	6.49E-04	3.45E-06	9.97E-04	0.001649	6.63E-04	3.40E-06	1.11E-03	0.001775	6.30E-04	4.31E-06	2.13E-03	2.76E-03
1095	482283.91	3852563.62	0.04564	0.05134	0.04021	6.79E-04	3.63E-06	1.05E-03	0.001729	6.94E-04	3.57E-06	1.16E-03	0.001861	6.60E-04	4.53E-06	2.23E-03	2.90E-03
1096	482333.91	3852563.62	0.04532	0.05083	0.03977	6.75E-04	3.59E-06	1.03E-03	0.001713	6.89E-04	3.53E-06	1.15E-03	0.001844	6.55E-04	4.48E-06	2.21E-03	2.87E-03
1097	482383.91	3852563.62	0.04501	0.05021	0.03939	6.70E-04	3.55E-06	1.02E-03	0.001698	6.85E-04	3.49E-06	1.14E-03	0.001828	6.50E-04	4.43E-06	2.19E-03	2.84E-03
1098	482283.91	3852613.62	0.04726	0.05329	0.04177	7.03E-04	3.76E-06	1.09E-03	0.001794	7.19E-04	3.70E-06	1.21E-03	0.001931	6.83E-04	4.70E-06	2.32E-03	3.01E-03
1099	482333.91	3852613.62	0.04698	0.05283	0.04126	6.99E-04	3.73E-06	1.07E-03	0.001776	7.15E-04	3.67E-06	1.19E-03	0.001912	6.79E-04	4.66E-06	2.29E-03	2.98E-03
1100	482383.91	3852613.62	0.04673	0.05226	0.04085	6.96E-04	3.69E-06	1.06E-03	0.001762	7.11E-04	3.63E-06	1.18E-03	0.001896	6.75E-04	4.61E-06	2.27E-03	2.95E-03
1101	482602.38	3852600.87	0.04412	0.04716	0.03894	6.57E-04	3.33E-06	1.01E-03	0.001673	6.71E-04	3.28E-06	1.13E-03	0.001801	6.38E-04	4.16E-06	2.16E-03	2.81E-03
1102	482652.38	3852600.87	0.04362	0.04602	0.03872	6.49E-04	3.25E-06	1.01E-03	0.00166	6.63E-04	3.20E-06	1.12E-03	0.001787	6.30E-04	4.06E-06	2.15E-03	2.79E-03
1103	482702.38	3852600.87	0.04214	0.04428	0.03796	6.27E-04	3.13E-06	9.88E-04	0.001618	6.41E-04	3.08E-06	1.10E-03	0.001742	6.09E-04	3.91E-06	2.11E-03	2.72E-03
1104	482552.38	3852650.87	0.04697	0.05071	0.04116	6.99E-04	3.58E-06	1.07E-03	0.001774	7.14E-04	3.52E-06	1.19E-03	0.001909	6.79E-04	4.47E-06	2.29E-03	2.97E-03
1105	482602.38	3852650.87	0.04649	0.04957	0.04061	6.92E-04	3.50E-06	1.06E-03	0.001752	7.07E-04	3.45E-06	1.18E-03	0.001886	6.72E-04	4.37E-06	2.26E-03	2.93E-03
1106	482652.38	3852650.87	0.04616	0.04853	0.04045	6.87E-04	3.43E-06	1.05E-03	0.001743	7.02E-04	3.37E-06	1.17E-03	0.001876	6.67E-04	4.28E-06	2.25E-03	2.92E-03
1107	482702.38	3852650.87	0.04566	0.04747	0.04021	6.80E-04	3.35E-06	1.05E-03	0.001729	6.94E-04	3.30E-06	1.16E-03	0.001861	6.60E-04	4.19E-06	2.23E-03	2.90E-03
1108	482552.38	3852700.87	0.04891	0.05336	0.04272	7.28E-04	3.77E-06	1.11E-03	0.001843	7.44E-04	3.71E-06	1.24E-03	0.001984	7.07E-04	4.71E-06	2.37E-03	3.09E-03
1109	482602.38	3852700.87	0.04884	0.05244	0.04262	7.27E-04	3.70E-06	1.11E-03	0.001839	7.43E-04	3.64E-06	1.23E-03	0.00198	7.06E-04	4.63E-06	2.37E-03	3.08E-03
1110	482652.38	3852700.87	0.04901	0.05159	0.04257	7.30E-04	3.64E-06	1.11E-03	0.001841	7.45E-04	3.59E-06	1.23E-03	0.001981	7.08E-04	4.55E-06	2.37E-03	3.08E-03
1111	482702.38	3852700.87	0.04858	0.05017	0.04238	7.23E-04	3.54E-06	1.10E-03	0.001829	7.39E-04	3.49E-06	1.23E-03	0.001969	7.02E-04	4.43E-06	2.35E-03	3.06E-03
1112	482452.38	3852750.87	0.05132	0.05746	0.04479	7.64E-04	4.06E-06	1.17E-03	0.001933	7.81E-04	3.99E-06	1.30E-03	0.002081	7.42E-04	5.07E-06	2.49E-03	3.24E-03
1113	482521.29	3852749.74	0.05102	0.05631	0.04444	7.59E-04	3.98E-06	1.16E-03	0.00192	7.76E-04	3.91E-06	1.29E-03	0.002066	7.37E-04	4.97E-06	2.47E-03	3.21E-03
1114	482571.29	3852749.74	0.05094	0.0554	0.0443	7.58E-04	3.91E-06	1.15E-03	0.001915	7.75E-04	3.85E-06	1.28E-03	0.002061	7.36E-04	4.89E-06	2.46E-03	3.20E-03
1115	482521.29	3852799.74	0.05309	0.05883	0.04613	7.90E-04	4.15E-06	1.20E-03	0.001995	8.07E-04	4.09E-06	1.33E-03	0.002146	7.67E-04	5.19E-06	2.56E-03	3.34E-03
1116	482571.29	3852799.74	0.05306	0.05794	0.04601	7.90E-04	4.09E-06	1.20E-03	0.001991	8.07E-04	4.03E-06	1.33E-03	0.002142	7.67E-04	5.11E-06	2.56E-03	3.33E-03
1117	482621.29	3852799.74	0.05305	0.05699	0.04596	7.90E-04	4.02E-06	1.20E-03	0.001989	8.07E-04	3.96E-06	1.33E-03	0.002141	7.67E-04	5.03E-06	2.55E-03	3.33E-03
1118	482571.29	3852849.74	0.05518	0.06059	0.04781	8.21E-04	4.28E-06	1.24E-03	0.002069	8.39E-04	4.21E-06	1.38E-03	0.002227	7.97E-04	5.35E-06	2.66E-03	3.46E-03
1119	482621.29	3852849.74	0.05519	0.05962	0.04779	8.21E-04	4.21E-06	1.24E-03	0.002069	8.39E-04	4.14E-06	1.38E-03	0.002226	7.98E-04	5.26E-06	2.66E-03	3.46E-03
1120	482577.42	3852901.55	0.05757	0.06338	0.04983	8.57E-04	4.48E-06	1.30E-03	0.002158	8.76E-04	4.41E-06	1.44E-03	0.002322	8.32E-04	5.59E-06	2.77E-03	3.61E-03
1121	482627.42	3852901.55	0.0576	0.06239	0.04981	8.57E-04	4.41E-06	1.30E-03	0.002158	8.76E-04	4.34E-06	1.44E-03	0.002322	8.32E-04	5.50E-06	2.77E-03	3.61E-03
1122	482629.96	3852955.85	0.06041	0.06559	0.05207	8.99E-04	4.63E-06	1.35E-03	0.002258	9.19E-04	4.56E-06	1.51E-03	0.00243	8.73E-04	5.79E-06	2.89E-03	3.77E-03
1123	482679.96	3852955.85	0.06048	0.06453	0.05206	9.00E-04	4.56E-06	1.35E-03	0.002259	9.20E-04	4.49E-06	1.51E-03	0.002431	8.74E-04	5.69E-06	2.89E-03	3.77E-03
1124	482781.63	3853034.48	0.06461	0.06729	0.05529	9.62E-04	4.75E-06	1.44E-03	0.002405	9.83E-04	4.68E-06	1.60E-03	0.002587	9.34E-04	5.94E-06	3.07E-03	4.01E-03

1125	482831.63	3853034.48	0.06353	0.06619	0.0547	9.46E-04	4.67E-06	1.42E-03	0.002373	9.66E-04	4.60E-06	1.58E-03	0.002554	9.18E-04	5.84E-06	3.04E-03	3.96E-03
1126	482881.63	3853034.48	0.06254	0.06444	0.05395	9.31E-04	4.55E-06	1.40E-03	0.002339	9.51E-04	4.48E-06	1.56E-03	0.002517	9.04E-04	5.69E-06	3.00E-03	3.91E-03
1127	482781.63	3853084.48	0.06831	0.07077	0.05797	1.02E-03	5.00E-06	1.51E-03	0.00253	1.04E-03	4.92E-06	1.68E-03	0.002721	9.87E-04	6.24E-06	3.22E-03	4.21E-03
1128	482831.63	3853084.48	0.06724	0.0696	0.05737	1.00E-03	4.91E-06	1.49E-03	0.002498	1.02E-03	4.84E-06	1.66E-03	0.002688	9.72E-04	6.14E-06	3.19E-03	4.17E-03
1129	482881.63	3853084.48	0.06613	0.06856	0.05658	9.84E-04	4.84E-06	1.47E-03	0.002461	1.01E-03	4.77E-06	1.64E-03	0.002648	9.56E-04	6.05E-06	3.14E-03	4.11E-03
1130	482781.63	3853134.48	0.07262	0.07453	0.06088	1.08E-03	5.26E-06	1.58E-03	0.00267	1.10E-03	5.18E-06	1.76E-03	0.002871	1.05E-03	6.58E-06	3.38E-03	4.44E-03
1131	482831.63	3853134.48	0.0715	0.07332	0.06029	1.06E-03	5.18E-06	1.57E-03	0.002638	1.09E-03	5.10E-06	1.74E-03	0.002837	1.03E-03	6.47E-06	3.35E-03	4.39E-03
1132	482881.63	3853134.48	0.07043	0.07223	0.05948	1.05E-03	5.10E-06	1.55E-03	0.002601	1.07E-03	5.02E-06	1.72E-03	0.002797	1.02E-03	6.37E-06	3.31E-03	4.33E-03
1133	482831.63	3853184.48	0.07646	0.0773	0.06347	1.14E-03	5.46E-06	1.65E-03	0.002795	1.16E-03	5.37E-06	1.84E-03	0.003005	1.10E-03	6.82E-06	3.53E-03	4.64E-03
1134	482881.63	3853184.48	0.07526	0.07615	0.06263	1.12E-03	5.38E-06	1.63E-03	0.002755	1.14E-03	5.29E-06	1.81E-03	0.002962	1.09E-03	6.72E-06	3.48E-03	4.57E-03
1135	484154.84	3854250.98	0.18464	0.18593	0.25038	2.75E-03	1.31E-05	6.51E-03	0.009275	2.81E-03	1.29E-05	7.25E-03	0.010066	2.67E-03	1.64E-05	1.39E-02	1.66E-02
1136	484204.84	3854250.98	0.18095	0.19178	0.24242	2.69E-03	1.35E-05	6.31E-03	0.009014	2.75E-03	1.33E-05	7.01E-03	0.00978	2.61E-03	1.69E-05	1.35E-02	1.61E-02
1137	484154.84	3854300.98	0.19259	0.21657	0.25891	2.87E-03	1.53E-05	6.74E-03	0.009618	2.93E-03	1.51E-05	7.49E-03	0.010436	2.78E-03	1.91E-05	1.44E-02	1.72E-02
1138	484204.84	3854300.98	0.19129	0.22636	0.25351	2.85E-03	1.60E-05	6.60E-03	0.009459	2.91E-03	1.57E-05	7.34E-03	0.010261	2.76E-03	2.00E-05	1.41E-02	1.69E-02
1139	484074.19	3854519.8	0.30926	0.59905	0.36961	4.60E-03	4.23E-05	9.62E-03	0.014261	4.70E-03	4.16E-05	1.07E-02	0.015441	4.47E-03	5.29E-05	2.05E-02	2.51E-02
1140	484124.19	3854519.8	0.29485	0.59633	0.35036	4.39E-03	4.21E-05	9.11E-03	0.013546	4.48E-03	4.14E-05	1.01E-02	0.014664	4.26E-03	5.26E-05	1.95E-02	2.38E-02
1141	484074.19	3854569.8	0.35358	0.80156	0.40299	5.26E-03	5.66E-05	1.05E-02	0.015804	5.38E-03	5.57E-05	1.17E-02	0.017095	5.11E-03	7.07E-05	2.24E-02	2.76E-02
1142	484124.19	3854569.8	0.33213	0.78118	0.37793	4.94E-03	5.52E-05	9.83E-03	0.014831	5.05E-03	5.43E-05	1.09E-02	0.016042	4.80E-03	6.89E-05	2.10E-02	2.59E-02
1143	485205.11	3855188.89	0.67696	1.26991	0.60135	1.01E-02	8.97E-05	1.56E-02	0.025811	1.03E-02	8.83E-05	1.74E-02	0.027785	9.78E-03	1.12E-04	3.34E-02	4.33E-02
1144	485255.11	3855188.89	0.63822	1.18375	0.56799	9.50E-03	8.36E-05	1.48E-02	0.02436	9.71E-03	8.23E-05	1.64E-02	0.026225	9.22E-03	1.04E-04	3.16E-02	4.09E-02
1145	485205.11	3855238.89	0.70748	1.18678	0.62471	1.05E-02	8.38E-05	1.63E-02	0.026867	1.08E-02	8.25E-05	1.81E-02	0.02892	1.02E-02	1.05E-04	3.47E-02	4.50E-02
1146	485255.11	3855238.89	0.6808	1.13534	0.60413	1.01E-02	8.02E-05	1.57E-02	0.025931	1.04E-02	7.89E-05	1.75E-02	0.027915	9.84E-03	1.00E-04	3.36E-02	4.35E-02
1147	485205.11	3855288.89	0.78898	1.17634	0.69971	1.17E-02	8.31E-05	1.82E-02	0.03003	1.20E-02	8.18E-05	2.02E-02	0.032329	1.14E-02	1.04E-04	3.89E-02	5.04E-02
1148	485255.11	3855288.89	0.7478	1.1133	0.66592	1.11E-02	7.86E-05	1.73E-02	0.028534	1.14E-02	7.74E-05	1.93E-02	0.03072	1.08E-02	9.82E-05	3.70E-02	4.79E-02
1149	485255.11	3855338.89	0.81997	1.08262	0.736	1.22E-02	7.64E-05	1.91E-02	0.031429	1.25E-02	7.52E-05	2.13E-02	0.033844	1.18E-02	9.55E-05	4.09E-02	5.28E-02
1150	485305.11	3855338.89	0.77484	1.02444	0.69617	1.15E-02	7.23E-05	1.81E-02	0.029717	1.18E-02	7.12E-05	2.01E-02	0.032001	1.12E-02	9.04E-05	3.87E-02	5.00E-02
1151	485852.5	3855635.28	0.71397	0.53916	0.68965	1.06E-02	3.81E-05	1.79E-02	0.028607	1.09E-02	3.75E-05	2.00E-02	0.030853	1.03E-02	4.76E-05	3.83E-02	4.87E-02
1152	485902.5	3855635.28	0.68039	0.52049	0.65663	1.01E-02	3.68E-05	1.71E-02	0.027247	1.03E-02	3.62E-05	1.90E-02	0.029385	9.83E-03	4.59E-05	3.65E-02	4.64E-02
1153	485852.5	3855685.28	0.74778	0.51019	0.72769	1.11E-02	3.60E-05	1.89E-02	0.030098	1.14E-02	3.55E-05	2.11E-02	0.032466	1.08E-02	4.50E-05	4.04E-02	5.13E-02
1154	485902.5	3855685.28	0.71155	0.49321	0.69167	1.06E-02	3.48E-05	1.80E-02	0.028621	1.08E-02	3.43E-05	2.00E-02	0.030871	1.03E-02	4.35E-05	3.84E-02	4.88E-02
1155	485852.5	3855735.28	0.78389	0.48359	0.76898	1.17E-02	3.41E-05	2.00E-02	0.031708	1.19E-02	3.36E-05	2.23E-02	0.034208	1.13E-02	4.27E-05	4.27E-02	5.41E-02
1156	485902.5	3855735.28	0.75048	0.47141	0.73635	1.12E-02	3.33E-05	1.92E-02	0.030361	1.14E-02	3.28E-05	2.13E-02	0.032755	1.08E-02	4.16E-05	4.09E-02	5.18E-02
1157	485852.5	3855785.28	0.82974	0.46331	0.8224	1.24E-02	3.27E-05	2.14E-02	0.033779	1.26E-02	3.22E-05	2.38E-02	0.03645	1.20E-02	4.09E-05	4.57E-02	5.77E-02
1158	485902.5	3855785.28	0.78344	0.44697	0.77464	1.17E-02	3.16E-05	2.02E-02	0.031846	1.19E-02	3.11E-05	2.24E-02	0.034362	1.13E-02	3.94E-05	4.30E-02	5.44E-02
1159	486809.46	3856465.28	0.75394	0.23529	0.79901	1.12E-02	1.66E-05	2.08E-02	0.032026	1.15E-02	1.64E-05	2.31E-02	0.034604	1.09E-02	2.08E-05	4.44E-02	5.53E-02
1160	486859.46	3856465.28	0.7392	0.2333	0.78263	1.10E-02	1.65E-05	2.04E-02	0.03138	1.12E-02	1.62E-05	2.26E-02	0.033906	1.07E-02	2.06E-05	4.35E-02	5.42E-02
1161	486909.46	3856465.28	0.72279	0.23092	0.76442	1.08E-02	1.63E-05	1.99E-02	0.030662	1.10E-02	1.60E-05	2.21E-02	0.033129	1.04E-02	2.04E-05	4.25E-02	5.29E-02
1162	486809.46	3856515.28	0.78886	0.23501	0.83767	1.17E-02	1.66E-05	2.18E-02	0.033551	1.20E-02	1.63E-05	2.42E-02	0.036254	1.14E-02	2.07E-05	4.65E-02	5.80E-02
1163	486859.46	3856515.28	0.77488	0.23396	0.82211	1.15E-02	1.65E-05	2.14E-02	0.032938	1.18E-02	1.63E-05	2.38E-02	0.035591	1.12E-02	2.06E-05	4.57E-02	5.69E-02
1164	486909.46	3856515.28	0.75856	0.23227	0.80398	1.13E-02	1.64E-05	2.09E-02	0.032224	1.15E-02	1.61E-05	2.33E-02	0.034818	1.10E-02	2.05E-05	4.47E-02	5.57E-02
1165	486980.94	3856357.95	0.64434	0.23056	0.67732	9.59E-03	1.63E-05	1.76E-02	0.027228	9.80E-03	1.60E-05	1.96E-02	0.029415	9.31E-03	2.03E-05	3.76E-02	4.70E-02
1166	487030.94	3856357.95	0.63287	0.22918	0.66478	9.42E-03	1.62E-05	1.73E-02	0.026731	9.63E-03	1.59E-05	1.92E-02	0.028878	9.15E-03	2.02E-05	3.69E-02	4.61E-02
1167	486980.94	3856407.95	0.67195	0.22949	0.70808	1.00E-02	1.62E-05	1.84E-02	0.028439	1.02E-02	1.60E-05	2.05E-02	0.030725	9.71E-03	2.02E-05	3.93E-02	4.91E-02
1168	487030.94	3856407.95	0.65884	0.22788	0.6937	9.81E-03	1.61E-05	1.80E-02	0.02787	1.00E-02	1.58E-05	2.01E-02	0.03011	9.52E-03	2.01E-05	3.85E-02	4.81E-02
1169	487447.18	3856437.45	0.58299	0.23099	0.61222	8.68E-03	1.63E-05	1.59E-02	0.024621	8.87E-03	1.61E-05	1.77E-02	0.026599	8.42E-03	2.04E-05	3.40E-02	4.25E-02
1170	487497.18	3856437.45	0.57377	0.23232	0.60239	8.54E-03	1.64E-05	1.57E-02	0.024229	8.73E-03	1.61E-05	1.74E-02	0.026174	8.29E-03	2.05E-05	3.35E-02	4.18E-02
1171	487547.18	3856437.45	0.56521	0.23376	0.59328	8.41E-03	1.65E-05	1.54E-02	0.023864	8.60E-03	1.62E-05	1.72E-02	0.02578	8.17E-03	2.06E-05	3.30E-02	4.12E-02

1172	487447.18	3856487.45	0.60378	0.23398	0.63513	8.99E-03	1.65E-05	1.65E-02	0.025527	9.18E-03	1.63E-05	1.84E-02	0.027578	8.72E-03	2.06E-05	3.53E-02	4.40E-02
1173	487497.18	3856487.45	0.59352	0.23535	0.62414	8.83E-03	1.66E-05	1.62E-02	0.025089	9.03E-03	1.64E-05	1.81E-02	0.027104	8.58E-03	2.08E-05	3.47E-02	4.33E-02
1174	487547.18	3856487.45	0.58439	0.23707	0.61439	8.70E-03	1.67E-05	1.60E-02	0.024699	8.89E-03	1.65E-05	1.78E-02	0.026683	8.44E-03	2.09E-05	3.41E-02	4.26E-02
1175	487447.18	3856537.45	0.62539	0.23868	0.65896	9.31E-03	1.69E-05	1.71E-02	0.026469	9.51E-03	1.66E-05	1.91E-02	0.028597	9.04E-03	2.11E-05	3.66E-02	4.57E-02
1176	487497.18	3856537.45	0.61403	0.24015	0.64673	9.14E-03	1.70E-05	1.68E-02	0.025982	9.34E-03	1.67E-05	1.87E-02	0.02807	8.87E-03	2.12E-05	3.59E-02	4.48E-02
1177	487547.18	3856537.45	0.60465	0.24248	0.63667	9.00E-03	1.71E-05	1.66E-02	0.025581	9.20E-03	1.69E-05	1.84E-02	0.027636	8.74E-03	2.14E-05	3.54E-02	4.41E-02
1178	489285.89	3858826.54	0.36932	0.13643	0.23664	5.50E-03	9.63E-06	6.16E-03	0.011663	5.62E-03	9.48E-06	6.85E-03	0.012474	5.34E-03	1.20E-05	1.31E-02	1.85E-02
1179	489335.89	3858826.54	0.35161	0.1369	0.23516	5.23E-03	9.67E-06	6.12E-03	0.011361	5.35E-03	9.51E-06	6.80E-03	0.012162	5.08E-03	1.21E-05	1.31E-02	1.82E-02
1180	489385.89	3858826.54	0.33645	0.13732	0.23378	5.01E-03	9.70E-06	6.08E-03	0.0111	5.12E-03	9.54E-06	6.76E-03	0.011891	4.86E-03	1.21E-05	1.30E-02	1.79E-02
1181	489435.89	3858826.54	0.32328	0.13756	0.23219	4.81E-03	9.71E-06	6.04E-03	0.010862	4.92E-03	9.56E-06	6.72E-03	0.011645	4.67E-03	1.21E-05	1.29E-02	1.76E-02
1182	489485.89	3858826.54	0.31188	0.13765	0.23049	4.64E-03	9.72E-06	6.00E-03	0.010648	4.74E-03	9.57E-06	6.67E-03	0.011423	4.51E-03	1.21E-05	1.28E-02	1.73E-02
1183	489535.89	3858826.54	0.30172	0.13763	0.22875	4.49E-03	9.72E-06	5.95E-03	0.010452	4.59E-03	9.57E-06	6.62E-03	0.011218	4.36E-03	1.21E-05	1.27E-02	1.71E-02
1184	489585.89	3858826.54	0.2926	0.13749	0.22694	4.36E-03	9.71E-06	5.90E-03	0.010269	4.45E-03	9.56E-06	6.57E-03	0.011027	4.23E-03	1.21E-05	1.26E-02	1.69E-02
1185	489635.89	3858826.54	0.28437	0.13727	0.22516	4.23E-03	9.69E-06	5.86E-03	0.0101	4.32E-03	9.54E-06	6.52E-03	0.01085	4.11E-03	1.21E-05	1.25E-02	1.66E-02
1186	489685.89	3858826.54	0.27678	0.13698	0.22336	4.12E-03	9.67E-06	5.81E-03	0.00994	4.21E-03	9.52E-06	6.46E-03	0.010682	4.00E-03	1.21E-05	1.24E-02	1.64E-02
1187	489735.89	3858826.54	0.26981	0.13662	0.22153	4.02E-03	9.65E-06	5.76E-03	0.009789	4.10E-03	9.50E-06	6.41E-03	0.010523	3.90E-03	1.21E-05	1.23E-02	1.62E-02
1188	489785.89	3858826.54	0.26348	0.13616	0.21958	3.92E-03	9.61E-06	5.71E-03	0.009644	4.01E-03	9.46E-06	6.35E-03	0.010371	3.81E-03	1.20E-05	1.22E-02	1.60E-02
1189	489835.89	3858826.54	0.2575	0.13571	0.21773	3.83E-03	9.58E-06	5.66E-03	0.009507	3.92E-03	9.43E-06	6.30E-03	0.010226	3.72E-03	1.20E-05	1.21E-02	1.58E-02
1190	489885.89	3858826.54	0.25205	0.13515	0.21573	3.75E-03	9.54E-06	5.61E-03	0.009374	3.83E-03	9.39E-06	6.24E-03	0.010085	3.64E-03	1.19E-05	1.20E-02	1.56E-02
1191	489935.89	3858826.54	0.24693	0.1346	0.21376	3.68E-03	9.50E-06	5.56E-03	0.009246	3.76E-03	9.36E-06	6.19E-03	0.00995	3.57E-03	1.19E-05	1.19E-02	1.55E-02
1192	489985.89	3858826.54	0.24208	0.13405	0.21182	3.60E-03	9.47E-06	5.51E-03	0.009123	3.68E-03	9.32E-06	6.13E-03	0.009821	3.50E-03	1.18E-05	1.18E-02	1.53E-02
1193	490035.89	3858826.54	0.23739	0.13356	0.21002	3.53E-03	9.43E-06	5.46E-03	0.009007	3.61E-03	9.28E-06	6.08E-03	0.009697	3.43E-03	1.18E-05	1.17E-02	1.51E-02
1194	489285.89	3858876.54	0.34617	0.12895	0.2208	5.15E-03	9.10E-06	5.74E-03	0.010906	5.26E-03	8.96E-06	6.39E-03	0.011663	5.00E-03	1.14E-05	1.23E-02	1.73E-02
1195	489335.89	3858876.54	0.33012	0.12957	0.21994	4.91E-03	9.15E-06	5.72E-03	0.010645	5.02E-03	9.01E-06	6.36E-03	0.011394	4.77E-03	1.14E-05	1.22E-02	1.70E-02
1196	489385.89	3858876.54	0.31652	0.1301	0.21889	4.71E-03	9.19E-06	5.69E-03	0.010415	4.81E-03	9.04E-06	6.33E-03	0.011157	4.57E-03	1.15E-05	1.22E-02	1.67E-02
1197	489435.89	3858876.54	0.30482	0.13053	0.21777	4.54E-03	9.22E-06	5.67E-03	0.010212	4.64E-03	9.07E-06	6.30E-03	0.010947	4.40E-03	1.15E-05	1.21E-02	1.65E-02
1198	489485.89	3858876.54	0.29454	0.13085	0.21656	4.38E-03	9.24E-06	5.63E-03	0.010027	4.48E-03	9.09E-06	6.27E-03	0.010755	4.26E-03	1.15E-05	1.20E-02	1.63E-02
1199	489535.89	3858876.54	0.28539	0.13106	0.2153	4.25E-03	9.25E-06	5.60E-03	0.009858	4.34E-03	9.11E-06	6.23E-03	0.01058	4.12E-03	1.16E-05	1.20E-02	1.61E-02
1200	489585.89	3858876.54	0.27721	0.13121	0.21408	4.13E-03	9.26E-06	5.57E-03	0.009705	4.22E-03	9.12E-06	6.19E-03	0.01042	4.01E-03	1.16E-05	1.19E-02	1.59E-02
1201	489635.89	3858876.54	0.26985	0.13117	0.21263	4.02E-03	9.26E-06	5.53E-03	0.009558	4.10E-03	9.12E-06	6.15E-03	0.010266	3.90E-03	1.16E-05	1.18E-02	1.57E-02
1202	489685.89	3858876.54	0.26312	0.13106	0.21121	3.92E-03	9.25E-06	5.49E-03	0.009421	4.00E-03	9.11E-06	6.11E-03	0.010123	3.80E-03	1.16E-05	1.17E-02	1.55E-02
1203	489735.89	3858876.54	0.25683	0.1309	0.2098	3.82E-03	9.24E-06	5.46E-03	0.00929	3.91E-03	9.10E-06	6.07E-03	0.009986	3.71E-03	1.15E-05	1.17E-02	1.54E-02
1204	489785.89	3858876.54	0.25113	0.13058	0.20821	3.74E-03	9.22E-06	5.42E-03	0.009164	3.82E-03	9.08E-06	6.03E-03	0.009853	3.63E-03	1.15E-05	1.16E-02	1.52E-02
1205	489835.89	3858876.54	0.24575	0.13026	0.2067	3.66E-03	9.20E-06	5.38E-03	0.009045	3.74E-03	9.05E-06	5.98E-03	0.009728	3.55E-03	1.15E-05	1.15E-02	1.50E-02
1206	489885.89	3858876.54	0.24089	0.12979	0.20497	3.59E-03	9.16E-06	5.33E-03	0.008927	3.66E-03	9.02E-06	5.93E-03	0.009604	3.48E-03	1.15E-05	1.14E-02	1.49E-02
1207	489935.89	3858876.54	0.23616	0.12939	0.20344	3.52E-03	9.14E-06	5.29E-03	0.008817	3.59E-03	8.99E-06	5.89E-03	0.009488	3.41E-03	1.14E-05	1.13E-02	1.47E-02
1208	489985.89	3858876.54	0.23167	0.12898	0.20193	3.45E-03	9.11E-06	5.25E-03	0.008711	3.52E-03	8.96E-06	5.84E-03	0.009376	3.35E-03	1.14E-05	1.12E-02	1.46E-02
1209	490035.89	3858876.54	0.22745	0.12854	0.20037	3.39E-03	9.08E-06	5.21E-03	0.008607	3.46E-03	8.93E-06	5.80E-03	0.009266	3.29E-03	1.13E-05	1.11E-02	1.44E-02
1210	489285.89	3858926.54	0.31701	0.12186	0.20594	4.72E-03	8.60E-06	5.36E-03	0.010085	4.82E-03	8.47E-06	5.96E-03	0.010789	4.58E-03	1.08E-05	1.14E-02	1.60E-02
1211	489335.89	3858926.54	0.30439	0.12254	0.20558	4.53E-03	8.65E-06	5.35E-03	0.009888	4.63E-03	8.52E-06	5.95E-03	0.010587	4.40E-03	1.08E-05	1.14E-02	1.58E-02
1212	489385.89	3858926.54	0.29337	0.12322	0.20515	4.37E-03	8.70E-06	5.34E-03	0.009713	4.46E-03	8.56E-06	5.94E-03	0.010407	4.24E-03	1.09E-05	1.14E-02	1.56E-02
1213	489435.89	3858926.54	0.28378	0.12377	0.20444	4.22E-03	8.74E-06	5.32E-03	0.009551	4.32E-03	8.60E-06	5.92E-03	0.01024	4.10E-03	1.09E-05	1.14E-02	1.55E-02
1214	489485.89	3858926.54	0.27529	0.12426	0.20365	4.10E-03	8.77E-06	5.30E-03	0.009405	4.19E-03	8.64E-06	5.89E-03	0.010089	3.98E-03	1.10E-05	1.13E-02	1.53E-02
1215	489535.89	3858926.54	0.26767	0.12466	0.20278	3.98E-03	8.80E-06	5.28E-03	0.009269	4.07E-03	8.66E-06	5.87E-03	0.009948	3.87E-03	1.10E-05	1.13E-02	1.51E-02
1216	489585.89	3858926.54	0.26075	0.12496	0.20184	3.88E-03	8.82E-06	5.25E-03	0.009141	3.97E-03	8.69E-06	5.84E-03	0.009815	3.77E-03	1.10E-05	1.12E-02	1.50E-02
1217	489635.89	3858926.54	0.2545	0.12515	0.20082	3.79E-03	8.84E-06	5.22E-03	0.009022	3.87E-03	8.70E-06	5.81E-03	0.009691	3.68E-03	1.10E-05	1.12E-02	1.48E-02
1218	489685.89	3858926.54	0.24866	0.12528	0.19981	3.70E-03	8.85E-06	5.20E-03	0.008908	3.78E-03	8.71E-06	5.78E-03	0.009572	3.59E-03	1.11E-05	1.11E-02	1.47E-02

1219	489735.89	3858926.54	0.24336	0.12523	0.19859	3.62E-03	8.84E-06	5.17E-03	0.008798	3.70E-03	8.70E-06	5.75E-03	0.009457	3.52E-03	1.10E-05	1.10E-02	1.46E-02
1220	489785.89	3858926.54	0.23845	0.12508	0.1973	3.55E-03	8.83E-06	5.13E-03	0.008691	3.63E-03	8.69E-06	5.71E-03	0.009345	3.45E-03	1.10E-05	1.10E-02	1.44E-02
1221	489835.89	3858926.54	0.23373	0.12493	0.19613	3.48E-03	8.82E-06	5.10E-03	0.00859	3.55E-03	8.68E-06	5.68E-03	0.009239	3.38E-03	1.10E-05	1.09E-02	1.43E-02
1222	489885.89	3858926.54	0.22939	0.12464	0.1948	3.41E-03	8.80E-06	5.07E-03	0.008491	3.49E-03	8.66E-06	5.64E-03	0.009134	3.31E-03	1.10E-05	1.08E-02	1.42E-02
1223	489935.89	3858926.54	0.22525	0.12435	0.19352	3.35E-03	8.78E-06	5.03E-03	0.008396	3.43E-03	8.64E-06	5.60E-03	0.009034	3.25E-03	1.10E-05	1.08E-02	1.40E-02
1224	489985.89	3858926.54	0.22124	0.12406	0.19232	3.29E-03	8.76E-06	5.00E-03	0.008305	3.36E-03	8.62E-06	5.57E-03	0.008939	3.20E-03	1.09E-05	1.07E-02	1.39E-02
1225	490035.89	3858926.54	0.21731	0.12381	0.19122	3.23E-03	8.74E-06	4.97E-03	0.008218	3.31E-03	8.61E-06	5.53E-03	0.008847	3.14E-03	1.09E-05	1.06E-02	1.38E-02
1226	489335.89	3858976.54	0.27682	0.11601	0.19222	4.12E-03	8.19E-06	5.00E-03	0.009129	4.21E-03	8.06E-06	5.56E-03	0.00978	4.00E-03	1.02E-05	1.07E-02	1.47E-02
1227	489385.89	3858976.54	0.26895	0.1167	0.19223	4.00E-03	8.24E-06	5.00E-03	0.009013	4.09E-03	8.11E-06	5.56E-03	0.009661	3.89E-03	1.03E-05	1.07E-02	1.46E-02
1228	489435.89	3858976.54	0.26191	0.11727	0.19182	3.90E-03	8.28E-06	4.99E-03	0.008897	3.98E-03	8.15E-06	5.55E-03	0.009542	3.78E-03	1.03E-05	1.07E-02	1.45E-02
1229	489485.89	3858976.54	0.25536	0.11788	0.19149	3.80E-03	8.32E-06	4.98E-03	0.008791	3.88E-03	8.19E-06	5.54E-03	0.009433	3.69E-03	1.04E-05	1.06E-02	1.43E-02
1230	489535.89	3858976.54	0.24931	0.11845	0.19107	3.71E-03	8.36E-06	4.97E-03	0.00869	3.79E-03	8.23E-06	5.53E-03	0.009329	3.60E-03	1.05E-05	1.06E-02	1.42E-02
1231	489585.89	3858976.54	0.24387	0.11886	0.19037	3.63E-03	8.39E-06	4.95E-03	0.008591	3.71E-03	8.26E-06	5.51E-03	0.009226	3.52E-03	1.05E-05	1.06E-02	1.41E-02
1232	489635.89	3858976.54	0.23875	0.11923	0.18969	3.55E-03	8.42E-06	4.93E-03	0.008497	3.63E-03	8.29E-06	5.49E-03	0.009128	3.45E-03	1.05E-05	1.05E-02	1.40E-02
1233	489685.89	3858976.54	0.23403	0.11953	0.18898	3.48E-03	8.44E-06	4.92E-03	0.008408	3.56E-03	8.31E-06	5.47E-03	0.009036	3.38E-03	1.05E-05	1.05E-02	1.39E-02
1234	489735.89	3858976.54	0.22962	0.11968	0.18809	3.42E-03	8.45E-06	4.89E-03	0.00832	3.49E-03	8.32E-06	5.44E-03	0.008943	3.32E-03	1.06E-05	1.05E-02	1.38E-02
1235	489785.89	3858976.54	0.2255	0.11969	0.18705	3.36E-03	8.45E-06	4.87E-03	0.008231	3.43E-03	8.32E-06	5.41E-03	0.008851	3.26E-03	1.06E-05	1.04E-02	1.37E-02
1236	489835.89	3858976.54	0.22161	0.11964	0.18602	3.30E-03	8.45E-06	4.84E-03	0.008147	3.37E-03	8.32E-06	5.38E-03	0.008762	3.20E-03	1.06E-05	1.03E-02	1.35E-02
1237	489885.89	3858976.54	0.21781	0.11964	0.1852	3.24E-03	8.45E-06	4.82E-03	0.008069	3.31E-03	8.32E-06	5.36E-03	0.00868	3.15E-03	1.06E-05	1.03E-02	1.34E-02
1238	489935.89	3858976.54	0.2142	0.11951	0.18424	3.19E-03	8.44E-06	4.79E-03	0.00799	3.26E-03	8.31E-06	5.33E-03	0.008597	3.10E-03	1.05E-05	1.02E-02	1.33E-02
1239	489985.89	3858976.54	0.21079	0.1193	0.1832	3.14E-03	8.42E-06	4.77E-03	0.007912	3.21E-03	8.29E-06	5.30E-03	0.008515	3.05E-03	1.05E-05	1.02E-02	1.32E-02
1240	490035.89	3858976.54	0.20684	0.11939	0.18278	3.08E-03	8.43E-06	4.76E-03	0.007842	3.15E-03	8.30E-06	5.29E-03	0.008443	2.99E-03	1.05E-05	1.02E-02	1.32E-02
1241	489385.89	3859026.54	0.24483	0.11065	0.18007	3.64E-03	7.81E-06	4.68E-03	0.008337	3.72E-03	7.69E-06	5.21E-03	0.008942	3.54E-03	9.76E-06	1.00E-02	1.36E-02
1242	489435.89	3859026.54	0.24008	0.11126	0.18017	3.57E-03	7.86E-06	4.69E-03	0.008269	3.65E-03	7.73E-06	5.21E-03	0.008873	3.47E-03	9.82E-06	1.00E-02	1.35E-02
1243	489485.89	3859026.54	0.23552	0.11188	0.18016	3.51E-03	7.90E-06	4.69E-03	0.008201	3.58E-03	7.78E-06	5.21E-03	0.008803	3.40E-03	9.87E-06	1.00E-02	1.34E-02
1244	489535.89	3859026.54	0.23118	0.11246	0.17996	3.44E-03	7.94E-06	4.68E-03	0.008131	3.52E-03	7.82E-06	5.21E-03	0.008731	3.34E-03	9.92E-06	1.00E-02	1.34E-02
1245	489585.89	3859026.54	0.22696	0.11304	0.17974	3.38E-03	7.98E-06	4.68E-03	0.008062	3.45E-03	7.86E-06	5.20E-03	0.008661	3.28E-03	9.97E-06	9.99E-03	1.33E-02
1246	489635.89	3859026.54	0.22308	0.1135	0.17929	3.32E-03	8.01E-06	4.66E-03	0.007993	3.39E-03	7.89E-06	5.19E-03	0.008589	3.22E-03	1.00E-05	9.96E-03	1.32E-02
1247	489685.89	3859026.54	0.21939	0.1139	0.17878	3.27E-03	8.04E-06	4.65E-03	0.007925	3.34E-03	7.92E-06	5.17E-03	0.008518	3.17E-03	1.00E-05	9.93E-03	1.31E-02
1248	489735.89	3859026.54	0.2159	0.11418	0.1781	3.21E-03	8.06E-06	4.63E-03	0.007855	3.28E-03	7.94E-06	5.15E-03	0.008445	3.12E-03	1.01E-05	9.90E-03	1.30E-02
1249	489785.89	3859026.54	0.21258	0.11437	0.17737	3.16E-03	8.08E-06	4.61E-03	0.007787	3.23E-03	7.95E-06	5.13E-03	0.008374	3.07E-03	1.01E-05	9.86E-03	1.29E-02
1250	489835.89	3859026.54	0.20937	0.1146	0.17681	3.12E-03	8.09E-06	4.60E-03	0.007724	3.18E-03	7.97E-06	5.12E-03	0.008309	3.03E-03	1.01E-05	9.82E-03	1.29E-02
1251	489885.89	3859026.54	0.2063	0.11469	0.17609	3.07E-03	8.10E-06	4.58E-03	0.00766	3.14E-03	7.97E-06	5.10E-03	0.008241	2.98E-03	1.01E-05	9.78E-03	1.28E-02
1252	489935.89	3859026.54	0.20326	0.11473	0.1754	3.03E-03	8.10E-06	4.56E-03	0.007597	3.09E-03	7.97E-06	5.08E-03	0.008175	2.94E-03	1.01E-05	9.75E-03	1.27E-02
1253	489985.89	3859026.54	0.20034	0.1147	0.17465	2.98E-03	8.10E-06	4.54E-03	0.007534	3.05E-03	7.97E-06	5.05E-03	0.008109	2.89E-03	1.01E-05	9.70E-03	1.26E-02
1254	490035.89	3859026.54	0.19673	0.11496	0.17452	2.93E-03	8.12E-06	4.54E-03	0.007477	2.99E-03	7.99E-06	5.05E-03	0.00805	2.84E-03	1.01E-05	9.70E-03	1.26E-02
1255	489485.89	3859076.54	0.21663	0.10628	0.16943	3.22E-03	7.50E-06	4.41E-03	0.00764	3.29E-03	7.39E-06	4.90E-03	0.008205	3.13E-03	9.38E-06	9.41E-03	1.26E-02
1256	489535.89	3859076.54	0.21371	0.10687	0.1696	3.18E-03	7.55E-06	4.41E-03	0.007601	3.25E-03	7.43E-06	4.91E-03	0.008165	3.09E-03	9.43E-06	9.42E-03	1.25E-02
1257	489585.89	3859076.54	0.21073	0.10746	0.16964	3.14E-03	7.59E-06	4.41E-03	0.007558	3.20E-03	7.47E-06	4.91E-03	0.008121	3.05E-03	9.48E-06	9.43E-03	1.25E-02
1258	489635.89	3859076.54	0.20796	0.10795	0.16939	3.10E-03	7.62E-06	4.41E-03	0.00751	3.16E-03	7.50E-06	4.90E-03	0.008072	3.01E-03	9.52E-06	9.41E-03	1.24E-02
1259	489685.89	3859076.54	0.20523	0.10841	0.16908	3.05E-03	7.65E-06	4.40E-03	0.007461	3.12E-03	7.53E-06	4.89E-03	0.008022	2.97E-03	9.57E-06	9.40E-03	1.24E-02
1260	489735.89	3859076.54	0.20255	0.10882	0.1687	3.01E-03	7.68E-06	4.39E-03	0.007411	3.08E-03	7.56E-06	4.88E-03	0.00797	2.93E-03	9.60E-06	9.37E-03	1.23E-02
1261	489785.89	3859076.54	0.19995	0.10917	0.16825	2.98E-03	7.71E-06	4.38E-03	0.007361	3.04E-03	7.59E-06	4.87E-03	0.007917	2.89E-03	9.63E-06	9.35E-03	1.22E-02
1262	489835.89	3859076.54	0.19739	0.10951	0.16786	2.94E-03	7.73E-06	4.37E-03	0.007313	3.00E-03	7.61E-06	4.86E-03	0.007867	2.85E-03	9.66E-06	9.33E-03	1.22E-02
1263	489885.89	3859076.54	0.19493	0.10978	0.16742	2.90E-03	7.75E-06	4.36E-03	0.007265	2.96E-03	7.63E-06	4.84E-03	0.007817	2.82E-03	9.69E-06	9.30E-03	1.21E-02
1264	489935.89	3859076.54	0.19253	0.10993	0.16687	2.87E-03	7.76E-06	4.34E-03	0.007215	2.93E-03	7.64E-06	4.83E-03	0.007765	2.78E-03	9.70E-06	9.27E-03	1.21E-02
1265	489985.89	3859076.54	0.19012	0.11009	0.16641	2.83E-03	7.77E-06	4.33E-03	0.007167	2.89E-03	7.65E-06	4.82E-03	0.007715	2.75E-03	9.71E-06	9.25E-03	1.20E-02

1266	490035.89	3859076.54	0.1872	0.11044	0.1664	2.79E-03	7.80E-06	4.33E-03	0.007123	2.85E-03	7.68E-06	4.82E-03	0.00767	2.71E-03	9.74E-06	9.25E-03	1.20E-02
1267	489585.89	3859126.54	0.19564	0.1022	0.15994	2.91E-03	7.22E-06	4.16E-03	0.00708	2.98E-03	7.10E-06	4.63E-03	0.007611	2.83E-03	9.02E-06	8.89E-03	1.17E-02
1268	489635.89	3859126.54	0.19375	0.10269	0.15996	2.88E-03	7.25E-06	4.16E-03	0.007053	2.95E-03	7.14E-06	4.63E-03	0.007583	2.80E-03	9.06E-06	8.89E-03	1.17E-02
1269	489685.89	3859126.54	0.19181	0.1032	0.15994	2.86E-03	7.29E-06	4.16E-03	0.007023	2.92E-03	7.17E-06	4.63E-03	0.007553	2.77E-03	9.11E-06	8.89E-03	1.17E-02
1270	489735.89	3859126.54	0.18982	0.10368	0.15983	2.83E-03	7.32E-06	4.16E-03	0.006991	2.89E-03	7.21E-06	4.63E-03	0.007519	2.74E-03	9.15E-06	8.88E-03	1.16E-02
1271	489785.89	3859126.54	0.18785	0.10412	0.15962	2.80E-03	7.35E-06	4.15E-03	0.006956	2.86E-03	7.24E-06	4.62E-03	0.007483	2.71E-03	9.19E-06	8.87E-03	1.16E-02
1272	489835.89	3859126.54	0.18587	0.10456	0.15943	2.77E-03	7.38E-06	4.15E-03	0.006922	2.83E-03	7.27E-06	4.61E-03	0.007448	2.69E-03	9.23E-06	8.86E-03	1.16E-02
1273	489885.89	3859126.54	0.18391	0.10497	0.15925	2.74E-03	7.41E-06	4.14E-03	0.006888	2.80E-03	7.30E-06	4.61E-03	0.007413	2.66E-03	9.26E-06	8.85E-03	1.15E-02
1274	489935.89	3859126.54	0.18203	0.10526	0.15888	2.71E-03	7.43E-06	4.13E-03	0.00685	2.77E-03	7.32E-06	4.60E-03	0.007373	2.63E-03	9.29E-06	8.83E-03	1.15E-02
1275	489985.89	3859126.54	0.17999	0.10565	0.15881	2.68E-03	7.46E-06	4.13E-03	0.006818	2.74E-03	7.34E-06	4.60E-03	0.00734	2.60E-03	9.32E-06	8.82E-03	1.14E-02
1276	490035.89	3859126.54	0.17787	0.10596	0.15863	2.65E-03	7.48E-06	4.13E-03	0.006782	2.71E-03	7.36E-06	4.59E-03	0.007303	2.57E-03	9.35E-06	8.81E-03	1.14E-02
1277	489585.89	3859176.54	0.18165	0.09741	0.15088	2.70E-03	6.88E-06	3.93E-03	0.006636	2.76E-03	6.77E-06	4.37E-03	0.007136	2.62E-03	8.59E-06	8.38E-03	1.10E-02
1278	489635.89	3859176.54	0.1805	0.09784	0.15111	2.69E-03	6.91E-06	3.93E-03	0.006625	2.75E-03	6.80E-06	4.37E-03	0.007125	2.61E-03	8.63E-06	8.40E-03	1.10E-02
1279	489685.89	3859176.54	0.17923	0.09829	0.15122	2.67E-03	6.94E-06	3.93E-03	0.006609	2.73E-03	6.83E-06	4.38E-03	0.007109	2.59E-03	8.67E-06	8.40E-03	1.10E-02
1280	489735.89	3859176.54	0.1779	0.09875	0.15127	2.65E-03	6.97E-06	3.94E-03	0.00659	2.71E-03	6.86E-06	4.38E-03	0.00709	2.57E-03	8.71E-06	8.41E-03	1.10E-02
1281	489785.89	3859176.54	0.17649	0.09928	0.1514	2.63E-03	7.01E-06	3.94E-03	0.006573	2.68E-03	6.90E-06	4.38E-03	0.007072	2.55E-03	8.76E-06	8.41E-03	1.10E-02
1282	489835.89	3859176.54	0.17501	0.09977	0.1514	2.60E-03	7.04E-06	3.94E-03	0.006551	2.66E-03	6.93E-06	4.38E-03	0.00705	2.53E-03	8.80E-06	8.41E-03	1.10E-02
1283	489885.89	3859176.54	0.1735	0.10026	0.1514	2.58E-03	7.08E-06	3.94E-03	0.006528	2.64E-03	6.97E-06	4.38E-03	0.007027	2.51E-03	8.85E-06	8.41E-03	1.09E-02
1284	489935.89	3859176.54	0.17203	0.10064	0.15122	2.56E-03	7.11E-06	3.93E-03	0.006502	2.62E-03	6.99E-06	4.38E-03	0.006999	2.49E-03	8.88E-06	8.40E-03	1.09E-02
1285	489985.89	3859176.54	0.17041	0.10115	0.15132	2.54E-03	7.14E-06	3.94E-03	0.00648	2.59E-03	7.03E-06	4.38E-03	0.006978	2.46E-03	8.92E-06	8.41E-03	1.09E-02
1286	490035.89	3859176.54	0.16896	0.10141	0.151	2.51E-03	7.16E-06	3.93E-03	0.00645	2.57E-03	7.05E-06	4.37E-03	0.006946	2.44E-03	8.95E-06	8.39E-03	1.08E-02
1287	489685.89	3859226.54	0.16756	0.09382	0.14307	2.49E-03	6.62E-06	3.72E-03	0.006223	2.55E-03	6.52E-06	4.14E-03	0.006695	2.42E-03	8.28E-06	7.95E-03	1.04E-02
1288	489735.89	3859226.54	0.16675	0.0942	0.14323	2.48E-03	6.65E-06	3.73E-03	0.006215	2.54E-03	6.55E-06	4.14E-03	0.006687	2.41E-03	8.31E-06	7.96E-03	1.04E-02
1289	489785.89	3859226.54	0.16584	0.09469	0.14349	2.47E-03	6.69E-06	3.73E-03	0.006208	2.52E-03	6.58E-06	4.15E-03	0.006681	2.40E-03	8.35E-06	7.97E-03	1.04E-02
1290	489835.89	3859226.54	0.16483	0.09524	0.14379	2.45E-03	6.72E-06	3.74E-03	0.006201	2.51E-03	6.62E-06	4.16E-03	0.006674	2.38E-03	8.40E-06	7.99E-03	1.04E-02
1291	489885.89	3859226.54	0.16374	0.09573	0.14392	2.44E-03	6.76E-06	3.74E-03	0.006188	2.49E-03	6.65E-06	4.16E-03	0.006662	2.37E-03	8.45E-06	8.00E-03	1.04E-02
1292	489935.89	3859226.54	0.16262	0.09622	0.144	2.42E-03	6.79E-06	3.75E-03	0.006174	2.47E-03	6.69E-06	4.17E-03	0.006647	2.35E-03	8.49E-06	8.00E-03	1.04E-02
1293	489985.89	3859226.54	0.16125	0.09685	0.14436	2.40E-03	6.84E-06	3.76E-03	0.006163	2.45E-03	6.73E-06	4.18E-03	0.006637	2.33E-03	8.55E-06	8.02E-03	1.04E-02
1294	490035.89	3859226.54	0.16017	0.09715	0.14411	2.38E-03	6.86E-06	3.75E-03	0.00614	2.44E-03	6.75E-06	4.17E-03	0.006613	2.31E-03	8.57E-06	8.01E-03	1.03E-02
1295	489735.89	3859276.54	0.15635	0.09004	0.13564	2.33E-03	6.36E-06	3.53E-03	0.005862	2.38E-03	6.26E-06	3.93E-03	0.006309	2.26E-03	7.94E-06	7.54E-03	9.80E-03
1296	489785.89	3859276.54	0.15588	0.09043	0.13597	2.32E-03	6.39E-06	3.54E-03	0.005864	2.37E-03	6.29E-06	3.93E-03	0.006312	2.25E-03	7.98E-06	7.56E-03	9.82E-03
1297	489835.89	3859276.54	0.15532	0.09096	0.13645	2.31E-03	6.42E-06	3.55E-03	0.005868	2.36E-03	6.32E-06	3.95E-03	0.006317	2.24E-03	8.03E-06	7.58E-03	9.83E-03
1298	489885.89	3859276.54	0.15463	0.09143	0.13671	2.30E-03	6.46E-06	3.56E-03	0.005865	2.35E-03	6.35E-06	3.96E-03	0.006314	2.23E-03	8.07E-06	7.60E-03	9.84E-03
1299	489935.89	3859276.54	0.15381	0.09197	0.13703	2.29E-03	6.49E-06	3.56E-03	0.005861	2.34E-03	6.39E-06	3.97E-03	0.006311	2.22E-03	8.11E-06	7.61E-03	9.84E-03
1300	489985.89	3859276.54	0.15273	0.09266	0.13761	2.27E-03	6.54E-06	3.58E-03	0.00586	2.32E-03	6.44E-06	3.98E-03	0.006311	2.21E-03	8.18E-06	7.65E-03	9.86E-03
1301	490035.89	3859276.54	0.15201	0.09293	0.13735	2.26E-03	6.56E-06	3.57E-03	0.005842	2.31E-03	6.46E-06	3.97E-03	0.006293	2.20E-03	8.20E-06	7.63E-03	9.84E-03
1302	490458.06	3859590.74	0.11028	0.0739	0.10383	1.64E-03	5.22E-06	2.70E-03	0.004348	1.68E-03	5.14E-06	3.00E-03	0.004687	1.59E-03	6.52E-06	5.77E-03	7.37E-03
1303	490508.06	3859590.74	0.11025	0.07436	0.10427	1.64E-03	5.25E-06	2.71E-03	0.004359	1.68E-03	5.17E-06	3.02E-03	0.004699	1.59E-03	6.56E-06	5.79E-03	7.39E-03
1304	490558.06	3859590.74	0.1101	0.0748	0.10463	1.64E-03	5.28E-06	2.72E-03	0.004366	1.67E-03	5.20E-06	3.03E-03	0.004707	1.59E-03	6.60E-06	5.81E-03	7.41E-03
1305	490608.06	3859590.74	0.10987	0.07522	0.10495	1.64E-03	5.31E-06	2.73E-03	0.004371	1.67E-03	5.23E-06	3.04E-03	0.004713	1.59E-03	6.64E-06	5.83E-03	7.43E-03
1306	490658.06	3859590.74	0.10957	0.07561	0.10522	1.63E-03	5.34E-06	2.74E-03	0.004374	1.67E-03	5.26E-06	3.04E-03	0.004716	1.58E-03	6.67E-06	5.85E-03	7.44E-03
1307	490708.06	3859590.74	0.10922	0.07595	0.10541	1.63E-03	5.36E-06	2.74E-03	0.004373	1.66E-03	5.28E-06	3.05E-03	0.004717	1.58E-03	6.70E-06	5.86E-03	7.44E-03
1308	490758.06	3859590.74	0.10875	0.07625	0.10554	1.62E-03	5.38E-06	2.75E-03	0.00437	1.65E-03	5.30E-06	3.05E-03	0.004713	1.57E-03	6.73E-06	5.86E-03	7.44E-03
1309	490808.06	3859590.74	0.10827	0.07646	0.10555	1.61E-03	5.40E-06	2.75E-03	0.004363	1.65E-03	5.31E-06	3.05E-03	0.004706	1.56E-03	6.75E-06	5.87E-03	7.44E-03
1310	490858.06	3859590.74	0.10771	0.07662	0.1055	1.60E-03	5.41E-06	2.74E-03	0.004353	1.64E-03	5.33E-06	3.05E-03	0.004696	1.56E-03	6.76E-06	5.86E-03	7.43E-03
1311	490458.06	3859640.74	0.10535	0.07093	0.09919	1.57E-03	5.01E-06	2.58E-03	0.004154	1.60E-03	4.93E-06	2.87E-03	0.004477	1.52E-03	6.26E-06	5.51E-03	7.04E-03
1312	490508.06	3859640.74	0.10549	0.07137	0.09967	1.57E-03	5.04E-06	2.59E-03	0.004168	1.60E-03	4.96E-06	2.88E-03	0.004494	1.52E-03	6.30E-06	5.54E-03	7.07E-03

1313	490558.06	3859640.74	0.10557	0.0718	0.10011	1.57E-03	5.07E-06	2.60E-03	0.004181	1.61E-03	4.99E-06	2.90E-03	0.004507	1.53E-03	6.34E-06	5.56E-03	7.09E-03
1314	490608.06	3859640.74	0.10557	0.07228	0.10059	1.57E-03	5.10E-06	2.62E-03	0.004193	1.61E-03	5.02E-06	2.91E-03	0.004521	1.53E-03	6.38E-06	5.59E-03	7.12E-03
1315	490658.06	3859640.74	0.10542	0.07274	0.10101	1.57E-03	5.14E-06	2.63E-03	0.004202	1.60E-03	5.06E-06	2.92E-03	0.004531	1.52E-03	6.42E-06	5.61E-03	7.14E-03
1316	490708.06	3859640.74	0.1052	0.07312	0.1013	1.57E-03	5.16E-06	2.64E-03	0.004206	1.60E-03	5.08E-06	2.93E-03	0.004536	1.52E-03	6.45E-06	5.63E-03	7.16E-03
1317	490758.06	3859640.74	0.10492	0.07348	0.10154	1.56E-03	5.19E-06	2.64E-03	0.004209	1.60E-03	5.11E-06	2.94E-03	0.004539	1.52E-03	6.48E-06	5.64E-03	7.16E-03
1318	490808.06	3859640.74	0.10459	0.07375	0.10164	1.56E-03	5.21E-06	2.64E-03	0.004206	1.59E-03	5.13E-06	2.94E-03	0.004537	1.51E-03	6.51E-06	5.65E-03	7.17E-03
1319	490858.06	3859640.74	0.10424	0.07398	0.10168	1.55E-03	5.22E-06	2.65E-03	0.004202	1.59E-03	5.14E-06	2.94E-03	0.004533	1.51E-03	6.53E-06	5.65E-03	7.16E-03
1320	490608.06	3859690.74	0.10128	0.06948	0.09637	1.51E-03	4.91E-06	2.51E-03	0.00402	1.54E-03	4.83E-06	2.79E-03	0.004334	1.46E-03	6.13E-06	5.35E-03	6.82E-03
1321	490658.06	3859690.74	0.10135	0.06995	0.09688	1.51E-03	4.94E-06	2.52E-03	0.004034	1.54E-03	4.86E-06	2.80E-03	0.00435	1.46E-03	6.17E-06	5.38E-03	6.85E-03
1322	490708.06	3859690.74	0.10127	0.07037	0.09728	1.51E-03	4.97E-06	2.53E-03	0.004043	1.54E-03	4.89E-06	2.82E-03	0.00436	1.46E-03	6.21E-06	5.41E-03	6.88E-03
1323	490758.06	3859690.74	0.10112	0.07077	0.09762	1.51E-03	5.00E-06	2.54E-03	0.00405	1.54E-03	4.92E-06	2.82E-03	0.004368	1.46E-03	6.24E-06	5.42E-03	6.89E-03
1324	490808.06	3859690.74	0.10093	0.0711	0.09784	1.50E-03	5.02E-06	2.55E-03	0.004053	1.54E-03	4.94E-06	2.83E-03	0.004371	1.46E-03	6.27E-06	5.44E-03	6.90E-03
1325	490858.06	3859690.74	0.10072	0.07134	0.0979	1.50E-03	5.04E-06	2.55E-03	0.004051	1.53E-03	4.96E-06	2.83E-03	0.00437	1.46E-03	6.29E-06	5.44E-03	6.90E-03
1326	490708.06	3859740.74	0.09736	0.06769	0.09329	1.45E-03	4.78E-06	2.43E-03	0.003881	1.48E-03	4.70E-06	2.70E-03	0.004185	1.41E-03	5.97E-06	5.18E-03	6.60E-03
1327	490758.06	3859740.74	0.09735	0.06803	0.09359	1.45E-03	4.80E-06	2.43E-03	0.003889	1.48E-03	4.73E-06	2.71E-03	0.004194	1.41E-03	6.00E-06	5.20E-03	6.61E-03
1328	490808.06	3859740.74	0.09729	0.06839	0.09389	1.45E-03	4.83E-06	2.44E-03	0.003896	1.48E-03	4.75E-06	2.72E-03	0.004201	1.41E-03	6.03E-06	5.22E-03	6.63E-03
1329	490858.06	3859740.74	0.09718	0.0687	0.0941	1.45E-03	4.85E-06	2.45E-03	0.003899	1.48E-03	4.77E-06	2.72E-03	0.004206	1.40E-03	6.06E-06	5.23E-03	6.64E-03
1330	490786.56	3859749.39	0.09668	0.06778	0.09308	1.44E-03	4.79E-06	2.42E-03	0.003865	1.47E-03	4.71E-06	2.69E-03	0.004169	1.40E-03	5.98E-06	5.17E-03	6.58E-03
1331	490836.56	3859749.39	0.09661	0.06812	0.09337	1.44E-03	4.81E-06	2.43E-03	0.003872	1.47E-03	4.73E-06	2.70E-03	0.004176	1.40E-03	6.01E-06	5.19E-03	6.59E-03
1332	490786.56	3859799.39	0.09292	0.06521	0.08925	1.38E-03	4.60E-06	2.32E-03	0.00371	1.41E-03	4.53E-06	2.58E-03	0.004	1.34E-03	5.75E-06	4.96E-03	6.31E-03
1333	490836.56	3859799.39	0.09301	0.06557	0.08962	1.38E-03	4.63E-06	2.33E-03	0.003721	1.41E-03	4.56E-06	2.59E-03	0.004012	1.34E-03	5.79E-06	4.98E-03	6.33E-03
1334	492307.84	3854508.36	0.09189	0.10726	0.09562	1.37E-03	7.57E-06	2.49E-03	0.003863	1.40E-03	7.45E-06	2.77E-03	0.004172	1.33E-03	9.46E-06	5.31E-03	6.65E-03
1335	486445.7	3854753.6	0.19035	0.4092	0.18623	2.83E-03	2.89E-05	4.84E-03	0.007707	2.89E-03	2.84E-05	5.39E-03	0.008312	2.75E-03	3.61E-05	1.03E-02	1.31E-02
1336	472599.75	3877830.11	0.00336	0.00299	0.00304	5.00E-05	2.11E-07	7.91E-05	0.000129	5.11E-05	2.08E-07	8.80E-05	0.000139	4.86E-05	2.64E-07	1.69E-04	2.18E-04
1337	493107.48	3866840.19	0.00954	0.00882	0.00942	1.42E-04	6.23E-07	2.45E-04	0.000388	1.45E-04	6.13E-07	2.73E-04	0.000418	1.38E-04	7.78E-07	5.23E-04	6.62E-04
1338	495815.79	3861662.87	0.03356	0.02977	0.03483	5.00E-04	2.10E-06	9.06E-04	0.001408	5.10E-04	2.07E-06	1.01E-03	0.00152	4.85E-04	2.63E-06	1.94E-03	2.42E-03
1339	480272.33	3841389.2	0.00099	0.00096	0.00096	1.47E-05	6.78E-08	2.50E-05	3.98E-05	1.51E-05	6.67E-08	2.78E-05	4.29E-05	1.43E-05	8.47E-08	5.33E-05	6.77E-05
1340	497005.18	3862813.64	0.02386	0.02134	0.02481	3.55E-04	1.51E-06	6.45E-04	0.001002	3.63E-04	1.48E-06	7.18E-04	0.001082	3.45E-04	1.88E-06	1.38E-03	1.73E-03
1341	493677.33	3860302.55	0.06161	0.0515	0.06327	9.17E-04	3.64E-06	1.65E-03	0.002567	9.37E-04	3.58E-06	1.83E-03	0.002771	8.90E-04	4.54E-06	3.52E-03	4.41E-03
1342	493727.33	3860302.55	0.06139	0.05141	0.06307	9.14E-04	3.63E-06	1.64E-03	0.002558	9.34E-04	3.57E-06	1.83E-03	0.002762	8.87E-04	4.54E-06	3.50E-03	4.40E-03
1343	493777.33	3860302.55	0.06117	0.05133	0.06288	9.11E-04	3.62E-06	1.64E-03	0.00255	9.30E-04	3.57E-06	1.82E-03	0.002753	8.84E-04	4.53E-06	3.49E-03	4.38E-03
1344	493827.33	3860302.55	0.06096	0.05124	0.06269	9.07E-04	3.62E-06	1.63E-03	0.002542	9.27E-04	3.56E-06	1.81E-03	0.002745	8.81E-04	4.52E-06	3.48E-03	4.37E-03
1345	493877.33	3860302.55	0.06073	0.05114	0.06248	9.04E-04	3.61E-06	1.63E-03	0.002533	9.24E-04	3.55E-06	1.81E-03	0.002735	8.78E-04	4.51E-06	3.47E-03	4.35E-03
1346	493927.33	3860302.55	0.06049	0.05102	0.06225	9.00E-04	3.60E-06	1.62E-03	0.002523	9.20E-04	3.55E-06	1.80E-03	0.002725	8.74E-04	4.50E-06	3.46E-03	4.34E-03
1347	493977.33	3860302.55	0.06031	0.05095	0.06211	8.98E-04	3.60E-06	1.62E-03	0.002517	9.17E-04	3.54E-06	1.80E-03	0.002718	8.71E-04	4.50E-06	3.45E-03	4.33E-03
1348	494027.33	3860302.55	0.0601	0.05085	0.06192	8.95E-04	3.59E-06	1.61E-03	0.002509	9.14E-04	3.53E-06	1.79E-03	0.002709	8.68E-04	4.49E-06	3.44E-03	4.31E-03
1349	493677.33	3860352.55	0.06042	0.05049	0.06203	8.99E-04	3.57E-06	1.61E-03	0.002517	9.19E-04	3.51E-06	1.79E-03	0.002717	8.73E-04	4.45E-06	3.45E-03	4.32E-03
1350	493727.33	3860352.55	0.06019	0.05041	0.06183	8.96E-04	3.56E-06	1.61E-03	0.002508	9.15E-04	3.50E-06	1.79E-03	0.002708	8.70E-04	4.45E-06	3.44E-03	4.31E-03
1351	493777.33	3860352.55	0.05997	0.05032	0.06162	8.93E-04	3.55E-06	1.60E-03	0.002499	9.12E-04	3.50E-06	1.78E-03	0.002699	8.67E-04	4.44E-06	3.42E-03	4.30E-03
1352	493827.33	3860352.55	0.05976	0.05024	0.06144	8.90E-04	3.55E-06	1.60E-03	0.002491	9.09E-04	3.49E-06	1.78E-03	0.00269	8.64E-04	4.43E-06	3.41E-03	4.28E-03
1353	493877.33	3860352.55	0.05956	0.05017	0.06127	8.87E-04	3.54E-06	1.59E-03	0.002484	9.06E-04	3.49E-06	1.77E-03	0.002682	8.61E-04	4.43E-06	3.40E-03	4.27E-03
1354	493927.33	3860352.55	0.05938	0.05011	0.06112	8.84E-04	3.54E-06	1.59E-03	0.002477	9.03E-04	3.48E-06	1.77E-03	0.002675	8.58E-04	4.42E-06	3.40E-03	4.26E-03
1355	493977.33	3860352.55	0.0592	0.05005	0.06098	8.81E-04	3.53E-06	1.59E-03	0.002471	9.00E-04	3.48E-06	1.76E-03	0.002668	8.55E-04	4.42E-06	3.39E-03	4.25E-03
1356	494027.33	3860352.55	0.05899	0.04995	0.06078	8.78E-04	3.53E-06	1.58E-03	0.002463	8.97E-04	3.47E-06	1.76E-03	0.002659	8.52E-04	4.41E-06	3.38E-03	4.23E-03
1357	493677.33	3860402.55	0.05919	0.04945	0.06076	8.81E-04	3.49E-06	1.58E-03	0.002465	9.00E-04	3.44E-06	1.76E-03	0.002662	8.55E-04	4.36E-06	3.38E-03	4.24E-03
1358	493727.33	3860402.55	0.05897	0.04938	0.06057	8.78E-04	3.49E-06	1.58E-03	0.002457	8.97E-04	3.43E-06	1.75E-03	0.002653	8.52E-04	4.36E-06	3.37E-03	4.22E-03
1359	493777.33	3860402.55	0.05884	0.04937	0.06048	8.76E-04	3.49E-06	1.57E-03	0.002453	8.95E-04	3.43E-06	1.75E-03	0.002648	8.50E-04	4.36E-06	3.36E-03	4.22E-03

1360	493827.33	3860402.55	0.0586	0.04927	0.06025	8.72E-04	3.48E-06	1.57E-03	0.002443	8.91E-04	3.42E-06	1.74E-03	0.002638	8.47E-04	4.35E-06	3.35E-03	4.20E-03
1361	493877.33	3860402.55	0.05839	0.04919	0.06006	8.69E-04	3.47E-06	1.56E-03	0.002435	8.88E-04	3.42E-06	1.74E-03	0.002629	8.44E-04	4.34E-06	3.34E-03	4.19E-03
1362	493927.33	3860402.55	0.05825	0.04916	0.05996	8.67E-04	3.47E-06	1.56E-03	0.00243	8.86E-04	3.42E-06	1.74E-03	0.002624	8.42E-04	4.34E-06	3.33E-03	4.18E-03
1363	493977.33	3860402.55	0.05812	0.04914	0.05986	8.65E-04	3.47E-06	1.56E-03	0.002426	8.84E-04	3.42E-06	1.73E-03	0.00262	8.40E-04	4.34E-06	3.33E-03	4.17E-03
1364	494027.33	3860402.55	0.0579	0.04904	0.05965	8.62E-04	3.46E-06	1.55E-03	0.002417	8.81E-04	3.41E-06	1.73E-03	0.00261	8.37E-04	4.33E-06	3.31E-03	4.16E-03
1365	493677.33	3860452.55	0.05802	0.04847	0.05957	8.64E-04	3.42E-06	1.55E-03	0.002417	8.82E-04	3.37E-06	1.72E-03	0.00261	8.38E-04	4.28E-06	3.31E-03	4.15E-03
1366	493727.33	3860452.55	0.05777	0.04835	0.05931	8.60E-04	3.41E-06	1.54E-03	0.002406	8.79E-04	3.36E-06	1.72E-03	0.002598	8.35E-04	4.27E-06	3.30E-03	4.13E-03
1367	493777.33	3860452.55	0.05758	0.04829	0.05915	8.57E-04	3.41E-06	1.54E-03	0.002399	8.76E-04	3.36E-06	1.71E-03	0.002591	8.32E-04	4.26E-06	3.29E-03	4.12E-03
1368	493827.33	3860452.55	0.05744	0.04829	0.05905	8.55E-04	3.41E-06	1.54E-03	0.002395	8.74E-04	3.36E-06	1.71E-03	0.002586	8.30E-04	4.26E-06	3.28E-03	4.12E-03
1369	493877.33	3860452.55	0.05728	0.04825	0.05893	8.53E-04	3.41E-06	1.53E-03	0.002389	8.71E-04	3.35E-06	1.71E-03	0.00258	8.28E-04	4.26E-06	3.27E-03	4.11E-03
1370	493927.33	3860452.55	0.05719	0.04827	0.05887	8.51E-04	3.41E-06	1.53E-03	0.002386	8.70E-04	3.35E-06	1.70E-03	0.002577	8.26E-04	4.26E-06	3.27E-03	4.10E-03
1371	493977.33	3860452.55	0.057	0.0482	0.0587	8.48E-04	3.40E-06	1.53E-03	0.002379	8.67E-04	3.35E-06	1.70E-03	0.002569	8.24E-04	4.25E-06	3.26E-03	4.09E-03
1372	494027.33	3860452.55	0.0568	0.04812	0.05852	8.45E-04	3.40E-06	1.52E-03	0.002371	8.64E-04	3.34E-06	1.69E-03	0.002561	8.21E-04	4.25E-06	3.25E-03	4.08E-03
1373	493677.33	3860502.55	0.05688	0.04748	0.05836	8.47E-04	3.35E-06	1.52E-03	0.002368	8.65E-04	3.30E-06	1.69E-03	0.002557	8.22E-04	4.19E-06	3.24E-03	4.07E-03
1374	493727.33	3860502.55	0.05667	0.04739	0.05815	8.44E-04	3.35E-06	1.51E-03	0.00236	8.62E-04	3.29E-06	1.68E-03	0.002548	8.19E-04	4.18E-06	3.23E-03	4.05E-03
1375	493777.33	3860502.55	0.05649	0.04734	0.058	8.41E-04	3.34E-06	1.51E-03	0.002353	8.59E-04	3.29E-06	1.68E-03	0.002541	8.16E-04	4.18E-06	3.22E-03	4.04E-03
1376	493827.33	3860502.55	0.05631	0.0473	0.05785	8.38E-04	3.34E-06	1.51E-03	0.002347	8.56E-04	3.29E-06	1.67E-03	0.002534	8.14E-04	4.17E-06	3.21E-03	4.03E-03
1377	493877.33	3860502.55	0.05617	0.0473	0.05777	8.36E-04	3.34E-06	1.50E-03	0.002342	8.54E-04	3.29E-06	1.67E-03	0.002529	8.12E-04	4.17E-06	3.21E-03	4.03E-03
1378	493927.33	3860502.55	0.05606	0.04731	0.05771	8.34E-04	3.34E-06	1.50E-03	0.002339	8.53E-04	3.29E-06	1.67E-03	0.002526	8.10E-04	4.17E-06	3.21E-03	4.02E-03
1379	493977.33	3860502.55	0.05586	0.04724	0.05753	8.31E-04	3.34E-06	1.50E-03	0.002331	8.50E-04	3.28E-06	1.66E-03	0.002518	8.07E-04	4.17E-06	3.20E-03	4.01E-03
1380	494027.33	3860502.55	0.05569	0.04719	0.05738	8.29E-04	3.33E-06	1.49E-03	0.002325	8.47E-04	3.28E-06	1.66E-03	0.002511	8.05E-04	4.16E-06	3.19E-03	4.00E-03
1381	493627.33	3860552.55	0.05592	0.04653	0.0573	8.32E-04	3.29E-06	1.49E-03	0.002326	8.50E-04	3.23E-06	1.66E-03	0.002512	8.08E-04	4.11E-06	3.18E-03	4.00E-03
1382	493677.33	3860552.55	0.05572	0.04645	0.0571	8.29E-04	3.28E-06	1.49E-03	0.002318	8.47E-04	3.23E-06	1.65E-03	0.002503	8.05E-04	4.10E-06	3.17E-03	3.98E-03
1383	493727.33	3860552.55	0.05552	0.04638	0.05692	8.26E-04	3.27E-06	1.48E-03	0.002311	8.44E-04	3.22E-06	1.65E-03	0.002495	8.02E-04	4.09E-06	3.16E-03	3.97E-03
1384	493777.33	3860552.55	0.05537	0.04636	0.05681	8.24E-04	3.27E-06	1.48E-03	0.002305	8.42E-04	3.22E-06	1.64E-03	0.002489	8.00E-04	4.09E-06	3.16E-03	3.96E-03
1385	493827.33	3860552.55	0.05526	0.04638	0.05675	8.23E-04	3.27E-06	1.48E-03	0.002302	8.40E-04	3.22E-06	1.64E-03	0.002486	7.99E-04	4.09E-06	3.15E-03	3.96E-03
1386	493877.33	3860552.55	0.05507	0.04632	0.05658	8.20E-04	3.27E-06	1.47E-03	0.002295	8.38E-04	3.22E-06	1.64E-03	0.002478	7.96E-04	4.09E-06	3.14E-03	3.94E-03
1387	493927.33	3860552.55	0.05494	0.04632	0.0565	8.18E-04	3.27E-06	1.47E-03	0.002291	8.36E-04	3.22E-06	1.63E-03	0.002474	7.94E-04	4.09E-06	3.14E-03	3.94E-03
1388	493977.33	3860552.55	0.05481	0.04633	0.05643	8.16E-04	3.27E-06	1.47E-03	0.002287	8.34E-04	3.22E-06	1.63E-03	0.00247	7.92E-04	4.09E-06	3.14E-03	3.93E-03
1389	494027.33	3860552.55	0.05463	0.04627	0.05627	8.13E-04	3.27E-06	1.46E-03	0.00228	8.31E-04	3.22E-06	1.63E-03	0.002462	7.89E-04	4.08E-06	3.13E-03	3.92E-03
1390	493627.33	3860602.55	0.0548	0.04555	0.05611	8.16E-04	3.22E-06	1.46E-03	0.002279	8.33E-04	3.17E-06	1.62E-03	0.00246	7.92E-04	4.02E-06	3.12E-03	3.91E-03
1391	493727.33	3860602.55	0.05435	0.04535	0.05566	8.09E-04	3.20E-06	1.45E-03	0.00226	8.27E-04	3.15E-06	1.61E-03	0.00244	7.85E-04	4.00E-06	3.09E-03	3.88E-03
1392	493777.33	3860602.55	0.05428	0.04541	0.05566	8.08E-04	3.21E-06	1.45E-03	0.002259	8.26E-04	3.16E-06	1.61E-03	0.002439	7.84E-04	4.01E-06	3.09E-03	3.88E-03
1393	493827.33	3860602.55	0.05414	0.04539	0.05555	8.06E-04	3.20E-06	1.45E-03	0.002254	8.23E-04	3.15E-06	1.61E-03	0.002434	7.82E-04	4.00E-06	3.09E-03	3.87E-03
1394	493877.33	3860602.55	0.05404	0.04542	0.05551	8.04E-04	3.21E-06	1.44E-03	0.002252	8.22E-04	3.16E-06	1.61E-03	0.002431	7.81E-04	4.01E-06	3.08E-03	3.87E-03
1395	493927.33	3860602.55	0.05391	0.04541	0.05541	8.02E-04	3.21E-06	1.44E-03	0.002247	8.20E-04	3.16E-06	1.60E-03	0.002426	7.79E-04	4.01E-06	3.08E-03	3.86E-03
1396	493977.33	3860602.55	0.05378	0.04541	0.05532	8.01E-04	3.21E-06	1.44E-03	0.002243	8.18E-04	3.16E-06	1.60E-03	0.002422	7.77E-04	4.01E-06	3.07E-03	3.86E-03
1397	494027.33	3860602.55	0.05359	0.04534	0.05515	7.98E-04	3.20E-06	1.43E-03	0.002236	8.15E-04	3.15E-06	1.60E-03	0.002414	7.74E-04	4.00E-06	3.06E-03	3.84E-03
1398	493627.33	3860652.55	0.05366	0.04456	0.05489	7.99E-04	3.15E-06	1.43E-03	0.00223	8.16E-04	3.10E-06	1.59E-03	0.002408	7.75E-04	3.93E-06	3.05E-03	3.83E-03
1399	493727.33	3860652.55	0.05324	0.04439	0.05449	7.92E-04	3.13E-06	1.42E-03	0.002213	8.10E-04	3.09E-06	1.58E-03	0.00239	7.69E-04	3.92E-06	3.03E-03	3.80E-03
1400	493777.33	3860652.55	0.05316	0.04443	0.05446	7.91E-04	3.14E-06	1.42E-03	0.002211	8.08E-04	3.09E-06	1.58E-03	0.002388	7.68E-04	3.92E-06	3.03E-03	3.80E-03
1401	493827.33	3860652.55	0.05308	0.04446	0.05442	7.90E-04	3.14E-06	1.42E-03	0.002209	8.07E-04	3.09E-06	1.57E-03	0.002385	7.67E-04	3.92E-06	3.02E-03	3.79E-03
1402	493877.33	3860652.55	0.053	0.04451	0.05441	7.89E-04	3.14E-06	1.42E-03	0.002208	8.06E-04	3.09E-06	1.57E-03	0.002384	7.66E-04	3.93E-06	3.02E-03	3.79E-03
1403	493927.33	3860652.55	0.05287	0.0445	0.05431	7.87E-04	3.14E-06	1.41E-03	0.002203	8.04E-04	3.09E-06	1.57E-03	0.002379	7.64E-04	3.93E-06	3.02E-03	3.79E-03
1404	493977.33	3860652.55	0.05274	0.04448	0.0542	7.85E-04	3.14E-06	1.41E-03	0.002198	8.02E-04	3.09E-06	1.57E-03	0.002374	7.62E-04	3.92E-06	3.01E-03	3.78E-03
1405	494027.33	3860652.55	0.05263	0.0445	0.05415	7.83E-04	3.14E-06	1.41E-03	0.002195	8.00E-04	3.09E-06	1.57E-03	0.00237	7.61E-04	3.93E-06	3.01E-03	3.77E-03
1406	494311.06	3858401.99	0.05988	0.04956	0.06168	8.91E-04	3.50E-06	1.60E-03	0.002499	9.11E-04	3.44E-06	1.78E-03	0.002699	8.65E-04	4.37E-06	3.43E-03	4.30E-03

1407	494361.06	3858401.99	0.05882	0.04868	0.06057	8.76E-04	3.44E-06	1.58E-03	0.002455	8.95E-04	3.38E-06	1.75E-03	0.002651	8.50E-04	4.30E-06	3.37E-03	4.22E-03
1408	494411.06	3858401.99	0.05809	0.04809	0.05981	8.65E-04	3.40E-06	1.56E-03	0.002424	8.83E-04	3.34E-06	1.73E-03	0.002618	8.39E-04	4.24E-06	3.32E-03	4.17E-03
1409	494461.06	3858401.99	0.05772	0.04781	0.05943	8.59E-04	3.38E-06	1.55E-03	0.002409	8.78E-04	3.32E-06	1.72E-03	0.002601	8.34E-04	4.22E-06	3.30E-03	4.14E-03
1410	494511.06	3858401.99	0.05694	0.04717	0.05863	8.48E-04	3.33E-06	1.53E-03	0.002376	8.66E-04	3.28E-06	1.70E-03	0.002566	8.23E-04	4.16E-06	3.26E-03	4.08E-03
1411	494561.06	3858401.99	0.05654	0.04686	0.05822	8.42E-04	3.31E-06	1.51E-03	0.00236	8.60E-04	3.26E-06	1.68E-03	0.002548	8.17E-04	4.13E-06	3.24E-03	4.06E-03
1412	494611.06	3858401.99	0.05576	0.04622	0.05741	8.30E-04	3.26E-06	1.49E-03	0.002327	8.48E-04	3.21E-06	1.66E-03	0.002513	8.06E-04	4.08E-06	3.19E-03	4.00E-03
1413	494661.06	3858401.99	0.0551	0.04568	0.05673	8.20E-04	3.23E-06	1.48E-03	0.002299	8.38E-04	3.17E-06	1.64E-03	0.002483	7.96E-04	4.03E-06	3.15E-03	3.95E-03
1414	494711.06	3858401.99	0.05413	0.04487	0.05569	8.06E-04	3.17E-06	1.45E-03	0.002258	8.23E-04	3.12E-06	1.61E-03	0.002438	7.82E-04	3.96E-06	3.09E-03	3.88E-03
1415	494761.06	3858401.99	0.05361	0.04445	0.05515	7.98E-04	3.14E-06	1.43E-03	0.002236	8.15E-04	3.09E-06	1.60E-03	0.002414	7.75E-04	3.92E-06	3.06E-03	3.84E-03
1416	494811.06	3858401.99	0.05287	0.04383	0.05438	7.87E-04	3.09E-06	1.41E-03	0.002205	8.04E-04	3.05E-06	1.57E-03	0.002381	7.64E-04	3.87E-06	3.02E-03	3.79E-03
1417	494861.06	3858401.99	0.0522	0.04329	0.05369	7.77E-04	3.06E-06	1.40E-03	0.002177	7.94E-04	3.01E-06	1.55E-03	0.002351	7.54E-04	3.82E-06	2.98E-03	3.74E-03
1418	494911.06	3858401.99	0.05155	0.04275	0.05302	7.67E-04	3.02E-06	1.38E-03	0.00215	7.84E-04	2.97E-06	1.53E-03	0.002321	7.45E-04	3.77E-06	2.95E-03	3.69E-03
1419	494961.06	3858401.99	0.05087	0.04219	0.05231	7.57E-04	2.98E-06	1.36E-03	0.002121	7.74E-04	2.93E-06	1.51E-03	0.00229	7.35E-04	3.72E-06	2.91E-03	3.65E-03
1420	495011.06	3858401.99	0.05002	0.04148	0.05142	7.45E-04	2.93E-06	1.34E-03	0.002085	7.61E-04	2.88E-06	1.49E-03	0.002252	7.23E-04	3.66E-06	2.86E-03	3.58E-03
1421	495061.06	3858401.99	0.04935	0.04092	0.0507	7.35E-04	2.89E-06	1.32E-03	0.002056	7.51E-04	2.84E-06	1.47E-03	0.002221	7.13E-04	3.61E-06	2.82E-03	3.53E-03
1422	495111.06	3858401.99	0.04813	0.03987	0.04941	7.16E-04	2.82E-06	1.29E-03	0.002005	7.32E-04	2.77E-06	1.43E-03	0.002165	6.95E-04	3.52E-06	2.75E-03	3.44E-03
1423	495161.06	3858401.99	0.04788	0.03968	0.04916	7.13E-04	2.80E-06	1.28E-03	0.001994	7.28E-04	2.76E-06	1.42E-03	0.002154	6.92E-04	3.50E-06	2.73E-03	3.43E-03
1424	495211.06	3858401.99	0.04682	0.03878	0.04804	6.97E-04	2.74E-06	1.25E-03	0.001949	7.12E-04	2.70E-06	1.39E-03	0.002105	6.77E-04	3.42E-06	2.67E-03	3.35E-03
1425	495261.06	3858401.99	0.04623	0.0383	0.04744	6.88E-04	2.70E-06	1.23E-03	0.001925	7.03E-04	2.66E-06	1.37E-03	0.002079	6.68E-04	3.38E-06	2.64E-03	3.31E-03
1426	495311.06	3858401.99	0.04562	0.0378	0.0468	6.79E-04	2.67E-06	1.22E-03	0.001899	6.94E-04	2.63E-06	1.35E-03	0.002051	6.59E-04	3.34E-06	2.60E-03	3.26E-03
1427	495361.06	3858401.99	0.04519	0.03745	0.04634	6.73E-04	2.64E-06	1.21E-03	0.001881	6.87E-04	2.60E-06	1.34E-03	0.002031	6.53E-04	3.30E-06	2.57E-03	3.23E-03
1428	495411.06	3858401.99	0.04493	0.03726	0.04609	6.69E-04	2.63E-06	1.20E-03	0.00187	6.83E-04	2.59E-06	1.33E-03	0.00202	6.49E-04	3.29E-06	2.56E-03	3.21E-03
1429	495461.06	3858401.99	0.04475	0.03713	0.04591	6.66E-04	2.62E-06	1.19E-03	0.001863	6.81E-04	2.58E-06	1.33E-03	0.002012	6.47E-04	3.28E-06	2.55E-03	3.20E-03
1430	495511.06	3858401.99	0.04451	0.03694	0.04567	6.63E-04	2.61E-06	1.19E-03	0.001853	6.77E-04	2.57E-06	1.32E-03	0.002001	6.43E-04	3.26E-06	2.54E-03	3.18E-03
1431	495561.06	3858401.99	0.04391	0.03647	0.04506	6.54E-04	2.58E-06	1.17E-03	0.001828	6.68E-04	2.53E-06	1.30E-03	0.001974	6.35E-04	3.22E-06	2.50E-03	3.14E-03
1432	495611.06	3858401.99	0.04368	0.0363	0.04483	6.50E-04	2.56E-06	1.17E-03	0.001819	6.64E-04	2.52E-06	1.30E-03	0.001964	6.31E-04	3.20E-06	2.49E-03	3.13E-03
1433	495661.06	3858401.99	0.04395	0.03654	0.04511	6.54E-04	2.58E-06	1.17E-03	0.00183	6.68E-04	2.54E-06	1.31E-03	0.001976	6.35E-04	3.22E-06	2.51E-03	3.14E-03
1434	494311.06	3858451.99	0.06105	0.05068	0.0629	9.09E-04	3.58E-06	1.64E-03	0.002549	9.28E-04	3.52E-06	1.82E-03	0.002752	8.82E-04	4.47E-06	3.50E-03	4.38E-03
1435	494361.06	3858451.99	0.06017	0.04997	0.06199	8.96E-04	3.53E-06	1.61E-03	0.002512	9.15E-04	3.47E-06	1.79E-03	0.002712	8.69E-04	4.41E-06	3.44E-03	4.32E-03
1436	494411.06	3858451.99	0.05943	0.04936	0.06122	8.85E-04	3.49E-06	1.59E-03	0.002481	9.04E-04	3.43E-06	1.77E-03	0.002679	8.59E-04	4.36E-06	3.40E-03	4.26E-03
1437	494461.06	3858451.99	0.05878	0.04883	0.06054	8.75E-04	3.45E-06	1.58E-03	0.002453	8.94E-04	3.39E-06	1.75E-03	0.002649	8.49E-04	4.31E-06	3.36E-03	4.22E-03
1438	494511.06	3858451.99	0.05836	0.04851	0.06012	8.69E-04	3.43E-06	1.56E-03	0.002436	8.88E-04	3.37E-06	1.74E-03	0.002631	8.43E-04	4.28E-06	3.34E-03	4.19E-03
1439	494561.06	3858451.99	0.05754	0.04784	0.05926	8.56E-04	3.38E-06	1.54E-03	0.002402	8.75E-04	3.33E-06	1.71E-03	0.002593	8.31E-04	4.22E-06	3.29E-03	4.13E-03
1440	494611.06	3858451.99	0.05692	0.04733	0.05862	8.47E-04	3.34E-06	1.53E-03	0.002376	8.66E-04	3.29E-06	1.70E-03	0.002565	8.23E-04	4.18E-06	3.26E-03	4.08E-03
1441	494661.06	3858451.99	0.05625	0.04678	0.05792	8.37E-04	3.30E-06	1.51E-03	0.002347	8.55E-04	3.25E-06	1.68E-03	0.002535	8.13E-04	4.13E-06	3.22E-03	4.04E-03
1442	494711.06	3858451.99	0.0554	0.04608	0.05704	8.25E-04	3.25E-06	1.48E-03	0.002312	8.43E-04	3.20E-06	1.65E-03	0.002496	8.01E-04	4.07E-06	3.17E-03	3.97E-03
1443	494761.06	3858451.99	0.05455	0.04537	0.05617	8.12E-04	3.20E-06	1.46E-03	0.002276	8.30E-04	3.15E-06	1.63E-03	0.002458	7.88E-04	4.00E-06	3.12E-03	3.91E-03
1444	494811.06	3858451.99	0.05386	0.0448	0.05544	8.02E-04	3.16E-06	1.44E-03	0.002247	8.19E-04	3.11E-06	1.60E-03	0.002427	7.78E-04	3.95E-06	3.08E-03	3.86E-03
1445	494861.06	3858451.99	0.05309	0.04416	0.05464	7.90E-04	3.12E-06	1.42E-03	0.002215	8.07E-04	3.07E-06	1.58E-03	0.002392	7.67E-04	3.90E-06	3.04E-03	3.81E-03
1446	494911.06	3858451.99	0.05215	0.04337	0.05364	7.76E-04	3.06E-06	1.40E-03	0.002175	7.93E-04	3.01E-06	1.55E-03	0.002348	7.54E-04	3.83E-06	2.98E-03	3.74E-03
1447	494961.06	3858451.99	0.05137	0.04271	0.05282	7.65E-04	3.02E-06	1.37E-03	0.002142	7.81E-04	2.97E-06	1.53E-03	0.002313	7.42E-04	3.77E-06	2.94E-03	3.68E-03
1448	495011.06	3858451.99	0.05046	0.04195	0.05187	7.51E-04	2.96E-06	1.35E-03	0.002103	7.67E-04	2.92E-06	1.50E-03	0.002271	7.29E-04	3.70E-06	2.88E-03	3.62E-03
1449	495061.06	3858451.99	0.05002	0.04159	0.05142	7.45E-04	2.94E-06	1.34E-03	0.002085	7.61E-04	2.89E-06	1.49E-03	0.002252	7.23E-04	3.67E-06	2.86E-03	3.58E-03
1450	495111.06	3858451.99	0.04915	0.04085	0.0505	7.32E-04	2.88E-06	1.31E-03	0.002048	7.48E-04	2.84E-06	1.46E-03	0.002212	7.10E-04	3.60E-06	2.81E-03	3.52E-03
1451	495161.06	3858451.99	0.04817	0.04003	0.04946	7.17E-04	2.83E-06	1.29E-03	0.002007	7.33E-04	2.78E-06	1.43E-03	0.002167	6.96E-04	3.53E-06	2.75E-03	3.45E-03
1452	495211.06	3858451.99	0.0473	0.03928	0.04855	7.04E-04	2.77E-06	1.26E-03	0.00197	7.19E-04	2.73E-06	1.40E-03	0.002127	6.83E-04	3.47E-06	2.70E-03	3.38E-03
1453	495261.06	3858451.99	0.04673	0.0388	0.04795	6.96E-04	2.74E-06	1.25E-03	0.001946	7.11E-04	2.70E-06	1.39E-03	0.002101	6.75E-04	3.42E-06	2.66E-03	3.34E-03

1454	495311.06	3858451.99	0.04625	0.0384	0.04745	6.88E-04	2.71E-06	1.23E-03	0.001926	7.03E-04	2.67E-06	1.37E-03	0.002079	6.68E-04	3.39E-06	2.64E-03	3.31E-03
1455	495361.06	3858451.99	0.04584	0.03807	0.04703	6.82E-04	2.69E-06	1.22E-03	0.001909	6.97E-04	2.65E-06	1.36E-03	0.002061	6.62E-04	3.36E-06	2.61E-03	3.28E-03
1456	495411.06	3858451.99	0.04564	0.03792	0.04683	6.79E-04	2.68E-06	1.22E-03	0.0019	6.94E-04	2.64E-06	1.36E-03	0.002052	6.60E-04	3.35E-06	2.60E-03	3.27E-03
1457	495461.06	3858451.99	0.04548	0.0378	0.04667	6.77E-04	2.67E-06	1.21E-03	0.001894	6.92E-04	2.63E-06	1.35E-03	0.002045	6.57E-04	3.34E-06	2.59E-03	3.25E-03
1458	495511.06	3858451.99	0.045	0.03741	0.04619	6.70E-04	2.64E-06	1.20E-03	0.001874	6.84E-04	2.60E-06	1.34E-03	0.002024	6.50E-04	3.30E-06	2.57E-03	3.22E-03
1459	495561.06	3858451.99	0.04502	0.03745	0.04622	6.70E-04	2.64E-06	1.20E-03	0.001875	6.85E-04	2.60E-06	1.34E-03	0.002025	6.51E-04	3.30E-06	2.57E-03	3.22E-03
1460	495611.06	3858451.99	0.04446	0.03698	0.04563	6.62E-04	2.61E-06	1.19E-03	0.001851	6.76E-04	2.57E-06	1.32E-03	0.001999	6.42E-04	3.26E-06	2.54E-03	3.18E-03
1461	495661.06	3858451.99	0.04436	0.03692	0.04554	6.60E-04	2.61E-06	1.18E-03	0.001848	6.75E-04	2.57E-06	1.32E-03	0.001995	6.41E-04	3.26E-06	2.53E-03	3.17E-03
1462	494311.06	3858501.99	0.06122	0.05094	0.06307	9.11E-04	3.60E-06	1.64E-03	0.002556	9.31E-04	3.54E-06	1.83E-03	0.00276	8.85E-04	4.49E-06	3.50E-03	4.39E-03
1463	494361.06	3858501.99	0.06063	0.05047	0.06245	9.02E-04	3.56E-06	1.62E-03	0.002531	9.22E-04	3.51E-06	1.81E-03	0.002733	8.76E-04	4.45E-06	3.47E-03	4.35E-03
1464	494411.06	3858501.99	0.05995	0.04993	0.06175	8.92E-04	3.53E-06	1.61E-03	0.002502	9.12E-04	3.47E-06	1.79E-03	0.002702	8.66E-04	4.41E-06	3.43E-03	4.30E-03
1465	494461.06	3858501.99	0.0595	0.04958	0.06129	8.86E-04	3.50E-06	1.59E-03	0.002484	9.05E-04	3.45E-06	1.77E-03	0.002682	8.60E-04	4.37E-06	3.41E-03	4.27E-03
1466	494511.06	3858501.99	0.05861	0.04885	0.06036	8.72E-04	3.45E-06	1.57E-03	0.002446	8.91E-04	3.40E-06	1.75E-03	0.002641	8.47E-04	4.31E-06	3.35E-03	4.21E-03
1467	494561.06	3858501.99	0.05862	0.0489	0.06039	8.73E-04	3.45E-06	1.57E-03	0.002447	8.92E-04	3.40E-06	1.75E-03	0.002642	8.47E-04	4.31E-06	3.36E-03	4.21E-03
1468	494611.06	3858501.99	0.05785	0.04826	0.05959	8.61E-04	3.41E-06	1.55E-03	0.002415	8.80E-04	3.35E-06	1.72E-03	0.002608	8.36E-04	4.26E-06	3.31E-03	4.15E-03
1469	494661.06	3858501.99	0.05734	0.04785	0.05906	8.53E-04	3.38E-06	1.54E-03	0.002393	8.72E-04	3.33E-06	1.71E-03	0.002584	8.29E-04	4.22E-06	3.28E-03	4.11E-03
1470	494711.06	3858501.99	0.05647	0.04712	0.05815	8.41E-04	3.33E-06	1.51E-03	0.002357	8.59E-04	3.27E-06	1.68E-03	0.002545	8.16E-04	4.16E-06	3.23E-03	4.05E-03
1471	494761.06	3858501.99	0.05549	0.0463	0.05713	8.26E-04	3.27E-06	1.49E-03	0.002316	8.44E-04	3.22E-06	1.65E-03	0.0025	8.02E-04	4.09E-06	3.17E-03	3.98E-03
1472	494811.06	3858501.99	0.05459	0.04555	0.05619	8.13E-04	3.22E-06	1.46E-03	0.002278	8.30E-04	3.17E-06	1.63E-03	0.002459	7.89E-04	4.02E-06	3.12E-03	3.92E-03
1473	494861.06	3858501.99	0.05395	0.04502	0.05553	8.03E-04	3.18E-06	1.44E-03	0.002251	8.21E-04	3.13E-06	1.61E-03	0.002431	7.80E-04	3.97E-06	3.09E-03	3.87E-03
1474	494911.06	3858501.99	0.05274	0.044	0.05427	7.85E-04	3.11E-06	1.41E-03	0.0022	8.02E-04	3.06E-06	1.57E-03	0.002376	7.62E-04	3.88E-06	3.02E-03	3.78E-03
1475	494961.06	3858501.99	0.05212	0.04348	0.05362	7.76E-04	3.07E-06	1.39E-03	0.002174	7.93E-04	3.02E-06	1.55E-03	0.002347	7.53E-04	3.84E-06	2.98E-03	3.74E-03
1476	495011.06	3858501.99	0.05109	0.04261	0.05252	7.60E-04	3.01E-06	1.37E-03	0.00213	7.77E-04	2.96E-06	1.52E-03	0.0023	7.38E-04	3.76E-06	2.92E-03	3.66E-03
1477	495061.06	3858501.99	0.05064	0.04224	0.05206	7.54E-04	2.98E-06	1.35E-03	0.002111	7.70E-04	2.94E-06	1.51E-03	0.00228	7.32E-04	3.73E-06	2.89E-03	3.63E-03
1478	495111.06	3858501.99	0.04939	0.04117	0.05075	7.35E-04	2.91E-06	1.32E-03	0.002058	7.51E-04	2.86E-06	1.47E-03	0.002223	7.14E-04	3.63E-06	2.82E-03	3.54E-03
1479	495161.06	3858501.99	0.04858	0.04049	0.04991	7.23E-04	2.86E-06	1.30E-03	0.002024	7.39E-04	2.81E-06	1.44E-03	0.002186	7.02E-04	3.57E-06	2.77E-03	3.48E-03
1480	495211.06	3858501.99	0.0478	0.03983	0.04909	7.11E-04	2.81E-06	1.28E-03	0.001991	7.27E-04	2.77E-06	1.42E-03	0.00215	6.91E-04	3.51E-06	2.73E-03	3.42E-03
1481	495261.06	3858501.99	0.04724	0.03936	0.04849	7.03E-04	2.78E-06	1.26E-03	0.001967	7.18E-04	2.74E-06	1.40E-03	0.002124	6.83E-04	3.47E-06	2.69E-03	3.38E-03
1482	495311.06	3858501.99	0.0469	0.03908	0.04814	6.98E-04	2.76E-06	1.25E-03	0.001953	7.13E-04	2.72E-06	1.39E-03	0.002109	6.78E-04	3.45E-06	2.67E-03	3.36E-03
1483	495361.06	3858501.99	0.04657	0.0388	0.04781	6.93E-04	2.74E-06	1.24E-03	0.00194	7.08E-04	2.70E-06	1.38E-03	0.002094	6.73E-04	3.42E-06	2.66E-03	3.33E-03
1484	495411.06	3858501.99	0.04635	0.03863	0.04759	6.90E-04	2.73E-06	1.24E-03	0.001931	7.05E-04	2.68E-06	1.38E-03	0.002085	6.70E-04	3.41E-06	2.64E-03	3.32E-03
1485	495461.06	3858501.99	0.04613	0.03845	0.04737	6.87E-04	2.71E-06	1.23E-03	0.001922	7.02E-04	2.67E-06	1.37E-03	0.002075	6.67E-04	3.39E-06	2.63E-03	3.30E-03
1486	495511.06	3858501.99	0.04581	0.03819	0.04705	6.82E-04	2.70E-06	1.22E-03	0.001909	6.97E-04	2.65E-06	1.36E-03	0.002061	6.62E-04	3.37E-06	2.61E-03	3.28E-03
1487	495561.06	3858501.99	0.04581	0.03821	0.04706	6.82E-04	2.70E-06	1.22E-03	0.001909	6.97E-04	2.66E-06	1.36E-03	0.002061	6.62E-04	3.37E-06	2.61E-03	3.28E-03
1488	495611.06	3858501.99	0.04523	0.03775	0.04647	6.73E-04	2.67E-06	1.21E-03	0.001885	6.88E-04	2.62E-06	1.34E-03	0.002035	6.54E-04	3.33E-06	2.58E-03	3.24E-03
1489	495661.06	3858501.99	0.04522	0.03773	0.04646	6.73E-04	2.66E-06	1.21E-03	0.001884	6.88E-04	2.62E-06	1.34E-03	0.002035	6.53E-04	3.33E-06	2.58E-03	3.24E-03
1490	494311.06	3858551.99	0.06014	0.05014	0.06193	8.95E-04	3.54E-06	1.61E-03	0.00251	9.15E-04	3.48E-06	1.79E-03	0.00271	8.69E-04	4.42E-06	3.44E-03	4.31E-03
1491	494361.06	3858551.99	0.06042	0.05045	0.0623	8.99E-04	3.56E-06	1.62E-03	0.002524	9.19E-04	3.51E-06	1.80E-03	0.002725	8.73E-04	4.45E-06	3.46E-03	4.34E-03
1492	494411.06	3858551.99	0.06082	0.05083	0.06272	9.05E-04	3.59E-06	1.63E-03	0.002541	9.25E-04	3.53E-06	1.81E-03	0.002743	8.79E-04	4.48E-06	3.49E-03	4.37E-03
1493	494461.06	3858551.99	0.06059	0.05068	0.0625	9.02E-04	3.58E-06	1.63E-03	0.002531	9.21E-04	3.52E-06	1.81E-03	0.002734	8.76E-04	4.47E-06	3.47E-03	4.35E-03
1494	494511.06	3858551.99	0.06007	0.05027	0.06196	8.94E-04	3.55E-06	1.61E-03	0.00251	9.14E-04	3.49E-06	1.79E-03	0.00271	8.68E-04	4.44E-06	3.44E-03	4.32E-03
1495	494561.06	3858551.99	0.05963	0.04994	0.06147	8.88E-04	3.53E-06	1.60E-03	0.00249	9.07E-04	3.47E-06	1.78E-03	0.002689	8.62E-04	4.41E-06	3.42E-03	4.28E-03
1496	494611.06	3858551.99	0.05901	0.0494	0.06082	8.78E-04	3.49E-06	1.58E-03	0.002464	8.97E-04	3.43E-06	1.76E-03	0.002661	8.53E-04	4.36E-06	3.38E-03	4.24E-03
1497	494661.06	3858551.99	0.05845	0.04896	0.06024	8.70E-04	3.46E-06	1.57E-03	0.002441	8.89E-04	3.40E-06	1.74E-03	0.002636	8.45E-04	4.32E-06	3.35E-03	4.20E-03
1498	494711.06	3858551.99	0.05748	0.04814	0.05922	8.56E-04	3.40E-06	1.54E-03	0.0024	8.74E-04	3.35E-06	1.71E-03	0.002591	8.31E-04	4.25E-06	3.29E-03	4.13E-03
1499	494761.06	3858551.99	0.05651	0.04733	0.05821	8.41E-04	3.34E-06	1.51E-03	0.002359	8.59E-04	3.29E-06	1.68E-03	0.002547	8.17E-04	4.18E-06	3.23E-03	4.06E-03
1500	494811.06	3858551.99	0.05576	0.04671	0.05743	8.30E-04	3.30E-06	1.49E-03	0.002327	8.48E-04	3.25E-06	1.66E-03	0.002513	8.06E-04	4.12E-06	3.19E-03	4.00E-03

1501	494861.06	3858551.99	0.05481	0.0459	0.05643	8.16E-04	3.24E-06	1.47E-03	0.002287	8.34E-04	3.19E-06	1.63E-03	0.00247	7.92E-04	4.05E-06	3.14E-03	3.93E-03
1502	494911.06	3858551.99	0.05373	0.04499	0.05531	8.00E-04	3.18E-06	1.44E-03	0.002242	8.17E-04	3.13E-06	1.60E-03	0.002421	7.76E-04	3.97E-06	3.07E-03	3.85E-03
1503	494961.06	3858551.99	0.05288	0.04428	0.05442	7.87E-04	3.13E-06	1.42E-03	0.002206	8.04E-04	3.08E-06	1.57E-03	0.002382	7.64E-04	3.91E-06	3.02E-03	3.79E-03
1504	495011.06	3858551.99	0.0518	0.04336	0.05329	7.71E-04	3.06E-06	1.39E-03	0.00216	7.88E-04	3.01E-06	1.54E-03	0.002333	7.49E-04	3.83E-06	2.96E-03	3.71E-03
1505	495061.06	3858551.99	0.05114	0.0428	0.05261	7.61E-04	3.02E-06	1.37E-03	0.002133	7.78E-04	2.97E-06	1.52E-03	0.002303	7.39E-04	3.78E-06	2.92E-03	3.67E-03
1506	495111.06	3858551.99	0.04989	0.04173	0.05127	7.43E-04	2.95E-06	1.33E-03	0.002079	7.59E-04	2.90E-06	1.48E-03	0.002245	7.21E-04	3.68E-06	2.85E-03	3.57E-03
1507	495161.06	3858551.99	0.04907	0.04104	0.05042	7.30E-04	2.90E-06	1.31E-03	0.002045	7.46E-04	2.85E-06	1.46E-03	0.002208	7.09E-04	3.62E-06	2.80E-03	3.51E-03
1508	495211.06	3858551.99	0.04836	0.04043	0.04967	7.20E-04	2.85E-06	1.29E-03	0.002015	7.35E-04	2.81E-06	1.44E-03	0.002176	6.99E-04	3.57E-06	2.76E-03	3.46E-03
1509	495261.06	3858551.99	0.04785	0.04001	0.04915	7.12E-04	2.83E-06	1.28E-03	0.001994	7.28E-04	2.78E-06	1.42E-03	0.002153	6.91E-04	3.53E-06	2.73E-03	3.43E-03
1510	495311.06	3858551.99	0.04758	0.03979	0.04888	7.08E-04	2.81E-06	1.27E-03	0.001983	7.24E-04	2.77E-06	1.41E-03	0.002141	6.88E-04	3.51E-06	2.72E-03	3.41E-03
1511	495361.06	3858551.99	0.04726	0.03953	0.04855	7.03E-04	2.79E-06	1.26E-03	0.001969	7.19E-04	2.75E-06	1.40E-03	0.002126	6.83E-04	3.49E-06	2.70E-03	3.38E-03
1512	495411.06	3858551.99	0.0471	0.03941	0.0484	7.01E-04	2.78E-06	1.26E-03	0.001963	7.16E-04	2.74E-06	1.40E-03	0.00212	6.81E-04	3.48E-06	2.69E-03	3.37E-03
1513	495461.06	3858551.99	0.04683	0.03919	0.04813	6.97E-04	2.77E-06	1.25E-03	0.001952	7.12E-04	2.72E-06	1.39E-03	0.002108	6.77E-04	3.46E-06	2.67E-03	3.35E-03
1514	495511.06	3858551.99	0.04669	0.03908	0.048	6.95E-04	2.76E-06	1.25E-03	0.001946	7.10E-04	2.72E-06	1.39E-03	0.002102	6.75E-04	3.45E-06	2.67E-03	3.35E-03
1515	495561.06	3858551.99	0.04643	0.03887	0.04773	6.91E-04	2.74E-06	1.24E-03	0.001936	7.06E-04	2.70E-06	1.38E-03	0.00209	6.71E-04	3.43E-06	2.65E-03	3.33E-03
1516	495611.06	3858551.99	0.04611	0.0386	0.0474	6.86E-04	2.73E-06	1.23E-03	0.001922	7.01E-04	2.68E-06	1.37E-03	0.002076	6.66E-04	3.41E-06	2.63E-03	3.30E-03
1517	495661.06	3858551.99	0.04575	0.0383	0.04703	6.81E-04	2.70E-06	1.22E-03	0.001907	6.96E-04	2.66E-06	1.36E-03	0.002059	6.61E-04	3.38E-06	2.61E-03	3.28E-03
1518	494311.06	3858601.99	0.05745	0.04781	0.05901	8.55E-04	3.38E-06	1.54E-03	0.002394	8.74E-04	3.32E-06	1.71E-03	0.002585	8.30E-04	4.22E-06	3.28E-03	4.11E-03
1519	494361.06	3858601.99	0.05999	0.05015	0.06183	8.93E-04	3.54E-06	1.61E-03	0.002505	9.12E-04	3.49E-06	1.79E-03	0.002705	8.67E-04	4.42E-06	3.44E-03	4.31E-03
1520	494411.06	3858601.99	0.06203	0.05201	0.06403	9.23E-04	3.67E-06	1.67E-03	0.002593	9.43E-04	3.61E-06	1.85E-03	0.0028	8.96E-04	4.59E-06	3.56E-03	4.46E-03
1521	494461.06	3858601.99	0.06177	0.05184	0.06377	9.19E-04	3.66E-06	1.66E-03	0.002582	9.39E-04	3.60E-06	1.85E-03	0.002788	8.93E-04	4.57E-06	3.54E-03	4.44E-03
1522	494511.06	3858601.99	0.06092	0.05116	0.0629	9.07E-04	3.61E-06	1.64E-03	0.002547	9.27E-04	3.56E-06	1.82E-03	0.00275	8.80E-04	4.51E-06	3.50E-03	4.38E-03
1523	494561.06	3858601.99	0.06093	0.0512	0.06291	9.07E-04	3.62E-06	1.64E-03	0.002547	9.27E-04	3.56E-06	1.82E-03	0.002751	8.80E-04	4.52E-06	3.50E-03	4.38E-03
1524	494611.06	3858601.99	0.06009	0.05051	0.06203	8.94E-04	3.57E-06	1.61E-03	0.002512	9.14E-04	3.51E-06	1.79E-03	0.002712	8.68E-04	4.46E-06	3.45E-03	4.32E-03
1525	494661.06	3858601.99	0.05947	0.05001	0.06138	8.85E-04	3.53E-06	1.60E-03	0.002486	9.04E-04	3.48E-06	1.78E-03	0.002684	8.59E-04	4.41E-06	3.41E-03	4.27E-03
1526	494711.06	3858601.99	0.05854	0.04923	0.06041	8.71E-04	3.48E-06	1.57E-03	0.002446	8.90E-04	3.42E-06	1.75E-03	0.002642	8.46E-04	4.34E-06	3.36E-03	4.21E-03
1527	494761.06	3858601.99	0.05763	0.04847	0.05939	8.58E-04	3.42E-06	1.55E-03	0.002406	8.76E-04	3.37E-06	1.72E-03	0.002598	8.33E-04	4.28E-06	3.30E-03	4.14E-03
1528	494811.06	3858601.99	0.0563	0.0473	0.05799	8.38E-04	3.34E-06	1.51E-03	0.00235	8.56E-04	3.29E-06	1.68E-03	0.002538	8.14E-04	4.17E-06	3.22E-03	4.04E-03
1529	494861.06	3858601.99	0.05557	0.0467	0.05723	8.27E-04	3.30E-06	1.49E-03	0.002319	8.45E-04	3.25E-06	1.66E-03	0.002504	8.03E-04	4.12E-06	3.18E-03	3.99E-03
1530	494911.06	3858601.99	0.05434	0.04565	0.05594	8.09E-04	3.22E-06	1.46E-03	0.002267	8.26E-04	3.17E-06	1.62E-03	0.002448	7.85E-04	4.03E-06	3.11E-03	3.90E-03
1531	494961.06	3858601.99	0.05348	0.04492	0.05504	7.96E-04	3.17E-06	1.43E-03	0.002231	8.13E-04	3.12E-06	1.59E-03	0.002409	7.73E-04	3.96E-06	3.06E-03	3.84E-03
1532	495011.06	3858601.99	0.05258	0.04416	0.0541	7.83E-04	3.12E-06	1.41E-03	0.002193	8.00E-04	3.07E-06	1.57E-03	0.002368	7.60E-04	3.90E-06	3.01E-03	3.77E-03
1533	495061.06	3858601.99	0.05165	0.04338	0.05313	7.69E-04	3.06E-06	1.38E-03	0.002154	7.86E-04	3.02E-06	1.54E-03	0.002326	7.46E-04	3.83E-06	2.95E-03	3.70E-03
1534	495111.06	3858601.99	0.0503	0.04222	0.05172	7.49E-04	2.98E-06	1.35E-03	0.002097	7.65E-04	2.93E-06	1.50E-03	0.002265	7.27E-04	3.73E-06	2.87E-03	3.60E-03
1535	495161.06	3858601.99	0.04958	0.04161	0.05094	7.38E-04	2.94E-06	1.33E-03	0.002066	7.54E-04	2.89E-06	1.47E-03	0.002231	7.16E-04	3.67E-06	2.83E-03	3.55E-03
1536	495211.06	3858601.99	0.04909	0.04121	0.05044	7.31E-04	2.91E-06	1.31E-03	0.002046	7.47E-04	2.86E-06	1.46E-03	0.002209	7.09E-04	3.64E-06	2.80E-03	3.52E-03
1537	495261.06	3858601.99	0.04855	0.04075	0.04988	7.23E-04	2.88E-06	1.30E-03	0.002023	7.38E-04	2.83E-06	1.44E-03	0.002185	7.02E-04	3.60E-06	2.77E-03	3.48E-03
1538	495311.06	3858601.99	0.04814	0.04041	0.04947	7.17E-04	2.85E-06	1.29E-03	0.002006	7.32E-04	2.81E-06	1.43E-03	0.002166	6.96E-04	3.57E-06	2.75E-03	3.45E-03
1539	495361.06	3858601.99	0.0479	0.04022	0.04923	7.13E-04	2.84E-06	1.28E-03	0.001997	7.28E-04	2.80E-06	1.42E-03	0.002156	6.92E-04	3.55E-06	2.74E-03	3.43E-03
1540	495411.06	3858601.99	0.04766	0.04003	0.04899	7.09E-04	2.83E-06	1.27E-03	0.001987	7.25E-04	2.78E-06	1.42E-03	0.002145	6.89E-04	3.53E-06	2.72E-03	3.41E-03
1541	495461.06	3858601.99	0.04747	0.03987	0.0488	7.07E-04	2.82E-06	1.27E-03	0.001979	7.22E-04	2.77E-06	1.41E-03	0.002137	6.86E-04	3.52E-06	2.71E-03	3.40E-03
1542	495511.06	3858601.99	0.04705	0.03953	0.04837	7.00E-04	2.79E-06	1.26E-03	0.001962	7.16E-04	2.75E-06	1.40E-03	0.002118	6.80E-04	3.49E-06	2.69E-03	3.37E-03
1543	495561.06	3858601.99	0.04696	0.03946	0.04829	6.99E-04	2.79E-06	1.26E-03	0.001958	7.14E-04	2.74E-06	1.40E-03	0.002114	6.79E-04	3.48E-06	2.68E-03	3.37E-03
1544	495611.06	3858601.99	0.04648	0.03905	0.04779	6.92E-04	2.76E-06	1.24E-03	0.001938	7.07E-04	2.71E-06	1.38E-03	0.002093	6.72E-04	3.45E-06	2.66E-03	3.33E-03
1545	495661.06	3858601.99	0.04632	0.03892	0.04764	6.89E-04	2.75E-06	1.24E-03	0.001932	7.04E-04	2.71E-06	1.38E-03	0.002086	6.69E-04	3.43E-06	2.65E-03	3.32E-03
1546	494311.06	3858651.99	0.05688	0.04736	0.0584	8.47E-04	3.34E-06	1.52E-03	0.002369	8.65E-04	3.29E-06	1.69E-03	0.002558	8.22E-04	4.18E-06	3.25E-03	4.07E-03
1547	494361.06	3858651.99	0.05935	0.04965	0.06115	8.83E-04	3.51E-06	1.59E-03	0.002478	9.03E-04	3.45E-06	1.77E-03	0.002676	8.58E-04	4.38E-06	3.40E-03	4.26E-03

1548	494411.06	3858651.99	0.06237	0.05241	0.06444	9.28E-04	3.70E-06	1.68E-03	0.002609	9.49E-04	3.64E-06	1.86E-03	0.002817	9.01E-04	4.62E-06	3.58E-03	4.49E-03
1549	494461.06	3858651.99	0.0627	0.05275	0.06479	9.33E-04	3.72E-06	1.69E-03	0.002623	9.54E-04	3.67E-06	1.87E-03	0.002832	9.06E-04	4.65E-06	3.60E-03	4.51E-03
1550	494511.06	3858651.99	0.06217	0.05234	0.06423	9.25E-04	3.70E-06	1.67E-03	0.0026	9.46E-04	3.64E-06	1.86E-03	0.002808	8.98E-04	4.62E-06	3.57E-03	4.47E-03
1551	494561.06	3858651.99	0.0618	0.05208	0.06386	9.20E-04	3.68E-06	1.66E-03	0.002585	9.40E-04	3.62E-06	1.85E-03	0.002791	8.93E-04	4.60E-06	3.55E-03	4.45E-03
1552	494611.06	3858651.99	0.06128	0.05168	0.06332	9.12E-04	3.65E-06	1.65E-03	0.002563	9.32E-04	3.59E-06	1.83E-03	0.002768	8.86E-04	4.56E-06	3.52E-03	4.41E-03
1553	494661.06	3858651.99	0.06049	0.05103	0.0625	9.00E-04	3.60E-06	1.63E-03	0.00253	9.20E-04	3.55E-06	1.81E-03	0.002732	8.74E-04	4.50E-06	3.47E-03	4.35E-03
1554	494711.06	3858651.99	0.05944	0.05014	0.06137	8.85E-04	3.54E-06	1.60E-03	0.002485	9.04E-04	3.48E-06	1.78E-03	0.002683	8.59E-04	4.42E-06	3.41E-03	4.27E-03
1555	494761.06	3858651.99	0.0586	0.04945	0.0605	8.72E-04	3.49E-06	1.57E-03	0.00245	8.91E-04	3.44E-06	1.75E-03	0.002645	8.47E-04	4.36E-06	3.36E-03	4.21E-03
1556	494811.06	3858651.99	0.0574	0.04843	0.05923	8.54E-04	3.42E-06	1.54E-03	0.002399	8.73E-04	3.37E-06	1.71E-03	0.00259	8.29E-04	4.27E-06	3.29E-03	4.12E-03
1557	494861.06	3858651.99	0.0563	0.0475	0.05802	8.38E-04	3.35E-06	1.51E-03	0.002351	8.56E-04	3.30E-06	1.68E-03	0.002538	8.14E-04	4.19E-06	3.22E-03	4.04E-03
1558	494911.06	3858651.99	0.05511	0.04644	0.05675	8.20E-04	3.28E-06	1.48E-03	0.0023	8.38E-04	3.23E-06	1.64E-03	0.002484	7.96E-04	4.10E-06	3.15E-03	3.95E-03
1559	494961.06	3858651.99	0.05402	0.04553	0.05561	8.04E-04	3.21E-06	1.45E-03	0.002254	8.22E-04	3.16E-06	1.61E-03	0.002434	7.81E-04	4.02E-06	3.09E-03	3.87E-03
1560	495011.06	3858651.99	0.05318	0.04482	0.05474	7.92E-04	3.16E-06	1.42E-03	0.002219	8.09E-04	3.12E-06	1.58E-03	0.002396	7.68E-04	3.95E-06	3.04E-03	3.81E-03
1561	495061.06	3858651.99	0.05224	0.04402	0.05375	7.78E-04	3.11E-06	1.40E-03	0.002179	7.95E-04	3.06E-06	1.56E-03	0.002353	7.55E-04	3.88E-06	2.99E-03	3.75E-03
1562	495111.06	3858651.99	0.05114	0.04309	0.0526	7.61E-04	3.04E-06	1.37E-03	0.002133	7.78E-04	2.99E-06	1.52E-03	0.002303	7.39E-04	3.80E-06	2.92E-03	3.67E-03
1563	495161.06	3858651.99	0.05044	0.0425	0.05187	7.51E-04	3.00E-06	1.35E-03	0.002103	7.67E-04	2.95E-06	1.50E-03	0.002271	7.29E-04	3.75E-06	2.88E-03	3.61E-03
1564	495211.06	3858651.99	0.04962	0.0418	0.05102	7.39E-04	2.95E-06	1.33E-03	0.002069	7.55E-04	2.91E-06	1.48E-03	0.002234	7.17E-04	3.69E-06	2.83E-03	3.56E-03
1565	495261.06	3858651.99	0.04936	0.04159	0.05076	7.35E-04	2.94E-06	1.32E-03	0.002058	7.51E-04	2.89E-06	1.47E-03	0.002222	7.13E-04	3.67E-06	2.82E-03	3.54E-03
1566	495311.06	3858651.99	0.04892	0.04123	0.05032	7.28E-04	2.91E-06	1.31E-03	0.00204	7.44E-04	2.87E-06	1.46E-03	0.002203	7.07E-04	3.64E-06	2.80E-03	3.51E-03
1567	495361.06	3858651.99	0.04866	0.04102	0.05005	7.24E-04	2.90E-06	1.30E-03	0.002029	7.40E-04	2.85E-06	1.45E-03	0.002191	7.03E-04	3.62E-06	2.78E-03	3.49E-03
1568	495411.06	3858651.99	0.04848	0.04088	0.04987	7.22E-04	2.89E-06	1.30E-03	0.002022	7.37E-04	2.84E-06	1.44E-03	0.002183	7.01E-04	3.61E-06	2.77E-03	3.48E-03
1569	495461.06	3858651.99	0.0484	0.04083	0.04981	7.20E-04	2.88E-06	1.30E-03	0.002019	7.36E-04	2.84E-06	1.44E-03	0.00218	6.99E-04	3.60E-06	2.77E-03	3.47E-03
1570	495511.06	3858651.99	0.04791	0.04042	0.04931	7.13E-04	2.85E-06	1.28E-03	0.001999	7.29E-04	2.81E-06	1.43E-03	0.002158	6.92E-04	3.57E-06	2.74E-03	3.44E-03
1571	495561.06	3858651.99	0.04755	0.04012	0.04894	7.08E-04	2.83E-06	1.27E-03	0.001984	7.23E-04	2.79E-06	1.42E-03	0.002142	6.87E-04	3.54E-06	2.72E-03	3.41E-03
1572	495611.06	3858651.99	0.047	0.03965	0.04834	7.00E-04	2.80E-06	1.26E-03	0.00196	7.15E-04	2.76E-06	1.40E-03	0.002116	6.79E-04	3.50E-06	2.69E-03	3.37E-03
1573	495661.06	3858651.99	0.04682	0.0395	0.04816	6.97E-04	2.79E-06	1.25E-03	0.001953	7.12E-04	2.75E-06	1.39E-03	0.002108	6.77E-04	3.49E-06	2.68E-03	3.36E-03
1574	494311.06	3858701.99	0.05757	0.04799	0.05914	8.57E-04	3.39E-06	1.54E-03	0.002399	8.76E-04	3.34E-06	1.71E-03	0.00259	8.32E-04	4.23E-06	3.29E-03	4.12E-03
1575	494361.06	3858701.99	0.06112	0.05126	0.06307	9.10E-04	3.62E-06	1.64E-03	0.002554	9.30E-04	3.56E-06	1.83E-03	0.002758	8.83E-04	4.52E-06	3.50E-03	4.39E-03
1576	494411.06	3858701.99	0.06322	0.05321	0.06539	9.41E-04	3.76E-06	1.70E-03	0.002646	9.61E-04	3.70E-06	1.89E-03	0.002857	9.14E-04	4.69E-06	3.63E-03	4.55E-03
1577	494461.06	3858701.99	0.06313	0.05321	0.06532	9.40E-04	3.76E-06	1.70E-03	0.002643	9.60E-04	3.70E-06	1.89E-03	0.002854	9.12E-04	4.69E-06	3.63E-03	4.55E-03
1578	494511.06	3858701.99	0.06313	0.05325	0.06529	9.40E-04	3.76E-06	1.70E-03	0.002642	9.60E-04	3.70E-06	1.89E-03	0.002853	9.12E-04	4.70E-06	3.63E-03	4.54E-03
1579	494561.06	3858701.99	0.06263	0.05288	0.06477	9.32E-04	3.73E-06	1.69E-03	0.002621	9.53E-04	3.68E-06	1.87E-03	0.00283	9.05E-04	4.67E-06	3.60E-03	4.51E-03
1580	494611.06	3858701.99	0.06136	0.05181	0.06342	9.13E-04	3.66E-06	1.65E-03	0.002567	9.33E-04	3.60E-06	1.84E-03	0.002772	8.87E-04	4.57E-06	3.52E-03	4.42E-03
1581	494661.06	3858701.99	0.0612	0.05174	0.06327	9.11E-04	3.65E-06	1.65E-03	0.002561	9.31E-04	3.60E-06	1.83E-03	0.002765	8.84E-04	4.57E-06	3.52E-03	4.40E-03
1582	494711.06	3858701.99	0.05859	0.04947	0.06047	8.72E-04	3.49E-06	1.57E-03	0.002449	8.91E-04	3.44E-06	1.75E-03	0.002644	8.47E-04	4.36E-06	3.36E-03	4.21E-03
1583	494761.06	3858701.99	0.05903	0.04993	0.06097	8.79E-04	3.53E-06	1.59E-03	0.002468	8.98E-04	3.47E-06	1.76E-03	0.002666	8.53E-04	4.41E-06	3.39E-03	4.25E-03
1584	494811.06	3858701.99	0.05782	0.0489	0.05969	8.61E-04	3.45E-06	1.55E-03	0.002417	8.79E-04	3.40E-06	1.73E-03	0.00261	8.36E-04	4.31E-06	3.32E-03	4.16E-03
1585	494861.06	3858701.99	0.05685	0.04809	0.05866	8.46E-04	3.40E-06	1.53E-03	0.002376	8.65E-04	3.34E-06	1.70E-03	0.002565	8.21E-04	4.24E-06	3.26E-03	4.09E-03
1586	494911.06	3858701.99	0.05601	0.04738	0.05777	8.34E-04	3.35E-06	1.50E-03	0.00234	8.52E-04	3.29E-06	1.67E-03	0.002527	8.09E-04	4.18E-06	3.21E-03	4.02E-03
1587	494961.06	3858701.99	0.0544	0.04596	0.05601	8.10E-04	3.25E-06	1.46E-03	0.00227	8.27E-04	3.19E-06	1.62E-03	0.002451	7.86E-04	4.06E-06	3.11E-03	3.90E-03
1588	495011.06	3858701.99	0.05337	0.04509	0.05493	7.94E-04	3.18E-06	1.43E-03	0.002227	8.12E-04	3.13E-06	1.59E-03	0.002404	7.71E-04	3.98E-06	3.05E-03	3.83E-03
1589	495061.06	3858701.99	0.05288	0.0447	0.05443	7.87E-04	3.16E-06	1.42E-03	0.002206	8.04E-04	3.11E-06	1.58E-03	0.002382	7.64E-04	3.94E-06	3.02E-03	3.79E-03
1590	495111.06	3858701.99	0.05171	0.0437	0.0532	7.70E-04	3.09E-06	1.38E-03	0.002157	7.86E-04	3.04E-06	1.54E-03	0.002329	7.47E-04	3.86E-06	2.96E-03	3.71E-03
1591	495161.06	3858701.99	0.0511	0.0432	0.05257	7.61E-04	3.05E-06	1.37E-03	0.002131	7.77E-04	3.00E-06	1.52E-03	0.002301	7.38E-04	3.81E-06	2.92E-03	3.66E-03
1592	495211.06	3858701.99	0.0503	0.04251	0.05173	7.49E-04	3.00E-06	1.35E-03	0.002098	7.65E-04	2.95E-06	1.50E-03	0.002265	7.27E-04	3.75E-06	2.87E-03	3.61E-03
1593	495261.06	3858701.99	0.05006	0.04234	0.0515	7.45E-04	2.99E-06	1.34E-03	0.002088	7.61E-04	2.94E-06	1.49E-03	0.002255	7.23E-04	3.74E-06	2.86E-03	3.59E-03
1594	495311.06	3858701.99	0.04984	0.04217	0.05128	7.42E-04	2.98E-06	1.33E-03	0.002079	7.58E-04	2.93E-06	1.48E-03	0.002245	7.20E-04	3.72E-06	2.85E-03	3.57E-03

1595	495361.06	3858701.99	0.04949	0.04189	0.05093	7.37E-04	2.96E-06	1.32E-03	0.002065	7.53E-04	2.91E-06	1.47E-03	0.002229	7.15E-04	3.70E-06	2.83E-03	3.55E-03
1596	495411.06	3858701.99	0.04938	0.04181	0.05082	7.35E-04	2.95E-06	1.32E-03	0.00206	7.51E-04	2.91E-06	1.47E-03	0.002225	7.14E-04	3.69E-06	2.82E-03	3.54E-03
1597	495461.06	3858701.99	0.04911	0.04159	0.05055	7.31E-04	2.94E-06	1.32E-03	0.002049	7.47E-04	2.89E-06	1.46E-03	0.002213	7.10E-04	3.67E-06	2.81E-03	3.52E-03
1598	495511.06	3858701.99	0.04871	0.04127	0.05015	7.25E-04	2.91E-06	1.30E-03	0.002033	7.41E-04	2.87E-06	1.45E-03	0.002195	7.04E-04	3.64E-06	2.79E-03	3.49E-03
1599	495561.06	3858701.99	0.04824	0.04087	0.04966	7.18E-04	2.89E-06	1.29E-03	0.002013	7.34E-04	2.84E-06	1.44E-03	0.002174	6.97E-04	3.61E-06	2.76E-03	3.46E-03
1600	495611.06	3858701.99	0.04776	0.04046	0.04917	7.11E-04	2.86E-06	1.28E-03	0.001993	7.26E-04	2.81E-06	1.42E-03	0.002152	6.90E-04	3.57E-06	2.73E-03	3.43E-03
1601	495661.06	3858701.99	0.04746	0.04021	0.04886	7.06E-04	2.84E-06	1.27E-03	0.00198	7.22E-04	2.79E-06	1.41E-03	0.002138	6.86E-04	3.55E-06	2.71E-03	3.40E-03
1602	494311.06	3858751.99	0.05843	0.04881	0.06015	8.70E-04	3.45E-06	1.56E-03	0.002438	8.89E-04	3.39E-06	1.74E-03	0.002633	8.44E-04	4.31E-06	3.34E-03	4.19E-03
1603	494361.06	3858751.99	0.06266	0.05264	0.06477	9.33E-04	3.72E-06	1.69E-03	0.002621	9.53E-04	3.66E-06	1.87E-03	0.002831	9.05E-04	4.64E-06	3.60E-03	4.51E-03
1604	494411.06	3858751.99	0.06425	0.05414	0.06653	9.56E-04	3.82E-06	1.73E-03	0.002691	9.77E-04	3.76E-06	1.93E-03	0.002906	9.28E-04	4.78E-06	3.70E-03	4.63E-03
1605	494461.06	3858751.99	0.06414	0.05413	0.06644	9.55E-04	3.82E-06	1.73E-03	0.002687	9.75E-04	3.76E-06	1.92E-03	0.002902	9.27E-04	4.78E-06	3.69E-03	4.62E-03
1606	494511.06	3858751.99	0.06431	0.05432	0.0666	9.57E-04	3.84E-06	1.73E-03	0.002694	9.78E-04	3.78E-06	1.93E-03	0.002909	9.29E-04	4.79E-06	3.70E-03	4.63E-03
1607	494561.06	3858751.99	0.06341	0.05363	0.06568	9.44E-04	3.79E-06	1.71E-03	0.002656	9.64E-04	3.73E-06	1.90E-03	0.002869	9.16E-04	4.73E-06	3.65E-03	4.57E-03
1608	494611.06	3858751.99	0.06239	0.05279	0.06458	9.29E-04	3.73E-06	1.68E-03	0.002612	9.49E-04	3.67E-06	1.87E-03	0.002821	9.02E-04	4.66E-06	3.59E-03	4.49E-03
1609	494661.06	3858751.99	0.06167	0.05223	0.06384	9.18E-04	3.69E-06	1.66E-03	0.002582	9.38E-04	3.63E-06	1.85E-03	0.002789	8.91E-04	4.61E-06	3.55E-03	4.44E-03
1610	494711.06	3858751.99	0.06015	0.05094	0.06222	8.95E-04	3.60E-06	1.62E-03	0.002518	9.15E-04	3.54E-06	1.80E-03	0.002719	8.69E-04	4.49E-06	3.46E-03	4.33E-03
1611	494761.06	3858751.99	0.05977	0.05065	0.06179	8.90E-04	3.58E-06	1.61E-03	0.002501	9.09E-04	3.52E-06	1.79E-03	0.002701	8.64E-04	4.47E-06	3.43E-03	4.30E-03
1612	494811.06	3858751.99	0.05846	0.04953	0.06039	8.70E-04	3.50E-06	1.57E-03	0.002445	8.89E-04	3.44E-06	1.75E-03	0.00264	8.45E-04	4.37E-06	3.36E-03	4.20E-03
1613	494861.06	3858751.99	0.05731	0.04856	0.05916	8.53E-04	3.43E-06	1.54E-03	0.002396	8.72E-04	3.38E-06	1.71E-03	0.002587	8.28E-04	4.28E-06	3.29E-03	4.12E-03
1614	494911.06	3858751.99	0.05604	0.04749	0.05782	8.34E-04	3.35E-06	1.50E-03	0.002342	8.52E-04	3.30E-06	1.67E-03	0.002529	8.10E-04	4.19E-06	3.21E-03	4.03E-03
1615	494961.06	3858751.99	0.05513	0.04673	0.05686	8.21E-04	3.30E-06	1.48E-03	0.002303	8.38E-04	3.25E-06	1.65E-03	0.002487	7.97E-04	4.12E-06	3.16E-03	3.96E-03
1616	495011.06	3858751.99	0.05449	0.04621	0.05619	8.11E-04	3.26E-06	1.46E-03	0.002276	8.29E-04	3.21E-06	1.63E-03	0.002458	7.87E-04	4.08E-06	3.12E-03	3.91E-03
1617	495061.06	3858751.99	0.05356	0.04538	0.05516	7.97E-04	3.20E-06	1.44E-03	0.002235	8.15E-04	3.15E-06	1.60E-03	0.002414	7.74E-04	4.00E-06	3.07E-03	3.84E-03
1618	495111.06	3858751.99	0.05247	0.04446	0.05401	7.81E-04	3.14E-06	1.41E-03	0.002189	7.98E-04	3.09E-06	1.56E-03	0.002364	7.58E-04	3.92E-06	3.00E-03	3.76E-03
1619	495161.06	3858751.99	0.05182	0.04393	0.05334	7.71E-04	3.10E-06	1.39E-03	0.002162	7.88E-04	3.05E-06	1.54E-03	0.002335	7.49E-04	3.88E-06	2.96E-03	3.72E-03
1620	495211.06	3858751.99	0.05101	0.04325	0.05249	7.59E-04	3.05E-06	1.37E-03	0.002128	7.76E-04	3.01E-06	1.52E-03	0.002298	7.37E-04	3.82E-06	2.92E-03	3.66E-03
1621	495261.06	3858751.99	0.05074	0.04304	0.05222	7.55E-04	3.04E-06	1.36E-03	0.002117	7.72E-04	2.99E-06	1.51E-03	0.002286	7.33E-04	3.80E-06	2.90E-03	3.64E-03
1622	495311.06	3858751.99	0.05053	0.04289	0.05201	7.52E-04	3.03E-06	1.35E-03	0.002108	7.68E-04	2.98E-06	1.51E-03	0.002277	7.30E-04	3.78E-06	2.89E-03	3.62E-03
1623	495361.06	3858751.99	0.0502	0.04262	0.05167	7.47E-04	3.01E-06	1.34E-03	0.002094	7.63E-04	2.96E-06	1.50E-03	0.002262	7.25E-04	3.76E-06	2.87E-03	3.60E-03
1624	495411.06	3858751.99	0.05015	0.04261	0.05164	7.46E-04	3.01E-06	1.34E-03	0.002093	7.63E-04	2.96E-06	1.49E-03	0.00226	7.25E-04	3.76E-06	2.87E-03	3.60E-03
1625	495461.06	3858751.99	0.04987	0.0424	0.05136	7.42E-04	2.99E-06	1.34E-03	0.002081	7.58E-04	2.95E-06	1.49E-03	0.002248	7.21E-04	3.74E-06	2.85E-03	3.58E-03
1626	495511.06	3858751.99	0.04947	0.04206	0.05095	7.36E-04	2.97E-06	1.33E-03	0.002065	7.52E-04	2.92E-06	1.47E-03	0.00223	7.15E-04	3.71E-06	2.83E-03	3.55E-03
1627	495561.06	3858751.99	0.04901	0.04168	0.05048	7.30E-04	2.94E-06	1.31E-03	0.002046	7.45E-04	2.90E-06	1.46E-03	0.002209	7.08E-04	3.68E-06	2.80E-03	3.52E-03
1628	495611.06	3858751.99	0.04855	0.04129	0.05001	7.23E-04	2.92E-06	1.30E-03	0.002027	7.38E-04	2.87E-06	1.45E-03	0.002188	7.02E-04	3.64E-06	2.78E-03	3.48E-03
1629	495661.06	3858751.99	0.04818	0.04098	0.04963	7.17E-04	2.89E-06	1.29E-03	0.002011	7.33E-04	2.85E-06	1.44E-03	0.002172	6.96E-04	3.62E-06	2.76E-03	3.46E-03
1630	494311.06	3858801.99	0.06013	0.05033	0.06202	8.95E-04	3.55E-06	1.61E-03	0.002512	9.15E-04	3.50E-06	1.79E-03	0.002713	8.69E-04	4.44E-06	3.45E-03	4.32E-03
1631	494361.06	3858801.99	0.06385	0.05371	0.0661	9.50E-04	3.79E-06	1.72E-03	0.002674	9.71E-04	3.73E-06	1.91E-03	0.002888	9.23E-04	4.74E-06	3.67E-03	4.60E-03
1632	494411.06	3858801.99	0.06465	0.05451	0.06701	9.62E-04	3.85E-06	1.74E-03	0.002709	9.83E-04	3.79E-06	1.94E-03	0.002926	9.34E-04	4.81E-06	3.72E-03	4.66E-03
1633	494461.06	3858801.99	0.06497	0.05488	0.06739	9.67E-04	3.87E-06	1.75E-03	0.002724	9.88E-04	3.81E-06	1.95E-03	0.002942	9.39E-04	4.84E-06	3.74E-03	4.69E-03
1634	494511.06	3858801.99	0.06523	0.05515	0.06764	9.71E-04	3.89E-06	1.76E-03	0.002735	9.92E-04	3.83E-06	1.96E-03	0.002953	9.43E-04	4.87E-06	3.76E-03	4.71E-03
1635	494561.06	3858801.99	0.06486	0.05489	0.06726	9.65E-04	3.88E-06	1.75E-03	0.002719	9.86E-04	3.82E-06	1.95E-03	0.002937	9.37E-04	4.84E-06	3.74E-03	4.68E-03
1636	494611.06	3858801.99	0.06418	0.05437	0.06654	9.55E-04	3.84E-06	1.73E-03	0.00269	9.76E-04	3.78E-06	1.93E-03	0.002905	9.27E-04	4.80E-06	3.70E-03	4.63E-03
1637	494661.06	3858801.99	0.06307	0.05346	0.06535	9.39E-04	3.77E-06	1.70E-03	0.002643	9.59E-04	3.72E-06	1.89E-03	0.002854	9.11E-04	4.72E-06	3.63E-03	4.55E-03
1638	494711.06	3858801.99	0.06178	0.05238	0.06396	9.20E-04	3.70E-06	1.66E-03	0.002587	9.40E-04	3.64E-06	1.85E-03	0.002794	8.93E-04	4.62E-06	3.55E-03	4.45E-03
1639	494761.06	3858801.99	0.06028	0.05112	0.06236	8.97E-04	3.61E-06	1.62E-03	0.002523	9.17E-04	3.55E-06	1.80E-03	0.002725	8.71E-04	4.51E-06	3.47E-03	4.34E-03
1640	494811.06	3858801.99	0.05876	0.04983	0.06073	8.75E-04	3.52E-06	1.58E-03	0.002458	8.94E-04	3.46E-06	1.76E-03	0.002654	8.49E-04	4.40E-06	3.37E-03	4.23E-03
1641	494861.06	3858801.99	0.05794	0.04916	0.0599	8.62E-04	3.47E-06	1.56E-03	0.002424	8.81E-04	3.42E-06	1.73E-03	0.002618	8.37E-04	4.34E-06	3.33E-03	4.17E-03

1642	494911.06	3858801.99	0.05672	0.04813	0.05856	8.44E-04	3.40E-06	1.52E-03	0.002371	8.63E-04	3.35E-06	1.69E-03	0.002561	8.20E-04	4.25E-06	3.25E-03	4.08E-03
1643	494961.06	3858801.99	0.05581	0.04738	0.05761	8.31E-04	3.35E-06	1.50E-03	0.002333	8.49E-04	3.29E-06	1.67E-03	0.002519	8.06E-04	4.18E-06	3.20E-03	4.01E-03
1644	495011.06	3858801.99	0.05486	0.04659	0.0566	8.17E-04	3.29E-06	1.47E-03	0.002292	8.34E-04	3.24E-06	1.64E-03	0.002475	7.93E-04	4.11E-06	3.15E-03	3.94E-03
1645	495061.06	3858801.99	0.05424	0.04609	0.05595	8.07E-04	3.25E-06	1.46E-03	0.002266	8.25E-04	3.20E-06	1.62E-03	0.002447	7.84E-04	4.07E-06	3.11E-03	3.90E-03
1646	495111.06	3858801.99	0.05304	0.04507	0.05463	7.89E-04	3.18E-06	1.42E-03	0.002214	8.07E-04	3.13E-06	1.58E-03	0.002391	7.66E-04	3.98E-06	3.04E-03	3.81E-03
1647	495161.06	3858801.99	0.05216	0.04429	0.0537	7.76E-04	3.13E-06	1.40E-03	0.002177	7.93E-04	3.08E-06	1.55E-03	0.00235	7.54E-04	3.91E-06	2.98E-03	3.74E-03
1648	495211.06	3858801.99	0.05167	0.0439	0.05319	7.69E-04	3.10E-06	1.38E-03	0.002156	7.86E-04	3.05E-06	1.54E-03	0.002328	7.47E-04	3.87E-06	2.96E-03	3.71E-03
1649	495261.06	3858801.99	0.05142	0.04372	0.05295	7.65E-04	3.09E-06	1.38E-03	0.002146	7.82E-04	3.04E-06	1.53E-03	0.002317	7.43E-04	3.86E-06	2.94E-03	3.69E-03
1650	495311.06	3858801.99	0.05126	0.04362	0.05279	7.63E-04	3.08E-06	1.37E-03	0.002139	7.80E-04	3.03E-06	1.53E-03	0.00231	7.41E-04	3.85E-06	2.93E-03	3.68E-03
1651	495361.06	3858801.99	0.05096	0.04339	0.05249	7.59E-04	3.06E-06	1.37E-03	0.002127	7.75E-04	3.02E-06	1.52E-03	0.002297	7.36E-04	3.83E-06	2.92E-03	3.66E-03
1652	495411.06	3858801.99	0.05104	0.0435	0.05259	7.60E-04	3.07E-06	1.37E-03	0.002131	7.76E-04	3.02E-06	1.52E-03	0.002301	7.38E-04	3.84E-06	2.92E-03	3.66E-03
1653	495461.06	3858801.99	0.0507	0.04324	0.05225	7.55E-04	3.05E-06	1.36E-03	0.002117	7.71E-04	3.01E-06	1.51E-03	0.002286	7.33E-04	3.82E-06	2.90E-03	3.64E-03
1654	495511.06	3858801.99	0.05023	0.04284	0.05176	7.48E-04	3.02E-06	1.35E-03	0.002097	7.64E-04	2.98E-06	1.50E-03	0.002265	7.26E-04	3.78E-06	2.88E-03	3.61E-03
1655	495561.06	3858801.99	0.04983	0.04252	0.05135	7.42E-04	3.00E-06	1.34E-03	0.002081	7.58E-04	2.96E-06	1.49E-03	0.002247	7.20E-04	3.75E-06	2.85E-03	3.58E-03
1656	495611.06	3858801.99	0.04925	0.04203	0.05075	7.33E-04	2.97E-06	1.32E-03	0.002056	7.49E-04	2.92E-06	1.47E-03	0.002221	7.12E-04	3.71E-06	2.82E-03	3.54E-03
1657	495661.06	3858801.99	0.04896	0.0418	0.05046	7.29E-04	2.95E-06	1.31E-03	0.002044	7.45E-04	2.91E-06	1.46E-03	0.002208	7.07E-04	3.69E-06	2.80E-03	3.52E-03
1658	494311.06	3858851.99	0.06418	0.05395	0.06647	9.55E-04	3.81E-06	1.73E-03	0.002688	9.76E-04	3.75E-06	1.92E-03	0.002903	9.27E-04	4.76E-06	3.69E-03	4.63E-03
1659	494361.06	3858851.99	0.06628	0.05589	0.06881	9.87E-04	3.95E-06	1.79E-03	0.002781	1.01E-03	3.88E-06	1.99E-03	0.003003	9.58E-04	4.93E-06	3.82E-03	4.79E-03
1660	494411.06	3858851.99	0.066	0.05572	0.06853	9.82E-04	3.93E-06	1.78E-03	0.002769	1.00E-03	3.87E-06	1.98E-03	0.002991	9.54E-04	4.92E-06	3.81E-03	4.77E-03
1661	494461.06	3858851.99	0.06603	0.05583	0.06859	9.83E-04	3.94E-06	1.78E-03	0.002771	1.00E-03	3.88E-06	1.98E-03	0.002993	9.54E-04	4.93E-06	3.81E-03	4.77E-03
1662	494511.06	3858851.99	0.06601	0.05583	0.06853	9.83E-04	3.94E-06	1.78E-03	0.002769	1.00E-03	3.88E-06	1.98E-03	0.002991	9.54E-04	4.93E-06	3.81E-03	4.77E-03
1663	494561.06	3858851.99	0.06551	0.05547	0.06801	9.75E-04	3.92E-06	1.77E-03	0.002748	9.96E-04	3.86E-06	1.97E-03	0.002968	9.47E-04	4.89E-06	3.78E-03	4.73E-03
1664	494611.06	3858851.99	0.06467	0.0548	0.06711	9.63E-04	3.87E-06	1.75E-03	0.002712	9.84E-04	3.81E-06	1.94E-03	0.002929	9.34E-04	4.84E-06	3.73E-03	4.67E-03
1665	494661.06	3858851.99	0.06361	0.05393	0.06597	9.47E-04	3.81E-06	1.72E-03	0.002667	9.67E-04	3.75E-06	1.91E-03	0.00288	9.19E-04	4.76E-06	3.67E-03	4.59E-03
1666	494711.06	3858851.99	0.06209	0.05265	0.06434	9.24E-04	3.72E-06	1.67E-03	0.002602	9.44E-04	3.66E-06	1.86E-03	0.00281	8.97E-04	4.65E-06	3.58E-03	4.48E-03
1667	494761.06	3858851.99	0.06065	0.05144	0.06278	9.03E-04	3.63E-06	1.63E-03	0.00254	9.22E-04	3.58E-06	1.82E-03	0.002743	8.76E-04	4.54E-06	3.49E-03	4.37E-03
1668	494811.06	3858851.99	0.05945	0.05044	0.06151	8.85E-04	3.56E-06	1.60E-03	0.002489	9.04E-04	3.51E-06	1.78E-03	0.002688	8.59E-04	4.45E-06	3.42E-03	4.28E-03
1669	494861.06	3858851.99	0.05866	0.04981	0.06067	8.73E-04	3.52E-06	1.58E-03	0.002455	8.92E-04	3.46E-06	1.76E-03	0.002651	8.48E-04	4.39E-06	3.37E-03	4.22E-03
1670	494911.06	3858851.99	0.05756	0.04889	0.05949	8.57E-04	3.45E-06	1.55E-03	0.002408	8.75E-04	3.40E-06	1.72E-03	0.0026	8.32E-04	4.31E-06	3.31E-03	4.14E-03
1671	494961.06	3858851.99	0.0566	0.0481	0.05848	8.42E-04	3.40E-06	1.52E-03	0.002367	8.61E-04	3.34E-06	1.69E-03	0.002556	8.18E-04	4.24E-06	3.25E-03	4.07E-03
1672	495011.06	3858851.99	0.05582	0.04747	0.05765	8.31E-04	3.35E-06	1.50E-03	0.002334	8.49E-04	3.30E-06	1.67E-03	0.00252	8.07E-04	4.19E-06	3.20E-03	4.01E-03
1673	495061.06	3858851.99	0.0549	0.04671	0.05668	8.17E-04	3.30E-06	1.47E-03	0.002295	8.35E-04	3.25E-06	1.64E-03	0.002478	7.93E-04	4.12E-06	3.15E-03	3.95E-03
1674	495111.06	3858851.99	0.05329	0.04532	0.05496	7.93E-04	3.20E-06	1.43E-03	0.002226	8.10E-04	3.15E-06	1.59E-03	0.002404	7.70E-04	4.00E-06	3.05E-03	3.83E-03
1675	495161.06	3858851.99	0.05244	0.04461	0.05406	7.81E-04	3.15E-06	1.41E-03	0.00219	7.98E-04	3.10E-06	1.56E-03	0.002365	7.58E-04	3.94E-06	3.00E-03	3.77E-03
1676	495211.06	3858851.99	0.05243	0.04466	0.05407	7.80E-04	3.15E-06	1.41E-03	0.00219	7.97E-04	3.10E-06	1.56E-03	0.002365	7.58E-04	3.94E-06	3.00E-03	3.77E-03
1677	495261.06	3858851.99	0.05216	0.04447	0.0538	7.76E-04	3.14E-06	1.40E-03	0.002179	7.93E-04	3.09E-06	1.56E-03	0.002353	7.54E-04	3.92E-06	2.99E-03	3.75E-03
1678	495311.06	3858851.99	0.05207	0.04444	0.05371	7.75E-04	3.14E-06	1.40E-03	0.002176	7.92E-04	3.09E-06	1.55E-03	0.002349	7.52E-04	3.92E-06	2.98E-03	3.74E-03
1679	495361.06	3858851.99	0.05185	0.04429	0.0535	7.72E-04	3.13E-06	1.39E-03	0.002167	7.89E-04	3.08E-06	1.55E-03	0.00234	7.49E-04	3.91E-06	2.97E-03	3.73E-03
1680	495411.06	3858851.99	0.05164	0.04414	0.05329	7.69E-04	3.12E-06	1.39E-03	0.002158	7.85E-04	3.07E-06	1.54E-03	0.002331	7.46E-04	3.89E-06	2.96E-03	3.71E-03
1681	495461.06	3858851.99	0.05147	0.04404	0.05313	7.66E-04	3.11E-06	1.38E-03	0.002151	7.83E-04	3.06E-06	1.54E-03	0.002323	7.44E-04	3.89E-06	2.95E-03	3.70E-03
1682	495511.06	3858851.99	0.05112	0.04377	0.05278	7.61E-04	3.09E-06	1.37E-03	0.002137	7.77E-04	3.04E-06	1.53E-03	0.002308	7.39E-04	3.86E-06	2.93E-03	3.68E-03
1683	495561.06	3858851.99	0.05037	0.04312	0.05193	7.50E-04	3.04E-06	1.35E-03	0.002104	7.66E-04	3.00E-06	1.50E-03	0.002272	7.28E-04	3.80E-06	2.89E-03	3.62E-03
1684	495611.06	3858851.99	0.04975	0.04256	0.05128	7.41E-04	3.01E-06	1.33E-03	0.002078	7.57E-04	2.96E-06	1.48E-03	0.002244	7.19E-04	3.76E-06	2.85E-03	3.57E-03
1685	495661.06	3858851.99	0.04958	0.04245	0.05112	7.38E-04	3.00E-06	1.33E-03	0.002071	7.54E-04	2.95E-06	1.48E-03	0.002236	7.16E-04	3.75E-06	2.84E-03	3.56E-03
1686	494311.06	3858901.99	0.06576	0.0554	0.06824	9.79E-04	3.91E-06	1.78E-03	0.002758	1.00E-03	3.85E-06	1.97E-03	0.002979	9.50E-04	4.89E-06	3.79E-03	4.75E-03
1687	494361.06	3858901.99	0.06728	0.05683	0.06995	1.00E-03	4.01E-06	1.82E-03	0.002825	1.02E-03	3.95E-06	2.02E-03	0.003051	9.72E-04	5.01E-06	3.89E-03	4.86E-03
1688	494411.06	3858901.99	0.0673	0.05691	0.07	1.00E-03	4.02E-06	1.82E-03	0.002827	1.02E-03	3.96E-06	2.03E-03	0.003053	9.72E-04	5.02E-06	3.89E-03	4.87E-03

1689	494461.06	3858901.99	0.0675	0.0571	0.07018	1.00E-03	4.03E-06	1.83E-03	0.002835	1.03E-03	3.97E-06	2.03E-03	0.003061	9.75E-04	5.04E-06	3.90E-03	4.88E-03
1690	494511.06	3858901.99	0.06731	0.057	0.06999	1.00E-03	4.02E-06	1.82E-03	0.002827	1.02E-03	3.96E-06	2.03E-03	0.003053	9.73E-04	5.03E-06	3.89E-03	4.87E-03
1691	494561.06	3858901.99	0.06644	0.05629	0.06906	9.89E-04	3.97E-06	1.80E-03	0.00279	1.01E-03	3.91E-06	2.00E-03	0.003013	9.60E-04	4.97E-06	3.84E-03	4.80E-03
1692	494611.06	3858901.99	0.06494	0.05503	0.06744	9.67E-04	3.89E-06	1.75E-03	0.002725	9.88E-04	3.82E-06	1.95E-03	0.002943	9.38E-04	4.86E-06	3.75E-03	4.69E-03
1693	494661.06	3858901.99	0.0641	0.05436	0.06655	9.54E-04	3.84E-06	1.73E-03	0.002689	9.75E-04	3.78E-06	1.93E-03	0.002904	9.26E-04	4.80E-06	3.70E-03	4.63E-03
1694	494711.06	3858901.99	0.06273	0.05321	0.06507	9.34E-04	3.76E-06	1.69E-03	0.00263	9.54E-04	3.70E-06	1.88E-03	0.002841	9.06E-04	4.69E-06	3.62E-03	4.53E-03
1695	494761.06	3858901.99	0.06112	0.05184	0.06333	9.10E-04	3.66E-06	1.65E-03	0.002561	9.30E-04	3.60E-06	1.83E-03	0.002766	8.83E-04	4.57E-06	3.52E-03	4.41E-03
1696	494811.06	3858901.99	0.06017	0.05107	0.06231	8.96E-04	3.61E-06	1.62E-03	0.00252	9.15E-04	3.55E-06	1.80E-03	0.002722	8.69E-04	4.51E-06	3.46E-03	4.34E-03
1697	494861.06	3858901.99	0.05944	0.05049	0.06154	8.85E-04	3.57E-06	1.60E-03	0.002489	9.04E-04	3.51E-06	1.78E-03	0.002688	8.59E-04	4.45E-06	3.42E-03	4.28E-03
1698	494911.06	3858901.99	0.05789	0.04918	0.05988	8.62E-04	3.47E-06	1.56E-03	0.002423	8.80E-04	3.42E-06	1.73E-03	0.002617	8.37E-04	4.34E-06	3.33E-03	4.17E-03
1699	494961.06	3858901.99	0.05704	0.04849	0.05898	8.49E-04	3.42E-06	1.53E-03	0.002387	8.68E-04	3.37E-06	1.71E-03	0.002578	8.24E-04	4.28E-06	3.28E-03	4.11E-03
1700	495011.06	3858901.99	0.05622	0.04782	0.0581	8.37E-04	3.38E-06	1.51E-03	0.002352	8.55E-04	3.32E-06	1.68E-03	0.00254	8.12E-04	4.22E-06	3.23E-03	4.05E-03
1701	495061.06	3858901.99	0.05505	0.04684	0.05685	8.19E-04	3.31E-06	1.48E-03	0.002302	8.37E-04	3.26E-06	1.65E-03	0.002486	7.95E-04	4.13E-06	3.16E-03	3.96E-03
1702	495111.06	3858901.99	0.05341	0.04544	0.0551	7.95E-04	3.21E-06	1.43E-03	0.002232	8.12E-04	3.16E-06	1.59E-03	0.00241	7.72E-04	4.01E-06	3.06E-03	3.84E-03
1703	495161.06	3858901.99	0.0529	0.04504	0.05457	7.87E-04	3.18E-06	1.42E-03	0.00221	8.05E-04	3.13E-06	1.58E-03	0.002387	7.64E-04	3.97E-06	3.03E-03	3.80E-03
1704	495211.06	3858901.99	0.05315	0.04533	0.05486	7.91E-04	3.20E-06	1.43E-03	0.002222	8.08E-04	3.15E-06	1.59E-03	0.002399	7.68E-04	4.00E-06	3.05E-03	3.82E-03
1705	495261.06	3858901.99	0.053	0.04525	0.05472	7.89E-04	3.20E-06	1.42E-03	0.002216	8.06E-04	3.14E-06	1.58E-03	0.002393	7.66E-04	3.99E-06	3.04E-03	3.81E-03
1706	495311.06	3858901.99	0.05272	0.04505	0.05444	7.85E-04	3.18E-06	1.42E-03	0.002204	8.02E-04	3.13E-06	1.58E-03	0.00238	7.62E-04	3.97E-06	3.03E-03	3.79E-03
1707	495361.06	3858901.99	0.05249	0.0449	0.0542	7.81E-04	3.17E-06	1.41E-03	0.002195	7.98E-04	3.12E-06	1.57E-03	0.00237	7.58E-04	3.96E-06	3.01E-03	3.77E-03
1708	495411.06	3858901.99	0.05247	0.04493	0.0542	7.81E-04	3.17E-06	1.41E-03	0.002194	7.98E-04	3.12E-06	1.57E-03	0.00237	7.58E-04	3.96E-06	3.01E-03	3.77E-03
1709	495461.06	3858901.99	0.0521	0.04465	0.05382	7.75E-04	3.15E-06	1.40E-03	0.002179	7.92E-04	3.10E-06	1.56E-03	0.002353	7.53E-04	3.94E-06	2.99E-03	3.75E-03
1710	495511.06	3858901.99	0.05154	0.04419	0.05323	7.67E-04	3.12E-06	1.38E-03	0.002155	7.84E-04	3.07E-06	1.54E-03	0.002327	7.45E-04	3.90E-06	2.96E-03	3.71E-03
1711	495561.06	3858901.99	0.05108	0.04382	0.05276	7.60E-04	3.09E-06	1.37E-03	0.002136	7.77E-04	3.05E-06	1.53E-03	0.002307	7.38E-04	3.87E-06	2.93E-03	3.67E-03
1712	495611.06	3858901.99	0.05046	0.04331	0.05211	7.51E-04	3.06E-06	1.36E-03	0.00211	7.67E-04	3.01E-06	1.51E-03	0.002278	7.29E-04	3.82E-06	2.90E-03	3.63E-03
1713	495661.06	3858901.99	0.05035	0.04325	0.05201	7.49E-04	3.05E-06	1.35E-03	0.002106	7.66E-04	3.01E-06	1.51E-03	0.002274	7.28E-04	3.82E-06	2.89E-03	3.62E-03
1714	494311.06	3858951.99	0.06825	0.0577	0.07103	1.02E-03	4.07E-06	1.85E-03	0.002868	1.04E-03	4.01E-06	2.06E-03	0.003097	9.86E-04	5.09E-06	3.95E-03	4.94E-03
1715	494361.06	3858951.99	0.06876	0.05821	0.07162	1.02E-03	4.11E-06	1.86E-03	0.002891	1.05E-03	4.05E-06	2.07E-03	0.003122	9.94E-04	5.14E-06	3.98E-03	4.98E-03
1716	494411.06	3858951.99	0.06813	0.0577	0.07095	1.01E-03	4.07E-06	1.85E-03	0.002864	1.04E-03	4.01E-06	2.05E-03	0.003093	9.84E-04	5.09E-06	3.94E-03	4.93E-03
1717	494461.06	3858951.99	0.06838	0.05792	0.07118	1.02E-03	4.09E-06	1.85E-03	0.002874	1.04E-03	4.03E-06	2.06E-03	0.003104	9.88E-04	5.11E-06	3.96E-03	4.95E-03
1718	494511.06	3858951.99	0.06789	0.05755	0.07067	1.01E-03	4.06E-06	1.84E-03	0.002853	1.03E-03	4.00E-06	2.05E-03	0.003082	9.81E-04	5.08E-06	3.93E-03	4.91E-03
1719	494561.06	3858951.99	0.06704	0.05685	0.06977	9.98E-04	4.01E-06	1.82E-03	0.002817	1.02E-03	3.95E-06	2.02E-03	0.003043	9.69E-04	5.02E-06	3.88E-03	4.85E-03
1720	494611.06	3858951.99	0.06579	0.0558	0.06841	9.79E-04	3.94E-06	1.78E-03	0.002763	1.00E-03	3.88E-06	1.98E-03	0.002984	9.51E-04	4.92E-06	3.80E-03	4.76E-03
1721	494661.06	3858951.99	0.06463	0.05484	0.06717	9.62E-04	3.87E-06	1.75E-03	0.002713	9.83E-04	3.81E-06	1.94E-03	0.00293	9.34E-04	4.84E-06	3.73E-03	4.67E-03
1722	494711.06	3858951.99	0.063	0.05345	0.06541	9.38E-04	3.77E-06	1.70E-03	0.002643	9.58E-04	3.71E-06	1.89E-03	0.002855	9.10E-04	4.72E-06	3.63E-03	4.55E-03
1723	494761.06	3858951.99	0.06181	0.05246	0.06412	9.20E-04	3.70E-06	1.67E-03	0.002592	9.40E-04	3.65E-06	1.86E-03	0.002799	8.93E-04	4.63E-06	3.56E-03	4.46E-03
1724	494811.06	3858951.99	0.06098	0.05179	0.06324	9.08E-04	3.66E-06	1.65E-03	0.002557	9.27E-04	3.60E-06	1.83E-03	0.002761	8.81E-04	4.57E-06	3.51E-03	4.40E-03
1725	494861.06	3858951.99	0.06015	0.05112	0.06235	8.95E-04	3.61E-06	1.62E-03	0.002521	9.15E-04	3.55E-06	1.80E-03	0.002723	8.69E-04	4.51E-06	3.46E-03	4.34E-03
1726	494911.06	3858951.99	0.05895	0.05012	0.06107	8.77E-04	3.54E-06	1.59E-03	0.00247	8.97E-04	3.48E-06	1.77E-03	0.002667	8.52E-04	4.42E-06	3.39E-03	4.25E-03
1727	494961.06	3858951.99	0.05833	0.04963	0.06041	8.68E-04	3.50E-06	1.57E-03	0.002443	8.87E-04	3.45E-06	1.75E-03	0.002639	8.43E-04	4.38E-06	3.36E-03	4.20E-03
1728	495011.06	3858951.99	0.05651	0.04807	0.05845	8.41E-04	3.39E-06	1.52E-03	0.002365	8.59E-04	3.34E-06	1.69E-03	0.002554	8.17E-04	4.24E-06	3.25E-03	4.07E-03
1729	495061.06	3858951.99	0.05482	0.04662	0.05663	8.16E-04	3.29E-06	1.47E-03	0.002293	8.34E-04	3.24E-06	1.64E-03	0.002476	7.92E-04	4.11E-06	3.15E-03	3.94E-03
1730	495111.06	3858951.99	0.05354	0.04554	0.05526	7.97E-04	3.22E-06	1.44E-03	0.002238	8.14E-04	3.17E-06	1.60E-03	0.002417	7.74E-04	4.02E-06	3.07E-03	3.85E-03
1731	495161.06	3858951.99	0.05403	0.04605	0.05581	8.04E-04	3.25E-06	1.45E-03	0.002259	8.22E-04	3.20E-06	1.61E-03	0.00244	7.81E-04	4.06E-06	3.10E-03	3.89E-03
1732	495211.06	3858951.99	0.05392	0.04601	0.05571	8.03E-04	3.25E-06	1.45E-03	0.002255	8.20E-04	3.20E-06	1.61E-03	0.002435	7.79E-04	4.06E-06	3.10E-03	3.88E-03
1733	495261.06	3858951.99	0.05379	0.04596	0.05559	8.01E-04	3.25E-06	1.45E-03	0.00225	8.18E-04	3.19E-06	1.61E-03	0.00243	7.77E-04	4.06E-06	3.09E-03	3.87E-03
1734	495311.06	3858951.99	0.05314	0.04544	0.05491	7.91E-04	3.21E-06	1.43E-03	0.002223	8.08E-04	3.16E-06	1.59E-03	0.0024	7.68E-04	4.01E-06	3.05E-03	3.82E-03
1735	495361.06	3858951.99	0.05308	0.04544	0.05486	7.90E-04	3.21E-06	1.43E-03	0.002221	8.07E-04	3.16E-06	1.59E-03	0.002398	7.67E-04	4.01E-06	3.05E-03	3.82E-03

1736	495411.06	3858951.99	0.05311	0.04553	0.05491	7.91E-04	3.21E-06	1.43E-03	0.002222	8.08E-04	3.16E-06	1.59E-03	0.0024	7.67E-04	4.02E-06	3.05E-03	3.82E-03
1737	495461.06	3858951.99	0.05282	0.04532	0.05462	7.86E-04	3.20E-06	1.42E-03	0.00221	8.03E-04	3.15E-06	1.58E-03	0.002387	7.63E-04	4.00E-06	3.04E-03	3.80E-03
1738	495511.06	3858951.99	0.05272	0.04528	0.05452	7.85E-04	3.20E-06	1.42E-03	0.002206	8.02E-04	3.15E-06	1.58E-03	0.002383	7.62E-04	4.00E-06	3.03E-03	3.80E-03
1739	495561.06	3858951.99	0.0518	0.0445	0.05355	7.71E-04	3.14E-06	1.39E-03	0.002167	7.88E-04	3.09E-06	1.55E-03	0.002341	7.49E-04	3.93E-06	2.98E-03	3.73E-03
1740	495611.06	3858951.99	0.05125	0.04405	0.05297	7.63E-04	3.11E-06	1.38E-03	0.002144	7.79E-04	3.06E-06	1.53E-03	0.002315	7.41E-04	3.89E-06	2.94E-03	3.69E-03
1741	495661.06	3858951.99	0.05117	0.04403	0.0529	7.62E-04	3.11E-06	1.38E-03	0.002141	7.78E-04	3.06E-06	1.53E-03	0.002312	7.39E-04	3.88E-06	2.94E-03	3.68E-03
1742	494311.06	3859001.99	0.06989	0.05925	0.07288	1.04E-03	4.18E-06	1.90E-03	0.002941	1.06E-03	4.12E-06	2.11E-03	0.003176	1.01E-03	5.23E-06	4.05E-03	5.06E-03
1743	494361.06	3859001.99	0.0697	0.05913	0.07269	1.04E-03	4.18E-06	1.89E-03	0.002933	1.06E-03	4.11E-06	2.10E-03	0.003168	1.01E-03	5.22E-06	4.04E-03	5.05E-03
1744	494411.06	3859001.99	0.0696	0.05902	0.07253	1.04E-03	4.17E-06	1.89E-03	0.002927	1.06E-03	4.10E-06	2.10E-03	0.003161	1.01E-03	5.21E-06	4.03E-03	5.04E-03
1745	494461.06	3859001.99	0.06916	0.05867	0.07207	1.03E-03	4.14E-06	1.87E-03	0.002909	1.05E-03	4.08E-06	2.09E-03	0.003141	9.99E-04	5.18E-06	4.00E-03	5.01E-03
1746	494511.06	3859001.99	0.0687	0.05832	0.07159	1.02E-03	4.12E-06	1.86E-03	0.002889	1.04E-03	4.05E-06	2.07E-03	0.003121	9.93E-04	5.15E-06	3.98E-03	4.98E-03
1747	494561.06	3859001.99	0.06749	0.0573	0.07029	1.00E-03	4.05E-06	1.83E-03	0.002837	1.03E-03	3.98E-06	2.03E-03	0.003064	9.75E-04	5.06E-06	3.91E-03	4.89E-03
1748	494611.06	3859001.99	0.06638	0.05637	0.0691	9.88E-04	3.98E-06	1.80E-03	0.00279	1.01E-03	3.92E-06	2.00E-03	0.003013	9.59E-04	4.97E-06	3.84E-03	4.80E-03
1749	494661.06	3859001.99	0.06502	0.05521	0.06763	9.68E-04	3.90E-06	1.76E-03	0.002731	9.89E-04	3.84E-06	1.96E-03	0.00295	9.40E-04	4.87E-06	3.76E-03	4.70E-03
1750	494711.06	3859001.99	0.06343	0.05385	0.06591	9.44E-04	3.80E-06	1.71E-03	0.002663	9.65E-04	3.74E-06	1.91E-03	0.002876	9.17E-04	4.75E-06	3.66E-03	4.58E-03
1751	494761.06	3859001.99	0.06246	0.05306	0.06488	9.30E-04	3.75E-06	1.69E-03	0.002621	9.50E-04	3.69E-06	1.88E-03	0.002831	9.03E-04	4.68E-06	3.61E-03	4.51E-03
1752	494811.06	3859001.99	0.06188	0.0526	0.06426	9.21E-04	3.71E-06	1.67E-03	0.002597	9.41E-04	3.66E-06	1.86E-03	0.002804	8.94E-04	4.64E-06	3.57E-03	4.47E-03
1753	494861.06	3859001.99	0.06083	0.05173	0.06314	9.05E-04	3.65E-06	1.64E-03	0.002552	9.25E-04	3.60E-06	1.83E-03	0.002756	8.79E-04	4.56E-06	3.51E-03	4.39E-03
1754	494911.06	3859001.99	0.05973	0.0508	0.06195	8.89E-04	3.59E-06	1.61E-03	0.002504	9.08E-04	3.53E-06	1.79E-03	0.002705	8.63E-04	4.48E-06	3.44E-03	4.31E-03
1755	494961.06	3859001.99	0.05861	0.04987	0.06074	8.72E-04	3.52E-06	1.58E-03	0.002456	8.91E-04	3.47E-06	1.76E-03	0.002653	8.47E-04	4.40E-06	3.38E-03	4.23E-03
1756	495011.06	3859001.99	0.05571	0.04734	0.0576	8.29E-04	3.34E-06	1.50E-03	0.002331	8.47E-04	3.29E-06	1.67E-03	0.002517	8.05E-04	4.18E-06	3.20E-03	4.01E-03
1757	495061.06	3859001.99	0.05512	0.04688	0.05699	8.20E-04	3.31E-06	1.48E-03	0.002306	8.38E-04	3.26E-06	1.65E-03	0.002491	7.96E-04	4.14E-06	3.17E-03	3.97E-03
1758	495111.06	3859001.99	0.05391	0.04587	0.05569	8.02E-04	3.24E-06	1.45E-03	0.002255	8.20E-04	3.19E-06	1.61E-03	0.002435	7.79E-04	4.05E-06	3.09E-03	3.88E-03
1759	495161.06	3859001.99	0.05477	0.0467	0.05665	8.15E-04	3.30E-06	1.47E-03	0.002292	8.33E-04	3.25E-06	1.64E-03	0.002476	7.91E-04	4.12E-06	3.15E-03	3.94E-03
1760	495211.06	3859001.99	0.05448	0.04651	0.05635	8.11E-04	3.28E-06	1.47E-03	0.00228	8.29E-04	3.23E-06	1.63E-03	0.002462	7.87E-04	4.10E-06	3.13E-03	3.92E-03
1761	495261.06	3859001.99	0.05442	0.04652	0.0563	8.10E-04	3.28E-06	1.46E-03	0.002278	8.28E-04	3.23E-06	1.63E-03	0.00246	7.86E-04	4.10E-06	3.13E-03	3.92E-03
1762	495311.06	3859001.99	0.05408	0.04627	0.05594	8.05E-04	3.27E-06	1.46E-03	0.002264	8.22E-04	3.22E-06	1.62E-03	0.002444	7.81E-04	4.08E-06	3.11E-03	3.89E-03
1763	495361.06	3859001.99	0.05399	0.04625	0.05587	8.04E-04	3.27E-06	1.45E-03	0.00226	8.21E-04	3.21E-06	1.62E-03	0.002441	7.80E-04	4.08E-06	3.10E-03	3.89E-03
1764	495411.06	3859001.99	0.05377	0.04611	0.05565	8.00E-04	3.26E-06	1.45E-03	0.002251	8.18E-04	3.20E-06	1.61E-03	0.002431	7.77E-04	4.07E-06	3.09E-03	3.87E-03
1765	495461.06	3859001.99	0.05362	0.04603	0.0555	7.98E-04	3.25E-06	1.44E-03	0.002245	8.15E-04	3.20E-06	1.61E-03	0.002425	7.75E-04	4.06E-06	3.08E-03	3.86E-03
1766	495511.06	3859001.99	0.05289	0.04544	0.05474	7.87E-04	3.21E-06	1.42E-03	0.002215	8.04E-04	3.16E-06	1.58E-03	0.002392	7.64E-04	4.01E-06	3.04E-03	3.81E-03
1767	495561.06	3859001.99	0.05247	0.04512	0.05429	7.81E-04	3.19E-06	1.41E-03	0.002197	7.98E-04	3.14E-06	1.57E-03	0.002372	7.58E-04	3.98E-06	3.02E-03	3.78E-03
1768	495611.06	3859001.99	0.052	0.04474	0.0538	7.74E-04	3.16E-06	1.40E-03	0.002177	7.91E-04	3.11E-06	1.56E-03	0.002351	7.51E-04	3.95E-06	2.99E-03	3.74E-03
1769	495661.06	3859001.99	0.05224	0.04501	0.05408	7.78E-04	3.18E-06	1.41E-03	0.002188	7.95E-04	3.13E-06	1.56E-03	0.002363	7.55E-04	3.97E-06	3.01E-03	3.76E-03
1770	494311.06	3859051.99	0.07103	0.06033	0.07416	1.06E-03	4.26E-06	1.93E-03	0.002991	1.08E-03	4.19E-06	2.15E-03	0.00323	1.03E-03	5.32E-06	4.12E-03	5.15E-03
1771	494361.06	3859051.99	0.0711	0.06037	0.07417	1.06E-03	4.26E-06	1.93E-03	0.002992	1.08E-03	4.20E-06	2.15E-03	0.003232	1.03E-03	5.33E-06	4.12E-03	5.15E-03
1772	494411.06	3859051.99	0.07046	0.05985	0.0735	1.05E-03	4.23E-06	1.91E-03	0.002965	1.07E-03	4.16E-06	2.13E-03	0.003203	1.02E-03	5.28E-06	4.08E-03	5.11E-03
1773	494461.06	3859051.99	0.06969	0.05922	0.07269	1.04E-03	4.18E-06	1.89E-03	0.002933	1.06E-03	4.12E-06	2.10E-03	0.003167	1.01E-03	5.23E-06	4.04E-03	5.05E-03
1774	494511.06	3859051.99	0.0687	0.05839	0.07163	1.02E-03	4.12E-06	1.86E-03	0.00289	1.04E-03	4.06E-06	2.07E-03	0.003122	9.93E-04	5.15E-06	3.98E-03	4.98E-03
1775	494561.06	3859051.99	0.06787	0.0577	0.07074	1.01E-03	4.07E-06	1.84E-03	0.002855	1.03E-03	4.01E-06	2.05E-03	0.003083	9.81E-04	5.09E-06	3.93E-03	4.92E-03
1776	494611.06	3859051.99	0.06673	0.05674	0.06952	9.93E-04	4.01E-06	1.81E-03	0.002806	1.01E-03	3.94E-06	2.01E-03	0.003031	9.64E-04	5.01E-06	3.86E-03	4.83E-03
1777	494661.06	3859051.99	0.0655	0.0557	0.0682	9.75E-04	3.93E-06	1.77E-03	0.002753	9.96E-04	3.87E-06	1.97E-03	0.002974	9.46E-04	4.91E-06	3.79E-03	4.74E-03
1778	494711.06	3859051.99	0.06436	0.05473	0.06697	9.58E-04	3.86E-06	1.74E-03	0.002704	9.79E-04	3.80E-06	1.94E-03	0.002921	9.30E-04	4.83E-06	3.72E-03	4.66E-03
1779	494761.06	3859051.99	0.06318	0.05373	0.0657	9.40E-04	3.79E-06	1.71E-03	0.002653	9.61E-04	3.73E-06	1.90E-03	0.002866	9.13E-04	4.74E-06	3.65E-03	4.57E-03
1780	494811.06	3859051.99	0.06234	0.05304	0.0648	9.28E-04	3.75E-06	1.69E-03	0.002617	9.48E-04	3.69E-06	1.88E-03	0.002827	9.01E-04	4.68E-06	3.60E-03	4.51E-03
1781	494861.06	3859051.99	0.06148	0.05233	0.06388	9.15E-04	3.69E-06	1.66E-03	0.002581	9.35E-04	3.64E-06	1.85E-03	0.002787	8.88E-04	4.62E-06	3.55E-03	4.44E-03
1782	494911.06	3859051.99	0.06016	0.05121	0.06246	8.95E-04	3.62E-06	1.62E-03	0.002524	9.15E-04	3.56E-06	1.81E-03	0.002726	8.69E-04	4.52E-06	3.47E-03	4.34E-03

1783	494961.06	3859051.99	0.05821	0.04953	0.06035	8.66E-04	3.50E-06	1.57E-03	0.00244	8.85E-04	3.44E-06	1.75E-03	0.002635	8.41E-04	4.37E-06	3.35E-03	4.20E-03
1784	495011.06	3859051.99	0.05678	0.04831	0.05881	8.45E-04	3.41E-06	1.53E-03	0.002379	8.64E-04	3.36E-06	1.70E-03	0.002569	8.20E-04	4.26E-06	3.27E-03	4.09E-03
1785	495061.06	3859051.99	0.05582	0.04751	0.05778	8.31E-04	3.35E-06	1.50E-03	0.002337	8.49E-04	3.30E-06	1.67E-03	0.002524	8.07E-04	4.19E-06	3.21E-03	4.02E-03
1786	495111.06	3859051.99	0.0553	0.04711	0.05723	8.23E-04	3.33E-06	1.49E-03	0.002315	8.41E-04	3.27E-06	1.66E-03	0.0025	7.99E-04	4.16E-06	3.18E-03	3.98E-03
1787	495161.06	3859051.99	0.0557	0.04752	0.05768	8.29E-04	3.36E-06	1.50E-03	0.002333	8.47E-04	3.30E-06	1.67E-03	0.00252	8.05E-04	4.19E-06	3.21E-03	4.01E-03
1788	495211.06	3859051.99	0.05508	0.04703	0.05702	8.20E-04	3.32E-06	1.48E-03	0.002307	8.38E-04	3.27E-06	1.65E-03	0.002491	7.96E-04	4.15E-06	3.17E-03	3.97E-03
1789	495261.06	3859051.99	0.05522	0.04722	0.0572	8.22E-04	3.33E-06	1.49E-03	0.002313	8.40E-04	3.28E-06	1.66E-03	0.002498	7.98E-04	4.17E-06	3.18E-03	3.98E-03
1790	495311.06	3859051.99	0.0548	0.0469	0.05676	8.16E-04	3.31E-06	1.48E-03	0.002296	8.33E-04	3.26E-06	1.64E-03	0.002479	7.92E-04	4.14E-06	3.15E-03	3.95E-03
1791	495361.06	3859051.99	0.05461	0.0468	0.05657	8.13E-04	3.30E-06	1.47E-03	0.002288	8.31E-04	3.25E-06	1.64E-03	0.002471	7.89E-04	4.13E-06	3.14E-03	3.94E-03
1792	495411.06	3859051.99	0.05458	0.04683	0.05656	8.12E-04	3.31E-06	1.47E-03	0.002287	8.30E-04	3.25E-06	1.64E-03	0.00247	7.89E-04	4.13E-06	3.14E-03	3.94E-03
1793	495461.06	3859051.99	0.05453	0.04684	0.05652	8.12E-04	3.31E-06	1.47E-03	0.002285	8.29E-04	3.26E-06	1.64E-03	0.002468	7.88E-04	4.13E-06	3.14E-03	3.93E-03
1794	495511.06	3859051.99	0.05378	0.04623	0.05572	8.01E-04	3.26E-06	1.45E-03	0.002253	8.18E-04	3.21E-06	1.61E-03	0.002434	7.77E-04	4.08E-06	3.10E-03	3.88E-03
1795	495561.06	3859051.99	0.05321	0.04577	0.05511	7.92E-04	3.23E-06	1.43E-03	0.002229	8.09E-04	3.18E-06	1.59E-03	0.002407	7.69E-04	4.04E-06	3.06E-03	3.84E-03
1796	495611.06	3859051.99	0.05271	0.04538	0.05459	7.85E-04	3.20E-06	1.42E-03	0.002208	8.02E-04	3.15E-06	1.58E-03	0.002384	7.62E-04	4.00E-06	3.03E-03	3.80E-03
1797	495661.06	3859051.99	0.05289	0.0456	0.0548	7.87E-04	3.22E-06	1.43E-03	0.002216	8.04E-04	3.17E-06	1.59E-03	0.002393	7.64E-04	4.02E-06	3.05E-03	3.81E-03
1798	494311.06	3859101.99	0.07227	0.06137	0.07545	1.08E-03	4.33E-06	1.96E-03	0.003043	1.10E-03	4.27E-06	2.18E-03	0.003287	1.04E-03	5.41E-06	4.19E-03	5.24E-03
1799	494361.06	3859101.99	0.0717	0.06094	0.07486	1.07E-03	4.30E-06	1.95E-03	0.003019	1.09E-03	4.24E-06	2.17E-03	0.003261	1.04E-03	5.38E-06	4.16E-03	5.20E-03
1800	494411.06	3859101.99	0.07126	0.0606	0.07439	1.06E-03	4.28E-06	1.94E-03	0.003	1.08E-03	4.21E-06	2.15E-03	0.003241	1.03E-03	5.35E-06	4.13E-03	5.17E-03
1801	494461.06	3859101.99	0.07046	0.05995	0.07355	1.05E-03	4.23E-06	1.91E-03	0.002966	1.07E-03	4.17E-06	2.13E-03	0.003204	1.02E-03	5.29E-06	4.09E-03	5.11E-03
1802	494511.06	3859101.99	0.06929	0.05897	0.0723	1.03E-03	4.16E-06	1.88E-03	0.002916	1.05E-03	4.10E-06	2.09E-03	0.00315	1.00E-03	5.20E-06	4.02E-03	5.02E-03
1803	494561.06	3859101.99	0.06837	0.05821	0.07132	1.02E-03	4.11E-06	1.86E-03	0.002877	1.04E-03	4.05E-06	2.06E-03	0.003108	9.88E-04	5.14E-06	3.96E-03	4.96E-03
1804	494611.06	3859101.99	0.06694	0.057	0.06979	9.96E-04	4.02E-06	1.82E-03	0.002816	1.02E-03	3.96E-06	2.02E-03	0.003042	9.67E-04	5.03E-06	3.88E-03	4.85E-03
1805	494661.06	3859101.99	0.06605	0.05625	0.06884	9.83E-04	3.97E-06	1.79E-03	0.002778	1.00E-03	3.91E-06	1.99E-03	0.003	9.54E-04	4.96E-06	3.83E-03	4.78E-03
1806	494711.06	3859101.99	0.06446	0.05488	0.06712	9.59E-04	3.87E-06	1.75E-03	0.00271	9.80E-04	3.81E-06	1.94E-03	0.002926	9.31E-04	4.84E-06	3.73E-03	4.67E-03
1807	494761.06	3859101.99	0.06404	0.05456	0.06668	9.53E-04	3.85E-06	1.73E-03	0.002692	9.74E-04	3.79E-06	1.93E-03	0.002907	9.25E-04	4.81E-06	3.71E-03	4.64E-03
1808	494811.06	3859101.99	0.06299	0.05367	0.06556	9.38E-04	3.79E-06	1.71E-03	0.002647	9.58E-04	3.73E-06	1.90E-03	0.002859	9.10E-04	4.74E-06	3.64E-03	4.56E-03
1809	494861.06	3859101.99	0.06207	0.0529	0.06457	9.24E-04	3.74E-06	1.68E-03	0.002607	9.44E-04	3.68E-06	1.87E-03	0.002816	8.97E-04	4.67E-06	3.59E-03	4.49E-03
1810	494911.06	3859101.99	0.06071	0.05174	0.06311	9.04E-04	3.65E-06	1.64E-03	0.002549	9.23E-04	3.60E-06	1.83E-03	0.002753	8.77E-04	4.57E-06	3.51E-03	4.39E-03
1811	494961.06	3859101.99	0.05866	0.04996	0.06088	8.73E-04	3.53E-06	1.58E-03	0.002461	8.92E-04	3.47E-06	1.76E-03	0.002657	8.48E-04	4.41E-06	3.38E-03	4.23E-03
1812	495011.06	3859101.99	0.05654	0.04811	0.05858	8.42E-04	3.40E-06	1.52E-03	0.002369	8.60E-04	3.34E-06	1.70E-03	0.002558	8.17E-04	4.24E-06	3.26E-03	4.08E-03
1813	495061.06	3859101.99	0.05654	0.04817	0.0586	8.42E-04	3.40E-06	1.52E-03	0.00237	8.60E-04	3.35E-06	1.70E-03	0.002559	8.17E-04	4.25E-06	3.26E-03	4.08E-03
1814	495111.06	3859101.99	0.05595	0.0477	0.05798	8.33E-04	3.37E-06	1.51E-03	0.002345	8.51E-04	3.32E-06	1.68E-03	0.002532	8.08E-04	4.21E-06	3.22E-03	4.03E-03
1815	495161.06	3859101.99	0.05633	0.04809	0.05841	8.38E-04	3.40E-06	1.52E-03	0.002361	8.57E-04	3.34E-06	1.69E-03	0.00255	8.14E-04	4.24E-06	3.25E-03	4.06E-03
1816	495211.06	3859101.99	0.05579	0.04767	0.05799	8.30E-04	3.37E-06	1.51E-03	0.002342	8.48E-04	3.31E-06	1.68E-03	0.00253	8.06E-04	4.21E-06	3.22E-03	4.03E-03
1817	495261.06	3859101.99	0.05579	0.04773	0.05786	8.30E-04	3.37E-06	1.51E-03	0.002339	8.48E-04	3.32E-06	1.67E-03	0.002526	8.06E-04	4.21E-06	3.22E-03	4.03E-03
1818	495311.06	3859101.99	0.05556	0.04761	0.05765	8.27E-04	3.36E-06	1.50E-03	0.00233	8.45E-04	3.31E-06	1.67E-03	0.002517	8.03E-04	4.20E-06	3.20E-03	4.01E-03
1819	495361.06	3859101.99	0.0556	0.04768	0.05769	8.28E-04	3.37E-06	1.50E-03	0.002332	8.46E-04	3.31E-06	1.67E-03	0.002518	8.03E-04	4.21E-06	3.21E-03	4.01E-03
1820	495411.06	3859101.99	0.05545	0.04761	0.05754	8.25E-04	3.36E-06	1.50E-03	0.002326	8.43E-04	3.31E-06	1.67E-03	0.002512	8.01E-04	4.20E-06	3.20E-03	4.00E-03
1821	495461.06	3859101.99	0.05491	0.04722	0.05702	8.17E-04	3.33E-06	1.48E-03	0.002304	8.35E-04	3.28E-06	1.65E-03	0.002488	7.93E-04	4.17E-06	3.17E-03	3.97E-03
1822	495511.06	3859101.99	0.05463	0.04703	0.05673	8.13E-04	3.32E-06	1.48E-03	0.002292	8.31E-04	3.27E-06	1.64E-03	0.002476	7.89E-04	4.15E-06	3.15E-03	3.95E-03
1823	495561.06	3859101.99	0.05416	0.04662	0.05618	8.06E-04	3.29E-06	1.46E-03	0.002271	8.24E-04	3.24E-06	1.63E-03	0.002453	7.83E-04	4.11E-06	3.12E-03	3.91E-03
1824	495611.06	3859101.99	0.05356	0.04614	0.05555	7.97E-04	3.26E-06	1.45E-03	0.002246	8.15E-04	3.21E-06	1.61E-03	0.002425	7.74E-04	4.07E-06	3.09E-03	3.86E-03
1825	495661.06	3859101.99	0.0535	0.04614	0.0555	7.96E-04	3.26E-06	1.44E-03	0.002243	8.14E-04	3.21E-06	1.61E-03	0.002423	7.73E-04	4.07E-06	3.08E-03	3.86E-03
1826	494311.06	3859151.99	0.07293	0.06188	0.07616	1.09E-03	4.37E-06	1.98E-03	0.003071	1.11E-03	4.30E-06	2.20E-03	0.003317	1.05E-03	5.46E-06	4.23E-03	5.29E-03
1827	494361.06	3859151.99	0.07257	0.06164	0.07579	1.08E-03	4.35E-06	1.97E-03	0.003056	1.10E-03	4.28E-06	2.19E-03	0.003301	1.05E-03	5.44E-06	4.21E-03	5.27E-03
1828	494411.06	3859151.99	0.07165	0.06092	0.07482	1.07E-03	4.30E-06	1.95E-03	0.003017	1.09E-03	4.23E-06	2.17E-03	0.003259	1.04E-03	5.38E-06	4.16E-03	5.20E-03
1829	494461.06	3859151.99	0.0707	0.06016	0.07382	1.05E-03	4.25E-06	1.92E-03	0.002977	1.08E-03	4.18E-06	2.14E-03	0.003216	1.02E-03	5.31E-06	4.10E-03	5.13E-03

1830	494511.06	3859151.99	0.06946	0.05915	0.07251	1.03E-03	4.18E-06	1.89E-03	0.002924	1.06E-03	4.11E-06	2.10E-03	0.003159	1.00E-03	5.22E-06	4.03E-03	5.04E-03
1831	494561.06	3859151.99	0.06873	0.05856	0.07174	1.02E-03	4.13E-06	1.87E-03	0.002894	1.05E-03	4.07E-06	2.08E-03	0.003125	9.93E-04	5.17E-06	3.99E-03	4.98E-03
1832	494611.06	3859151.99	0.06749	0.05752	0.07041	1.00E-03	4.06E-06	1.83E-03	0.00284	1.03E-03	4.00E-06	2.04E-03	0.003068	9.75E-04	5.08E-06	3.91E-03	4.89E-03
1833	494661.06	3859151.99	0.06669	0.05687	0.06957	9.93E-04	4.02E-06	1.81E-03	0.002807	1.01E-03	3.95E-06	2.01E-03	0.003031	9.64E-04	5.02E-06	3.87E-03	4.83E-03
1834	494711.06	3859151.99	0.06601	0.05631	0.06885	9.83E-04	3.98E-06	1.79E-03	0.002778	1.00E-03	3.91E-06	1.99E-03	0.003	9.54E-04	4.97E-06	3.83E-03	4.78E-03
1835	494761.06	3859151.99	0.06457	0.05508	0.0673	9.61E-04	3.89E-06	1.75E-03	0.002716	9.82E-04	3.83E-06	1.95E-03	0.002933	9.33E-04	4.86E-06	3.74E-03	4.68E-03
1836	494811.06	3859151.99	0.06336	0.05406	0.066	9.43E-04	3.82E-06	1.72E-03	0.002664	9.64E-04	3.76E-06	1.91E-03	0.002877	9.16E-04	4.77E-06	3.67E-03	4.59E-03
1837	494861.06	3859151.99	0.06259	0.05342	0.06518	9.32E-04	3.77E-06	1.70E-03	0.002631	9.52E-04	3.71E-06	1.89E-03	0.002842	9.04E-04	4.71E-06	3.62E-03	4.53E-03
1838	494911.06	3859151.99	0.0611	0.05213	0.06357	9.09E-04	3.68E-06	1.65E-03	0.002567	9.29E-04	3.62E-06	1.84E-03	0.002772	8.83E-04	4.60E-06	3.53E-03	4.42E-03
1839	494961.06	3859151.99	0.05907	0.05041	0.06142	8.79E-04	3.56E-06	1.60E-03	0.002481	8.98E-04	3.50E-06	1.78E-03	0.002679	8.54E-04	4.45E-06	3.41E-03	4.27E-03
1840	495011.06	3859151.99	0.0572	0.04874	0.05935	8.51E-04	3.44E-06	1.54E-03	0.002399	8.70E-04	3.39E-06	1.72E-03	0.002591	8.27E-04	4.30E-06	3.30E-03	4.13E-03
1841	495061.06	3859151.99	0.05702	0.04863	0.05917	8.49E-04	3.43E-06	1.54E-03	0.002392	8.67E-04	3.38E-06	1.71E-03	0.002583	8.24E-04	4.29E-06	3.29E-03	4.12E-03
1842	495111.06	3859151.99	0.05667	0.04837	0.05881	8.44E-04	3.42E-06	1.53E-03	0.002377	8.62E-04	3.36E-06	1.70E-03	0.002567	8.19E-04	4.27E-06	3.27E-03	4.09E-03
1843	495161.06	3859151.99	0.05704	0.04876	0.05923	8.49E-04	3.44E-06	1.54E-03	0.002393	8.68E-04	3.39E-06	1.71E-03	0.002585	8.24E-04	4.30E-06	3.29E-03	4.12E-03
1844	495211.06	3859151.99	0.05675	0.04855	0.05893	8.45E-04	3.43E-06	1.53E-03	0.002381	8.63E-04	3.37E-06	1.71E-03	0.002572	8.20E-04	4.28E-06	3.27E-03	4.10E-03
1845	495261.06	3859151.99	0.05649	0.04837	0.05866	8.41E-04	3.42E-06	1.53E-03	0.00237	8.59E-04	3.36E-06	1.70E-03	0.00256	8.16E-04	4.27E-06	3.26E-03	4.08E-03
1846	495311.06	3859151.99	0.0563	0.04826	0.05847	8.38E-04	3.41E-06	1.52E-03	0.002363	8.56E-04	3.35E-06	1.69E-03	0.002552	8.14E-04	4.26E-06	3.25E-03	4.07E-03
1847	495361.06	3859151.99	0.05606	0.0481	0.05823	8.34E-04	3.40E-06	1.51E-03	0.002353	8.53E-04	3.34E-06	1.69E-03	0.002541	8.10E-04	4.24E-06	3.24E-03	4.05E-03
1848	495411.06	3859151.99	0.05634	0.04841	0.05855	8.39E-04	3.42E-06	1.52E-03	0.002365	8.57E-04	3.36E-06	1.69E-03	0.002555	8.14E-04	4.27E-06	3.25E-03	4.07E-03
1849	495461.06	3859151.99	0.05613	0.04828	0.05834	8.35E-04	3.41E-06	1.52E-03	0.002357	8.54E-04	3.36E-06	1.69E-03	0.002545	8.11E-04	4.26E-06	3.24E-03	4.06E-03
1850	495511.06	3859151.99	0.05545	0.04772	0.05761	8.25E-04	3.37E-06	1.50E-03	0.002328	8.43E-04	3.32E-06	1.67E-03	0.002514	8.01E-04	4.21E-06	3.20E-03	4.01E-03
1851	495561.06	3859151.99	0.05497	0.04735	0.0571	8.18E-04	3.34E-06	1.49E-03	0.002307	8.36E-04	3.29E-06	1.65E-03	0.002492	7.94E-04	4.18E-06	3.17E-03	3.97E-03
1852	495611.06	3859151.99	0.05456	0.04704	0.05667	8.12E-04	3.32E-06	1.47E-03	0.00229	8.30E-04	3.27E-06	1.64E-03	0.002473	7.88E-04	4.15E-06	3.15E-03	3.94E-03
1853	495661.06	3859151.99	0.05422	0.04678	0.05632	8.07E-04	3.30E-06	1.47E-03	0.002276	8.25E-04	3.25E-06	1.63E-03	0.002458	7.83E-04	4.13E-06	3.13E-03	3.92E-03
1854	494311.06	3859201.99	0.07342	0.06215	0.07667	1.09E-03	4.39E-06	1.99E-03	0.003092	1.12E-03	4.32E-06	2.22E-03	0.00334	1.06E-03	5.48E-06	4.26E-03	5.33E-03
1855	494361.06	3859201.99	0.07286	0.06176	0.07609	1.08E-03	4.36E-06	1.98E-03	0.003068	1.11E-03	4.29E-06	2.20E-03	0.003314	1.05E-03	5.45E-06	4.23E-03	5.29E-03
1856	494411.06	3859201.99	0.07208	0.06119	0.07528	1.07E-03	4.32E-06	1.96E-03	0.003036	1.10E-03	4.25E-06	2.18E-03	0.003279	1.04E-03	5.40E-06	4.18E-03	5.23E-03
1857	494461.06	3859201.99	0.07094	0.0603	0.07409	1.06E-03	4.26E-06	1.93E-03	0.002988	1.08E-03	4.19E-06	2.14E-03	0.003227	1.03E-03	5.32E-06	4.12E-03	5.15E-03
1858	494511.06	3859201.99	0.07018	0.05971	0.07329	1.04E-03	4.22E-06	1.91E-03	0.002956	1.07E-03	4.15E-06	2.12E-03	0.003192	1.01E-03	5.27E-06	4.07E-03	5.09E-03
1859	494561.06	3859201.99	0.0689	0.05868	0.07194	1.03E-03	4.14E-06	1.87E-03	0.002901	1.05E-03	4.08E-06	2.08E-03	0.003134	9.96E-04	5.18E-06	4.00E-03	5.00E-03
1860	494611.06	3859201.99	0.0679	0.05788	0.07089	1.01E-03	4.09E-06	1.84E-03	0.002859	1.03E-03	4.02E-06	2.05E-03	0.003088	9.81E-04	5.11E-06	3.94E-03	4.93E-03
1861	494661.06	3859201.99	0.06711	0.05724	0.07005	9.99E-04	4.04E-06	1.82E-03	0.002825	1.02E-03	3.98E-06	2.03E-03	0.003052	9.70E-04	5.05E-06	3.89E-03	4.87E-03
1862	494711.06	3859201.99	0.06632	0.0566	0.06921	9.87E-04	4.00E-06	1.80E-03	0.002792	1.01E-03	3.93E-06	2.00E-03	0.003015	9.58E-04	4.99E-06	3.85E-03	4.81E-03
1863	494761.06	3859201.99	0.06499	0.05549	0.06779	9.67E-04	3.92E-06	1.76E-03	0.002735	9.88E-04	3.86E-06	1.96E-03	0.002954	9.39E-04	4.90E-06	3.77E-03	4.71E-03
1864	494811.06	3859201.99	0.06389	0.05456	0.06662	9.51E-04	3.85E-06	1.73E-03	0.002688	9.72E-04	3.79E-06	1.93E-03	0.002903	9.23E-04	4.81E-06	3.70E-03	4.63E-03
1865	494861.06	3859201.99	0.0626	0.0535	0.06527	9.32E-04	3.78E-06	1.70E-03	0.002634	9.52E-04	3.72E-06	1.89E-03	0.002845	9.05E-04	4.72E-06	3.63E-03	4.54E-03
1866	494911.06	3859201.99	0.06098	0.05208	0.06349	9.08E-04	3.68E-06	1.65E-03	0.002563	9.27E-04	3.62E-06	1.84E-03	0.002768	8.81E-04	4.60E-06	3.53E-03	4.41E-03
1867	494961.06	3859201.99	0.05927	0.0506	0.06164	8.82E-04	3.57E-06	1.60E-03	0.002489	9.01E-04	3.52E-06	1.78E-03	0.002689	8.56E-04	4.46E-06	3.43E-03	4.29E-03
1868	495011.06	3859201.99	0.05702	0.04862	0.0592	8.49E-04	3.43E-06	1.54E-03	0.002392	8.67E-04	3.38E-06	1.71E-03	0.002584	8.24E-04	4.29E-06	3.29E-03	4.12E-03
1869	495061.06	3859201.99	0.05782	0.04939	0.06009	8.61E-04	3.49E-06	1.56E-03	0.002427	8.79E-04	3.43E-06	1.74E-03	0.002622	8.36E-04	4.36E-06	3.34E-03	4.18E-03
1870	495111.06	3859201.99	0.05778	0.0494	0.06006	8.60E-04	3.49E-06	1.56E-03	0.002426	8.79E-04	3.43E-06	1.74E-03	0.00262	8.35E-04	4.36E-06	3.34E-03	4.18E-03
1871	495161.06	3859201.99	0.05762	0.04931	0.05991	8.58E-04	3.48E-06	1.56E-03	0.00242	8.76E-04	3.43E-06	1.73E-03	0.002613	8.33E-04	4.35E-06	3.33E-03	4.17E-03
1872	495211.06	3859201.99	0.05714	0.04893	0.0594	8.51E-04	3.45E-06	1.55E-03	0.002399	8.69E-04	3.40E-06	1.72E-03	0.002591	8.26E-04	4.32E-06	3.30E-03	4.13E-03
1873	495261.06	3859201.99	0.05712	0.04897	0.0594	8.50E-04	3.46E-06	1.55E-03	0.002399	8.69E-04	3.40E-06	1.72E-03	0.002591	8.25E-04	4.32E-06	3.30E-03	4.13E-03
1874	495311.06	3859201.99	0.05694	0.04886	0.05922	8.48E-04	3.45E-06	1.54E-03	0.002392	8.66E-04	3.40E-06	1.71E-03	0.002583	8.23E-04	4.31E-06	3.29E-03	4.12E-03
1875	495361.06	3859201.99	0.05684	0.04882	0.05912	8.46E-04	3.45E-06	1.54E-03	0.002388	8.64E-04	3.39E-06	1.71E-03	0.002579	8.21E-04	4.31E-06	3.29E-03	4.11E-03
1876	495411.06	3859201.99	0.05702	0.04903	0.05934	8.49E-04	3.46E-06	1.54E-03	0.002396	8.67E-04	3.41E-06	1.72E-03	0.002588	8.24E-04	4.33E-06	3.30E-03	4.13E-03

1877	495461.06	3859201.99	0.05669	0.04879	0.059	8.44E-04	3.44E-06	1.53E-03	0.002382	8.62E-04	3.39E-06	1.71E-03	0.002573	8.19E-04	4.30E-06	3.28E-03	4.10E-03
1878	495511.06	3859201.99	0.05638	0.04856	0.05866	8.39E-04	3.43E-06	1.53E-03	0.002369	8.57E-04	3.38E-06	1.70E-03	0.002558	8.15E-04	4.28E-06	3.26E-03	4.08E-03
1879	495561.06	3859201.99	0.05564	0.04796	0.05788	8.28E-04	3.39E-06	1.51E-03	0.002337	8.46E-04	3.33E-06	1.67E-03	0.002524	8.04E-04	4.23E-06	3.22E-03	4.02E-03
1880	495611.06	3859201.99	0.05513	0.04755	0.05733	8.21E-04	3.36E-06	1.49E-03	0.002315	8.38E-04	3.30E-06	1.66E-03	0.002501	7.97E-04	4.20E-06	3.19E-03	3.99E-03
1881	495661.06	3859201.99	0.0548	0.04731	0.05699	8.16E-04	3.34E-06	1.48E-03	0.002302	8.33E-04	3.29E-06	1.65E-03	0.002486	7.92E-04	4.17E-06	3.17E-03	3.96E-03
1882	494311.06	3859251.99	0.07381	0.06223	0.07705	1.10E-03	4.39E-06	2.00E-03	0.003108	1.12E-03	4.33E-06	2.23E-03	0.003357	1.07E-03	5.49E-06	4.28E-03	5.35E-03
1883	494361.06	3859251.99	0.073	0.06167	0.07621	1.09E-03	4.35E-06	1.98E-03	0.003074	1.11E-03	4.29E-06	2.21E-03	0.00332	1.05E-03	5.44E-06	4.23E-03	5.30E-03
1884	494411.06	3859251.99	0.07187	0.06084	0.07505	1.07E-03	4.30E-06	1.95E-03	0.003027	1.09E-03	4.23E-06	2.17E-03	0.003269	1.04E-03	5.37E-06	4.17E-03	5.21E-03
1885	494461.06	3859251.99	0.07113	0.06031	0.07428	1.06E-03	4.26E-06	1.93E-03	0.002995	1.08E-03	4.19E-06	2.15E-03	0.003235	1.03E-03	5.32E-06	4.13E-03	5.16E-03
1886	494511.06	3859251.99	0.06989	0.05935	0.07298	1.04E-03	4.19E-06	1.90E-03	0.002943	1.06E-03	4.12E-06	2.11E-03	0.003179	1.01E-03	5.24E-06	4.06E-03	5.07E-03
1887	494561.06	3859251.99	0.06908	0.05874	0.07213	1.03E-03	4.15E-06	1.88E-03	0.002909	1.05E-03	4.08E-06	2.09E-03	0.003142	9.98E-04	5.18E-06	4.01E-03	5.01E-03
1888	494611.06	3859251.99	0.06801	0.0579	0.07101	1.01E-03	4.09E-06	1.85E-03	0.002864	1.03E-03	4.02E-06	2.05E-03	0.003093	9.83E-04	5.11E-06	3.95E-03	4.93E-03
1889	494661.06	3859251.99	0.06744	0.05747	0.07041	1.00E-03	4.06E-06	1.83E-03	0.00284	1.03E-03	3.99E-06	2.04E-03	0.003067	9.75E-04	5.07E-06	3.91E-03	4.89E-03
1890	494711.06	3859251.99	0.06664	0.05685	0.06958	9.92E-04	4.01E-06	1.81E-03	0.002806	1.01E-03	3.95E-06	2.01E-03	0.003031	9.63E-04	5.02E-06	3.87E-03	4.83E-03
1891	494761.06	3859251.99	0.06459	0.05516	0.06744	9.61E-04	3.89E-06	1.75E-03	0.00272	9.82E-04	3.83E-06	1.95E-03	0.002938	9.33E-04	4.87E-06	3.75E-03	4.69E-03
1892	494811.06	3859251.99	0.0643	0.05493	0.0671	9.57E-04	3.88E-06	1.75E-03	0.002707	9.78E-04	3.82E-06	1.94E-03	0.002923	9.29E-04	4.85E-06	3.73E-03	4.66E-03
1893	494861.06	3859251.99	0.06242	0.05337	0.06513	9.29E-04	3.77E-06	1.69E-03	0.002627	9.49E-04	3.71E-06	1.88E-03	0.002838	9.02E-04	4.71E-06	3.62E-03	4.53E-03
1894	494911.06	3859251.99	0.06084	0.05197	0.06337	9.06E-04	3.67E-06	1.65E-03	0.002558	9.25E-04	3.61E-06	1.83E-03	0.002763	8.79E-04	4.59E-06	3.52E-03	4.40E-03
1895	494961.06	3859251.99	0.06	0.05128	0.06248	8.93E-04	3.62E-06	1.63E-03	0.002522	9.13E-04	3.56E-06	1.81E-03	0.002724	8.67E-04	4.52E-06	3.47E-03	4.34E-03
1896	495011.06	3859251.99	0.05899	0.05042	0.0614	8.78E-04	3.56E-06	1.60E-03	0.002479	8.97E-04	3.50E-06	1.78E-03	0.002677	8.52E-04	4.45E-06	3.41E-03	4.27E-03
1897	495061.06	3859251.99	0.05904	0.05051	0.06146	8.79E-04	3.57E-06	1.60E-03	0.002481	8.98E-04	3.51E-06	1.78E-03	0.00268	8.53E-04	4.46E-06	3.42E-03	4.27E-03
1898	495111.06	3859251.99	0.05864	0.0502	0.06104	8.73E-04	3.54E-06	1.59E-03	0.002464	8.92E-04	3.49E-06	1.77E-03	0.002662	8.47E-04	4.43E-06	3.39E-03	4.24E-03
1899	495161.06	3859251.99	0.05844	0.05008	0.06085	8.70E-04	3.54E-06	1.58E-03	0.002456	8.89E-04	3.48E-06	1.76E-03	0.002653	8.44E-04	4.42E-06	3.38E-03	4.23E-03
1900	495211.06	3859251.99	0.058	0.04973	0.06038	8.63E-04	3.51E-06	1.57E-03	0.002438	8.82E-04	3.46E-06	1.75E-03	0.002633	8.38E-04	4.39E-06	3.36E-03	4.20E-03
1901	495261.06	3859251.99	0.05781	0.04964	0.06024	8.60E-04	3.50E-06	1.57E-03	0.002431	8.79E-04	3.45E-06	1.74E-03	0.002626	8.35E-04	4.38E-06	3.35E-03	4.19E-03
1902	495311.06	3859251.99	0.05783	0.04968	0.06023	8.61E-04	3.51E-06	1.57E-03	0.002431	8.80E-04	3.45E-06	1.74E-03	0.002626	8.36E-04	4.38E-06	3.35E-03	4.19E-03
1903	495361.06	3859251.99	0.05757	0.04949	0.05996	8.57E-04	3.49E-06	1.56E-03	0.00242	8.76E-04	3.44E-06	1.74E-03	0.002614	8.32E-04	4.37E-06	3.33E-03	4.17E-03
1904	495411.06	3859251.99	0.05767	0.04964	0.06009	8.58E-04	3.50E-06	1.56E-03	0.002425	8.77E-04	3.45E-06	1.74E-03	0.002619	8.33E-04	4.38E-06	3.34E-03	4.18E-03
1905	495461.06	3859251.99	0.05738	0.04942	0.05978	8.54E-04	3.49E-06	1.56E-03	0.002413	8.73E-04	3.43E-06	1.73E-03	0.002606	8.29E-04	4.36E-06	3.32E-03	4.16E-03
1906	495511.06	3859251.99	0.05664	0.04882	0.05912	8.43E-04	3.45E-06	1.54E-03	0.002385	8.61E-04	3.39E-06	1.71E-03	0.002576	8.18E-04	4.31E-06	3.29E-03	4.11E-03
1907	495561.06	3859251.99	0.05624	0.04851	0.05857	8.37E-04	3.43E-06	1.52E-03	0.002364	8.55E-04	3.37E-06	1.69E-03	0.002554	8.13E-04	4.28E-06	3.25E-03	4.07E-03
1908	495611.06	3859251.99	0.05561	0.048	0.0579	8.28E-04	3.39E-06	1.51E-03	0.002337	8.46E-04	3.34E-06	1.68E-03	0.002525	8.04E-04	4.24E-06	3.22E-03	4.03E-03
1909	495661.06	3859251.99	0.05521	0.04769	0.05747	8.22E-04	3.37E-06	1.50E-03	0.00232	8.40E-04	3.31E-06	1.66E-03	0.002506	7.98E-04	4.21E-06	3.19E-03	4.00E-03
1910	494311.06	3859301.99	0.07399	0.06206	0.07716	1.10E-03	4.38E-06	2.01E-03	0.003113	1.13E-03	4.31E-06	2.23E-03	0.003362	1.07E-03	5.48E-06	4.29E-03	5.36E-03
1911	494361.06	3859301.99	0.07315	0.0615	0.07631	1.09E-03	4.34E-06	1.99E-03	0.003078	1.11E-03	4.27E-06	2.21E-03	0.003325	1.06E-03	5.43E-06	4.24E-03	5.30E-03
1912	494411.06	3859301.99	0.07207	0.06074	0.0752	1.07E-03	4.29E-06	1.96E-03	0.003033	1.10E-03	4.22E-06	2.18E-03	0.003276	1.04E-03	5.36E-06	4.18E-03	5.23E-03
1913	494461.06	3859301.99	0.07098	0.05995	0.07408	1.06E-03	4.23E-06	1.93E-03	0.002988	1.08E-03	4.17E-06	2.14E-03	0.003227	1.03E-03	5.29E-06	4.12E-03	5.15E-03
1914	494511.06	3859301.99	0.07001	0.05925	0.07308	1.04E-03	4.18E-06	1.90E-03	0.002948	1.06E-03	4.12E-06	2.11E-03	0.003184	1.01E-03	5.23E-06	4.06E-03	5.08E-03
1915	494561.06	3859301.99	0.06924	0.05871	0.07229	1.03E-03	4.15E-06	1.88E-03	0.002915	1.05E-03	4.08E-06	2.09E-03	0.003149	1.00E-03	5.18E-06	4.02E-03	5.02E-03
1916	494611.06	3859301.99	0.06838	0.05808	0.0714	1.02E-03	4.10E-06	1.86E-03	0.002879	1.04E-03	4.04E-06	2.07E-03	0.00311	9.88E-04	5.12E-06	3.97E-03	4.96E-03
1917	494661.06	3859301.99	0.06754	0.05744	0.07052	1.01E-03	4.06E-06	1.83E-03	0.002844	1.03E-03	3.99E-06	2.04E-03	0.003072	9.76E-04	5.07E-06	3.92E-03	4.90E-03
1918	494711.06	3859301.99	0.06651	0.05664	0.06944	9.90E-04	4.00E-06	1.81E-03	0.002801	1.01E-03	3.94E-06	2.01E-03	0.003025	9.61E-04	5.00E-06	3.86E-03	4.82E-03
1919	494761.06	3859301.99	0.0656	0.05593	0.06849	9.76E-04	3.95E-06	1.78E-03	0.002762	9.98E-04	3.89E-06	1.98E-03	0.002984	9.48E-04	4.93E-06	3.81E-03	4.76E-03
1920	494811.06	3859301.99	0.06428	0.05485	0.06709	9.57E-04	3.87E-06	1.75E-03	0.002706	9.78E-04	3.81E-06	1.94E-03	0.002923	9.29E-04	4.84E-06	3.73E-03	4.66E-03
1921	494861.06	3859301.99	0.06243	0.0533	0.06512	9.29E-04	3.76E-06	1.69E-03	0.002627	9.49E-04	3.70E-06	1.88E-03	0.002838	9.02E-04	4.70E-06	3.62E-03	4.53E-03
1922	494911.06	3859301.99	0.06152	0.05256	0.06414	9.16E-04	3.71E-06	1.67E-03	0.002588	9.36E-04	3.65E-06	1.86E-03	0.002795	8.89E-04	4.64E-06	3.56E-03	4.46E-03
1923	494961.06	3859301.99	0.05967	0.05099	0.06217	8.88E-04	3.60E-06	1.62E-03	0.002509	9.08E-04	3.54E-06	1.80E-03	0.00271	8.62E-04	4.50E-06	3.45E-03	4.32E-03

1924	495011.06	3859301.99	0.059	0.05045	0.06147	8.78E-04	3.56E-06	1.60E-03	0.002481	8.97E-04	3.51E-06	1.78E-03	0.00268	8.53E-04	4.45E-06	3.42E-03	4.27E-03
1925	495061.06	3859301.99	0.05978	0.05121	0.06235	8.90E-04	3.62E-06	1.62E-03	0.002516	9.09E-04	3.56E-06	1.80E-03	0.002717	8.64E-04	4.52E-06	3.46E-03	4.33E-03
1926	495111.06	3859301.99	0.05885	0.05042	0.06134	8.76E-04	3.56E-06	1.60E-03	0.002475	8.95E-04	3.50E-06	1.78E-03	0.002674	8.50E-04	4.45E-06	3.41E-03	4.26E-03
1927	495161.06	3859301.99	0.05869	0.05031	0.06115	8.74E-04	3.55E-06	1.59E-03	0.002468	8.93E-04	3.50E-06	1.77E-03	0.002666	8.48E-04	4.44E-06	3.40E-03	4.25E-03
1928	495211.06	3859301.99	0.05889	0.05053	0.06139	8.77E-04	3.57E-06	1.60E-03	0.002477	8.96E-04	3.51E-06	1.78E-03	0.002676	8.51E-04	4.46E-06	3.41E-03	4.27E-03
1929	495261.06	3859301.99	0.05883	0.05053	0.06134	8.76E-04	3.57E-06	1.60E-03	0.002475	8.95E-04	3.51E-06	1.78E-03	0.002673	8.50E-04	4.46E-06	3.41E-03	4.26E-03
1930	495311.06	3859301.99	0.05819	0.05001	0.06066	8.66E-04	3.53E-06	1.58E-03	0.002448	8.85E-04	3.48E-06	1.76E-03	0.002644	8.41E-04	4.41E-06	3.37E-03	4.22E-03
1931	495361.06	3859301.99	0.05822	0.05008	0.0607	8.67E-04	3.54E-06	1.58E-03	0.002449	8.85E-04	3.48E-06	1.76E-03	0.002645	8.41E-04	4.42E-06	3.37E-03	4.22E-03
1932	495411.06	3859301.99	0.05802	0.04996	0.0605	8.64E-04	3.53E-06	1.57E-03	0.002441	8.82E-04	3.47E-06	1.75E-03	0.002637	8.38E-04	4.41E-06	3.36E-03	4.20E-03
1933	495461.06	3859301.99	0.05791	0.0499	0.06039	8.62E-04	3.52E-06	1.57E-03	0.002437	8.81E-04	3.47E-06	1.75E-03	0.002632	8.37E-04	4.40E-06	3.36E-03	4.20E-03
1934	495511.06	3859301.99	0.05734	0.04945	0.05978	8.53E-04	3.49E-06	1.56E-03	0.002412	8.72E-04	3.44E-06	1.73E-03	0.002605	8.29E-04	4.36E-06	3.32E-03	4.15E-03
1935	495561.06	3859301.99	0.0564	0.04866	0.05878	8.40E-04	3.44E-06	1.53E-03	0.002372	8.58E-04	3.38E-06	1.70E-03	0.002562	8.15E-04	4.29E-06	3.27E-03	4.09E-03
1936	495611.06	3859301.99	0.05601	0.04837	0.05837	8.34E-04	3.42E-06	1.52E-03	0.002356	8.52E-04	3.36E-06	1.69E-03	0.002544	8.09E-04	4.27E-06	3.24E-03	4.06E-03
1937	495661.06	3859301.99	0.05561	0.04806	0.05795	8.28E-04	3.39E-06	1.51E-03	0.002339	8.46E-04	3.34E-06	1.68E-03	0.002526	8.04E-04	4.24E-06	3.22E-03	4.03E-03
1938	494311.06	3859351.99	0.07379	0.06154	0.07686	1.10E-03	4.35E-06	2.00E-03	0.003102	1.12E-03	4.28E-06	2.22E-03	0.003351	1.07E-03	5.43E-06	4.27E-03	5.34E-03
1939	494361.06	3859351.99	0.07298	0.06103	0.07605	1.09E-03	4.31E-06	1.98E-03	0.003069	1.11E-03	4.24E-06	2.20E-03	0.003315	1.05E-03	5.38E-06	4.23E-03	5.29E-03
1940	494411.06	3859351.99	0.07183	0.06024	0.07489	1.07E-03	4.25E-06	1.95E-03	0.003022	1.09E-03	4.19E-06	2.17E-03	0.003264	1.04E-03	5.32E-06	4.16E-03	5.20E-03
1941	494461.06	3859351.99	0.07084	0.05956	0.07389	1.05E-03	4.21E-06	1.92E-03	0.002981	1.08E-03	4.14E-06	2.14E-03	0.00322	1.02E-03	5.26E-06	4.11E-03	5.13E-03
1942	494511.06	3859351.99	0.06995	0.05895	0.07298	1.04E-03	4.16E-06	1.90E-03	0.002944	1.06E-03	4.10E-06	2.11E-03	0.00318	1.01E-03	5.20E-06	4.06E-03	5.07E-03
1943	494561.06	3859351.99	0.06929	0.05851	0.07231	1.03E-03	4.13E-06	1.88E-03	0.002917	1.05E-03	4.07E-06	2.09E-03	0.00315	1.00E-03	5.16E-06	4.02E-03	5.02E-03
1944	494611.06	3859351.99	0.06851	0.05797	0.0715	1.02E-03	4.09E-06	1.86E-03	0.002884	1.04E-03	4.03E-06	2.07E-03	0.003115	9.90E-04	5.11E-06	3.97E-03	4.97E-03
1945	494661.06	3859351.99	0.06768	0.05737	0.07064	1.01E-03	4.05E-06	1.84E-03	0.002849	1.03E-03	3.99E-06	2.04E-03	0.003077	9.78E-04	5.06E-06	3.93E-03	4.91E-03
1946	494711.06	3859351.99	0.0666	0.05656	0.06953	9.91E-04	3.99E-06	1.81E-03	0.002804	1.01E-03	3.93E-06	2.01E-03	0.003029	9.62E-04	4.99E-06	3.86E-03	4.83E-03
1947	494761.06	3859351.99	0.06518	0.05548	0.0681	9.70E-04	3.92E-06	1.77E-03	0.002746	9.91E-04	3.86E-06	1.97E-03	0.002966	9.42E-04	4.90E-06	3.78E-03	4.73E-03
1948	494811.06	3859351.99	0.06331	0.05391	0.06606	9.42E-04	3.81E-06	1.72E-03	0.002665	9.63E-04	3.75E-06	1.91E-03	0.002878	9.15E-04	4.76E-06	3.67E-03	4.59E-03
1949	494861.06	3859351.99	0.06258	0.05335	0.0653	9.31E-04	3.77E-06	1.70E-03	0.002634	9.52E-04	3.71E-06	1.89E-03	0.002845	9.04E-04	4.71E-06	3.63E-03	4.54E-03
1950	494911.06	3859351.99	0.06211	0.053	0.0648	9.24E-04	3.74E-06	1.69E-03	0.002614	9.45E-04	3.68E-06	1.88E-03	0.002823	8.98E-04	4.68E-06	3.60E-03	4.50E-03
1951	494961.06	3859351.99	0.06126	0.05232	0.0639	9.12E-04	3.69E-06	1.66E-03	0.002578	9.32E-04	3.64E-06	1.85E-03	0.002784	8.85E-04	4.62E-06	3.55E-03	4.44E-03
1952	495011.06	3859351.99	0.06066	0.05186	0.06327	9.03E-04	3.66E-06	1.65E-03	0.002553	9.23E-04	3.60E-06	1.83E-03	0.002757	8.77E-04	4.58E-06	3.52E-03	4.40E-03
1953	495061.06	3859351.99	0.06101	0.05223	0.06366	9.08E-04	3.69E-06	1.66E-03	0.002568	9.28E-04	3.63E-06	1.84E-03	0.002774	8.82E-04	4.61E-06	3.54E-03	4.42E-03
1954	495111.06	3859351.99	0.06034	0.05169	0.06295	8.98E-04	3.65E-06	1.64E-03	0.002539	9.18E-04	3.59E-06	1.82E-03	0.002743	8.72E-04	4.56E-06	3.50E-03	4.37E-03
1955	495161.06	3859351.99	0.06003	0.05147	0.06263	8.94E-04	3.63E-06	1.63E-03	0.002527	9.13E-04	3.58E-06	1.81E-03	0.002729	8.67E-04	4.54E-06	3.48E-03	4.35E-03
1956	495211.06	3859351.99	0.05967	0.05121	0.06226	8.88E-04	3.62E-06	1.62E-03	0.002512	9.08E-04	3.56E-06	1.80E-03	0.002713	8.62E-04	4.52E-06	3.46E-03	4.33E-03
1957	495261.06	3859351.99	0.05957	0.05117	0.06216	8.87E-04	3.61E-06	1.62E-03	0.002507	9.06E-04	3.56E-06	1.80E-03	0.002708	8.61E-04	4.51E-06	3.45E-03	4.32E-03
1958	495311.06	3859351.99	0.05902	0.05074	0.06158	8.79E-04	3.58E-06	1.60E-03	0.002484	8.98E-04	3.53E-06	1.78E-03	0.002683	8.53E-04	4.48E-06	3.42E-03	4.28E-03
1959	495361.06	3859351.99	0.05871	0.05051	0.06126	8.74E-04	3.57E-06	1.59E-03	0.002471	8.93E-04	3.51E-06	1.77E-03	0.002669	8.48E-04	4.46E-06	3.40E-03	4.26E-03
1960	495411.06	3859351.99	0.05857	0.05044	0.06112	8.72E-04	3.56E-06	1.59E-03	0.002465	8.91E-04	3.51E-06	1.77E-03	0.002663	8.46E-04	4.45E-06	3.40E-03	4.25E-03
1961	495461.06	3859351.99	0.05855	0.05047	0.06111	8.72E-04	3.56E-06	1.59E-03	0.002465	8.90E-04	3.51E-06	1.77E-03	0.002662	8.46E-04	4.45E-06	3.40E-03	4.25E-03
1962	495511.06	3859351.99	0.05778	0.04984	0.06029	8.60E-04	3.52E-06	1.57E-03	0.002432	8.79E-04	3.46E-06	1.74E-03	0.002627	8.35E-04	4.40E-06	3.35E-03	4.19E-03
1963	495561.06	3859351.99	0.05721	0.04938	0.05969	8.52E-04	3.49E-06	1.55E-03	0.002408	8.70E-04	3.43E-06	1.73E-03	0.002601	8.27E-04	4.36E-06	3.32E-03	4.15E-03
1964	495611.06	3859351.99	0.05682	0.04908	0.05927	8.46E-04	3.47E-06	1.54E-03	0.002391	8.64E-04	3.41E-06	1.72E-03	0.002583	8.21E-04	4.33E-06	3.29E-03	4.12E-03
1965	495661.06	3859351.99	0.05604	0.04844	0.05844	8.34E-04	3.42E-06	1.52E-03	0.002358	8.52E-04	3.37E-06	1.69E-03	0.002547	8.10E-04	4.27E-06	3.25E-03	4.06E-03
1966	494311.06	3859401.99	0.07377	0.06116	0.0767	1.10E-03	4.32E-06	2.00E-03	0.003098	1.12E-03	4.25E-06	2.22E-03	0.003346	1.07E-03	5.40E-06	4.26E-03	5.33E-03
1967	494361.06	3859401.99	0.07268	0.06045	0.07564	1.08E-03	4.27E-06	1.97E-03	0.003054	1.11E-03	4.20E-06	2.19E-03	0.003298	1.05E-03	5.33E-06	4.20E-03	5.26E-03
1968	494411.06	3859401.99	0.07154	0.05968	0.07451	1.06E-03	4.21E-06	1.94E-03	0.003008	1.09E-03	4.15E-06	2.16E-03	0.003248	1.03E-03	5.27E-06	4.14E-03	5.18E-03
1969	494461.06	3859401.99	0.07068	0.05912	0.07365	1.05E-03	4.17E-06	1.92E-03	0.002972	1.07E-03	4.11E-06	2.13E-03	0.00321	1.02E-03	5.22E-06	4.09E-03	5.12E-03
1970	494511.06	3859401.99	0.07011	0.05877	0.07307	1.04E-03	4.15E-06	1.90E-03	0.002949	1.07E-03	4.08E-06	2.11E-03	0.003185	1.01E-03	5.19E-06	4.06E-03	5.08E-03

1971	494561.06	3859401.99	0.06941	0.05833	0.07237	1.03E-03	4.12E-06	1.88E-03	0.00292	1.06E-03	4.05E-06	2.09E-03	0.003154	1.00E-03	5.15E-06	4.02E-03	5.03E-03
1972	494611.06	3859401.99	0.06854	0.05773	0.07148	1.02E-03	4.08E-06	1.86E-03	0.002884	1.04E-03	4.01E-06	2.07E-03	0.003115	9.90E-04	5.09E-06	3.97E-03	4.97E-03
1973	494661.06	3859401.99	0.06792	0.05733	0.07085	1.01E-03	4.05E-06	1.84E-03	0.002858	1.03E-03	3.98E-06	2.05E-03	0.003087	9.81E-04	5.06E-06	3.94E-03	4.92E-03
1974	494711.06	3859401.99	0.06716	0.0568	0.07007	1.00E-03	4.01E-06	1.82E-03	0.002827	1.02E-03	3.95E-06	2.03E-03	0.003053	9.70E-04	5.01E-06	3.89E-03	4.87E-03
1975	494761.06	3859401.99	0.06566	0.0557	0.06858	9.77E-04	3.93E-06	1.78E-03	0.002765	9.99E-04	3.87E-06	1.98E-03	0.002987	9.49E-04	4.91E-06	3.81E-03	4.76E-03
1976	494811.06	3859401.99	0.06461	0.05486	0.06743	9.62E-04	3.87E-06	1.75E-03	0.00272	9.83E-04	3.81E-06	1.95E-03	0.002938	9.34E-04	4.84E-06	3.75E-03	4.69E-03
1977	494861.06	3859401.99	0.0632	0.05375	0.06596	9.41E-04	3.80E-06	1.72E-03	0.002661	9.61E-04	3.74E-06	1.91E-03	0.002874	9.13E-04	4.74E-06	3.67E-03	4.58E-03
1978	494911.06	3859401.99	0.06232	0.0531	0.06507	9.28E-04	3.75E-06	1.69E-03	0.002624	9.48E-04	3.69E-06	1.88E-03	0.002834	9.01E-04	4.69E-06	3.62E-03	4.52E-03
1979	494961.06	3859401.99	0.06187	0.05276	0.06457	9.21E-04	3.73E-06	1.68E-03	0.002604	9.41E-04	3.67E-06	1.87E-03	0.002813	8.94E-04	4.66E-06	3.59E-03	4.49E-03
1980	495011.06	3859401.99	0.06156	0.05256	0.06425	9.16E-04	3.71E-06	1.67E-03	0.002592	9.36E-04	3.65E-06	1.86E-03	0.002799	8.90E-04	4.64E-06	3.57E-03	4.46E-03
1981	495061.06	3859401.99	0.06134	0.05247	0.06407	9.13E-04	3.70E-06	1.67E-03	0.002584	9.33E-04	3.65E-06	1.85E-03	0.002791	8.86E-04	4.63E-06	3.56E-03	4.45E-03
1982	495111.06	3859401.99	0.06064	0.05192	0.06333	9.03E-04	3.67E-06	1.65E-03	0.002554	9.22E-04	3.61E-06	1.83E-03	0.002758	8.76E-04	4.58E-06	3.52E-03	4.40E-03
1983	495161.06	3859401.99	0.06046	0.05179	0.0631	9.00E-04	3.66E-06	1.64E-03	0.002545	9.20E-04	3.60E-06	1.83E-03	0.002749	8.74E-04	4.57E-06	3.51E-03	4.38E-03
1984	495211.06	3859401.99	0.06038	0.05178	0.06303	8.99E-04	3.66E-06	1.64E-03	0.002542	9.18E-04	3.60E-06	1.82E-03	0.002746	8.73E-04	4.57E-06	3.50E-03	4.38E-03
1985	495261.06	3859401.99	0.06005	0.05154	0.06268	8.94E-04	3.64E-06	1.63E-03	0.002528	9.13E-04	3.58E-06	1.81E-03	0.002731	8.68E-04	4.55E-06	3.48E-03	4.36E-03
1986	495311.06	3859401.99	0.05966	0.05125	0.06228	8.88E-04	3.62E-06	1.62E-03	0.002512	9.07E-04	3.56E-06	1.80E-03	0.002713	8.62E-04	4.52E-06	3.46E-03	4.33E-03
1987	495361.06	3859401.99	0.05965	0.0513	0.06228	8.88E-04	3.62E-06	1.62E-03	0.002512	9.07E-04	3.57E-06	1.80E-03	0.002713	8.62E-04	4.53E-06	3.46E-03	4.33E-03
1988	495411.06	3859401.99	0.05941	0.05114	0.06203	8.84E-04	3.61E-06	1.61E-03	0.002502	9.04E-04	3.55E-06	1.79E-03	0.002702	8.58E-04	4.51E-06	3.45E-03	4.31E-03
1989	495461.06	3859401.99	0.05893	0.05077	0.06153	8.77E-04	3.58E-06	1.60E-03	0.002482	8.96E-04	3.53E-06	1.78E-03	0.00268	8.52E-04	4.48E-06	3.42E-03	4.28E-03
1990	495511.06	3859401.99	0.0582	0.05018	0.06076	8.66E-04	3.54E-06	1.58E-03	0.002451	8.85E-04	3.49E-06	1.76E-03	0.002647	8.41E-04	4.43E-06	3.38E-03	4.22E-03
1991	495561.06	3859401.99	0.05734	0.04948	0.05985	8.53E-04	3.49E-06	1.56E-03	0.002414	8.72E-04	3.44E-06	1.73E-03	0.002607	8.29E-04	4.37E-06	3.33E-03	4.16E-03
1992	495611.06	3859401.99	0.05689	0.04912	0.05937	8.47E-04	3.47E-06	1.54E-03	0.002395	8.65E-04	3.41E-06	1.72E-03	0.002587	8.22E-04	4.33E-06	3.30E-03	4.13E-03
1993	495661.06	3859401.99	0.05651	0.04884	0.05898	8.41E-04	3.45E-06	1.53E-03	0.002379	8.59E-04	3.39E-06	1.71E-03	0.00257	8.17E-04	4.31E-06	3.28E-03	4.10E-03
1994	494311.06	3859451.99	0.0732	0.06041	0.076	1.09E-03	4.27E-06	1.98E-03	0.003071	1.11E-03	4.20E-06	2.20E-03	0.003317	1.06E-03	5.33E-06	4.22E-03	5.29E-03
1995	494361.06	3859451.99	0.07227	0.05981	0.0751	1.08E-03	4.22E-06	1.95E-03	0.003034	1.10E-03	4.16E-06	2.17E-03	0.003276	1.04E-03	5.28E-06	4.17E-03	5.22E-03
1996	494411.06	3859451.99	0.07092	0.05888	0.07378	1.06E-03	4.16E-06	1.92E-03	0.002979	1.08E-03	4.09E-06	2.13E-03	0.003218	1.02E-03	5.20E-06	4.10E-03	5.13E-03
1997	494461.06	3859451.99	0.07047	0.05864	0.07333	1.05E-03	4.14E-06	1.91E-03	0.002961	1.07E-03	4.08E-06	2.12E-03	0.003198	1.02E-03	5.17E-06	4.07E-03	5.10E-03
1998	494511.06	3859451.99	0.06968	0.05813	0.07254	1.04E-03	4.10E-06	1.89E-03	0.002928	1.06E-03	4.04E-06	2.10E-03	0.003163	1.01E-03	5.13E-06	4.03E-03	5.04E-03
1999	494561.06	3859451.99	0.06903	0.05773	0.07189	1.03E-03	4.08E-06	1.87E-03	0.002902	1.05E-03	4.01E-06	2.08E-03	0.003134	9.97E-04	5.09E-06	3.99E-03	5.00E-03
2000	494611.06	3859451.99	0.06866	0.05754	0.07152	1.02E-03	4.06E-06	1.86E-03	0.002887	1.04E-03	4.00E-06	2.07E-03	0.003118	9.92E-04	5.08E-06	3.97E-03	4.97E-03
2001	494661.06	3859451.99	0.06779	0.05695	0.07064	1.01E-03	4.02E-06	1.84E-03	0.002851	1.03E-03	3.96E-06	2.04E-03	0.003079	9.80E-04	5.02E-06	3.93E-03	4.91E-03
2002	494711.06	3859451.99	0.06691	0.05634	0.06975	9.96E-04	3.98E-06	1.81E-03	0.002815	1.02E-03	3.92E-06	2.02E-03	0.00304	9.67E-04	4.97E-06	3.88E-03	4.85E-03
2003	494761.06	3859451.99	0.06617	0.05584	0.069	9.85E-04	3.94E-06	1.80E-03	0.002784	1.01E-03	3.88E-06	2.00E-03	0.003007	9.56E-04	4.93E-06	3.83E-03	4.80E-03
2004	494811.06	3859451.99	0.06502	0.05499	0.06782	9.68E-04	3.88E-06	1.76E-03	0.002736	9.89E-04	3.82E-06	1.96E-03	0.002955	9.40E-04	4.85E-06	3.77E-03	4.71E-03
2005	494861.06	3859451.99	0.06406	0.05429	0.06683	9.54E-04	3.83E-06	1.74E-03	0.002696	9.74E-04	3.77E-06	1.93E-03	0.002912	9.26E-04	4.79E-06	3.71E-03	4.64E-03
2006	494911.06	3859451.99	0.06335	0.05377	0.06609	9.43E-04	3.80E-06	1.72E-03	0.002666	9.63E-04	3.74E-06	1.91E-03	0.00288	9.15E-04	4.74E-06	3.67E-03	4.59E-03
2007	494961.06	3859451.99	0.06294	0.05351	0.06567	9.37E-04	3.78E-06	1.71E-03	0.002649	9.57E-04	3.72E-06	1.90E-03	0.002861	9.09E-04	4.72E-06	3.65E-03	4.56E-03
2008	495011.06	3859451.99	0.06241	0.05314	0.06513	9.29E-04	3.75E-06	1.69E-03	0.002627	9.49E-04	3.69E-06	1.88E-03	0.002838	9.02E-04	4.69E-06	3.62E-03	4.53E-03
2009	495061.06	3859451.99	0.06189	0.05277	0.06459	9.21E-04	3.73E-06	1.68E-03	0.002605	9.41E-04	3.67E-06	1.87E-03	0.002814	8.94E-04	4.66E-06	3.59E-03	4.49E-03
2010	495111.06	3859451.99	0.06135	0.05238	0.06403	9.13E-04	3.70E-06	1.67E-03	0.002583	9.33E-04	3.64E-06	1.85E-03	0.00279	8.87E-04	4.62E-06	3.56E-03	4.45E-03
2011	495161.06	3859451.99	0.06113	0.05225	0.0638	9.10E-04	3.69E-06	1.66E-03	0.002573	9.30E-04	3.63E-06	1.85E-03	0.00278	8.83E-04	4.61E-06	3.55E-03	4.43E-03
2012	495211.06	3859451.99	0.06099	0.0522	0.06367	9.08E-04	3.69E-06	1.66E-03	0.002568	9.28E-04	3.63E-06	1.84E-03	0.002774	8.81E-04	4.61E-06	3.54E-03	4.42E-03
2013	495261.06	3859451.99	0.06082	0.05211	0.06349	9.05E-04	3.68E-06	1.65E-03	0.002561	9.25E-04	3.62E-06	1.84E-03	0.002766	8.79E-04	4.60E-06	3.53E-03	4.41E-03
2014	495311.06	3859451.99	0.06041	0.05182	0.06306	8.99E-04	3.66E-06	1.64E-03	0.002543	9.19E-04	3.60E-06	1.82E-03	0.002747	8.73E-04	4.57E-06	3.50E-03	4.38E-03
2015	495361.06	3859451.99	0.0601	0.0516	0.06274	8.95E-04	3.64E-06	1.63E-03	0.00253	9.14E-04	3.59E-06	1.82E-03	0.002733	8.68E-04	4.55E-06	3.49E-03	4.36E-03
2016	495411.06	3859451.99	0.05967	0.05129	0.0623	8.88E-04	3.62E-06	1.62E-03	0.002513	9.08E-04	3.56E-06	1.80E-03	0.002714	8.62E-04	4.53E-06	3.46E-03	4.33E-03
2017	495461.06	3859451.99	0.05934	0.05105	0.06196	8.83E-04	3.60E-06	1.61E-03	0.002499	9.02E-04	3.55E-06	1.79E-03	0.002699	8.57E-04	4.50E-06	3.44E-03	4.30E-03

2018	495511.06	3859451.99	0.0585	0.05038	0.06109	8.71E-04	3.56E-06	1.59E-03	0.002464	8.90E-04	3.50E-06	1.77E-03	0.002661	8.45E-04	4.45E-06	3.39E-03	4.24E-03
2019	495561.06	3859451.99	0.058	0.04999	0.06055	8.63E-04	3.53E-06	1.58E-03	0.002442	8.82E-04	3.47E-06	1.75E-03	0.002638	8.38E-04	4.41E-06	3.36E-03	4.21E-03
2020	495611.06	3859451.99	0.05751	0.04962	0.06004	8.56E-04	3.50E-06	1.56E-03	0.002422	8.75E-04	3.45E-06	1.74E-03	0.002616	8.31E-04	4.38E-06	3.34E-03	4.17E-03
2021	495661.06	3859451.99	0.05706	0.04928	0.05957	8.49E-04	3.48E-06	1.55E-03	0.002403	8.68E-04	3.43E-06	1.72E-03	0.002595	8.25E-04	4.35E-06	3.31E-03	4.14E-03
2022	494311.06	3859501.99	0.07277	0.05982	0.0754	1.08E-03	4.22E-06	1.96E-03	0.003049	1.11E-03	4.16E-06	2.18E-03	0.003293	1.05E-03	5.28E-06	4.19E-03	5.25E-03
2023	494361.06	3859501.99	0.07188	0.05924	0.07455	1.07E-03	4.18E-06	1.94E-03	0.003014	1.09E-03	4.12E-06	2.16E-03	0.003255	1.04E-03	5.23E-06	4.14E-03	5.19E-03
2024	494411.06	3859501.99	0.07029	0.05813	0.07304	1.05E-03	4.10E-06	1.90E-03	0.002951	1.07E-03	4.04E-06	2.11E-03	0.003187	1.02E-03	5.13E-06	4.06E-03	5.08E-03
2025	494461.06	3859501.99	0.07028	0.05821	0.073	1.05E-03	4.11E-06	1.90E-03	0.002949	1.07E-03	4.05E-06	2.11E-03	0.003185	1.02E-03	5.14E-06	4.06E-03	5.08E-03
2026	494511.06	3859501.99	0.06942	0.05765	0.07217	1.03E-03	4.07E-06	1.88E-03	0.002915	1.06E-03	4.01E-06	2.09E-03	0.003148	1.00E-03	5.09E-06	4.01E-03	5.02E-03
2027	494561.06	3859501.99	0.06869	0.05718	0.07144	1.02E-03	4.04E-06	1.86E-03	0.002885	1.04E-03	3.97E-06	2.07E-03	0.003116	9.93E-04	5.05E-06	3.97E-03	4.97E-03
2028	494611.06	3859501.99	0.06874	0.0573	0.07147	1.02E-03	4.05E-06	1.86E-03	0.002887	1.05E-03	3.98E-06	2.07E-03	0.003118	9.93E-04	5.06E-06	3.97E-03	4.97E-03
2029	494661.06	3859501.99	0.06777	0.05665	0.07052	1.01E-03	4.00E-06	1.83E-03	0.002847	1.03E-03	3.94E-06	2.04E-03	0.003075	9.79E-04	5.00E-06	3.92E-03	4.90E-03
2030	494711.06	3859501.99	0.0666	0.05583	0.06935	9.91E-04	3.94E-06	1.80E-03	0.002799	1.01E-03	3.88E-06	2.01E-03	0.003024	9.62E-04	4.93E-06	3.85E-03	4.82E-03
2031	494761.06	3859501.99	0.06639	0.05576	0.06914	9.88E-04	3.94E-06	1.80E-03	0.002791	1.01E-03	3.88E-06	2.00E-03	0.003014	9.59E-04	4.92E-06	3.84E-03	4.81E-03
2032	494811.06	3859501.99	0.06487	0.05463	0.06761	9.66E-04	3.86E-06	1.76E-03	0.002728	9.87E-04	3.80E-06	1.96E-03	0.002947	9.37E-04	4.82E-06	3.76E-03	4.70E-03
2033	494861.06	3859501.99	0.06427	0.05424	0.067	9.57E-04	3.83E-06	1.74E-03	0.002704	9.77E-04	3.77E-06	1.94E-03	0.00292	9.29E-04	4.79E-06	3.72E-03	4.66E-03
2034	494911.06	3859501.99	0.06391	0.05403	0.06663	9.51E-04	3.81E-06	1.73E-03	0.002689	9.72E-04	3.76E-06	1.93E-03	0.002904	9.24E-04	4.77E-06	3.70E-03	4.63E-03
2035	494961.06	3859501.99	0.06314	0.05348	0.06584	9.40E-04	3.78E-06	1.71E-03	0.002656	9.60E-04	3.72E-06	1.91E-03	0.002869	9.12E-04	4.72E-06	3.66E-03	4.58E-03
2036	495011.06	3859501.99	0.06281	0.05329	0.0655	9.35E-04	3.76E-06	1.70E-03	0.002643	9.55E-04	3.70E-06	1.90E-03	0.002854	9.08E-04	4.70E-06	3.64E-03	4.55E-03
2037	495061.06	3859501.99	0.0625	0.0531	0.06518	9.30E-04	3.75E-06	1.70E-03	0.00263	9.51E-04	3.69E-06	1.89E-03	0.00284	9.03E-04	4.69E-06	3.62E-03	4.53E-03
2038	495111.06	3859501.99	0.06176	0.05256	0.06442	9.19E-04	3.71E-06	1.68E-03	0.002599	9.39E-04	3.65E-06	1.86E-03	0.002807	8.92E-04	4.64E-06	3.58E-03	4.48E-03
2039	495161.06	3859501.99	0.06148	0.0524	0.06413	9.15E-04	3.70E-06	1.67E-03	0.002587	9.35E-04	3.64E-06	1.86E-03	0.002794	8.88E-04	4.62E-06	3.56E-03	4.46E-03
2040	495211.06	3859501.99	0.06137	0.05237	0.06403	9.13E-04	3.70E-06	1.67E-03	0.002583	9.33E-04	3.64E-06	1.85E-03	0.00279	8.87E-04	4.62E-06	3.56E-03	4.45E-03
2041	495261.06	3859501.99	0.06107	0.05219	0.06372	9.09E-04	3.69E-06	1.66E-03	0.00257	9.29E-04	3.63E-06	1.84E-03	0.002776	8.82E-04	4.60E-06	3.54E-03	4.43E-03
2042	495311.06	3859501.99	0.06086	0.05207	0.0635	9.06E-04	3.68E-06	1.65E-03	0.002562	9.26E-04	3.62E-06	1.84E-03	0.002767	8.79E-04	4.59E-06	3.53E-03	4.41E-03
2043	495361.06	3859501.99	0.06049	0.05182	0.06313	9.00E-04	3.66E-06	1.64E-03	0.002546	9.20E-04	3.60E-06	1.83E-03	0.00275	8.74E-04	4.57E-06	3.51E-03	4.39E-03
2044	495411.06	3859501.99	0.06016	0.05159	0.06278	8.95E-04	3.64E-06	1.63E-03	0.002532	9.15E-04	3.59E-06	1.82E-03	0.002735	8.69E-04	4.55E-06	3.49E-03	4.36E-03
2045	495461.06	3859501.99	0.05972	0.05128	0.06234	8.89E-04	3.62E-06	1.62E-03	0.002514	9.08E-04	3.56E-06	1.80E-03	0.002716	8.63E-04	4.52E-06	3.46E-03	4.33E-03
2046	495511.06	3859501.99	0.0587	0.05049	0.06132	8.74E-04	3.57E-06	1.60E-03	0.002473	8.93E-04	3.51E-06	1.77E-03	0.002671	8.48E-04	4.45E-06	3.41E-03	4.26E-03
2047	495561.06	3859501.99	0.05854	0.05038	0.06112	8.71E-04	3.56E-06	1.59E-03	0.002465	8.90E-04	3.50E-06	1.77E-03	0.002662	8.46E-04	4.45E-06	3.40E-03	4.25E-03
2048	495611.06	3859501.99	0.05802	0.04998	0.06057	8.64E-04	3.53E-06	1.58E-03	0.002443	8.82E-04	3.47E-06	1.75E-03	0.002639	8.38E-04	4.41E-06	3.37E-03	4.21E-03
2049	495661.06	3859501.99	0.05742	0.04952	0.05996	8.55E-04	3.50E-06	1.56E-03	0.002418	8.73E-04	3.44E-06	1.74E-03	0.002612	8.30E-04	4.37E-06	3.33E-03	4.17E-03
2050	494311.06	3859551.99	0.07219	0.05919	0.07466	1.07E-03	4.18E-06	1.94E-03	0.003021	1.10E-03	4.11E-06	2.16E-03	0.003262	1.04E-03	5.22E-06	4.15E-03	5.20E-03
2051	494361.06	3859551.99	0.07117	0.05854	0.07376	1.06E-03	4.13E-06	1.92E-03	0.002982	1.08E-03	4.07E-06	2.13E-03	0.003221	1.03E-03	5.17E-06	4.10E-03	5.13E-03
2052	494411.06	3859551.99	0.06965	0.05746	0.0723	1.04E-03	4.06E-06	1.88E-03	0.002922	1.06E-03	3.99E-06	2.09E-03	0.003155	1.01E-03	5.07E-06	4.02E-03	5.03E-03
2053	494461.06	3859551.99	0.06985	0.05765	0.07243	1.04E-03	4.07E-06	1.88E-03	0.002928	1.06E-03	4.01E-06	2.10E-03	0.003162	1.01E-03	5.09E-06	4.02E-03	5.04E-03
2054	494511.06	3859551.99	0.06906	0.05713	0.07167	1.03E-03	4.03E-06	1.86E-03	0.002897	1.05E-03	3.97E-06	2.07E-03	0.003128	9.98E-04	5.04E-06	3.98E-03	4.99E-03
2055	494561.06	3859551.99	0.06847	0.05675	0.07109	1.02E-03	4.01E-06	1.85E-03	0.002873	1.04E-03	3.94E-06	2.06E-03	0.003102	9.89E-04	5.01E-06	3.95E-03	4.94E-03
2056	494611.06	3859551.99	0.06814	0.05658	0.07076	1.01E-03	4.00E-06	1.84E-03	0.002859	1.04E-03	3.93E-06	2.05E-03	0.003088	9.85E-04	4.99E-06	3.93E-03	4.92E-03
2057	494661.06	3859551.99	0.06763	0.05628	0.07026	1.01E-03	3.97E-06	1.83E-03	0.002839	1.03E-03	3.91E-06	2.03E-03	0.003066	9.77E-04	4.97E-06	3.90E-03	4.89E-03
2058	494711.06	3859551.99	0.06594	0.05507	0.06861	9.82E-04	3.89E-06	1.78E-03	0.00277	1.00E-03	3.83E-06	1.99E-03	0.002992	9.53E-04	4.86E-06	3.81E-03	4.77E-03
2059	494761.06	3859551.99	0.06628	0.05541	0.06892	9.87E-04	3.91E-06	1.79E-03	0.002783	1.01E-03	3.85E-06	1.99E-03	0.003006	9.58E-04	4.89E-06	3.83E-03	4.79E-03
2060	494811.06	3859551.99	0.06506	0.05454	0.06772	9.68E-04	3.85E-06	1.76E-03	0.002734	9.89E-04	3.79E-06	1.96E-03	0.002953	9.40E-04	4.81E-06	3.76E-03	4.71E-03
2061	494861.06	3859551.99	0.06452	0.0542	0.06718	9.60E-04	3.83E-06	1.75E-03	0.002712	9.81E-04	3.77E-06	1.94E-03	0.002929	9.32E-04	4.78E-06	3.73E-03	4.67E-03
2062	494911.06	3859551.99	0.06385	0.05376	0.0665	9.50E-04	3.80E-06	1.73E-03	0.002684	9.71E-04	3.74E-06	1.92E-03	0.002899	9.23E-04	4.74E-06	3.70E-03	4.62E-03
2063	494961.06	3859551.99	0.06353	0.05358	0.06618	9.46E-04	3.78E-06	1.72E-03	0.002671	9.66E-04	3.72E-06	1.92E-03	0.002885	9.18E-04	4.73E-06	3.68E-03	4.60E-03
2064	495011.06	3859551.99	0.06331	0.05348	0.06594	9.42E-04	3.78E-06	1.72E-03	0.002662	9.63E-04	3.72E-06	1.91E-03	0.002875	9.15E-04	4.72E-06	3.66E-03	4.58E-03

2065	495061.06	3859551.99	0.06282	0.05316	0.06545	9.35E-04	3.75E-06	1.70E-03	0.002642	9.55E-04	3.69E-06	1.89E-03	0.002853	9.08E-04	4.69E-06	3.64E-03	4.55E-03
2066	495111.06	3859551.99	0.06218	0.05271	0.0648	9.26E-04	3.72E-06	1.69E-03	0.002615	9.46E-04	3.66E-06	1.88E-03	0.002824	8.99E-04	4.65E-06	3.60E-03	4.50E-03
2067	495161.06	3859551.99	0.06196	0.05261	0.06458	9.22E-04	3.71E-06	1.68E-03	0.002606	9.42E-04	3.66E-06	1.87E-03	0.002815	8.95E-04	4.64E-06	3.59E-03	4.49E-03
2068	495211.06	3859551.99	0.06185	0.05259	0.06446	9.21E-04	3.71E-06	1.68E-03	0.002601	9.41E-04	3.66E-06	1.87E-03	0.00281	8.94E-04	4.64E-06	3.58E-03	4.48E-03
2069	495261.06	3859551.99	0.06135	0.05224	0.06395	9.13E-04	3.69E-06	1.66E-03	0.002581	9.33E-04	3.63E-06	1.85E-03	0.002787	8.87E-04	4.61E-06	3.55E-03	4.44E-03
2070	495311.06	3859551.99	0.06096	0.05199	0.06356	9.07E-04	3.67E-06	1.65E-03	0.002565	9.27E-04	3.61E-06	1.84E-03	0.00277	8.81E-04	4.59E-06	3.53E-03	4.42E-03
2071	495361.06	3859551.99	0.06067	0.05181	0.06326	9.03E-04	3.66E-06	1.65E-03	0.002552	9.23E-04	3.60E-06	1.83E-03	0.002757	8.77E-04	4.57E-06	3.52E-03	4.40E-03
2072	495411.06	3859551.99	0.06046	0.05169	0.06305	9.00E-04	3.65E-06	1.64E-03	0.002544	9.20E-04	3.59E-06	1.82E-03	0.002748	8.74E-04	4.56E-06	3.50E-03	4.38E-03
2073	495461.06	3859551.99	0.05979	0.0512	0.06237	8.90E-04	3.62E-06	1.62E-03	0.002516	9.09E-04	3.56E-06	1.80E-03	0.002718	8.64E-04	4.52E-06	3.47E-03	4.33E-03
2074	495511.06	3859551.99	0.05909	0.05067	0.06165	8.80E-04	3.58E-06	1.60E-03	0.002487	8.99E-04	3.52E-06	1.78E-03	0.002686	8.54E-04	4.47E-06	3.43E-03	4.28E-03
2075	495561.06	3859551.99	0.0587	0.05039	0.06124	8.74E-04	3.56E-06	1.59E-03	0.002471	8.93E-04	3.50E-06	1.77E-03	0.002668	8.48E-04	4.45E-06	3.40E-03	4.26E-03
2076	495611.06	3859551.99	0.05828	0.05008	0.06081	8.67E-04	3.54E-06	1.58E-03	0.002453	8.86E-04	3.48E-06	1.76E-03	0.00265	8.42E-04	4.42E-06	3.38E-03	4.23E-03
2077	495661.06	3859551.99	0.05773	0.04968	0.06025	8.59E-04	3.51E-06	1.57E-03	0.00243	8.78E-04	3.45E-06	1.74E-03	0.002625	8.34E-04	4.38E-06	3.35E-03	4.19E-03
2078	494311.06	3859601.99	0.07171	0.05871	0.07398	1.07E-03	4.15E-06	1.92E-03	0.002996	1.09E-03	4.08E-06	2.14E-03	0.003235	1.04E-03	5.18E-06	4.11E-03	5.15E-03
2079	494361.06	3859601.99	0.07019	0.05766	0.07262	1.04E-03	4.07E-06	1.89E-03	0.002938	1.07E-03	4.01E-06	2.10E-03	0.003173	1.01E-03	5.09E-06	4.04E-03	5.05E-03
2080	494411.06	3859601.99	0.06928	0.05702	0.07175	1.03E-03	4.03E-06	1.87E-03	0.002902	1.05E-03	3.96E-06	2.08E-03	0.003134	1.00E-03	5.03E-06	3.99E-03	4.99E-03
2081	494461.06	3859601.99	0.0694	0.05714	0.07183	1.03E-03	4.03E-06	1.87E-03	0.002906	1.06E-03	3.97E-06	2.08E-03	0.003138	1.00E-03	5.04E-06	3.99E-03	5.00E-03
2082	494511.06	3859601.99	0.06836	0.05642	0.07084	1.02E-03	3.98E-06	1.84E-03	0.002864	1.04E-03	3.92E-06	2.05E-03	0.003094	9.88E-04	4.98E-06	3.94E-03	4.93E-03
2083	494561.06	3859601.99	0.06832	0.05644	0.07078	1.02E-03	3.99E-06	1.84E-03	0.002862	1.04E-03	3.92E-06	2.05E-03	0.003091	9.87E-04	4.98E-06	3.93E-03	4.93E-03
2084	494611.06	3859601.99	0.06805	0.0563	0.07051	1.01E-03	3.98E-06	1.83E-03	0.002851	1.03E-03	3.91E-06	2.04E-03	0.003079	9.83E-04	4.97E-06	3.92E-03	4.91E-03
2085	494661.06	3859601.99	0.06688	0.05552	0.06943	9.95E-04	3.92E-06	1.81E-03	0.002806	1.02E-03	3.86E-06	2.01E-03	0.00303	9.66E-04	4.90E-06	3.86E-03	4.83E-03
2086	494711.06	3859601.99	0.0658	0.05474	0.06835	9.79E-04	3.87E-06	1.78E-03	0.002761	1.00E-03	3.80E-06	1.98E-03	0.002982	9.51E-04	4.83E-06	3.80E-03	4.75E-03
2087	494761.06	3859601.99	0.06639	0.05526	0.06889	9.88E-04	3.90E-06	1.79E-03	0.002784	1.01E-03	3.84E-06	1.99E-03	0.003007	9.59E-04	4.88E-06	3.83E-03	4.79E-03
2088	494811.06	3859601.99	0.0652	0.05443	0.06774	9.70E-04	3.84E-06	1.76E-03	0.002737	9.92E-04	3.78E-06	1.96E-03	0.002956	9.42E-04	4.80E-06	3.76E-03	4.71E-03
2089	494861.06	3859601.99	0.06476	0.05416	0.0673	9.64E-04	3.82E-06	1.75E-03	0.002719	9.85E-04	3.76E-06	1.95E-03	0.002936	9.36E-04	4.78E-06	3.74E-03	4.68E-03
2090	494911.06	3859601.99	0.06387	0.05355	0.06643	9.51E-04	3.78E-06	1.73E-03	0.002683	9.71E-04	3.72E-06	1.92E-03	0.002897	9.23E-04	4.72E-06	3.69E-03	4.62E-03
2091	494961.06	3859601.99	0.06403	0.05375	0.06657	9.53E-04	3.80E-06	1.73E-03	0.002689	9.74E-04	3.74E-06	1.93E-03	0.002904	9.25E-04	4.74E-06	3.70E-03	4.63E-03
2092	495011.06	3859601.99	0.06308	0.05308	0.06563	9.39E-04	3.75E-06	1.71E-03	0.00265	9.59E-04	3.69E-06	1.90E-03	0.002862	9.12E-04	4.68E-06	3.65E-03	4.56E-03
2093	495061.06	3859601.99	0.06301	0.05309	0.06555	9.38E-04	3.75E-06	1.71E-03	0.002647	9.58E-04	3.69E-06	1.90E-03	0.002859	9.11E-04	4.68E-06	3.64E-03	4.56E-03
2094	495111.06	3859601.99	0.06234	0.05264	0.06489	9.28E-04	3.72E-06	1.69E-03	0.00262	9.48E-04	3.66E-06	1.88E-03	0.00283	9.01E-04	4.64E-06	3.61E-03	4.51E-03
2095	495161.06	3859601.99	0.06217	0.05257	0.0647	9.25E-04	3.71E-06	1.68E-03	0.002612	9.46E-04	3.65E-06	1.87E-03	0.002821	8.98E-04	4.64E-06	3.60E-03	4.50E-03
2096	495211.06	3859601.99	0.06181	0.05236	0.06435	9.20E-04	3.70E-06	1.67E-03	0.002598	9.40E-04	3.64E-06	1.86E-03	0.002806	8.93E-04	4.62E-06	3.58E-03	4.47E-03
2097	495261.06	3859601.99	0.06156	0.05222	0.06409	9.16E-04	3.69E-06	1.67E-03	0.002587	9.36E-04	3.63E-06	1.85E-03	0.002794	8.90E-04	4.61E-06	3.56E-03	4.46E-03
2098	495311.06	3859601.99	0.06133	0.0521	0.06386	9.13E-04	3.68E-06	1.66E-03	0.002578	9.33E-04	3.62E-06	1.85E-03	0.002784	8.86E-04	4.60E-06	3.55E-03	4.44E-03
2099	495361.06	3859601.99	0.06093	0.05184	0.06345	9.07E-04	3.66E-06	1.65E-03	0.002561	9.27E-04	3.60E-06	1.84E-03	0.002766	8.80E-04	4.57E-06	3.53E-03	4.41E-03
2100	495411.06	3859601.99	0.06068	0.0517	0.0632	9.03E-04	3.65E-06	1.64E-03	0.002551	9.23E-04	3.59E-06	1.83E-03	0.002755	8.77E-04	4.56E-06	3.51E-03	4.39E-03
2101	495461.06	3859601.99	0.05988	0.05111	0.0624	8.91E-04	3.61E-06	1.62E-03	0.002518	9.11E-04	3.55E-06	1.81E-03	0.00272	8.65E-04	4.51E-06	3.47E-03	4.34E-03
2102	495511.06	3859601.99	0.05917	0.05058	0.06168	8.81E-04	3.57E-06	1.60E-03	0.002489	9.00E-04	3.52E-06	1.78E-03	0.002688	8.55E-04	4.46E-06	3.43E-03	4.29E-03
2103	495561.06	3859601.99	0.05906	0.05054	0.06156	8.79E-04	3.57E-06	1.60E-03	0.002484	8.98E-04	3.51E-06	1.78E-03	0.002683	8.53E-04	4.46E-06	3.42E-03	4.28E-03
2104	495611.06	3859601.99	0.05823	0.0499	0.06072	8.67E-04	3.52E-06	1.58E-03	0.00245	8.86E-04	3.47E-06	1.76E-03	0.002646	8.41E-04	4.40E-06	3.37E-03	4.22E-03
2105	495661.06	3859601.99	0.05798	0.04975	0.06046	8.63E-04	3.51E-06	1.57E-03	0.002439	8.82E-04	3.46E-06	1.75E-03	0.002635	8.38E-04	4.39E-06	3.36E-03	4.20E-03
2106	494311.06	3859651.99	0.07073	0.05796	0.07288	1.05E-03	4.09E-06	1.90E-03	0.002953	1.08E-03	4.03E-06	2.11E-03	0.003189	1.02E-03	5.11E-06	4.05E-03	5.08E-03
2107	494361.06	3859651.99	0.06941	0.05701	0.07168	1.03E-03	4.03E-06	1.86E-03	0.002902	1.06E-03	3.96E-06	2.07E-03	0.003134	1.00E-03	5.03E-06	3.98E-03	4.99E-03
2108	494411.06	3859651.99	0.0689	0.05665	0.0712	1.03E-03	4.00E-06	1.85E-03	0.002882	1.05E-03	3.94E-06	2.06E-03	0.003112	9.96E-04	5.00E-06	3.96E-03	4.96E-03
2109	494461.06	3859651.99	0.06896	0.0567	0.07121	1.03E-03	4.00E-06	1.85E-03	0.002883	1.05E-03	3.94E-06	2.06E-03	0.003113	9.96E-04	5.00E-06	3.96E-03	4.96E-03
2110	494511.06	3859651.99	0.06839	0.05631	0.07067	1.02E-03	3.98E-06	1.84E-03	0.00286	1.04E-03	3.91E-06	2.05E-03	0.003089	9.88E-04	4.97E-06	3.93E-03	4.92E-03
2111	494561.06	3859651.99	0.06804	0.05609	0.07034	1.01E-03	3.96E-06	1.83E-03	0.002847	1.03E-03	3.90E-06	2.04E-03	0.003074	9.83E-04	4.95E-06	3.91E-03	4.90E-03

2112	494611.06	3859651.99	0.06766	0.05585	0.06996	1.01E-03	3.94E-06	1.82E-03	0.002831	1.03E-03	3.88E-06	2.02E-03	0.003057	9.78E-04	4.93E-06	3.89E-03	4.87E-03
2113	494661.06	3859651.99	0.06639	0.05499	0.06882	9.88E-04	3.88E-06	1.79E-03	0.002782	1.01E-03	3.82E-06	1.99E-03	0.003005	9.59E-04	4.85E-06	3.82E-03	4.79E-03
2114	494711.06	3859651.99	0.06606	0.05479	0.06849	9.83E-04	3.87E-06	1.78E-03	0.002769	1.00E-03	3.81E-06	1.98E-03	0.00299	9.55E-04	4.83E-06	3.81E-03	4.77E-03
2115	494761.06	3859651.99	0.06586	0.05466	0.06824	9.80E-04	3.86E-06	1.78E-03	0.002759	1.00E-03	3.80E-06	1.97E-03	0.00298	9.52E-04	4.82E-06	3.79E-03	4.75E-03
2116	494811.06	3859651.99	0.06513	0.05418	0.06754	9.69E-04	3.83E-06	1.76E-03	0.00273	9.91E-04	3.77E-06	1.95E-03	0.002949	9.41E-04	4.78E-06	3.75E-03	4.70E-03
2117	494861.06	3859651.99	0.06481	0.05399	0.06721	9.65E-04	3.81E-06	1.75E-03	0.002717	9.86E-04	3.75E-06	1.94E-03	0.002934	9.37E-04	4.76E-06	3.73E-03	4.68E-03
2118	494911.06	3859651.99	0.06429	0.05366	0.0667	9.57E-04	3.79E-06	1.74E-03	0.002696	9.78E-04	3.73E-06	1.93E-03	0.002912	9.29E-04	4.73E-06	3.71E-03	4.64E-03
2119	494961.06	3859651.99	0.06391	0.05344	0.06633	9.51E-04	3.77E-06	1.73E-03	0.002681	9.72E-04	3.71E-06	1.92E-03	0.002895	9.24E-04	4.72E-06	3.69E-03	4.61E-03
2120	495011.06	3859651.99	0.06345	0.05315	0.06587	9.44E-04	3.75E-06	1.71E-03	0.002662	9.65E-04	3.69E-06	1.91E-03	0.002875	9.17E-04	4.69E-06	3.66E-03	4.58E-03
2121	495061.06	3859651.99	0.06318	0.05301	0.0656	9.40E-04	3.74E-06	1.71E-03	0.002651	9.61E-04	3.68E-06	1.90E-03	0.002863	9.13E-04	4.68E-06	3.65E-03	4.56E-03
2122	495111.06	3859651.99	0.06265	0.05267	0.06508	9.33E-04	3.72E-06	1.69E-03	0.002629	9.53E-04	3.66E-06	1.88E-03	0.00284	9.05E-04	4.65E-06	3.62E-03	4.53E-03
2123	495161.06	3859651.99	0.06229	0.05246	0.06472	9.27E-04	3.70E-06	1.68E-03	0.002615	9.47E-04	3.65E-06	1.87E-03	0.002824	9.00E-04	4.63E-06	3.60E-03	4.50E-03
2124	495211.06	3859651.99	0.06203	0.05232	0.06446	9.23E-04	3.69E-06	1.68E-03	0.002604	9.43E-04	3.64E-06	1.87E-03	0.002812	8.96E-04	4.62E-06	3.58E-03	4.48E-03
2125	495261.06	3859651.99	0.06165	0.05208	0.06408	9.18E-04	3.68E-06	1.67E-03	0.002588	9.38E-04	3.62E-06	1.85E-03	0.002796	8.91E-04	4.60E-06	3.56E-03	4.46E-03
2126	495311.06	3859651.99	0.06134	0.0519	0.06376	9.13E-04	3.66E-06	1.66E-03	0.002575	9.33E-04	3.61E-06	1.85E-03	0.002782	8.86E-04	4.58E-06	3.54E-03	4.43E-03
2127	495361.06	3859651.99	0.06106	0.05175	0.06349	9.09E-04	3.65E-06	1.65E-03	0.002564	9.29E-04	3.60E-06	1.84E-03	0.002769	8.82E-04	4.57E-06	3.53E-03	4.41E-03
2128	495411.06	3859651.99	0.06068	0.0515	0.06311	9.03E-04	3.64E-06	1.64E-03	0.002549	9.23E-04	3.58E-06	1.83E-03	0.002753	8.77E-04	4.54E-06	3.51E-03	4.39E-03
2129	495461.06	3859651.99	0.05995	0.05098	0.06239	8.92E-04	3.60E-06	1.62E-03	0.002519	9.12E-04	3.54E-06	1.81E-03	0.002721	8.66E-04	4.50E-06	3.47E-03	4.34E-03
2130	495511.06	3859651.99	0.05932	0.05053	0.06176	8.83E-04	3.57E-06	1.61E-03	0.002493	9.02E-04	3.51E-06	1.79E-03	0.002693	8.57E-04	4.46E-06	3.43E-03	4.29E-03
2131	495561.06	3859651.99	0.05904	0.05036	0.06148	8.79E-04	3.56E-06	1.60E-03	0.002482	8.98E-04	3.50E-06	1.78E-03	0.00268	8.53E-04	4.44E-06	3.42E-03	4.27E-03
2132	495611.06	3859651.99	0.0586	0.05005	0.06103	8.72E-04	3.53E-06	1.59E-03	0.002464	8.91E-04	3.48E-06	1.77E-03	0.002661	8.47E-04	4.42E-06	3.39E-03	4.24E-03
2133	495661.06	3859651.99	0.05809	0.04969	0.06052	8.65E-04	3.51E-06	1.57E-03	0.002443	8.83E-04	3.45E-06	1.75E-03	0.002638	8.39E-04	4.38E-06	3.36E-03	4.21E-03
2134	494311.06	3859701.99	0.06901	0.05677	0.07116	1.03E-03	4.01E-06	1.85E-03	0.002882	1.05E-03	3.95E-06	2.06E-03	0.003113	9.97E-04	5.01E-06	3.95E-03	4.96E-03
2135	494361.06	3859701.99	0.06842	0.05631	0.07059	1.02E-03	3.98E-06	1.84E-03	0.002859	1.04E-03	3.91E-06	2.04E-03	0.003087	9.89E-04	4.97E-06	3.92E-03	4.92E-03
2136	494411.06	3859701.99	0.06818	0.05611	0.07033	1.01E-03	3.96E-06	1.83E-03	0.002849	1.04E-03	3.90E-06	2.04E-03	0.003076	9.85E-04	4.95E-06	3.91E-03	4.90E-03
2137	494461.06	3859701.99	0.06841	0.05626	0.0705	1.02E-03	3.97E-06	1.83E-03	0.002856	1.04E-03	3.91E-06	2.04E-03	0.003084	9.89E-04	4.96E-06	3.92E-03	4.91E-03
2138	494511.06	3859701.99	0.06795	0.05594	0.07007	1.01E-03	3.95E-06	1.82E-03	0.002838	1.03E-03	3.89E-06	2.03E-03	0.003065	9.82E-04	4.94E-06	3.89E-03	4.88E-03
2139	494561.06	3859701.99	0.06766	0.05573	0.06977	1.01E-03	3.93E-06	1.82E-03	0.002826	1.03E-03	3.87E-06	2.02E-03	0.003052	9.78E-04	4.92E-06	3.88E-03	4.86E-03
2140	494611.06	3859701.99	0.06732	0.05549	0.06944	1.00E-03	3.92E-06	1.81E-03	0.002813	1.02E-03	3.86E-06	2.01E-03	0.003037	9.73E-04	4.90E-06	3.86E-03	4.84E-03
2141	494661.06	3859701.99	0.06603	0.05458	0.06826	9.83E-04	3.85E-06	1.78E-03	0.002763	1.00E-03	3.79E-06	1.98E-03	0.002983	9.54E-04	4.82E-06	3.79E-03	4.75E-03
2142	494711.06	3859701.99	0.06594	0.05455	0.06816	9.82E-04	3.85E-06	1.77E-03	0.002759	1.00E-03	3.79E-06	1.97E-03	0.002979	9.53E-04	4.81E-06	3.79E-03	4.75E-03
2143	494761.06	3859701.99	0.06535	0.05415	0.0676	9.73E-04	3.82E-06	1.76E-03	0.002735	9.94E-04	3.76E-06	1.96E-03	0.002954	9.44E-04	4.78E-06	3.76E-03	4.71E-03
2144	494811.06	3859701.99	0.06474	0.05373	0.06701	9.64E-04	3.79E-06	1.74E-03	0.002711	9.85E-04	3.73E-06	1.94E-03	0.002927	9.36E-04	4.74E-06	3.72E-03	4.66E-03
2145	494861.06	3859701.99	0.06471	0.05376	0.06697	9.63E-04	3.80E-06	1.74E-03	0.002709	9.84E-04	3.74E-06	1.94E-03	0.002926	9.35E-04	4.74E-06	3.72E-03	4.66E-03
2146	494911.06	3859701.99	0.06422	0.05344	0.06649	9.56E-04	3.77E-06	1.73E-03	0.002689	9.77E-04	3.71E-06	1.92E-03	0.002904	9.28E-04	4.72E-06	3.69E-03	4.63E-03
2147	494961.06	3859701.99	0.06374	0.05313	0.06603	9.49E-04	3.75E-06	1.72E-03	0.00267	9.69E-04	3.69E-06	1.91E-03	0.002884	9.21E-04	4.69E-06	3.67E-03	4.59E-03
2148	495011.06	3859701.99	0.06349	0.053	0.06578	9.45E-04	3.74E-06	1.71E-03	0.00266	9.66E-04	3.68E-06	1.90E-03	0.002873	9.17E-04	4.68E-06	3.66E-03	4.58E-03
2149	495061.06	3859701.99	0.06311	0.05276	0.06539	9.39E-04	3.73E-06	1.70E-03	0.002644	9.60E-04	3.67E-06	1.89E-03	0.002856	9.12E-04	4.66E-06	3.63E-03	4.55E-03
2150	495111.06	3859701.99	0.06271	0.05252	0.06501	9.33E-04	3.71E-06	1.69E-03	0.002628	9.54E-04	3.65E-06	1.88E-03	0.002839	9.06E-04	4.63E-06	3.61E-03	4.52E-03
2151	495161.06	3859701.99	0.06226	0.05223	0.06456	9.27E-04	3.69E-06	1.68E-03	0.00261	9.47E-04	3.63E-06	1.87E-03	0.002819	9.00E-04	4.61E-06	3.59E-03	4.49E-03
2152	495211.06	3859701.99	0.06178	0.05193	0.06409	9.20E-04	3.67E-06	1.67E-03	0.002591	9.40E-04	3.61E-06	1.85E-03	0.002798	8.93E-04	4.58E-06	3.56E-03	4.46E-03
2153	495261.06	3859701.99	0.06169	0.05192	0.064	9.18E-04	3.67E-06	1.67E-03	0.002587	9.38E-04	3.61E-06	1.85E-03	0.002794	8.91E-04	4.58E-06	3.56E-03	4.45E-03
2154	495311.06	3859701.99	0.06126	0.05164	0.06357	9.12E-04	3.65E-06	1.65E-03	0.002569	9.32E-04	3.59E-06	1.84E-03	0.002775	8.85E-04	4.56E-06	3.53E-03	4.42E-03
2155	495361.06	3859701.99	0.06085	0.05139	0.06318	9.06E-04	3.63E-06	1.64E-03	0.002553	9.25E-04	3.57E-06	1.83E-03	0.002757	8.79E-04	4.53E-06	3.51E-03	4.39E-03
2156	495411.06	3859701.99	0.06029	0.051	0.06262	8.97E-04	3.60E-06	1.63E-03	0.00253	9.17E-04	3.54E-06	1.81E-03	0.002733	8.71E-04	4.50E-06	3.48E-03	4.36E-03
2157	495461.06	3859701.99	0.05985	0.05072	0.06219	8.91E-04	3.58E-06	1.62E-03	0.002512	9.10E-04	3.53E-06	1.80E-03	0.002713	8.65E-04	4.48E-06	3.46E-03	4.32E-03
2158	495511.06	3859701.99	0.059	0.0501	0.06135	8.78E-04	3.54E-06	1.60E-03	0.002478	8.97E-04	3.48E-06	1.78E-03	0.002676	8.53E-04	4.42E-06	3.41E-03	4.27E-03

2159	495561.06	3859701.99	0.05903	0.05018	0.06138	8.79E-04	3.54E-06	1.60E-03	0.002479	8.98E-04	3.49E-06	1.78E-03	0.002677	8.53E-04	4.43E-06	3.41E-03	4.27E-03
2160	495611.06	3859701.99	0.05864	0.04992	0.06098	8.73E-04	3.52E-06	1.59E-03	0.002463	8.92E-04	3.47E-06	1.76E-03	0.00266	8.47E-04	4.40E-06	3.39E-03	4.24E-03
2161	495661.06	3859701.99	0.05819	0.04961	0.06054	8.66E-04	3.50E-06	1.58E-03	0.002445	8.85E-04	3.45E-06	1.75E-03	0.00264	8.41E-04	4.38E-06	3.36E-03	4.21E-03
2162	494311.06	3859751.99	0.06857	0.05649	0.0705	1.02E-03	3.99E-06	1.83E-03	0.002859	1.04E-03	3.93E-06	2.04E-03	0.003087	9.91E-04	4.98E-06	3.92E-03	4.91E-03
2163	494361.06	3859751.99	0.06814	0.05614	0.07009	1.01E-03	3.96E-06	1.82E-03	0.002842	1.04E-03	3.90E-06	2.03E-03	0.003068	9.85E-04	4.95E-06	3.89E-03	4.88E-03
2164	494411.06	3859751.99	0.06759	0.05572	0.06959	1.01E-03	3.93E-06	1.81E-03	0.00282	1.03E-03	3.87E-06	2.01E-03	0.003046	9.77E-04	4.92E-06	3.87E-03	4.85E-03
2165	494461.06	3859751.99	0.06766	0.05574	0.06961	1.01E-03	3.94E-06	1.81E-03	0.002822	1.03E-03	3.87E-06	2.01E-03	0.003047	9.78E-04	4.92E-06	3.87E-03	4.85E-03
2166	494511.06	3859751.99	0.06754	0.05562	0.06947	1.01E-03	3.93E-06	1.81E-03	0.002817	1.03E-03	3.87E-06	2.01E-03	0.003041	9.76E-04	4.91E-06	3.86E-03	4.84E-03
2167	494561.06	3859751.99	0.06713	0.05532	0.06908	9.99E-04	3.91E-06	1.80E-03	0.0028	1.02E-03	3.84E-06	2.00E-03	0.003024	9.70E-04	4.88E-06	3.84E-03	4.81E-03
2168	494611.06	3859751.99	0.06659	0.05492	0.06858	9.91E-04	3.88E-06	1.78E-03	0.002779	1.01E-03	3.82E-06	1.98E-03	0.003001	9.62E-04	4.85E-06	3.81E-03	4.78E-03
2169	494661.06	3859751.99	0.06568	0.0543	0.06779	9.78E-04	3.83E-06	1.76E-03	0.002745	9.99E-04	3.77E-06	1.96E-03	0.002964	9.49E-04	4.79E-06	3.77E-03	4.72E-03
2170	494711.06	3859751.99	0.0656	0.05422	0.06765	9.76E-04	3.83E-06	1.76E-03	0.00274	9.98E-04	3.77E-06	1.96E-03	0.002959	9.48E-04	4.78E-06	3.76E-03	4.71E-03
2171	494761.06	3859751.99	0.06532	0.05403	0.06737	9.72E-04	3.81E-06	1.75E-03	0.002729	9.93E-04	3.76E-06	1.95E-03	0.002947	9.44E-04	4.77E-06	3.74E-03	4.69E-03
2172	494811.06	3859751.99	0.06482	0.05368	0.0669	9.65E-04	3.79E-06	1.74E-03	0.002709	9.86E-04	3.73E-06	1.94E-03	0.002925	9.37E-04	4.74E-06	3.72E-03	4.66E-03
2173	494861.06	3859751.99	0.06447	0.05346	0.06657	9.60E-04	3.77E-06	1.73E-03	0.002695	9.81E-04	3.72E-06	1.93E-03	0.002911	9.32E-04	4.72E-06	3.70E-03	4.64E-03
2174	494911.06	3859751.99	0.06412	0.05323	0.06622	9.54E-04	3.76E-06	1.72E-03	0.002681	9.75E-04	3.70E-06	1.92E-03	0.002895	9.27E-04	4.70E-06	3.68E-03	4.61E-03
2175	494961.06	3859751.99	0.06376	0.053	0.06588	9.49E-04	3.74E-06	1.71E-03	0.002667	9.70E-04	3.68E-06	1.91E-03	0.00288	9.21E-04	4.68E-06	3.66E-03	4.59E-03
2176	495011.06	3859751.99	0.06336	0.05275	0.06549	9.43E-04	3.72E-06	1.70E-03	0.002651	9.64E-04	3.67E-06	1.90E-03	0.002862	9.16E-04	4.65E-06	3.64E-03	4.56E-03
2177	495061.06	3859751.99	0.06311	0.0526	0.06524	9.39E-04	3.71E-06	1.70E-03	0.00264	9.60E-04	3.66E-06	1.89E-03	0.002851	9.12E-04	4.64E-06	3.63E-03	4.54E-03
2178	495111.06	3859751.99	0.06272	0.05236	0.06486	9.34E-04	3.70E-06	1.69E-03	0.002625	9.54E-04	3.64E-06	1.88E-03	0.002834	9.06E-04	4.62E-06	3.60E-03	4.51E-03
2179	495161.06	3859751.99	0.06228	0.05207	0.06444	9.27E-04	3.68E-06	1.68E-03	0.002607	9.47E-04	3.62E-06	1.86E-03	0.002816	9.00E-04	4.59E-06	3.58E-03	4.49E-03
2180	495211.06	3859751.99	0.06181	0.05178	0.06399	9.20E-04	3.66E-06	1.66E-03	0.002588	9.40E-04	3.60E-06	1.85E-03	0.002795	8.93E-04	4.57E-06	3.56E-03	4.45E-03
2181	495261.06	3859751.99	0.06153	0.05161	0.06371	9.16E-04	3.64E-06	1.66E-03	0.002577	9.36E-04	3.59E-06	1.84E-03	0.002783	8.89E-04	4.55E-06	3.54E-03	4.43E-03
2182	495311.06	3859751.99	0.06112	0.05136	0.06331	9.10E-04	3.63E-06	1.65E-03	0.00256	9.30E-04	3.57E-06	1.83E-03	0.002765	8.83E-04	4.53E-06	3.52E-03	4.41E-03
2183	495361.06	3859751.99	0.06075	0.05113	0.06295	9.04E-04	3.61E-06	1.64E-03	0.002546	9.24E-04	3.55E-06	1.82E-03	0.002749	8.78E-04	4.51E-06	3.50E-03	4.38E-03
2184	495411.06	3859751.99	0.06039	0.0509	0.06259	8.99E-04	3.59E-06	1.63E-03	0.002531	9.18E-04	3.54E-06	1.81E-03	0.002733	8.73E-04	4.49E-06	3.48E-03	4.36E-03
2185	495461.06	3859751.99	0.05983	0.05052	0.06205	8.91E-04	3.57E-06	1.61E-03	0.002508	9.10E-04	3.51E-06	1.80E-03	0.002709	8.65E-04	4.46E-06	3.45E-03	4.32E-03
2186	495511.06	3859751.99	0.05926	0.05013	0.0615	8.82E-04	3.54E-06	1.60E-03	0.002486	9.01E-04	3.48E-06	1.78E-03	0.002684	8.56E-04	4.42E-06	3.42E-03	4.28E-03
2187	495561.06	3859751.99	0.05888	0.04989	0.06113	8.76E-04	3.52E-06	1.59E-03	0.00247	8.95E-04	3.47E-06	1.77E-03	0.002668	8.51E-04	4.40E-06	3.40E-03	4.25E-03
2188	495611.06	3859751.99	0.05851	0.04965	0.06076	8.71E-04	3.51E-06	1.58E-03	0.002455	8.90E-04	3.45E-06	1.76E-03	0.002652	8.45E-04	4.38E-06	3.38E-03	4.23E-03
2189	495661.06	3859751.99	0.05825	0.04949	0.0605	8.67E-04	3.49E-06	1.57E-03	0.002444	8.86E-04	3.44E-06	1.75E-03	0.00264	8.42E-04	4.37E-06	3.36E-03	4.21E-03
2190	494311.06	3859801.99	0.06806	0.0562	0.06982	1.01E-03	3.97E-06	1.82E-03	0.002833	1.04E-03	3.91E-06	2.02E-03	0.003059	9.83E-04	4.96E-06	3.88E-03	4.87E-03
2191	494361.06	3859801.99	0.06748	0.05574	0.06928	1.00E-03	3.94E-06	1.80E-03	0.002811	1.03E-03	3.87E-06	2.00E-03	0.003035	9.75E-04	4.92E-06	3.85E-03	4.83E-03
2192	494411.06	3859801.99	0.06685	0.05525	0.06871	9.95E-04	3.90E-06	1.79E-03	0.002787	1.02E-03	3.84E-06	1.99E-03	0.003009	9.66E-04	4.87E-06	3.82E-03	4.79E-03
2193	494461.06	3859801.99	0.06686	0.05521	0.06868	9.95E-04	3.90E-06	1.79E-03	0.002786	1.02E-03	3.84E-06	1.99E-03	0.003008	9.66E-04	4.87E-06	3.82E-03	4.79E-03
2194	494511.06	3859801.99	0.0669	0.0552	0.06868	9.96E-04	3.90E-06	1.79E-03	0.002786	1.02E-03	3.84E-06	1.99E-03	0.003009	9.67E-04	4.87E-06	3.82E-03	4.79E-03
2195	494561.06	3859801.99	0.06654	0.05491	0.06833	9.90E-04	3.88E-06	1.78E-03	0.002772	1.01E-03	3.82E-06	1.98E-03	0.002993	9.62E-04	4.84E-06	3.80E-03	4.76E-03
2196	494611.06	3859801.99	0.06579	0.05436	0.06766	9.79E-04	3.84E-06	1.76E-03	0.002743	1.00E-03	3.78E-06	1.96E-03	0.002962	9.51E-04	4.80E-06	3.76E-03	4.72E-03
2197	494661.06	3859801.99	0.06536	0.05403	0.06725	9.73E-04	3.81E-06	1.75E-03	0.002726	9.94E-04	3.76E-06	1.95E-03	0.002944	9.44E-04	4.77E-06	3.74E-03	4.69E-03
2198	494711.06	3859801.99	0.06482	0.05363	0.06675	9.65E-04	3.79E-06	1.74E-03	0.002705	9.86E-04	3.73E-06	1.93E-03	0.002921	9.37E-04	4.73E-06	3.71E-03	4.65E-03
2199	494761.06	3859801.99	0.06487	0.05366	0.06676	9.66E-04	3.79E-06	1.74E-03	0.002706	9.87E-04	3.73E-06	1.93E-03	0.002922	9.37E-04	4.73E-06	3.71E-03	4.65E-03
2200	494811.06	3859801.99	0.06445	0.05336	0.06636	9.59E-04	3.77E-06	1.73E-03	0.00269	9.80E-04	3.71E-06	1.92E-03	0.002904	9.31E-04	4.71E-06	3.69E-03	4.62E-03
2201	494861.06	3859801.99	0.06417	0.05316	0.06609	9.55E-04	3.75E-06	1.72E-03	0.002678	9.76E-04	3.69E-06	1.91E-03	0.002892	9.27E-04	4.69E-06	3.67E-03	4.60E-03
2202	494911.06	3859801.99	0.06369	0.05283	0.06565	9.48E-04	3.73E-06	1.71E-03	0.00266	9.69E-04	3.67E-06	1.90E-03	0.002872	9.20E-04	4.66E-06	3.65E-03	4.57E-03
2203	494961.06	3859801.99	0.06336	0.05261	0.06532	9.43E-04	3.71E-06	1.70E-03	0.002646	9.64E-04	3.66E-06	1.89E-03	0.002857	9.16E-04	4.64E-06	3.63E-03	4.55E-03
2204	495011.06	3859801.99	0.06299	0.05236	0.06498	9.38E-04	3.70E-06	1.69E-03	0.002632	9.58E-04	3.64E-06	1.88E-03	0.002842	9.10E-04	4.62E-06	3.61E-03	4.53E-03
2205	495061.06	3859801.99	0.06271	0.05218	0.0647	9.33E-04	3.68E-06	1.68E-03	0.00262	9.54E-04	3.63E-06	1.87E-03	0.00283	9.06E-04	4.60E-06	3.60E-03	4.51E-03

2206	495111.06	3859801.99	0.06227	0.05189	0.06428	9.27E-04	3.66E-06	1.67E-03	0.002603	9.47E-04	3.61E-06	1.86E-03	0.002811	9.00E-04	4.58E-06	3.57E-03	4.48E-03
2207	495161.06	3859801.99	0.06186	0.05163	0.06389	9.21E-04	3.65E-06	1.66E-03	0.002587	9.41E-04	3.59E-06	1.85E-03	0.002793	8.94E-04	4.56E-06	3.55E-03	4.45E-03
2208	495211.06	3859801.99	0.06157	0.05145	0.06361	9.16E-04	3.63E-06	1.65E-03	0.002575	9.36E-04	3.58E-06	1.84E-03	0.002781	8.90E-04	4.54E-06	3.53E-03	4.43E-03
2209	495261.06	3859801.99	0.06114	0.05117	0.0632	9.10E-04	3.61E-06	1.64E-03	0.002558	9.30E-04	3.56E-06	1.83E-03	0.002762	8.83E-04	4.51E-06	3.51E-03	4.40E-03
2210	495311.06	3859801.99	0.06088	0.05102	0.06294	9.06E-04	3.60E-06	1.64E-03	0.002547	9.26E-04	3.55E-06	1.82E-03	0.002751	8.80E-04	4.50E-06	3.50E-03	4.38E-03
2211	495361.06	3859801.99	0.06049	0.05077	0.06257	9.00E-04	3.58E-06	1.63E-03	0.002532	9.20E-04	3.53E-06	1.81E-03	0.002734	8.74E-04	4.48E-06	3.48E-03	4.36E-03
2212	495411.06	3859801.99	0.06003	0.05047	0.06212	8.94E-04	3.56E-06	1.62E-03	0.002513	9.13E-04	3.51E-06	1.80E-03	0.002714	8.67E-04	4.45E-06	3.45E-03	4.32E-03
2213	495461.06	3859801.99	0.05966	0.05024	0.06177	8.88E-04	3.55E-06	1.61E-03	0.002499	9.07E-04	3.49E-06	1.79E-03	0.002698	8.62E-04	4.43E-06	3.43E-03	4.30E-03
2214	495511.06	3859801.99	0.0591	0.04985	0.06122	8.80E-04	3.52E-06	1.59E-03	0.002476	8.99E-04	3.46E-06	1.77E-03	0.002674	8.54E-04	4.40E-06	3.40E-03	4.26E-03
2215	495561.06	3859801.99	0.05879	0.04966	0.06092	8.75E-04	3.51E-06	1.58E-03	0.002463	8.94E-04	3.45E-06	1.76E-03	0.00266	8.50E-04	4.38E-06	3.39E-03	4.24E-03
2216	495611.06	3859801.99	0.05866	0.0496	0.06078	8.73E-04	3.50E-06	1.58E-03	0.002458	8.92E-04	3.45E-06	1.76E-03	0.002654	8.48E-04	4.38E-06	3.38E-03	4.23E-03
2217	495661.06	3859801.99	0.05815	0.04925	0.06029	8.66E-04	3.48E-06	1.57E-03	0.002438	8.84E-04	3.42E-06	1.74E-03	0.002632	8.40E-04	4.35E-06	3.35E-03	4.19E-03
2218	494311.06	3859851.99	0.06725	0.05571	0.06889	1.00E-03	3.93E-06	1.79E-03	0.002797	1.02E-03	3.87E-06	1.99E-03	0.00302	9.72E-04	4.92E-06	3.83E-03	4.80E-03
2219	494361.06	3859851.99	0.06682	0.05535	0.06848	9.95E-04	3.91E-06	1.78E-03	0.00278	1.02E-03	3.85E-06	1.98E-03	0.003002	9.66E-04	4.88E-06	3.81E-03	4.78E-03
2220	494411.06	3859851.99	0.06632	0.05495	0.06802	9.87E-04	3.88E-06	1.77E-03	0.002761	1.01E-03	3.82E-06	1.97E-03	0.002981	9.58E-04	4.85E-06	3.78E-03	4.74E-03
2221	494461.06	3859851.99	0.06594	0.05463	0.06766	9.82E-04	3.86E-06	1.76E-03	0.002746	1.00E-03	3.80E-06	1.96E-03	0.002965	9.53E-04	4.82E-06	3.76E-03	4.72E-03
2222	494511.06	3859851.99	0.06583	0.0545	0.06753	9.80E-04	3.85E-06	1.76E-03	0.002741	1.00E-03	3.79E-06	1.95E-03	0.002959	9.51E-04	4.81E-06	3.75E-03	4.71E-03
2223	494561.06	3859851.99	0.06578	0.05442	0.06745	9.79E-04	3.84E-06	1.75E-03	0.002738	1.00E-03	3.78E-06	1.95E-03	0.002956	9.51E-04	4.80E-06	3.75E-03	4.70E-03
2224	494611.06	3859851.99	0.06504	0.05386	0.06679	9.68E-04	3.80E-06	1.74E-03	0.00271	9.89E-04	3.74E-06	1.93E-03	0.002926	9.40E-04	4.75E-06	3.71E-03	4.66E-03
2225	494661.06	3859851.99	0.06488	0.05371	0.06661	9.66E-04	3.79E-06	1.73E-03	0.002702	9.87E-04	3.73E-06	1.93E-03	0.002918	9.38E-04	4.74E-06	3.70E-03	4.64E-03
2226	494711.06	3859851.99	0.06431	0.05328	0.06609	9.57E-04	3.76E-06	1.72E-03	0.00268	9.78E-04	3.70E-06	1.91E-03	0.002894	9.29E-04	4.70E-06	3.67E-03	4.61E-03
2227	494761.06	3859851.99	0.06428	0.05324	0.06603	9.57E-04	3.76E-06	1.72E-03	0.002678	9.78E-04	3.70E-06	1.91E-03	0.002892	9.29E-04	4.70E-06	3.67E-03	4.60E-03
2228	494811.06	3859851.99	0.06392	0.05296	0.06569	9.51E-04	3.74E-06	1.71E-03	0.002664	9.72E-04	3.68E-06	1.90E-03	0.002877	9.24E-04	4.67E-06	3.65E-03	4.58E-03
2229	494861.06	3859851.99	0.06369	0.05279	0.06546	9.48E-04	3.73E-06	1.70E-03	0.002655	9.69E-04	3.67E-06	1.89E-03	0.002867	9.20E-04	4.66E-06	3.64E-03	4.56E-03
2230	494911.06	3859851.99	0.06327	0.05248	0.06507	9.42E-04	3.71E-06	1.69E-03	0.002638	9.62E-04	3.65E-06	1.88E-03	0.002849	9.14E-04	4.63E-06	3.62E-03	4.53E-03
2231	494961.06	3859851.99	0.06294	0.05225	0.06476	9.37E-04	3.69E-06	1.68E-03	0.002625	9.57E-04	3.63E-06	1.87E-03	0.002835	9.09E-04	4.61E-06	3.60E-03	4.51E-03
2232	495011.06	3859851.99	0.06261	0.05202	0.06444	9.32E-04	3.67E-06	1.68E-03	0.002612	9.52E-04	3.62E-06	1.86E-03	0.002821	9.05E-04	4.59E-06	3.58E-03	4.49E-03
2233	495061.06	3859851.99	0.06234	0.05184	0.06418	9.28E-04	3.66E-06	1.67E-03	0.002601	9.48E-04	3.60E-06	1.86E-03	0.002809	9.01E-04	4.57E-06	3.57E-03	4.47E-03
2234	495111.06	3859851.99	0.0619	0.05153	0.06376	9.21E-04	3.64E-06	1.66E-03	0.002584	9.41E-04	3.58E-06	1.85E-03	0.00279	8.94E-04	4.55E-06	3.54E-03	4.44E-03
2235	495161.06	3859851.99	0.06154	0.05129	0.06342	9.16E-04	3.62E-06	1.65E-03	0.00257	9.36E-04	3.56E-06	1.84E-03	0.002775	8.89E-04	4.53E-06	3.52E-03	4.42E-03
2236	495211.06	3859851.99	0.0612	0.05107	0.0631	9.11E-04	3.61E-06	1.64E-03	0.002556	9.31E-04	3.55E-06	1.83E-03	0.00276	8.84E-04	4.51E-06	3.51E-03	4.40E-03
2237	495261.06	3859851.99	0.06084	0.05083	0.06275	9.06E-04	3.59E-06	1.63E-03	0.002542	9.25E-04	3.53E-06	1.82E-03	0.002745	8.79E-04	4.48E-06	3.49E-03	4.37E-03
2238	495311.06	3859851.99	0.06056	0.05065	0.06248	9.01E-04	3.58E-06	1.63E-03	0.00253	9.21E-04	3.52E-06	1.81E-03	0.002733	8.75E-04	4.47E-06	3.47E-03	4.35E-03
2239	495361.06	3859851.99	0.06023	0.05044	0.06217	8.97E-04	3.56E-06	1.62E-03	0.002517	9.16E-04	3.51E-06	1.80E-03	0.002719	8.70E-04	4.45E-06	3.45E-03	4.33E-03
2240	495411.06	3859851.99	0.05981	0.05017	0.06177	8.90E-04	3.54E-06	1.61E-03	0.002501	9.10E-04	3.49E-06	1.79E-03	0.002701	8.64E-04	4.43E-06	3.43E-03	4.30E-03
2241	495461.06	3859851.99	0.0594	0.0499	0.06138	8.84E-04	3.52E-06	1.60E-03	0.002485	9.03E-04	3.47E-06	1.78E-03	0.002683	8.58E-04	4.40E-06	3.41E-03	4.27E-03
2242	495511.06	3859851.99	0.05893	0.04958	0.06093	8.77E-04	3.50E-06	1.59E-03	0.002466	8.96E-04	3.45E-06	1.76E-03	0.002663	8.52E-04	4.37E-06	3.39E-03	4.24E-03
2243	495561.06	3859851.99	0.05869	0.04944	0.0607	8.74E-04	3.49E-06	1.58E-03	0.002456	8.93E-04	3.44E-06	1.76E-03	0.002653	8.48E-04	4.36E-06	3.37E-03	4.23E-03
2244	495611.06	3859851.99	0.05843	0.04928	0.06044	8.70E-04	3.48E-06	1.57E-03	0.002446	8.89E-04	3.43E-06	1.75E-03	0.002641	8.44E-04	4.35E-06	3.36E-03	4.21E-03
2245	495661.06	3859851.99	0.05797	0.04897	0.05999	8.63E-04	3.46E-06	1.56E-03	0.002427	8.82E-04	3.40E-06	1.74E-03	0.002621	8.38E-04	4.32E-06	3.33E-03	4.18E-03
2246	494311.06	3859901.99	0.06637	0.05518	0.06792	9.88E-04	3.90E-06	1.77E-03	0.002759	1.01E-03	3.84E-06	1.97E-03	0.002979	9.59E-04	4.87E-06	3.77E-03	4.74E-03
2247	494361.06	3859901.99	0.06578	0.05471	0.06737	9.79E-04	3.86E-06	1.75E-03	0.002736	1.00E-03	3.80E-06	1.95E-03	0.002954	9.51E-04	4.83E-06	3.74E-03	4.70E-03
2248	494411.06	3859901.99	0.06558	0.05451	0.06717	9.76E-04	3.85E-06	1.75E-03	0.002727	9.97E-04	3.79E-06	1.94E-03	0.002945	9.48E-04	4.81E-06	3.73E-03	4.68E-03
2249	494461.06	3859901.99	0.06524	0.05421	0.06684	9.71E-04	3.83E-06	1.74E-03	0.002714	9.92E-04	3.77E-06	1.93E-03	0.00293	9.43E-04	4.78E-06	3.71E-03	4.66E-03
2250	494511.06	3859901.99	0.06502	0.054	0.06662	9.68E-04	3.81E-06	1.73E-03	0.002705	9.89E-04	3.75E-06	1.93E-03	0.00292	9.40E-04	4.76E-06	3.70E-03	4.65E-03
2251	494561.06	3859901.99	0.06503	0.05396	0.0666	9.68E-04	3.81E-06	1.73E-03	0.002704	9.89E-04	3.75E-06	1.93E-03	0.00292	9.40E-04	4.76E-06	3.70E-03	4.65E-03
2252	494611.06	3859901.99	0.06434	0.05342	0.06596	9.58E-04	3.77E-06	1.72E-03	0.002677	9.79E-04	3.71E-06	1.91E-03	0.002891	9.30E-04	4.71E-06	3.67E-03	4.60E-03

2253	494661.06	3859901.99	0.0643	0.05336	0.06591	9.57E-04	3.77E-06	1.71E-03	0.002676	9.78E-04	3.71E-06	1.91E-03	0.002889	9.29E-04	4.71E-06	3.66E-03	4.60E-03
2254	494711.06	3859901.99	0.06361	0.05282	0.06527	9.47E-04	3.73E-06	1.70E-03	0.002649	9.67E-04	3.67E-06	1.89E-03	0.00286	9.19E-04	4.66E-06	3.63E-03	4.55E-03
2255	494761.06	3859901.99	0.06348	0.0527	0.06514	9.45E-04	3.72E-06	1.69E-03	0.002643	9.65E-04	3.66E-06	1.88E-03	0.002854	9.17E-04	4.65E-06	3.62E-03	4.54E-03
2256	494811.06	3859901.99	0.06336	0.05259	0.065	9.43E-04	3.71E-06	1.69E-03	0.002638	9.64E-04	3.66E-06	1.88E-03	0.002848	9.16E-04	4.64E-06	3.61E-03	4.53E-03
2257	494861.06	3859901.99	0.06312	0.0524	0.06477	9.40E-04	3.70E-06	1.69E-03	0.002628	9.60E-04	3.64E-06	1.87E-03	0.002838	9.12E-04	4.62E-06	3.60E-03	4.52E-03
2258	494911.06	3859901.99	0.06272	0.05209	0.06439	9.34E-04	3.68E-06	1.68E-03	0.002612	9.54E-04	3.62E-06	1.86E-03	0.002821	9.06E-04	4.60E-06	3.58E-03	4.49E-03
2259	494961.06	3859901.99	0.06246	0.0519	0.06414	9.30E-04	3.66E-06	1.67E-03	0.002602	9.50E-04	3.61E-06	1.86E-03	0.00281	9.03E-04	4.58E-06	3.56E-03	4.47E-03
2260	495011.06	3859901.99	0.0621	0.05162	0.06379	9.24E-04	3.64E-06	1.66E-03	0.002588	9.44E-04	3.59E-06	1.85E-03	0.002794	8.97E-04	4.55E-06	3.54E-03	4.45E-03
2261	495061.06	3859901.99	0.06177	0.05139	0.06348	9.19E-04	3.63E-06	1.65E-03	0.002575	9.39E-04	3.57E-06	1.84E-03	0.00278	8.93E-04	4.53E-06	3.53E-03	4.42E-03
2262	495111.06	3859901.99	0.06136	0.05109	0.06309	9.13E-04	3.61E-06	1.64E-03	0.002558	9.33E-04	3.55E-06	1.83E-03	0.002762	8.87E-04	4.51E-06	3.51E-03	4.40E-03
2263	495161.06	3859901.99	0.06096	0.05081	0.06273	9.07E-04	3.59E-06	1.63E-03	0.002543	9.27E-04	3.53E-06	1.82E-03	0.002746	8.81E-04	4.48E-06	3.49E-03	4.37E-03
2264	495211.06	3859901.99	0.06074	0.05066	0.06251	9.04E-04	3.58E-06	1.63E-03	0.002534	9.24E-04	3.52E-06	1.81E-03	0.002736	8.78E-04	4.47E-06	3.47E-03	4.36E-03
2265	495261.06	3859901.99	0.06028	0.05034	0.06208	8.97E-04	3.55E-06	1.62E-03	0.002516	9.17E-04	3.50E-06	1.80E-03	0.002717	8.71E-04	4.44E-06	3.45E-03	4.33E-03
2266	495311.06	3859901.99	0.06006	0.0502	0.06186	8.94E-04	3.54E-06	1.61E-03	0.002507	9.13E-04	3.49E-06	1.79E-03	0.002707	8.68E-04	4.43E-06	3.44E-03	4.31E-03
2267	495361.06	3859901.99	0.05971	0.04996	0.06153	8.89E-04	3.53E-06	1.60E-03	0.002493	9.08E-04	3.47E-06	1.78E-03	0.002692	8.63E-04	4.41E-06	3.42E-03	4.29E-03
2268	495411.06	3859901.99	0.0593	0.04969	0.06114	8.83E-04	3.51E-06	1.59E-03	0.002477	9.02E-04	3.45E-06	1.77E-03	0.002675	8.57E-04	4.38E-06	3.40E-03	4.26E-03
2269	495461.06	3859901.99	0.05894	0.04945	0.0608	8.77E-04	3.49E-06	1.58E-03	0.002463	8.96E-04	3.44E-06	1.76E-03	0.002659	8.52E-04	4.36E-06	3.38E-03	4.23E-03
2270	495511.06	3859901.99	0.05869	0.04929	0.06056	8.74E-04	3.48E-06	1.58E-03	0.002453	8.93E-04	3.43E-06	1.75E-03	0.002648	8.48E-04	4.35E-06	3.37E-03	4.22E-03
2271	495561.06	3859901.99	0.05844	0.04913	0.06031	8.70E-04	3.47E-06	1.57E-03	0.002442	8.89E-04	3.41E-06	1.75E-03	0.002637	8.44E-04	4.33E-06	3.35E-03	4.20E-03
2272	495611.06	3859901.99	0.05805	0.04887	0.05994	8.64E-04	3.45E-06	1.56E-03	0.002427	8.83E-04	3.40E-06	1.73E-03	0.002621	8.39E-04	4.31E-06	3.33E-03	4.17E-03
2273	495661.06	3859901.99	0.05762	0.04859	0.05954	8.58E-04	3.43E-06	1.55E-03	0.00241	8.76E-04	3.38E-06	1.72E-03	0.002603	8.33E-04	4.29E-06	3.31E-03	4.15E-03
2274	494311.06	3859951.99	0.06554	0.05465	0.06701	9.76E-04	3.86E-06	1.74E-03	0.002723	9.97E-04	3.80E-06	1.94E-03	0.00294	9.47E-04	4.82E-06	3.72E-03	4.68E-03
2275	494361.06	3859951.99	0.06514	0.05432	0.06663	9.70E-04	3.84E-06	1.73E-03	0.002707	9.91E-04	3.78E-06	1.93E-03	0.002923	9.41E-04	4.79E-06	3.70E-03	4.65E-03
2276	494411.06	3859951.99	0.06477	0.05401	0.06627	9.64E-04	3.81E-06	1.72E-03	0.002692	9.85E-04	3.75E-06	1.92E-03	0.002907	9.36E-04	4.77E-06	3.68E-03	4.62E-03
2277	494461.06	3859951.99	0.06446	0.05373	0.06597	9.59E-04	3.79E-06	1.72E-03	0.00268	9.80E-04	3.73E-06	1.91E-03	0.002893	9.31E-04	4.74E-06	3.67E-03	4.60E-03
2278	494511.06	3859951.99	0.06424	0.05353	0.06575	9.56E-04	3.78E-06	1.71E-03	0.002671	9.77E-04	3.72E-06	1.90E-03	0.002883	9.28E-04	4.72E-06	3.65E-03	4.59E-03
2279	494561.06	3859951.99	0.06428	0.05351	0.06577	9.57E-04	3.78E-06	1.71E-03	0.002672	9.78E-04	3.72E-06	1.90E-03	0.002885	9.29E-04	4.72E-06	3.65E-03	4.59E-03
2280	494611.06	3859951.99	0.06373	0.05306	0.06524	9.49E-04	3.75E-06	1.70E-03	0.00265	9.69E-04	3.69E-06	1.89E-03	0.002861	9.21E-04	4.68E-06	3.63E-03	4.55E-03
2281	494661.06	3859951.99	0.06363	0.05295	0.06513	9.47E-04	3.74E-06	1.69E-03	0.002645	9.68E-04	3.68E-06	1.88E-03	0.002856	9.19E-04	4.67E-06	3.62E-03	4.54E-03
2282	494711.06	3859951.99	0.0631	0.05253	0.06464	9.39E-04	3.71E-06	1.68E-03	0.002625	9.60E-04	3.65E-06	1.87E-03	0.002834	9.12E-04	4.63E-06	3.59E-03	4.51E-03
2283	494761.06	3859951.99	0.06288	0.05234	0.06442	9.36E-04	3.70E-06	1.68E-03	0.002616	9.56E-04	3.64E-06	1.86E-03	0.002824	9.09E-04	4.62E-06	3.58E-03	4.49E-03
2284	494811.06	3859951.99	0.06263	0.05212	0.06417	9.32E-04	3.68E-06	1.67E-03	0.002605	9.53E-04	3.62E-06	1.86E-03	0.002813	9.05E-04	4.60E-06	3.57E-03	4.48E-03
2285	494861.06	3859951.99	0.06246	0.05198	0.06401	9.30E-04	3.67E-06	1.67E-03	0.002599	9.50E-04	3.61E-06	1.85E-03	0.002806	9.03E-04	4.59E-06	3.56E-03	4.46E-03
2286	494911.06	3859951.99	0.06208	0.05167	0.06365	9.24E-04	3.65E-06	1.66E-03	0.002584	9.44E-04	3.59E-06	1.84E-03	0.00279	8.97E-04	4.56E-06	3.54E-03	4.44E-03
2287	494961.06	3859951.99	0.06173	0.05139	0.06331	9.19E-04	3.63E-06	1.65E-03	0.00257	9.39E-04	3.57E-06	1.83E-03	0.002774	8.92E-04	4.53E-06	3.52E-03	4.41E-03
2288	495011.06	3859951.99	0.0614	0.05114	0.063	9.14E-04	3.61E-06	1.64E-03	0.002557	9.34E-04	3.55E-06	1.82E-03	0.00276	8.87E-04	4.51E-06	3.50E-03	4.39E-03
2289	495061.06	3859951.99	0.06113	0.05093	0.06274	9.10E-04	3.60E-06	1.63E-03	0.002546	9.30E-04	3.54E-06	1.82E-03	0.002749	8.83E-04	4.49E-06	3.49E-03	4.37E-03
2290	495111.06	3859951.99	0.06074	0.05064	0.06238	9.04E-04	3.58E-06	1.62E-03	0.002531	9.24E-04	3.52E-06	1.81E-03	0.002732	8.78E-04	4.47E-06	3.47E-03	4.35E-03
2291	495161.06	3859951.99	0.06037	0.05036	0.06202	8.99E-04	3.56E-06	1.61E-03	0.002516	9.18E-04	3.50E-06	1.79E-03	0.002716	8.72E-04	4.44E-06	3.45E-03	4.32E-03
2292	495211.06	3859951.99	0.06	0.05009	0.06168	8.93E-04	3.54E-06	1.60E-03	0.002501	9.13E-04	3.48E-06	1.78E-03	0.002701	8.67E-04	4.42E-06	3.43E-03	4.30E-03
2293	495261.06	3859951.99	0.05969	0.04987	0.06138	8.88E-04	3.52E-06	1.60E-03	0.002489	9.08E-04	3.47E-06	1.78E-03	0.002687	8.63E-04	4.40E-06	3.41E-03	4.28E-03
2294	495311.06	3859951.99	0.05951	0.04974	0.0612	8.86E-04	3.51E-06	1.59E-03	0.002481	9.05E-04	3.46E-06	1.77E-03	0.002679	8.60E-04	4.39E-06	3.40E-03	4.26E-03
2295	495361.06	3859951.99	0.05924	0.04955	0.06093	8.82E-04	3.50E-06	1.59E-03	0.00247	9.01E-04	3.44E-06	1.76E-03	0.002668	8.56E-04	4.37E-06	3.39E-03	4.25E-03
2296	495411.06	3859951.99	0.05886	0.04929	0.06058	8.76E-04	3.48E-06	1.58E-03	0.002456	8.95E-04	3.43E-06	1.75E-03	0.002652	8.51E-04	4.35E-06	3.37E-03	4.22E-03
2297	495461.06	3859951.99	0.05853	0.04907	0.06027	8.71E-04	3.46E-06	1.57E-03	0.002443	8.90E-04	3.41E-06	1.74E-03	0.002638	8.46E-04	4.33E-06	3.35E-03	4.20E-03
2298	495511.06	3859951.99	0.05818	0.04883	0.05994	8.66E-04	3.45E-06	1.56E-03	0.002429	8.85E-04	3.39E-06	1.73E-03	0.002623	8.41E-04	4.31E-06	3.33E-03	4.18E-03
2299	495561.06	3859951.99	0.05803	0.04874	0.05979	8.64E-04	3.44E-06	1.56E-03	0.002423	8.83E-04	3.39E-06	1.73E-03	0.002616	8.39E-04	4.30E-06	3.32E-03	4.17E-03

2300	495611.06	3859951.99	0.05767	0.0485	0.05944	8.58E-04	3.42E-06	1.55E-03	0.002408	8.77E-04	3.37E-06	1.72E-03	0.0026	8.33E-04	4.28E-06	3.30E-03	4.14E-03
2301	495661.06	3859951.99	0.05723	0.0482	0.05904	8.52E-04	3.40E-06	1.54E-03	0.002391	8.70E-04	3.35E-06	1.71E-03	0.002582	8.27E-04	4.25E-06	3.28E-03	4.11E-03
2302	494311.06	3860001.99	0.06464	0.05408	0.06607	9.62E-04	3.82E-06	1.72E-03	0.002685	9.83E-04	3.76E-06	1.91E-03	0.002899	9.34E-04	4.77E-06	3.67E-03	4.61E-03
2303	494361.06	3860001.99	0.06434	0.05381	0.06576	9.58E-04	3.80E-06	1.71E-03	0.002672	9.79E-04	3.74E-06	1.90E-03	0.002885	9.30E-04	4.75E-06	3.65E-03	4.59E-03
2304	494411.06	3860001.99	0.0639	0.05346	0.06535	9.51E-04	3.77E-06	1.70E-03	0.002655	9.72E-04	3.72E-06	1.89E-03	0.002867	9.23E-04	4.72E-06	3.63E-03	4.56E-03
2305	494461.06	3860001.99	0.06367	0.05325	0.06511	9.48E-04	3.76E-06	1.69E-03	0.002645	9.68E-04	3.70E-06	1.88E-03	0.002856	9.20E-04	4.70E-06	3.62E-03	4.54E-03
2306	494511.06	3860001.99	0.06332	0.05295	0.06477	9.43E-04	3.74E-06	1.69E-03	0.002631	9.63E-04	3.68E-06	1.87E-03	0.002841	9.15E-04	4.67E-06	3.60E-03	4.52E-03
2307	494561.06	3860001.99	0.06343	0.05299	0.06487	9.44E-04	3.74E-06	1.69E-03	0.002636	9.65E-04	3.68E-06	1.88E-03	0.002846	9.17E-04	4.68E-06	3.60E-03	4.53E-03
2308	494611.06	3860001.99	0.06307	0.05268	0.06451	9.39E-04	3.72E-06	1.68E-03	0.002621	9.59E-04	3.66E-06	1.87E-03	0.00283	9.11E-04	4.65E-06	3.58E-03	4.50E-03
2309	494661.06	3860001.99	0.06282	0.05246	0.06427	9.35E-04	3.70E-06	1.67E-03	0.002611	9.55E-04	3.65E-06	1.86E-03	0.002819	9.08E-04	4.63E-06	3.57E-03	4.48E-03
2310	494711.06	3860001.99	0.06218	0.05195	0.06366	9.26E-04	3.67E-06	1.66E-03	0.002585	9.46E-04	3.61E-06	1.84E-03	0.002791	8.99E-04	4.58E-06	3.54E-03	4.44E-03
2311	494761.06	3860001.99	0.06215	0.05189	0.06362	9.25E-04	3.66E-06	1.66E-03	0.002584	9.45E-04	3.61E-06	1.84E-03	0.00279	8.98E-04	4.58E-06	3.54E-03	4.44E-03
2312	494811.06	3860001.99	0.06193	0.0517	0.06341	9.22E-04	3.65E-06	1.65E-03	0.002575	9.42E-04	3.59E-06	1.83E-03	0.00278	8.95E-04	4.56E-06	3.52E-03	4.42E-03
2313	494861.06	3860001.99	0.06175	0.05154	0.06323	9.19E-04	3.64E-06	1.64E-03	0.002568	9.39E-04	3.58E-06	1.83E-03	0.002772	8.92E-04	4.55E-06	3.51E-03	4.41E-03
2314	494911.06	3860001.99	0.06116	0.05106	0.06266	9.10E-04	3.61E-06	1.63E-03	0.002544	9.30E-04	3.55E-06	1.81E-03	0.002747	8.84E-04	4.51E-06	3.48E-03	4.37E-03
2315	494961.06	3860001.99	0.06096	0.0509	0.06247	9.07E-04	3.59E-06	1.63E-03	0.002536	9.27E-04	3.54E-06	1.81E-03	0.002738	8.81E-04	4.49E-06	3.47E-03	4.36E-03
2316	495011.06	3860001.99	0.06063	0.05062	0.06215	9.02E-04	3.57E-06	1.62E-03	0.002523	9.22E-04	3.52E-06	1.80E-03	0.002724	8.76E-04	4.47E-06	3.45E-03	4.33E-03
2317	495061.06	3860001.99	0.06045	0.05048	0.06197	9.00E-04	3.56E-06	1.61E-03	0.002516	9.19E-04	3.51E-06	1.79E-03	0.002716	8.74E-04	4.45E-06	3.44E-03	4.32E-03
2318	495111.06	3860001.99	0.0601	0.0502	0.06164	8.95E-04	3.54E-06	1.60E-03	0.002502	9.14E-04	3.49E-06	1.78E-03	0.002701	8.68E-04	4.43E-06	3.43E-03	4.30E-03
2319	495161.06	3860001.99	0.05975	0.04992	0.06131	8.89E-04	3.52E-06	1.60E-03	0.002488	9.09E-04	3.47E-06	1.77E-03	0.002686	8.63E-04	4.40E-06	3.41E-03	4.27E-03
2320	495211.06	3860001.99	0.05956	0.04978	0.06112	8.87E-04	3.51E-06	1.59E-03	0.00248	9.06E-04	3.46E-06	1.77E-03	0.002678	8.61E-04	4.39E-06	3.40E-03	4.26E-03
2321	495261.06	3860001.99	0.05923	0.04953	0.06081	8.82E-04	3.50E-06	1.58E-03	0.002467	9.01E-04	3.44E-06	1.76E-03	0.002664	8.56E-04	4.37E-06	3.38E-03	4.24E-03
2322	495311.06	3860001.99	0.05897	0.04934	0.06056	8.78E-04	3.48E-06	1.58E-03	0.002457	8.97E-04	3.43E-06	1.75E-03	0.002653	8.52E-04	4.35E-06	3.37E-03	4.22E-03
2323	495361.06	3860001.99	0.0585	0.04899	0.06012	8.71E-04	3.46E-06	1.56E-03	0.002438	8.90E-04	3.40E-06	1.74E-03	0.002633	8.45E-04	4.32E-06	3.34E-03	4.19E-03
2324	495411.06	3860001.99	0.05837	0.0489	0.05999	8.69E-04	3.45E-06	1.56E-03	0.002433	8.88E-04	3.40E-06	1.74E-03	0.002627	8.43E-04	4.31E-06	3.33E-03	4.18E-03
2325	495461.06	3860001.99	0.05807	0.04869	0.0597	8.64E-04	3.44E-06	1.55E-03	0.002421	8.83E-04	3.38E-06	1.73E-03	0.002614	8.39E-04	4.30E-06	3.32E-03	4.16E-03
2326	495511.06	3860001.99	0.05778	0.04849	0.05943	8.60E-04	3.42E-06	1.55E-03	0.00241	8.79E-04	3.37E-06	1.72E-03	0.002602	8.35E-04	4.28E-06	3.30E-03	4.14E-03
2327	495561.06	3860001.99	0.05759	0.04836	0.05924	8.57E-04	3.41E-06	1.54E-03	0.002402	8.76E-04	3.36E-06	1.71E-03	0.002593	8.32E-04	4.27E-06	3.29E-03	4.13E-03
2328	495611.06	3860001.99	0.05722	0.0481	0.05889	8.52E-04	3.40E-06	1.53E-03	0.002387	8.70E-04	3.34E-06	1.70E-03	0.002578	8.27E-04	4.24E-06	3.27E-03	4.10E-03
2329	495661.06	3860001.99	0.05686	0.04785	0.05855	8.46E-04	3.38E-06	1.52E-03	0.002373	8.65E-04	3.33E-06	1.69E-03	0.002562	8.22E-04	4.22E-06	3.25E-03	4.08E-03
2330	494411.06	3860051.99	0.0631	0.05295	0.06451	9.39E-04	3.74E-06	1.68E-03	0.002621	9.60E-04	3.68E-06	1.87E-03	0.00283	9.12E-04	4.67E-06	3.58E-03	4.50E-03
2331	494461.06	3860051.99	0.0628	0.05269	0.06421	9.35E-04	3.72E-06	1.67E-03	0.002609	9.55E-04	3.66E-06	1.86E-03	0.002817	9.07E-04	4.65E-06	3.57E-03	4.48E-03
2332	494511.06	3860051.99	0.06252	0.05245	0.06393	9.31E-04	3.70E-06	1.66E-03	0.002597	9.51E-04	3.65E-06	1.85E-03	0.002804	9.03E-04	4.63E-06	3.55E-03	4.46E-03
2333	494561.06	3860051.99	0.06243	0.05235	0.06385	9.29E-04	3.70E-06	1.66E-03	0.002594	9.49E-04	3.64E-06	1.85E-03	0.002801	9.02E-04	4.62E-06	3.55E-03	4.45E-03
2334	494611.06	3860051.99	0.06222	0.05216	0.06365	9.26E-04	3.68E-06	1.66E-03	0.002586	9.46E-04	3.63E-06	1.84E-03	0.002792	8.99E-04	4.60E-06	3.54E-03	4.44E-03
2335	494661.06	3860051.99	0.06199	0.05195	0.06341	9.23E-04	3.67E-06	1.65E-03	0.002576	9.43E-04	3.61E-06	1.83E-03	0.002781	8.96E-04	4.58E-06	3.52E-03	4.42E-03
2336	494711.06	3860051.99	0.06158	0.0516	0.06301	9.17E-04	3.64E-06	1.64E-03	0.00256	9.37E-04	3.59E-06	1.82E-03	0.002763	8.90E-04	4.55E-06	3.50E-03	4.40E-03
2337	494761.06	3860051.99	0.06136	0.05141	0.06279	9.13E-04	3.63E-06	1.63E-03	0.00255	9.33E-04	3.57E-06	1.82E-03	0.002754	8.87E-04	4.54E-06	3.49E-03	4.38E-03
2338	494811.06	3860051.99	0.06121	0.05128	0.06265	9.11E-04	3.62E-06	1.63E-03	0.002545	9.31E-04	3.56E-06	1.81E-03	0.002747	8.84E-04	4.52E-06	3.48E-03	4.37E-03
2339	494861.06	3860051.99	0.06103	0.05113	0.06248	9.08E-04	3.61E-06	1.63E-03	0.002538	9.28E-04	3.55E-06	1.81E-03	0.00274	8.82E-04	4.51E-06	3.47E-03	4.36E-03
2340	494911.06	3860051.99	0.06069	0.05083	0.06214	9.03E-04	3.59E-06	1.62E-03	0.002524	9.23E-04	3.53E-06	1.80E-03	0.002725	8.77E-04	4.48E-06	3.45E-03	4.33E-03
2341	494961.06	3860051.99	0.06033	0.05052	0.06178	8.98E-04	3.57E-06	1.61E-03	0.002509	9.18E-04	3.51E-06	1.79E-03	0.002709	8.72E-04	4.46E-06	3.43E-03	4.31E-03
2342	495011.06	3860051.99	0.05999	0.05024	0.06146	8.93E-04	3.55E-06	1.60E-03	0.002495	9.12E-04	3.49E-06	1.78E-03	0.002694	8.67E-04	4.43E-06	3.42E-03	4.29E-03
2343	495061.06	3860051.99	0.05971	0.05001	0.06118	8.89E-04	3.53E-06	1.59E-03	0.002484	9.08E-04	3.48E-06	1.77E-03	0.002682	8.63E-04	4.41E-06	3.40E-03	4.27E-03
2344	495111.06	3860051.99	0.05935	0.0497	0.06083	8.83E-04	3.51E-06	1.58E-03	0.002469	9.03E-04	3.45E-06	1.76E-03	0.002666	8.58E-04	4.39E-06	3.38E-03	4.24E-03
2345	495161.06	3860051.99	0.05907	0.04948	0.06056	8.79E-04	3.49E-06	1.58E-03	0.002458	8.98E-04	3.44E-06	1.75E-03	0.002654	8.54E-04	4.37E-06	3.37E-03	4.22E-03
2346	495211.06	3860051.99	0.05875	0.04922	0.06025	8.74E-04	3.48E-06	1.57E-03	0.002445	8.94E-04	3.42E-06	1.74E-03	0.00264	8.49E-04	4.34E-06	3.35E-03	4.20E-03

2347	495261.06	3860051.99	0.05852	0.04904	0.06003	8.71E-04	3.46E-06	1.56E-03	0.002436	8.90E-04	3.41E-06	1.74E-03	0.002631	8.46E-04	4.33E-06	3.34E-03	4.19E-03
2348	495311.06	3860051.99	0.05832	0.04889	0.05983	8.68E-04	3.45E-06	1.56E-03	0.002428	8.87E-04	3.40E-06	1.73E-03	0.002622	8.43E-04	4.31E-06	3.32E-03	4.17E-03
2349	495361.06	3860051.99	0.05807	0.0487	0.0596	8.64E-04	3.44E-06	1.55E-03	0.002418	8.83E-04	3.38E-06	1.72E-03	0.002611	8.39E-04	4.30E-06	3.31E-03	4.16E-03
2350	495411.06	3860051.99	0.05781	0.0485	0.05934	8.60E-04	3.42E-06	1.54E-03	0.002408	8.79E-04	3.37E-06	1.72E-03	0.0026	8.35E-04	4.28E-06	3.30E-03	4.14E-03
2351	495461.06	3860051.99	0.05751	0.04828	0.05906	8.56E-04	3.41E-06	1.54E-03	0.002396	8.75E-04	3.36E-06	1.71E-03	0.002587	8.31E-04	4.26E-06	3.28E-03	4.12E-03
2352	495511.06	3860051.99	0.05729	0.04812	0.05884	8.53E-04	3.40E-06	1.53E-03	0.002387	8.71E-04	3.34E-06	1.70E-03	0.002577	8.28E-04	4.25E-06	3.27E-03	4.10E-03
2353	495561.06	3860051.99	0.05703	0.04793	0.05859	8.49E-04	3.38E-06	1.52E-03	0.002377	8.67E-04	3.33E-06	1.70E-03	0.002566	8.24E-04	4.23E-06	3.26E-03	4.08E-03
2354	495611.06	3860051.99	0.05672	0.04771	0.0583	8.44E-04	3.37E-06	1.52E-03	0.002364	8.63E-04	3.32E-06	1.69E-03	0.002553	8.20E-04	4.21E-06	3.24E-03	4.06E-03
2355	495661.06	3860051.99	0.05635	0.04743	0.05795	8.39E-04	3.35E-06	1.51E-03	0.00235	8.57E-04	3.30E-06	1.68E-03	0.002537	8.14E-04	4.18E-06	3.22E-03	4.04E-03
2356	494411.06	3860101.99	0.06207	0.05227	0.06347	9.24E-04	3.69E-06	1.65E-03	0.002579	9.44E-04	3.63E-06	1.84E-03	0.002784	8.97E-04	4.61E-06	3.53E-03	4.43E-03
2357	494461.06	3860101.99	0.06195	0.05214	0.06335	9.22E-04	3.68E-06	1.65E-03	0.002574	9.42E-04	3.62E-06	1.83E-03	0.002779	8.95E-04	4.60E-06	3.52E-03	4.42E-03
2358	494511.06	3860101.99	0.06159	0.05184	0.06299	9.17E-04	3.66E-06	1.64E-03	0.002559	9.37E-04	3.60E-06	1.82E-03	0.002763	8.90E-04	4.57E-06	3.50E-03	4.39E-03
2359	494561.06	3860101.99	0.0614	0.05167	0.06281	9.14E-04	3.65E-06	1.63E-03	0.002552	9.34E-04	3.59E-06	1.82E-03	0.002755	8.87E-04	4.56E-06	3.49E-03	4.38E-03
2360	494611.06	3860101.99	0.06129	0.05156	0.06271	9.12E-04	3.64E-06	1.63E-03	0.002547	9.32E-04	3.58E-06	1.81E-03	0.00275	8.86E-04	4.55E-06	3.48E-03	4.37E-03
2361	494661.06	3860101.99	0.06108	0.05138	0.0625	9.09E-04	3.63E-06	1.63E-03	0.002539	9.29E-04	3.57E-06	1.81E-03	0.002741	8.83E-04	4.53E-06	3.47E-03	4.36E-03
2362	494711.06	3860101.99	0.06074	0.05108	0.06216	9.04E-04	3.61E-06	1.62E-03	0.002525	9.24E-04	3.55E-06	1.80E-03	0.002726	8.78E-04	4.51E-06	3.45E-03	4.34E-03
2363	494761.06	3860101.99	0.06052	0.05089	0.06194	9.01E-04	3.59E-06	1.61E-03	0.002516	9.20E-04	3.54E-06	1.79E-03	0.002716	8.75E-04	4.49E-06	3.44E-03	4.32E-03
2364	494811.06	3860101.99	0.0603	0.05071	0.06174	8.98E-04	3.58E-06	1.61E-03	0.002507	9.17E-04	3.52E-06	1.79E-03	0.002707	8.71E-04	4.47E-06	3.43E-03	4.31E-03
2365	494861.06	3860101.99	0.06022	0.0507	0.06174	8.96E-04	3.58E-06	1.61E-03	0.002506	9.16E-04	3.52E-06	1.79E-03	0.002706	8.70E-04	4.47E-06	3.43E-03	4.31E-03
2366	494911.06	3860101.99	0.05974	0.05022	0.06117	8.89E-04	3.55E-06	1.59E-03	0.002484	9.09E-04	3.49E-06	1.77E-03	0.002682	8.63E-04	4.43E-06	3.40E-03	4.27E-03
2367	494961.06	3860101.99	0.0595	0.05001	0.06094	8.86E-04	3.53E-06	1.59E-03	0.002475	9.05E-04	3.48E-06	1.76E-03	0.002672	8.60E-04	4.41E-06	3.39E-03	4.25E-03
2368	495011.06	3860101.99	0.0592	0.04975	0.06064	8.81E-04	3.51E-06	1.58E-03	0.002462	9.00E-04	3.46E-06	1.75E-03	0.002659	8.55E-04	4.39E-06	3.37E-03	4.23E-03
2369	495061.06	3860101.99	0.05891	0.0495	0.06035	8.77E-04	3.50E-06	1.57E-03	0.00245	8.96E-04	3.44E-06	1.75E-03	0.002646	8.51E-04	4.37E-06	3.35E-03	4.21E-03
2370	495111.06	3860101.99	0.05856	0.0492	0.06	8.72E-04	3.47E-06	1.56E-03	0.002436	8.91E-04	3.42E-06	1.74E-03	0.00263	8.46E-04	4.34E-06	3.33E-03	4.18E-03
2371	495161.06	3860101.99	0.05835	0.04902	0.0598	8.69E-04	3.46E-06	1.56E-03	0.002428	8.87E-04	3.41E-06	1.73E-03	0.002621	8.43E-04	4.33E-06	3.32E-03	4.17E-03
2372	495211.06	3860101.99	0.05809	0.04881	0.05954	8.65E-04	3.45E-06	1.55E-03	0.002417	8.83E-04	3.39E-06	1.72E-03	0.00261	8.39E-04	4.31E-06	3.31E-03	4.15E-03
2373	495261.06	3860101.99	0.05782	0.04859	0.05928	8.61E-04	3.43E-06	1.54E-03	0.002406	8.79E-04	3.38E-06	1.72E-03	0.002598	8.36E-04	4.29E-06	3.29E-03	4.13E-03
2374	495311.06	3860101.99	0.05759	0.0484	0.05905	8.57E-04	3.42E-06	1.54E-03	0.002397	8.76E-04	3.36E-06	1.71E-03	0.002588	8.32E-04	4.27E-06	3.28E-03	4.12E-03
2375	495361.06	3860101.99	0.05739	0.04825	0.05887	8.54E-04	3.41E-06	1.53E-03	0.002389	8.73E-04	3.35E-06	1.70E-03	0.00258	8.29E-04	4.26E-06	3.27E-03	4.10E-03
2376	495411.06	3860101.99	0.05713	0.04804	0.05861	8.50E-04	3.39E-06	1.52E-03	0.002379	8.69E-04	3.34E-06	1.70E-03	0.002568	8.26E-04	4.24E-06	3.26E-03	4.09E-03
2377	495461.06	3860101.99	0.05679	0.04776	0.05828	8.45E-04	3.37E-06	1.52E-03	0.002365	8.64E-04	3.32E-06	1.69E-03	0.002553	8.21E-04	4.21E-06	3.24E-03	4.06E-03
2378	495511.06	3860101.99	0.05661	0.04763	0.0581	8.43E-04	3.36E-06	1.51E-03	0.002358	8.61E-04	3.31E-06	1.68E-03	0.002546	8.18E-04	4.20E-06	3.23E-03	4.05E-03
2379	495561.06	3860101.99	0.05642	0.04749	0.05792	8.40E-04	3.35E-06	1.51E-03	0.00235	8.58E-04	3.30E-06	1.68E-03	0.002537	8.15E-04	4.19E-06	3.22E-03	4.04E-03
2380	495611.06	3860101.99	0.05607	0.04723	0.05759	8.35E-04	3.33E-06	1.50E-03	0.002336	8.53E-04	3.28E-06	1.67E-03	0.002523	8.10E-04	4.17E-06	3.20E-03	4.01E-03
2381	495661.06	3860101.99	0.05583	0.04705	0.05735	8.31E-04	3.32E-06	1.49E-03	0.002326	8.49E-04	3.27E-06	1.66E-03	0.002512	8.07E-04	4.15E-06	3.19E-03	4.00E-03
2382	494861.06	3860151.99	0.05928	0.05034	0.06135	8.82E-04	3.55E-06	1.60E-03	0.002482	9.02E-04	3.50E-06	1.78E-03	0.00268	8.57E-04	4.44E-06	3.41E-03	4.27E-03
2383	494911.06	3860151.99	0.05893	0.04974	0.0604	8.77E-04	3.51E-06	1.57E-03	0.002452	8.96E-04	3.46E-06	1.75E-03	0.002648	8.52E-04	4.39E-06	3.36E-03	4.21E-03
2384	494961.06	3860151.99	0.05866	0.0495	0.06012	8.73E-04	3.50E-06	1.56E-03	0.002441	8.92E-04	3.44E-06	1.74E-03	0.002635	8.48E-04	4.37E-06	3.34E-03	4.19E-03
2385	495011.06	3860151.99	0.05839	0.04925	0.05983	8.69E-04	3.48E-06	1.56E-03	0.002429	8.88E-04	3.42E-06	1.73E-03	0.002623	8.44E-04	4.35E-06	3.32E-03	4.17E-03
2386	495061.06	3860151.99	0.05811	0.049	0.05954	8.65E-04	3.46E-06	1.55E-03	0.002417	8.84E-04	3.41E-06	1.72E-03	0.00261	8.40E-04	4.32E-06	3.31E-03	4.15E-03
2387	495111.06	3860151.99	0.05785	0.04878	0.05929	8.61E-04	3.44E-06	1.54E-03	0.002407	8.80E-04	3.39E-06	1.72E-03	0.002599	8.36E-04	4.30E-06	3.29E-03	4.13E-03
2388	495161.06	3860151.99	0.05761	0.04858	0.05905	8.58E-04	3.43E-06	1.54E-03	0.002397	8.76E-04	3.38E-06	1.71E-03	0.002588	8.32E-04	4.29E-06	3.28E-03	4.12E-03
2389	495211.06	3860151.99	0.05735	0.04836	0.05879	8.54E-04	3.41E-06	1.53E-03	0.002387	8.72E-04	3.36E-06	1.70E-03	0.002577	8.29E-04	4.27E-06	3.27E-03	4.10E-03
2390	495261.06	3860151.99	0.05713	0.04816	0.05857	8.50E-04	3.40E-06	1.52E-03	0.002378	8.69E-04	3.35E-06	1.69E-03	0.002567	8.26E-04	4.25E-06	3.25E-03	4.08E-03
2391	495311.06	3860151.99	0.0569	0.04797	0.05834	8.47E-04	3.39E-06	1.52E-03	0.002368	8.65E-04	3.33E-06	1.69E-03	0.002557	8.22E-04	4.23E-06	3.24E-03	4.07E-03
2392	495361.06	3860151.99	0.05668	0.04779	0.05813	8.44E-04	3.37E-06	1.51E-03	0.002359	8.62E-04	3.32E-06	1.68E-03	0.002547	8.19E-04	4.22E-06	3.23E-03	4.05E-03
2393	495411.06	3860151.99	0.05643	0.04759	0.05789	8.40E-04	3.36E-06	1.51E-03	0.002349	8.58E-04	3.31E-06	1.68E-03	0.002537	8.15E-04	4.20E-06	3.22E-03	4.04E-03

2394	495461.06	3860151.99	0.0562	0.0474	0.05765	8.37E-04	3.35E-06	1.50E-03	0.00234	8.55E-04	3.29E-06	1.67E-03	0.002526	8.12E-04	4.18E-06	3.20E-03	4.02E-03
2395	495511.06	3860151.99	0.05593	0.04718	0.05739	8.33E-04	3.33E-06	1.49E-03	0.002329	8.51E-04	3.28E-06	1.66E-03	0.002515	8.08E-04	4.16E-06	3.19E-03	4.00E-03
2396	495561.06	3860151.99	0.05571	0.04701	0.05718	8.29E-04	3.32E-06	1.49E-03	0.00232	8.47E-04	3.27E-06	1.65E-03	0.002505	8.05E-04	4.15E-06	3.18E-03	3.99E-03
2397	495611.06	3860151.99	0.05545	0.04681	0.05693	8.25E-04	3.31E-06	1.48E-03	0.00231	8.43E-04	3.25E-06	1.65E-03	0.002494	8.01E-04	4.13E-06	3.16E-03	3.97E-03
2398	495661.06	3860151.99	0.05518	0.04659	0.05665	8.21E-04	3.29E-06	1.47E-03	0.002298	8.39E-04	3.24E-06	1.64E-03	0.002482	7.97E-04	4.11E-06	3.15E-03	3.95E-03
2399	495718.25	3859442.96	0.05638	0.04875	0.05886	8.39E-04	3.44E-06	1.53E-03	0.002374	8.57E-04	3.39E-06	1.70E-03	0.002564	8.15E-04	4.30E-06	3.27E-03	4.09E-03
2400	495818.25	3859442.96	0.05532	0.04792	0.05775	8.23E-04	3.38E-06	1.50E-03	0.002329	8.41E-04	3.33E-06	1.67E-03	0.002516	7.99E-04	4.23E-06	3.21E-03	4.01E-03
2401	495918.25	3859442.96	0.05458	0.04737	0.05697	8.12E-04	3.34E-06	1.48E-03	0.002298	8.30E-04	3.29E-06	1.65E-03	0.002482	7.89E-04	4.18E-06	3.17E-03	3.96E-03
2402	496018.25	3859442.96	0.05396	0.04692	0.05632	8.03E-04	3.31E-06	1.47E-03	0.002272	8.21E-04	3.26E-06	1.63E-03	0.002454	7.80E-04	4.14E-06	3.13E-03	3.91E-03
2403	496118.25	3859442.96	0.05431	0.04733	0.05671	8.08E-04	3.34E-06	1.48E-03	0.002287	8.26E-04	3.29E-06	1.64E-03	0.00247	7.85E-04	4.18E-06	3.15E-03	3.94E-03
2404	496218.25	3859442.96	0.05451	0.0476	0.05694	8.11E-04	3.36E-06	1.48E-03	0.002296	8.29E-04	3.31E-06	1.65E-03	0.00248	7.88E-04	4.20E-06	3.16E-03	3.96E-03
2405	496318.25	3859442.96	0.05398	0.04721	0.05638	8.03E-04	3.33E-06	1.47E-03	0.002274	8.21E-04	3.28E-06	1.63E-03	0.002456	7.80E-04	4.17E-06	3.13E-03	3.92E-03
2406	496418.25	3859442.96	0.05339	0.04677	0.05577	7.95E-04	3.30E-06	1.45E-03	0.002249	8.12E-04	3.25E-06	1.61E-03	0.002429	7.71E-04	4.13E-06	3.10E-03	3.87E-03
2407	495718.25	3859542.96	0.05715	0.04926	0.05966	8.51E-04	3.48E-06	1.55E-03	0.002406	8.69E-04	3.42E-06	1.73E-03	0.002599	8.26E-04	4.35E-06	3.32E-03	4.15E-03
2408	495818.25	3859542.96	0.0564	0.04872	0.05888	8.40E-04	3.44E-06	1.53E-03	0.002375	8.58E-04	3.39E-06	1.70E-03	0.002565	8.15E-04	4.30E-06	3.27E-03	4.09E-03
2409	495918.25	3859542.96	0.05547	0.04802	0.05792	8.26E-04	3.39E-06	1.51E-03	0.002336	8.44E-04	3.34E-06	1.68E-03	0.002523	8.02E-04	4.24E-06	3.22E-03	4.02E-03
2410	496018.25	3859542.96	0.05469	0.04745	0.05711	8.14E-04	3.35E-06	1.49E-03	0.002303	8.32E-04	3.30E-06	1.65E-03	0.002488	7.90E-04	4.19E-06	3.17E-03	3.97E-03
2411	496118.25	3859542.96	0.05497	0.04779	0.05741	8.18E-04	3.37E-06	1.49E-03	0.002315	8.36E-04	3.32E-06	1.66E-03	0.002501	7.94E-04	4.22E-06	3.19E-03	3.99E-03
2412	496218.25	3859542.96	0.05495	0.04788	0.0574	8.18E-04	3.38E-06	1.49E-03	0.002315	8.36E-04	3.33E-06	1.66E-03	0.0025	7.94E-04	4.22E-06	3.19E-03	3.99E-03
2413	496318.25	3859542.96	0.05474	0.0478	0.05719	8.15E-04	3.38E-06	1.49E-03	0.002306	8.33E-04	3.32E-06	1.65E-03	0.002491	7.91E-04	4.22E-06	3.18E-03	3.97E-03
2414	496418.25	3859542.96	0.05394	0.0472	0.05636	8.03E-04	3.33E-06	1.47E-03	0.002272	8.20E-04	3.28E-06	1.63E-03	0.002455	7.79E-04	4.16E-06	3.13E-03	3.92E-03
2415	495718.25	3859642.96	0.05742	0.04922	0.05985	8.55E-04	3.48E-06	1.56E-03	0.002415	8.73E-04	3.42E-06	1.73E-03	0.002609	8.30E-04	4.34E-06	3.33E-03	4.16E-03
2416	495818.25	3859642.96	0.05656	0.04861	0.05898	8.42E-04	3.43E-06	1.53E-03	0.00238	8.60E-04	3.38E-06	1.71E-03	0.00257	8.17E-04	4.29E-06	3.28E-03	4.10E-03
2417	495918.25	3859642.96	0.056	0.04824	0.05841	8.34E-04	3.41E-06	1.52E-03	0.002357	8.52E-04	3.35E-06	1.69E-03	0.002545	8.09E-04	4.26E-06	3.25E-03	4.06E-03
2418	496018.25	3859642.96	0.05525	0.0477	0.05764	8.22E-04	3.37E-06	1.50E-03	0.002325	8.40E-04	3.32E-06	1.67E-03	0.002512	7.98E-04	4.21E-06	3.20E-03	4.01E-03
2419	496118.25	3859642.96	0.05559	0.0481	0.05799	8.27E-04	3.40E-06	1.51E-03	0.00234	8.45E-04	3.34E-06	1.68E-03	0.002527	8.03E-04	4.24E-06	3.22E-03	4.03E-03
2420	496218.25	3859642.96	0.05563	0.04823	0.05803	8.28E-04	3.41E-06	1.51E-03	0.002341	8.46E-04	3.35E-06	1.68E-03	0.002529	8.04E-04	4.26E-06	3.22E-03	4.03E-03
2421	496318.25	3859642.96	0.05501	0.04781	0.0574	8.19E-04	3.38E-06	1.49E-03	0.002316	8.37E-04	3.32E-06	1.66E-03	0.002501	7.95E-04	4.22E-06	3.19E-03	3.99E-03
2422	496418.25	3859642.96	0.05286	0.04609	0.05519	7.87E-04	3.25E-06	1.44E-03	0.002226	8.04E-04	3.20E-06	1.60E-03	0.002404	7.64E-04	4.07E-06	3.07E-03	3.83E-03
2423	495718.25	3859742.96	0.05784	0.04925	0.06011	8.61E-04	3.48E-06	1.56E-03	0.002428	8.80E-04	3.42E-06	1.74E-03	0.002623	8.36E-04	4.35E-06	3.34E-03	4.18E-03
2424	495818.25	3859742.96	0.05688	0.04858	0.05916	8.47E-04	3.43E-06	1.54E-03	0.002389	8.65E-04	3.38E-06	1.71E-03	0.00258	8.22E-04	4.29E-06	3.29E-03	4.11E-03
2425	495918.25	3859742.96	0.05618	0.0481	0.05846	8.36E-04	3.40E-06	1.52E-03	0.002361	8.54E-04	3.34E-06	1.69E-03	0.002549	8.12E-04	4.24E-06	3.25E-03	4.06E-03
2426	496018.25	3859742.96	0.05542	0.04757	0.0577	8.25E-04	3.36E-06	1.50E-03	0.002329	8.43E-04	3.31E-06	1.67E-03	0.002516	8.01E-04	4.20E-06	3.21E-03	4.01E-03
2427	496118.25	3859742.96	0.05556	0.04778	0.05783	8.27E-04	3.37E-06	1.50E-03	0.002335	8.45E-04	3.32E-06	1.67E-03	0.002522	8.03E-04	4.22E-06	3.21E-03	4.02E-03
2428	496218.25	3859742.96	0.05585	0.0481	0.0581	8.31E-04	3.40E-06	1.51E-03	0.002346	8.49E-04	3.34E-06	1.68E-03	0.002534	8.07E-04	4.24E-06	3.23E-03	4.04E-03
2429	496318.25	3859742.96	0.05415	0.0468	0.05642	8.06E-04	3.30E-06	1.47E-03	0.002277	8.24E-04	3.25E-06	1.63E-03	0.002459	7.82E-04	4.13E-06	3.14E-03	3.92E-03
2430	496418.25	3859742.96	0.05255	0.04559	0.05484	7.82E-04	3.22E-06	1.43E-03	0.002212	7.99E-04	3.17E-06	1.59E-03	0.002389	7.59E-04	4.02E-06	3.05E-03	3.81E-03
2431	495718.25	3859842.96	0.05764	0.04879	0.05969	8.58E-04	3.44E-06	1.55E-03	0.002414	8.77E-04	3.39E-06	1.73E-03	0.002607	8.33E-04	4.30E-06	3.32E-03	4.15E-03
2432	495818.25	3859842.96	0.05696	0.04834	0.05903	8.48E-04	3.41E-06	1.54E-03	0.002387	8.66E-04	3.36E-06	1.71E-03	0.002578	8.23E-04	4.27E-06	3.28E-03	4.11E-03
2433	495918.25	3859842.96	0.05625	0.04787	0.05834	8.37E-04	3.38E-06	1.52E-03	0.002358	8.55E-04	3.33E-06	1.69E-03	0.002547	8.13E-04	4.22E-06	3.24E-03	4.06E-03
2434	496018.25	3859842.96	0.05582	0.0476	0.05791	8.31E-04	3.36E-06	1.51E-03	0.002341	8.49E-04	3.31E-06	1.68E-03	0.002528	8.07E-04	4.20E-06	3.22E-03	4.03E-03
2435	496118.25	3859842.96	0.05613	0.04793	0.0582	8.35E-04	3.38E-06	1.51E-03	0.002353	8.54E-04	3.33E-06	1.68E-03	0.002541	8.11E-04	4.23E-06	3.23E-03	4.05E-03
2436	496218.25	3859842.96	0.05469	0.04686	0.05679	8.14E-04	3.31E-06	1.48E-03	0.002295	8.32E-04	3.26E-06	1.64E-03	0.002478	7.90E-04	4.13E-06	3.16E-03	3.95E-03
2437	496318.25	3859842.96	0.05177	0.04454	0.05391	7.71E-04	3.14E-06	1.40E-03	0.002176	7.87E-04	3.10E-06	1.56E-03	0.00235	7.48E-04	3.93E-06	3.00E-03	3.75E-03
2438	496418.25	3859842.96	0.04975	0.04291	0.05185	7.41E-04	3.03E-06	1.35E-03	0.002092	7.57E-04	2.98E-06	1.50E-03	0.00226	7.19E-04	3.79E-06	2.88E-03	3.60E-03
2439	495718.25	3859942.96	0.05703	0.04809	0.05886	8.49E-04	3.40E-06	1.53E-03	0.002384	8.67E-04	3.34E-06	1.70E-03	0.002574	8.24E-04	4.24E-06	3.27E-03	4.10E-03
2440	495818.25	3859942.96	0.05635	0.04764	0.05821	8.39E-04	3.36E-06	1.51E-03	0.002357	8.57E-04	3.31E-06	1.68E-03	0.002545	8.14E-04	4.20E-06	3.23E-03	4.05E-03

2441	495918.25	3859942.96	0.05587	0.04733	0.05774	8.32E-04	3.34E-06	1.50E-03	0.002337	8.50E-04	3.29E-06	1.67E-03	0.002524	8.07E-04	4.18E-06	3.21E-03	4.02E-03
2442	496018.25	3859942.96	0.05583	0.04736	0.05767	8.31E-04	3.34E-06	1.50E-03	0.002335	8.49E-04	3.29E-06	1.67E-03	0.002521	8.07E-04	4.18E-06	3.20E-03	4.02E-03
2443	496118.25	3859942.96	0.0548	0.04663	0.0567	8.16E-04	3.29E-06	1.48E-03	0.002294	8.33E-04	3.24E-06	1.64E-03	0.002477	7.92E-04	4.11E-06	3.15E-03	3.95E-03
2444	496218.25	3859942.96	0.05308	0.04534	0.05506	7.90E-04	3.20E-06	1.43E-03	0.002226	8.07E-04	3.15E-06	1.59E-03	0.002404	7.67E-04	4.00E-06	3.06E-03	3.83E-03
2445	496318.25	3859942.96	0.05119	0.04387	0.05321	7.62E-04	3.10E-06	1.38E-03	0.002149	7.79E-04	3.05E-06	1.54E-03	0.002321	7.40E-04	3.87E-06	2.96E-03	3.70E-03
2446	496418.25	3859942.96	0.04853	0.0417	0.05052	7.22E-04	2.94E-06	1.31E-03	0.00204	7.38E-04	2.90E-06	1.46E-03	0.002203	7.01E-04	3.68E-06	2.81E-03	3.51E-03
2447	496856.82	3858864.83	0.04533	0.03897	0.04693	6.75E-04	2.75E-06	1.22E-03	0.001898	6.89E-04	2.71E-06	1.36E-03	0.00205	6.55E-04	3.44E-06	2.61E-03	3.27E-03
2448	496956.82	3858864.83	0.04466	0.03837	0.04623	6.65E-04	2.71E-06	1.20E-03	0.00187	6.79E-04	2.67E-06	1.34E-03	0.00202	6.45E-04	3.39E-06	2.57E-03	3.22E-03
2449	497056.82	3858864.83	0.04403	0.03781	0.04557	6.55E-04	2.67E-06	1.19E-03	0.001844	6.70E-04	2.63E-06	1.32E-03	0.001991	6.36E-04	3.34E-06	2.53E-03	3.17E-03
2450	497156.82	3858864.83	0.04322	0.0371	0.04473	6.43E-04	2.62E-06	1.16E-03	0.00181	6.57E-04	2.58E-06	1.29E-03	0.001954	6.25E-04	3.27E-06	2.49E-03	3.11E-03
2451	497256.82	3858864.83	0.04297	0.03689	0.04449	6.40E-04	2.60E-06	1.16E-03	0.0018	6.54E-04	2.56E-06	1.29E-03	0.001944	6.21E-04	3.25E-06	2.47E-03	3.10E-03
2452	496856.82	3858964.83	0.04638	0.04026	0.04812	6.90E-04	2.84E-06	1.25E-03	0.001945	7.05E-04	2.80E-06	1.39E-03	0.002101	6.70E-04	3.55E-06	2.67E-03	3.35E-03
2453	496956.82	3858964.83	0.0454	0.03938	0.04709	6.76E-04	2.78E-06	1.23E-03	0.001904	6.90E-04	2.74E-06	1.36E-03	0.002056	6.56E-04	3.47E-06	2.62E-03	3.28E-03
2454	497056.82	3858964.83	0.04467	0.03872	0.04633	6.65E-04	2.73E-06	1.21E-03	0.001873	6.79E-04	2.69E-06	1.34E-03	0.002023	6.45E-04	3.42E-06	2.57E-03	3.22E-03
2455	497156.82	3858964.83	0.04394	0.03805	0.04556	6.54E-04	2.69E-06	1.19E-03	0.001842	6.68E-04	2.64E-06	1.32E-03	0.001989	6.35E-04	3.36E-06	2.53E-03	3.17E-03
2456	497256.82	3858964.83	0.04429	0.03838	0.04597	6.59E-04	2.71E-06	1.20E-03	0.001858	6.74E-04	2.67E-06	1.33E-03	0.002007	6.40E-04	3.39E-06	2.55E-03	3.20E-03
2457	496856.82	3859064.83	0.04677	0.04087	0.04856	6.96E-04	2.89E-06	1.26E-03	0.001962	7.11E-04	2.84E-06	1.41E-03	0.002119	6.76E-04	3.61E-06	2.70E-03	3.38E-03
2458	496956.82	3859064.83	0.04598	0.04017	0.04773	6.84E-04	2.84E-06	1.24E-03	0.001929	6.99E-04	2.79E-06	1.38E-03	0.002083	6.64E-04	3.54E-06	2.65E-03	3.32E-03
2459	497056.82	3859064.83	0.04534	0.0396	0.04707	6.75E-04	2.80E-06	1.22E-03	0.001902	6.90E-04	2.75E-06	1.36E-03	0.002054	6.55E-04	3.49E-06	2.62E-03	3.27E-03
2460	497156.82	3859064.83	0.04479	0.03912	0.0465	6.67E-04	2.76E-06	1.21E-03	0.001879	6.81E-04	2.72E-06	1.35E-03	0.00203	6.47E-04	3.45E-06	2.58E-03	3.23E-03
2461	497256.82	3859064.83	0.04554	0.0398	0.04733	6.78E-04	2.81E-06	1.23E-03	0.001912	6.93E-04	2.77E-06	1.37E-03	0.002065	6.58E-04	3.51E-06	2.63E-03	3.29E-03
2462	496856.82	3859164.83	0.04668	0.04091	0.04848	6.95E-04	2.89E-06	1.26E-03	0.001959	7.10E-04	2.84E-06	1.40E-03	0.002116	6.75E-04	3.61E-06	2.69E-03	3.37E-03
2463	496956.82	3859164.83	0.04582	0.04018	0.04758	6.82E-04	2.84E-06	1.24E-03	0.001923	6.97E-04	2.79E-06	1.38E-03	0.002076	6.62E-04	3.55E-06	2.64E-03	3.31E-03
2464	497056.82	3859164.83	0.04549	0.03992	0.04726	6.77E-04	2.82E-06	1.23E-03	0.001909	6.92E-04	2.77E-06	1.37E-03	0.002062	6.57E-04	3.52E-06	2.63E-03	3.29E-03
2465	497156.82	3859164.83	0.04575	0.04018	0.04756	6.81E-04	2.84E-06	1.24E-03	0.001921	6.96E-04	2.79E-06	1.38E-03	0.002075	6.61E-04	3.55E-06	2.64E-03	3.31E-03
2466	497256.82	3859164.83	0.04672	0.0411	0.04864	6.95E-04	2.90E-06	1.27E-03	0.001964	7.11E-04	2.86E-06	1.41E-03	0.002121	6.75E-04	3.63E-06	2.70E-03	3.38E-03
2467	496856.82	3859264.83	0.04625	0.04057	0.04805	6.88E-04	2.86E-06	1.25E-03	0.001941	7.03E-04	2.82E-06	1.39E-03	0.002097	6.68E-04	3.58E-06	2.67E-03	3.34E-03
2468	496956.82	3859264.83	0.04613	0.04052	0.04794	6.87E-04	2.86E-06	1.25E-03	0.001937	7.02E-04	2.82E-06	1.39E-03	0.002092	6.67E-04	3.58E-06	2.66E-03	3.33E-03
2469	497056.82	3859264.83	0.04645	0.04086	0.04832	6.91E-04	2.89E-06	1.26E-03	0.001951	7.06E-04	2.84E-06	1.40E-03	0.002108	6.71E-04	3.61E-06	2.68E-03	3.36E-03
2470	497156.82	3859264.83	0.04667	0.04111	0.04858	6.95E-04	2.90E-06	1.26E-03	0.001961	7.10E-04	2.86E-06	1.41E-03	0.002118	6.74E-04	3.63E-06	2.70E-03	3.38E-03
2471	497256.82	3859264.83	0.04744	0.04186	0.04944	7.06E-04	2.96E-06	1.29E-03	0.001995	7.22E-04	2.91E-06	1.43E-03	0.002155	6.86E-04	3.69E-06	2.75E-03	3.44E-03
2472	497088.92	3858620.93	0.04135	0.03514	0.04269	6.15E-04	2.48E-06	1.11E-03	0.001729	6.29E-04	2.44E-06	1.24E-03	0.001867	5.98E-04	3.10E-06	2.37E-03	2.97E-03
2473	497138.92	3858620.93	0.04128	0.03511	0.04262	6.14E-04	2.48E-06	1.11E-03	0.001726	6.28E-04	2.44E-06	1.23E-03	0.001864	5.97E-04	3.10E-06	2.37E-03	2.97E-03
2474	497188.92	3858620.93	0.04101	0.03489	0.04234	6.10E-04	2.46E-06	1.10E-03	0.001714	6.24E-04	2.42E-06	1.23E-03	0.001851	5.93E-04	3.08E-06	2.35E-03	2.95E-03
2475	497238.92	3858620.93	0.0408	0.03474	0.04212	6.07E-04	2.45E-06	1.10E-03	0.001706	6.21E-04	2.41E-06	1.22E-03	0.001842	5.90E-04	3.07E-06	2.34E-03	2.93E-03
2476	497088.92	3858670.93	0.04143	0.03519	0.04276	6.17E-04	2.48E-06	1.11E-03	0.001732	6.30E-04	2.45E-06	1.24E-03	0.00187	5.99E-04	3.10E-06	2.38E-03	2.98E-03
2477	497138.92	3858670.93	0.04157	0.03533	0.04292	6.19E-04	2.49E-06	1.12E-03	0.001738	6.32E-04	2.46E-06	1.24E-03	0.001877	6.01E-04	3.12E-06	2.38E-03	2.99E-03
2478	497188.92	3858670.93	0.04121	0.03505	0.04255	6.13E-04	2.47E-06	1.11E-03	0.001723	6.27E-04	2.44E-06	1.23E-03	0.00186	5.95E-04	3.09E-06	2.36E-03	2.96E-03
2479	497238.92	3858670.93	0.04112	0.035	0.04247	6.12E-04	2.47E-06	1.10E-03	0.001719	6.25E-04	2.43E-06	1.23E-03	0.001857	5.94E-04	3.09E-06	2.36E-03	2.96E-03
2480	497088.92	3858720.93	0.04227	0.03597	0.04369	6.29E-04	2.54E-06	1.14E-03	0.001768	6.43E-04	2.50E-06	1.26E-03	0.00191	6.11E-04	3.17E-06	2.43E-03	3.04E-03
2481	497138.92	3858720.93	0.04131	0.03513	0.04268	6.15E-04	2.48E-06	1.11E-03	0.001728	6.28E-04	2.44E-06	1.24E-03	0.001866	5.97E-04	3.10E-06	2.37E-03	2.97E-03
2482	497188.92	3858720.93	0.04108	0.03496	0.04245	6.11E-04	2.47E-06	1.10E-03	0.001718	6.25E-04	2.43E-06	1.23E-03	0.001856	5.94E-04	3.08E-06	2.36E-03	2.96E-03
2483	497238.92	3858720.93	0.04155	0.03539	0.04295	6.18E-04	2.50E-06	1.12E-03	0.001738	6.32E-04	2.46E-06	1.24E-03	0.001877	6.00E-04	3.12E-06	2.39E-03	2.99E-03
2484	497088.92	3858770.93	0.04249	0.03623	0.04393	6.32E-04	2.56E-06	1.14E-03	0.001778	6.46E-04	2.52E-06	1.27E-03	0.00192	6.14E-04	3.20E-06	2.44E-03	3.06E-03
2485	497138.92	3858770.93	0.04207	0.03588	0.04349	6.26E-04	2.53E-06	1.13E-03	0.00176	6.40E-04	2.49E-06	1.26E-03	0.001901	6.08E-04	3.17E-06	2.42E-03	3.03E-03
2486	497188.92	3858770.93	0.04173	0.0356	0.04315	6.21E-04	2.51E-06	1.12E-03	0.001746	6.35E-04	2.47E-06	1.25E-03	0.001886	6.03E-04	3.14E-06	2.40E-03	3.00E-03
2487	497238.92	3858770.93	0.042	0.03584	0.04344	6.25E-04	2.53E-06	1.13E-03	0.001758	6.39E-04	2.49E-06	1.26E-03	0.001898	6.07E-04	3.16E-06	2.41E-03	3.02E-03

2488	497396.65	3858622.63	0.04225	0.03615	0.04371	6.29E-04	2.55E-06	1.14E-03	0.001769	6.43E-04	2.51E-06	1.26E-03	0.00191	6.11E-04	3.19E-06	2.43E-03	3.04E-03
2489	497496.65	3858622.63	0.04304	0.03693	0.04457	6.41E-04	2.61E-06	1.16E-03	0.001803	6.55E-04	2.57E-06	1.29E-03	0.001947	6.22E-04	3.26E-06	2.48E-03	3.10E-03
2490	497596.65	3858622.63	0.04456	0.03839	0.04623	6.63E-04	2.71E-06	1.20E-03	0.001869	6.78E-04	2.67E-06	1.34E-03	0.002018	6.44E-04	3.39E-06	2.57E-03	3.22E-03
2491	497696.65	3858622.63	0.04499	0.03887	0.0467	6.70E-04	2.74E-06	1.21E-03	0.001887	6.84E-04	2.70E-06	1.35E-03	0.002038	6.50E-04	3.43E-06	2.59E-03	3.25E-03
2492	497796.65	3858622.63	0.04592	0.03984	0.04777	6.84E-04	2.81E-06	1.24E-03	0.001929	6.98E-04	2.77E-06	1.38E-03	0.002083	6.64E-04	3.52E-06	2.65E-03	3.32E-03
2493	497896.65	3858622.63	0.04688	0.04083	0.04882	6.98E-04	2.88E-06	1.27E-03	0.001971	7.13E-04	2.84E-06	1.41E-03	0.002129	6.77E-04	3.60E-06	2.71E-03	3.39E-03
2494	497396.65	3858722.63	0.0433	0.03701	0.04484	6.45E-04	2.61E-06	1.17E-03	0.001814	6.59E-04	2.57E-06	1.30E-03	0.001959	6.26E-04	3.27E-06	2.49E-03	3.12E-03
2495	497496.65	3858722.63	0.0441	0.03778	0.04573	6.56E-04	2.67E-06	1.19E-03	0.001849	6.71E-04	2.63E-06	1.32E-03	0.001997	6.37E-04	3.33E-06	2.54E-03	3.18E-03
2496	497596.65	3858722.63	0.04557	0.03917	0.04737	6.78E-04	2.77E-06	1.23E-03	0.001913	6.93E-04	2.72E-06	1.37E-03	0.002067	6.58E-04	3.46E-06	2.63E-03	3.29E-03
2497	497696.65	3858722.63	0.04636	0.03995	0.04824	6.90E-04	2.82E-06	1.26E-03	0.001948	7.05E-04	2.78E-06	1.40E-03	0.002104	6.70E-04	3.52E-06	2.68E-03	3.35E-03
2498	497796.65	3858722.63	0.04673	0.04038	0.04867	6.96E-04	2.85E-06	1.27E-03	0.001965	7.11E-04	2.81E-06	1.41E-03	0.002122	6.75E-04	3.56E-06	2.70E-03	3.38E-03
2499	497896.65	3858722.63	0.04736	0.04104	0.04937	7.05E-04	2.90E-06	1.28E-03	0.001992	7.20E-04	2.85E-06	1.43E-03	0.002152	6.84E-04	3.62E-06	2.74E-03	3.43E-03
2500	497396.65	3858822.63	0.04391	0.03766	0.04552	6.54E-04	2.66E-06	1.18E-03	0.00184	6.68E-04	2.62E-06	1.32E-03	0.001988	6.35E-04	3.32E-06	2.53E-03	3.17E-03
2501	497496.65	3858822.63	0.0446	0.03831	0.04633	6.64E-04	2.71E-06	1.21E-03	0.001872	6.78E-04	2.66E-06	1.34E-03	0.002022	6.44E-04	3.38E-06	2.57E-03	3.22E-03
2502	497596.65	3858822.63	0.04628	0.03988	0.0482	6.89E-04	2.82E-06	1.25E-03	0.001946	7.04E-04	2.77E-06	1.39E-03	0.002101	6.69E-04	3.52E-06	2.68E-03	3.35E-03
2503	497696.65	3858822.63	0.04688	0.04043	0.04883	6.98E-04	2.85E-06	1.27E-03	0.001971	7.13E-04	2.81E-06	1.41E-03	0.002129	6.77E-04	3.57E-06	2.71E-03	3.39E-03
2504	497796.65	3858822.63	0.04723	0.04082	0.04926	7.03E-04	2.88E-06	1.28E-03	0.001987	7.18E-04	2.84E-06	1.43E-03	0.002147	6.82E-04	3.60E-06	2.74E-03	3.42E-03
2505	497896.65	3858822.63	0.04838	0.0419	0.05051	7.20E-04	2.96E-06	1.31E-03	0.002037	7.36E-04	2.91E-06	1.46E-03	0.0022	6.99E-04	3.70E-06	2.81E-03	3.51E-03
2506	497396.65	3858922.63	0.04462	0.03855	0.04635	6.64E-04	2.72E-06	1.21E-03	0.001873	6.79E-04	2.68E-06	1.34E-03	0.002023	6.45E-04	3.40E-06	2.58E-03	3.22E-03
2507	497496.65	3858922.63	0.04609	0.03988	0.04796	6.86E-04	2.82E-06	1.25E-03	0.001937	7.01E-04	2.77E-06	1.39E-03	0.002092	6.66E-04	3.52E-06	2.66E-03	3.33E-03
2508	497596.65	3858922.63	0.046	0.0398	0.04788	6.85E-04	2.81E-06	1.25E-03	0.001933	7.00E-04	2.77E-06	1.39E-03	0.002088	6.65E-04	3.51E-06	2.66E-03	3.33E-03
2509	497696.65	3858922.63	0.04765	0.04133	0.04972	7.09E-04	2.92E-06	1.29E-03	0.002006	7.25E-04	2.87E-06	1.44E-03	0.002166	6.89E-04	3.65E-06	2.76E-03	3.45E-03
2510	497796.65	3858922.63	0.04852	0.04212	0.05066	7.22E-04	2.97E-06	1.32E-03	0.002043	7.38E-04	2.93E-06	1.47E-03	0.002207	7.01E-04	3.72E-06	2.81E-03	3.52E-03
2511	497896.65	3858922.63	0.04992	0.04344	0.05223	7.43E-04	3.07E-06	1.36E-03	0.002105	7.59E-04	3.02E-06	1.51E-03	0.002274	7.21E-04	3.83E-06	2.90E-03	3.63E-03
2512	497364.44	3858201.52	0.04032	0.03568	0.04161	6.00E-04	2.52E-06	1.08E-03	0.001685	6.13E-04	2.48E-06	1.20E-03	0.00182	5.83E-04	3.15E-06	2.31E-03	2.90E-03
2513	497414.44	3858201.52	0.04066	0.03607	0.042	6.05E-04	2.55E-06	1.09E-03	0.0017	6.18E-04	2.51E-06	1.22E-03	0.001836	5.88E-04	3.18E-06	2.33E-03	2.92E-03
2514	497464.44	3858201.52	0.04099	0.03644	0.04236	6.10E-04	2.57E-06	1.10E-03	0.001715	6.23E-04	2.53E-06	1.23E-03	0.001852	5.92E-04	3.22E-06	2.35E-03	2.95E-03
2515	497514.44	3858201.52	0.04115	0.03665	0.04253	6.13E-04	2.59E-06	1.11E-03	0.001722	6.26E-04	2.55E-06	1.23E-03	0.001859	5.95E-04	3.23E-06	2.36E-03	2.96E-03
2516	497564.44	3858201.52	0.04097	0.03655	0.04235	6.10E-04	2.58E-06	1.10E-03	0.001714	6.23E-04	2.54E-06	1.23E-03	0.001851	5.92E-04	3.22E-06	2.35E-03	2.95E-03
2517	497614.44	3858201.52	0.04103	0.03667	0.04242	6.11E-04	2.59E-06	1.10E-03	0.001717	6.24E-04	2.55E-06	1.23E-03	0.001854	5.93E-04	3.24E-06	2.36E-03	2.95E-03
2518	497364.44	3858251.52	0.04096	0.03607	0.04229	6.10E-04	2.55E-06	1.10E-03	0.001712	6.23E-04	2.51E-06	1.22E-03	0.001849	5.92E-04	3.18E-06	2.35E-03	2.94E-03
2519	497414.44	3858251.52	0.04148	0.03664	0.04285	6.17E-04	2.59E-06	1.11E-03	0.001735	6.31E-04	2.55E-06	1.24E-03	0.001873	5.99E-04	3.23E-06	2.38E-03	2.98E-03
2520	497464.44	3858251.52	0.04114	0.03638	0.0425	6.12E-04	2.57E-06	1.11E-03	0.001721	6.26E-04	2.53E-06	1.23E-03	0.001858	5.94E-04	3.21E-06	2.36E-03	2.96E-03
2521	497514.44	3858251.52	0.04072	0.03606	0.04207	6.06E-04	2.55E-06	1.09E-03	0.001703	6.19E-04	2.51E-06	1.22E-03	0.001839	5.88E-04	3.18E-06	2.34E-03	2.93E-03
2522	497564.44	3858251.52	0.04058	0.03599	0.04192	6.04E-04	2.54E-06	1.09E-03	0.001697	6.17E-04	2.50E-06	1.21E-03	0.001833	5.86E-04	3.18E-06	2.33E-03	2.92E-03
2523	497614.44	3858251.52	0.04044	0.03593	0.04179	6.02E-04	2.54E-06	1.09E-03	0.001692	6.15E-04	2.50E-06	1.21E-03	0.001827	5.84E-04	3.17E-06	2.32E-03	2.91E-03
2524	497364.44	3858301.52	0.04107	0.036	0.04241	6.11E-04	2.54E-06	1.10E-03	0.001717	6.25E-04	2.50E-06	1.23E-03	0.001854	5.93E-04	3.18E-06	2.36E-03	2.95E-03
2525	497414.44	3858301.52	0.04139	0.03635	0.04277	6.16E-04	2.57E-06	1.11E-03	0.001731	6.29E-04	2.53E-06	1.24E-03	0.00187	5.98E-04	3.21E-06	2.38E-03	2.98E-03
2526	497464.44	3858301.52	0.04095	0.03601	0.04229	6.10E-04	2.54E-06	1.10E-03	0.001712	6.23E-04	2.50E-06	1.22E-03	0.001849	5.92E-04	3.18E-06	2.35E-03	2.94E-03
2527	497514.44	3858301.52	0.04065	0.03579	0.04199	6.05E-04	2.53E-06	1.09E-03	0.0017	6.18E-04	2.49E-06	1.22E-03	0.001836	5.87E-04	3.16E-06	2.33E-03	2.92E-03
2528	497564.44	3858301.52	0.04021	0.03545	0.04152	5.99E-04	2.50E-06	1.08E-03	0.001681	6.12E-04	2.46E-06	1.20E-03	0.001815	5.81E-04	3.13E-06	2.31E-03	2.89E-03
2529	497614.44	3858301.52	0.04005	0.03536	0.04136	5.96E-04	2.50E-06	1.08E-03	0.001675	6.09E-04	2.46E-06	1.20E-03	0.001808	5.79E-04	3.12E-06	2.30E-03	2.88E-03
2530	497364.44	3858351.52	0.0413	0.036	0.04267	6.15E-04	2.54E-06	1.11E-03	0.001727	6.28E-04	2.50E-06	1.23E-03	0.001865	5.97E-04	3.18E-06	2.37E-03	2.97E-03
2531	497414.44	3858351.52	0.04102	0.03581	0.04237	6.11E-04	2.53E-06	1.10E-03	0.001715	6.24E-04	2.49E-06	1.23E-03	0.001852	5.93E-04	3.16E-06	2.35E-03	2.95E-03
2532	497464.44	3858351.52	0.04089	0.03576	0.04225	6.09E-04	2.52E-06	1.10E-03	0.00171	6.22E-04	2.49E-06	1.22E-03	0.001847	5.91E-04	3.16E-06	2.35E-03	2.94E-03
2533	497514.44	3858351.52	0.04065	0.03561	0.042	6.05E-04	2.51E-06	1.09E-03	0.0017	6.18E-04	2.47E-06	1.22E-03	0.001836	5.87E-04	3.14E-06	2.33E-03	2.92E-03
2534	497564.44	3858351.52	0.0401	0.03515	0.0414	5.97E-04	2.48E-06	1.08E-03	0.001676	6.10E-04	2.44E-06	1.20E-03	0.00181	5.79E-04	3.10E-06	2.30E-03	2.88E-03

2535	497614.44	3858351.52	0.03996	0.03509	0.04126	5.95E-04	2.48E-06	1.07E-03	0.001671	6.08E-04	2.44E-06	1.19E-03	0.001804	5.77E-04	3.10E-06	2.29E-03	2.87E-03
2536	497364.44	3858401.52	0.04086	0.03542	0.0422	6.08E-04	2.50E-06	1.10E-03	0.001709	6.21E-04	2.46E-06	1.22E-03	0.001845	5.90E-04	3.13E-06	2.34E-03	2.94E-03
2537	497414.44	3858401.52	0.04084	0.03547	0.04218	6.08E-04	2.50E-06	1.10E-03	0.001708	6.21E-04	2.47E-06	1.22E-03	0.001844	5.90E-04	3.13E-06	2.34E-03	2.94E-03
2538	497464.44	3858401.52	0.04053	0.03525	0.04186	6.03E-04	2.49E-06	1.09E-03	0.001695	6.16E-04	2.45E-06	1.21E-03	0.00183	5.86E-04	3.11E-06	2.33E-03	2.91E-03
2539	497514.44	3858401.52	0.04036	0.03515	0.04168	6.01E-04	2.48E-06	1.08E-03	0.001688	6.14E-04	2.44E-06	1.21E-03	0.001822	5.83E-04	3.10E-06	2.32E-03	2.90E-03
2540	497564.44	3858401.52	0.04073	0.03555	0.04209	6.06E-04	2.51E-06	1.10E-03	0.001704	6.19E-04	2.47E-06	1.22E-03	0.00184	5.89E-04	3.14E-06	2.34E-03	2.93E-03
2541	497614.44	3858401.52	0.04104	0.0359	0.04243	6.11E-04	2.53E-06	1.10E-03	0.001717	6.24E-04	2.50E-06	1.23E-03	0.001854	5.93E-04	3.17E-06	2.36E-03	2.95E-03
2542	493478.11	3860497.94	0.05767	0.04771	0.05903	8.58E-04	3.37E-06	1.54E-03	0.002397	8.77E-04	3.32E-06	1.71E-03	0.002589	8.33E-04	4.21E-06	3.28E-03	4.12E-03
2543	493528.11	3860497.94	0.05749	0.04766	0.05888	8.56E-04	3.37E-06	1.53E-03	0.002391	8.74E-04	3.31E-06	1.70E-03	0.002581	8.31E-04	4.21E-06	3.27E-03	4.11E-03
2544	493478.11	3860547.94	0.05648	0.04668	0.05777	8.41E-04	3.30E-06	1.50E-03	0.002347	8.59E-04	3.24E-06	1.67E-03	0.002534	8.16E-04	4.12E-06	3.21E-03	4.03E-03
2545	493528.11	3860547.94	0.0563	0.04663	0.0576	8.38E-04	3.29E-06	1.50E-03	0.00234	8.56E-04	3.24E-06	1.67E-03	0.002526	8.14E-04	4.11E-06	3.20E-03	4.02E-03
2546	493478.11	3860597.94	0.05532	0.04569	0.05653	8.23E-04	3.23E-06	1.47E-03	0.002297	8.41E-04	3.18E-06	1.64E-03	0.00248	7.99E-04	4.03E-06	3.14E-03	3.94E-03
2547	493528.11	3860597.94	0.05515	0.04564	0.05638	8.21E-04	3.22E-06	1.47E-03	0.002291	8.39E-04	3.17E-06	1.63E-03	0.002473	7.97E-04	4.03E-06	3.13E-03	3.93E-03
2548	493561.88	3860524.64	0.05675	0.04709	0.05811	8.45E-04	3.32E-06	1.51E-03	0.00236	8.63E-04	3.27E-06	1.68E-03	0.002548	8.20E-04	4.15E-06	3.23E-03	4.05E-03
2549	493591.88	3860524.64	0.05667	0.04709	0.05806	8.44E-04	3.32E-06	1.51E-03	0.002357	8.62E-04	3.27E-06	1.68E-03	0.002545	8.19E-04	4.15E-06	3.23E-03	4.05E-03
2550	493561.88	3860554.64	0.05604	0.04647	0.05735	8.34E-04	3.28E-06	1.49E-03	0.002329	8.52E-04	3.23E-06	1.66E-03	0.002515	8.10E-04	4.10E-06	3.19E-03	4.00E-03
2551	493591.88	3860554.64	0.05598	0.0465	0.05733	8.33E-04	3.28E-06	1.49E-03	0.002328	8.51E-04	3.23E-06	1.66E-03	0.002514	8.09E-04	4.10E-06	3.19E-03	4.00E-03
2552	492880.5	3860293.11	0.0649	0.05227	0.0659	9.66E-04	3.69E-06	1.71E-03	0.002684	9.87E-04	3.63E-06	1.91E-03	0.002898	9.38E-04	4.61E-06	3.66E-03	4.60E-03
2553	492930.5	3860293.11	0.06479	0.05231	0.06587	9.64E-04	3.69E-06	1.71E-03	0.002682	9.85E-04	3.64E-06	1.91E-03	0.002895	9.36E-04	4.62E-06	3.66E-03	4.60E-03
2554	492980.5	3860293.11	0.06468	0.05236	0.06583	9.63E-04	3.70E-06	1.71E-03	0.002679	9.84E-04	3.64E-06	1.90E-03	0.002892	9.35E-04	4.62E-06	3.66E-03	4.60E-03
2555	493030.5	3860293.11	0.06465	0.05253	0.06597	9.62E-04	3.71E-06	1.72E-03	0.002682	9.83E-04	3.65E-06	1.91E-03	0.002896	9.34E-04	4.63E-06	3.67E-03	4.60E-03
2556	493080.5	3860293.11	0.06453	0.05263	0.066	9.61E-04	3.72E-06	1.72E-03	0.002681	9.81E-04	3.66E-06	1.91E-03	0.002895	9.32E-04	4.64E-06	3.67E-03	4.60E-03
2557	493130.5	3860293.11	0.0643	0.05251	0.06572	9.57E-04	3.71E-06	1.71E-03	0.002671	9.78E-04	3.65E-06	1.90E-03	0.002883	9.29E-04	4.63E-06	3.65E-03	4.59E-03
2558	493180.5	3860293.11	0.06403	0.05237	0.06543	9.53E-04	3.70E-06	1.70E-03	0.002659	9.74E-04	3.64E-06	1.89E-03	0.002871	9.25E-04	4.62E-06	3.64E-03	4.57E-03
2559	493230.5	3860293.11	0.06381	0.05231	0.06523	9.50E-04	3.69E-06	1.70E-03	0.002651	9.70E-04	3.64E-06	1.89E-03	0.002862	9.22E-04	4.62E-06	3.62E-03	4.55E-03
2560	493280.5	3860293.11	0.06365	0.05233	0.06516	9.47E-04	3.69E-06	1.70E-03	0.002646	9.68E-04	3.64E-06	1.89E-03	0.002857	9.20E-04	4.62E-06	3.62E-03	4.55E-03
2561	493330.5	3860293.11	0.06346	0.0523	0.06501	9.45E-04	3.69E-06	1.69E-03	0.00264	9.65E-04	3.63E-06	1.88E-03	0.00285	9.17E-04	4.61E-06	3.61E-03	4.53E-03
2562	493380.5	3860293.11	0.06325	0.05225	0.06484	9.41E-04	3.69E-06	1.69E-03	0.002632	9.62E-04	3.63E-06	1.88E-03	0.002842	9.14E-04	4.61E-06	3.60E-03	4.52E-03
2563	492880.5	3860343.11	0.0634	0.05103	0.0643	9.44E-04	3.60E-06	1.67E-03	0.00262	9.64E-04	3.55E-06	1.86E-03	0.002828	9.16E-04	4.50E-06	3.57E-03	4.49E-03
2564	492930.5	3860343.11	0.06328	0.05107	0.06427	9.42E-04	3.61E-06	1.67E-03	0.002618	9.62E-04	3.55E-06	1.86E-03	0.002826	9.14E-04	4.51E-06	3.57E-03	4.49E-03
2565	492980.5	3860343.11	0.06337	0.05133	0.06453	9.43E-04	3.62E-06	1.68E-03	0.002626	9.64E-04	3.57E-06	1.87E-03	0.002835	9.16E-04	4.53E-06	3.59E-03	4.51E-03
2566	493030.5	3860343.11	0.06321	0.05132	0.06443	9.41E-04	3.62E-06	1.68E-03	0.002621	9.61E-04	3.57E-06	1.86E-03	0.002829	9.13E-04	4.53E-06	3.58E-03	4.50E-03
2567	493080.5	3860343.11	0.06316	0.05146	0.06453	9.40E-04	3.63E-06	1.68E-03	0.002623	9.61E-04	3.58E-06	1.87E-03	0.002831	9.13E-04	4.54E-06	3.59E-03	4.50E-03
2568	493130.5	3860343.11	0.06296	0.0514	0.06433	9.37E-04	3.63E-06	1.67E-03	0.002614	9.58E-04	3.57E-06	1.86E-03	0.002823	9.10E-04	4.54E-06	3.57E-03	4.49E-03
2569	493180.5	3860343.11	0.06267	0.05124	0.06401	9.33E-04	3.62E-06	1.67E-03	0.002602	9.53E-04	3.56E-06	1.85E-03	0.002809	9.06E-04	4.52E-06	3.56E-03	4.47E-03
2570	493230.5	3860343.11	0.06248	0.05119	0.06384	9.30E-04	3.61E-06	1.66E-03	0.002594	9.50E-04	3.56E-06	1.85E-03	0.002801	9.03E-04	4.52E-06	3.55E-03	4.45E-03
2571	493280.5	3860343.11	0.06235	0.05123	0.0638	9.28E-04	3.62E-06	1.66E-03	0.002591	9.48E-04	3.56E-06	1.85E-03	0.002798	9.01E-04	4.52E-06	3.55E-03	4.45E-03
2572	493330.5	3860343.11	0.06219	0.05123	0.0637	9.26E-04	3.62E-06	1.66E-03	0.002587	9.46E-04	3.56E-06	1.84E-03	0.002793	8.99E-04	4.52E-06	3.54E-03	4.44E-03
2573	493380.5	3860343.11	0.06199	0.05119	0.06354	9.23E-04	3.61E-06	1.65E-03	0.002579	9.43E-04	3.56E-06	1.84E-03	0.002785	8.96E-04	4.52E-06	3.53E-03	4.43E-03
2574	492880.5	3860393.11	0.06191	0.0498	0.06271	9.22E-04	3.52E-06	1.63E-03	0.002556	9.42E-04	3.46E-06	1.81E-03	0.00276	8.95E-04	4.39E-06	3.48E-03	4.38E-03
2575	492930.5	3860393.11	0.06186	0.0499	0.06276	9.21E-04	3.52E-06	1.63E-03	0.002557	9.41E-04	3.47E-06	1.82E-03	0.00276	8.94E-04	4.40E-06	3.49E-03	4.39E-03
2576	492980.5	3860393.11	0.06185	0.05005	0.06289	9.21E-04	3.53E-06	1.64E-03	0.00256	9.41E-04	3.48E-06	1.82E-03	0.002764	8.94E-04	4.42E-06	3.49E-03	4.39E-03
2577	493030.5	3860393.11	0.06178	0.05014	0.06292	9.20E-04	3.54E-06	1.64E-03	0.00256	9.40E-04	3.48E-06	1.82E-03	0.002764	8.93E-04	4.42E-06	3.50E-03	4.39E-03
2578	493080.5	3860393.11	0.0618	0.05032	0.06309	9.20E-04	3.55E-06	1.64E-03	0.002565	9.40E-04	3.50E-06	1.83E-03	0.002769	8.93E-04	4.44E-06	3.51E-03	4.40E-03
2579	493130.5	3860393.11	0.06159	0.05023	0.06286	9.17E-04	3.55E-06	1.64E-03	0.002556	9.37E-04	3.49E-06	1.82E-03	0.002759	8.90E-04	4.43E-06	3.49E-03	4.39E-03
2580	493180.5	3860393.11	0.06129	0.05008	0.06256	9.12E-04	3.54E-06	1.63E-03	0.002543	9.32E-04	3.48E-06	1.81E-03	0.002746	8.86E-04	4.42E-06	3.48E-03	4.37E-03
2581	493230.5	3860393.11	0.06114	0.05007	0.06244	9.10E-04	3.54E-06	1.62E-03	0.002538	9.30E-04	3.48E-06	1.81E-03	0.00274	8.83E-04	4.42E-06	3.47E-03	4.36E-03

2582	493280.5	3860393.11	0.06107	0.05015	0.06245	9.09E-04	3.54E-06	1.62E-03	0.002537	9.29E-04	3.49E-06	1.81E-03	0.002739	8.82E-04	4.42E-06	3.47E-03	4.36E-03
2583	493330.5	3860393.11	0.06093	0.05017	0.06238	9.07E-04	3.54E-06	1.62E-03	0.002533	9.27E-04	3.49E-06	1.81E-03	0.002735	8.80E-04	4.43E-06	3.47E-03	4.35E-03
2584	493380.5	3860393.11	0.06075	0.05014	0.06225	9.04E-04	3.54E-06	1.62E-03	0.002527	9.24E-04	3.48E-06	1.80E-03	0.002729	8.78E-04	4.42E-06	3.46E-03	4.34E-03
2585	492880.5	3860443.11	0.06048	0.04863	0.06121	9.00E-04	3.43E-06	1.59E-03	0.002496	9.20E-04	3.38E-06	1.77E-03	0.002694	8.74E-04	4.29E-06	3.40E-03	4.28E-03
2586	492930.5	3860443.11	0.06037	0.04866	0.06117	8.99E-04	3.44E-06	1.59E-03	0.002493	9.18E-04	3.38E-06	1.77E-03	0.002692	8.72E-04	4.29E-06	3.40E-03	4.28E-03
2587	492980.5	3860443.11	0.06037	0.0488	0.06128	8.99E-04	3.45E-06	1.59E-03	0.002496	9.18E-04	3.39E-06	1.77E-03	0.002695	8.72E-04	4.31E-06	3.41E-03	4.28E-03
2588	493030.5	3860443.11	0.06035	0.04893	0.06137	8.98E-04	3.45E-06	1.60E-03	0.002498	9.18E-04	3.40E-06	1.78E-03	0.002697	8.72E-04	4.32E-06	3.41E-03	4.29E-03
2589	493080.5	3860443.11	0.06024	0.04896	0.06133	8.97E-04	3.46E-06	1.60E-03	0.002496	9.16E-04	3.40E-06	1.77E-03	0.002694	8.70E-04	4.32E-06	3.41E-03	4.28E-03
2590	493130.5	3860443.11	0.06012	0.049	0.06128	8.95E-04	3.46E-06	1.59E-03	0.002493	9.14E-04	3.41E-06	1.77E-03	0.002691	8.69E-04	4.32E-06	3.41E-03	4.28E-03
2591	493180.5	3860443.11	0.05987	0.04887	0.06102	8.91E-04	3.45E-06	1.59E-03	0.002482	9.11E-04	3.40E-06	1.77E-03	0.00268	8.65E-04	4.31E-06	3.39E-03	4.26E-03
2592	493230.5	3860443.11	0.05984	0.049	0.0611	8.91E-04	3.46E-06	1.59E-03	0.002484	9.10E-04	3.41E-06	1.77E-03	0.002682	8.65E-04	4.32E-06	3.40E-03	4.26E-03
2593	493280.5	3860443.11	0.05975	0.04904	0.06107	8.89E-04	3.46E-06	1.59E-03	0.002482	9.09E-04	3.41E-06	1.77E-03	0.002679	8.63E-04	4.33E-06	3.39E-03	4.26E-03
2594	493330.5	3860443.11	0.05968	0.04911	0.06108	8.88E-04	3.47E-06	1.59E-03	0.002481	9.08E-04	3.41E-06	1.77E-03	0.002679	8.62E-04	4.33E-06	3.39E-03	4.26E-03
2595	493380.5	3860443.11	0.0595	0.04907	0.06092	8.86E-04	3.46E-06	1.58E-03	0.002474	9.05E-04	3.41E-06	1.76E-03	0.002671	8.60E-04	4.33E-06	3.39E-03	4.25E-03
2596	493180.5	3860493.11	0.05861	0.04781	0.05969	8.72E-04	3.38E-06	1.55E-03	0.002429	8.91E-04	3.32E-06	1.73E-03	0.002622	8.47E-04	4.22E-06	3.32E-03	4.17E-03
2597	493230.5	3860493.11	0.05854	0.04789	0.05971	8.71E-04	3.38E-06	1.55E-03	0.002428	8.90E-04	3.33E-06	1.73E-03	0.002621	8.46E-04	4.23E-06	3.32E-03	4.17E-03
2598	493280.5	3860493.11	0.05847	0.04797	0.05973	8.70E-04	3.39E-06	1.55E-03	0.002428	8.89E-04	3.33E-06	1.73E-03	0.002621	8.45E-04	4.23E-06	3.32E-03	4.17E-03
2599	493330.5	3860493.11	0.05837	0.048	0.05968	8.69E-04	3.39E-06	1.55E-03	0.002425	8.88E-04	3.34E-06	1.73E-03	0.002618	8.43E-04	4.24E-06	3.32E-03	4.16E-03
2600	493380.5	3860493.11	0.05819	0.04796	0.05953	8.66E-04	3.39E-06	1.55E-03	0.002418	8.85E-04	3.33E-06	1.72E-03	0.002611	8.41E-04	4.23E-06	3.31E-03	4.15E-03
2601	493330.5	3860543.11	0.05712	0.04694	0.05836	8.50E-04	3.31E-06	1.52E-03	0.002372	8.69E-04	3.26E-06	1.69E-03	0.002561	8.25E-04	4.14E-06	3.24E-03	4.07E-03
2602	493380.5	3860543.11	0.05696	0.0469	0.05822	8.48E-04	3.31E-06	1.51E-03	0.002366	8.66E-04	3.26E-06	1.68E-03	0.002554	8.23E-04	4.14E-06	3.24E-03	4.06E-03
2603	494135.94	3860876.85	0.04792	0.04051	0.0492	7.13E-04	2.86E-06	1.28E-03	0.001996	7.29E-04	2.82E-06	1.42E-03	0.002155	6.92E-04	3.57E-06	2.73E-03	3.43E-03
2604	494185.94	3860876.85	0.04781	0.0405	0.04912	7.12E-04	2.86E-06	1.28E-03	0.001992	7.27E-04	2.81E-06	1.42E-03	0.002151	6.91E-04	3.57E-06	2.73E-03	3.42E-03
2605	494135.94	3860926.85	0.04696	0.03966	0.04818	6.99E-04	2.80E-06	1.25E-03	0.001955	7.14E-04	2.76E-06	1.39E-03	0.002111	6.79E-04	3.50E-06	2.68E-03	3.36E-03
2606	494185.94	3860926.85	0.04687	0.03967	0.04812	6.98E-04	2.80E-06	1.25E-03	0.001952	7.13E-04	2.76E-06	1.39E-03	0.002108	6.77E-04	3.50E-06	2.67E-03	3.35E-03
2607	494135.94	3860976.85	0.04602	0.03883	0.04719	6.85E-04	2.74E-06	1.23E-03	0.001915	7.00E-04	2.70E-06	1.37E-03	0.002068	6.65E-04	3.43E-06	2.62E-03	3.29E-03
2608	494185.94	3860976.85	0.04595	0.03885	0.04715	6.84E-04	2.74E-06	1.23E-03	0.001913	6.99E-04	2.70E-06	1.36E-03	0.002066	6.64E-04	3.43E-06	2.62E-03	3.29E-03
2609	494135.94	3861026.85	0.04509	0.038	0.04619	6.71E-04	2.68E-06	1.20E-03	0.001876	6.86E-04	2.64E-06	1.34E-03	0.002025	6.52E-04	3.35E-06	2.57E-03	3.22E-03
2610	494185.94	3861026.85	0.04503	0.03804	0.04617	6.70E-04	2.69E-06	1.20E-03	0.001874	6.85E-04	2.64E-06	1.34E-03	0.002024	6.51E-04	3.36E-06	2.57E-03	3.22E-03
2611	494135.94	3861076.85	0.04417	0.03719	0.04522	6.57E-04	2.63E-06	1.18E-03	0.001837	6.72E-04	2.58E-06	1.31E-03	0.001983	6.38E-04	3.28E-06	2.51E-03	3.15E-03
2612	494185.94	3861076.85	0.04412	0.03723	0.0452	6.57E-04	2.63E-06	1.18E-03	0.001835	6.71E-04	2.59E-06	1.31E-03	0.001982	6.38E-04	3.28E-06	2.51E-03	3.15E-03
2613	490360.04	3858710.04	0.22961	0.14209	0.21683	3.42E-03	1.00E-05	5.64E-03	0.009069	3.49E-03	9.88E-06	6.27E-03	0.009776	3.32E-03	1.25E-05	1.20E-02	1.54E-02
2614	490410.04	3858710.04	0.22538	0.14145	0.21446	3.35E-03	9.99E-06	5.58E-03	0.008944	3.43E-03	9.83E-06	6.21E-03	0.009643	3.26E-03	1.25E-05	1.19E-02	1.52E-02
2615	490460.04	3858710.04	0.22075	0.14076	0.21197	3.29E-03	9.94E-06	5.51E-03	0.00881	3.36E-03	9.78E-06	6.13E-03	0.009501	3.19E-03	1.24E-05	1.18E-02	1.50E-02
2616	490510.04	3858710.04	0.21676	0.13998	0.20944	3.23E-03	9.88E-06	5.45E-03	0.008685	3.30E-03	9.73E-06	6.06E-03	0.009367	3.13E-03	1.24E-05	1.16E-02	1.48E-02
2617	490560.04	3858710.04	0.21306	0.13919	0.20695	3.17E-03	9.83E-06	5.38E-03	0.008565	3.24E-03	9.67E-06	5.99E-03	0.009239	3.08E-03	1.23E-05	1.15E-02	1.46E-02
2618	490610.04	3858710.04	0.20937	0.13835	0.20449	3.12E-03	9.77E-06	5.32E-03	0.008446	3.18E-03	9.62E-06	5.92E-03	0.009111	3.03E-03	1.22E-05	1.14E-02	1.44E-02
2619	490660.04	3858710.04	0.20632	0.1376	0.20212	3.07E-03	9.72E-06	5.26E-03	0.008339	3.14E-03	9.56E-06	5.85E-03	0.008996	2.98E-03	1.21E-05	1.12E-02	1.42E-02
2620	490710.04	3858710.04	0.20252	0.13677	0.19862	3.01E-03	9.66E-06	5.17E-03	0.008191	3.08E-03	9.51E-06	5.75E-03	0.008837	2.93E-03	1.21E-05	1.10E-02	1.40E-02
2621	490760.04	3858710.04	0.19899	0.13496	0.19606	2.96E-03	9.53E-06	5.10E-03	0.008072	3.03E-03	9.38E-06	5.67E-03	0.008709	2.88E-03	1.19E-05	1.09E-02	1.38E-02
2622	490810.04	3858710.04	0.19555	0.13397	0.1935	2.91E-03	9.46E-06	5.03E-03	0.007954	2.97E-03	9.31E-06	5.60E-03	0.008583	2.83E-03	1.18E-05	1.08E-02	1.36E-02
2623	490860.04	3858710.04	0.19179	0.13283	0.19077	2.85E-03	9.38E-06	4.96E-03	0.007827	2.92E-03	9.23E-06	5.52E-03	0.008446	2.77E-03	1.17E-05	1.06E-02	1.34E-02
2624	490360.04	3858760.04	0.22218	0.13683	0.20867	3.31E-03	9.66E-06	5.43E-03	0.008746	3.38E-03	9.51E-06	6.04E-03	0.009427	3.21E-03	1.21E-05	1.16E-02	1.48E-02
2625	490410.04	3858760.04	0.21808	0.13628	0.20658	3.25E-03	9.62E-06	5.37E-03	0.00863	3.32E-03	9.47E-06	5.98E-03	0.009304	3.15E-03	1.20E-05	1.15E-02	1.46E-02
2626	490460.04	3858760.04	0.21391	0.13566	0.20433	3.18E-03	9.58E-06	5.32E-03	0.008509	3.25E-03	9.43E-06	5.91E-03	0.009175	3.09E-03	1.20E-05	1.14E-02	1.45E-02
2627	490510.04	3858760.04	0.20976	0.13495	0.20201	3.12E-03	9.53E-06	5.26E-03	0.008387	3.19E-03	9.38E-06	5.85E-03	0.009045	3.03E-03	1.19E-05	1.12E-02	1.43E-02
2628	490560.04	3858760.04	0.20605	0.13412	0.19974	3.07E-03	9.47E-06	5.20E-03	0.008273	3.13E-03	9.32E-06	5.78E-03	0.008923	2.98E-03	1.18E-05	1.11E-02	1.41E-02

2629	490610.04	3858760.04	0.20233	0.1334	0.19746	3.01E-03	9.42E-06	5.14E-03	0.008158	3.08E-03	9.27E-06	5.71E-03	0.0088	2.92E-03	1.18E-05	1.10E-02	1.39E-02
2630	490660.04	3858760.04	0.19887	0.13268	0.19404	2.96E-03	9.37E-06	5.05E-03	0.008018	3.02E-03	9.22E-06	5.62E-03	0.008649	2.87E-03	1.17E-05	1.08E-02	1.37E-02
2631	490710.04	3858760.04	0.19545	0.13094	0.19165	2.91E-03	9.25E-06	4.99E-03	0.007904	2.97E-03	9.10E-06	5.55E-03	0.008527	2.82E-03	1.16E-05	1.06E-02	1.35E-02
2632	490760.04	3858760.04	0.19184	0.12999	0.18913	2.86E-03	9.18E-06	4.92E-03	0.007785	2.92E-03	9.03E-06	5.47E-03	0.0084	2.77E-03	1.15E-05	1.05E-02	1.33E-02
2633	490810.04	3858760.04	0.1884	0.12903	0.18665	2.80E-03	9.11E-06	4.86E-03	0.007669	2.87E-03	8.97E-06	5.40E-03	0.008275	2.72E-03	1.14E-05	1.04E-02	1.31E-02
2634	490860.04	3858760.04	0.18525	0.12811	0.18428	2.76E-03	9.05E-06	4.79E-03	0.007561	2.82E-03	8.90E-06	5.33E-03	0.008159	2.68E-03	1.13E-05	1.02E-02	1.29E-02
2635	490360.04	3858810.04	0.21421	0.13189	0.20071	3.19E-03	9.31E-06	5.22E-03	0.008419	3.26E-03	9.17E-06	5.81E-03	0.009075	3.10E-03	1.16E-05	1.12E-02	1.43E-02
2636	490410.04	3858810.04	0.21025	0.13138	0.19881	3.13E-03	9.28E-06	5.17E-03	0.008311	3.20E-03	9.13E-06	5.75E-03	0.00896	3.04E-03	1.16E-05	1.10E-02	1.41E-02
2637	490460.04	3858810.04	0.20632	0.13078	0.19673	3.07E-03	9.23E-06	5.12E-03	0.008198	3.14E-03	9.09E-06	5.69E-03	0.00884	2.98E-03	1.15E-05	1.09E-02	1.39E-02
2638	490510.04	3858810.04	0.20283	0.13015	0.19468	3.02E-03	9.19E-06	5.06E-03	0.008093	3.08E-03	9.05E-06	5.63E-03	0.008727	2.93E-03	1.15E-05	1.08E-02	1.38E-02
2639	490560.04	3858810.04	0.19933	0.12934	0.19263	2.97E-03	9.13E-06	5.01E-03	0.007988	3.03E-03	8.99E-06	5.57E-03	0.008615	2.88E-03	1.14E-05	1.07E-02	1.36E-02
2640	490610.04	3858810.04	0.19548	0.12865	0.19053	2.91E-03	9.08E-06	4.96E-03	0.007876	2.97E-03	8.94E-06	5.51E-03	0.008495	2.82E-03	1.14E-05	1.06E-02	1.34E-02
2641	490660.04	3858810.04	0.19204	0.12702	0.18712	2.86E-03	8.97E-06	4.87E-03	0.007736	2.92E-03	8.83E-06	5.41E-03	0.008344	2.78E-03	1.12E-05	1.04E-02	1.32E-02
2642	490710.04	3858810.04	0.18851	0.12615	0.18477	2.81E-03	8.91E-06	4.81E-03	0.007622	2.87E-03	8.77E-06	5.35E-03	0.008223	2.72E-03	1.11E-05	1.03E-02	1.30E-02
2643	490760.04	3858810.04	0.18456	0.12512	0.18218	2.75E-03	8.83E-06	4.74E-03	0.007496	2.81E-03	8.70E-06	5.27E-03	0.008087	2.67E-03	1.10E-05	1.01E-02	1.28E-02
2644	490810.04	3858810.04	0.18195	0.12444	0.18017	2.71E-03	8.79E-06	4.69E-03	0.007404	2.77E-03	8.65E-06	5.21E-03	0.00799	2.63E-03	1.10E-05	1.00E-02	1.27E-02
2645	490860.04	3858810.04	0.17855	0.12348	0.17776	2.66E-03	8.72E-06	4.62E-03	0.007291	2.72E-03	8.58E-06	5.14E-03	0.007868	2.58E-03	1.09E-05	9.88E-03	1.25E-02
2646	490360.04	3858860.04	0.20574	0.12722	0.19293	3.06E-03	8.98E-06	5.02E-03	0.008091	3.13E-03	8.84E-06	5.58E-03	0.008721	2.97E-03	1.12E-05	1.07E-02	1.37E-02
2647	490410.04	3858860.04	0.20259	0.1267	0.19112	3.02E-03	8.95E-06	4.97E-03	0.007997	3.08E-03	8.81E-06	5.53E-03	0.00862	2.93E-03	1.12E-05	1.06E-02	1.36E-02
2648	490460.04	3858860.04	0.19874	0.12613	0.18926	2.96E-03	8.91E-06	4.92E-03	0.007891	3.02E-03	8.77E-06	5.48E-03	0.008508	2.87E-03	1.11E-05	1.05E-02	1.34E-02
2649	490510.04	3858860.04	0.19583	0.12558	0.18745	2.91E-03	8.87E-06	4.88E-03	0.0078	2.98E-03	8.73E-06	5.42E-03	0.008411	2.83E-03	1.11E-05	1.04E-02	1.33E-02
2650	490560.04	3858860.04	0.19229	0.12474	0.18559	2.86E-03	8.81E-06	4.83E-03	0.007699	2.92E-03	8.67E-06	5.37E-03	0.008304	2.78E-03	1.10E-05	1.03E-02	1.31E-02
2651	490610.04	3858860.04	0.18826	0.12312	0.18228	2.80E-03	8.69E-06	4.74E-03	0.007553	2.86E-03	8.56E-06	5.27E-03	0.008146	2.72E-03	1.09E-05	1.01E-02	1.29E-02
2652	490660.04	3858860.04	0.18505	0.12237	0.1802	2.75E-03	8.64E-06	4.69E-03	0.007451	2.81E-03	8.51E-06	5.21E-03	0.008037	2.67E-03	1.08E-05	1.00E-02	1.27E-02
2653	490710.04	3858860.04	0.18226	0.12172	0.17826	2.71E-03	8.59E-06	4.64E-03	0.007359	2.77E-03	8.46E-06	5.16E-03	0.007939	2.63E-03	1.07E-05	9.91E-03	1.25E-02
2654	490760.04	3858860.04	0.17856	0.12077	0.17587	2.66E-03	8.53E-06	4.58E-03	0.007242	2.72E-03	8.39E-06	5.09E-03	0.007813	2.58E-03	1.07E-05	9.77E-03	1.24E-02
2655	490810.04	3858860.04	0.17505	0.11984	0.17352	2.61E-03	8.46E-06	4.51E-03	0.007128	2.66E-03	8.33E-06	5.02E-03	0.007692	2.53E-03	1.06E-05	9.64E-03	1.22E-02
2656	490860.04	3858860.04	0.1715	0.11884	0.17108	2.55E-03	8.39E-06	4.45E-03	0.007012	2.61E-03	8.26E-06	4.95E-03	0.007567	2.48E-03	1.05E-05	9.51E-03	1.20E-02
2657	490360.04	3858910.04	0.19833	0.12268	0.18511	2.95E-03	8.66E-06	4.82E-03	0.007777	3.02E-03	8.53E-06	5.36E-03	0.008381	2.87E-03	1.08E-05	1.03E-02	1.32E-02
2658	490410.04	3858910.04	0.19506	0.12224	0.1836	2.90E-03	8.63E-06	4.78E-03	0.007689	2.97E-03	8.50E-06	5.31E-03	0.008288	2.82E-03	1.08E-05	1.02E-02	1.30E-02
2659	490460.04	3858910.04	0.19174	0.12174	0.18198	2.85E-03	8.60E-06	4.73E-03	0.007597	2.92E-03	8.46E-06	5.27E-03	0.008191	2.77E-03	1.07E-05	1.01E-02	1.29E-02
2660	490510.04	3858910.04	0.18835	0.1212	0.18032	2.80E-03	8.56E-06	4.69E-03	0.007503	2.86E-03	8.42E-06	5.22E-03	0.008091	2.72E-03	1.07E-05	1.00E-02	1.28E-02
2661	490560.04	3858910.04	0.18484	0.1203	0.17862	2.75E-03	8.49E-06	4.65E-03	0.007407	2.81E-03	8.36E-06	5.17E-03	0.007988	2.67E-03	1.06E-05	9.93E-03	1.26E-02
2662	490610.04	3858910.04	0.18133	0.11868	0.17539	2.70E-03	8.38E-06	4.56E-03	0.00727	2.76E-03	8.25E-06	5.08E-03	0.007841	2.62E-03	1.05E-05	9.75E-03	1.24E-02
2663	490660.04	3858910.04	0.17827	0.11795	0.17345	2.65E-03	8.33E-06	4.51E-03	0.007174	2.71E-03	8.20E-06	5.02E-03	0.007739	2.58E-03	1.04E-05	9.64E-03	1.22E-02
2664	490710.04	3858910.04	0.17494	0.11712	0.17134	2.60E-03	8.27E-06	4.46E-03	0.00707	2.66E-03	8.14E-06	4.96E-03	0.007627	2.53E-03	1.03E-05	9.52E-03	1.21E-02
2665	490760.04	3858910.04	0.17124	0.11614	0.169	2.55E-03	8.20E-06	4.40E-03	0.006954	2.60E-03	8.07E-06	4.89E-03	0.007503	2.47E-03	1.02E-05	9.39E-03	1.19E-02
2666	490810.04	3858910.04	0.16827	0.11537	0.16697	2.50E-03	8.15E-06	4.34E-03	0.006857	2.56E-03	8.02E-06	4.83E-03	0.007399	2.43E-03	1.02E-05	9.28E-03	1.17E-02
2667	490860.04	3858910.04	0.16457	0.1143	0.16445	2.45E-03	8.07E-06	4.28E-03	0.006736	2.50E-03	7.94E-06	4.76E-03	0.00727	2.38E-03	1.01E-05	9.14E-03	1.15E-02
2668	490360.04	3858960.04	0.19032	0.11844	0.17766	2.83E-03	8.36E-06	4.62E-03	0.007463	2.89E-03	8.23E-06	5.14E-03	0.008044	2.75E-03	1.05E-05	9.87E-03	1.26E-02
2669	490410.04	3858960.04	0.18712	0.11802	0.17628	2.79E-03	8.33E-06	4.59E-03	0.00738	2.85E-03	8.20E-06	5.10E-03	0.007955	2.70E-03	1.04E-05	9.80E-03	1.25E-02
2670	490460.04	3858960.04	0.1838	0.11752	0.17482	2.74E-03	8.30E-06	4.55E-03	0.007292	2.80E-03	8.17E-06	5.06E-03	0.007862	2.66E-03	1.04E-05	9.71E-03	1.24E-02
2671	490510.04	3858960.04	0.18067	0.11664	0.17334	2.69E-03	8.24E-06	4.51E-03	0.007207	2.75E-03	8.11E-06	5.02E-03	0.007772	2.61E-03	1.03E-05	9.63E-03	1.23E-02
2672	490560.04	3858960.04	0.17759	0.11607	0.17047	2.64E-03	8.20E-06	4.43E-03	0.007087	2.70E-03	8.07E-06	4.93E-03	0.007642	2.57E-03	1.02E-05	9.47E-03	1.20E-02
2673	490610.04	3858960.04	0.17397	0.11428	0.16842	2.59E-03	8.07E-06	4.38E-03	0.006979	2.65E-03	7.94E-06	4.87E-03	0.007527	2.51E-03	1.01E-05	9.36E-03	1.19E-02
2674	490660.04	3858960.04	0.17161	0.11373	0.16686	2.55E-03	8.03E-06	4.34E-03	0.006903	2.61E-03	7.90E-06	4.83E-03	0.007446	2.48E-03	1.00E-05	9.27E-03	1.18E-02
2675	490710.04	3858960.04	0.16805	0.11279	0.1647	2.50E-03	7.96E-06	4.28E-03	0.006794	2.56E-03	7.84E-06	4.77E-03	0.00733	2.43E-03	9.95E-06	9.15E-03	1.16E-02

2676	490760.04	3858960.04	0.16476	0.11191	0.16261	2.45E-03	7.90E-06	4.23E-03	0.006691	2.51E-03	7.78E-06	4.71E-03	0.007219	2.38E-03	9.87E-06	9.04E-03	1.14E-02
2677	490810.04	3858960.04	0.16145	0.11099	0.16042	2.40E-03	7.84E-06	4.17E-03	0.006584	2.46E-03	7.71E-06	4.64E-03	0.007105	2.33E-03	9.79E-06	8.91E-03	1.13E-02
2678	490860.04	3858960.04	0.1577	0.10984	0.15786	2.35E-03	7.76E-06	4.11E-03	0.006462	2.40E-03	7.63E-06	4.57E-03	0.006974	2.28E-03	9.69E-06	8.77E-03	1.11E-02
2679	490360.04	3859010.04	0.18245	0.11441	0.17045	2.72E-03	8.08E-06	4.43E-03	0.007158	2.77E-03	7.95E-06	4.93E-03	0.007715	2.64E-03	1.01E-05	9.47E-03	1.21E-02
2680	490410.04	3859010.04	0.17935	0.11399	0.16921	2.67E-03	8.05E-06	4.40E-03	0.00708	2.73E-03	7.92E-06	4.90E-03	0.007632	2.59E-03	1.01E-05	9.40E-03	1.20E-02
2681	490460.04	3859010.04	0.17589	0.11311	0.16787	2.62E-03	7.99E-06	4.37E-03	0.006993	2.68E-03	7.86E-06	4.86E-03	0.007541	2.54E-03	9.98E-06	9.33E-03	1.19E-02
2682	490510.04	3859010.04	0.17247	0.11162	0.16498	2.57E-03	7.88E-06	4.29E-03	0.006867	2.62E-03	7.76E-06	4.77E-03	0.007405	2.49E-03	9.85E-06	9.17E-03	1.17E-02
2683	490560.04	3859010.04	0.17004	0.11101	0.16353	2.53E-03	7.84E-06	4.25E-03	0.006793	2.59E-03	7.72E-06	4.73E-03	0.007326	2.46E-03	9.79E-06	9.09E-03	1.16E-02
2684	490610.04	3859010.04	0.16668	0.11009	0.1616	2.48E-03	7.77E-06	4.20E-03	0.006693	2.53E-03	7.65E-06	4.68E-03	0.007219	2.41E-03	9.71E-06	8.98E-03	1.14E-02
2685	490660.04	3859010.04	0.16458	0.10957	0.16022	2.45E-03	7.74E-06	4.17E-03	0.006626	2.50E-03	7.62E-06	4.64E-03	0.007147	2.38E-03	9.67E-06	8.90E-03	1.13E-02
2686	490710.04	3859010.04	0.16107	0.10858	0.15812	2.40E-03	7.67E-06	4.11E-03	0.006519	2.45E-03	7.55E-06	4.58E-03	0.007033	2.33E-03	9.58E-06	8.79E-03	1.11E-02
2687	490760.04	3859010.04	0.15779	0.10764	0.15604	2.35E-03	7.60E-06	4.06E-03	0.006416	2.40E-03	7.48E-06	4.52E-03	0.006923	2.28E-03	9.50E-06	8.67E-03	1.10E-02
2688	490810.04	3859010.04	0.15444	0.10663	0.15381	2.30E-03	7.53E-06	4.00E-03	0.006308	2.35E-03	7.41E-06	4.45E-03	0.006807	2.23E-03	9.41E-06	8.55E-03	1.08E-02
2689	490860.04	3859010.04	0.15132	0.10566	0.15161	2.25E-03	7.46E-06	3.94E-03	0.006204	2.30E-03	7.34E-06	4.39E-03	0.006696	2.19E-03	9.32E-06	8.42E-03	1.06E-02
2690	490360.04	3859060.04	0.17457	0.11055	0.16351	2.60E-03	7.81E-06	4.25E-03	0.00686	2.65E-03	7.68E-06	4.73E-03	0.007394	2.52E-03	9.75E-06	9.09E-03	1.16E-02
2691	490410.04	3859060.04	0.17116	0.10977	0.16236	2.55E-03	7.75E-06	4.22E-03	0.006779	2.60E-03	7.63E-06	4.70E-03	0.007309	2.47E-03	9.69E-06	9.02E-03	1.15E-02
2692	490460.04	3859060.04	0.16812	0.10922	0.16118	2.50E-03	7.71E-06	4.19E-03	0.006703	2.56E-03	7.59E-06	4.66E-03	0.007229	2.43E-03	9.64E-06	8.96E-03	1.14E-02
2693	490510.04	3859060.04	0.1653	0.10779	0.15833	2.46E-03	7.61E-06	4.12E-03	0.006587	2.51E-03	7.49E-06	4.58E-03	0.007103	2.39E-03	9.51E-06	8.80E-03	1.12E-02
2694	490560.04	3859060.04	0.16209	0.10686	0.15654	2.41E-03	7.55E-06	4.07E-03	0.006493	2.47E-03	7.43E-06	4.53E-03	0.007002	2.34E-03	9.43E-06	8.70E-03	1.10E-02
2695	490610.04	3859060.04	0.15963	0.10616	0.15506	2.38E-03	7.50E-06	4.03E-03	0.006418	2.43E-03	7.38E-06	4.49E-03	0.006922	2.31E-03	9.37E-06	8.62E-03	1.09E-02
2696	490660.04	3859060.04	0.15729	0.10549	0.1536	2.34E-03	7.45E-06	4.00E-03	0.006345	2.39E-03	7.33E-06	4.44E-03	0.006844	2.27E-03	9.31E-06	8.53E-03	1.08E-02
2697	490710.04	3859060.04	0.15388	0.10445	0.15153	2.29E-03	7.38E-06	3.94E-03	0.00624	2.34E-03	7.26E-06	4.38E-03	0.006732	2.22E-03	9.22E-06	8.42E-03	1.07E-02
2698	490760.04	3859060.04	0.1507	0.10345	0.14947	2.24E-03	7.30E-06	3.89E-03	0.006139	2.29E-03	7.19E-06	4.33E-03	0.006624	2.18E-03	9.13E-06	8.31E-03	1.05E-02
2699	490810.04	3859060.04	0.14741	0.10236	0.14723	2.19E-03	7.23E-06	3.83E-03	0.006032	2.24E-03	7.11E-06	4.26E-03	0.006509	2.13E-03	9.03E-06	8.18E-03	1.03E-02
2700	490860.04	3859060.04	0.14436	0.10132	0.14504	2.15E-03	7.15E-06	3.77E-03	0.005929	2.20E-03	7.04E-06	4.20E-03	0.0064	2.09E-03	8.94E-06	8.06E-03	1.02E-02
2701	490360.04	3859110.04	0.16722	0.10681	0.15689	2.49E-03	7.54E-06	4.08E-03	0.006578	2.54E-03	7.42E-06	4.54E-03	0.007091	2.42E-03	9.42E-06	8.72E-03	1.11E-02
2702	490410.04	3859110.04	0.16409	0.10612	0.15589	2.44E-03	7.49E-06	4.06E-03	0.006506	2.50E-03	7.38E-06	4.51E-03	0.007014	2.37E-03	9.36E-06	8.66E-03	1.10E-02
2703	490460.04	3859110.04	0.1616	0.10565	0.15488	2.41E-03	7.46E-06	4.03E-03	0.006442	2.46E-03	7.34E-06	4.48E-03	0.006947	2.34E-03	9.32E-06	8.61E-03	1.10E-02
2704	490510.04	3859110.04	0.15777	0.10404	0.15172	2.35E-03	7.35E-06	3.95E-03	0.006303	2.40E-03	7.23E-06	4.39E-03	0.006797	2.28E-03	9.18E-06	8.43E-03	1.07E-02
2705	490560.04	3859110.04	0.15503	0.1032	0.15016	2.31E-03	7.29E-06	3.91E-03	0.006221	2.36E-03	7.17E-06	4.35E-03	0.00671	2.24E-03	9.11E-06	8.34E-03	1.06E-02
2706	490610.04	3859110.04	0.15201	0.10224	0.14842	2.26E-03	7.22E-06	3.86E-03	0.006131	2.31E-03	7.11E-06	4.29E-03	0.006614	2.20E-03	9.02E-06	8.25E-03	1.05E-02
2707	490660.04	3859110.04	0.14865	0.10112	0.14638	2.21E-03	7.14E-06	3.81E-03	0.006028	2.26E-03	7.03E-06	4.24E-03	0.006504	2.15E-03	8.92E-06	8.13E-03	1.03E-02
2708	490710.04	3859110.04	0.14636	0.10035	0.14485	2.18E-03	7.09E-06	3.77E-03	0.005954	2.23E-03	6.97E-06	4.19E-03	0.006425	2.11E-03	8.85E-06	8.05E-03	1.02E-02
2709	490760.04	3859110.04	0.14352	0.09935	0.14293	2.14E-03	7.01E-06	3.72E-03	0.005862	2.18E-03	6.91E-06	4.14E-03	0.006326	2.07E-03	8.77E-06	7.94E-03	1.00E-02
2710	490810.04	3859110.04	0.14015	0.0981	0.14056	2.09E-03	6.93E-06	3.66E-03	0.00575	2.13E-03	6.82E-06	4.07E-03	0.006206	2.03E-03	8.66E-06	7.81E-03	9.84E-03
2711	490860.04	3859110.04	0.13683	0.0968	0.13808	2.04E-03	6.83E-06	3.59E-03	0.005636	2.08E-03	6.73E-06	4.00E-03	0.006083	1.98E-03	8.54E-06	7.67E-03	9.66E-03
2712	490360.04	3859160.04	0.16023	0.10317	0.15057	2.38E-03	7.28E-06	3.92E-03	0.006309	2.44E-03	7.17E-06	4.36E-03	0.006801	2.32E-03	9.10E-06	8.37E-03	1.07E-02
2713	490410.04	3859160.04	0.15753	0.1029	0.14974	2.34E-03	7.27E-06	3.90E-03	0.006248	2.40E-03	7.15E-06	4.33E-03	0.006736	2.28E-03	9.08E-06	8.32E-03	1.06E-02
2714	490460.04	3859160.04	0.15491	0.10218	0.14883	2.31E-03	7.21E-06	3.87E-03	0.006185	2.36E-03	7.10E-06	4.31E-03	0.00667	2.24E-03	9.02E-06	8.27E-03	1.05E-02
2715	490510.04	3859160.04	0.15213	0.101	0.14619	2.26E-03	7.13E-06	3.80E-03	0.006075	2.31E-03	7.02E-06	4.23E-03	0.006551	2.20E-03	8.91E-06	8.12E-03	1.03E-02
2716	490560.04	3859160.04	0.14878	0.09998	0.14439	2.21E-03	7.06E-06	3.76E-03	0.005978	2.26E-03	6.95E-06	4.18E-03	0.006448	2.15E-03	8.82E-06	8.02E-03	1.02E-02
2717	490610.04	3859160.04	0.14629	0.09914	0.14292	2.18E-03	7.00E-06	3.72E-03	0.005903	2.22E-03	6.89E-06	4.14E-03	0.006368	2.11E-03	8.75E-06	7.94E-03	1.01E-02
2718	490660.04	3859160.04	0.14153	0.09744	0.14009	2.11E-03	6.88E-06	3.64E-03	0.005758	2.15E-03	6.77E-06	4.05E-03	0.006213	2.05E-03	8.60E-06	7.78E-03	9.84E-03
2719	490710.04	3859160.04	0.13923	0.09655	0.1385	2.07E-03	6.82E-06	3.60E-03	0.005682	2.12E-03	6.71E-06	4.01E-03	0.006132	2.01E-03	8.52E-06	7.70E-03	9.72E-03
2720	490760.04	3859160.04	0.13534	0.09496	0.13579	2.01E-03	6.70E-06	3.53E-03	0.005554	2.06E-03	6.60E-06	3.93E-03	0.005994	1.96E-03	8.38E-06	7.55E-03	9.51E-03
2721	490810.04	3859160.04	0.13296	0.09397	0.13397	1.98E-03	6.64E-06	3.49E-03	0.005471	2.02E-03	6.53E-06	3.88E-03	0.005905	1.92E-03	8.29E-06	7.44E-03	9.37E-03
2722	490860.04	3859160.04	0.13034	0.09285	0.13191	1.94E-03	6.56E-06	3.43E-03	0.005378	1.98E-03	6.45E-06	3.82E-03	0.005806	1.88E-03	8.19E-06	7.33E-03	9.22E-03

2723	490360.04	3859210.04	0.15343	0.09958	0.14452	2.28E-03	7.03E-06	3.76E-03	0.006051	2.33E-03	6.92E-06	4.18E-03	0.006522	2.22E-03	8.79E-06	8.03E-03	1.03E-02
2724	490410.04	3859210.04	0.15173	0.09946	0.14389	2.26E-03	7.02E-06	3.74E-03	0.006009	2.31E-03	6.91E-06	4.16E-03	0.006478	2.19E-03	8.78E-06	8.00E-03	1.02E-02
2725	490460.04	3859210.04	0.14854	0.09885	0.14306	2.21E-03	6.98E-06	3.72E-03	0.00594	2.26E-03	6.87E-06	4.14E-03	0.006406	2.15E-03	8.72E-06	7.95E-03	1.01E-02
2726	490510.04	3859210.04	0.14584	0.09786	0.14058	2.17E-03	6.91E-06	3.66E-03	0.005835	2.22E-03	6.80E-06	4.07E-03	0.006293	2.11E-03	8.63E-06	7.81E-03	9.93E-03
2727	490560.04	3859210.04	0.14375	0.09723	0.13938	2.14E-03	6.87E-06	3.63E-03	0.005773	2.19E-03	6.76E-06	4.03E-03	0.006226	2.08E-03	8.58E-06	7.74E-03	9.83E-03
2728	490610.04	3859210.04	0.14094	0.09631	0.1378	2.10E-03	6.80E-06	3.58E-03	0.00569	2.14E-03	6.69E-06	3.99E-03	0.006138	2.04E-03	8.50E-06	7.66E-03	9.70E-03
2729	490660.04	3859210.04	0.13684	0.09489	0.13545	2.04E-03	6.70E-06	3.52E-03	0.005567	2.08E-03	6.60E-06	3.92E-03	0.006007	1.98E-03	8.37E-06	7.53E-03	9.51E-03
2730	490710.04	3859210.04	0.13417	0.09388	0.13376	2.00E-03	6.63E-06	3.48E-03	0.005484	2.04E-03	6.52E-06	3.87E-03	0.005918	1.94E-03	8.28E-06	7.43E-03	9.38E-03
2731	490760.04	3859210.04	0.13038	0.09214	0.13094	1.94E-03	6.51E-06	3.41E-03	0.005354	1.98E-03	6.40E-06	3.79E-03	0.005778	1.88E-03	8.13E-06	7.28E-03	9.17E-03
2732	490810.04	3859210.04	0.12939	0.0917	0.13012	1.93E-03	6.47E-06	3.39E-03	0.005318	1.97E-03	6.37E-06	3.77E-03	0.00574	1.87E-03	8.09E-06	7.23E-03	9.11E-03
2733	490860.04	3859210.04	0.12824	0.09122	0.12918	1.91E-03	6.44E-06	3.36E-03	0.005276	1.95E-03	6.34E-06	3.74E-03	0.005695	1.85E-03	8.05E-06	7.18E-03	9.04E-03
2734	490360.04	3859260.04	0.14665	0.09606	0.13872	2.18E-03	6.78E-06	3.61E-03	0.005799	2.23E-03	6.68E-06	4.01E-03	0.006251	2.12E-03	8.48E-06	7.71E-03	9.84E-03
2735	490410.04	3859260.04	0.14497	0.09602	0.1382	2.16E-03	6.78E-06	3.60E-03	0.00576	2.20E-03	6.67E-06	4.00E-03	0.006211	2.09E-03	8.47E-06	7.68E-03	9.78E-03
2736	490460.04	3859260.04	0.14345	0.0959	0.13763	2.14E-03	6.77E-06	3.58E-03	0.005723	2.18E-03	6.67E-06	3.98E-03	0.006171	2.07E-03	8.46E-06	7.65E-03	9.73E-03
2737	490510.04	3859260.04	0.14183	0.09545	0.13702	2.11E-03	6.74E-06	3.56E-03	0.005683	2.16E-03	6.63E-06	3.96E-03	0.006129	2.05E-03	8.42E-06	7.61E-03	9.67E-03
2738	490560.04	3859260.04	0.13956	0.09468	0.13492	2.08E-03	6.69E-06	3.51E-03	0.005594	2.12E-03	6.58E-06	3.90E-03	0.006033	2.02E-03	8.35E-06	7.50E-03	9.52E-03
2739	490610.04	3859260.04	0.13631	0.09376	0.13319	2.03E-03	6.62E-06	3.47E-03	0.005501	2.07E-03	6.52E-06	3.85E-03	0.005934	1.97E-03	8.27E-06	7.40E-03	9.38E-03
2740	490660.04	3859260.04	0.13521	0.09334	0.13244	2.01E-03	6.59E-06	3.45E-03	0.005465	2.06E-03	6.49E-06	3.83E-03	0.005895	1.95E-03	8.24E-06	7.36E-03	9.32E-03
2741	490710.04	3859260.04	0.13311	0.09264	0.13126	1.98E-03	6.54E-06	3.41E-03	0.005403	2.02E-03	6.44E-06	3.80E-03	0.005829	1.92E-03	8.17E-06	7.29E-03	9.23E-03
2742	490760.04	3859260.04	0.12955	0.0912	0.12894	1.93E-03	6.44E-06	3.35E-03	0.005289	1.97E-03	6.34E-06	3.73E-03	0.005708	1.87E-03	8.05E-06	7.16E-03	9.04E-03
2743	490810.04	3859260.04	0.1282	0.09059	0.12794	1.91E-03	6.40E-06	3.33E-03	0.005243	1.95E-03	6.30E-06	3.70E-03	0.005658	1.85E-03	7.99E-06	7.11E-03	8.97E-03
2744	490860.04	3859260.04	0.12682	0.08998	0.12689	1.89E-03	6.35E-06	3.30E-03	0.005195	1.93E-03	6.25E-06	3.67E-03	0.005607	1.83E-03	7.94E-06	7.05E-03	8.89E-03
2745	490360.04	3859310.04	0.1408	0.09247	0.13299	2.10E-03	6.53E-06	3.46E-03	0.005562	2.14E-03	6.43E-06	3.85E-03	0.005996	2.03E-03	8.16E-06	7.39E-03	9.43E-03
2746	490410.04	3859310.04	0.13938	0.09261	0.13278	2.07E-03	6.54E-06	3.45E-03	0.005536	2.12E-03	6.44E-06	3.84E-03	0.005969	2.01E-03	8.17E-06	7.38E-03	9.40E-03
2747	490460.04	3859310.04	0.13801	0.09262	0.13235	2.05E-03	6.54E-06	3.44E-03	0.005504	2.10E-03	6.44E-06	3.83E-03	0.005935	1.99E-03	8.17E-06	7.35E-03	9.36E-03
2748	490510.04	3859310.04	0.13681	0.09256	0.13188	2.04E-03	6.54E-06	3.43E-03	0.005474	2.08E-03	6.43E-06	3.82E-03	0.005903	1.98E-03	8.17E-06	7.33E-03	9.31E-03
2749	490560.04	3859310.04	0.13545	0.09218	0.13136	2.02E-03	6.51E-06	3.42E-03	0.00544	2.06E-03	6.41E-06	3.80E-03	0.005868	1.96E-03	8.13E-06	7.30E-03	9.26E-03
2750	490610.04	3859310.04	0.13422	0.09197	0.13082	2.00E-03	6.49E-06	3.40E-03	0.005408	2.04E-03	6.39E-06	3.79E-03	0.005833	1.94E-03	8.11E-06	7.27E-03	9.22E-03
2751	490660.04	3859310.04	0.1326	0.09132	0.12893	1.97E-03	6.45E-06	3.35E-03	0.005334	2.02E-03	6.35E-06	3.73E-03	0.005754	1.92E-03	8.06E-06	7.16E-03	9.09E-03
2752	490710.04	3859310.04	0.12966	0.09044	0.12733	1.93E-03	6.39E-06	3.31E-03	0.005249	1.97E-03	6.29E-06	3.68E-03	0.005663	1.87E-03	7.98E-06	7.08E-03	8.96E-03
2753	490760.04	3859310.04	0.12766	0.08973	0.12612	1.90E-03	6.34E-06	3.28E-03	0.005188	1.94E-03	6.24E-06	3.65E-03	0.005597	1.84E-03	7.92E-06	7.01E-03	8.86E-03
2754	490810.04	3859310.04	0.12635	0.08917	0.12522	1.88E-03	6.30E-06	3.26E-03	0.005145	1.92E-03	6.20E-06	3.62E-03	0.005551	1.83E-03	7.87E-06	6.96E-03	8.79E-03
2755	490860.04	3859310.04	0.12441	0.08836	0.12392	1.85E-03	6.24E-06	3.22E-03	0.005082	1.89E-03	6.14E-06	3.59E-03	0.005484	1.80E-03	7.80E-06	6.89E-03	8.69E-03
2756	490360.04	3859360.04	0.13517	0.08884	0.12735	2.01E-03	6.27E-06	3.31E-03	0.005331	2.06E-03	6.17E-06	3.69E-03	0.005747	1.95E-03	7.84E-06	7.08E-03	9.04E-03
2757	490410.04	3859360.04	0.13425	0.08909	0.12728	2.00E-03	6.29E-06	3.31E-03	0.005316	2.04E-03	6.19E-06	3.68E-03	0.005731	1.94E-03	7.86E-06	7.07E-03	9.02E-03
2758	490460.04	3859360.04	0.13332	0.08926	0.12712	1.98E-03	6.30E-06	3.31E-03	0.005298	2.03E-03	6.20E-06	3.68E-03	0.005712	1.93E-03	7.88E-06	7.06E-03	9.00E-03
2759	490510.04	3859360.04	0.13233	0.08936	0.12689	1.97E-03	6.31E-06	3.30E-03	0.005277	2.01E-03	6.21E-06	3.67E-03	0.005691	1.91E-03	7.88E-06	7.05E-03	8.97E-03
2760	490560.04	3859360.04	0.13104	0.08938	0.12653	1.95E-03	6.31E-06	3.29E-03	0.005249	1.99E-03	6.21E-06	3.66E-03	0.005661	1.89E-03	7.89E-06	7.03E-03	8.93E-03
2761	490610.04	3859360.04	0.12967	0.08931	0.12608	1.93E-03	6.31E-06	3.28E-03	0.005217	1.97E-03	6.21E-06	3.65E-03	0.005627	1.87E-03	7.88E-06	7.01E-03	8.89E-03
2762	490660.04	3859360.04	0.12842	0.08892	0.1256	1.91E-03	6.28E-06	3.27E-03	0.005185	1.95E-03	6.18E-06	3.63E-03	0.005594	1.86E-03	7.85E-06	6.98E-03	8.84E-03
2763	490710.04	3859360.04	0.12665	0.08832	0.12377	1.89E-03	6.24E-06	3.22E-03	0.005111	1.93E-03	6.14E-06	3.58E-03	0.005514	1.83E-03	7.79E-06	6.88E-03	8.72E-03
2764	490760.04	3859360.04	0.12463	0.08772	0.12262	1.86E-03	6.19E-06	3.19E-03	0.005051	1.90E-03	6.10E-06	3.55E-03	0.00545	1.80E-03	7.74E-06	6.81E-03	8.62E-03
2765	490810.04	3859360.04	0.12388	0.08741	0.12206	1.84E-03	6.17E-06	3.18E-03	0.005026	1.88E-03	6.08E-06	3.53E-03	0.005422	1.79E-03	7.71E-06	6.78E-03	8.58E-03
2766	490860.04	3859360.04	0.1224	0.08685	0.12112	1.82E-03	6.13E-06	3.15E-03	0.004979	1.86E-03	6.04E-06	3.50E-03	0.005372	1.77E-03	7.66E-06	6.73E-03	8.51E-03
2767	490360.04	3859410.04	0.12963	0.08519	0.12177	1.93E-03	6.02E-06	3.17E-03	0.005103	1.97E-03	5.92E-06	3.52E-03	0.005501	1.87E-03	7.52E-06	6.77E-03	8.65E-03
2768	490410.04	3859410.04	0.12898	0.08554	0.12185	1.92E-03	6.04E-06	3.17E-03	0.005096	1.96E-03	5.95E-06	3.53E-03	0.005494	1.86E-03	7.55E-06	6.77E-03	8.64E-03
2769	490460.04	3859410.04	0.12829	0.08583	0.12187	1.91E-03	6.06E-06	3.17E-03	0.005086	1.95E-03	5.97E-06	3.53E-03	0.005484	1.85E-03	7.57E-06	6.77E-03	8.63E-03

2770	490510.04	3859410.04	0.12751	0.08607	0.12182	1.90E-03	6.08E-06	3.17E-03	0.005073	1.94E-03	5.98E-06	3.53E-03	0.00547	1.84E-03	7.59E-06	6.77E-03	8.62E-03
2771	490560.04	3859410.04	0.12669	0.08623	0.1217	1.89E-03	6.09E-06	3.17E-03	0.005058	1.93E-03	5.99E-06	3.52E-03	0.005454	1.83E-03	7.61E-06	6.76E-03	8.60E-03
2772	490610.04	3859410.04	0.12578	0.08633	0.1215	1.87E-03	6.10E-06	3.16E-03	0.005039	1.91E-03	6.00E-06	3.52E-03	0.005435	1.82E-03	7.62E-06	6.75E-03	8.58E-03
2773	490660.04	3859410.04	0.12448	0.08634	0.12115	1.85E-03	6.10E-06	3.15E-03	0.005011	1.89E-03	6.00E-06	3.51E-03	0.005405	1.80E-03	7.62E-06	6.73E-03	8.54E-03
2774	490710.04	3859410.04	0.12318	0.08603	0.12074	1.83E-03	6.07E-06	3.14E-03	0.004981	1.87E-03	5.98E-06	3.49E-03	0.005373	1.78E-03	7.59E-06	6.71E-03	8.50E-03
2775	490760.04	3859410.04	0.12147	0.08555	0.11912	1.81E-03	6.04E-06	3.10E-03	0.004913	1.85E-03	5.95E-06	3.45E-03	0.0053	1.76E-03	7.55E-06	6.62E-03	8.38E-03
2776	490810.04	3859410.04	0.12067	0.08529	0.11855	1.80E-03	6.02E-06	3.08E-03	0.004886	1.84E-03	5.93E-06	3.43E-03	0.005272	1.74E-03	7.53E-06	6.59E-03	8.34E-03
2777	490860.04	3859410.04	0.12013	0.08509	0.11813	1.79E-03	6.01E-06	3.07E-03	0.004867	1.83E-03	5.91E-06	3.42E-03	0.005251	1.74E-03	7.51E-06	6.56E-03	8.31E-03
2778	490360.04	3859460.04	0.12416	0.08164	0.11634	1.85E-03	5.76E-06	3.03E-03	0.004881	1.89E-03	5.67E-06	3.37E-03	0.005261	1.79E-03	7.20E-06	6.46E-03	8.27E-03
2779	490410.04	3859460.04	0.1237	0.08209	0.11664	1.84E-03	5.80E-06	3.03E-03	0.004882	1.88E-03	5.71E-06	3.38E-03	0.005262	1.79E-03	7.24E-06	6.48E-03	8.28E-03
2780	490460.04	3859460.04	0.12319	0.08246	0.11678	1.83E-03	5.82E-06	3.04E-03	0.004878	1.87E-03	5.73E-06	3.38E-03	0.005259	1.78E-03	7.28E-06	6.49E-03	8.28E-03
2781	490510.04	3859460.04	0.12264	0.08278	0.11687	1.83E-03	5.84E-06	3.04E-03	0.004872	1.87E-03	5.75E-06	3.38E-03	0.005253	1.77E-03	7.30E-06	6.49E-03	8.27E-03
2782	490560.04	3859460.04	0.12204	0.08304	0.11687	1.82E-03	5.86E-06	3.04E-03	0.004863	1.86E-03	5.77E-06	3.38E-03	0.005244	1.76E-03	7.33E-06	6.49E-03	8.26E-03
2783	490610.04	3859460.04	0.12131	0.08327	0.11685	1.81E-03	5.88E-06	3.04E-03	0.004852	1.84E-03	5.79E-06	3.38E-03	0.005232	1.75E-03	7.35E-06	6.49E-03	8.25E-03
2784	490660.04	3859460.04	0.12045	0.08343	0.11676	1.79E-03	5.89E-06	3.04E-03	0.004836	1.83E-03	5.80E-06	3.38E-03	0.005216	1.74E-03	7.36E-06	6.49E-03	8.24E-03
2785	490710.04	3859460.04	0.11966	0.08349	0.11651	1.78E-03	5.90E-06	3.03E-03	0.004818	1.82E-03	5.80E-06	3.37E-03	0.005197	1.73E-03	7.37E-06	6.47E-03	8.21E-03
2786	490760.04	3859460.04	0.11868	0.08348	0.11619	1.77E-03	5.89E-06	3.02E-03	0.004795	1.80E-03	5.80E-06	3.36E-03	0.005173	1.71E-03	7.37E-06	6.46E-03	8.18E-03
2787	490810.04	3859460.04	0.11764	0.08317	0.11583	1.75E-03	5.87E-06	3.01E-03	0.00477	1.79E-03	5.78E-06	3.35E-03	0.005147	1.70E-03	7.34E-06	6.44E-03	8.14E-03
2788	490860.04	3859460.04	0.11703	0.08306	0.11548	1.74E-03	5.86E-06	3.00E-03	0.004752	1.78E-03	5.77E-06	3.34E-03	0.005127	1.69E-03	7.33E-06	6.42E-03	8.12E-03
2789	490360.04	3859510.04	0.1188	0.07823	0.11111	1.77E-03	5.52E-06	2.89E-03	0.004664	1.81E-03	5.44E-06	3.22E-03	0.005027	1.72E-03	6.90E-06	6.17E-03	7.90E-03
2790	490410.04	3859510.04	0.11856	0.07867	0.11143	1.76E-03	5.55E-06	2.90E-03	0.004669	1.80E-03	5.47E-06	3.22E-03	0.005033	1.71E-03	6.94E-06	6.19E-03	7.91E-03
2791	490460.04	3859510.04	0.11822	0.07912	0.11176	1.76E-03	5.59E-06	2.91E-03	0.004673	1.80E-03	5.50E-06	3.23E-03	0.005038	1.71E-03	6.98E-06	6.21E-03	7.93E-03
2792	490510.04	3859510.04	0.11784	0.07951	0.11197	1.75E-03	5.61E-06	2.91E-03	0.004673	1.79E-03	5.53E-06	3.24E-03	0.005038	1.70E-03	7.02E-06	6.22E-03	7.93E-03
2793	490560.04	3859510.04	0.11741	0.07986	0.11213	1.75E-03	5.64E-06	2.92E-03	0.00467	1.79E-03	5.55E-06	3.24E-03	0.005036	1.70E-03	7.05E-06	6.23E-03	7.93E-03
2794	490610.04	3859510.04	0.11691	0.08018	0.11225	1.74E-03	5.66E-06	2.92E-03	0.004666	1.78E-03	5.57E-06	3.25E-03	0.005032	1.69E-03	7.07E-06	6.24E-03	7.93E-03
2795	490660.04	3859510.04	0.11633	0.08043	0.11229	1.73E-03	5.68E-06	2.92E-03	0.004659	1.77E-03	5.59E-06	3.25E-03	0.005024	1.68E-03	7.10E-06	6.24E-03	7.93E-03
2796	490710.04	3859510.04	0.11566	0.08063	0.11225	1.72E-03	5.69E-06	2.92E-03	0.004648	1.76E-03	5.60E-06	3.25E-03	0.005013	1.67E-03	7.11E-06	6.24E-03	7.92E-03
2797	490760.04	3859510.04	0.11495	0.08075	0.11212	1.71E-03	5.70E-06	2.92E-03	0.004634	1.75E-03	5.61E-06	3.24E-03	0.004998	1.66E-03	7.12E-06	6.23E-03	7.90E-03
2798	490810.04	3859510.04	0.11431	0.0808	0.11189	1.70E-03	5.71E-06	2.91E-03	0.004618	1.74E-03	5.62E-06	3.24E-03	0.004982	1.65E-03	7.13E-06	6.22E-03	7.88E-03
2799	490860.04	3859510.04	0.11356	0.0808	0.11161	1.69E-03	5.71E-06	2.90E-03	0.0046	1.73E-03	5.62E-06	3.23E-03	0.004962	1.64E-03	7.13E-06	6.20E-03	7.85E-03
2800	490360.04	3859560.04	0.11341	0.07497	0.10602	1.69E-03	5.29E-06	2.76E-03	0.004452	1.72E-03	5.21E-06	3.07E-03	0.004798	1.64E-03	6.61E-06	5.89E-03	7.54E-03
2801	490410.04	3859560.04	0.11341	0.07541	0.10643	1.69E-03	5.32E-06	2.77E-03	0.004462	1.72E-03	5.24E-06	3.08E-03	0.00481	1.64E-03	6.65E-06	5.91E-03	7.56E-03
2802	490460.04	3859560.04	0.11332	0.07585	0.10682	1.69E-03	5.36E-06	2.78E-03	0.004471	1.72E-03	5.27E-06	3.09E-03	0.00482	1.64E-03	6.69E-06	5.94E-03	7.58E-03
2803	490510.04	3859560.04	0.11313	0.07633	0.10723	1.68E-03	5.39E-06	2.79E-03	0.004479	1.72E-03	5.31E-06	3.10E-03	0.004829	1.63E-03	6.73E-06	5.96E-03	7.60E-03
2804	490560.04	3859560.04	0.11285	0.0767	0.10745	1.68E-03	5.42E-06	2.80E-03	0.004481	1.72E-03	5.33E-06	3.11E-03	0.004831	1.63E-03	6.77E-06	5.97E-03	7.61E-03
2805	490610.04	3859560.04	0.11253	0.07709	0.1077	1.67E-03	5.44E-06	2.80E-03	0.004482	1.71E-03	5.36E-06	3.12E-03	0.004833	1.63E-03	6.80E-06	5.98E-03	7.62E-03
2806	490660.04	3859560.04	0.11214	0.07742	0.10786	1.67E-03	5.47E-06	2.81E-03	0.004481	1.71E-03	5.38E-06	3.12E-03	0.004832	1.62E-03	6.83E-06	5.99E-03	7.62E-03
2807	490710.04	3859560.04	0.11169	0.07772	0.10797	1.66E-03	5.49E-06	2.81E-03	0.004477	1.70E-03	5.40E-06	3.12E-03	0.004828	1.61E-03	6.86E-06	6.00E-03	7.62E-03
2808	490760.04	3859560.04	0.1111	0.07797	0.10803	1.65E-03	5.51E-06	2.81E-03	0.00447	1.69E-03	5.42E-06	3.13E-03	0.004821	1.61E-03	6.88E-06	6.00E-03	7.62E-03
2809	490810.04	3859560.04	0.1105	0.07813	0.10797	1.64E-03	5.52E-06	2.81E-03	0.004459	1.68E-03	5.43E-06	3.12E-03	0.00481	1.60E-03	6.89E-06	6.00E-03	7.60E-03
2810	490860.04	3859560.04	0.10985	0.07822	0.10779	1.64E-03	5.52E-06	2.80E-03	0.004445	1.67E-03	5.44E-06	3.12E-03	0.004795	1.59E-03	6.90E-06	5.99E-03	7.58E-03
2811	490187.25	3859422.08	0.1299	0.08272	0.11944	1.93E-03	5.84E-06	3.11E-03	0.005047	1.98E-03	5.75E-06	3.46E-03	0.005438	1.88E-03	7.30E-06	6.64E-03	8.52E-03
2812	490237.25	3859422.08	0.12954	0.08322	0.11981	1.93E-03	5.88E-06	3.12E-03	0.005051	1.97E-03	5.78E-06	3.47E-03	0.005443	1.87E-03	7.34E-06	6.66E-03	8.54E-03
2813	490287.25	3859422.08	0.12908	0.08369	0.12011	1.92E-03	5.91E-06	3.12E-03	0.005052	1.96E-03	5.82E-06	3.48E-03	0.005445	1.87E-03	7.38E-06	6.67E-03	8.55E-03
2814	490337.25	3859422.08	0.12854	0.08416	0.1204	1.91E-03	5.94E-06	3.13E-03	0.005052	1.95E-03	5.85E-06	3.48E-03	0.005445	1.86E-03	7.43E-06	6.69E-03	8.56E-03
2815	490187.25	3859472.08	0.1236	0.07919	0.11377	1.84E-03	5.59E-06	2.96E-03	0.004805	1.88E-03	5.50E-06	3.29E-03	0.005178	1.79E-03	6.99E-06	6.32E-03	8.11E-03
2816	490237.25	3859472.08	0.12352	0.07966	0.1142	1.84E-03	5.62E-06	2.97E-03	0.004815	1.88E-03	5.54E-06	3.30E-03	0.005189	1.78E-03	7.03E-06	6.35E-03	8.14E-03

2817	490287.25	3859472.08	0.12335	0.08019	0.11468	1.84E-03	5.66E-06	2.98E-03	0.004825	1.88E-03	5.57E-06	3.32E-03	0.0052	1.78E-03	7.08E-06	6.37E-03	8.16E-03
2818	490337.25	3859472.08	0.12303	0.08061	0.11496	1.83E-03	5.69E-06	2.99E-03	0.004828	1.87E-03	5.60E-06	3.33E-03	0.005203	1.78E-03	7.11E-06	6.39E-03	8.17E-03
2819	490297.07	3859500.42	0.12008	0.07832	0.11169	1.79E-03	5.53E-06	2.91E-03	0.004699	1.83E-03	5.44E-06	3.23E-03	0.005064	1.74E-03	6.91E-06	6.21E-03	7.95E-03
2820	490327.07	3859500.42	0.11996	0.07855	0.11182	1.79E-03	5.55E-06	2.91E-03	0.0047	1.82E-03	5.46E-06	3.24E-03	0.005066	1.73E-03	6.93E-06	6.21E-03	7.95E-03
2821	490297.07	3859530.42	0.11662	0.07628	0.10843	1.74E-03	5.39E-06	2.82E-03	0.004562	1.77E-03	5.30E-06	3.14E-03	0.004917	1.69E-03	6.73E-06	6.03E-03	7.72E-03
2822	490327.07	3859530.42	0.11663	0.07656	0.10871	1.74E-03	5.41E-06	2.83E-03	0.00457	1.77E-03	5.32E-06	3.15E-03	0.004925	1.69E-03	6.76E-06	6.04E-03	7.73E-03
2823	490319.73	3859055.34	0.17794	0.11109	0.16485	2.65E-03	7.84E-06	4.29E-03	0.006945	2.71E-03	7.72E-06	4.77E-03	0.007484	2.57E-03	9.80E-06	9.16E-03	1.17E-02
2824	490319.73	3859105.34	0.17016	0.10732	0.15812	2.53E-03	7.58E-06	4.11E-03	0.006654	2.59E-03	7.46E-06	4.58E-03	0.007171	2.46E-03	9.47E-06	8.79E-03	1.13E-02
2825	490069.73	3859155.34	0.17165	0.10341	0.15386	2.55E-03	7.30E-06	4.00E-03	0.006565	2.61E-03	7.19E-06	4.45E-03	0.00707	2.48E-03	9.12E-06	8.55E-03	1.10E-02
2826	490119.73	3859155.34	0.17002	0.10352	0.15342	2.53E-03	7.31E-06	3.99E-03	0.006529	2.59E-03	7.19E-06	4.44E-03	0.007033	2.46E-03	9.13E-06	8.52E-03	1.10E-02
2827	490269.73	3859155.34	0.16504	0.10356	0.15197	2.46E-03	7.31E-06	3.95E-03	0.006418	2.51E-03	7.20E-06	4.40E-03	0.006915	2.38E-03	9.14E-06	8.44E-03	1.08E-02
2828	490319.73	3859155.34	0.16288	0.10358	0.1516	2.42E-03	7.31E-06	3.94E-03	0.006376	2.48E-03	7.20E-06	4.39E-03	0.006871	2.35E-03	9.14E-06	8.42E-03	1.08E-02
2829	490069.73	3859205.34	0.16311	0.09899	0.14656	2.43E-03	6.99E-06	3.81E-03	0.006248	2.48E-03	6.88E-06	4.24E-03	0.006729	2.36E-03	8.73E-06	8.14E-03	1.05E-02
2830	490119.73	3859205.34	0.1619	0.09912	0.1461	2.41E-03	7.00E-06	3.80E-03	0.006218	2.46E-03	6.89E-06	4.23E-03	0.006697	2.34E-03	8.75E-06	8.12E-03	1.05E-02
2831	490169.73	3859205.34	0.16057	0.09935	0.14589	2.39E-03	7.01E-06	3.80E-03	0.006193	2.44E-03	6.91E-06	4.22E-03	0.006671	2.32E-03	8.77E-06	8.11E-03	1.04E-02
2832	490219.73	3859205.34	0.15905	0.09964	0.14585	2.37E-03	7.04E-06	3.79E-03	0.006169	2.42E-03	6.93E-06	4.22E-03	0.006646	2.30E-03	8.79E-06	8.10E-03	1.04E-02
2833	490269.73	3859205.34	0.15724	0.0999	0.1458	2.34E-03	7.05E-06	3.79E-03	0.006141	2.39E-03	6.94E-06	4.22E-03	0.006617	2.27E-03	8.81E-06	8.10E-03	1.04E-02
2834	490319.73	3859205.34	0.15563	0.09993	0.14541	2.32E-03	7.06E-06	3.78E-03	0.006107	2.37E-03	6.95E-06	4.21E-03	0.006582	2.25E-03	8.82E-06	8.08E-03	1.03E-02
2835	490069.73	3859255.34	0.15486	0.0948	0.13984	2.31E-03	6.69E-06	3.64E-03	0.00595	2.36E-03	6.59E-06	4.05E-03	0.006408	2.24E-03	8.36E-06	7.77E-03	1.00E-02
2836	490119.73	3859255.34	0.1539	0.09506	0.13959	2.29E-03	6.71E-06	3.63E-03	0.005929	2.34E-03	6.61E-06	4.04E-03	0.006387	2.22E-03	8.39E-06	7.76E-03	9.99E-03
2837	490169.73	3859255.34	0.15284	0.09537	0.13948	2.27E-03	6.73E-06	3.63E-03	0.00591	2.32E-03	6.63E-06	4.04E-03	0.006367	2.21E-03	8.41E-06	7.75E-03	9.97E-03
2838	490219.73	3859255.34	0.15163	0.09576	0.13957	2.26E-03	6.76E-06	3.63E-03	0.005895	2.31E-03	6.66E-06	4.04E-03	0.006352	2.19E-03	8.45E-06	7.76E-03	9.95E-03
2839	490269.73	3859255.34	0.15028	0.09608	0.13958	2.24E-03	6.78E-06	3.63E-03	0.005875	2.29E-03	6.68E-06	4.04E-03	0.006331	2.17E-03	8.48E-06	7.76E-03	9.94E-03
2840	490319.73	3859255.34	0.14893	0.09625	0.13937	2.22E-03	6.80E-06	3.63E-03	0.005849	2.27E-03	6.69E-06	4.03E-03	0.006305	2.15E-03	8.49E-06	7.74E-03	9.90E-03
2841	490069.73	3859305.34	0.14715	0.09072	0.13336	2.19E-03	6.41E-06	3.47E-03	0.005666	2.24E-03	6.31E-06	3.86E-03	0.006103	2.13E-03	8.00E-06	7.41E-03	9.54E-03
2842	490119.73	3859305.34	0.14641	0.09104	0.13323	2.18E-03	6.43E-06	3.47E-03	0.005652	2.23E-03	6.33E-06	3.86E-03	0.006088	2.12E-03	8.03E-06	7.40E-03	9.53E-03
2843	490169.73	3859305.34	0.14558	0.09142	0.13326	2.17E-03	6.46E-06	3.47E-03	0.00564	2.21E-03	6.35E-06	3.86E-03	0.006077	2.10E-03	8.07E-06	7.40E-03	9.52E-03
2844	490219.73	3859305.34	0.14466	0.09186	0.13341	2.15E-03	6.49E-06	3.47E-03	0.005631	2.20E-03	6.38E-06	3.86E-03	0.006067	2.09E-03	8.11E-06	7.41E-03	9.51E-03
2845	490269.73	3859305.34	0.14365	0.09224	0.13349	2.14E-03	6.51E-06	3.47E-03	0.005618	2.18E-03	6.41E-06	3.86E-03	0.006054	2.08E-03	8.14E-06	7.42E-03	9.50E-03
2846	490319.73	3859305.34	0.14247	0.09259	0.13356	2.12E-03	6.54E-06	3.47E-03	0.005602	2.17E-03	6.44E-06	3.86E-03	0.006038	2.06E-03	8.17E-06	7.42E-03	9.49E-03
2847	490069.73	3859355.34	0.13987	0.0867	0.12689	2.08E-03	6.12E-06	3.30E-03	0.005389	2.13E-03	6.03E-06	3.67E-03	0.005805	2.02E-03	7.65E-06	7.05E-03	9.08E-03
2848	490119.73	3859355.34	0.13933	0.08705	0.12692	2.07E-03	6.15E-06	3.30E-03	0.005382	2.12E-03	6.05E-06	3.67E-03	0.005798	2.01E-03	7.68E-06	7.05E-03	9.07E-03
2849	490169.73	3859355.34	0.13874	0.0875	0.12711	2.07E-03	6.18E-06	3.31E-03	0.005378	2.11E-03	6.08E-06	3.68E-03	0.005794	2.00E-03	7.72E-06	7.06E-03	9.08E-03
2850	490219.73	3859355.34	0.13805	0.08801	0.12742	2.05E-03	6.21E-06	3.31E-03	0.005376	2.10E-03	6.12E-06	3.69E-03	0.005793	1.99E-03	7.77E-06	7.08E-03	9.08E-03
2851	490269.73	3859355.34	0.13732	0.08844	0.12759	2.04E-03	6.24E-06	3.32E-03	0.00537	2.09E-03	6.15E-06	3.69E-03	0.005787	1.98E-03	7.80E-06	7.09E-03	9.08E-03
2852	490319.73	3859355.34	0.13647	0.08888	0.12778	2.03E-03	6.28E-06	3.32E-03	0.005362	2.08E-03	6.18E-06	3.70E-03	0.005779	1.97E-03	7.84E-06	7.10E-03	9.08E-03
2853	490069.73	3859405.34	0.13274	0.08288	0.12062	1.98E-03	5.85E-06	3.14E-03	0.00512	2.02E-03	5.76E-06	3.49E-03	0.005515	1.92E-03	7.31E-06	6.70E-03	8.63E-03
2854	490119.73	3859405.34	0.13246	0.08328	0.12087	1.97E-03	5.88E-06	3.14E-03	0.005122	2.01E-03	5.79E-06	3.50E-03	0.005518	1.91E-03	7.35E-06	6.72E-03	8.64E-03
2855	490169.73	3859405.34	0.13216	0.08377	0.12125	1.97E-03	5.91E-06	3.15E-03	0.005128	2.01E-03	5.82E-06	3.51E-03	0.005524	1.91E-03	7.39E-06	6.74E-03	8.65E-03
2856	490219.73	3859405.34	0.13175	0.08426	0.12157	1.96E-03	5.95E-06	3.16E-03	0.00513	2.00E-03	5.86E-06	3.52E-03	0.005528	1.90E-03	7.43E-06	6.76E-03	8.67E-03
2857	490269.73	3859405.34	0.13122	0.08477	0.12193	1.95E-03	5.99E-06	3.17E-03	0.005131	2.00E-03	5.89E-06	3.53E-03	0.00553	1.90E-03	7.48E-06	6.78E-03	8.68E-03
2858	490319.73	3859405.34	0.13063	0.08524	0.12221	1.94E-03	6.02E-06	3.18E-03	0.00513	1.99E-03	5.92E-06	3.54E-03	0.005529	1.89E-03	7.52E-06	6.79E-03	8.69E-03
2859	490161.89	3859541.83	0.11504	0.07448	0.10597	1.71E-03	5.26E-06	2.76E-03	0.004475	1.75E-03	5.18E-06	3.07E-03	0.004821	1.66E-03	6.57E-06	5.89E-03	7.56E-03
2860	490171.89	3859541.83	0.11508	0.07456	0.10608	1.71E-03	5.26E-06	2.76E-03	0.004478	1.75E-03	5.18E-06	3.07E-03	0.004825	1.66E-03	6.58E-06	5.89E-03	7.56E-03
2861	490161.89	3859551.83	0.11386	0.07389	0.10495	1.69E-03	5.22E-06	2.73E-03	0.00443	1.73E-03	5.14E-06	3.04E-03	0.004774	1.65E-03	6.52E-06	5.83E-03	7.48E-03
2862	490171.89	3859551.83	0.1139	0.07396	0.10506	1.70E-03	5.22E-06	2.73E-03	0.004434	1.73E-03	5.14E-06	3.04E-03	0.004778	1.65E-03	6.53E-06	5.84E-03	7.49E-03
2863	489799.72	3859348.21	0.14257	0.0851	0.12606	2.12E-03	6.01E-06	3.28E-03	0.005408	2.17E-03	5.91E-06	3.65E-03	0.005822	2.06E-03	7.51E-06	7.00E-03	9.07E-03

2864	489819.72	3859348.21	0.14255	0.08523	0.12623	2.12E-03	6.02E-06	3.28E-03	0.005412	2.17E-03	5.92E-06	3.65E-03	0.005827	2.06E-03	7.52E-06	7.01E-03	9.08E-03
2865	489799.72	3859368.21	0.13903	0.08368	0.12333	2.07E-03	5.91E-06	3.21E-03	0.005284	2.11E-03	5.82E-06	3.57E-03	0.005689	2.01E-03	7.38E-06	6.85E-03	8.87E-03
2866	489819.72	3859368.21	0.13908	0.08381	0.12357	2.07E-03	5.92E-06	3.21E-03	0.005291	2.12E-03	5.83E-06	3.58E-03	0.005697	2.01E-03	7.39E-06	6.87E-03	8.88E-03
2867	489775.41	3859329.72	0.14591	0.08626	0.12832	2.17E-03	6.09E-06	3.34E-03	0.005516	2.22E-03	6.00E-06	3.71E-03	0.005938	2.11E-03	7.61E-06	7.13E-03	9.25E-03
2868	489795.41	3859329.72	0.14588	0.08639	0.1285	2.17E-03	6.10E-06	3.34E-03	0.005521	2.22E-03	6.00E-06	3.72E-03	0.005943	2.11E-03	7.62E-06	7.14E-03	9.26E-03
2869	489775.41	3859349.72	0.14225	0.08483	0.12558	2.12E-03	5.99E-06	3.27E-03	0.00539	2.16E-03	5.90E-06	3.63E-03	0.005803	2.06E-03	7.48E-06	6.98E-03	9.04E-03
2870	489795.41	3859349.72	0.1423	0.08497	0.12582	2.12E-03	6.00E-06	3.27E-03	0.005397	2.16E-03	5.91E-06	3.64E-03	0.005811	2.06E-03	7.50E-06	6.99E-03	9.06E-03
2871	489595.05	3859219.43	0.17043	0.09366	0.14341	2.54E-03	6.61E-06	3.73E-03	0.006274	2.59E-03	6.51E-06	4.15E-03	0.006748	2.46E-03	8.26E-06	7.97E-03	1.04E-02
2872	489615.05	3859219.43	0.1702	0.09385	0.14369	2.53E-03	6.63E-06	3.74E-03	0.006278	2.59E-03	6.52E-06	4.16E-03	0.006753	2.46E-03	8.28E-06	7.98E-03	1.05E-02
2873	489595.05	3859239.43	0.16549	0.09199	0.14004	2.46E-03	6.50E-06	3.64E-03	0.006113	2.52E-03	6.39E-06	4.05E-03	0.006576	2.39E-03	8.12E-06	7.78E-03	1.02E-02
2874	489615.05	3859239.43	0.16538	0.09217	0.14036	2.46E-03	6.51E-06	3.65E-03	0.00612	2.52E-03	6.41E-06	4.06E-03	0.006583	2.39E-03	8.13E-06	7.80E-03	1.02E-02
2875	489372.4	3859092.58	0.21624	0.10343	0.16506	3.22E-03	7.30E-06	4.29E-03	0.00752	3.29E-03	7.19E-06	4.78E-03	0.008072	3.12E-03	9.13E-06	9.17E-03	1.23E-02
2876	489422.4	3859092.58	0.21397	0.1039	0.16561	3.18E-03	7.34E-06	4.31E-03	0.007501	3.25E-03	7.22E-06	4.79E-03	0.008054	3.09E-03	9.17E-06	9.20E-03	1.23E-02
2877	489372.4	3859142.58	0.19639	0.09878	0.15469	2.92E-03	6.97E-06	4.02E-03	0.006955	2.99E-03	6.87E-06	4.48E-03	0.00747	2.84E-03	8.72E-06	8.60E-03	1.14E-02
2878	489422.4	3859142.58	0.19557	0.09907	0.15534	2.91E-03	7.00E-06	4.04E-03	0.006959	2.97E-03	6.89E-06	4.50E-03	0.007476	2.83E-03	8.74E-06	8.63E-03	1.15E-02
2879	488870.84	3858666.64	0.57781	0.1589	0.32615	8.60E-03	1.12E-05	8.49E-03	0.017097	8.79E-03	1.10E-05	9.44E-03	0.018237	8.35E-03	1.40E-05	1.81E-02	2.65E-02
2880	488900.84	3858666.64	0.55772	0.1595	0.32426	8.30E-03	1.13E-05	8.44E-03	0.016749	8.48E-03	1.11E-05	9.38E-03	0.017877	8.06E-03	1.41E-05	1.80E-02	2.61E-02
2881	488870.84	3858696.64	0.60226	0.15268	0.30733	8.96E-03	1.08E-05	8.00E-03	0.016971	9.16E-03	1.06E-05	8.89E-03	0.018064	8.70E-03	1.35E-05	1.71E-02	2.58E-02
2882	488900.84	3858696.64	0.5782	0.15328	0.30611	8.61E-03	1.08E-05	7.96E-03	0.016581	8.79E-03	1.07E-05	8.86E-03	0.017662	8.36E-03	1.35E-05	1.70E-02	2.54E-02
2883	488889.67	3858683.97	0.5767	0.15567	0.31432	8.58E-03	1.10E-05	8.18E-03	0.016772	8.77E-03	1.08E-05	9.10E-03	0.017877	8.33E-03	1.37E-05	1.75E-02	2.58E-02
2884	488919.67	3858683.97	0.5561	0.15621	0.31256	8.28E-03	1.10E-05	8.13E-03	0.01642	8.46E-03	1.09E-05	9.04E-03	0.017513	8.04E-03	1.38E-05	1.74E-02	2.54E-02
2885	488889.67	3858713.97	0.60263	0.14965	0.29653	8.97E-03	1.06E-05	7.71E-03	0.016695	9.17E-03	1.04E-05	8.58E-03	0.017756	8.71E-03	1.32E-05	1.65E-02	2.52E-02
2886	488919.67	3858713.97	0.57763	0.15023	0.2955	8.60E-03	1.06E-05	7.69E-03	0.016296	8.79E-03	1.04E-05	8.55E-03	0.017346	8.35E-03	1.33E-05	1.64E-02	2.48E-02
2887	488906.61	3858703.33	0.57921	0.15205	0.30194	8.62E-03	1.07E-05	7.86E-03	0.016487	8.81E-03	1.06E-05	8.74E-03	0.017557	8.37E-03	1.34E-05	1.68E-02	2.52E-02
2888	488936.61	3858703.33	0.55706	0.15267	0.30082	8.29E-03	1.08E-05	7.83E-03	0.016129	8.47E-03	1.06E-05	8.70E-03	0.017188	8.05E-03	1.35E-05	1.67E-02	2.48E-02
2889	488906.61	3858733.33	0.6066	0.14642	0.28574	9.03E-03	1.03E-05	7.43E-03	0.016473	9.23E-03	1.02E-05	8.27E-03	0.017504	8.77E-03	1.29E-05	1.59E-02	2.47E-02
2890	488936.61	3858733.33	0.58008	0.14693	0.28478	8.63E-03	1.04E-05	7.41E-03	0.016054	8.82E-03	1.02E-05	8.24E-03	0.017073	8.38E-03	1.30E-05	1.58E-02	2.42E-02
2891	488637.63	3858467.85	0.64353	0.20554	0.55374	9.58E-03	1.45E-05	1.44E-02	0.023999	9.79E-03	1.43E-05	1.60E-02	0.025825	9.30E-03	1.81E-05	3.08E-02	4.01E-02
2892	488662.63	3858467.85	0.62875	0.2058	0.54221	9.36E-03	1.45E-05	1.41E-02	0.023479	9.56E-03	1.43E-05	1.57E-02	0.025267	9.09E-03	1.82E-05	3.01E-02	3.92E-02
2893	488637.63	3858492.85	0.64804	0.1978	0.52275	9.65E-03	1.40E-05	1.36E-02	0.02326	9.86E-03	1.37E-05	1.51E-02	0.024997	9.36E-03	1.75E-05	2.90E-02	3.84E-02
2894	488662.63	3858492.85	0.63226	0.19823	0.51337	9.41E-03	1.40E-05	1.34E-02	0.022781	9.62E-03	1.38E-05	1.49E-02	0.024485	9.14E-03	1.75E-05	2.85E-02	3.77E-02
2895	488687.63	3858492.85	0.6172	0.19874	0.50504	9.19E-03	1.40E-05	1.31E-02	0.02234	9.39E-03	1.38E-05	1.46E-02	0.024015	8.92E-03	1.75E-05	2.81E-02	3.70E-02
2896	488637.63	3858517.85	0.65646	0.19028	0.49134	9.77E-03	1.34E-05	1.28E-02	0.022567	9.98E-03	1.32E-05	1.42E-02	0.024215	9.49E-03	1.68E-05	2.73E-02	3.68E-02
2897	488662.63	3858517.85	0.63919	0.19084	0.4841	9.51E-03	1.35E-05	1.26E-02	0.022122	9.72E-03	1.33E-05	1.40E-02	0.023743	9.24E-03	1.68E-05	2.69E-02	3.62E-02
2898	488687.63	3858517.85	0.62318	0.19133	0.4769	9.28E-03	1.35E-05	1.24E-02	0.021696	9.48E-03	1.33E-05	1.38E-02	0.023291	9.01E-03	1.69E-05	2.65E-02	3.55E-02
2899	488194.42	3857168.98	0.66335	0.90569	0.7287	9.87E-03	6.39E-05	1.90E-02	0.028896	1.01E-02	6.29E-05	2.11E-02	0.031238	9.59E-03	7.99E-05	4.05E-02	5.02E-02
2900	488244.42	3857168.98	0.64971	0.87491	0.71239	9.67E-03	6.18E-05	1.85E-02	0.028266	9.88E-03	6.08E-05	2.06E-02	0.030557	9.39E-03	7.72E-05	3.96E-02	4.91E-02
2901	488294.42	3857168.98	0.63578	0.84451	0.69636	9.46E-03	5.96E-05	1.81E-02	0.02764	9.67E-03	5.87E-05	2.02E-02	0.029879	9.19E-03	7.45E-05	3.87E-02	4.80E-02
2902	488244.42	3857218.98	0.66271	0.93278	0.73028	9.86E-03	6.59E-05	1.90E-02	0.028929	1.01E-02	6.48E-05	2.11E-02	0.031276	9.58E-03	8.23E-05	4.06E-02	5.02E-02
2903	488294.42	3857218.98	0.64841	0.89644	0.71337	9.65E-03	6.33E-05	1.86E-02	0.028274	9.86E-03	6.23E-05	2.06E-02	0.030567	9.37E-03	7.91E-05	3.96E-02	4.91E-02
2904	488294.42	3857268.98	0.66135	0.9398	0.73096	9.84E-03	6.64E-05	1.90E-02	0.028927	1.01E-02	6.53E-05	2.12E-02	0.031276	9.56E-03	8.29E-05	4.06E-02	5.03E-02
2905	488139.13	3857111.68	0.66307	0.85198	0.72552	9.87E-03	6.02E-05	1.89E-02	0.028805	1.01E-02	5.92E-05	2.10E-02	0.031138	9.58E-03	7.52E-05	4.03E-02	5.00E-02
2906	488189.13	3857111.68	0.64997	0.82813	0.70984	9.67E-03	5.85E-05	1.85E-02	0.0282	9.89E-03	5.76E-05	2.05E-02	0.030484	9.39E-03	7.31E-05	3.94E-02	4.89E-02
2907	488189.13	3857161.68	0.66295	0.89902	0.72779	9.87E-03	6.35E-05	1.89E-02	0.028865	1.01E-02	6.25E-05	2.11E-02	0.031205	9.58E-03	7.93E-05	4.04E-02	5.01E-02
2908	487951.04	3856961.26	0.66882	0.63085	0.71836	9.96E-03	4.45E-05	1.87E-02	0.028689	1.02E-02	4.38E-05	2.08E-02	0.031003	9.66E-03	5.57E-05	3.99E-02	4.96E-02
2909	488001.04	3856961.26	0.65531	0.6293	0.7038	9.75E-03	4.44E-05	1.83E-02	0.028109	9.97E-03	4.37E-05	2.04E-02	0.030376	9.47E-03	5.55E-05	3.91E-02	4.86E-02
2910	488051.04	3856961.26	0.64098	0.62435	0.68833	9.54E-03	4.41E-05	1.79E-02	0.027492	9.75E-03	4.34E-05	1.99E-02	0.02971	9.26E-03	5.51E-05	3.82E-02	4.76E-02

2911	488101.04	3856961.26	0.63027	0.62273	0.67683	9.38E-03	4.40E-05	1.76E-02	0.027034	9.59E-03	4.33E-05	1.96E-02	0.029215	9.11E-03	5.49E-05	3.76E-02	4.68E-02
2912	487951.04	3857011.26	0.68739	0.72352	0.74096	1.02E-02	5.11E-05	1.93E-02	0.029559	1.05E-02	5.03E-05	2.14E-02	0.031946	9.93E-03	6.38E-05	4.12E-02	5.12E-02
2913	488001.04	3857011.26	0.67124	0.71389	0.72343	9.99E-03	5.04E-05	1.88E-02	0.028862	1.02E-02	4.96E-05	2.09E-02	0.031192	9.70E-03	6.30E-05	4.02E-02	5.00E-02
2914	488051.04	3857011.26	0.65622	0.70389	0.70718	9.77E-03	4.97E-05	1.84E-02	0.028215	9.98E-03	4.89E-05	2.05E-02	0.030493	9.48E-03	6.21E-05	3.93E-02	4.88E-02
2915	488101.04	3857011.26	0.64478	0.70567	0.69478	9.60E-03	4.98E-05	1.81E-02	0.027723	9.81E-03	4.90E-05	2.01E-02	0.02996	9.32E-03	6.23E-05	3.86E-02	4.80E-02
2916	488001.04	3857061.26	0.68832	0.80911	0.74476	1.02E-02	5.71E-05	1.94E-02	0.029678	1.05E-02	5.62E-05	2.16E-02	0.032076	9.95E-03	7.14E-05	4.14E-02	5.14E-02
2917	488051.04	3857061.26	0.67353	0.79399	0.72865	1.00E-02	5.61E-05	1.90E-02	0.029038	1.02E-02	5.52E-05	2.11E-02	0.031384	9.73E-03	7.01E-05	4.05E-02	5.03E-02
2918	488101.04	3857061.26	0.65983	0.78649	0.71374	9.82E-03	5.55E-05	1.86E-02	0.028446	1.00E-02	5.47E-05	2.07E-02	0.030744	9.53E-03	6.94E-05	3.97E-02	4.93E-02
2919	487638.98	3856673.79	0.6393	0.28521	0.67666	9.52E-03	2.01E-05	1.76E-02	0.02714	9.72E-03	1.98E-05	1.96E-02	0.029324	9.24E-03	2.52E-05	3.76E-02	4.69E-02
2920	487688.98	3856673.79	0.62821	0.29158	0.66488	9.35E-03	2.06E-05	1.73E-02	0.026669	9.55E-03	2.03E-05	1.92E-02	0.028814	9.08E-03	2.57E-05	3.69E-02	4.60E-02
2921	487638.98	3856723.79	0.66035	0.31104	0.70054	9.83E-03	2.20E-05	1.82E-02	0.028076	1.00E-02	2.16E-05	2.03E-02	0.030336	9.54E-03	2.74E-05	3.89E-02	4.85E-02
2922	487688.98	3856723.79	0.6479	0.31828	0.68729	9.64E-03	2.25E-05	1.79E-02	0.027547	9.85E-03	2.21E-05	1.99E-02	0.029764	9.36E-03	2.81E-05	3.82E-02	4.76E-02
2923	486324.61	3855740.57	0.5496	0.38358	0.54138	8.18E-03	2.71E-05	1.41E-02	0.022292	8.36E-03	2.67E-05	1.57E-02	0.024051	7.94E-03	3.38E-05	3.01E-02	3.81E-02
2924	486374.61	3855740.57	0.52183	0.36866	0.51295	7.77E-03	2.60E-05	1.33E-02	0.021138	7.94E-03	2.56E-05	1.48E-02	0.022805	7.54E-03	3.25E-05	2.85E-02	3.61E-02
2925	486424.61	3855740.57	0.50638	0.36172	0.49815	7.54E-03	2.55E-05	1.30E-02	0.020523	7.70E-03	2.51E-05	1.44E-02	0.022142	7.32E-03	3.19E-05	2.77E-02	3.50E-02
2926	486324.61	3855790.57	0.56727	0.36469	0.56194	8.44E-03	2.58E-05	1.46E-02	0.023089	8.63E-03	2.53E-05	1.63E-02	0.024914	8.20E-03	3.22E-05	3.12E-02	3.95E-02
2927	486374.61	3855790.57	0.54057	0.35239	0.5346	8.05E-03	2.49E-05	1.39E-02	0.021979	8.22E-03	2.45E-05	1.55E-02	0.023716	7.81E-03	3.11E-05	2.97E-02	3.75E-02
2928	486424.61	3855790.57	0.5289	0.34917	0.52396	7.87E-03	2.47E-05	1.36E-02	0.021529	8.04E-03	2.43E-05	1.52E-02	0.02323	7.64E-03	3.08E-05	2.91E-02	3.68E-02
2929	486324.61	3855840.57	0.58449	0.34652	0.58233	8.70E-03	2.45E-05	1.51E-02	0.023874	8.89E-03	2.41E-05	1.69E-02	0.025765	8.45E-03	3.06E-05	3.24E-02	4.08E-02
2930	486374.61	3855840.57	0.56968	0.34276	0.56824	8.48E-03	2.42E-05	1.48E-02	0.023287	8.66E-03	2.38E-05	1.64E-02	0.025131	8.23E-03	3.02E-05	3.16E-02	3.98E-02
2931	486424.61	3855840.57	0.55211	0.337	0.55089	8.22E-03	2.38E-05	1.43E-02	0.022574	8.40E-03	2.34E-05	1.59E-02	0.024362	7.98E-03	2.97E-05	3.06E-02	3.86E-02
2932	486324.61	3855890.57	0.61526	0.33656	0.61835	9.16E-03	2.38E-05	1.61E-02	0.025269	9.36E-03	2.34E-05	1.79E-02	0.027274	8.89E-03	2.97E-05	3.44E-02	4.33E-02
2933	486374.61	3855890.57	0.59732	0.33207	0.60059	8.89E-03	2.34E-05	1.56E-02	0.024539	9.08E-03	2.31E-05	1.74E-02	0.026487	8.63E-03	2.93E-05	3.34E-02	4.20E-02
2934	486424.61	3855890.57	0.57711	0.326	0.58013	8.59E-03	2.30E-05	1.51E-02	0.023706	8.78E-03	2.27E-05	1.68E-02	0.025587	8.34E-03	2.88E-05	3.22E-02	4.06E-02
2935	488735.69	3858285.64	0.61429	0.26558	0.65973	9.14E-03	1.88E-05	1.72E-02	0.026326	9.34E-03	1.85E-05	1.91E-02	0.028452	8.88E-03	2.34E-05	3.67E-02	4.56E-02
2936	488765.69	3858285.64	0.60005	0.26427	0.64249	8.93E-03	1.87E-05	1.67E-02	0.025665	9.13E-03	1.84E-05	1.86E-02	0.027736	8.67E-03	2.33E-05	3.57E-02	4.44E-02
2937	488735.69	3858315.64	0.60822	0.25517	0.64316	9.05E-03	1.80E-05	1.67E-02	0.025804	9.25E-03	1.77E-05	1.86E-02	0.027879	8.79E-03	2.25E-05	3.57E-02	4.45E-02
2938	488765.69	3858315.64	0.5942	0.25416	0.6265	8.84E-03	1.79E-05	1.63E-02	0.025161	9.04E-03	1.77E-05	1.81E-02	0.027184	8.59E-03	2.24E-05	3.48E-02	4.34E-02
2939	478676.63	3849871.93	0.01525	0.01734	0.01508	2.27E-04	1.22E-06	3.92E-04	0.000621	2.32E-04	1.21E-06	4.36E-04	0.00067	2.20E-04	1.53E-06	8.38E-04	1.06E-03
2940	479326.63	3849871.93	0.01454	0.01593	0.01437	2.16E-04	1.12E-06	3.74E-04	0.000591	2.21E-04	1.11E-06	4.16E-04	0.000638	2.10E-04	1.41E-06	7.98E-04	1.01E-03
2941	479376.63	3849871.93	0.01431	0.01552	0.01411	2.13E-04	1.10E-06	3.67E-04	0.000581	2.18E-04	1.08E-06	4.08E-04	0.000627	2.07E-04	1.37E-06	7.84E-04	9.92E-04
2942	479426.63	3849871.93	0.01416	0.01515	0.01393	2.11E-04	1.07E-06	3.62E-04	0.000574	2.15E-04	1.05E-06	4.03E-04	0.00062	2.05E-04	1.34E-06	7.74E-04	9.80E-04
2943	478726.63	3849921.93	0.01551	0.01767	0.01533	2.31E-04	1.25E-06	3.99E-04	0.000631	2.36E-04	1.23E-06	4.44E-04	0.000681	2.24E-04	1.56E-06	8.52E-04	1.08E-03
2944	478776.63	3849921.93	0.01572	0.01794	0.01557	2.34E-04	1.27E-06	4.05E-04	0.00064	2.39E-04	1.25E-06	4.51E-04	0.000691	2.27E-04	1.58E-06	8.65E-04	1.09E-03
2945	478826.63	3849921.93	0.01587	0.01811	0.01575	2.36E-04	1.28E-06	4.10E-04	0.000647	2.41E-04	1.26E-06	4.56E-04	0.000698	2.29E-04	1.60E-06	8.75E-04	1.11E-03
2946	478976.63	3849921.93	0.0161	0.01828	0.016	2.40E-04	1.29E-06	4.16E-04	0.000657	2.45E-04	1.27E-06	4.63E-04	0.000709	2.33E-04	1.61E-06	8.89E-04	1.12E-03
2947	479026.63	3849921.93	0.01622	0.01841	0.01612	2.41E-04	1.30E-06	4.19E-04	0.000662	2.47E-04	1.28E-06	4.66E-04	0.000714	2.34E-04	1.62E-06	8.96E-04	1.13E-03
2948	479076.63	3849921.93	0.01621	0.01837	0.01611	2.41E-04	1.30E-06	4.19E-04	0.000662	2.47E-04	1.28E-06	4.66E-04	0.000714	2.34E-04	1.62E-06	8.95E-04	1.13E-03
2949	479126.63	3849921.93	0.01613	0.01823	0.01602	2.40E-04	1.29E-06	4.17E-04	0.000658	2.45E-04	1.27E-06	4.64E-04	0.00071	2.33E-04	1.61E-06	8.90E-04	1.12E-03
2950	479176.63	3849921.93	0.01608	0.01814	0.01596	2.39E-04	1.28E-06	4.15E-04	0.000656	2.45E-04	1.26E-06	4.62E-04	0.000708	2.32E-04	1.60E-06	8.87E-04	1.12E-03
2951	479226.63	3849921.93	0.01575	0.01767	0.01562	2.34E-04	1.25E-06	4.06E-04	0.000642	2.40E-04	1.23E-06	4.52E-04	0.000693	2.28E-04	1.56E-06	8.68E-04	1.10E-03
2952	479276.63	3849921.93	0.01516	0.01686	0.01503	2.26E-04	1.19E-06	3.91E-04	0.000618	2.31E-04	1.17E-06	4.35E-04	0.000667	2.19E-04	1.49E-06	8.35E-04	1.06E-03
2953	479326.63	3849921.93	0.01546	0.01718	0.0153	2.30E-04	1.21E-06	3.98E-04	0.000629	2.35E-04	1.19E-06	4.43E-04	0.000679	2.23E-04	1.52E-06	8.50E-04	1.08E-03
2954	479376.63	3849921.93	0.01482	0.01626	0.01465	2.21E-04	1.15E-06	3.81E-04	0.000603	2.25E-04	1.13E-06	4.24E-04	0.00065	2.14E-04	1.43E-06	8.14E-04	1.03E-03
2955	479426.63	3849921.93	0.01493	0.01625	0.01471	2.22E-04	1.15E-06	3.83E-04	0.000606	2.27E-04	1.13E-06	4.26E-04	0.000654	2.16E-04	1.43E-06	8.17E-04	1.03E-03
2956	478726.63	3849971.93	0.01553	0.01767	0.01531	2.31E-04	1.25E-06	3.98E-04	0.000631	2.36E-04	1.23E-06	4.43E-04	0.00068	2.24E-04	1.56E-06	8.51E-04	1.08E-03
2957	478776.63	3849971.93	0.01576	0.01799	0.01558	2.35E-04	1.27E-06	4.05E-04	0.000641	2.40E-04	1.25E-06	4.51E-04	0.000692	2.28E-04	1.59E-06	8.66E-04	1.10E-03

2958	478826.63	3849971.93	0.01596	0.01824	0.01581	2.38E-04	1.29E-06	4.11E-04	0.00065	2.43E-04	1.27E-06	4.57E-04	0.000701	2.31E-04	1.61E-06	8.79E-04	1.11E-03
2959	478976.63	3849971.93	0.01646	0.01881	0.01635	2.45E-04	1.33E-06	4.25E-04	0.000672	2.50E-04	1.31E-06	4.73E-04	0.000725	2.38E-04	1.66E-06	9.09E-04	1.15E-03
2960	479026.63	3849971.93	0.01649	0.01881	0.01639	2.45E-04	1.33E-06	4.26E-04	0.000673	2.51E-04	1.31E-06	4.74E-04	0.000726	2.38E-04	1.66E-06	9.11E-04	1.15E-03
2961	479076.63	3849971.93	0.01649	0.01876	0.01639	2.45E-04	1.32E-06	4.26E-04	0.000673	2.51E-04	1.30E-06	4.74E-04	0.000726	2.38E-04	1.66E-06	9.11E-04	1.15E-03
2962	479126.63	3849971.93	0.01649	0.01872	0.01638	2.45E-04	1.32E-06	4.26E-04	0.000673	2.51E-04	1.30E-06	4.74E-04	0.000726	2.38E-04	1.65E-06	9.10E-04	1.15E-03
2963	479176.63	3849971.93	0.01643	0.01861	0.01632	2.45E-04	1.31E-06	4.25E-04	0.00067	2.50E-04	1.29E-06	4.72E-04	0.000723	2.37E-04	1.64E-06	9.07E-04	1.15E-03
2964	479226.63	3849971.93	0.01579	0.01771	0.01567	2.35E-04	1.25E-06	4.08E-04	0.000644	2.40E-04	1.23E-06	4.53E-04	0.000695	2.28E-04	1.56E-06	8.71E-04	1.10E-03
2965	479276.63	3849971.93	0.01603	0.01803	0.0159	2.39E-04	1.27E-06	4.14E-04	0.000654	2.44E-04	1.25E-06	4.60E-04	0.000705	2.32E-04	1.59E-06	8.84E-04	1.12E-03
2966	479326.63	3849971.93	0.01614	0.01811	0.01598	2.40E-04	1.28E-06	4.16E-04	0.000657	2.45E-04	1.26E-06	4.62E-04	0.000709	2.33E-04	1.60E-06	8.88E-04	1.12E-03
2967	479376.63	3849971.93	0.01555	0.01726	0.01538	2.31E-04	1.22E-06	4.00E-04	0.000633	2.36E-04	1.20E-06	4.45E-04	0.000683	2.25E-04	1.52E-06	8.55E-04	1.08E-03
2968	479426.63	3849971.93	0.01547	0.01704	0.01527	2.30E-04	1.20E-06	3.97E-04	0.000629	2.35E-04	1.18E-06	4.42E-04	0.000678	2.24E-04	1.50E-06	8.48E-04	1.07E-03
2969	478726.63	3850021.93	0.01551	0.01759	0.01523	2.31E-04	1.24E-06	3.96E-04	0.000628	2.36E-04	1.22E-06	4.41E-04	0.000678	2.24E-04	1.55E-06	8.46E-04	1.07E-03
2970	478776.63	3850021.93	0.01577	0.01798	0.01554	2.35E-04	1.27E-06	4.04E-04	0.00064	2.40E-04	1.25E-06	4.50E-04	0.000691	2.28E-04	1.59E-06	8.63E-04	1.09E-03
2971	478826.63	3850021.93	0.01602	0.01832	0.01583	2.38E-04	1.29E-06	4.12E-04	0.000652	2.44E-04	1.27E-06	4.58E-04	0.000703	2.31E-04	1.62E-06	8.80E-04	1.11E-03
2972	478976.63	3850021.93	0.01662	0.01906	0.0165	2.47E-04	1.35E-06	4.29E-04	0.000678	2.53E-04	1.32E-06	4.77E-04	0.000732	2.40E-04	1.68E-06	9.17E-04	1.16E-03
2973	478726.63	3850071.93	0.01546	0.01745	0.01512	2.30E-04	1.23E-06	3.93E-04	0.000625	2.35E-04	1.21E-06	4.38E-04	0.000674	2.23E-04	1.54E-06	8.40E-04	1.07E-03
2974	478776.63	3850071.93	0.01576	0.01791	0.01548	2.35E-04	1.26E-06	4.03E-04	0.000639	2.40E-04	1.24E-06	4.48E-04	0.000689	2.28E-04	1.58E-06	8.60E-04	1.09E-03
2975	478826.63	3850071.93	0.01604	0.01832	0.01581	2.39E-04	1.29E-06	4.11E-04	0.000651	2.44E-04	1.27E-06	4.57E-04	0.000703	2.32E-04	1.62E-06	8.79E-04	1.11E-03
2976	478876.63	3850071.93	0.0163	0.01868	0.0161	2.43E-04	1.32E-06	4.19E-04	0.000663	2.48E-04	1.30E-06	4.66E-04	0.000715	2.36E-04	1.65E-06	8.95E-04	1.13E-03
2977	478976.63	3850071.93	0.01676	0.01927	0.01662	2.49E-04	1.36E-06	4.32E-04	0.000683	2.55E-04	1.34E-06	4.81E-04	0.000737	2.42E-04	1.70E-06	9.24E-04	1.17E-03
2978	478726.63	3850121.93	0.01537	0.01724	0.01497	2.29E-04	1.22E-06	3.89E-04	0.000619	2.34E-04	1.20E-06	4.33E-04	0.000668	2.22E-04	1.52E-06	8.32E-04	1.06E-03
2979	478776.63	3850121.93	0.01572	0.01778	0.01537	2.34E-04	1.26E-06	4.00E-04	0.000635	2.39E-04	1.24E-06	4.45E-04	0.000685	2.27E-04	1.57E-06	8.54E-04	1.08E-03
2980	478826.63	3850121.93	0.01603	0.01825	0.01574	2.39E-04	1.29E-06	4.09E-04	0.000649	2.44E-04	1.27E-06	4.55E-04	0.000701	2.32E-04	1.61E-06	8.75E-04	1.11E-03
2981	478876.63	3850121.93	0.01631	0.01866	0.01607	2.43E-04	1.32E-06	4.18E-04	0.000662	2.48E-04	1.30E-06	4.65E-04	0.000714	2.36E-04	1.65E-06	8.93E-04	1.13E-03
2982	478976.63	3850121.93	0.01685	0.0194	0.01668	2.51E-04	1.37E-06	4.34E-04	0.000686	2.56E-04	1.35E-06	4.83E-04	0.00074	2.43E-04	1.71E-06	9.27E-04	1.17E-03
2983	479026.63	3850121.93	0.01707	0.01967	0.01691	2.54E-04	1.39E-06	4.40E-04	0.000695	2.60E-04	1.37E-06	4.89E-04	0.00075	2.47E-04	1.74E-06	9.40E-04	1.19E-03
2984	479076.63	3850121.93	0.01721	0.01983	0.01708	2.56E-04	1.40E-06	4.44E-04	0.000702	2.62E-04	1.38E-06	4.94E-04	0.000757	2.49E-04	1.75E-06	9.49E-04	1.20E-03
2985	479126.63	3850121.93	0.01733	0.01995	0.01721	2.58E-04	1.41E-06	4.48E-04	0.000707	2.64E-04	1.39E-06	4.98E-04	0.000763	2.50E-04	1.76E-06	9.56E-04	1.21E-03
2986	478776.63	3850171.93	0.01564	0.01756	0.01522	2.33E-04	1.24E-06	3.96E-04	0.00063	2.38E-04	1.22E-06	4.40E-04	0.00068	2.26E-04	1.55E-06	8.46E-04	1.07E-03
2987	478826.63	3850171.93	0.01598	0.01809	0.01561	2.38E-04	1.28E-06	4.06E-04	0.000645	2.43E-04	1.26E-06	4.52E-04	0.000696	2.31E-04	1.60E-06	8.67E-04	1.10E-03
2988	478876.63	3850171.93	0.01629	0.01857	0.01599	2.42E-04	1.31E-06	4.16E-04	0.00066	2.48E-04	1.29E-06	4.63E-04	0.000712	2.35E-04	1.64E-06	8.89E-04	1.13E-03
2989	478976.63	3850171.93	0.01691	0.01946	0.01669	2.52E-04	1.37E-06	4.34E-04	0.000687	2.57E-04	1.35E-06	4.83E-04	0.000741	2.44E-04	1.72E-06	9.27E-04	1.17E-03
2990	479026.63	3850171.93	0.01718	0.01982	0.01699	2.56E-04	1.40E-06	4.42E-04	0.000699	2.61E-04	1.38E-06	4.92E-04	0.000754	2.48E-04	1.75E-06	9.44E-04	1.19E-03
2991	479076.63	3850171.93	0.01737	0.02006	0.01721	2.59E-04	1.42E-06	4.48E-04	0.000708	2.64E-04	1.39E-06	4.98E-04	0.000764	2.51E-04	1.77E-06	9.56E-04	1.21E-03
2992	479126.63	3850171.93	0.01753	0.02026	0.01739	2.61E-04	1.43E-06	4.52E-04	0.000715	2.67E-04	1.41E-06	5.03E-04	0.000771	2.53E-04	1.79E-06	9.66E-04	1.22E-03
2993	479176.63	3850171.93	0.01769	0.02042	0.01755	2.63E-04	1.44E-06	4.57E-04	0.000721	2.69E-04	1.42E-06	5.08E-04	0.000778	2.56E-04	1.80E-06	9.75E-04	1.23E-03
2994	479226.63	3850171.93	0.01787	0.02063	0.01773	2.66E-04	1.46E-06	4.61E-04	0.000729	2.72E-04	1.43E-06	5.13E-04	0.000786	2.58E-04	1.82E-06	9.85E-04	1.25E-03
2995	479276.63	3850171.93	0.01803	0.0208	0.01787	2.68E-04	1.47E-06	4.65E-04	0.000735	2.74E-04	1.45E-06	5.17E-04	0.000793	2.61E-04	1.84E-06	9.93E-04	1.26E-03
2996	479326.63	3850171.93	0.018	0.02071	0.01784	2.68E-04	1.46E-06	4.64E-04	0.000734	2.74E-04	1.44E-06	5.16E-04	0.000791	2.60E-04	1.83E-06	9.91E-04	1.25E-03
2997	479376.63	3850171.93	0.01792	0.02055	0.01775	2.67E-04	1.45E-06	4.62E-04	0.00073	2.73E-04	1.43E-06	5.14E-04	0.000788	2.59E-04	1.81E-06	9.86E-04	1.25E-03
2998	478676.63	3850221.93	0.01467	0.01602	0.01408	2.18E-04	1.13E-06	3.66E-04	0.000586	2.23E-04	1.11E-06	4.07E-04	0.000632	2.12E-04	1.41E-06	7.82E-04	9.96E-04
2999	478726.63	3850221.93	0.01511	0.01667	0.01456	2.25E-04	1.18E-06	3.79E-04	0.000605	2.30E-04	1.16E-06	4.21E-04	0.000652	2.18E-04	1.47E-06	8.09E-04	1.03E-03
3000	478976.63	3850221.93	0.01694	0.01944	0.01665	2.52E-04	1.37E-06	4.33E-04	0.000687	2.58E-04	1.35E-06	4.82E-04	0.000741	2.45E-04	1.72E-06	9.25E-04	1.17E-03
3001	479026.63	3850221.93	0.01724	0.01988	0.017	2.57E-04	1.40E-06	4.42E-04	0.0007	2.62E-04	1.38E-06	4.92E-04	0.000756	2.49E-04	1.75E-06	9.45E-04	1.20E-03
3002	479076.63	3850221.93	0.01748	0.0202	0.01727	2.60E-04	1.43E-06	4.49E-04	0.000711	2.66E-04	1.40E-06	5.00E-04	0.000767	2.53E-04	1.78E-06	9.60E-04	1.21E-03
3003	479126.63	3850221.93	0.01769	0.02048	0.01751	2.63E-04	1.45E-06	4.56E-04	0.00072	2.69E-04	1.42E-06	5.07E-04	0.000777	2.56E-04	1.81E-06	9.73E-04	1.23E-03
3004	479176.63	3850221.93	0.01791	0.02075	0.01775	2.67E-04	1.47E-06	4.62E-04	0.00073	2.72E-04	1.44E-06	5.14E-04	0.000787	2.59E-04	1.83E-06	9.86E-04	1.25E-03

3005	479226.63	3850221.93	0.0181	0.02097	0.01794	2.69E-04	1.48E-06	4.67E-04	0.000738	2.75E-04	1.46E-06	5.19E-04	0.000796	2.62E-04	1.85E-06	9.97E-04	1.26E-03
3006	479276.63	3850221.93	0.01826	0.02114	0.01809	2.72E-04	1.49E-06	4.71E-04	0.000744	2.78E-04	1.47E-06	5.23E-04	0.000803	2.64E-04	1.87E-06	1.01E-03	1.27E-03
3007	479326.63	3850221.93	0.01827	0.02111	0.01811	2.72E-04	1.49E-06	4.71E-04	0.000745	2.78E-04	1.47E-06	5.24E-04	0.000803	2.64E-04	1.86E-06	1.01E-03	1.27E-03
3008	479376.63	3850221.93	0.01827	0.02106	0.01811	2.72E-04	1.49E-06	4.71E-04	0.000745	2.78E-04	1.46E-06	5.24E-04	0.000803	2.64E-04	1.86E-06	1.01E-03	1.27E-03
3009	478676.63	3850271.93	0.0145	0.01568	0.01384	2.16E-04	1.11E-06	3.60E-04	0.000577	2.21E-04	1.09E-06	4.00E-04	0.000622	2.10E-04	1.38E-06	7.69E-04	9.80E-04
3010	478726.63	3850271.93	0.01495	0.01633	0.01433	2.23E-04	1.15E-06	3.73E-04	0.000596	2.27E-04	1.13E-06	4.15E-04	0.000643	2.16E-04	1.44E-06	7.96E-04	1.01E-03
3011	478976.63	3850271.93	0.01691	0.01932	0.01655	2.52E-04	1.36E-06	4.31E-04	0.000684	2.57E-04	1.34E-06	4.79E-04	0.000737	2.44E-04	1.70E-06	9.20E-04	1.17E-03
3012	479026.63	3850271.93	0.01726	0.01984	0.01695	2.57E-04	1.40E-06	4.41E-04	0.000699	2.63E-04	1.38E-06	4.90E-04	0.000754	2.49E-04	1.75E-06	9.42E-04	1.19E-03
3013	479076.63	3850271.93	0.01755	0.02027	0.01729	2.61E-04	1.43E-06	4.50E-04	0.000712	2.67E-04	1.41E-06	5.00E-04	0.000769	2.54E-04	1.79E-06	9.61E-04	1.22E-03
3014	479126.63	3850271.93	0.01782	0.02063	0.01759	2.65E-04	1.46E-06	4.58E-04	0.000724	2.71E-04	1.43E-06	5.09E-04	0.000781	2.58E-04	1.82E-06	9.77E-04	1.24E-03
3015	479176.63	3850271.93	0.01806	0.02095	0.01786	2.69E-04	1.48E-06	4.65E-04	0.000735	2.75E-04	1.46E-06	5.17E-04	0.000793	2.61E-04	1.85E-06	9.92E-04	1.26E-03
3016	479226.63	3850271.93	0.01828	0.02123	0.01809	2.72E-04	1.50E-06	4.71E-04	0.000744	2.78E-04	1.48E-06	5.23E-04	0.000803	2.64E-04	1.87E-06	1.01E-03	1.27E-03
3017	479276.63	3850271.93	0.01844	0.02141	0.01826	2.74E-04	1.51E-06	4.75E-04	0.000751	2.80E-04	1.49E-06	5.28E-04	0.00081	2.66E-04	1.89E-06	1.01E-03	1.28E-03
3018	479326.63	3850271.93	0.01851	0.02147	0.01834	2.76E-04	1.52E-06	4.77E-04	0.000754	2.82E-04	1.49E-06	5.31E-04	0.000814	2.67E-04	1.89E-06	1.02E-03	1.29E-03
3019	479376.63	3850271.93	0.01851	0.02141	0.01835	2.76E-04	1.51E-06	4.77E-04	0.000754	2.82E-04	1.49E-06	5.31E-04	0.000814	2.67E-04	1.89E-06	1.02E-03	1.29E-03
3020	479053.24	3850293.52	0.01744	0.02007	0.01712	2.60E-04	1.42E-06	4.45E-04	0.000706	2.65E-04	1.39E-06	4.95E-04	0.000762	2.52E-04	1.77E-06	9.51E-04	1.21E-03
3021	479103.24	3850293.52	0.01774	0.0205	0.01746	2.64E-04	1.45E-06	4.54E-04	0.00072	2.70E-04	1.42E-06	5.05E-04	0.000776	2.56E-04	1.81E-06	9.70E-04	1.23E-03
3022	479153.24	3850293.52	0.01799	0.02085	0.01775	2.68E-04	1.47E-06	4.62E-04	0.000731	2.74E-04	1.45E-06	5.14E-04	0.000789	2.60E-04	1.84E-06	9.86E-04	1.25E-03
3023	479203.24	3850293.52	0.01824	0.02118	0.01802	2.71E-04	1.50E-06	4.69E-04	0.000742	2.77E-04	1.47E-06	5.21E-04	0.0008	2.64E-04	1.87E-06	1.00E-03	1.27E-03
3024	479253.24	3850293.52	0.01844	0.02143	0.01824	2.74E-04	1.51E-06	4.75E-04	0.000751	2.80E-04	1.49E-06	5.28E-04	0.00081	2.66E-04	1.89E-06	1.01E-03	1.28E-03
3025	479303.24	3850293.52	0.01856	0.02156	0.01838	2.76E-04	1.52E-06	4.78E-04	0.000756	2.82E-04	1.50E-06	5.32E-04	0.000816	2.68E-04	1.90E-06	1.02E-03	1.29E-03
3026	479353.24	3850293.52	0.01861	0.02159	0.01844	2.77E-04	1.52E-06	4.80E-04	0.000758	2.83E-04	1.50E-06	5.34E-04	0.000818	2.69E-04	1.90E-06	1.02E-03	1.30E-03
3027	479153.24	3850343.52	0.01807	0.02091	0.01776	2.69E-04	1.48E-06	4.62E-04	0.000732	2.75E-04	1.45E-06	5.14E-04	0.00079	2.61E-04	1.84E-06	9.87E-04	1.25E-03
3028	479203.24	3850343.52	0.01834	0.0213	0.01807	2.73E-04	1.50E-06	4.70E-04	0.000745	2.79E-04	1.48E-06	5.23E-04	0.000803	2.65E-04	1.88E-06	1.00E-03	1.27E-03
3029	479253.24	3850343.52	0.01855	0.02158	0.01832	2.76E-04	1.52E-06	4.77E-04	0.000754	2.82E-04	1.50E-06	5.30E-04	0.000814	2.68E-04	1.90E-06	1.02E-03	1.29E-03
3030	479303.24	3850343.52	0.0187	0.02177	0.0185	2.78E-04	1.54E-06	4.81E-04	0.000761	2.84E-04	1.51E-06	5.35E-04	0.000821	2.70E-04	1.92E-06	1.03E-03	1.30E-03
3031	479353.24	3850343.52	0.01881	0.02188	0.01863	2.80E-04	1.54E-06	4.85E-04	0.000766	2.86E-04	1.52E-06	5.39E-04	0.000827	2.72E-04	1.93E-06	1.04E-03	1.31E-03
3032	479203.24	3850393.52	0.01839	0.02131	0.01806	2.74E-04	1.50E-06	4.70E-04	0.000745	2.80E-04	1.48E-06	5.23E-04	0.000804	2.66E-04	1.88E-06	1.00E-03	1.27E-03
3033	479253.24	3850393.52	0.01864	0.02167	0.01835	2.77E-04	1.53E-06	4.77E-04	0.000756	2.83E-04	1.51E-06	5.31E-04	0.000816	2.69E-04	1.91E-06	1.02E-03	1.29E-03
3034	479303.24	3850393.52	0.01883	0.02194	0.01859	2.80E-04	1.55E-06	4.84E-04	0.000765	2.86E-04	1.52E-06	5.38E-04	0.000826	2.72E-04	1.94E-06	1.03E-03	1.31E-03
3035	479353.24	3850393.52	0.01898	0.02213	0.01877	2.83E-04	1.56E-06	4.88E-04	0.000772	2.89E-04	1.54E-06	5.43E-04	0.000833	2.74E-04	1.95E-06	1.04E-03	1.32E-03
3036	479403.24	3850393.52	0.01908	0.02224	0.0189	2.84E-04	1.57E-06	4.92E-04	0.000777	2.90E-04	1.55E-06	5.47E-04	0.000839	2.76E-04	1.96E-06	1.05E-03	1.33E-03
3037	479453.24	3850393.52	0.01911	0.02224	0.01894	2.84E-04	1.57E-06	4.93E-04	0.000779	2.91E-04	1.55E-06	5.48E-04	0.00084	2.76E-04	1.96E-06	1.05E-03	1.33E-03
3038	479503.24	3850393.52	0.01907	0.02212	0.01891	2.84E-04	1.56E-06	4.92E-04	0.000777	2.90E-04	1.54E-06	5.47E-04	0.000839	2.76E-04	1.95E-06	1.05E-03	1.33E-03
3039	479303.24	3850443.52	0.0189	0.02201	0.01861	2.81E-04	1.55E-06	4.84E-04	0.000767	2.87E-04	1.53E-06	5.39E-04	0.000827	2.73E-04	1.94E-06	1.03E-03	1.31E-03
3040	479353.24	3850443.52	0.01907	0.02226	0.01884	2.84E-04	1.57E-06	4.90E-04	0.000776	2.90E-04	1.55E-06	5.45E-04	0.000837	2.76E-04	1.96E-06	1.05E-03	1.32E-03
3041	479403.24	3850443.52	0.01919	0.02242	0.019	2.86E-04	1.58E-06	4.94E-04	0.000782	2.92E-04	1.56E-06	5.50E-04	0.000843	2.77E-04	1.98E-06	1.06E-03	1.34E-03
3042	479453.24	3850443.52	0.01927	0.02248	0.0191	2.87E-04	1.59E-06	4.97E-04	0.000785	2.93E-04	1.56E-06	5.53E-04	0.000847	2.78E-04	1.98E-06	1.06E-03	1.34E-03
3043	479503.24	3850443.52	0.01928	0.02245	0.01913	2.87E-04	1.59E-06	4.98E-04	0.000786	2.93E-04	1.56E-06	5.54E-04	0.000848	2.79E-04	1.98E-06	1.06E-03	1.34E-03
3044	480327.18	3850987.04	0.02346	0.0265	0.02263	3.49E-04	1.87E-06	5.89E-04	0.00094	3.57E-04	1.84E-06	6.55E-04	0.001013	3.39E-04	2.34E-06	1.26E-03	1.60E-03
3045	480377.18	3850987.04	0.02333	0.02602	0.02243	3.47E-04	1.84E-06	5.84E-04	0.000933	3.55E-04	1.81E-06	6.49E-04	0.001006	3.37E-04	2.30E-06	1.25E-03	1.59E-03
3046	480427.18	3850987.04	0.02313	0.02549	0.02219	3.44E-04	1.80E-06	5.77E-04	0.000923	3.52E-04	1.77E-06	6.42E-04	0.000996	3.34E-04	2.25E-06	1.23E-03	1.57E-03
3047	480477.18	3850987.04	0.02289	0.02493	0.02192	3.41E-04	1.76E-06	5.70E-04	0.000913	3.48E-04	1.73E-06	6.34E-04	0.000984	3.31E-04	2.20E-06	1.22E-03	1.55E-03
3048	480327.18	3851037.04	0.02397	0.02739	0.02317	3.57E-04	1.93E-06	6.03E-04	0.000962	3.65E-04	1.90E-06	6.70E-04	0.001037	3.46E-04	2.42E-06	1.29E-03	1.64E-03
3049	480377.18	3851037.04	0.02386	0.02694	0.02299	3.55E-04	1.90E-06	5.98E-04	0.000955	3.63E-04	1.87E-06	6.65E-04	0.00103	3.45E-04	2.38E-06	1.28E-03	1.62E-03
3050	480427.18	3851037.04	0.0237	0.02643	0.02278	3.53E-04	1.87E-06	5.93E-04	0.000947	3.60E-04	1.84E-06	6.59E-04	0.001021	3.42E-04	2.33E-06	1.27E-03	1.61E-03
3051	480477.18	3851037.04	0.02354	0.02592	0.02255	3.50E-04	1.83E-06	5.87E-04	0.000939	3.58E-04	1.80E-06	6.53E-04	0.001012	3.40E-04	2.29E-06	1.25E-03	1.60E-03

3052	480622.06	3851087.39	0.02361	0.02552	0.02248	3.51E-04	1.80E-06	5.85E-04	0.000938	3.59E-04	1.77E-06	6.51E-04	0.001011	3.41E-04	2.25E-06	1.25E-03	1.59E-03
3053	480672.06	3851087.39	0.02342	0.02515	0.02224	3.49E-04	1.78E-06	5.79E-04	0.000929	3.56E-04	1.75E-06	6.44E-04	0.001002	3.38E-04	2.22E-06	1.24E-03	1.58E-03
3054	480622.06	3851137.39	0.02431	0.02651	0.02314	3.62E-04	1.87E-06	6.02E-04	0.000966	3.70E-04	1.84E-06	6.70E-04	0.001041	3.51E-04	2.34E-06	1.29E-03	1.64E-03
3055	480672.06	3851137.39	0.02412	0.02607	0.0229	3.59E-04	1.84E-06	5.96E-04	0.000957	3.67E-04	1.81E-06	6.63E-04	0.001031	3.49E-04	2.30E-06	1.27E-03	1.62E-03
3056	480722.06	3851137.39	0.02394	0.02573	0.02267	3.56E-04	1.82E-06	5.90E-04	0.000948	3.64E-04	1.79E-06	6.56E-04	0.001022	3.46E-04	2.27E-06	1.26E-03	1.61E-03
3057	480622.06	3851187.39	0.02499	0.02752	0.02378	3.72E-04	1.94E-06	6.19E-04	0.000993	3.80E-04	1.91E-06	6.88E-04	0.00107	3.61E-04	2.43E-06	1.32E-03	1.68E-03
3058	480672.06	3851187.39	0.02484	0.02707	0.02356	3.70E-04	1.91E-06	6.13E-04	0.000985	3.78E-04	1.88E-06	6.82E-04	0.001061	3.59E-04	2.39E-06	1.31E-03	1.67E-03
3059	480722.06	3851187.39	0.02468	0.02668	0.02334	3.67E-04	1.88E-06	6.07E-04	0.000976	3.75E-04	1.85E-06	6.75E-04	0.001053	3.57E-04	2.35E-06	1.30E-03	1.66E-03
3060	471363.09	3845877.25	0.00305	0.0032	0.00303	4.54E-05	2.26E-07	7.88E-05	0.000124	4.64E-05	2.22E-07	8.77E-05	0.000134	4.41E-05	2.82E-07	1.68E-04	2.13E-04
3061	471863.09	3845877.25	0.00286	0.00301	0.00285	4.26E-05	2.13E-07	7.41E-05	0.000117	4.35E-05	2.09E-07	8.25E-05	0.000126	4.13E-05	2.66E-07	1.58E-04	2.00E-04
3062	472363.09	3845877.25	0.003	0.00316	0.00296	4.47E-05	2.23E-07	7.70E-05	0.000122	4.56E-05	2.20E-07	8.57E-05	0.000132	4.34E-05	2.79E-07	1.64E-04	2.08E-04
3063	472863.09	3845877.25	0.0025	0.00259	0.00249	3.72E-05	1.83E-07	6.48E-05	0.000102	3.80E-05	1.80E-07	7.21E-05	0.00011	3.61E-05	2.29E-07	1.38E-04	1.75E-04
3064	473363.09	3845877.25	0.00266	0.00272	0.00263	3.96E-05	1.92E-07	6.84E-05	0.000108	4.05E-05	1.89E-07	7.61E-05	0.000117	3.84E-05	2.40E-07	1.46E-04	1.85E-04
3065	473863.09	3845877.25	0.0029	0.00294	0.00285	4.32E-05	2.08E-07	7.41E-05	0.000118	4.41E-05	2.04E-07	8.25E-05	0.000127	4.19E-05	2.59E-07	1.58E-04	2.01E-04
3066	474363.09	3845877.25	0.00376	0.00382	0.00369	5.60E-05	2.70E-07	9.60E-05	0.000152	5.72E-05	2.66E-07	1.07E-04	0.000164	5.43E-05	3.37E-07	2.05E-04	2.60E-04
3067	474863.09	3845877.25	0.00471	0.00483	0.00468	7.01E-05	3.41E-07	1.22E-04	0.000192	7.16E-05	3.36E-07	1.35E-04	0.000207	6.81E-05	4.26E-07	2.60E-04	3.29E-04
3068	475363.09	3845877.25	0.00517	0.00535	0.00516	7.70E-05	3.78E-07	1.34E-04	0.000212	7.86E-05	3.72E-07	1.49E-04	0.000228	7.47E-05	4.72E-07	2.87E-04	3.62E-04
3069	475863.09	3845877.25	0.00506	0.00523	0.00502	7.53E-05	3.69E-07	1.31E-04	0.000206	7.70E-05	3.63E-07	1.45E-04	0.000223	7.31E-05	4.61E-07	2.79E-04	3.53E-04
3070	476363.09	3845877.25	0.00441	0.00417	0.00431	6.56E-05	2.94E-07	1.12E-04	0.000178	6.71E-05	2.90E-07	1.25E-04	0.000192	6.37E-05	3.68E-07	2.39E-04	3.04E-04
3071	476863.09	3845877.25	0.00381	0.0039	0.00374	5.67E-05	2.75E-07	9.73E-05	0.000154	5.79E-05	2.71E-07	1.08E-04	0.000166	5.51E-05	3.44E-07	2.08E-04	2.63E-04
3072	477363.09	3845877.25	0.00348	0.00358	0.00332	5.18E-05	2.53E-07	8.64E-05	0.000138	5.29E-05	2.49E-07	9.61E-05	0.000149	5.03E-05	3.16E-07	1.84E-04	2.35E-04
3073	477863.09	3845877.25	0.00313	0.00281	0.00301	4.66E-05	1.98E-07	7.83E-05	0.000125	4.76E-05	1.95E-07	8.71E-05	0.000135	4.52E-05	2.48E-07	1.67E-04	2.13E-04
3074	478363.09	3845877.25	0.00298	0.00298	0.00282	4.44E-05	2.10E-07	7.34E-05	0.000118	4.53E-05	2.07E-07	8.16E-05	0.000127	4.31E-05	2.63E-07	1.57E-04	2.00E-04
3075	478863.09	3845877.25	0.00284	0.0029	0.00271	4.23E-05	2.05E-07	7.05E-05	0.000113	4.32E-05	2.02E-07	7.84E-05	0.000122	4.10E-05	2.56E-07	1.51E-04	1.92E-04
3076	479363.09	3845877.25	0.00283	0.00274	0.00263	4.21E-05	1.93E-07	6.84E-05	0.000111	4.30E-05	1.90E-07	7.61E-05	0.000119	4.09E-05	2.42E-07	1.46E-04	1.87E-04
3077	479863.09	3845877.25	0.00263	0.00238	0.00247	3.91E-05	1.68E-07	6.43E-05	0.000104	4.00E-05	1.65E-07	7.15E-05	0.000112	3.80E-05	2.10E-07	1.37E-04	1.75E-04
3078	480363.09	3845877.25	0.0023	0.00219	0.0022	3.42E-05	1.55E-07	5.72E-05	9.16E-05	3.50E-05	1.52E-07	6.37E-05	9.88E-05	3.32E-05	1.93E-07	1.22E-04	1.56E-04
3079	480863.09	3845877.25	0.00215	0.00227	0.00204	3.20E-05	1.60E-07	5.31E-05	8.52E-05	3.27E-05	1.58E-07	5.90E-05	9.19E-05	3.11E-05	2.00E-07	1.13E-04	1.45E-04
3080	481363.09	3845877.25	0.00201	0.00204	0.00191	2.99E-05	1.44E-07	4.97E-05	7.98E-05	3.06E-05	1.42E-07	5.53E-05	8.6E-05	2.90E-05	1.80E-07	1.06E-04	1.35E-04
3081	481863.09	3845877.25	0.00187	0.00178	0.0018	2.78E-05	1.26E-07	4.68E-05	7.48E-05	2.84E-05	1.24E-07	5.21E-05	8.07E-05	2.70E-05	1.57E-07	1.00E-04	1.27E-04
3082	482363.09	3845877.25	0.00172	0.0018	0.00164	2.56E-05	1.27E-07	4.27E-05	6.84E-05	2.62E-05	1.25E-07	4.75E-05	7.37E-05	2.49E-05	1.59E-07	9.11E-05	1.16E-04
3083	482863.09	3845877.25	0.00145	0.00155	0.00141	2.16E-05	1.09E-07	3.67E-05	5.84E-05	2.21E-05	1.08E-07	4.08E-05	6.3E-05	2.10E-05	1.37E-07	7.83E-05	9.94E-05
3084	483363.09	3845877.25	0.00131	0.00131	0.0013	1.95E-05	9.25E-08	3.38E-05	5.34E-05	1.99E-05	9.10E-08	3.76E-05	5.76E-05	1.89E-05	1.16E-07	7.22E-05	9.13E-05
3085	483863.09	3845877.25	0.00147	0.00145	0.00142	2.19E-05	1.02E-07	3.69E-05	5.89E-05	2.24E-05	1.01E-07	4.11E-05	6.35E-05	2.12E-05	1.28E-07	7.89E-05	1.00E-04
3086	484363.09	3845877.25	0.00145	0.00143	0.0014	2.16E-05	1.01E-07	3.64E-05	5.81E-05	2.21E-05	9.94E-08	4.05E-05	6.27E-05	2.10E-05	1.26E-07	7.78E-05	9.89E-05
3087	484863.09	3845877.25	0.00138	0.00139	0.00133	2.05E-05	9.81E-08	3.46E-05	5.52E-05	2.10E-05	9.66E-08	3.85E-05	5.96E-05	1.99E-05	1.23E-07	7.39E-05	9.40E-05
3088	485363.09	3845877.25	0.00129	0.00133	0.00127	1.92E-05	9.39E-08	3.30E-05	5.23E-05	1.96E-05	9.24E-08	3.68E-05	5.65E-05	1.86E-05	1.17E-07	7.06E-05	8.93E-05
3089	485863.09	3845877.25	0.00127	0.00126	0.00126	1.89E-05	8.90E-08	3.28E-05	5.18E-05	1.93E-05	8.76E-08	3.65E-05	5.59E-05	1.84E-05	1.11E-07	7.00E-05	8.85E-05
3090	486363.09	3845877.25	0.00123	0.00128	0.00122	1.83E-05	9.04E-08	3.17E-05	5.01E-05	1.87E-05	8.90E-08	3.53E-05	5.41E-05	1.78E-05	1.13E-07	6.78E-05	8.57E-05
3091	486863.09	3845877.25	0.00115	0.00126	0.00115	1.71E-05	8.90E-08	2.99E-05	4.71E-05	1.75E-05	8.76E-08	3.33E-05	5.09E-05	1.66E-05	1.11E-07	6.39E-05	8.06E-05
3092	487363.09	3845877.25	0.00112	0.00122	0.00113	1.67E-05	8.61E-08	2.94E-05	4.62E-05	1.70E-05	8.48E-08	3.27E-05	4.98E-05	1.62E-05	1.08E-07	6.28E-05	7.91E-05
3093	487863.09	3845877.25	0.00106	0.00113	0.00108	1.58E-05	7.98E-08	2.81E-05	4.4E-05	1.61E-05	7.85E-08	3.13E-05	4.75E-05	1.53E-05	9.97E-08	6.00E-05	7.54E-05
3094	488363.09	3845877.25	0.00103	0.00113	0.00107	1.53E-05	7.98E-08	2.78E-05	4.32E-05	1.57E-05	7.85E-08	3.10E-05	4.67E-05	1.49E-05	9.97E-08	5.95E-05	7.44E-05
3095	488863.09	3845877.25	0.00112	0.0012	0.00114	1.67E-05	8.47E-08	2.97E-05	4.64E-05	1.70E-05	8.34E-08	3.30E-05	5.01E-05	1.62E-05	1.06E-07	6.33E-05	7.96E-05
3096	489363.09	3845877.25	0.00112	0.00119	0.00116	1.67E-05	8.40E-08	3.02E-05	4.69E-05	1.70E-05	8.27E-08	3.36E-05	5.07E-05	1.62E-05	1.05E-07	6.45E-05	8.07E-05
3097	489863.09	3845877.25	0.00109	0.00123	0.00116	1.62E-05	8.68E-08	3.02E-05	4.65E-05	1.66E-05	8.55E-08	3.36E-05	5.02E-05	1.58E-05	1.09E-07	6.45E-05	8.03E-05
3098	490363.09	3845877.25	0.00105	0.0013	0.00114	1.56E-05	9.18E-08	2.97E-05	4.54E-05	1.60E-05	9.04E-08	3.30E-05	4.9E-05	1.52E-05	1.15E-07	6.33E-05	7.86E-05

3099	490863.09	3845877.25	0.00097	0.0013	0.00108	1.44E-05	9.18E-08	2.81E-05	4.26E-05	1.48E-05	9.04E-08	3.13E-05	4.61E-05	1.40E-05	1.15E-07	6.00E-05	7.41E-05
3100	491363.09	3845877.25	0.00105	0.00139	0.00116	1.56E-05	9.81E-08	3.02E-05	4.59E-05	1.60E-05	9.66E-08	3.36E-05	4.96E-05	1.52E-05	1.23E-07	6.45E-05	7.98E-05
3101	491863.09	3845877.25	0.00112	0.0014	0.00122	1.67E-05	9.89E-08	3.17E-05	4.85E-05	1.70E-05	9.73E-08	3.53E-05	5.24E-05	1.62E-05	1.24E-07	6.78E-05	8.41E-05
3102	492363.09	3845877.25	0.00106	0.0013	0.00118	1.58E-05	9.18E-08	3.07E-05	4.66E-05	1.61E-05	9.04E-08	3.41E-05	5.04E-05	1.53E-05	1.15E-07	6.56E-05	8.10E-05
3103	492863.09	3845877.25	0.00122	0.00149	0.00132	1.82E-05	1.05E-07	3.43E-05	5.26E-05	1.86E-05	1.04E-07	3.82E-05	5.69E-05	1.76E-05	1.31E-07	7.33E-05	9.11E-05
3104	493363.09	3845877.25	0.0013	0.00159	0.00141	1.94E-05	1.12E-07	3.67E-05	5.61E-05	1.98E-05	1.11E-07	4.08E-05	6.07E-05	1.88E-05	1.40E-07	7.83E-05	9.73E-05
3105	493863.09	3845877.25	0.0014	0.00169	0.0015	2.08E-05	1.19E-07	3.90E-05	6E-05	2.13E-05	1.17E-07	4.34E-05	6.48E-05	2.02E-05	1.49E-07	8.33E-05	1.04E-04
3106	494363.09	3845877.25	0.00149	0.00179	0.0016	2.22E-05	1.26E-07	4.16E-05	6.39E-05	2.27E-05	1.24E-07	4.63E-05	6.91E-05	2.15E-05	1.58E-07	8.89E-05	1.11E-04
3107	494863.09	3845877.25	0.00157	0.00187	0.00169	2.34E-05	1.32E-07	4.40E-05	6.75E-05	2.39E-05	1.30E-07	4.89E-05	7.29E-05	2.27E-05	1.65E-07	9.39E-05	1.17E-04
3108	495363.09	3845877.25	0.00168	0.00202	0.0018	2.50E-05	1.43E-07	4.68E-05	7.2E-05	2.56E-05	1.40E-07	5.21E-05	7.78E-05	2.43E-05	1.78E-07	1.00E-04	1.24E-04
3109	495863.09	3845877.25	0.00181	0.00226	0.00194	2.69E-05	1.60E-07	5.05E-05	7.76E-05	2.75E-05	1.57E-07	5.61E-05	8.38E-05	2.62E-05	1.99E-07	1.08E-04	1.34E-04
3110	496363.09	3845877.25	0.00195	0.00249	0.00208	2.90E-05	1.76E-07	5.41E-05	8.33E-05	2.97E-05	1.73E-07	6.02E-05	9E-05	2.82E-05	2.20E-07	1.16E-04	1.44E-04
3111	496863.09	3845877.25	0.00205	0.00264	0.00219	3.05E-05	1.86E-07	5.70E-05	8.77E-05	3.12E-05	1.83E-07	6.34E-05	9.47E-05	2.96E-05	2.33E-07	1.22E-04	1.52E-04
3112	497363.09	3845877.25	0.00216	0.00279	0.00231	3.22E-05	1.97E-07	6.01E-05	9.24E-05	3.29E-05	1.94E-07	6.68E-05	9.99E-05	3.12E-05	2.46E-07	1.28E-04	1.60E-04
3113	497863.09	3845877.25	0.00229	0.00297	0.00244	3.41E-05	2.10E-07	6.35E-05	9.78E-05	3.48E-05	2.06E-07	7.06E-05	0.000106	3.31E-05	2.62E-07	1.36E-04	1.69E-04
3114	498363.09	3845877.25	0.0024	0.00314	0.00256	3.57E-05	2.22E-07	6.66E-05	0.000103	3.65E-05	2.18E-07	7.41E-05	0.000111	3.47E-05	2.77E-07	1.42E-04	1.77E-04
3115	471363.09	3846377.25	0.00502	0.00517	0.00481	7.47E-05	3.65E-07	1.25E-04	0.0002	7.63E-05	3.59E-07	1.39E-04	0.000216	7.25E-05	4.56E-07	2.67E-04	3.40E-04
3116	471863.09	3846377.25	0.00448	0.00466	0.00434	6.67E-05	3.29E-07	1.13E-04	0.00018	6.81E-05	3.24E-07	1.26E-04	0.000194	6.47E-05	4.11E-07	2.41E-04	3.06E-04
3117	472363.09	3846377.25	0.0031	0.00328	0.0031	4.61E-05	2.32E-07	8.06E-05	0.000127	4.71E-05	2.28E-07	8.97E-05	0.000137	4.48E-05	2.89E-07	1.72E-04	2.17E-04
3118	472863.09	3846377.25	0.00304	0.00324	0.00302	4.52E-05	2.29E-07	7.86E-05	0.000124	4.62E-05	2.25E-07	8.74E-05	0.000134	4.39E-05	2.86E-07	1.68E-04	2.12E-04
3119	473363.09	3846377.25	0.00292	0.00303	0.00288	4.35E-05	2.14E-07	7.49E-05	0.000119	4.44E-05	2.11E-07	8.33E-05	0.000128	4.22E-05	2.67E-07	1.60E-04	2.02E-04
3120	473863.09	3846377.25	0.00321	0.00326	0.00314	4.78E-05	2.30E-07	8.17E-05	0.00013	4.88E-05	2.27E-07	9.09E-05	0.00014	4.64E-05	2.88E-07	1.74E-04	2.21E-04
3121	474363.09	3846377.25	0.00359	0.00362	0.0035	5.34E-05	2.56E-07	9.11E-05	0.000145	5.46E-05	2.52E-07	1.01E-04	0.000156	5.19E-05	3.19E-07	1.94E-04	2.47E-04
3122	474863.09	3846377.25	0.00459	0.00467	0.00449	6.83E-05	3.30E-07	1.17E-04	0.000185	6.98E-05	3.25E-07	1.30E-04	0.0002	6.63E-05	4.12E-07	2.49E-04	3.16E-04
3123	475363.09	3846377.25	0.00557	0.00574	0.00552	8.29E-05	4.05E-07	1.44E-04	0.000227	8.47E-05	3.99E-07	1.60E-04	0.000245	8.05E-05	5.06E-07	3.07E-04	3.88E-04
3124	475863.09	3846377.25	0.00599	0.00626	0.00598	8.92E-05	4.42E-07	1.56E-04	0.000245	9.11E-05	4.35E-07	1.73E-04	0.000265	8.66E-05	5.52E-07	3.32E-04	4.19E-04
3125	476363.09	3846377.25	0.00551	0.00565	0.00545	8.20E-05	3.99E-07	1.42E-04	0.000224	8.38E-05	3.93E-07	1.58E-04	0.000242	7.96E-05	4.99E-07	3.03E-04	3.83E-04
3126	476863.09	3846377.25	0.00475	0.0045	0.00464	7.07E-05	3.18E-07	1.21E-04	0.000192	7.22E-05	3.13E-07	1.34E-04	0.000207	6.86E-05	3.97E-07	2.58E-04	3.27E-04
3127	477363.09	3846377.25	0.00421	0.00443	0.00411	6.27E-05	3.13E-07	1.07E-04	0.00017	6.40E-05	3.08E-07	1.19E-04	0.000183	6.08E-05	3.91E-07	2.28E-04	2.90E-04
3128	477863.09	3846377.25	0.00371	0.00363	0.00353	5.52E-05	2.56E-07	9.18E-05	0.000147	5.64E-05	2.52E-07	1.02E-04	0.000159	5.36E-05	3.20E-07	1.96E-04	2.50E-04
3129	478363.09	3846377.25	0.00344	0.00325	0.0033	5.12E-05	2.29E-07	8.59E-05	0.000137	5.23E-05	2.26E-07	9.55E-05	0.000148	4.97E-05	2.87E-07	1.83E-04	2.33E-04
3130	478863.09	3846377.25	0.00342	0.00349	0.00328	5.09E-05	2.46E-07	8.53E-05	0.000136	5.20E-05	2.43E-07	9.49E-05	0.000147	4.94E-05	3.08E-07	1.82E-04	2.32E-04
3131	479363.09	3846377.25	0.00326	0.00336	0.0031	4.85E-05	2.37E-07	8.06E-05	0.000129	4.96E-05	2.34E-07	8.97E-05	0.00014	4.71E-05	2.96E-07	1.72E-04	2.20E-04
3132	479863.09	3846377.25	0.00299	0.00273	0.00279	4.45E-05	1.93E-07	7.26E-05	0.000117	4.55E-05	1.90E-07	8.07E-05	0.000126	4.32E-05	2.41E-07	1.55E-04	1.98E-04
3133	480363.09	3846377.25	0.00285	0.00261	0.00271	4.24E-05	1.84E-07	7.05E-05	0.000113	4.33E-05	1.81E-07	7.84E-05	0.000122	4.12E-05	2.30E-07	1.51E-04	1.92E-04
3134	480863.09	3846377.25	0.00247	0.00249	0.00235	3.68E-05	1.76E-07	6.11E-05	9.81E-05	3.76E-05	1.73E-07	6.80E-05	0.000106	3.57E-05	2.20E-07	1.31E-04	1.66E-04
3135	481363.09	3846377.25	0.00234	0.00247	0.00221	3.48E-05	1.74E-07	5.75E-05	9.25E-05	3.56E-05	1.72E-07	6.40E-05	9.97E-05	3.38E-05	2.18E-07	1.23E-04	1.57E-04
3136	481863.09	3846377.25	0.00216	0.00203	0.00206	3.22E-05	1.43E-07	5.36E-05	8.59E-05	3.29E-05	1.41E-07	5.96E-05	9.26E-05	3.12E-05	1.79E-07	1.14E-04	1.46E-04
3137	482363.09	3846377.25	0.00193	0.00198	0.00185	2.87E-05	1.40E-07	4.81E-05	7.7E-05	2.94E-05	1.38E-07	5.35E-05	8.3E-05	2.79E-05	1.75E-07	1.03E-04	1.31E-04
3138	482863.09	3846377.25	0.00168	0.00176	0.00161	2.50E-05	1.24E-07	4.19E-05	6.7E-05	2.56E-05	1.22E-07	4.66E-05	7.23E-05	2.43E-05	1.55E-07	8.95E-05	1.14E-04
3139	483363.09	3846377.25	0.00171	0.00165	0.00164	2.55E-05	1.17E-07	4.27E-05	6.82E-05	2.60E-05	1.15E-07	4.75E-05	7.36E-05	2.47E-05	1.46E-07	9.11E-05	1.16E-04
3140	483863.09	3846377.25	0.00166	0.00165	0.00159	2.47E-05	1.17E-07	4.14E-05	6.62E-05	2.52E-05	1.15E-07	4.60E-05	7.14E-05	2.40E-05	1.46E-07	8.84E-05	1.12E-04
3141	484363.09	3846377.25	0.00152	0.0015	0.00147	2.26E-05	1.06E-07	3.82E-05	6.1E-05	2.31E-05	1.04E-07	4.25E-05	6.58E-05	2.20E-05	1.32E-07	8.17E-05	1.04E-04
3142	484863.09	3846377.25	0.00159	0.00156	0.00151	2.37E-05	1.10E-07	3.93E-05	6.31E-05	2.42E-05	1.08E-07	4.37E-05	6.8E-05	2.30E-05	1.38E-07	8.39E-05	1.07E-04
3143	485363.09	3846377.25	0.00154	0.00154	0.00149	2.29E-05	1.09E-07	3.88E-05	6.18E-05	2.34E-05	1.07E-07	4.31E-05	6.66E-05	2.23E-05	1.36E-07	8.28E-05	1.05E-04
3144	485863.09	3846377.25	0.00143	0.00142	0.0014	2.13E-05	1.00E-07	3.64E-05	5.78E-05	2.17E-05	9.87E-08	4.05E-05	6.24E-05	2.07E-05	1.25E-07	7.78E-05	9.86E-05
3145	486363.09	3846377.25	0.00125	0.00134	0.00125	1.86E-05	9.46E-08	3.25E-05	5.12E-05	1.90E-05	9.31E-08	3.62E-05	5.53E-05	1.81E-05	1.18E-07	6.95E-05	8.76E-05

3146	486863.09	3846377.25	0.00119	0.00131	0.00119	1.77E-05	9.25E-08	3.10E-05	4.88E-05	1.81E-05	9.10E-08	3.44E-05	5.26E-05	1.72E-05	1.16E-07	6.61E-05	8.34E-05
3147	487363.09	3846377.25	0.00119	0.00128	0.0012	1.77E-05	9.04E-08	3.12E-05	4.9E-05	1.81E-05	8.90E-08	3.47E-05	5.29E-05	1.72E-05	1.13E-07	6.67E-05	8.40E-05
3148	487863.09	3846377.25	0.00127	0.0013	0.00127	1.89E-05	9.18E-08	3.30E-05	5.2E-05	1.93E-05	9.04E-08	3.68E-05	5.62E-05	1.84E-05	1.15E-07	7.06E-05	8.90E-05
3149	488363.09	3846377.25	0.00124	0.00134	0.00125	1.85E-05	9.46E-08	3.25E-05	5.11E-05	1.89E-05	9.31E-08	3.62E-05	5.51E-05	1.79E-05	1.18E-07	6.95E-05	8.75E-05
3150	488863.09	3846377.25	0.00124	0.00131	0.00127	1.85E-05	9.25E-08	3.30E-05	5.16E-05	1.89E-05	9.10E-08	3.68E-05	5.57E-05	1.79E-05	1.16E-07	7.06E-05	8.86E-05
3151	489363.09	3846377.25	0.00124	0.00134	0.00129	1.85E-05	9.46E-08	3.36E-05	5.21E-05	1.89E-05	9.31E-08	3.73E-05	5.63E-05	1.79E-05	1.18E-07	7.17E-05	8.97E-05
3152	489863.09	3846377.25	0.00121	0.00143	0.00128	1.80E-05	1.01E-07	3.33E-05	5.14E-05	1.84E-05	9.94E-08	3.70E-05	5.55E-05	1.75E-05	1.26E-07	7.11E-05	8.87E-05
3153	490363.09	3846377.25	0.00112	0.00145	0.00121	1.67E-05	1.02E-07	3.15E-05	4.83E-05	1.70E-05	1.01E-07	3.50E-05	5.21E-05	1.62E-05	1.28E-07	6.72E-05	8.35E-05
3154	490863.09	3846377.25	0.00109	0.00145	0.0012	1.62E-05	1.02E-07	3.12E-05	4.75E-05	1.66E-05	1.01E-07	3.47E-05	5.14E-05	1.58E-05	1.28E-07	6.67E-05	8.26E-05
3155	491363.09	3846377.25	0.00111	0.00143	0.00123	1.65E-05	1.01E-07	3.20E-05	4.86E-05	1.69E-05	9.94E-08	3.56E-05	5.26E-05	1.60E-05	1.26E-07	6.83E-05	8.45E-05
3156	491863.09	3846377.25	0.00125	0.00151	0.00135	1.86E-05	1.07E-07	3.51E-05	5.38E-05	1.90E-05	1.05E-07	3.91E-05	5.82E-05	1.81E-05	1.33E-07	7.50E-05	9.32E-05
3157	492363.09	3846377.25	0.00126	0.00155	0.00138	1.88E-05	1.09E-07	3.59E-05	5.48E-05	1.92E-05	1.08E-07	3.99E-05	5.92E-05	1.82E-05	1.37E-07	7.67E-05	9.50E-05
3158	492863.09	3846377.25	0.00132	0.00164	0.00144	1.96E-05	1.16E-07	3.75E-05	5.72E-05	2.01E-05	1.14E-07	4.17E-05	6.19E-05	1.91E-05	1.45E-07	8.00E-05	9.92E-05
3159	493363.09	3846377.25	0.00146	0.00178	0.00157	2.17E-05	1.26E-07	4.08E-05	6.27E-05	2.22E-05	1.24E-07	4.54E-05	6.78E-05	2.11E-05	1.57E-07	8.72E-05	1.08E-04
3160	493863.09	3846377.25	0.00157	0.00189	0.00168	2.34E-05	1.33E-07	4.37E-05	6.72E-05	2.39E-05	1.31E-07	4.86E-05	7.26E-05	2.27E-05	1.67E-07	9.34E-05	1.16E-04
3161	494363.09	3846377.25	0.00168	0.00201	0.0018	2.50E-05	1.42E-07	4.68E-05	7.2E-05	2.56E-05	1.40E-07	5.21E-05	7.78E-05	2.43E-05	1.77E-07	1.00E-04	1.24E-04
3162	494863.09	3846377.25	0.0018	0.00217	0.00192	2.68E-05	1.53E-07	5.00E-05	7.69E-05	2.74E-05	1.51E-07	5.56E-05	8.31E-05	2.60E-05	1.91E-07	1.07E-04	1.33E-04
3163	495363.09	3846377.25	0.00192	0.00242	0.00206	2.86E-05	1.71E-07	5.36E-05	8.23E-05	2.92E-05	1.68E-07	5.96E-05	8.9E-05	2.77E-05	2.14E-07	1.14E-04	1.42E-04
3164	495863.09	3846377.25	0.00207	0.0027	0.00222	3.08E-05	1.91E-07	5.78E-05	8.88E-05	3.15E-05	1.88E-07	6.42E-05	9.59E-05	2.99E-05	2.38E-07	1.23E-04	1.54E-04
3165	496363.09	3846377.25	0.00223	0.00291	0.00238	3.32E-05	2.05E-07	6.19E-05	9.53E-05	3.39E-05	2.02E-07	6.89E-05	0.000103	3.22E-05	2.57E-07	1.32E-04	1.65E-04
3166	496863.09	3846377.25	0.00238	0.00311	0.00255	3.54E-05	2.20E-07	6.63E-05	0.000102	3.62E-05	2.16E-07	7.38E-05	0.00011	3.44E-05	2.74E-07	1.42E-04	1.76E-04
3167	497363.09	3846377.25	0.00252	0.00332	0.0027	3.75E-05	2.34E-07	7.02E-05	0.000108	3.83E-05	2.31E-07	7.81E-05	0.000117	3.64E-05	2.93E-07	1.50E-04	1.87E-04
3168	497863.09	3846377.25	0.00266	0.00352	0.00283	3.96E-05	2.49E-07	7.36E-05	0.000113	4.05E-05	2.45E-07	8.19E-05	0.000123	3.84E-05	3.11E-07	1.57E-04	1.96E-04
3169	498363.09	3846377.25	0.00278	0.00368	0.00295	4.14E-05	2.60E-07	7.67E-05	0.000118	4.23E-05	2.56E-07	8.54E-05	0.000128	4.02E-05	3.25E-07	1.64E-04	2.04E-04
3170	471363.09	3846877.25	0.00547	0.00579	0.0053	8.14E-05	4.09E-07	1.38E-04	0.00022	8.32E-05	4.02E-07	1.53E-04	0.000237	7.90E-05	5.11E-07	2.95E-04	3.74E-04
3171	471863.09	3846877.25	0.00555	0.00575	0.00531	8.26E-05	4.06E-07	1.38E-04	0.000221	8.44E-05	4.00E-07	1.54E-04	0.000238	8.02E-05	5.07E-07	2.95E-04	3.76E-04
3172	472363.09	3846877.25	0.00523	0.00545	0.00503	7.78E-05	3.85E-07	1.31E-04	0.000209	7.95E-05	3.79E-07	1.46E-04	0.000225	7.56E-05	4.81E-07	2.79E-04	3.56E-04
3173	472863.09	3846877.25	0.00335	0.00355	0.00335	4.99E-05	2.51E-07	8.72E-05	0.000137	5.09E-05	2.47E-07	9.69E-05	0.000148	4.84E-05	3.13E-07	1.86E-04	2.35E-04
3174	473363.09	3846877.25	0.00354	0.00376	0.0035	5.27E-05	2.65E-07	9.11E-05	0.000144	5.38E-05	2.61E-07	1.01E-04	0.000155	5.12E-05	3.32E-07	1.94E-04	2.46E-04
3175	473863.09	3846877.25	0.00366	0.00381	0.00357	5.45E-05	2.69E-07	9.29E-05	0.000148	5.57E-05	2.65E-07	1.03E-04	0.000159	5.29E-05	3.36E-07	1.98E-04	2.52E-04
3176	474363.09	3846877.25	0.00372	0.00377	0.00361	5.54E-05	2.66E-07	9.39E-05	0.00015	5.66E-05	2.62E-07	1.04E-04	0.000161	5.38E-05	3.33E-07	2.01E-04	2.55E-04
3177	474863.09	3846877.25	0.00408	0.00411	0.00396	6.07E-05	2.90E-07	1.03E-04	0.000164	6.21E-05	2.86E-07	1.15E-04	0.000177	5.90E-05	3.63E-07	2.20E-04	2.79E-04
3178	475363.09	3846877.25	0.00484	0.00494	0.00473	7.20E-05	3.49E-07	1.23E-04	0.000195	7.36E-05	3.43E-07	1.37E-04	0.000211	6.99E-05	4.36E-07	2.63E-04	3.33E-04
3179	475863.09	3846877.25	0.00627	0.00651	0.00621	9.33E-05	4.60E-07	1.62E-04	0.000255	9.54E-05	4.52E-07	1.80E-04	0.000276	9.06E-05	5.74E-07	3.45E-04	4.36E-04
3180	476363.09	3846877.25	0.00658	0.00691	0.00656	9.79E-05	4.88E-07	1.71E-04	0.000269	1.00E-04	4.80E-07	1.90E-04	0.00029	9.51E-05	6.10E-07	3.65E-04	4.60E-04
3181	476863.09	3846877.25	0.00597	0.00606	0.00589	8.89E-05	4.28E-07	1.53E-04	0.000243	9.08E-05	4.21E-07	1.70E-04	0.000262	8.63E-05	5.35E-07	3.27E-04	4.14E-04
3182	477363.09	3846877.25	0.00521	0.00496	0.00509	7.75E-05	3.50E-07	1.32E-04	0.00021	7.92E-05	3.45E-07	1.47E-04	0.000227	7.53E-05	4.38E-07	2.83E-04	3.59E-04
3183	477863.09	3846877.25	0.00452	0.00485	0.00438	6.73E-05	3.42E-07	1.14E-04	0.000182	6.87E-05	3.37E-07	1.27E-04	0.000196	6.53E-05	4.28E-07	2.43E-04	3.09E-04
3184	478363.09	3846877.25	0.00416	0.00385	0.00394	6.19E-05	2.72E-07	1.03E-04	0.000165	6.33E-05	2.68E-07	1.14E-04	0.000178	6.01E-05	3.40E-07	2.19E-04	2.79E-04
3185	478863.09	3846877.25	0.0041	0.004	0.00388	6.10E-05	2.82E-07	1.01E-04	0.000162	6.24E-05	2.78E-07	1.12E-04	0.000175	5.92E-05	3.53E-07	2.16E-04	2.75E-04
3186	479363.09	3846877.25	0.00385	0.004	0.00368	5.73E-05	2.82E-07	9.57E-05	0.000153	5.86E-05	2.78E-07	1.06E-04	0.000165	5.56E-05	3.53E-07	2.04E-04	2.60E-04
3187	479863.09	3846877.25	0.00305	0.00298	0.00287	4.54E-05	2.10E-07	7.47E-05	0.00012	4.64E-05	2.07E-07	8.31E-05	0.00013	4.41E-05	2.63E-07	1.59E-04	2.04E-04
3188	480363.09	3846877.25	0.00259	0.00244	0.00247	3.86E-05	1.72E-07	6.43E-05	0.000103	3.94E-05	1.70E-07	7.15E-05	0.000111	3.74E-05	2.15E-07	1.37E-04	1.75E-04
3189	480863.09	3846877.25	0.00241	0.00239	0.00233	3.59E-05	1.69E-07	6.06E-05	9.67E-05	3.67E-05	1.66E-07	6.74E-05	0.000104	3.48E-05	2.11E-07	1.29E-04	1.65E-04
3190	481363.09	3846877.25	0.00247	0.00262	0.00234	3.68E-05	1.85E-07	6.09E-05	9.78E-05	3.76E-05	1.82E-07	6.77E-05	0.000105	3.57E-05	2.31E-07	1.30E-04	1.66E-04
3191	481863.09	3846877.25	0.00237	0.00231	0.00226	3.53E-05	1.63E-07	5.88E-05	9.42E-05	3.60E-05	1.61E-07	6.54E-05	0.000102	3.42E-05	2.04E-07	1.26E-04	1.60E-04
3192	482363.09	3846877.25	0.00207	0.0021	0.00199	3.08E-05	1.48E-07	5.18E-05	8.27E-05	3.15E-05	1.46E-07	5.76E-05	8.92E-05	2.99E-05	1.85E-07	1.11E-04	1.41E-04

3193	482863.09	3846877.25	0.00202	0.00209	0.00191	3.01E-05	1.48E-07	4.97E-05	7.99E-05	3.07E-05	1.45E-07	5.53E-05	8.61E-05	2.92E-05	1.84E-07	1.06E-04	1.36E-04
3194	483363.09	3846877.25	0.00194	0.00185	0.00185	2.89E-05	1.31E-07	4.81E-05	7.71E-05	2.95E-05	1.29E-07	5.35E-05	8.32E-05	2.80E-05	1.63E-07	1.03E-04	1.31E-04
3195	483863.09	3846877.25	0.00187	0.00188	0.00179	2.78E-05	1.33E-07	4.66E-05	7.45E-05	2.84E-05	1.31E-07	5.18E-05	8.04E-05	2.70E-05	1.66E-07	9.95E-05	1.27E-04
3196	484363.09	3846877.25	0.00181	0.00177	0.00173	2.69E-05	1.25E-07	4.50E-05	7.21E-05	2.75E-05	1.23E-07	5.01E-05	7.77E-05	2.62E-05	1.56E-07	9.61E-05	1.22E-04
3197	484863.09	3846877.25	0.00175	0.00169	0.00166	2.60E-05	1.19E-07	4.32E-05	6.94E-05	2.66E-05	1.17E-07	4.80E-05	7.48E-05	2.53E-05	1.49E-07	9.22E-05	1.18E-04
3198	485363.09	3846877.25	0.00171	0.00168	0.00165	2.55E-05	1.19E-07	4.29E-05	6.85E-05	2.60E-05	1.17E-07	4.77E-05	7.39E-05	2.47E-05	1.48E-07	9.17E-05	1.17E-04
3199	485863.09	3846877.25	0.0016	0.00164	0.00157	2.38E-05	1.16E-07	4.08E-05	6.48E-05	2.43E-05	1.14E-07	4.54E-05	6.99E-05	2.31E-05	1.45E-07	8.72E-05	1.11E-04
3200	486363.09	3846877.25	0.00163	0.00172	0.00157	2.43E-05	1.21E-07	4.08E-05	6.52E-05	2.48E-05	1.20E-07	4.54E-05	7.03E-05	2.36E-05	1.52E-07	8.72E-05	1.11E-04
3201	486863.09	3846877.25	0.00144	0.00152	0.00141	2.14E-05	1.07E-07	3.67E-05	5.82E-05	2.19E-05	1.06E-07	4.08E-05	6.28E-05	2.08E-05	1.34E-07	7.83E-05	9.93E-05
3202	487363.09	3846877.25	0.00143	0.00148	0.00141	2.13E-05	1.05E-07	3.67E-05	5.81E-05	2.17E-05	1.03E-07	4.08E-05	6.27E-05	2.07E-05	1.31E-07	7.83E-05	9.91E-05
3203	487863.09	3846877.25	0.0014	0.00146	0.0014	2.08E-05	1.03E-07	3.64E-05	5.74E-05	2.13E-05	1.01E-07	4.05E-05	6.19E-05	2.02E-05	1.29E-07	7.78E-05	9.82E-05
3204	488363.09	3846877.25	0.00137	0.00149	0.00139	2.04E-05	1.05E-07	3.62E-05	5.67E-05	2.08E-05	1.04E-07	4.02E-05	6.12E-05	1.98E-05	1.31E-07	7.72E-05	9.72E-05
3205	488863.09	3846877.25	0.00138	0.00145	0.00142	2.05E-05	1.02E-07	3.69E-05	5.76E-05	2.10E-05	1.01E-07	4.11E-05	6.22E-05	1.99E-05	1.28E-07	7.89E-05	9.90E-05
3206	489363.09	3846877.25	0.00139	0.00155	0.00145	2.07E-05	1.09E-07	3.77E-05	5.85E-05	2.11E-05	1.08E-07	4.20E-05	6.32E-05	2.01E-05	1.37E-07	8.06E-05	1.01E-04
3207	489863.09	3846877.25	0.00138	0.00171	0.00144	2.05E-05	1.21E-07	3.75E-05	5.81E-05	2.10E-05	1.19E-07	4.17E-05	6.28E-05	1.99E-05	1.51E-07	8.00E-05	1.00E-04
3208	490363.09	3846877.25	0.00128	0.0017	0.00137	1.91E-05	1.20E-07	3.56E-05	5.48E-05	1.95E-05	1.18E-07	3.96E-05	5.92E-05	1.85E-05	1.50E-07	7.61E-05	9.48E-05
3209	490863.09	3846877.25	0.00129	0.00165	0.00139	1.92E-05	1.17E-07	3.62E-05	5.55E-05	1.96E-05	1.15E-07	4.02E-05	6E-05	1.86E-05	1.46E-07	7.72E-05	9.60E-05
3210	491363.09	3846877.25	0.00132	0.00164	0.00144	1.96E-05	1.16E-07	3.75E-05	5.72E-05	2.01E-05	1.14E-07	4.17E-05	6.19E-05	1.91E-05	1.45E-07	8.00E-05	9.92E-05
3211	491863.09	3846877.25	0.00132	0.00163	0.00144	1.96E-05	1.15E-07	3.75E-05	5.72E-05	2.01E-05	1.13E-07	4.17E-05	6.19E-05	1.91E-05	1.44E-07	8.00E-05	9.92E-05
3212	492363.09	3846877.25	0.00149	0.00185	0.0016	2.22E-05	1.31E-07	4.16E-05	6.39E-05	2.27E-05	1.29E-07	4.63E-05	6.91E-05	2.15E-05	1.63E-07	8.89E-05	1.11E-04
3213	492863.09	3846877.25	0.00157	0.00193	0.00168	2.34E-05	1.36E-07	4.37E-05	6.72E-05	2.39E-05	1.34E-07	4.86E-05	7.26E-05	2.27E-05	1.70E-07	9.34E-05	1.16E-04
3214	493363.09	3846877.25	0.00169	0.00205	0.00181	2.52E-05	1.45E-07	4.71E-05	7.24E-05	2.57E-05	1.42E-07	5.24E-05	7.82E-05	2.44E-05	1.81E-07	1.01E-04	1.25E-04
3215	493863.09	3846877.25	0.0018	0.00218	0.00194	2.68E-05	1.54E-07	5.05E-05	7.74E-05	2.74E-05	1.52E-07	5.61E-05	8.37E-05	2.60E-05	1.92E-07	1.08E-04	1.34E-04
3216	494363.09	3846877.25	0.00191	0.00234	0.00205	2.84E-05	1.65E-07	5.33E-05	8.19E-05	2.90E-05	1.63E-07	5.93E-05	8.85E-05	2.76E-05	2.06E-07	1.14E-04	1.42E-04
3217	494863.09	3846877.25	0.00204	0.0026	0.00219	3.04E-05	1.84E-07	5.70E-05	8.75E-05	3.10E-05	1.81E-07	6.34E-05	9.46E-05	2.95E-05	2.29E-07	1.22E-04	1.51E-04
3218	495363.09	3846877.25	0.00217	0.00289	0.00234	3.23E-05	2.04E-07	6.09E-05	9.34E-05	3.30E-05	2.01E-07	6.77E-05	0.000101	3.14E-05	2.55E-07	1.30E-04	1.62E-04
3219	495863.09	3846877.25	0.00231	0.00309	0.00249	3.44E-05	2.18E-07	6.48E-05	9.94E-05	3.51E-05	2.15E-07	7.21E-05	0.000107	3.34E-05	2.73E-07	1.38E-04	1.72E-04
3220	496363.09	3846877.25	0.00247	0.00328	0.00265	3.68E-05	2.32E-07	6.89E-05	0.000106	3.76E-05	2.28E-07	7.67E-05	0.000114	3.57E-05	2.89E-07	1.47E-04	1.83E-04
3221	496863.09	3846877.25	0.00266	0.00355	0.00285	3.96E-05	2.51E-07	7.41E-05	0.000114	4.05E-05	2.47E-07	8.25E-05	0.000123	3.84E-05	3.13E-07	1.58E-04	1.97E-04
3222	497363.09	3846877.25	0.0029	0.00388	0.00309	4.32E-05	2.74E-07	8.04E-05	0.000124	4.41E-05	2.70E-07	8.94E-05	0.000134	4.19E-05	3.42E-07	1.72E-04	2.14E-04
3223	497863.09	3846877.25	0.00312	0.00416	0.00331	4.64E-05	2.94E-07	8.61E-05	0.000133	4.75E-05	2.89E-07	9.58E-05	0.000144	4.51E-05	3.67E-07	1.84E-04	2.29E-04
3224	498363.09	3846877.25	0.00323	0.00428	0.00343	4.81E-05	3.02E-07	8.92E-05	0.000138	4.91E-05	2.97E-07	9.93E-05	0.000149	4.67E-05	3.78E-07	1.91E-04	2.38E-04
3225	471363.09	3847377.25	0.00589	0.00631	0.0058	8.77E-05	4.46E-07	1.51E-04	0.000239	8.96E-05	4.39E-07	1.68E-04	0.000258	8.51E-05	5.57E-07	3.22E-04	4.08E-04
3226	471863.09	3847377.25	0.00598	0.00642	0.00583	8.90E-05	4.53E-07	1.52E-04	0.000241	9.09E-05	4.46E-07	1.69E-04	0.00026	8.64E-05	5.66E-07	3.24E-04	4.11E-04
3227	472363.09	3847377.25	0.00607	0.00639	0.00583	9.04E-05	4.51E-07	1.52E-04	0.000242	9.23E-05	4.44E-07	1.69E-04	0.000261	8.77E-05	5.64E-07	3.24E-04	4.12E-04
3228	472863.09	3847377.25	0.0058	0.00606	0.00558	8.63E-05	4.28E-07	1.45E-04	0.000232	8.82E-05	4.21E-07	1.61E-04	0.00025	8.38E-05	5.35E-07	3.10E-04	3.94E-04
3229	473363.09	3847377.25	0.00454	0.00477	0.00445	6.76E-05	3.37E-07	1.16E-04	0.000184	6.90E-05	3.32E-07	1.29E-04	0.000198	6.56E-05	4.21E-07	2.47E-04	3.13E-04
3230	473863.09	3847377.25	0.00436	0.00461	0.00427	6.49E-05	3.26E-07	1.11E-04	0.000176	6.63E-05	3.20E-07	1.24E-04	0.00019	6.30E-05	4.07E-07	2.37E-04	3.01E-04
3231	474363.09	3847377.25	0.00436	0.00458	0.00423	6.49E-05	3.23E-07	1.10E-04	0.000175	6.63E-05	3.18E-07	1.22E-04	0.000189	6.30E-05	4.04E-07	2.35E-04	2.98E-04
3232	474863.09	3847377.25	0.00418	0.00424	0.00404	6.22E-05	2.99E-07	1.05E-04	0.000168	6.36E-05	2.95E-07	1.17E-04	0.000181	6.04E-05	3.74E-07	2.24E-04	2.85E-04
3233	475363.09	3847377.25	0.00434	0.00439	0.00422	6.46E-05	3.10E-07	1.10E-04	0.000175	6.60E-05	3.05E-07	1.22E-04	0.000188	6.27E-05	3.87E-07	2.34E-04	2.98E-04
3234	475863.09	3847377.25	0.00582	0.00598	0.00568	8.66E-05	4.22E-07	1.48E-04	0.000235	8.85E-05	4.16E-07	1.64E-04	0.000253	8.41E-05	5.28E-07	3.16E-04	4.00E-04
3235	476363.09	3847377.25	0.0077	0.00812	0.00763	1.15E-04	5.73E-07	1.99E-04	0.000314	1.17E-04	5.64E-07	2.21E-04	0.000338	1.11E-04	7.16E-07	4.24E-04	5.36E-04
3236	476863.09	3847377.25	0.00735	0.00777	0.00732	1.09E-04	5.49E-07	1.90E-04	0.0003	1.12E-04	5.40E-07	2.12E-04	0.000324	1.06E-04	6.86E-07	4.07E-04	5.14E-04
3237	477363.09	3847377.25	0.00674	0.00677	0.00662	1.00E-04	4.78E-07	1.72E-04	0.000273	1.03E-04	4.71E-07	1.92E-04	0.000295	9.74E-05	5.97E-07	3.68E-04	4.66E-04
3238	477863.09	3847377.25	0.00572	0.00556	0.00559	8.51E-05	3.93E-07	1.45E-04	0.000231	8.70E-05	3.86E-07	1.62E-04	0.000249	8.27E-05	4.91E-07	3.11E-04	3.94E-04
3239	478363.09	3847377.25	0.00513	0.00548	0.00492	7.64E-05	3.87E-07	1.28E-04	0.000205	7.80E-05	3.81E-07	1.42E-04	0.000221	7.41E-05	4.84E-07	2.73E-04	3.48E-04

3240	478863.09	3847377.25	0.00487	0.00444	0.00461	7.25E-05	3.14E-07	1.20E-04	0.000193	7.41E-05	3.09E-07	1.33E-04	0.000208	7.04E-05	3.92E-07	2.56E-04	3.27E-04
3241	479363.09	3847377.25	0.00396	0.00395	0.00377	5.89E-05	2.79E-07	9.81E-05	0.000157	6.02E-05	2.75E-07	1.09E-04	0.00017	5.72E-05	3.49E-07	2.09E-04	2.67E-04
3242	479863.09	3847377.25	0.00292	0.0031	0.00281	4.35E-05	2.19E-07	7.31E-05	0.000117	4.44E-05	2.15E-07	8.13E-05	0.000126	4.22E-05	2.74E-07	1.56E-04	1.99E-04
3243	480363.09	3847377.25	0.0022	0.00219	0.00215	3.27E-05	1.55E-07	5.59E-05	8.88E-05	3.35E-05	1.52E-07	6.22E-05	9.58E-05	3.18E-05	1.93E-07	1.19E-04	1.51E-04
3244	480863.09	3847377.25	0.002	0.00207	0.00198	2.98E-05	1.46E-07	5.15E-05	8.14E-05	3.04E-05	1.44E-07	5.73E-05	8.79E-05	2.89E-05	1.83E-07	1.10E-04	1.39E-04
3245	481363.09	3847377.25	0.00218	0.00237	0.00212	3.24E-05	1.67E-07	5.52E-05	8.78E-05	3.32E-05	1.65E-07	6.13E-05	9.47E-05	3.15E-05	2.09E-07	1.18E-04	1.50E-04
3246	481863.09	3847377.25	0.0026	0.00265	0.00247	3.87E-05	1.87E-07	6.43E-05	0.000103	3.95E-05	1.84E-07	7.15E-05	0.000111	3.76E-05	2.34E-07	1.37E-04	1.75E-04
3247	482363.09	3847377.25	0.00248	0.00247	0.00236	3.69E-05	1.74E-07	6.14E-05	9.85E-05	3.77E-05	1.72E-07	6.83E-05	0.000106	3.58E-05	2.18E-07	1.31E-04	1.67E-04
3248	482863.09	3847377.25	0.00234	0.0024	0.0022	3.48E-05	1.69E-07	5.72E-05	9.22E-05	3.56E-05	1.67E-07	6.37E-05	9.94E-05	3.38E-05	2.12E-07	1.22E-04	1.56E-04
3249	483363.09	3847377.25	0.00218	0.00206	0.00209	3.24E-05	1.45E-07	5.44E-05	8.7E-05	3.32E-05	1.43E-07	6.05E-05	9.38E-05	3.15E-05	1.82E-07	1.16E-04	1.48E-04
3250	483863.09	3847377.25	0.0021	0.00215	0.00201	3.13E-05	1.52E-07	5.23E-05	8.37E-05	3.19E-05	1.49E-07	5.82E-05	9.03E-05	3.03E-05	1.90E-07	1.12E-04	1.42E-04
3251	484363.09	3847377.25	0.00212	0.00206	0.00202	3.16E-05	1.45E-07	5.26E-05	8.43E-05	3.22E-05	1.43E-07	5.85E-05	9.08E-05	3.06E-05	1.82E-07	1.12E-04	1.43E-04
3252	484863.09	3847377.25	0.00202	0.0019	0.00191	3.01E-05	1.34E-07	4.97E-05	7.99E-05	3.07E-05	1.32E-07	5.53E-05	8.61E-05	2.92E-05	1.68E-07	1.06E-04	1.35E-04
3253	485363.09	3847377.25	0.00194	0.00192	0.00187	2.89E-05	1.36E-07	4.86E-05	7.77E-05	2.95E-05	1.33E-07	5.41E-05	8.38E-05	2.80E-05	1.69E-07	1.04E-04	1.32E-04
3254	485863.09	3847377.25	0.00191	0.002	0.00184	2.84E-05	1.41E-07	4.79E-05	7.64E-05	2.90E-05	1.39E-07	5.32E-05	8.24E-05	2.76E-05	1.76E-07	1.02E-04	1.30E-04
3255	486363.09	3847377.25	0.00188	0.00195	0.0018	2.80E-05	1.38E-07	4.68E-05	7.49E-05	2.86E-05	1.36E-07	5.21E-05	8.08E-05	2.72E-05	1.72E-07	1.00E-04	1.27E-04
3256	486863.09	3847377.25	0.0017	0.00175	0.00165	2.53E-05	1.24E-07	4.29E-05	6.84E-05	2.59E-05	1.22E-07	4.77E-05	7.37E-05	2.46E-05	1.54E-07	9.17E-05	1.16E-04
3257	487363.09	3847377.25	0.00168	0.00171	0.00164	2.50E-05	1.21E-07	4.27E-05	6.78E-05	2.56E-05	1.19E-07	4.75E-05	7.31E-05	2.43E-05	1.51E-07	9.11E-05	1.16E-04
3258	487863.09	3847377.25	0.00158	0.00165	0.00157	2.35E-05	1.17E-07	4.08E-05	6.45E-05	2.40E-05	1.15E-07	4.54E-05	6.96E-05	2.28E-05	1.46E-07	8.72E-05	1.10E-04
3259	488363.09	3847377.25	0.00155	0.00166	0.00157	2.31E-05	1.17E-07	4.08E-05	6.4E-05	2.36E-05	1.15E-07	4.54E-05	6.91E-05	2.24E-05	1.46E-07	8.72E-05	1.10E-04
3260	488863.09	3847377.25	0.00156	0.00167	0.0016	2.32E-05	1.18E-07	4.16E-05	6.5E-05	2.37E-05	1.16E-07	4.63E-05	7.01E-05	2.25E-05	1.47E-07	8.89E-05	1.12E-04
3261	489363.09	3847377.25	0.00159	0.00187	0.00163	2.37E-05	1.32E-07	4.24E-05	6.62E-05	2.42E-05	1.30E-07	4.72E-05	7.15E-05	2.30E-05	1.65E-07	9.06E-05	1.14E-04
3262	489863.09	3847377.25	0.00155	0.00203	0.00162	2.31E-05	1.43E-07	4.21E-05	6.54E-05	2.36E-05	1.41E-07	4.69E-05	7.06E-05	2.24E-05	1.79E-07	9.00E-05	1.13E-04
3263	490363.09	3847377.25	0.00152	0.00197	0.00161	2.26E-05	1.39E-07	4.19E-05	6.46E-05	2.31E-05	1.37E-07	4.66E-05	6.98E-05	2.20E-05	1.74E-07	8.95E-05	1.12E-04
3264	490863.09	3847377.25	0.00155	0.00193	0.00165	2.31E-05	1.36E-07	4.29E-05	6.61E-05	2.36E-05	1.34E-07	4.77E-05	7.15E-05	2.24E-05	1.70E-07	9.17E-05	1.14E-04
3265	491363.09	3847377.25	0.00157	0.00193	0.00168	2.34E-05	1.36E-07	4.37E-05	6.72E-05	2.39E-05	1.34E-07	4.86E-05	7.26E-05	2.27E-05	1.70E-07	9.34E-05	1.16E-04
3266	491863.09	3847377.25	0.0017	0.00212	0.00181	2.53E-05	1.50E-07	4.71E-05	7.25E-05	2.59E-05	1.47E-07	5.24E-05	7.84E-05	2.46E-05	1.87E-07	1.01E-04	1.25E-04
3267	492363.09	3847377.25	0.00174	0.00216	0.00186	2.59E-05	1.53E-07	4.84E-05	7.44E-05	2.65E-05	1.50E-07	5.38E-05	8.04E-05	2.51E-05	1.91E-07	1.03E-04	1.29E-04
3268	492863.09	3847377.25	0.00186	0.00226	0.002	2.77E-05	1.60E-07	5.20E-05	7.99E-05	2.83E-05	1.57E-07	5.79E-05	8.63E-05	2.69E-05	1.99E-07	1.11E-04	1.38E-04
3269	493363.09	3847377.25	0.00197	0.00242	0.00212	2.93E-05	1.71E-07	5.52E-05	8.46E-05	3.00E-05	1.68E-07	6.13E-05	9.15E-05	2.85E-05	2.14E-07	1.18E-04	1.46E-04
3270	493863.09	3847377.25	0.00204	0.00254	0.0022	3.04E-05	1.79E-07	5.72E-05	8.78E-05	3.10E-05	1.77E-07	6.37E-05	9.49E-05	2.95E-05	2.24E-07	1.22E-04	1.52E-04
3271	494363.09	3847377.25	0.00213	0.00277	0.00229	3.17E-05	1.96E-07	5.96E-05	9.15E-05	3.24E-05	1.93E-07	6.63E-05	9.89E-05	3.08E-05	2.44E-07	1.27E-04	1.58E-04
3272	494863.09	3847377.25	0.00225	0.00304	0.00243	3.35E-05	2.15E-07	6.32E-05	9.69E-05	3.42E-05	2.11E-07	7.03E-05	0.000105	3.25E-05	2.68E-07	1.35E-04	1.68E-04
3273	495363.09	3847377.25	0.00237	0.00323	0.00256	3.53E-05	2.28E-07	6.66E-05	0.000102	3.60E-05	2.24E-07	7.41E-05	0.00011	3.42E-05	2.85E-07	1.42E-04	1.77E-04
3274	495863.09	3847377.25	0.00253	0.00342	0.00273	3.77E-05	2.41E-07	7.10E-05	0.000109	3.85E-05	2.38E-07	7.90E-05	0.000118	3.66E-05	3.02E-07	1.52E-04	1.89E-04
3275	496363.09	3847377.25	0.00269	0.00364	0.00289	4.00E-05	2.57E-07	7.52E-05	0.000115	4.09E-05	2.53E-07	8.36E-05	0.000125	3.89E-05	3.21E-07	1.61E-04	2.00E-04
3276	496863.09	3847377.25	0.00294	0.00399	0.00315	4.38E-05	2.82E-07	8.19E-05	0.000126	4.47E-05	2.77E-07	9.12E-05	0.000136	4.25E-05	3.52E-07	1.75E-04	2.18E-04
3277	497363.09	3847377.25	0.00325	0.00438	0.00347	4.84E-05	3.09E-07	9.03E-05	0.000139	4.94E-05	3.04E-07	1.00E-04	0.00015	4.70E-05	3.86E-07	1.93E-04	2.40E-04
3278	497863.09	3847377.25	0.00361	0.0048	0.00384	5.37E-05	3.39E-07	9.99E-05	0.000154	5.49E-05	3.34E-07	1.11E-04	0.000166	5.22E-05	4.24E-07	2.13E-04	2.66E-04
3279	498363.09	3847377.25	0.0038	0.00501	0.00405	5.66E-05	3.54E-07	1.05E-04	0.000162	5.78E-05	3.48E-07	1.17E-04	0.000175	5.49E-05	4.42E-07	2.25E-04	2.80E-04
3280	471363.09	3847877.25	0.00635	0.007	0.00633	9.45E-05	4.94E-07	1.65E-04	0.00026	9.66E-05	4.87E-07	1.83E-04	0.00028	9.18E-05	6.18E-07	3.52E-04	4.44E-04
3281	471863.09	3847877.25	0.00652	0.00704	0.00644	9.70E-05	4.97E-07	1.68E-04	0.000265	9.92E-05	4.89E-07	1.86E-04	0.000286	9.42E-05	6.21E-07	3.58E-04	4.53E-04
3282	472363.09	3847877.25	0.00661	0.00714	0.00647	9.84E-05	5.04E-07	1.68E-04	0.000267	1.01E-04	4.96E-07	1.87E-04	0.000288	9.55E-05	6.30E-07	3.60E-04	4.56E-04
3283	472863.09	3847877.25	0.00667	0.00715	0.00645	9.93E-05	5.05E-07	1.68E-04	0.000268	1.01E-04	4.97E-07	1.87E-04	0.000289	9.64E-05	6.31E-07	3.58E-04	4.55E-04
3284	473363.09	3847877.25	0.00675	0.00712	0.00645	1.00E-04	5.03E-07	1.68E-04	0.000269	1.03E-04	4.95E-07	1.87E-04	0.00029	9.75E-05	6.28E-07	3.58E-04	4.57E-04
3285	473863.09	3847877.25	0.00631	0.00666	0.00607	9.39E-05	4.70E-07	1.58E-04	0.000252	9.60E-05	4.63E-07	1.76E-04	0.000272	9.12E-05	5.88E-07	3.37E-04	4.29E-04
3286	474363.09	3847877.25	0.00512	0.00541	0.00499	7.62E-05	3.82E-07	1.30E-04	0.000206	7.79E-05	3.76E-07	1.44E-04	0.000223	7.40E-05	4.77E-07	2.77E-04	3.52E-04

3287	474863.09	3847877.25	0.00511	0.00542	0.00495	7.61E-05	3.83E-07	1.29E-04	0.000205	7.77E-05	3.77E-07	1.43E-04	0.000221	7.38E-05	4.78E-07	2.75E-04	3.49E-04
3288	475363.09	3847877.25	0.00467	0.00478	0.00451	6.95E-05	3.38E-07	1.17E-04	0.000187	7.10E-05	3.32E-07	1.31E-04	0.000202	6.75E-05	4.22E-07	2.51E-04	3.19E-04
3289	475863.09	3847877.25	0.00478	0.00485	0.00464	7.11E-05	3.42E-07	1.21E-04	0.000192	7.27E-05	3.37E-07	1.34E-04	0.000207	6.91E-05	4.28E-07	2.58E-04	3.27E-04
3290	476363.09	3847877.25	0.00719	0.00748	0.007	1.07E-04	5.28E-07	1.82E-04	0.00029	1.09E-04	5.20E-07	2.03E-04	0.000312	1.04E-04	6.60E-07	3.89E-04	4.94E-04
3291	476863.09	3847877.25	0.00867	0.00921	0.00859	1.29E-04	6.50E-07	2.23E-04	0.000353	1.32E-04	6.40E-07	2.49E-04	0.000381	1.25E-04	8.13E-07	4.77E-04	6.03E-04
3292	477363.09	3847877.25	0.00856	0.00915	0.00852	1.27E-04	6.46E-07	2.22E-04	0.00035	1.30E-04	6.36E-07	2.47E-04	0.000377	1.24E-04	8.07E-07	4.73E-04	5.98E-04
3293	477863.09	3847877.25	0.00756	0.00749	0.0074	1.13E-04	5.29E-07	1.93E-04	0.000306	1.15E-04	5.21E-07	2.14E-04	0.00033	1.09E-04	6.61E-07	4.11E-04	5.21E-04
3294	478363.09	3847877.25	0.00646	0.00652	0.00632	9.62E-05	4.60E-07	1.64E-04	0.000261	9.82E-05	4.53E-07	1.83E-04	0.000282	9.33E-05	5.75E-07	3.51E-04	4.45E-04
3295	478863.09	3847877.25	0.0057	0.00583	0.00542	8.48E-05	4.12E-07	1.41E-04	0.000226	8.67E-05	4.05E-07	1.57E-04	0.000244	8.24E-05	5.14E-07	3.01E-04	3.84E-04
3296	479363.09	3847877.25	0.00396	0.00379	0.00382	5.89E-05	2.68E-07	9.94E-05	0.000159	6.02E-05	2.63E-07	1.11E-04	0.000171	5.72E-05	3.34E-07	2.12E-04	2.70E-04
3297	479863.09	3847877.25	0.00251	0.00269	0.00248	3.74E-05	1.90E-07	6.45E-05	0.000102	3.82E-05	1.87E-07	7.18E-05	0.00011	3.63E-05	2.37E-07	1.38E-04	1.74E-04
3298	480363.09	3847877.25	0.00258	0.00266	0.00251	3.84E-05	1.88E-07	6.53E-05	0.000104	3.92E-05	1.85E-07	7.26E-05	0.000112	3.73E-05	2.35E-07	1.39E-04	1.77E-04
3299	480863.09	3847877.25	0.00233	0.00235	0.00228	3.47E-05	1.66E-07	5.93E-05	9.42E-05	3.54E-05	1.63E-07	6.60E-05	0.000102	3.37E-05	2.07E-07	1.27E-04	1.61E-04
3300	481363.09	3847877.25	0.00236	0.00251	0.00231	3.51E-05	1.77E-07	6.01E-05	9.54E-05	3.59E-05	1.74E-07	6.68E-05	0.000103	3.41E-05	2.21E-07	1.28E-04	1.63E-04
3301	481863.09	3847877.25	0.00303	0.00311	0.00285	4.51E-05	2.20E-07	7.41E-05	0.000119	4.61E-05	2.16E-07	8.25E-05	0.000129	4.38E-05	2.74E-07	1.58E-04	2.02E-04
3302	482363.09	3847877.25	0.00284	0.00286	0.00271	4.23E-05	2.02E-07	7.05E-05	0.000113	4.32E-05	1.99E-07	7.84E-05	0.000122	4.10E-05	2.52E-07	1.51E-04	1.92E-04
3303	482863.09	3847877.25	0.00263	0.00271	0.00247	3.91E-05	1.91E-07	6.43E-05	0.000104	4.00E-05	1.88E-07	7.15E-05	0.000112	3.80E-05	2.39E-07	1.37E-04	1.75E-04
3304	483363.09	3847877.25	0.00249	0.00231	0.00235	3.71E-05	1.63E-07	6.11E-05	9.84E-05	3.79E-05	1.61E-07	6.80E-05	0.000106	3.60E-05	2.04E-07	1.31E-04	1.67E-04
3305	483863.09	3847877.25	0.00242	0.00246	0.0023	3.60E-05	1.74E-07	5.98E-05	9.6E-05	3.68E-05	1.71E-07	6.66E-05	0.000104	3.50E-05	2.17E-07	1.28E-04	1.63E-04
3306	484363.09	3847877.25	0.00242	0.00234	0.00228	3.60E-05	1.65E-07	5.93E-05	9.55E-05	3.68E-05	1.63E-07	6.60E-05	0.000103	3.50E-05	2.06E-07	1.27E-04	1.62E-04
3307	484863.09	3847877.25	0.00233	0.00215	0.00221	3.47E-05	1.52E-07	5.75E-05	9.23E-05	3.54E-05	1.49E-07	6.40E-05	9.95E-05	3.37E-05	1.90E-07	1.23E-04	1.57E-04
3308	485363.09	3847877.25	0.00229	0.00226	0.00218	3.41E-05	1.60E-07	5.67E-05	9.1E-05	3.48E-05	1.57E-07	6.31E-05	9.81E-05	3.31E-05	1.99E-07	1.21E-04	1.54E-04
3309	485863.09	3847877.25	0.00227	0.0024	0.00214	3.38E-05	1.69E-07	5.57E-05	8.96E-05	3.45E-05	1.67E-07	6.19E-05	9.66E-05	3.28E-05	2.12E-07	1.19E-04	1.52E-04
3310	486363.09	3847877.25	0.0021	0.00213	0.00201	3.13E-05	1.50E-07	5.23E-05	8.37E-05	3.19E-05	1.48E-07	5.82E-05	9.03E-05	3.03E-05	1.88E-07	1.12E-04	1.42E-04
3311	486863.09	3847877.25	0.00198	0.00199	0.0019	2.95E-05	1.41E-07	4.94E-05	7.9E-05	3.01E-05	1.38E-07	5.50E-05	8.52E-05	2.86E-05	1.76E-07	1.06E-04	1.34E-04
3312	487363.09	3847877.25	0.00191	0.00195	0.00185	2.84E-05	1.38E-07	4.81E-05	7.67E-05	2.90E-05	1.36E-07	5.35E-05	8.27E-05	2.76E-05	1.72E-07	1.03E-04	1.31E-04
3313	487863.09	3847877.25	0.0018	0.00188	0.0018	2.68E-05	1.33E-07	4.68E-05	7.38E-05	2.74E-05	1.31E-07	5.21E-05	7.96E-05	2.60E-05	1.66E-07	1.00E-04	1.26E-04
3314	488363.09	3847877.25	0.00178	0.00189	0.00181	2.65E-05	1.33E-07	4.71E-05	7.37E-05	2.71E-05	1.31E-07	5.24E-05	7.96E-05	2.57E-05	1.67E-07	1.01E-04	1.26E-04
3315	488863.09	3847877.25	0.00181	0.00202	0.00184	2.69E-05	1.43E-07	4.79E-05	7.5E-05	2.75E-05	1.40E-07	5.32E-05	8.09E-05	2.62E-05	1.78E-07	1.02E-04	1.29E-04
3316	489363.09	3847877.25	0.00185	0.00231	0.00189	2.75E-05	1.63E-07	4.92E-05	7.69E-05	2.81E-05	1.61E-07	5.47E-05	8.3E-05	2.67E-05	2.04E-07	1.05E-04	1.32E-04
3317	489863.09	3847877.25	0.00194	0.00252	0.00199	2.89E-05	1.78E-07	5.18E-05	8.08E-05	2.95E-05	1.75E-07	5.76E-05	8.73E-05	2.80E-05	2.22E-07	1.11E-04	1.39E-04
3318	490363.09	3847877.25	0.00196	0.00246	0.00204	2.92E-05	1.74E-07	5.31E-05	8.24E-05	2.98E-05	1.71E-07	5.90E-05	8.9E-05	2.83E-05	2.17E-07	1.13E-04	1.42E-04
3319	490863.09	3847877.25	0.00197	0.00241	0.00205	2.93E-05	1.70E-07	5.33E-05	8.28E-05	3.00E-05	1.68E-07	5.93E-05	8.95E-05	2.85E-05	2.13E-07	1.14E-04	1.43E-04
3320	491363.09	3847877.25	0.00193	0.00239	0.00204	2.87E-05	1.69E-07	5.31E-05	8.2E-05	2.94E-05	1.66E-07	5.90E-05	8.86E-05	2.79E-05	2.11E-07	1.13E-04	1.41E-04
3321	491863.09	3847877.25	0.002	0.00249	0.00212	2.98E-05	1.76E-07	5.52E-05	8.51E-05	3.04E-05	1.73E-07	6.13E-05	9.19E-05	2.89E-05	2.20E-07	1.18E-04	1.47E-04
3322	492363.09	3847877.25	0.0021	0.00258	0.00224	3.13E-05	1.82E-07	5.83E-05	8.97E-05	3.19E-05	1.79E-07	6.48E-05	9.69E-05	3.03E-05	2.28E-07	1.24E-04	1.55E-04
3323	492863.09	3847877.25	0.00219	0.00271	0.00235	3.26E-05	1.91E-07	6.11E-05	9.39E-05	3.33E-05	1.88E-07	6.80E-05	0.000101	3.16E-05	2.39E-07	1.31E-04	1.62E-04
3324	493363.09	3847877.25	0.0022	0.0028	0.00238	3.27E-05	1.98E-07	6.19E-05	9.49E-05	3.35E-05	1.95E-07	6.89E-05	0.000103	3.18E-05	2.47E-07	1.32E-04	1.64E-04
3325	493863.09	3847877.25	0.00226	0.00301	0.00245	3.36E-05	2.13E-07	6.37E-05	9.76E-05	3.44E-05	2.09E-07	7.09E-05	0.000105	3.27E-05	2.66E-07	1.36E-04	1.69E-04
3326	494363.09	3847877.25	0.00237	0.00326	0.00257	3.53E-05	2.30E-07	6.69E-05	0.000102	3.60E-05	2.27E-07	7.44E-05	0.000111	3.42E-05	2.88E-07	1.43E-04	1.77E-04
3327	494863.09	3847877.25	0.00251	0.00348	0.00272	3.74E-05	2.46E-07	7.08E-05	0.000108	3.82E-05	2.42E-07	7.87E-05	0.000117	3.63E-05	3.07E-07	1.51E-04	1.88E-04
3328	495363.09	3847877.25	0.0026	0.00358	0.00282	3.87E-05	2.53E-07	7.34E-05	0.000112	3.95E-05	2.49E-07	8.16E-05	0.000121	3.76E-05	3.16E-07	1.57E-04	1.95E-04
3329	495863.09	3847877.25	0.0025	0.00345	0.00273	3.72E-05	2.44E-07	7.10E-05	0.000108	3.80E-05	2.40E-07	7.90E-05	0.000117	3.61E-05	3.04E-07	1.52E-04	1.88E-04
3330	496363.09	3847877.25	0.00295	0.00407	0.00319	4.39E-05	2.87E-07	8.30E-05	0.000127	4.49E-05	2.83E-07	9.23E-05	0.000137	4.26E-05	3.59E-07	1.77E-04	2.20E-04
3331	496863.09	3847877.25	0.00321	0.00439	0.00345	4.78E-05	3.10E-07	8.98E-05	0.000138	4.88E-05	3.05E-07	9.98E-05	0.000149	4.64E-05	3.87E-07	1.92E-04	2.38E-04
3332	497363.09	3847877.25	0.00356	0.00481	0.00382	5.30E-05	3.40E-07	9.94E-05	0.000153	5.41E-05	3.34E-07	1.11E-04	0.000165	5.14E-05	4.24E-07	2.12E-04	2.64E-04
3333	497863.09	3847877.25	0.00416	0.00555	0.00444	6.19E-05	3.92E-07	1.16E-04	0.000178	6.33E-05	3.86E-07	1.28E-04	0.000192	6.01E-05	4.90E-07	2.47E-04	3.07E-04

3334	498363.09	3847877.25	0.00451	0.00597	0.0048	6.71E-05	4.22E-07	1.25E-04	0.000192	6.86E-05	4.15E-07	1.39E-04	0.000208	6.52E-05	5.27E-07	2.67E-04	3.32E-04
3335	471363.09	3848377.25	0.00679	0.00731	0.00678	1.01E-04	5.16E-07	1.76E-04	0.000278	1.03E-04	5.08E-07	1.96E-04	0.0003	9.81E-05	6.45E-07	3.77E-04	4.76E-04
3336	471863.09	3848377.25	0.00697	0.00781	0.00696	1.04E-04	5.51E-07	1.81E-04	0.000285	1.06E-04	5.43E-07	2.01E-04	0.000308	1.01E-04	6.89E-07	3.87E-04	4.88E-04
3337	472363.09	3848377.25	0.0071	0.00783	0.00706	1.06E-04	5.53E-07	1.84E-04	0.00029	1.08E-04	5.44E-07	2.04E-04	0.000313	1.03E-04	6.91E-07	3.92E-04	4.96E-04
3338	472863.09	3848377.25	0.00726	0.00791	0.00716	1.08E-04	5.59E-07	1.86E-04	0.000295	1.10E-04	5.50E-07	2.07E-04	0.000318	1.05E-04	6.98E-07	3.98E-04	5.03E-04
3339	473363.09	3848377.25	0.00734	0.00798	0.00716	1.09E-04	5.63E-07	1.86E-04	0.000296	1.12E-04	5.55E-07	2.07E-04	0.000319	1.06E-04	7.04E-07	3.98E-04	5.05E-04
3340	473863.09	3848377.25	0.00745	0.00797	0.00716	1.11E-04	5.63E-07	1.86E-04	0.000298	1.13E-04	5.54E-07	2.07E-04	0.000321	1.08E-04	7.03E-07	3.98E-04	5.06E-04
3341	474363.09	3848377.25	0.0072	0.00765	0.00691	1.07E-04	5.40E-07	1.80E-04	0.000287	1.10E-04	5.32E-07	2.00E-04	0.00031	1.04E-04	6.75E-07	3.84E-04	4.89E-04
3342	474863.09	3848377.25	0.00611	0.00649	0.00594	9.09E-05	4.58E-07	1.55E-04	0.000246	9.29E-05	4.51E-07	1.72E-04	0.000265	8.83E-05	5.73E-07	3.30E-04	4.19E-04
3343	475363.09	3848377.25	0.00629	0.00674	0.00605	9.36E-05	4.76E-07	1.57E-04	0.000251	9.57E-05	4.68E-07	1.75E-04	0.000271	9.09E-05	5.95E-07	3.36E-04	4.28E-04
3344	475863.09	3848377.25	0.0055	0.00569	0.00529	8.19E-05	4.02E-07	1.38E-04	0.00022	8.36E-05	3.95E-07	1.53E-04	0.000237	7.95E-05	5.02E-07	2.94E-04	3.74E-04
3345	476363.09	3848377.25	0.00537	0.00546	0.0052	7.99E-05	3.86E-07	1.35E-04	0.000216	8.17E-05	3.79E-07	1.50E-04	0.000233	7.76E-05	4.82E-07	2.89E-04	3.67E-04
3346	476863.09	3848377.25	0.00852	0.00898	0.0083	1.27E-04	6.34E-07	2.16E-04	0.000343	1.30E-04	6.24E-07	2.40E-04	0.00037	1.23E-04	7.92E-07	4.61E-04	5.85E-04
3347	477363.09	3848377.25	0.00965	0.01032	0.00956	1.44E-04	7.29E-07	2.49E-04	0.000393	1.47E-04	7.17E-07	2.77E-04	0.000424	1.39E-04	9.11E-07	5.31E-04	6.72E-04
3348	477863.09	3848377.25	0.00964	0.01038	0.00958	1.43E-04	7.33E-07	2.49E-04	0.000393	1.47E-04	7.21E-07	2.77E-04	0.000425	1.39E-04	9.16E-07	5.32E-04	6.73E-04
3349	478363.09	3848377.25	0.00828	0.00808	0.00808	1.23E-04	5.71E-07	2.10E-04	0.000334	1.26E-04	5.62E-07	2.34E-04	0.00036	1.20E-04	7.13E-07	4.49E-04	5.69E-04
3350	478863.09	3848377.25	0.0067	0.00702	0.00654	9.97E-05	4.96E-07	1.70E-04	0.00027	1.02E-04	4.88E-07	1.89E-04	0.000292	9.68E-05	6.19E-07	3.63E-04	4.61E-04
3351	479363.09	3848377.25	0.00465	0.00454	0.00448	6.92E-05	3.21E-07	1.17E-04	0.000186	7.07E-05	3.16E-07	1.30E-04	0.000201	6.72E-05	4.01E-07	2.49E-04	3.17E-04
3352	479863.09	3848377.25	0.00199	0.00221	0.00206	2.96E-05	1.56E-07	5.36E-05	8.34E-05	3.03E-05	1.54E-07	5.96E-05	9E-05	2.88E-05	1.95E-07	1.14E-04	1.43E-04
3353	480363.09	3848377.25	0.00263	0.00288	0.00259	3.91E-05	2.03E-07	6.74E-05	0.000107	4.00E-05	2.00E-07	7.49E-05	0.000115	3.80E-05	2.54E-07	1.44E-04	1.82E-04
3354	480863.09	3848377.25	0.00342	0.00322	0.00327	5.09E-05	2.27E-07	8.51E-05	0.000136	5.20E-05	2.24E-07	9.46E-05	0.000147	4.94E-05	2.84E-07	1.82E-04	2.31E-04
3355	481363.09	3848377.25	0.00341	0.00331	0.00327	5.08E-05	2.34E-07	8.51E-05	0.000136	5.19E-05	2.30E-07	9.46E-05	0.000147	4.93E-05	2.92E-07	1.82E-04	2.31E-04
3356	481863.09	3848377.25	0.00352	0.00363	0.00333	5.24E-05	2.56E-07	8.66E-05	0.000139	5.35E-05	2.52E-07	9.64E-05	0.00015	5.09E-05	3.20E-07	1.85E-04	2.36E-04
3357	482363.09	3848377.25	0.00348	0.00354	0.00332	5.18E-05	2.50E-07	8.64E-05	0.000138	5.29E-05	2.46E-07	9.61E-05	0.000149	5.03E-05	3.12E-07	1.84E-04	2.35E-04
3358	482863.09	3848377.25	0.00307	0.00316	0.00288	4.57E-05	2.23E-07	7.49E-05	0.000121	4.67E-05	2.20E-07	8.33E-05	0.00013	4.44E-05	2.79E-07	1.60E-04	2.05E-04
3359	483363.09	3848377.25	0.00296	0.00273	0.00277	4.41E-05	1.93E-07	7.21E-05	0.000116	4.50E-05	1.90E-07	8.02E-05	0.000125	4.28E-05	2.41E-07	1.54E-04	1.97E-04
3360	483863.09	3848377.25	0.00272	0.00273	0.00257	4.05E-05	1.93E-07	6.69E-05	0.000108	4.14E-05	1.90E-07	7.44E-05	0.000116	3.93E-05	2.41E-07	1.43E-04	1.82E-04
3361	484363.09	3848377.25	0.00264	0.00257	0.00248	3.93E-05	1.81E-07	6.45E-05	0.000104	4.02E-05	1.79E-07	7.18E-05	0.000112	3.81E-05	2.27E-07	1.38E-04	1.76E-04
3362	484863.09	3848377.25	0.00277	0.00249	0.00261	4.12E-05	1.76E-07	6.79E-05	0.000109	4.21E-05	1.73E-07	7.55E-05	0.000118	4.00E-05	2.20E-07	1.45E-04	1.85E-04
3363	485363.09	3848377.25	0.00267	0.00269	0.00251	3.97E-05	1.90E-07	6.53E-05	0.000105	4.06E-05	1.87E-07	7.26E-05	0.000113	3.86E-05	2.37E-07	1.39E-04	1.78E-04
3364	485863.09	3848377.25	0.00259	0.00277	0.00245	3.86E-05	1.96E-07	6.37E-05	0.000102	3.94E-05	1.93E-07	7.09E-05	0.00011	3.74E-05	2.44E-07	1.36E-04	1.74E-04
3365	486363.09	3848377.25	0.00245	0.00238	0.00232	3.65E-05	1.68E-07	6.04E-05	9.7E-05	3.73E-05	1.65E-07	6.71E-05	0.000105	3.54E-05	2.10E-07	1.29E-04	1.65E-04
3366	486863.09	3848377.25	0.00228	0.0023	0.00218	3.39E-05	1.62E-07	5.67E-05	9.08E-05	3.47E-05	1.60E-07	6.31E-05	9.79E-05	3.29E-05	2.03E-07	1.21E-04	1.54E-04
3367	487363.09	3848377.25	0.00211	0.00217	0.00206	3.14E-05	1.53E-07	5.36E-05	8.52E-05	3.21E-05	1.51E-07	5.96E-05	9.19E-05	3.05E-05	1.91E-07	1.14E-04	1.45E-04
3368	487863.09	3848377.25	0.00209	0.00215	0.00208	3.11E-05	1.52E-07	5.41E-05	8.54E-05	3.18E-05	1.49E-07	6.02E-05	9.21E-05	3.02E-05	1.90E-07	1.16E-04	1.46E-04
3369	488363.09	3848377.25	0.00208	0.00229	0.0021	3.10E-05	1.62E-07	5.46E-05	8.58E-05	3.16E-05	1.59E-07	6.08E-05	9.26E-05	3.01E-05	2.02E-07	1.17E-04	1.47E-04
3370	488863.09	3848377.25	0.00212	0.00252	0.00215	3.16E-05	1.78E-07	5.59E-05	8.77E-05	3.22E-05	1.75E-07	6.22E-05	9.46E-05	3.06E-05	2.22E-07	1.19E-04	1.50E-04
3371	489363.09	3848377.25	0.00219	0.00281	0.00222	3.26E-05	1.98E-07	5.78E-05	9.06E-05	3.33E-05	1.95E-07	6.42E-05	9.77E-05	3.16E-05	2.48E-07	1.23E-04	1.55E-04
3372	489863.09	3848377.25	0.00234	0.00295	0.00238	3.48E-05	2.08E-07	6.19E-05	9.7E-05	3.56E-05	2.05E-07	6.89E-05	0.000105	3.38E-05	2.60E-07	1.32E-04	1.66E-04
3373	490363.09	3848377.25	0.00236	0.00291	0.00242	3.51E-05	2.05E-07	6.30E-05	9.83E-05	3.59E-05	2.02E-07	7.00E-05	0.000106	3.41E-05	2.57E-07	1.34E-04	1.69E-04
3374	490863.09	3848377.25	0.00232	0.00285	0.00241	3.45E-05	2.01E-07	6.27E-05	9.74E-05	3.53E-05	1.98E-07	6.97E-05	0.000105	3.35E-05	2.51E-07	1.34E-04	1.68E-04
3375	491363.09	3848377.25	0.00235	0.0029	0.00247	3.50E-05	2.05E-07	6.43E-05	9.94E-05	3.57E-05	2.02E-07	7.15E-05	0.000107	3.40E-05	2.56E-07	1.37E-04	1.71E-04
3376	491863.09	3848377.25	0.00241	0.00298	0.00255	3.59E-05	2.10E-07	6.63E-05	0.000102	3.67E-05	2.07E-07	7.38E-05	0.000111	3.48E-05	2.63E-07	1.42E-04	1.77E-04
3377	492363.09	3848377.25	0.0024	0.00301	0.00258	3.57E-05	2.13E-07	6.71E-05	0.000103	3.65E-05	2.09E-07	7.47E-05	0.000111	3.47E-05	2.66E-07	1.43E-04	1.78E-04
3378	492863.09	3848377.25	0.00238	0.0031	0.00257	3.54E-05	2.19E-07	6.69E-05	0.000103	3.62E-05	2.15E-07	7.44E-05	0.000111	3.44E-05	2.74E-07	1.43E-04	1.77E-04
3379	493363.09	3848377.25	0.00245	0.00333	0.00267	3.65E-05	2.35E-07	6.95E-05	0.000106	3.73E-05	2.31E-07	7.73E-05	0.000115	3.54E-05	2.94E-07	1.48E-04	1.84E-04
3380	493863.09	3848377.25	0.00255	0.00357	0.00278	3.80E-05	2.52E-07	7.23E-05	0.000111	3.88E-05	2.48E-07	8.04E-05	0.000119	3.68E-05	3.15E-07	1.54E-04	1.92E-04

3381	494363.09	3848377.25	0.00264	0.00373	0.00287	3.93E-05	2.63E-07	7.47E-05	0.000114	4.02E-05	2.59E-07	8.31E-05	0.000123	3.81E-05	3.29E-07	1.59E-04	1.98E-04
3382	494863.09	3848377.25	0.00281	0.00395	0.00306	4.18E-05	2.79E-07	7.96E-05	0.000122	4.27E-05	2.75E-07	8.85E-05	0.000132	4.06E-05	3.49E-07	1.70E-04	2.11E-04
3383	495363.09	3848377.25	0.0028	0.00393	0.00306	4.17E-05	2.77E-07	7.96E-05	0.000122	4.26E-05	2.73E-07	8.85E-05	0.000131	4.05E-05	3.47E-07	1.70E-04	2.11E-04
3384	495863.09	3848377.25	0.00292	0.00411	0.00319	4.35E-05	2.90E-07	8.30E-05	0.000127	4.44E-05	2.86E-07	9.23E-05	0.000137	4.22E-05	3.63E-07	1.77E-04	2.20E-04
3385	496363.09	3848377.25	0.00323	0.0045	0.00351	4.81E-05	3.18E-07	9.13E-05	0.00014	4.91E-05	3.13E-07	1.02E-04	0.000151	4.67E-05	3.97E-07	1.95E-04	2.42E-04
3386	496863.09	3848377.25	0.00332	0.0046	0.0036	4.94E-05	3.25E-07	9.37E-05	0.000143	5.05E-05	3.20E-07	1.04E-04	0.000155	4.80E-05	4.06E-07	2.00E-04	2.48E-04
3387	497363.09	3848377.25	0.00378	0.00518	0.00408	5.63E-05	3.66E-07	1.06E-04	0.000163	5.75E-05	3.60E-07	1.18E-04	0.000176	5.46E-05	4.57E-07	2.27E-04	2.82E-04
3388	497863.09	3848377.25	0.00499	0.00671	0.00532	7.43E-05	4.74E-07	1.38E-04	0.000213	7.59E-05	4.66E-07	1.54E-04	0.00023	7.21E-05	5.92E-07	2.96E-04	3.68E-04
3389	498363.09	3848377.25	0.00528	0.00703	0.00562	7.86E-05	4.96E-07	1.46E-04	0.000225	8.03E-05	4.89E-07	1.63E-04	0.000243	7.63E-05	6.20E-07	3.12E-04	3.89E-04
3390	471363.09	3848877.25	0.00689	0.0069	0.00679	1.03E-04	4.87E-07	1.77E-04	0.00028	1.05E-04	4.80E-07	1.96E-04	0.000302	9.96E-05	6.09E-07	3.77E-04	4.77E-04
3391	471863.09	3848877.25	0.00734	0.00752	0.00728	1.09E-04	5.31E-07	1.89E-04	0.000299	1.12E-04	5.23E-07	2.11E-04	0.000323	1.06E-04	6.64E-07	4.05E-04	5.11E-04
3392	472363.09	3848877.25	0.00765	0.00834	0.00762	1.14E-04	5.89E-07	1.98E-04	0.000313	1.16E-04	5.80E-07	2.21E-04	0.000337	1.11E-04	7.36E-07	4.23E-04	5.35E-04
3393	472863.09	3848877.25	0.00786	0.00884	0.00783	1.17E-04	6.24E-07	2.04E-04	0.000321	1.20E-04	6.14E-07	2.27E-04	0.000347	1.14E-04	7.80E-07	4.35E-04	5.49E-04
3394	473363.09	3848877.25	0.00809	0.00896	0.00801	1.20E-04	6.33E-07	2.08E-04	0.000329	1.23E-04	6.23E-07	2.32E-04	0.000355	1.17E-04	7.91E-07	4.45E-04	5.63E-04
3395	473863.09	3848877.25	0.0082	0.009	0.00804	1.22E-04	6.35E-07	2.09E-04	0.000332	1.25E-04	6.26E-07	2.33E-04	0.000358	1.18E-04	7.94E-07	4.47E-04	5.66E-04
3396	474363.09	3848877.25	0.00838	0.00911	0.00809	1.25E-04	6.43E-07	2.10E-04	0.000336	1.27E-04	6.33E-07	2.34E-04	0.000362	1.21E-04	8.04E-07	4.50E-04	5.71E-04
3397	474863.09	3848877.25	0.00791	0.00849	0.00764	1.18E-04	5.99E-07	1.99E-04	0.000317	1.20E-04	5.90E-07	2.21E-04	0.000342	1.14E-04	7.49E-07	4.25E-04	5.40E-04
3398	475363.09	3848877.25	0.00753	0.00807	0.00726	1.12E-04	5.70E-07	1.89E-04	0.000302	1.15E-04	5.61E-07	2.10E-04	0.000325	1.09E-04	7.12E-07	4.03E-04	5.13E-04
3399	475863.09	3848877.25	0.00746	0.00804	0.00715	1.11E-04	5.68E-07	1.86E-04	0.000298	1.13E-04	5.59E-07	2.07E-04	0.000321	1.08E-04	7.09E-07	3.97E-04	5.06E-04
3400	476363.09	3848877.25	0.00672	0.00706	0.00643	1.00E-04	4.98E-07	1.67E-04	0.000268	1.02E-04	4.91E-07	1.86E-04	0.000289	9.71E-05	6.23E-07	3.57E-04	4.55E-04
3401	476863.09	3848877.25	0.00677	0.00689	0.00649	1.01E-04	4.86E-07	1.69E-04	0.00027	1.03E-04	4.79E-07	1.88E-04	0.000291	9.78E-05	6.08E-07	3.61E-04	4.59E-04
3402	477363.09	3848877.25	0.01014	0.01085	0.00985	1.51E-04	7.66E-07	2.56E-04	0.000408	1.54E-04	7.54E-07	2.85E-04	0.00044	1.47E-04	9.57E-07	5.47E-04	6.95E-04
3403	477863.09	3848877.25	0.01133	0.01232	0.01123	1.69E-04	8.70E-07	2.92E-04	0.000462	1.72E-04	8.56E-07	3.25E-04	0.000498	1.64E-04	1.09E-06	6.24E-04	7.89E-04
3404	478363.09	3848877.25	0.01117	0.01215	0.01109	1.66E-04	8.58E-07	2.89E-04	0.000456	1.70E-04	8.44E-07	3.21E-04	0.000492	1.61E-04	1.07E-06	6.16E-04	7.79E-04
3405	478863.09	3848877.25	0.00907	0.00876	0.00885	1.35E-04	6.19E-07	2.30E-04	0.000366	1.38E-04	6.09E-07	2.56E-04	0.000395	1.31E-04	7.73E-07	4.92E-04	6.24E-04
3406	479363.09	3848877.25	0.00684	0.00731	0.00664	1.02E-04	5.16E-07	1.73E-04	0.000275	1.04E-04	5.08E-07	1.92E-04	0.000297	9.88E-05	6.45E-07	3.69E-04	4.68E-04
3407	479863.09	3848877.25	0.00512	0.00494	0.00494	7.62E-05	3.49E-07	1.29E-04	0.000205	7.79E-05	3.43E-07	1.43E-04	0.000221	7.40E-05	4.36E-07	2.74E-04	3.49E-04
3408	480363.09	3848877.25	0.00526	0.00531	0.00499	7.83E-05	3.75E-07	1.30E-04	0.000208	8.00E-05	3.69E-07	1.44E-04	0.000225	7.60E-05	4.69E-07	2.77E-04	3.54E-04
3409	480863.09	3848877.25	0.00522	0.0053	0.00492	7.77E-05	3.74E-07	1.28E-04	0.000206	7.94E-05	3.68E-07	1.42E-04	0.000222	7.54E-05	4.68E-07	2.73E-04	3.49E-04
3410	481363.09	3848877.25	0.00479	0.00442	0.00456	7.13E-05	3.12E-07	1.19E-04	0.00019	7.28E-05	3.07E-07	1.32E-04	0.000205	6.92E-05	3.90E-07	2.53E-04	3.23E-04
3411	481863.09	3848877.25	0.00413	0.00425	0.00391	6.15E-05	3.00E-07	1.02E-04	0.000163	6.28E-05	2.95E-07	1.13E-04	0.000176	5.97E-05	3.75E-07	2.17E-04	2.77E-04
3412	482363.09	3848877.25	0.0035	0.00359	0.00334	5.21E-05	2.53E-07	8.69E-05	0.000139	5.32E-05	2.50E-07	9.67E-05	0.00015	5.06E-05	3.17E-07	1.86E-04	2.36E-04
3413	482863.09	3848877.25	0.00303	0.00322	0.00288	4.51E-05	2.27E-07	7.49E-05	0.00012	4.61E-05	2.24E-07	8.33E-05	0.00013	4.38E-05	2.84E-07	1.60E-04	2.04E-04
3414	483363.09	3848877.25	0.00271	0.00266	0.0026	4.03E-05	1.88E-07	6.76E-05	0.000108	4.12E-05	1.85E-07	7.52E-05	0.000117	3.92E-05	2.35E-07	1.44E-04	1.84E-04
3415	483863.09	3848877.25	0.00264	0.00266	0.00253	3.93E-05	1.88E-07	6.58E-05	0.000105	4.02E-05	1.85E-07	7.32E-05	0.000114	3.81E-05	2.35E-07	1.41E-04	1.79E-04
3416	484363.09	3848877.25	0.00297	0.0029	0.00279	4.42E-05	2.05E-07	7.26E-05	0.000117	4.52E-05	2.02E-07	8.07E-05	0.000126	4.29E-05	2.56E-07	1.55E-04	1.98E-04
3417	484863.09	3848877.25	0.00328	0.00293	0.00308	4.88E-05	2.07E-07	8.01E-05	0.000129	4.99E-05	2.04E-07	8.91E-05	0.000139	4.74E-05	2.59E-07	1.71E-04	2.19E-04
3418	485363.09	3848877.25	0.00315	0.00321	0.00293	4.69E-05	2.27E-07	7.62E-05	0.000123	4.79E-05	2.23E-07	8.48E-05	0.000133	4.55E-05	2.83E-07	1.63E-04	2.09E-04
3419	485863.09	3848877.25	0.00301	0.00323	0.00283	4.48E-05	2.28E-07	7.36E-05	0.000119	4.58E-05	2.24E-07	8.19E-05	0.000128	4.35E-05	2.85E-07	1.57E-04	2.01E-04
3420	486363.09	3848877.25	0.00275	0.00265	0.00262	4.09E-05	1.87E-07	6.82E-05	0.000109	4.18E-05	1.84E-07	7.58E-05	0.000118	3.97E-05	2.34E-07	1.46E-04	1.86E-04
3421	486863.09	3848877.25	0.00252	0.00256	0.00242	3.75E-05	1.81E-07	6.30E-05	0.000101	3.83E-05	1.78E-07	7.00E-05	0.000109	3.64E-05	2.26E-07	1.34E-04	1.71E-04
3422	487363.09	3848877.25	0.00251	0.00261	0.00246	3.74E-05	1.84E-07	6.40E-05	0.000102	3.82E-05	1.81E-07	7.12E-05	0.00011	3.63E-05	2.30E-07	1.37E-04	1.73E-04
3423	487863.09	3848877.25	0.00246	0.00261	0.00246	3.66E-05	1.84E-07	6.40E-05	0.000101	3.74E-05	1.81E-07	7.12E-05	0.000109	3.55E-05	2.30E-07	1.37E-04	1.72E-04
3424	488363.09	3848877.25	0.0025	0.00291	0.0025	3.72E-05	2.05E-07	6.50E-05	0.000102	3.80E-05	2.02E-07	7.23E-05	0.000111	3.61E-05	2.57E-07	1.39E-04	1.75E-04
3425	488863.09	3848877.25	0.00252	0.00319	0.00255	3.75E-05	2.25E-07	6.63E-05	0.000104	3.83E-05	2.22E-07	7.38E-05	0.000112	3.64E-05	2.81E-07	1.42E-04	1.78E-04
3426	489363.09	3848877.25	0.00263	0.0034	0.00267	3.91E-05	2.40E-07	6.95E-05	0.000109	4.00E-05	2.36E-07	7.73E-05	0.000117	3.80E-05	3.00E-07	1.48E-04	1.87E-04
3427	489863.09	3848877.25	0.00276	0.00349	0.00281	4.11E-05	2.46E-07	7.31E-05	0.000114	4.20E-05	2.43E-07	8.13E-05	0.000124	3.99E-05	3.08E-07	1.56E-04	1.96E-04

3428	490363.09	3848877.25	0.00274	0.00337	0.00282	4.08E-05	2.38E-07	7.34E-05	0.000114	4.17E-05	2.34E-07	8.16E-05	0.000124	3.96E-05	2.97E-07	1.57E-04	1.97E-04
3429	490863.09	3848877.25	0.00272	0.00334	0.00284	4.05E-05	2.36E-07	7.39E-05	0.000115	4.14E-05	2.32E-07	8.22E-05	0.000124	3.93E-05	2.95E-07	1.58E-04	1.97E-04
3430	491363.09	3848877.25	0.00279	0.00349	0.00295	4.15E-05	2.46E-07	7.67E-05	0.000119	4.24E-05	2.43E-07	8.54E-05	0.000128	4.03E-05	3.08E-07	1.64E-04	2.05E-04
3431	491863.09	3848877.25	0.00276	0.00352	0.00296	4.11E-05	2.49E-07	7.70E-05	0.000118	4.20E-05	2.45E-07	8.57E-05	0.000128	3.99E-05	3.11E-07	1.64E-04	2.05E-04
3432	492363.09	3848877.25	0.00274	0.00367	0.00296	4.08E-05	2.59E-07	7.70E-05	0.000118	4.17E-05	2.55E-07	8.57E-05	0.000128	3.96E-05	3.24E-07	1.64E-04	2.04E-04
3433	492863.09	3848877.25	0.00268	0.00371	0.00292	3.99E-05	2.62E-07	7.60E-05	0.000116	4.08E-05	2.58E-07	8.45E-05	0.000126	3.87E-05	3.27E-07	1.62E-04	2.01E-04
3434	493363.09	3848877.25	0.00263	0.00375	0.00289	3.91E-05	2.65E-07	7.52E-05	0.000115	4.00E-05	2.61E-07	8.36E-05	0.000124	3.80E-05	3.31E-07	1.61E-04	1.99E-04
3435	493863.09	3848877.25	0.00282	0.00408	0.00309	4.20E-05	2.88E-07	8.04E-05	0.000123	4.29E-05	2.84E-07	8.94E-05	0.000133	4.07E-05	3.60E-07	1.72E-04	2.13E-04
3436	494363.09	3848877.25	0.00296	0.00426	0.00325	4.41E-05	3.01E-07	8.46E-05	0.000129	4.50E-05	2.96E-07	9.40E-05	0.000139	4.28E-05	3.76E-07	1.81E-04	2.24E-04
3437	494863.09	3848877.25	0.00321	0.00459	0.00351	4.78E-05	3.24E-07	9.13E-05	0.000139	4.88E-05	3.19E-07	1.02E-04	0.000151	4.64E-05	4.05E-07	1.95E-04	2.42E-04
3438	495363.09	3848877.25	0.00342	0.00486	0.00372	5.09E-05	3.43E-07	9.68E-05	0.000148	5.20E-05	3.38E-07	1.08E-04	0.00016	4.94E-05	4.29E-07	2.07E-04	2.57E-04
3439	495863.09	3848877.25	0.00335	0.00475	0.00366	4.99E-05	3.35E-07	9.52E-05	0.000145	5.09E-05	3.30E-07	1.06E-04	0.000157	4.84E-05	4.19E-07	2.03E-04	2.52E-04
3440	496363.09	3848877.25	0.00355	0.005	0.00386	5.28E-05	3.53E-07	1.00E-04	0.000154	5.40E-05	3.48E-07	1.12E-04	0.000166	5.13E-05	4.41E-07	2.14E-04	2.66E-04
3441	496863.09	3848877.25	0.00404	0.00563	0.00436	6.01E-05	3.98E-07	1.13E-04	0.000174	6.14E-05	3.91E-07	1.26E-04	0.000188	5.84E-05	4.97E-07	2.42E-04	3.01E-04
3442	497363.09	3848877.25	0.00509	0.00694	0.00544	7.58E-05	4.90E-07	1.42E-04	0.000218	7.74E-05	4.82E-07	1.57E-04	0.000235	7.36E-05	6.12E-07	3.02E-04	3.76E-04
3443	497863.09	3848877.25	0.0057	0.00765	0.00607	8.48E-05	5.40E-07	1.58E-04	0.000243	8.67E-05	5.32E-07	1.76E-04	0.000263	8.24E-05	6.75E-07	3.37E-04	4.20E-04
3444	498363.09	3848877.25	0.00624	0.00829	0.00663	9.29E-05	5.85E-07	1.72E-04	0.000266	9.49E-05	5.76E-07	1.92E-04	0.000287	9.02E-05	7.31E-07	3.68E-04	4.59E-04
3445	471363.09	3849377.25	0.00651	0.0067	0.00637	9.69E-05	4.73E-07	1.66E-04	0.000263	9.90E-05	4.66E-07	1.84E-04	0.000284	9.41E-05	5.91E-07	3.54E-04	4.49E-04
3446	471863.09	3849377.25	0.00731	0.0075	0.00715	1.09E-04	5.30E-07	1.86E-04	0.000295	1.11E-04	5.21E-07	2.07E-04	0.000319	1.06E-04	6.62E-07	3.97E-04	5.04E-04
3447	472363.09	3849377.25	0.00787	0.00796	0.00774	1.17E-04	5.62E-07	2.01E-04	0.000319	1.20E-04	5.53E-07	2.24E-04	0.000344	1.14E-04	7.02E-07	4.30E-04	5.45E-04
3448	472863.09	3849377.25	0.00834	0.00866	0.00826	1.24E-04	6.11E-07	2.15E-04	0.00034	1.27E-04	6.02E-07	2.39E-04	0.000366	1.21E-04	7.64E-07	4.59E-04	5.80E-04
3449	473363.09	3849377.25	0.00869	0.0096	0.00865	1.29E-04	6.78E-07	2.25E-04	0.000355	1.32E-04	6.67E-07	2.50E-04	0.000383	1.26E-04	8.47E-07	4.81E-04	6.07E-04
3450	473863.09	3849377.25	0.00897	0.01014	0.00891	1.34E-04	7.16E-07	2.32E-04	0.000366	1.36E-04	7.05E-07	2.58E-04	0.000395	1.30E-04	8.95E-07	4.95E-04	6.26E-04
3451	474363.09	3849377.25	0.00918	0.01024	0.00906	1.37E-04	7.23E-07	2.36E-04	0.000373	1.40E-04	7.12E-07	2.62E-04	0.000403	1.33E-04	9.04E-07	5.03E-04	6.37E-04
3452	474863.09	3849377.25	0.0094	0.01038	0.00914	1.40E-04	7.33E-07	2.38E-04	0.000378	1.43E-04	7.21E-07	2.64E-04	0.000408	1.36E-04	9.16E-07	5.08E-04	6.45E-04
3453	475363.09	3849377.25	0.00943	0.01029	0.00906	1.40E-04	7.27E-07	2.36E-04	0.000377	1.43E-04	7.15E-07	2.62E-04	0.000406	1.36E-04	9.08E-07	5.03E-04	6.41E-04
3454	475863.09	3849377.25	0.00953	0.01027	0.00902	1.42E-04	7.25E-07	2.35E-04	0.000377	1.45E-04	7.14E-07	2.61E-04	0.000407	1.38E-04	9.06E-07	5.01E-04	6.40E-04
3455	476363.09	3849377.25	0.00932	0.01005	0.00877	1.39E-04	7.10E-07	2.28E-04	0.000368	1.42E-04	6.99E-07	2.54E-04	0.000396	1.35E-04	8.87E-07	4.87E-04	6.23E-04
3456	476863.09	3849377.25	0.00865	0.00922	0.00816	1.29E-04	6.51E-07	2.12E-04	0.000342	1.32E-04	6.41E-07	2.36E-04	0.000368	1.25E-04	8.14E-07	4.53E-04	5.79E-04
3457	477363.09	3849377.25	0.00887	0.00914	0.0084	1.32E-04	6.45E-07	2.19E-04	0.000351	1.35E-04	6.35E-07	2.43E-04	0.000379	1.28E-04	8.06E-07	4.67E-04	5.96E-04
3458	477863.09	3849377.25	0.01101	0.01182	0.0107	1.64E-04	8.35E-07	2.78E-04	0.000443	1.67E-04	8.22E-07	3.10E-04	0.000478	1.59E-04	1.04E-06	5.95E-04	7.55E-04
3459	478363.09	3849377.25	0.01318	0.01458	0.01308	1.96E-04	1.03E-06	3.40E-04	0.000537	2.00E-04	1.01E-06	3.79E-04	0.00058	1.90E-04	1.29E-06	7.27E-04	9.19E-04
3460	478863.09	3849377.25	0.01192	0.01288	0.0118	1.77E-04	9.09E-07	3.07E-04	0.000485	1.81E-04	8.95E-07	3.41E-04	0.000524	1.72E-04	1.14E-06	6.56E-04	8.29E-04
3461	479363.09	3849377.25	0.01003	0.00977	0.00979	1.49E-04	6.90E-07	2.55E-04	0.000405	1.53E-04	6.79E-07	2.83E-04	0.000437	1.45E-04	8.62E-07	5.44E-04	6.90E-04
3462	479863.09	3849377.25	0.00731	0.00767	0.00704	1.09E-04	5.42E-07	1.83E-04	0.000293	1.11E-04	5.33E-07	2.04E-04	0.000315	1.06E-04	6.77E-07	3.91E-04	4.97E-04
3463	480363.09	3849377.25	0.00793	0.0077	0.0075	1.18E-04	5.44E-07	1.95E-04	0.000314	1.21E-04	5.35E-07	2.17E-04	0.000338	1.15E-04	6.79E-07	4.17E-04	5.32E-04
3464	480863.09	3849377.25	0.00714	0.00752	0.00663	1.06E-04	5.31E-07	1.72E-04	0.000279	1.09E-04	5.23E-07	1.92E-04	0.000301	1.03E-04	6.64E-07	3.68E-04	4.72E-04
3465	481363.09	3849377.25	0.00562	0.00526	0.00534	8.37E-05	3.71E-07	1.39E-04	0.000223	8.55E-05	3.66E-07	1.55E-04	0.00024	8.12E-05	4.64E-07	2.97E-04	3.78E-04
3466	481863.09	3849377.25	0.00404	0.00415	0.00387	6.01E-05	2.93E-07	1.01E-04	0.000161	6.14E-05	2.88E-07	1.12E-04	0.000174	5.84E-05	3.66E-07	2.15E-04	2.74E-04
3467	482363.09	3849377.25	0.00363	0.00376	0.00349	5.40E-05	2.65E-07	9.08E-05	0.000145	5.52E-05	2.61E-07	1.01E-04	0.000156	5.25E-05	3.32E-07	1.94E-04	2.47E-04
3468	482863.09	3849377.25	0.00308	0.00338	0.00297	4.58E-05	2.39E-07	7.73E-05	0.000123	4.68E-05	2.35E-07	8.59E-05	0.000133	4.45E-05	2.98E-07	1.65E-04	2.10E-04
3469	483363.09	3849377.25	0.00284	0.00288	0.00276	4.23E-05	2.03E-07	7.18E-05	0.000114	4.32E-05	2.00E-07	7.99E-05	0.000123	4.10E-05	2.54E-07	1.53E-04	1.95E-04
3470	483863.09	3849377.25	0.00249	0.00255	0.00242	3.71E-05	1.80E-07	6.30E-05	0.0001	3.79E-05	1.77E-07	7.00E-05	0.000108	3.60E-05	2.25E-07	1.34E-04	1.71E-04
3471	484363.09	3849377.25	0.00327	0.0032	0.00309	4.87E-05	2.26E-07	8.04E-05	0.000129	4.97E-05	2.22E-07	8.94E-05	0.000139	4.73E-05	2.82E-07	1.72E-04	2.19E-04
3472	484863.09	3849377.25	0.00384	0.00348	0.0036	5.72E-05	2.46E-07	9.37E-05	0.000151	5.84E-05	2.42E-07	1.04E-04	0.000163	5.55E-05	3.07E-07	2.00E-04	2.56E-04
3473	485363.09	3849377.25	0.00373	0.00383	0.00347	5.55E-05	2.70E-07	9.03E-05	0.000146	5.67E-05	2.66E-07	1.00E-04	0.000157	5.39E-05	3.38E-07	1.93E-04	2.47E-04
3474	485863.09	3849377.25	0.00294	0.00315	0.00279	4.38E-05	2.22E-07	7.26E-05	0.000117	4.47E-05	2.19E-07	8.07E-05	0.000126	4.25E-05	2.78E-07	1.55E-04	1.98E-04

3475	486363.09	3849377.25	0.00252	0.00248	0.00245	3.75E-05	1.75E-07	6.37E-05	0.000101	3.83E-05	1.72E-07	7.09E-05	0.000109	3.64E-05	2.19E-07	1.36E-04	1.73E-04
3476	486863.09	3849377.25	0.00289	0.003	0.0028	4.30E-05	2.12E-07	7.28E-05	0.000116	4.40E-05	2.09E-07	8.10E-05	0.000125	4.18E-05	2.65E-07	1.56E-04	1.98E-04
3477	487363.09	3849377.25	0.00299	0.00315	0.00295	4.45E-05	2.22E-07	7.67E-05	0.000121	4.55E-05	2.19E-07	8.54E-05	0.000131	4.32E-05	2.78E-07	1.64E-04	2.07E-04
3478	487863.09	3849377.25	0.00297	0.0034	0.00295	4.42E-05	2.40E-07	7.67E-05	0.000121	4.52E-05	2.36E-07	8.54E-05	0.000131	4.29E-05	3.00E-07	1.64E-04	2.07E-04
3479	488363.09	3849377.25	0.00302	0.00369	0.003	4.50E-05	2.61E-07	7.80E-05	0.000123	4.59E-05	2.56E-07	8.68E-05	0.000133	4.36E-05	3.26E-07	1.67E-04	2.11E-04
3480	488863.09	3849377.25	0.00313	0.00393	0.00312	4.66E-05	2.77E-07	8.12E-05	0.000128	4.76E-05	2.73E-07	9.03E-05	0.000138	4.52E-05	3.47E-07	1.73E-04	2.19E-04
3481	489363.09	3849377.25	0.00323	0.00408	0.00326	4.81E-05	2.88E-07	8.48E-05	0.000133	4.91E-05	2.84E-07	9.43E-05	0.000144	4.67E-05	3.60E-07	1.81E-04	2.28E-04
3482	489863.09	3849377.25	0.0033	0.00413	0.00336	4.91E-05	2.92E-07	8.74E-05	0.000137	5.02E-05	2.87E-07	9.72E-05	0.000148	4.77E-05	3.64E-07	1.87E-04	2.35E-04
3483	490363.09	3849377.25	0.00326	0.00399	0.00339	4.85E-05	2.82E-07	8.82E-05	0.000137	4.96E-05	2.77E-07	9.81E-05	0.000148	4.71E-05	3.52E-07	1.88E-04	2.36E-04
3484	490863.09	3849377.25	0.00329	0.00413	0.00346	4.90E-05	2.92E-07	9.00E-05	0.000139	5.00E-05	2.87E-07	1.00E-04	0.00015	4.75E-05	3.64E-07	1.92E-04	2.40E-04
3485	491363.09	3849377.25	0.00338	0.00438	0.0036	5.03E-05	3.09E-07	9.37E-05	0.000144	5.14E-05	3.04E-07	1.04E-04	0.000156	4.88E-05	3.86E-07	2.00E-04	2.49E-04
3486	491863.09	3849377.25	0.00336	0.00456	0.00361	5.00E-05	3.22E-07	9.39E-05	0.000144	5.11E-05	3.17E-07	1.04E-04	0.000156	4.86E-05	4.02E-07	2.01E-04	2.50E-04
3487	492363.09	3849377.25	0.00335	0.00472	0.00363	4.99E-05	3.33E-07	9.44E-05	0.000145	5.09E-05	3.28E-07	1.05E-04	0.000156	4.84E-05	4.16E-07	2.02E-04	2.51E-04
3488	492863.09	3849377.25	0.00318	0.00462	0.00348	4.73E-05	3.26E-07	9.05E-05	0.000138	4.84E-05	3.21E-07	1.01E-04	0.000149	4.60E-05	4.08E-07	1.93E-04	2.40E-04
3489	493363.09	3849377.25	0.00325	0.00479	0.00355	4.84E-05	3.38E-07	9.24E-05	0.000141	4.94E-05	3.33E-07	1.03E-04	0.000152	4.70E-05	4.23E-07	1.97E-04	2.45E-04
3490	493863.09	3849377.25	0.00338	0.00496	0.0037	5.03E-05	3.50E-07	9.63E-05	0.000147	5.14E-05	3.45E-07	1.07E-04	0.000159	4.88E-05	4.38E-07	2.06E-04	2.55E-04
3491	494363.09	3849377.25	0.00364	0.00529	0.00398	5.42E-05	3.74E-07	1.04E-04	0.000158	5.54E-05	3.68E-07	1.15E-04	0.000171	5.26E-05	4.67E-07	2.21E-04	2.74E-04
3492	494863.09	3849377.25	0.00424	0.00608	0.0046	6.31E-05	4.29E-07	1.20E-04	0.000183	6.45E-05	4.23E-07	1.33E-04	0.000198	6.13E-05	5.36E-07	2.56E-04	3.17E-04
3493	495363.09	3849377.25	0.0046	0.00654	0.00496	6.85E-05	4.62E-07	1.29E-04	0.000198	7.00E-05	4.55E-07	1.44E-04	0.000214	6.65E-05	5.77E-07	2.76E-04	3.43E-04
3494	495863.09	3849377.25	0.00397	0.00566	0.00431	5.91E-05	4.00E-07	1.12E-04	0.000172	6.04E-05	3.93E-07	1.25E-04	0.000185	5.74E-05	4.99E-07	2.39E-04	2.97E-04
3495	496363.09	3849377.25	0.00403	0.00565	0.00437	6.00E-05	3.99E-07	1.14E-04	0.000174	6.13E-05	3.93E-07	1.26E-04	0.000188	5.82E-05	4.99E-07	2.43E-04	3.02E-04
3496	496863.09	3849377.25	0.00529	0.00725	0.00567	7.87E-05	5.12E-07	1.48E-04	0.000227	8.05E-05	5.04E-07	1.64E-04	0.000245	7.64E-05	6.40E-07	3.15E-04	3.92E-04
3497	497363.09	3849377.25	0.00587	0.00793	0.00628	8.74E-05	5.60E-07	1.63E-04	0.000251	8.93E-05	5.51E-07	1.82E-04	0.000272	8.48E-05	7.00E-07	3.49E-04	4.34E-04
3498	497863.09	3849377.25	0.00751	0.00997	0.00796	1.12E-04	7.04E-07	2.07E-04	0.00032	1.14E-04	6.93E-07	2.30E-04	0.000345	1.09E-04	8.80E-07	4.42E-04	5.52E-04
3499	498363.09	3849377.25	0.00746	0.00977	0.00791	1.11E-04	6.90E-07	2.06E-04	0.000318	1.13E-04	6.79E-07	2.29E-04	0.000343	1.08E-04	8.62E-07	4.40E-04	5.48E-04
3500	471363.09	3849877.25	0.00545	0.00562	0.00544	8.11E-05	3.97E-07	1.42E-04	0.000223	8.29E-05	3.91E-07	1.57E-04	0.000241	7.88E-05	4.96E-07	3.02E-04	3.82E-04
3501	471863.09	3849877.25	0.00656	0.00664	0.00645	9.76E-05	4.69E-07	1.68E-04	0.000266	9.98E-05	4.61E-07	1.87E-04	0.000287	9.48E-05	5.86E-07	3.58E-04	4.54E-04
3502	472363.09	3849877.25	0.00762	0.00783	0.00742	1.13E-04	5.53E-07	1.93E-04	0.000307	1.16E-04	5.44E-07	2.15E-04	0.000331	1.10E-04	6.91E-07	4.12E-04	5.23E-04
3503	472863.09	3849877.25	0.00842	0.00866	0.0082	1.25E-04	6.11E-07	2.13E-04	0.000339	1.28E-04	6.02E-07	2.37E-04	0.000366	1.22E-04	7.64E-07	4.56E-04	5.78E-04
3504	473363.09	3849877.25	0.00897	0.00916	0.00881	1.34E-04	6.47E-07	2.29E-04	0.000363	1.36E-04	6.37E-07	2.55E-04	0.000392	1.30E-04	8.08E-07	4.90E-04	6.20E-04
3505	473863.09	3849877.25	0.00954	0.01005	0.00943	1.42E-04	7.10E-07	2.45E-04	0.000388	1.45E-04	6.99E-07	2.73E-04	0.000419	1.38E-04	8.87E-07	5.24E-04	6.63E-04
3506	474363.09	3849877.25	0.01001	0.01121	0.00994	1.49E-04	7.92E-07	2.59E-04	0.000408	1.52E-04	7.79E-07	2.88E-04	0.000441	1.45E-04	9.89E-07	5.52E-04	6.98E-04
3507	474863.09	3849877.25	0.01033	0.01176	0.01023	1.54E-04	8.30E-07	2.66E-04	0.000421	1.57E-04	8.17E-07	2.96E-04	0.000454	1.49E-04	1.04E-06	5.68E-04	7.19E-04
3508	475363.09	3849877.25	0.01049	0.01181	0.01032	1.56E-04	8.34E-07	2.68E-04	0.000425	1.60E-04	8.21E-07	2.99E-04	0.000459	1.52E-04	1.04E-06	5.73E-04	7.26E-04
3509	475863.09	3849877.25	0.01072	0.01192	0.01037	1.60E-04	8.42E-07	2.70E-04	0.00043	1.63E-04	8.28E-07	3.00E-04	0.000464	1.55E-04	1.05E-06	5.76E-04	7.32E-04
3510	476363.09	3849877.25	0.01087	0.01189	0.01033	1.62E-04	8.40E-07	2.69E-04	0.000431	1.65E-04	8.26E-07	2.99E-04	0.000465	1.57E-04	1.05E-06	5.74E-04	7.32E-04
3511	476863.09	3849877.25	0.01093	0.01182	0.0102	1.63E-04	8.35E-07	2.65E-04	0.000429	1.66E-04	8.22E-07	2.95E-04	0.000462	1.58E-04	1.04E-06	5.67E-04	7.26E-04
3512	477363.09	3849877.25	0.01064	0.01134	0.00981	1.58E-04	8.01E-07	2.55E-04	0.000414	1.62E-04	7.88E-07	2.84E-04	0.000446	1.54E-04	1.00E-06	5.45E-04	7.00E-04
3513	477863.09	3849877.25	0.01083	0.01121	0.01009	1.61E-04	7.92E-07	2.63E-04	0.000424	1.65E-04	7.79E-07	2.92E-04	0.000457	1.56E-04	9.89E-07	5.61E-04	7.18E-04
3514	478363.09	3849877.25	0.01316	0.01435	0.01275	1.96E-04	1.01E-06	3.32E-04	0.000529	2.00E-04	9.97E-07	3.69E-04	0.00057	1.90E-04	1.27E-06	7.08E-04	9.00E-04
3515	478863.09	3849877.25	0.01587	0.01806	0.01577	2.36E-04	1.28E-06	4.10E-04	0.000648	2.41E-04	1.26E-06	4.56E-04	0.000699	2.29E-04	1.59E-06	8.76E-04	1.11E-03
3516	479363.09	3849877.25	0.0144	0.01568	0.01422	2.14E-04	1.11E-06	3.70E-04	0.000585	2.19E-04	1.09E-06	4.11E-04	0.000632	2.08E-04	1.38E-06	7.90E-04	1.00E-03
3517	479863.09	3849877.25	0.01292	0.0132	0.01258	1.92E-04	9.32E-07	3.27E-04	0.000521	1.96E-04	9.17E-07	3.64E-04	0.000561	1.87E-04	1.16E-06	6.99E-04	8.87E-04
3518	480363.09	3849877.25	0.00992	0.01022	0.00951	1.48E-04	7.22E-07	2.47E-04	0.000396	1.51E-04	7.10E-07	2.75E-04	0.000427	1.43E-04	9.02E-07	5.28E-04	6.73E-04
3519	480863.09	3849877.25	0.00807	0.00807	0.00762	1.20E-04	5.70E-07	1.98E-04	0.000319	1.23E-04	5.61E-07	2.21E-04	0.000344	1.17E-04	7.12E-07	4.23E-04	5.41E-04
3520	481363.09	3849877.25	0.00689	0.00703	0.00644	1.03E-04	4.96E-07	1.68E-04	0.000271	1.05E-04	4.89E-07	1.86E-04	0.000292	9.96E-05	6.20E-07	3.58E-04	4.58E-04
3521	481863.09	3849877.25	0.0044	0.0044	0.00425	6.55E-05	3.11E-07	1.11E-04	0.000176	6.69E-05	3.06E-07	1.23E-04	0.00019	6.36E-05	3.88E-07	2.36E-04	3.00E-04

3522	482363.09	3849877.25	0.00375	0.00399	0.00363	5.58E-05	2.82E-07	9.44E-05	0.000151	5.70E-05	2.77E-07	1.05E-04	0.000162	5.42E-05	3.52E-07	2.02E-04	2.56E-04
3523	482863.09	3849877.25	0.00333	0.00369	0.00322	4.96E-05	2.61E-07	8.38E-05	0.000134	5.06E-05	2.56E-07	9.32E-05	0.000144	4.81E-05	3.26E-07	1.79E-04	2.27E-04
3524	483363.09	3849877.25	0.00296	0.00314	0.00288	4.41E-05	2.22E-07	7.49E-05	0.000119	4.50E-05	2.18E-07	8.33E-05	0.000129	4.28E-05	2.77E-07	1.60E-04	2.03E-04
3525	483863.09	3849877.25	0.00291	0.00298	0.00281	4.33E-05	2.10E-07	7.31E-05	0.000117	4.43E-05	2.07E-07	8.13E-05	0.000126	4.21E-05	2.63E-07	1.56E-04	1.98E-04
3526	484363.09	3849877.25	0.00365	0.00353	0.00345	5.43E-05	2.49E-07	8.98E-05	0.000144	5.55E-05	2.45E-07	9.98E-05	0.000156	5.27E-05	3.11E-07	1.92E-04	2.45E-04
3527	484863.09	3849877.25	0.00468	0.00436	0.00437	6.97E-05	3.08E-07	1.14E-04	0.000184	7.12E-05	3.03E-07	1.26E-04	0.000198	6.76E-05	3.85E-07	2.43E-04	3.11E-04
3528	485363.09	3849877.25	0.00428	0.00437	0.00398	6.37E-05	3.09E-07	1.04E-04	0.000168	6.51E-05	3.04E-07	1.15E-04	0.000181	6.18E-05	3.86E-07	2.21E-04	2.83E-04
3529	485863.09	3849877.25	0.00363	0.00379	0.00342	5.40E-05	2.68E-07	8.90E-05	0.000143	5.52E-05	2.63E-07	9.90E-05	0.000154	5.25E-05	3.34E-07	1.90E-04	2.43E-04
3530	486363.09	3849877.25	0.00337	0.00326	0.00326	5.02E-05	2.30E-07	8.48E-05	0.000135	5.13E-05	2.27E-07	9.43E-05	0.000146	4.87E-05	2.88E-07	1.81E-04	2.30E-04
3531	486863.09	3849877.25	0.00366	0.00384	0.00356	5.45E-05	2.71E-07	9.26E-05	0.000147	5.57E-05	2.67E-07	1.03E-04	0.000159	5.29E-05	3.39E-07	1.98E-04	2.51E-04
3532	487363.09	3849877.25	0.00369	0.00415	0.00361	5.49E-05	2.93E-07	9.39E-05	0.000149	5.61E-05	2.88E-07	1.04E-04	0.000161	5.33E-05	3.66E-07	2.01E-04	2.54E-04
3533	487863.09	3849877.25	0.00369	0.00455	0.00366	5.49E-05	3.21E-07	9.52E-05	0.00015	5.61E-05	3.16E-07	1.06E-04	0.000162	5.33E-05	4.01E-07	2.03E-04	2.57E-04
3534	488363.09	3849877.25	0.00379	0.00469	0.00376	5.64E-05	3.31E-07	9.78E-05	0.000155	5.76E-05	3.26E-07	1.09E-04	0.000167	5.48E-05	4.14E-07	2.09E-04	2.64E-04
3535	488863.09	3849877.25	0.00393	0.0049	0.00393	5.85E-05	3.46E-07	1.02E-04	0.000161	5.98E-05	3.41E-07	1.14E-04	0.000174	5.68E-05	4.32E-07	2.18E-04	2.76E-04
3536	489363.09	3849877.25	0.00402	0.00502	0.00407	5.98E-05	3.54E-07	1.06E-04	0.000166	6.11E-05	3.49E-07	1.18E-04	0.000179	5.81E-05	4.43E-07	2.26E-04	2.85E-04
3537	489863.09	3849877.25	0.00404	0.00499	0.00418	6.01E-05	3.52E-07	1.09E-04	0.000169	6.14E-05	3.47E-07	1.21E-04	0.000183	5.84E-05	4.40E-07	2.32E-04	2.91E-04
3538	490363.09	3849877.25	0.00405	0.00507	0.00426	6.03E-05	3.58E-07	1.11E-04	0.000171	6.16E-05	3.52E-07	1.23E-04	0.000185	5.85E-05	4.47E-07	2.37E-04	2.96E-04
3539	490863.09	3849877.25	0.00418	0.00553	0.00443	6.22E-05	3.90E-07	1.15E-04	0.000178	6.36E-05	3.84E-07	1.28E-04	0.000192	6.04E-05	4.88E-07	2.46E-04	3.07E-04
3540	491363.09	3849877.25	0.00431	0.00594	0.00457	6.42E-05	4.19E-07	1.19E-04	0.000183	6.55E-05	4.13E-07	1.32E-04	0.000198	6.23E-05	5.24E-07	2.54E-04	3.17E-04
3541	491863.09	3849877.25	0.0043	0.00617	0.00461	6.40E-05	4.36E-07	1.20E-04	0.000184	6.54E-05	4.29E-07	1.33E-04	0.000199	6.21E-05	5.44E-07	2.56E-04	3.19E-04
3542	492363.09	3849877.25	0.00432	0.00634	0.00467	6.43E-05	4.48E-07	1.21E-04	0.000186	6.57E-05	4.41E-07	1.35E-04	0.000201	6.24E-05	5.59E-07	2.59E-04	3.22E-04
3543	492863.09	3849877.25	0.00421	0.0063	0.00458	6.27E-05	4.45E-07	1.19E-04	0.000182	6.40E-05	4.38E-07	1.33E-04	0.000197	6.08E-05	5.56E-07	2.54E-04	3.16E-04
3544	493363.09	3849877.25	0.00411	0.00614	0.00449	6.12E-05	4.34E-07	1.17E-04	0.000178	6.25E-05	4.27E-07	1.30E-04	0.000193	5.94E-05	5.42E-07	2.49E-04	3.09E-04
3545	493863.09	3849877.25	0.00414	0.00612	0.00452	6.16E-05	4.32E-07	1.18E-04	0.00018	6.30E-05	4.25E-07	1.31E-04	0.000194	5.98E-05	5.40E-07	2.51E-04	3.12E-04
3546	494363.09	3849877.25	0.00503	0.00732	0.00544	7.49E-05	5.17E-07	1.42E-04	0.000217	7.65E-05	5.09E-07	1.57E-04	0.000234	7.27E-05	6.46E-07	3.02E-04	3.76E-04
3547	494863.09	3849877.25	0.00578	0.00834	0.00621	8.60E-05	5.89E-07	1.62E-04	0.000248	8.79E-05	5.80E-07	1.80E-04	0.000268	8.35E-05	7.36E-07	3.45E-04	4.29E-04
3548	495363.09	3849877.25	0.00535	0.00765	0.00576	7.96E-05	5.40E-07	1.50E-04	0.00023	8.14E-05	5.32E-07	1.67E-04	0.000249	7.73E-05	6.75E-07	3.20E-04	3.98E-04
3549	495863.09	3849877.25	0.00622	0.00873	0.00666	9.26E-05	6.16E-07	1.73E-04	0.000266	9.46E-05	6.07E-07	1.93E-04	0.000288	8.99E-05	7.70E-07	3.70E-04	4.61E-04
3550	496363.09	3849877.25	0.00667	0.00916	0.00712	9.93E-05	6.47E-07	1.85E-04	0.000285	1.01E-04	6.37E-07	2.06E-04	0.000308	9.64E-05	8.08E-07	3.96E-04	4.93E-04
3551	496863.09	3849877.25	0.00704	0.00951	0.0075	1.05E-04	6.71E-07	1.95E-04	0.000301	1.07E-04	6.61E-07	2.17E-04	0.000325	1.02E-04	8.39E-07	4.17E-04	5.19E-04
3552	497363.09	3849877.25	0.00837	0.01108	0.00887	1.25E-04	7.82E-07	2.31E-04	0.000356	1.27E-04	7.70E-07	2.57E-04	0.000385	1.21E-04	9.78E-07	4.93E-04	6.15E-04
3553	497863.09	3849877.25	0.00901	0.0117	0.00953	1.34E-04	8.26E-07	2.48E-04	0.000383	1.37E-04	8.13E-07	2.76E-04	0.000414	1.30E-04	1.03E-06	5.30E-04	6.61E-04
3554	498363.09	3849877.25	0.0089	0.01146	0.00943	1.32E-04	8.09E-07	2.45E-04	0.000379	1.35E-04	7.97E-07	2.73E-04	0.000409	1.29E-04	1.01E-06	5.24E-04	6.54E-04
3555	471363.09	3850377.25	0.00437	0.00512	0.00449	6.50E-05	3.62E-07	1.17E-04	0.000182	6.65E-05	3.56E-07	1.30E-04	0.000197	6.31E-05	4.52E-07	2.49E-04	3.13E-04
3556	471863.09	3850377.25	0.00573	0.00641	0.00579	8.53E-05	4.53E-07	1.51E-04	0.000236	8.71E-05	4.46E-07	1.68E-04	0.000255	8.28E-05	5.66E-07	3.22E-04	4.05E-04
3557	472363.09	3850377.25	0.00647	0.0068	0.00646	9.63E-05	4.80E-07	1.68E-04	0.000265	9.84E-05	4.73E-07	1.87E-04	0.000286	9.35E-05	6.00E-07	3.59E-04	4.53E-04
3558	472863.09	3850377.25	0.00788	0.00803	0.00772	1.17E-04	5.67E-07	2.01E-04	0.000319	1.20E-04	5.58E-07	2.23E-04	0.000344	1.14E-04	7.09E-07	4.29E-04	5.44E-04
3559	473363.09	3850377.25	0.00863	0.00888	0.00843	1.28E-04	6.27E-07	2.19E-04	0.000348	1.31E-04	6.17E-07	2.44E-04	0.000376	1.25E-04	7.84E-07	4.68E-04	5.94E-04
3560	473863.09	3850377.25	0.00955	0.0099	0.00933	1.42E-04	6.99E-07	2.43E-04	0.000386	1.45E-04	6.88E-07	2.70E-04	0.000416	1.38E-04	8.74E-07	5.18E-04	6.57E-04
3561	474363.09	3850377.25	0.01038	0.0107	0.01017	1.55E-04	7.56E-07	2.65E-04	0.00042	1.58E-04	7.44E-07	2.94E-04	0.000453	1.50E-04	9.44E-07	5.65E-04	7.16E-04
3562	474863.09	3850377.25	0.01108	0.01186	0.01093	1.65E-04	8.37E-07	2.84E-04	0.00045	1.69E-04	8.24E-07	3.16E-04	0.000486	1.60E-04	1.05E-06	6.07E-04	7.68E-04
3563	475363.09	3850377.25	0.01167	0.01324	0.01154	1.74E-04	9.35E-07	3.00E-04	0.000475	1.77E-04	9.20E-07	3.34E-04	0.000512	1.69E-04	1.17E-06	6.41E-04	8.11E-04
3564	475863.09	3850377.25	0.01201	0.0138	0.01185	1.79E-04	9.74E-07	3.08E-04	0.000488	1.83E-04	9.59E-07	3.43E-04	0.000527	1.74E-04	1.22E-06	6.58E-04	8.33E-04
3565	476363.09	3850377.25	0.01225	0.01391	0.01195	1.82E-04	9.82E-07	3.11E-04	0.000494	1.86E-04	9.67E-07	3.46E-04	0.000533	1.77E-04	1.23E-06	6.64E-04	8.42E-04
3566	476863.09	3850377.25	0.01252	0.01397	0.01198	1.86E-04	9.86E-07	3.12E-04	0.000499	1.90E-04	9.71E-07	3.47E-04	0.000538	1.81E-04	1.23E-06	6.66E-04	8.48E-04
3567	477363.09	3850377.25	0.01275	0.01395	0.0119	1.90E-04	9.85E-07	3.10E-04	0.0005	1.94E-04	9.70E-07	3.44E-04	0.000539	1.84E-04	1.23E-06	6.61E-04	8.47E-04
3568	477863.09	3850377.25	0.01241	0.01345	0.01146	1.85E-04	9.50E-07	2.98E-04	0.000484	1.89E-04	9.35E-07	3.32E-04	0.000521	1.79E-04	1.19E-06	6.37E-04	8.17E-04

3569	478363.09	3850377.25	0.01233	0.01295	0.0115	1.84E-04	9.14E-07	2.99E-04	0.000484	1.88E-04	9.00E-07	3.33E-04	0.000521	1.78E-04	1.14E-06	6.39E-04	8.18E-04
3570	478863.09	3850377.25	0.01588	0.01744	0.01518	2.36E-04	1.23E-06	3.95E-04	0.000633	2.42E-04	1.21E-06	4.39E-04	0.000682	2.29E-04	1.54E-06	8.43E-04	1.07E-03
3571	479363.09	3850377.25	0.01895	0.02208	0.01875	2.82E-04	1.56E-06	4.88E-04	0.000771	2.88E-04	1.53E-06	5.43E-04	0.000832	2.74E-04	1.95E-06	1.04E-03	1.32E-03
3572	479863.09	3850377.25	0.01759	0.0192	0.01726	2.62E-04	1.36E-06	4.49E-04	0.000712	2.68E-04	1.33E-06	4.99E-04	0.000768	2.54E-04	1.69E-06	9.59E-04	1.21E-03
3573	480363.09	3850377.25	0.01477	0.01566	0.01433	2.20E-04	1.11E-06	3.73E-04	0.000594	2.25E-04	1.09E-06	4.15E-04	0.00064	2.13E-04	1.38E-06	7.96E-04	1.01E-03
3574	480863.09	3850377.25	0.01364	0.01431	0.01301	2.03E-04	1.01E-06	3.38E-04	0.000543	2.07E-04	9.95E-07	3.76E-04	0.000585	1.97E-04	1.26E-06	7.23E-04	9.21E-04
3575	481363.09	3850377.25	0.00855	0.00885	0.00797	1.27E-04	6.25E-07	2.07E-04	0.000335	1.30E-04	6.15E-07	2.31E-04	0.000361	1.24E-04	7.81E-07	4.43E-04	5.67E-04
3576	481863.09	3850377.25	0.00767	0.00739	0.00725	1.14E-04	5.22E-07	1.89E-04	0.000303	1.17E-04	5.14E-07	2.10E-04	0.000327	1.11E-04	6.52E-07	4.03E-04	5.14E-04
3577	482363.09	3850377.25	0.00684	0.0068	0.00646	1.02E-04	4.80E-07	1.68E-04	0.00027	1.04E-04	4.73E-07	1.87E-04	0.000291	9.88E-05	6.00E-07	3.59E-04	4.58E-04
3578	482863.09	3850377.25	0.00478	0.0051	0.00453	7.11E-05	3.60E-07	1.18E-04	0.000189	7.27E-05	3.54E-07	1.31E-04	0.000204	6.91E-05	4.50E-07	2.52E-04	3.21E-04
3579	483363.09	3850377.25	0.00391	0.0042	0.00376	5.82E-05	2.97E-07	9.78E-05	0.000156	5.95E-05	2.92E-07	1.09E-04	0.000169	5.65E-05	3.71E-07	2.09E-04	2.66E-04
3580	483863.09	3850377.25	0.00413	0.00411	0.0039	6.15E-05	2.90E-07	1.01E-04	0.000163	6.28E-05	2.86E-07	1.13E-04	0.000176	5.97E-05	3.63E-07	2.17E-04	2.77E-04
3581	484363.09	3850377.25	0.00477	0.00442	0.00445	7.10E-05	3.12E-07	1.16E-04	0.000187	7.25E-05	3.07E-07	1.29E-04	0.000202	6.89E-05	3.90E-07	2.47E-04	3.17E-04
3582	484863.09	3850377.25	0.00558	0.0054	0.00519	8.31E-05	3.81E-07	1.35E-04	0.000218	8.49E-05	3.75E-07	1.50E-04	0.000235	8.06E-05	4.76E-07	2.88E-04	3.69E-04
3583	485363.09	3850377.25	0.00545	0.00536	0.00504	8.11E-05	3.78E-07	1.31E-04	0.000213	8.29E-05	3.73E-07	1.46E-04	0.000229	7.88E-05	4.73E-07	2.80E-04	3.59E-04
3584	485863.09	3850377.25	0.00484	0.00495	0.00456	7.20E-05	3.50E-07	1.19E-04	0.000191	7.36E-05	3.44E-07	1.32E-04	0.000206	6.99E-05	4.37E-07	2.53E-04	3.24E-04
3585	486363.09	3850377.25	0.00475	0.00465	0.00455	7.07E-05	3.28E-07	1.18E-04	0.000189	7.22E-05	3.23E-07	1.32E-04	0.000204	6.86E-05	4.10E-07	2.53E-04	3.22E-04
3586	486863.09	3850377.25	0.00475	0.00516	0.00459	7.07E-05	3.64E-07	1.19E-04	0.00019	7.22E-05	3.59E-07	1.33E-04	0.000205	6.86E-05	4.55E-07	2.55E-04	3.24E-04
3587	487363.09	3850377.25	0.00461	0.00556	0.00449	6.86E-05	3.93E-07	1.17E-04	0.000186	7.01E-05	3.86E-07	1.30E-04	0.0002	6.66E-05	4.91E-07	2.49E-04	3.17E-04
3588	487863.09	3850377.25	0.00475	0.00589	0.00465	7.07E-05	4.16E-07	1.21E-04	0.000192	7.22E-05	4.09E-07	1.35E-04	0.000207	6.86E-05	5.20E-07	2.58E-04	3.28E-04
3589	488363.09	3850377.25	0.00485	0.00588	0.0048	7.22E-05	4.15E-07	1.25E-04	0.000197	7.38E-05	4.09E-07	1.39E-04	0.000213	7.01E-05	5.19E-07	2.67E-04	3.37E-04
3590	488863.09	3850377.25	0.00501	0.00621	0.00505	7.46E-05	4.38E-07	1.31E-04	0.000206	7.62E-05	4.32E-07	1.46E-04	0.000223	7.24E-05	5.48E-07	2.81E-04	3.54E-04
3591	489363.09	3850377.25	0.00514	0.0064	0.0053	7.65E-05	4.52E-07	1.38E-04	0.000215	7.82E-05	4.45E-07	1.53E-04	0.000232	7.43E-05	5.65E-07	2.95E-04	3.69E-04
3592	489863.09	3850377.25	0.00519	0.00655	0.00543	7.73E-05	4.62E-07	1.41E-04	0.000219	7.89E-05	4.55E-07	1.57E-04	0.000237	7.50E-05	5.78E-07	3.02E-04	3.77E-04
3593	490363.09	3850377.25	0.00532	0.0072	0.00561	7.92E-05	5.08E-07	1.46E-04	0.000226	8.09E-05	5.00E-07	1.62E-04	0.000244	7.69E-05	6.35E-07	3.12E-04	3.89E-04
3594	490863.09	3850377.25	0.00551	0.00783	0.00584	8.20E-05	5.53E-07	1.52E-04	0.000235	8.38E-05	5.44E-07	1.69E-04	0.000253	7.96E-05	6.91E-07	3.25E-04	4.05E-04
3595	491363.09	3850377.25	0.00567	0.00828	0.00604	8.44E-05	5.85E-07	1.57E-04	0.000242	8.62E-05	5.75E-07	1.75E-04	0.000262	8.19E-05	7.31E-07	3.36E-04	4.18E-04
3596	491863.09	3850377.25	0.00562	0.00835	0.00602	8.37E-05	5.90E-07	1.57E-04	0.000241	8.55E-05	5.80E-07	1.74E-04	0.00026	8.12E-05	7.37E-07	3.35E-04	4.16E-04
3597	492363.09	3850377.25	0.0055	0.00833	0.00594	8.19E-05	5.88E-07	1.55E-04	0.000237	8.36E-05	5.79E-07	1.72E-04	0.000256	7.95E-05	7.35E-07	3.30E-04	4.10E-04
3598	492863.09	3850377.25	0.00553	0.00837	0.00598	8.23E-05	5.91E-07	1.56E-04	0.000238	8.41E-05	5.82E-07	1.73E-04	0.000258	7.99E-05	7.39E-07	3.32E-04	4.13E-04
3599	493363.09	3850377.25	0.0054	0.00809	0.00585	8.04E-05	5.71E-07	1.52E-04	0.000233	8.21E-05	5.62E-07	1.69E-04	0.000252	7.80E-05	7.14E-07	3.25E-04	4.04E-04
3600	493863.09	3850377.25	0.00602	0.00892	0.00649	8.96E-05	6.30E-07	1.69E-04	0.000259	9.16E-05	6.20E-07	1.88E-04	0.00028	8.70E-05	7.87E-07	3.61E-04	4.48E-04
3601	494363.09	3850377.25	0.00654	0.00957	0.00703	9.73E-05	6.76E-07	1.83E-04	0.000281	9.95E-05	6.65E-07	2.03E-04	0.000304	9.45E-05	8.44E-07	3.91E-04	4.86E-04
3602	494863.09	3850377.25	0.00736	0.01056	0.00786	1.10E-04	7.46E-07	2.04E-04	0.000315	1.12E-04	7.34E-07	2.27E-04	0.00034	1.06E-04	9.32E-07	4.37E-04	5.44E-04
3603	495363.09	3850377.25	0.00837	0.01169	0.00888	1.25E-04	8.25E-07	2.31E-04	0.000356	1.27E-04	8.12E-07	2.57E-04	0.000385	1.21E-04	1.03E-06	4.93E-04	6.15E-04
3604	495863.09	3850377.25	0.0082	0.01122	0.00871	1.22E-04	7.92E-07	2.27E-04	0.000349	1.25E-04	7.80E-07	2.52E-04	0.000378	1.18E-04	9.90E-07	4.84E-04	6.03E-04
3605	496363.09	3850377.25	0.00922	0.01235	0.00977	1.37E-04	8.72E-07	2.54E-04	0.000392	1.40E-04	8.58E-07	2.83E-04	0.000424	1.33E-04	1.09E-06	5.43E-04	6.77E-04
3606	496863.09	3850377.25	0.0102	0.01342	0.01078	1.52E-04	9.48E-07	2.80E-04	0.000433	1.55E-04	9.33E-07	3.12E-04	0.000468	1.47E-04	1.18E-06	5.99E-04	7.48E-04
3607	497363.09	3850377.25	0.01072	0.01393	0.01133	1.60E-04	9.84E-07	2.95E-04	0.000455	1.63E-04	9.68E-07	3.28E-04	0.000492	1.55E-04	1.23E-06	6.30E-04	7.86E-04
3608	497863.09	3850377.25	0.01078	0.01393	0.0114	1.60E-04	9.84E-07	2.97E-04	0.000458	1.64E-04	9.68E-07	3.30E-04	0.000495	1.56E-04	1.23E-06	6.33E-04	7.90E-04
3609	498363.09	3850377.25	0.01084	0.0139	0.01148	1.61E-04	9.81E-07	2.99E-04	0.000461	1.65E-04	9.66E-07	3.32E-04	0.000498	1.57E-04	1.23E-06	6.38E-04	7.96E-04
3610	471363.09	3850877.25	0.00546	0.00638	0.00553	8.13E-05	4.50E-07	1.44E-04	0.000226	8.30E-05	4.43E-07	1.60E-04	0.000244	7.89E-05	5.63E-07	3.07E-04	3.87E-04
3611	471863.09	3850877.25	0.00608	0.00726	0.00616	9.05E-05	5.13E-07	1.60E-04	0.000251	9.25E-05	5.05E-07	1.78E-04	0.000271	8.79E-05	6.41E-07	3.42E-04	4.31E-04
3612	472363.09	3850877.25	0.00696	0.00835	0.00704	1.04E-04	5.90E-07	1.83E-04	0.000287	1.06E-04	5.80E-07	2.04E-04	0.00031	1.01E-04	7.37E-07	3.91E-04	4.92E-04
3613	472863.09	3850877.25	0.00781	0.00904	0.00784	1.16E-04	6.38E-07	2.04E-04	0.000321	1.19E-04	6.28E-07	2.27E-04	0.000346	1.13E-04	7.98E-07	4.36E-04	5.49E-04
3614	473363.09	3850877.25	0.00763	0.00829	0.00765	1.14E-04	5.85E-07	1.99E-04	0.000313	1.16E-04	5.76E-07	2.21E-04	0.000338	1.10E-04	7.31E-07	4.25E-04	5.36E-04
3615	473863.09	3850877.25	0.00886	0.00916	0.00875	1.32E-04	6.47E-07	2.28E-04	0.00036	1.35E-04	6.37E-07	2.53E-04	0.000389	1.28E-04	8.08E-07	4.86E-04	6.15E-04

3616	474363.09	3850877.25	0.01034	0.01067	0.01006	1.54E-04	7.53E-07	2.62E-04	0.000416	1.57E-04	7.42E-07	2.91E-04	0.000449	1.49E-04	9.41E-07	5.59E-04	7.09E-04
3617	474863.09	3850877.25	0.0113	0.01174	0.01099	1.68E-04	8.29E-07	2.86E-04	0.000455	1.72E-04	8.16E-07	3.18E-04	0.000491	1.63E-04	1.04E-06	6.11E-04	7.75E-04
3618	475363.09	3850877.25	0.0122	0.01273	0.01192	1.82E-04	8.99E-07	3.10E-04	0.000493	1.86E-04	8.85E-07	3.45E-04	0.000531	1.76E-04	1.12E-06	6.62E-04	8.40E-04
3619	475863.09	3850877.25	0.01311	0.01428	0.01287	1.95E-04	1.01E-06	3.35E-04	0.000531	1.99E-04	9.92E-07	3.72E-04	0.000573	1.89E-04	1.26E-06	7.15E-04	9.06E-04
3620	476363.09	3850877.25	0.01378	0.01587	0.01358	2.05E-04	1.12E-06	3.53E-04	0.00056	2.10E-04	1.10E-06	3.93E-04	0.000604	1.99E-04	1.40E-06	7.55E-04	9.55E-04
3621	476863.09	3850877.25	0.01425	0.01654	0.01396	2.12E-04	1.17E-06	3.63E-04	0.000576	2.17E-04	1.15E-06	4.04E-04	0.000622	2.06E-04	1.46E-06	7.76E-04	9.83E-04
3622	477363.09	3850877.25	0.01469	0.01675	0.01412	2.19E-04	1.18E-06	3.67E-04	0.000587	2.23E-04	1.16E-06	4.09E-04	0.000633	2.12E-04	1.48E-06	7.85E-04	9.98E-04
3623	477863.09	3850877.25	0.01505	0.01676	0.01409	2.24E-04	1.18E-06	3.67E-04	0.000592	2.29E-04	1.16E-06	4.08E-04	0.000638	2.17E-04	1.48E-06	7.83E-04	1.00E-03
3624	478363.09	3850877.25	0.01495	0.01639	0.01372	2.23E-04	1.16E-06	3.57E-04	0.000581	2.27E-04	1.14E-06	3.97E-04	0.000626	2.16E-04	1.45E-06	7.62E-04	9.80E-04
3625	478863.09	3850877.25	0.01571	0.01631	0.01411	2.34E-04	1.15E-06	3.67E-04	0.000602	2.39E-04	1.13E-06	4.08E-04	0.000648	2.27E-04	1.44E-06	7.84E-04	1.01E-03
3626	479363.09	3850877.25	0.01898	0.02087	0.01784	2.83E-04	1.47E-06	4.64E-04	0.000748	2.89E-04	1.45E-06	5.16E-04	0.000806	2.74E-04	1.84E-06	9.91E-04	1.27E-03
3627	479863.09	3850877.25	0.02201	0.02613	0.0218	3.28E-04	1.84E-06	5.67E-04	0.000897	3.35E-04	1.82E-06	6.31E-04	0.000967	3.18E-04	2.31E-06	1.21E-03	1.53E-03
3628	480363.09	3850877.25	0.02213	0.02413	0.02123	3.29E-04	1.70E-06	5.52E-04	0.000883	3.37E-04	1.68E-06	6.14E-04	0.000953	3.20E-04	2.13E-06	1.18E-03	1.50E-03
3629	480863.09	3850877.25	0.0195	0.02117	0.01859	2.90E-04	1.49E-06	4.84E-04	0.000775	2.97E-04	1.47E-06	5.38E-04	0.000836	2.82E-04	1.87E-06	1.03E-03	1.32E-03
3630	481363.09	3850877.25	0.01716	0.01889	0.01619	2.55E-04	1.33E-06	4.21E-04	0.000678	2.61E-04	1.31E-06	4.68E-04	0.000731	2.48E-04	1.67E-06	9.00E-04	1.15E-03
3631	481863.09	3850877.25	0.01393	0.01391	0.01288	2.07E-04	9.82E-07	3.35E-04	0.000543	2.12E-04	9.67E-07	3.73E-04	0.000586	2.01E-04	1.23E-06	7.16E-04	9.18E-04
3632	482363.09	3850877.25	0.00991	0.00967	0.00931	1.48E-04	6.83E-07	2.42E-04	0.00039	1.51E-04	6.72E-07	2.69E-04	0.000421	1.43E-04	8.53E-07	5.17E-04	6.61E-04
3633	482863.09	3850877.25	0.00787	0.00811	0.0073	1.17E-04	5.73E-07	1.90E-04	0.000308	1.20E-04	5.64E-07	2.11E-04	0.000331	1.14E-04	7.16E-07	4.06E-04	5.20E-04
3634	483363.09	3850877.25	0.00601	0.00638	0.00569	8.95E-05	4.50E-07	1.48E-04	0.000238	9.14E-05	4.43E-07	1.65E-04	0.000257	8.68E-05	5.63E-07	3.16E-04	4.04E-04
3635	483863.09	3850877.25	0.0058	0.00578	0.00549	8.63E-05	4.08E-07	1.43E-04	0.00023	8.82E-05	4.02E-07	1.59E-04	0.000247	8.38E-05	5.10E-07	3.05E-04	3.89E-04
3636	484363.09	3850877.25	0.0066	0.00601	0.00611	9.82E-05	4.24E-07	1.59E-04	0.000258	1.00E-04	4.18E-07	1.77E-04	0.000278	9.54E-05	5.30E-07	3.40E-04	4.35E-04
3637	484863.09	3850877.25	0.00644	0.00639	0.00594	9.59E-05	4.51E-07	1.55E-04	0.000251	9.79E-05	4.44E-07	1.72E-04	0.00027	9.31E-05	5.64E-07	3.30E-04	4.24E-04
3638	485363.09	3850877.25	0.00675	0.00649	0.00624	1.00E-04	4.58E-07	1.62E-04	0.000263	1.03E-04	4.51E-07	1.81E-04	0.000284	9.75E-05	5.73E-07	3.47E-04	4.45E-04
3639	485863.09	3850877.25	0.00585	0.00595	0.00556	8.71E-05	4.20E-07	1.45E-04	0.000232	8.90E-05	4.14E-07	1.61E-04	0.00025	8.45E-05	5.25E-07	3.09E-04	3.94E-04
3640	486363.09	3850877.25	0.00613	0.00623	0.00587	9.12E-05	4.40E-07	1.53E-04	0.000244	9.32E-05	4.33E-07	1.70E-04	0.000264	8.86E-05	5.50E-07	3.26E-04	4.15E-04
3641	486863.09	3850877.25	0.00613	0.00723	0.00591	9.12E-05	5.10E-07	1.54E-04	0.000246	9.32E-05	5.03E-07	1.71E-04	0.000265	8.86E-05	6.38E-07	3.28E-04	4.18E-04
3642	487363.09	3850877.25	0.00598	0.00737	0.00578	8.90E-05	5.20E-07	1.50E-04	0.00024	9.09E-05	5.12E-07	1.67E-04	0.000259	8.64E-05	6.50E-07	3.21E-04	4.08E-04
3643	487863.09	3850877.25	0.00613	0.0074	0.00605	9.12E-05	5.23E-07	1.57E-04	0.000249	9.32E-05	5.14E-07	1.75E-04	0.000269	8.86E-05	6.53E-07	3.36E-04	4.25E-04
3644	488363.09	3850877.25	0.00638	0.00768	0.00641	9.50E-05	5.42E-07	1.67E-04	0.000262	9.70E-05	5.34E-07	1.85E-04	0.000283	9.22E-05	6.78E-07	3.56E-04	4.49E-04
3645	488863.09	3850877.25	0.00658	0.00827	0.00674	9.79E-05	5.84E-07	1.75E-04	0.000274	1.00E-04	5.75E-07	1.95E-04	0.000296	9.51E-05	7.30E-07	3.75E-04	4.70E-04
3646	489363.09	3850877.25	0.00687	0.00893	0.00714	1.02E-04	6.31E-07	1.86E-04	0.000289	1.04E-04	6.21E-07	2.07E-04	0.000312	9.93E-05	7.88E-07	3.97E-04	4.97E-04
3647	489863.09	3850877.25	0.00708	0.0098	0.00745	1.05E-04	6.92E-07	1.94E-04	0.0003	1.08E-04	6.81E-07	2.16E-04	0.000324	1.02E-04	8.65E-07	4.14E-04	5.17E-04
3648	490363.09	3850877.25	0.00739	0.01084	0.00782	1.10E-04	7.65E-07	2.03E-04	0.000314	1.12E-04	7.53E-07	2.26E-04	0.000339	1.07E-04	9.56E-07	4.35E-04	5.42E-04
3649	490863.09	3850877.25	0.00764	0.01137	0.0081	1.14E-04	8.03E-07	2.11E-04	0.000325	1.16E-04	7.90E-07	2.34E-04	0.000351	1.10E-04	1.00E-06	4.50E-04	5.61E-04
3650	491363.09	3850877.25	0.00769	0.01158	0.00819	1.14E-04	8.18E-07	2.13E-04	0.000328	1.17E-04	8.05E-07	2.37E-04	0.000355	1.11E-04	1.02E-06	4.55E-04	5.67E-04
3651	491863.09	3850877.25	0.00765	0.01168	0.00818	1.14E-04	8.25E-07	2.13E-04	0.000328	1.16E-04	8.12E-07	2.37E-04	0.000354	1.11E-04	1.03E-06	4.55E-04	5.66E-04
3652	492363.09	3850877.25	0.00761	0.01168	0.00814	1.13E-04	8.25E-07	2.12E-04	0.000326	1.16E-04	8.12E-07	2.36E-04	0.000352	1.10E-04	1.03E-06	4.52E-04	5.63E-04
3653	492863.09	3850877.25	0.00767	0.01166	0.00822	1.14E-04	8.23E-07	2.14E-04	0.000329	1.17E-04	8.10E-07	2.38E-04	0.000355	1.11E-04	1.03E-06	4.57E-04	5.69E-04
3654	493363.09	3850877.25	0.00786	0.01181	0.00842	1.17E-04	8.34E-07	2.19E-04	0.000337	1.20E-04	8.21E-07	2.44E-04	0.000364	1.14E-04	1.04E-06	4.68E-04	5.82E-04
3655	493863.09	3850877.25	0.00869	0.01277	0.00927	1.29E-04	9.02E-07	2.41E-04	0.000371	1.32E-04	8.88E-07	2.68E-04	0.000401	1.26E-04	1.13E-06	5.15E-04	6.42E-04
3656	494363.09	3850877.25	0.00916	0.01313	0.00974	1.36E-04	9.27E-07	2.53E-04	0.000391	1.39E-04	9.13E-07	2.82E-04	0.000422	1.32E-04	1.16E-06	5.41E-04	6.75E-04
3657	494863.09	3850877.25	0.0101	0.01408	0.01072	1.50E-04	9.94E-07	2.79E-04	0.00043	1.54E-04	9.79E-07	3.10E-04	0.000465	1.46E-04	1.24E-06	5.96E-04	7.43E-04
3658	495363.09	3850877.25	0.01115	0.01513	0.01179	1.66E-04	1.07E-06	3.07E-04	0.000474	1.70E-04	1.05E-06	3.41E-04	0.000512	1.61E-04	1.33E-06	6.55E-04	8.18E-04
3659	495863.09	3850877.25	0.01145	0.01533	0.0121	1.70E-04	1.08E-06	3.15E-04	0.000486	1.74E-04	1.07E-06	3.50E-04	0.000525	1.65E-04	1.35E-06	6.72E-04	8.39E-04
3660	496363.09	3850877.25	0.01207	0.01595	0.01276	1.80E-04	1.13E-06	3.32E-04	0.000513	1.84E-04	1.11E-06	3.69E-04	0.000554	1.74E-04	1.41E-06	7.09E-04	8.85E-04
3661	496863.09	3850877.25	0.01305	0.01707	0.01376	1.94E-04	1.21E-06	3.58E-04	0.000553	1.98E-04	1.19E-06	3.98E-04	0.000598	1.89E-04	1.51E-06	7.65E-04	9.55E-04
3662	497363.09	3850877.25	0.0132	0.01713	0.01394	1.96E-04	1.21E-06	3.63E-04	0.00056	2.01E-04	1.19E-06	4.03E-04	0.000605	1.91E-04	1.51E-06	7.75E-04	9.67E-04

3663	497863.09	3850877.25	0.01308	0.01682	0.01383	1.95E-04	1.19E-06	3.60E-04	0.000556	1.99E-04	1.17E-06	4.00E-04	0.0006	1.89E-04	1.48E-06	7.68E-04	9.59E-04
3664	498363.09	3850877.25	0.01294	0.01646	0.01368	1.93E-04	1.16E-06	3.56E-04	0.00055	1.97E-04	1.14E-06	3.96E-04	0.000594	1.87E-04	1.45E-06	7.60E-04	9.49E-04
3665	471363.09	3851377.25	0.00602	0.0063	0.00613	8.96E-05	4.45E-07	1.59E-04	0.00025	9.16E-05	4.38E-07	1.77E-04	0.000269	8.70E-05	5.56E-07	3.41E-04	4.28E-04
3666	471863.09	3851377.25	0.00738	0.00816	0.00744	1.10E-04	5.76E-07	1.94E-04	0.000304	1.12E-04	5.67E-07	2.15E-04	0.000328	1.07E-04	7.20E-07	4.13E-04	5.21E-04
3667	472363.09	3851377.25	0.00754	0.00879	0.00759	1.12E-04	6.21E-07	1.97E-04	0.00031	1.15E-04	6.11E-07	2.20E-04	0.000335	1.09E-04	7.76E-07	4.22E-04	5.31E-04
3668	472863.09	3851377.25	0.00775	0.00937	0.0078	1.15E-04	6.62E-07	2.03E-04	0.000319	1.18E-04	6.51E-07	2.26E-04	0.000344	1.12E-04	8.27E-07	4.33E-04	5.46E-04
3669	473363.09	3851377.25	0.00713	0.00862	0.0072	1.06E-04	6.09E-07	1.87E-04	0.000294	1.08E-04	5.99E-07	2.08E-04	0.000317	1.03E-04	7.61E-07	4.00E-04	5.04E-04
3670	473863.09	3851377.25	0.00756	0.00906	0.00765	1.13E-04	6.40E-07	1.99E-04	0.000312	1.15E-04	6.30E-07	2.21E-04	0.000337	1.09E-04	7.99E-07	4.25E-04	5.35E-04
3671	474363.09	3851377.25	0.0091	0.01033	0.00914	1.35E-04	7.29E-07	2.38E-04	0.000374	1.38E-04	7.18E-07	2.64E-04	0.000404	1.31E-04	9.11E-07	5.08E-04	6.40E-04
3672	474863.09	3851377.25	0.01064	0.01132	0.01055	1.58E-04	7.99E-07	2.74E-04	0.000434	1.62E-04	7.87E-07	3.05E-04	0.000468	1.54E-04	9.99E-07	5.86E-04	7.41E-04
3673	475363.09	3851377.25	0.01208	0.01262	0.01183	1.80E-04	8.91E-07	3.08E-04	0.000488	1.84E-04	8.77E-07	3.42E-04	0.000527	1.75E-04	1.11E-06	6.57E-04	8.33E-04
3674	475863.09	3851377.25	0.01325	0.01391	0.01295	1.97E-04	9.82E-07	3.37E-04	0.000535	2.02E-04	9.67E-07	3.75E-04	0.000577	1.91E-04	1.23E-06	7.20E-04	9.12E-04
3675	476363.09	3851377.25	0.01444	0.01527	0.01413	2.15E-04	1.08E-06	3.68E-04	0.000584	2.20E-04	1.06E-06	4.09E-04	0.00063	2.09E-04	1.35E-06	7.85E-04	9.95E-04
3676	476863.09	3851377.25	0.01527	0.01706	0.01511	2.27E-04	1.20E-06	3.93E-04	0.000622	2.32E-04	1.19E-06	4.37E-04	0.000671	2.21E-04	1.51E-06	8.40E-04	1.06E-03
3677	477363.09	3851377.25	0.01658	0.01946	0.01628	2.47E-04	1.37E-06	4.24E-04	0.000672	2.52E-04	1.35E-06	4.71E-04	0.000725	2.40E-04	1.72E-06	9.05E-04	1.15E-03
3678	477863.09	3851377.25	0.01728	0.02029	0.01677	2.57E-04	1.43E-06	4.36E-04	0.000695	2.63E-04	1.41E-06	4.85E-04	0.000749	2.50E-04	1.79E-06	9.32E-04	1.18E-03
3679	478363.09	3851377.25	0.01772	0.0204	0.01686	2.64E-04	1.44E-06	4.39E-04	0.000704	2.69E-04	1.42E-06	4.88E-04	0.000759	2.56E-04	1.80E-06	9.37E-04	1.19E-03
3680	478863.09	3851377.25	0.01802	0.02023	0.01664	2.68E-04	1.43E-06	4.33E-04	0.000703	2.74E-04	1.41E-06	4.82E-04	0.000757	2.60E-04	1.78E-06	9.25E-04	1.19E-03
3681	479363.09	3851377.25	0.01868	0.01987	0.01683	2.78E-04	1.40E-06	4.38E-04	0.000717	2.84E-04	1.38E-06	4.87E-04	0.000772	2.70E-04	1.75E-06	9.35E-04	1.21E-03
3682	479863.09	3851377.25	0.02281	0.0253	0.02117	3.40E-04	1.79E-06	5.51E-04	0.000892	3.47E-04	1.76E-06	6.13E-04	0.000961	3.30E-04	2.23E-06	1.18E-03	1.51E-03
3683	480363.09	3851377.25	0.02684	0.03212	0.02602	4.00E-04	2.27E-06	6.77E-04	0.001079	4.08E-04	2.23E-06	7.53E-04	0.001163	3.88E-04	2.83E-06	1.45E-03	1.84E-03
3684	480863.09	3851377.25	0.02691	0.02928	0.02524	4.01E-04	2.07E-06	6.57E-04	0.001059	4.09E-04	2.04E-06	7.30E-04	0.001142	3.89E-04	2.58E-06	1.40E-03	1.79E-03
3685	481363.09	3851377.25	0.02448	0.02665	0.02284	3.64E-04	1.88E-06	5.94E-04	0.00096	3.72E-04	1.85E-06	6.61E-04	0.001035	3.54E-04	2.35E-06	1.27E-03	1.63E-03
3686	481863.09	3851377.25	0.02028	0.02279	0.01874	3.02E-04	1.61E-06	4.88E-04	0.000791	3.08E-04	1.58E-06	5.42E-04	0.000852	2.93E-04	2.01E-06	1.04E-03	1.34E-03
3687	482363.09	3851377.25	0.01715	0.01664	0.01588	2.55E-04	1.17E-06	4.13E-04	0.00067	2.61E-04	1.16E-06	4.60E-04	0.000722	2.48E-04	1.47E-06	8.82E-04	1.13E-03
3688	482863.09	3851377.25	0.01231	0.01249	0.0114	1.83E-04	8.82E-07	2.97E-04	0.000481	1.87E-04	8.68E-07	3.30E-04	0.000518	1.78E-04	1.10E-06	6.33E-04	8.12E-04
3689	483363.09	3851377.25	0.00882	0.00929	0.00814	1.31E-04	6.56E-07	2.12E-04	0.000344	1.34E-04	6.46E-07	2.36E-04	0.00037	1.27E-04	8.20E-07	4.52E-04	5.81E-04
3690	483863.09	3851377.25	0.00757	0.00774	0.00711	1.13E-04	5.47E-07	1.85E-04	0.000298	1.15E-04	5.38E-07	2.06E-04	0.000321	1.09E-04	6.83E-07	3.95E-04	5.05E-04
3691	484363.09	3851377.25	0.00927	0.00826	0.00849	1.38E-04	5.83E-07	2.21E-04	0.000359	1.41E-04	5.74E-07	2.46E-04	0.000387	1.34E-04	7.29E-07	4.72E-04	6.06E-04
3692	484863.09	3851377.25	0.00693	0.00701	0.00647	1.03E-04	4.95E-07	1.68E-04	0.000272	1.05E-04	4.87E-07	1.87E-04	0.000293	1.00E-04	6.19E-07	3.60E-04	4.60E-04
3693	485363.09	3851377.25	0.00874	0.00816	0.00809	1.30E-04	5.76E-07	2.10E-04	0.000341	1.33E-04	5.67E-07	2.34E-04	0.000368	1.26E-04	7.20E-07	4.50E-04	5.77E-04
3694	485863.09	3851377.25	0.00754	0.00788	0.00717	1.12E-04	5.56E-07	1.87E-04	0.000299	1.15E-04	5.48E-07	2.07E-04	0.000323	1.09E-04	6.95E-07	3.98E-04	5.08E-04
3695	486363.09	3851377.25	0.00834	0.00905	0.00788	1.24E-04	6.39E-07	2.05E-04	0.00033	1.27E-04	6.29E-07	2.28E-04	0.000355	1.21E-04	7.99E-07	4.38E-04	5.59E-04
3696	486863.09	3851377.25	0.00818	0.00993	0.00787	1.22E-04	7.01E-07	2.05E-04	0.000327	1.24E-04	6.90E-07	2.28E-04	0.000353	1.18E-04	8.76E-07	4.37E-04	5.56E-04
3697	487363.09	3851377.25	0.00736	0.00904	0.00729	1.10E-04	6.38E-07	1.90E-04	0.0003	1.12E-04	6.28E-07	2.11E-04	0.000324	1.06E-04	7.98E-07	4.05E-04	5.12E-04
3698	487863.09	3851377.25	0.00827	0.00979	0.00832	1.23E-04	6.91E-07	2.16E-04	0.00034	1.26E-04	6.80E-07	2.41E-04	0.000367	1.20E-04	8.64E-07	4.62E-04	5.83E-04
3699	488363.09	3851377.25	0.0088	0.011	0.00898	1.31E-04	7.77E-07	2.34E-04	0.000365	1.34E-04	7.65E-07	2.60E-04	0.000394	1.27E-04	9.71E-07	4.99E-04	6.27E-04
3700	488863.09	3851377.25	0.00915	0.01243	0.00949	1.36E-04	8.78E-07	2.47E-04	0.000384	1.39E-04	8.64E-07	2.75E-04	0.000415	1.32E-04	1.10E-06	5.27E-04	6.61E-04
3701	489363.09	3851377.25	0.00955	0.01376	0.01002	1.42E-04	9.72E-07	2.61E-04	0.000404	1.45E-04	9.56E-07	2.90E-04	0.000436	1.38E-04	1.21E-06	5.57E-04	6.96E-04
3702	489863.09	3851377.25	0.00988	0.01488	0.01044	1.47E-04	1.05E-06	2.72E-04	0.00042	1.50E-04	1.03E-06	3.02E-04	0.000453	1.43E-04	1.31E-06	5.80E-04	7.24E-04
3703	490363.09	3851377.25	0.01025	0.01562	0.01086	1.53E-04	1.10E-06	2.83E-04	0.000436	1.56E-04	1.09E-06	3.14E-04	0.000471	1.48E-04	1.38E-06	6.03E-04	7.53E-04
3704	490863.09	3851377.25	0.01052	0.01614	0.01115	1.57E-04	1.14E-06	2.90E-04	0.000448	1.60E-04	1.12E-06	3.23E-04	0.000484	1.52E-04	1.42E-06	6.20E-04	7.73E-04
3705	491363.09	3851377.25	0.01049	0.01629	0.01113	1.56E-04	1.15E-06	2.90E-04	0.000447	1.60E-04	1.13E-06	3.22E-04	0.000483	1.52E-04	1.44E-06	6.18E-04	7.71E-04
3706	491863.09	3851377.25	0.0105	0.01646	0.01117	1.56E-04	1.16E-06	2.91E-04	0.000448	1.60E-04	1.14E-06	3.23E-04	0.000484	1.52E-04	1.45E-06	6.21E-04	7.74E-04
3707	492363.09	3851377.25	0.01063	0.01641	0.01131	1.58E-04	1.16E-06	2.94E-04	0.000454	1.62E-04	1.14E-06	3.27E-04	0.00049	1.54E-04	1.45E-06	6.28E-04	7.84E-04
3708	492863.09	3851377.25	0.01052	0.01588	0.0112	1.57E-04	1.12E-06	2.91E-04	0.000449	1.60E-04	1.10E-06	3.24E-04	0.000485	1.52E-04	1.40E-06	6.22E-04	7.76E-04
3709	493363.09	3851377.25	0.00971	0.01437	0.01038	1.45E-04	1.01E-06	2.70E-04	0.000416	1.48E-04	9.99E-07	3.00E-04	0.000449	1.40E-04	1.27E-06	5.77E-04	7.18E-04

3710	493863.09	3851377.25	0.01062	0.01529	0.01131	1.58E-04	1.08E-06	2.94E-04	0.000453	1.62E-04	1.06E-06	3.27E-04	0.00049	1.53E-04	1.35E-06	6.28E-04	7.83E-04
3711	494363.09	3851377.25	0.01248	0.01737	0.01321	1.86E-04	1.23E-06	3.44E-04	0.000531	1.90E-04	1.21E-06	3.82E-04	0.000573	1.80E-04	1.53E-06	7.34E-04	9.16E-04
3712	494863.09	3851377.25	0.01302	0.01777	0.01375	1.94E-04	1.25E-06	3.58E-04	0.000553	1.98E-04	1.24E-06	3.98E-04	0.000597	1.88E-04	1.57E-06	7.64E-04	9.54E-04
3713	495363.09	3851377.25	0.01492	0.02005	0.01571	2.22E-04	1.42E-06	4.09E-04	0.000632	2.27E-04	1.39E-06	4.55E-04	0.000683	2.16E-04	1.77E-06	8.73E-04	1.09E-03
3714	495863.09	3851377.25	0.01569	0.02082	0.01649	2.34E-04	1.47E-06	4.29E-04	0.000664	2.39E-04	1.45E-06	4.77E-04	0.000717	2.27E-04	1.84E-06	9.16E-04	1.14E-03
3715	496363.09	3851377.25	0.01608	0.02114	0.0169	2.39E-04	1.49E-06	4.40E-04	0.000681	2.45E-04	1.47E-06	4.89E-04	0.000735	2.32E-04	1.87E-06	9.39E-04	1.17E-03
3716	496863.09	3851377.25	0.0162	0.02111	0.01704	2.41E-04	1.49E-06	4.43E-04	0.000686	2.46E-04	1.47E-06	4.93E-04	0.000741	2.34E-04	1.86E-06	9.47E-04	1.18E-03
3717	497363.09	3851377.25	0.01624	0.0209	0.0171	2.42E-04	1.48E-06	4.45E-04	0.000688	2.47E-04	1.45E-06	4.95E-04	0.000743	2.35E-04	1.84E-06	9.50E-04	1.19E-03
3718	497863.09	3851377.25	0.01598	0.02027	0.01685	2.38E-04	1.43E-06	4.38E-04	0.000678	2.43E-04	1.41E-06	4.88E-04	0.000732	2.31E-04	1.79E-06	9.36E-04	1.17E-03
3719	498363.09	3851377.25	0.0152	0.01904	0.01605	2.26E-04	1.34E-06	4.18E-04	0.000645	2.31E-04	1.32E-06	4.64E-04	0.000697	2.20E-04	1.68E-06	8.92E-04	1.11E-03
3720	471363.09	3851877.25	0.00677	0.00723	0.00694	1.01E-04	5.10E-07	1.81E-04	0.000282	1.03E-04	5.03E-07	2.01E-04	0.000304	9.78E-05	6.38E-07	3.86E-04	4.84E-04
3721	471863.09	3851877.25	0.00658	0.0069	0.00674	9.79E-05	4.87E-07	1.75E-04	0.000274	1.00E-04	4.80E-07	1.95E-04	0.000296	9.51E-05	6.09E-07	3.75E-04	4.70E-04
3722	472363.09	3851877.25	0.0074	0.00771	0.00756	1.10E-04	5.44E-07	1.97E-04	0.000307	1.13E-04	5.36E-07	2.19E-04	0.000332	1.07E-04	6.80E-07	4.20E-04	5.28E-04
3723	472863.09	3851877.25	0.00815	0.00861	0.00829	1.21E-04	6.08E-07	2.16E-04	0.000338	1.24E-04	5.98E-07	2.40E-04	0.000364	1.18E-04	7.60E-07	4.61E-04	5.79E-04
3724	473363.09	3851877.25	0.0077	0.00845	0.0078	1.15E-04	5.97E-07	2.03E-04	0.000318	1.17E-04	5.87E-07	2.26E-04	0.000343	1.11E-04	7.46E-07	4.33E-04	5.45E-04
3725	473863.09	3851877.25	0.00795	0.00921	0.00802	1.18E-04	6.50E-07	2.09E-04	0.000328	1.21E-04	6.40E-07	2.32E-04	0.000354	1.15E-04	8.13E-07	4.46E-04	5.61E-04
3726	474363.09	3851877.25	0.00933	0.01143	0.00936	1.39E-04	8.07E-07	2.44E-04	0.000383	1.42E-04	7.94E-07	2.71E-04	0.000414	1.35E-04	1.01E-06	5.20E-04	6.56E-04
3727	474863.09	3851877.25	0.01071	0.01338	0.01075	1.59E-04	9.45E-07	2.80E-04	0.00044	1.63E-04	9.30E-07	3.11E-04	0.000475	1.55E-04	1.18E-06	5.97E-04	7.53E-04
3728	475363.09	3851877.25	0.01167	0.01397	0.0117	1.74E-04	9.86E-07	3.04E-04	0.000479	1.77E-04	9.71E-07	3.39E-04	0.000517	1.69E-04	1.23E-06	6.50E-04	8.20E-04
3729	475863.09	3851877.25	0.01265	0.01405	0.01261	1.88E-04	9.92E-07	3.28E-04	0.000517	1.92E-04	9.77E-07	3.65E-04	0.000558	1.83E-04	1.24E-06	7.01E-04	8.85E-04
3730	476363.09	3851877.25	0.01305	0.01387	0.01304	1.94E-04	9.79E-07	3.39E-04	0.000534	1.98E-04	9.64E-07	3.77E-04	0.000577	1.89E-04	1.22E-06	7.25E-04	9.14E-04
3731	476863.09	3851877.25	0.0148	0.01575	0.01472	2.20E-04	1.11E-06	3.83E-04	0.000604	2.25E-04	1.09E-06	4.26E-04	0.000652	2.14E-04	1.39E-06	8.18E-04	1.03E-03
3732	477363.09	3851877.25	0.01665	0.01789	0.01649	2.48E-04	1.26E-06	4.29E-04	0.000678	2.53E-04	1.24E-06	4.77E-04	0.000732	2.41E-04	1.58E-06	9.16E-04	1.16E-03
3733	477863.09	3851877.25	0.01817	0.02084	0.01805	2.70E-04	1.47E-06	4.70E-04	0.000742	2.76E-04	1.45E-06	5.22E-04	0.0008	2.63E-04	1.84E-06	1.00E-03	1.27E-03
3734	478363.09	3851877.25	0.01879	0.02276	0.01873	2.80E-04	1.61E-06	4.87E-04	0.000769	2.86E-04	1.58E-06	5.42E-04	0.000829	2.72E-04	2.01E-06	1.04E-03	1.31E-03
3735	478863.09	3851877.25	0.02019	0.02437	0.01989	3.01E-04	1.72E-06	5.17E-04	0.00082	3.07E-04	1.69E-06	5.76E-04	0.000884	2.92E-04	2.15E-06	1.11E-03	1.40E-03
3736	479363.09	3851877.25	0.02168	0.02541	0.02052	3.23E-04	1.79E-06	5.34E-04	0.000858	3.30E-04	1.77E-06	5.94E-04	0.000925	3.13E-04	2.24E-06	1.14E-03	1.46E-03
3737	479863.09	3851877.25	0.02308	0.02538	0.02142	3.44E-04	1.79E-06	5.57E-04	0.000903	3.51E-04	1.76E-06	6.20E-04	0.000973	3.34E-04	2.24E-06	1.19E-03	1.53E-03
3738	480363.09	3851877.25	0.02767	0.03106	0.02586	4.12E-04	2.19E-06	6.73E-04	0.001087	4.21E-04	2.16E-06	7.48E-04	0.001171	4.00E-04	2.74E-06	1.44E-03	1.84E-03
3739	480863.09	3851877.25	0.03282	0.03924	0.03132	4.89E-04	2.77E-06	8.15E-04	0.001306	4.99E-04	2.73E-06	9.06E-04	0.001408	4.74E-04	3.46E-06	1.74E-03	2.22E-03
3740	481363.09	3851877.25	0.03333	0.0369	0.03072	4.96E-04	2.61E-06	7.99E-04	0.001298	5.07E-04	2.56E-06	8.89E-04	0.001398	4.82E-04	3.26E-06	1.71E-03	2.19E-03
3741	481863.09	3851877.25	0.02923	0.03324	0.02707	4.35E-04	2.35E-06	7.04E-04	0.001142	4.45E-04	2.31E-06	7.83E-04	0.00123	4.22E-04	2.93E-06	1.50E-03	1.93E-03
3742	482363.09	3851877.25	0.02065	0.02099	0.01922	3.07E-04	1.48E-06	5.00E-04	0.000809	3.14E-04	1.46E-06	5.56E-04	0.000872	2.98E-04	1.85E-06	1.07E-03	1.37E-03
3743	482863.09	3851877.25	0.01352	0.01408	0.01264	2.01E-04	9.94E-07	3.29E-04	0.000531	2.06E-04	9.79E-07	3.66E-04	0.000572	1.95E-04	1.24E-06	7.02E-04	8.99E-04
3744	483363.09	3851877.25	0.0138	0.01444	0.01249	2.05E-04	1.02E-06	3.25E-04	0.000531	2.10E-04	1.00E-06	3.61E-04	0.000572	1.99E-04	1.27E-06	6.94E-04	8.95E-04
3745	483863.09	3851877.25	0.01199	0.01173	0.01088	1.78E-04	8.28E-07	2.83E-04	0.000462	1.82E-04	8.15E-07	3.15E-04	0.000498	1.73E-04	1.03E-06	6.05E-04	7.79E-04
3746	484363.09	3851877.25	0.01289	0.01156	0.01173	1.92E-04	8.16E-07	3.05E-04	0.000498	1.96E-04	8.03E-07	3.39E-04	0.000536	1.86E-04	1.02E-06	6.52E-04	8.39E-04
3747	484863.09	3851877.25	0.01144	0.01099	0.01054	1.70E-04	7.76E-07	2.74E-04	0.000445	1.74E-04	7.64E-07	3.05E-04	0.00048	1.65E-04	9.70E-07	5.86E-04	7.52E-04
3748	485363.09	3851877.25	0.01183	0.01115	0.01094	1.76E-04	7.87E-07	2.85E-04	0.000461	1.80E-04	7.75E-07	3.17E-04	0.000497	1.71E-04	9.84E-07	6.08E-04	7.80E-04
3749	485863.09	3851877.25	0.01221	0.01301	0.01131	1.82E-04	9.19E-07	2.94E-04	0.000477	1.86E-04	9.04E-07	3.27E-04	0.000514	1.76E-04	1.15E-06	6.28E-04	8.06E-04
3750	486363.09	3851877.25	0.01108	0.01273	0.01058	1.65E-04	8.99E-07	2.75E-04	0.000441	1.69E-04	8.85E-07	3.06E-04	0.000476	1.60E-04	1.12E-06	5.88E-04	7.49E-04
3751	486863.09	3851877.25	0.01126	0.01348	0.01107	1.68E-04	9.52E-07	2.88E-04	0.000457	1.71E-04	9.37E-07	3.20E-04	0.000493	1.63E-04	1.19E-06	6.15E-04	7.79E-04
3752	487363.09	3851877.25	0.0115	0.01375	0.01158	1.71E-04	9.71E-07	3.01E-04	0.000473	1.75E-04	9.56E-07	3.35E-04	0.000511	1.66E-04	1.21E-06	6.43E-04	8.11E-04
3753	487863.09	3851877.25	0.01075	0.01378	0.01114	1.60E-04	9.73E-07	2.90E-04	0.000451	1.63E-04	9.58E-07	3.22E-04	0.000487	1.55E-04	1.22E-06	6.19E-04	7.76E-04
3754	488363.09	3851877.25	0.01141	0.01631	0.01195	1.70E-04	1.15E-06	3.11E-04	0.000482	1.74E-04	1.13E-06	3.46E-04	0.00052	1.65E-04	1.44E-06	6.64E-04	8.30E-04
3755	488863.09	3851877.25	0.0115	0.01757	0.01218	1.71E-04	1.24E-06	3.17E-04	0.000489	1.75E-04	1.22E-06	3.52E-04	0.000529	1.66E-04	1.55E-06	6.77E-04	8.45E-04
3756	489363.09	3851877.25	0.01169	0.01838	0.01247	1.74E-04	1.30E-06	3.24E-04	0.0005	1.78E-04	1.28E-06	3.61E-04	0.00054	1.69E-04	1.62E-06	6.93E-04	8.63E-04

3757	489863.09	3851877.25	0.01211	0.01936	0.01292	1.80E-04	1.37E-06	3.36E-04	0.000518	1.84E-04	1.35E-06	3.74E-04	0.000559	1.75E-04	1.71E-06	7.18E-04	8.95E-04
3758	490363.09	3851877.25	0.01279	0.0205	0.01361	1.90E-04	1.45E-06	3.54E-04	0.000546	1.95E-04	1.42E-06	3.94E-04	0.00059	1.85E-04	1.81E-06	7.56E-04	9.43E-04
3759	490863.09	3851877.25	0.01353	0.02174	0.01437	2.01E-04	1.54E-06	3.74E-04	0.000577	2.06E-04	1.51E-06	4.16E-04	0.000623	1.96E-04	1.92E-06	7.98E-04	9.96E-04
3760	491363.09	3851877.25	0.0143	0.02278	0.01517	2.13E-04	1.61E-06	3.95E-04	0.000609	2.17E-04	1.58E-06	4.39E-04	0.000658	2.07E-04	2.01E-06	8.43E-04	1.05E-03
3761	491863.09	3851877.25	0.01483	0.02296	0.01572	2.21E-04	1.62E-06	4.09E-04	0.000631	2.26E-04	1.60E-06	4.55E-04	0.000682	2.14E-04	2.03E-06	8.74E-04	1.09E-03
3762	492363.09	3851877.25	0.0146	0.022	0.01546	2.17E-04	1.55E-06	4.02E-04	0.000621	2.22E-04	1.53E-06	4.47E-04	0.000671	2.11E-04	1.94E-06	8.59E-04	1.07E-03
3763	492863.09	3851877.25	0.01295	0.01916	0.01378	1.93E-04	1.35E-06	3.58E-04	0.000553	1.97E-04	1.33E-06	3.99E-04	0.000597	1.87E-04	1.69E-06	7.66E-04	9.55E-04
3764	493363.09	3851877.25	0.01529	0.0219	0.01616	2.28E-04	1.55E-06	4.20E-04	0.00065	2.33E-04	1.52E-06	4.68E-04	0.000702	2.21E-04	1.93E-06	8.98E-04	1.12E-03
3765	493863.09	3851877.25	0.01785	0.02487	0.01877	2.66E-04	1.76E-06	4.88E-04	0.000756	2.71E-04	1.73E-06	5.43E-04	0.000816	2.58E-04	2.19E-06	1.04E-03	1.30E-03
3766	494363.09	3851877.25	0.01744	0.02393	0.01832	2.60E-04	1.69E-06	4.77E-04	0.000738	2.65E-04	1.66E-06	5.30E-04	0.000797	2.52E-04	2.11E-06	1.02E-03	1.27E-03
3767	494863.09	3851877.25	0.0191	0.02577	0.02003	2.84E-04	1.82E-06	5.21E-04	0.000807	2.90E-04	1.79E-06	5.80E-04	0.000872	2.76E-04	2.27E-06	1.11E-03	1.39E-03
3768	495363.09	3851877.25	0.02016	0.02685	0.02114	3.00E-04	1.90E-06	5.50E-04	0.000852	3.07E-04	1.87E-06	6.12E-04	0.00092	2.91E-04	2.37E-06	1.17E-03	1.47E-03
3769	495863.09	3851877.25	0.02075	0.02735	0.02178	3.09E-04	1.93E-06	5.67E-04	0.000877	3.16E-04	1.90E-06	6.30E-04	0.000948	3.00E-04	2.41E-06	1.21E-03	1.51E-03
3770	496363.09	3851877.25	0.02049	0.02653	0.02152	3.05E-04	1.87E-06	5.60E-04	0.000867	3.12E-04	1.84E-06	6.23E-04	0.000936	2.96E-04	2.34E-06	1.20E-03	1.49E-03
3771	496863.09	3851877.25	0.02005	0.02545	0.02111	2.98E-04	1.80E-06	5.49E-04	0.000849	3.05E-04	1.77E-06	6.11E-04	0.000918	2.90E-04	2.25E-06	1.17E-03	1.46E-03
3772	497363.09	3851877.25	0.01948	0.0243	0.02052	2.90E-04	1.72E-06	5.34E-04	0.000826	2.96E-04	1.69E-06	5.94E-04	0.000892	2.81E-04	2.14E-06	1.14E-03	1.42E-03
3773	497863.09	3851877.25	0.01828	0.02251	0.01927	2.72E-04	1.59E-06	5.01E-04	0.000775	2.78E-04	1.56E-06	5.58E-04	0.000837	2.64E-04	1.99E-06	1.07E-03	1.34E-03
3774	498363.09	3851877.25	0.0172	0.02098	0.01815	2.56E-04	1.48E-06	4.72E-04	0.00073	2.62E-04	1.46E-06	5.25E-04	0.000788	2.49E-04	1.85E-06	1.01E-03	1.26E-03
3775	471363.09	3852377.25	0.00622	0.00708	0.00637	9.26E-05	5.00E-07	1.66E-04	0.000259	9.46E-05	4.92E-07	1.84E-04	0.000279	8.99E-05	6.25E-07	3.54E-04	4.44E-04
3776	471863.09	3852377.25	0.00711	0.00808	0.00727	1.06E-04	5.71E-07	1.89E-04	0.000296	1.08E-04	5.62E-07	2.10E-04	0.000319	1.03E-04	7.13E-07	4.04E-04	5.07E-04
3777	472363.09	3852377.25	0.00775	0.00871	0.00795	1.15E-04	6.15E-07	2.07E-04	0.000323	1.18E-04	6.05E-07	2.30E-04	0.000349	1.12E-04	7.69E-07	4.42E-04	5.55E-04
3778	472863.09	3852377.25	0.00827	0.00919	0.00846	1.23E-04	6.49E-07	2.20E-04	0.000344	1.26E-04	6.39E-07	2.45E-04	0.000371	1.20E-04	8.11E-07	4.70E-04	5.90E-04
3779	473363.09	3852377.25	0.00856	0.00928	0.00874	1.27E-04	6.55E-07	2.27E-04	0.000355	1.30E-04	6.45E-07	2.53E-04	0.000384	1.24E-04	8.19E-07	4.86E-04	6.10E-04
3780	473863.09	3852377.25	0.00869	0.00922	0.00886	1.29E-04	6.51E-07	2.31E-04	0.000361	1.32E-04	6.41E-07	2.56E-04	0.000389	1.26E-04	8.14E-07	4.92E-04	6.19E-04
3781	474363.09	3852377.25	0.00897	0.00952	0.00912	1.34E-04	6.72E-07	2.37E-04	0.000371	1.36E-04	6.62E-07	2.64E-04	0.000401	1.30E-04	8.40E-07	5.07E-04	6.37E-04
3782	474863.09	3852377.25	0.01154	0.01296	0.01166	1.72E-04	9.15E-07	3.03E-04	0.000476	1.76E-04	9.01E-07	3.37E-04	0.000514	1.67E-04	1.14E-06	6.48E-04	8.16E-04
3783	475363.09	3852377.25	0.01204	0.01443	0.01211	1.79E-04	1.02E-06	3.15E-04	0.000495	1.83E-04	1.00E-06	3.50E-04	0.000535	1.74E-04	1.27E-06	6.73E-04	8.48E-04
3784	475863.09	3852377.25	0.01236	0.01551	0.0124	1.84E-04	1.10E-06	3.23E-04	0.000508	1.88E-04	1.08E-06	3.59E-04	0.000548	1.79E-04	1.37E-06	6.89E-04	8.69E-04
3785	476363.09	3852377.25	0.01237	0.01532	0.0124	1.84E-04	1.08E-06	3.23E-04	0.000508	1.88E-04	1.06E-06	3.59E-04	0.000548	1.79E-04	1.35E-06	6.89E-04	8.69E-04
3786	476863.09	3852377.25	0.01342	0.01563	0.01346	2.00E-04	1.10E-06	3.50E-04	0.000551	2.04E-04	1.09E-06	3.89E-04	0.000595	1.94E-04	1.38E-06	7.48E-04	9.43E-04
3787	477363.09	3852377.25	0.01419	0.0155	0.01428	2.11E-04	1.09E-06	3.72E-04	0.000584	2.16E-04	1.08E-06	4.13E-04	0.00063	2.05E-04	1.37E-06	7.93E-04	1.00E-03
3788	477863.09	3852377.25	0.01284	0.01356	0.01298	1.91E-04	9.57E-07	3.38E-04	0.00053	1.95E-04	9.42E-07	3.76E-04	0.000572	1.86E-04	1.20E-06	7.21E-04	9.08E-04
3789	478363.09	3852377.25	0.01222	0.01303	0.01229	1.82E-04	9.20E-07	3.20E-04	0.000503	1.86E-04	9.06E-07	3.56E-04	0.000542	1.77E-04	1.15E-06	6.83E-04	8.61E-04
3790	478863.09	3852377.25	0.01653	0.01884	0.01638	2.46E-04	1.33E-06	4.26E-04	0.000674	2.51E-04	1.31E-06	4.74E-04	0.000727	2.39E-04	1.66E-06	9.10E-04	1.15E-03
3791	479363.09	3852377.25	0.01972	0.02322	0.01939	2.94E-04	1.64E-06	5.04E-04	0.0008	3.00E-04	1.61E-06	5.61E-04	0.000863	2.85E-04	2.05E-06	1.08E-03	1.36E-03
3792	479863.09	3852377.25	0.02494	0.03065	0.02457	3.71E-04	2.16E-06	6.39E-04	0.001013	3.79E-04	2.13E-06	7.11E-04	0.001092	3.60E-04	2.70E-06	1.37E-03	1.73E-03
3793	480363.09	3852377.25	0.02922	0.03423	0.02733	4.35E-04	2.42E-06	7.11E-04	0.001148	4.44E-04	2.38E-06	7.91E-04	0.001238	4.22E-04	3.02E-06	1.52E-03	1.94E-03
3794	480863.09	3852377.25	0.03496	0.04034	0.03267	5.20E-04	2.85E-06	8.50E-04	0.001373	5.32E-04	2.80E-06	9.45E-04	0.00148	5.05E-04	3.56E-06	1.82E-03	2.32E-03
3795	481363.09	3852377.25	0.04161	0.05102	0.03978	6.19E-04	3.60E-06	1.03E-03	0.001658	6.33E-04	3.55E-06	1.15E-03	0.001788	6.01E-04	4.50E-06	2.21E-03	2.82E-03
3796	481863.09	3852377.25	0.04238	0.04747	0.03871	6.31E-04	3.35E-06	1.01E-03	0.001641	6.45E-04	3.30E-06	1.12E-03	0.001768	6.12E-04	4.19E-06	2.15E-03	2.77E-03
3797	482363.09	3852377.25	0.03729	0.0424	0.03357	5.55E-04	2.99E-06	8.73E-04	0.001431	5.67E-04	2.95E-06	9.71E-04	0.001542	5.39E-04	3.74E-06	1.87E-03	2.41E-03
3798	482863.09	3852377.25	0.03029	0.0312	0.02815	4.51E-04	2.20E-06	7.32E-04	0.001185	4.61E-04	2.17E-06	8.15E-04	0.001277	4.38E-04	2.75E-06	1.56E-03	2.00E-03
3799	483363.09	3852377.25	0.02048	0.02194	0.01846	3.05E-04	1.55E-06	4.80E-04	0.000787	3.11E-04	1.52E-06	5.34E-04	0.000847	2.96E-04	1.94E-06	1.03E-03	1.32E-03
3800	483863.09	3852377.25	0.01605	0.01554	0.01446	2.39E-04	1.10E-06	3.76E-04	0.000616	2.44E-04	1.08E-06	4.18E-04	0.000664	2.32E-04	1.37E-06	8.03E-04	1.04E-03
3801	484363.09	3852377.25	0.01772	0.01644	0.01612	2.64E-04	1.16E-06	4.19E-04	0.000684	2.69E-04	1.14E-06	4.66E-04	0.000737	2.56E-04	1.45E-06	8.96E-04	1.15E-03
3802	484863.09	3852377.25	0.01893	0.017	0.01716	2.82E-04	1.20E-06	4.46E-04	0.000729	2.88E-04	1.18E-06	4.97E-04	0.000786	2.74E-04	1.50E-06	9.54E-04	1.23E-03
3803	485363.09	3852377.25	0.02018	0.01978	0.01833	3.00E-04	1.40E-06	4.77E-04	0.000779	3.07E-04	1.37E-06	5.30E-04	0.000839	2.92E-04	1.75E-06	1.02E-03	1.31E-03

3804	485863.09	3852377.25	0.01844	0.02024	0.0174	2.74E-04	1.43E-06	4.53E-04	0.000729	2.80E-04	1.41E-06	5.04E-04	0.000785	2.66E-04	1.79E-06	9.67E-04	1.24E-03
3805	486363.09	3852377.25	0.01591	0.01828	0.01571	2.37E-04	1.29E-06	4.09E-04	0.000647	2.42E-04	1.27E-06	4.55E-04	0.000698	2.30E-04	1.61E-06	8.73E-04	1.10E-03
3806	486863.09	3852377.25	0.01576	0.01914	0.01609	2.35E-04	1.35E-06	4.19E-04	0.000655	2.40E-04	1.33E-06	4.66E-04	0.000707	2.28E-04	1.69E-06	8.94E-04	1.12E-03
3807	487363.09	3852377.25	0.01535	0.02068	0.01602	2.28E-04	1.46E-06	4.17E-04	0.000647	2.33E-04	1.44E-06	4.64E-04	0.000698	2.22E-04	1.82E-06	8.90E-04	1.11E-03
3808	487863.09	3852377.25	0.01517	0.02253	0.01606	2.26E-04	1.59E-06	4.18E-04	0.000645	2.31E-04	1.57E-06	4.65E-04	0.000697	2.19E-04	1.99E-06	8.92E-04	1.11E-03
3809	488363.09	3852377.25	0.015	0.02429	0.01604	2.23E-04	1.72E-06	4.17E-04	0.000642	2.28E-04	1.69E-06	4.64E-04	0.000694	2.17E-04	2.14E-06	8.91E-04	1.11E-03
3810	488863.09	3852377.25	0.01471	0.02457	0.01582	2.19E-04	1.73E-06	4.12E-04	0.000632	2.24E-04	1.71E-06	4.58E-04	0.000683	2.13E-04	2.17E-06	8.79E-04	1.09E-03
3811	489363.09	3852377.25	0.01477	0.02499	0.01588	2.20E-04	1.76E-06	4.13E-04	0.000635	2.25E-04	1.74E-06	4.60E-04	0.000686	2.13E-04	2.20E-06	8.82E-04	1.10E-03
3812	489863.09	3852377.25	0.01422	0.02405	0.01529	2.12E-04	1.70E-06	3.98E-04	0.000611	2.16E-04	1.67E-06	4.42E-04	0.00066	2.05E-04	2.12E-06	8.50E-04	1.06E-03
3813	490363.09	3852377.25	0.01599	0.02642	0.01705	2.38E-04	1.87E-06	4.44E-04	0.000683	2.43E-04	1.84E-06	4.93E-04	0.000738	2.31E-04	2.33E-06	9.47E-04	1.18E-03
3814	490863.09	3852377.25	0.01742	0.02817	0.01849	2.59E-04	1.99E-06	4.81E-04	0.000742	2.65E-04	1.96E-06	5.35E-04	0.000802	2.52E-04	2.49E-06	1.03E-03	1.28E-03
3815	491363.09	3852377.25	0.02041	0.03183	0.02155	3.04E-04	2.25E-06	5.61E-04	0.000867	3.10E-04	2.21E-06	6.24E-04	0.000936	2.95E-04	2.81E-06	1.20E-03	1.50E-03
3816	491863.09	3852377.25	0.02112	0.03196	0.02226	3.14E-04	2.26E-06	5.79E-04	0.000896	3.21E-04	2.22E-06	6.44E-04	0.000968	3.05E-04	2.82E-06	1.24E-03	1.54E-03
3817	492363.09	3852377.25	0.02144	0.03171	0.02256	3.19E-04	2.24E-06	5.87E-04	0.000908	3.26E-04	2.20E-06	6.53E-04	0.000981	3.10E-04	2.80E-06	1.25E-03	1.57E-03
3818	492863.09	3852377.25	0.02275	0.03271	0.02387	3.39E-04	2.31E-06	6.21E-04	0.000962	3.46E-04	2.27E-06	6.91E-04	0.001039	3.29E-04	2.89E-06	1.33E-03	1.66E-03
3819	493363.09	3852377.25	0.02501	0.0349	0.02615	3.72E-04	2.46E-06	6.80E-04	0.001055	3.80E-04	2.43E-06	7.57E-04	0.00114	3.61E-04	3.08E-06	1.45E-03	1.82E-03
3820	493863.09	3852377.25	0.0248	0.03395	0.02592	3.69E-04	2.40E-06	6.74E-04	0.001046	3.77E-04	2.36E-06	7.50E-04	0.00113	3.58E-04	3.00E-06	1.44E-03	1.80E-03
3821	494363.09	3852377.25	0.02464	0.03315	0.02578	3.67E-04	2.34E-06	6.71E-04	0.00104	3.75E-04	2.30E-06	7.46E-04	0.001123	3.56E-04	2.92E-06	1.43E-03	1.79E-03
3822	494863.09	3852377.25	0.02579	0.03408	0.02698	3.84E-04	2.41E-06	7.02E-04	0.001088	3.92E-04	2.37E-06	7.81E-04	0.001175	3.73E-04	3.01E-06	1.50E-03	1.87E-03
3823	495363.09	3852377.25	0.02693	0.03488	0.02819	4.01E-04	2.46E-06	7.33E-04	0.001137	4.10E-04	2.42E-06	8.16E-04	0.001228	3.89E-04	3.08E-06	1.57E-03	1.96E-03
3824	495863.09	3852377.25	0.02594	0.03286	0.02721	3.86E-04	2.32E-06	7.08E-04	0.001096	3.95E-04	2.28E-06	7.87E-04	0.001184	3.75E-04	2.90E-06	1.51E-03	1.89E-03
3825	496363.09	3852377.25	0.02488	0.03098	0.02613	3.70E-04	2.19E-06	6.80E-04	0.001052	3.78E-04	2.15E-06	7.56E-04	0.001137	3.60E-04	2.73E-06	1.45E-03	1.81E-03
3826	496863.09	3852377.25	0.02417	0.02969	0.02538	3.60E-04	2.10E-06	6.60E-04	0.001022	3.68E-04	2.06E-06	7.34E-04	0.001104	3.49E-04	2.62E-06	1.41E-03	1.76E-03
3827	497363.09	3852377.25	0.0221	0.02697	0.02322	3.29E-04	1.90E-06	6.04E-04	0.000935	3.36E-04	1.87E-06	6.72E-04	0.00101	3.19E-04	2.38E-06	1.29E-03	1.61E-03
3828	497863.09	3852377.25	0.02012	0.02445	0.02116	2.99E-04	1.73E-06	5.50E-04	0.000852	3.06E-04	1.70E-06	6.12E-04	0.00092	2.91E-04	2.16E-06	1.18E-03	1.47E-03
3829	498363.09	3852377.25	0.01835	0.02212	0.0193	2.73E-04	1.56E-06	5.02E-04	0.000777	2.79E-04	1.54E-06	5.58E-04	0.000839	2.65E-04	1.95E-06	1.07E-03	1.34E-03
3830	471363.09	3852877.25	0.00649	0.00683	0.00668	9.66E-05	4.82E-07	1.74E-04	0.000271	9.87E-05	4.75E-07	1.93E-04	0.000292	9.38E-05	6.03E-07	3.71E-04	4.66E-04
3831	471863.09	3852877.25	0.00724	0.00779	0.00741	1.08E-04	5.50E-07	1.93E-04	0.000301	1.10E-04	5.41E-07	2.14E-04	0.000325	1.05E-04	6.87E-07	4.12E-04	5.17E-04
3832	472363.09	3852877.25	0.00804	0.00889	0.00824	1.20E-04	6.28E-07	2.14E-04	0.000335	1.22E-04	6.18E-07	2.38E-04	0.000361	1.16E-04	7.84E-07	4.58E-04	5.75E-04
3833	472863.09	3852877.25	0.00874	0.00992	0.00891	1.30E-04	7.00E-07	2.32E-04	0.000363	1.33E-04	6.89E-07	2.58E-04	0.000391	1.26E-04	8.75E-07	4.95E-04	6.22E-04
3834	473363.09	3852877.25	0.00949	0.01095	0.00964	1.41E-04	7.73E-07	2.51E-04	0.000393	1.44E-04	7.61E-07	2.79E-04	0.000424	1.37E-04	9.66E-07	5.36E-04	6.74E-04
3835	473863.09	3852877.25	0.01041	0.01225	0.01059	1.55E-04	8.65E-07	2.76E-04	0.000431	1.58E-04	8.51E-07	3.06E-04	0.000466	1.50E-04	1.08E-06	5.88E-04	7.40E-04
3836	474363.09	3852877.25	0.01135	0.01332	0.01152	1.69E-04	9.41E-07	3.00E-04	0.00047	1.73E-04	9.26E-07	3.33E-04	0.000507	1.64E-04	1.18E-06	6.40E-04	8.05E-04
3837	474863.09	3852877.25	0.01065	0.01207	0.01082	1.59E-04	8.52E-07	2.81E-04	0.000441	1.62E-04	8.39E-07	3.13E-04	0.000476	1.54E-04	1.06E-06	6.01E-04	7.56E-04
3838	475363.09	3852877.25	0.0118	0.01306	0.01196	1.76E-04	9.22E-07	3.11E-04	0.000488	1.79E-04	9.08E-07	3.46E-04	0.000526	1.71E-04	1.15E-06	6.65E-04	8.36E-04
3839	475863.09	3852877.25	0.01228	0.01342	0.01243	1.83E-04	9.48E-07	3.23E-04	0.000507	1.87E-04	9.33E-07	3.60E-04	0.000547	1.77E-04	1.18E-06	6.91E-04	8.69E-04
3840	476363.09	3852877.25	0.01174	0.01311	0.01187	1.75E-04	9.26E-07	3.09E-04	0.000484	1.79E-04	9.11E-07	3.43E-04	0.000523	1.70E-04	1.16E-06	6.60E-04	8.30E-04
3841	476863.09	3852877.25	0.01051	0.01227	0.01061	1.56E-04	8.66E-07	2.76E-04	0.000433	1.60E-04	8.53E-07	3.07E-04	0.000468	1.52E-04	1.08E-06	5.90E-04	7.43E-04
3842	477363.09	3852877.25	0.00976	0.01192	0.00987	1.45E-04	8.42E-07	2.57E-04	0.000403	1.48E-04	8.28E-07	2.86E-04	0.000435	1.41E-04	1.05E-06	5.48E-04	6.91E-04
3843	477863.09	3852877.25	0.00896	0.01102	0.00916	1.33E-04	7.78E-07	2.38E-04	0.000372	1.36E-04	7.66E-07	2.65E-04	0.000402	1.29E-04	9.72E-07	5.09E-04	6.39E-04
3844	478363.09	3852877.25	0.00737	0.00907	0.00772	1.10E-04	6.40E-07	2.01E-04	0.000311	1.12E-04	6.30E-07	2.23E-04	0.000336	1.06E-04	8.00E-07	4.29E-04	5.36E-04
3845	478863.09	3852877.25	0.00876	0.01002	0.00914	1.30E-04	7.07E-07	2.38E-04	0.000369	1.33E-04	6.96E-07	2.64E-04	0.000398	1.27E-04	8.84E-07	5.08E-04	6.35E-04
3846	479363.09	3852877.25	0.01238	0.01382	0.0126	1.84E-04	9.76E-07	3.28E-04	0.000513	1.88E-04	9.61E-07	3.65E-04	0.000554	1.79E-04	1.22E-06	7.00E-04	8.80E-04
3847	479863.09	3852877.25	0.02384	0.028	0.02353	3.55E-04	1.98E-06	6.12E-04	0.000969	3.63E-04	1.95E-06	6.81E-04	0.001045	3.44E-04	2.47E-06	1.31E-03	1.65E-03
3848	480363.09	3852877.25	0.03442	0.0442	0.03394	5.12E-04	3.12E-06	8.83E-04	0.001398	5.23E-04	3.07E-06	9.82E-04	0.001509	4.97E-04	3.90E-06	1.89E-03	2.39E-03
3849	480863.09	3852877.25	0.03708	0.04592	0.03559	5.52E-04	3.24E-06	9.26E-04	0.001481	5.64E-04	3.19E-06	1.03E-03	0.001597	5.36E-04	4.05E-06	1.98E-03	2.52E-03
3850	481363.09	3852877.25	0.04686	0.05514	0.04404	6.98E-04	3.89E-06	1.15E-03	0.001847	7.13E-04	3.83E-06	1.27E-03	0.001991	6.77E-04	4.87E-06	2.45E-03	3.13E-03

3851	481863.09	3852877.25	0.05656	0.07042	0.05387	8.42E-04	4.97E-06	1.40E-03	0.002248	8.60E-04	4.89E-06	1.56E-03	0.002424	8.17E-04	6.21E-06	2.99E-03	3.82E-03
3852	482363.09	3852877.25	0.05742	0.06502	0.05077	8.55E-04	4.59E-06	1.32E-03	0.00218	8.73E-04	4.52E-06	1.47E-03	0.002347	8.30E-04	5.74E-06	2.82E-03	3.66E-03
3853	482863.09	3852877.25	0.05209	0.05489	0.04626	7.75E-04	3.88E-06	1.20E-03	0.001983	7.92E-04	3.82E-06	1.34E-03	0.002135	7.53E-04	4.84E-06	2.57E-03	3.33E-03
3854	483363.09	3852877.25	0.03996	0.04531	0.03547	5.95E-04	3.20E-06	9.23E-04	0.001521	6.08E-04	3.15E-06	1.03E-03	0.001637	5.77E-04	4.00E-06	1.97E-03	2.55E-03
3855	483863.09	3852877.25	0.02607	0.0236	0.0225	3.88E-04	1.67E-06	5.85E-04	0.000975	3.96E-04	1.64E-06	6.51E-04	0.001049	3.77E-04	2.08E-06	1.25E-03	1.63E-03
3856	484363.09	3852877.25	0.031	0.02666	0.02678	4.61E-04	1.88E-06	6.97E-04	0.00116	4.71E-04	1.85E-06	7.75E-04	0.001248	4.48E-04	2.35E-06	1.49E-03	1.94E-03
3857	484863.09	3852877.25	0.033	0.02863	0.02953	4.91E-04	2.02E-06	7.68E-04	0.001261	5.02E-04	1.99E-06	8.55E-04	0.001358	4.77E-04	2.53E-06	1.64E-03	2.12E-03
3858	485363.09	3852877.25	0.02403	0.02364	0.02288	3.58E-04	1.67E-06	5.95E-04	0.000955	3.65E-04	1.64E-06	6.62E-04	0.001029	3.47E-04	2.09E-06	1.27E-03	1.62E-03
3859	485863.09	3852877.25	0.02234	0.02455	0.02248	3.33E-04	1.73E-06	5.85E-04	0.000919	3.40E-04	1.71E-06	6.51E-04	0.000992	3.23E-04	2.17E-06	1.25E-03	1.57E-03
3860	486363.09	3852877.25	0.02082	0.026	0.0219	3.10E-04	1.84E-06	5.70E-04	0.000881	3.17E-04	1.81E-06	6.34E-04	0.000952	3.01E-04	2.29E-06	1.22E-03	1.52E-03
3861	486863.09	3852877.25	0.02134	0.03055	0.02283	3.18E-04	2.16E-06	5.94E-04	0.000914	3.25E-04	2.12E-06	6.61E-04	0.000987	3.08E-04	2.70E-06	1.27E-03	1.58E-03
3862	487363.09	3852877.25	0.02088	0.03354	0.02255	3.11E-04	2.37E-06	5.87E-04	0.0009	3.18E-04	2.33E-06	6.53E-04	0.000972	3.02E-04	2.96E-06	1.25E-03	1.56E-03
3863	487863.09	3852877.25	0.02079	0.03578	0.02248	3.09E-04	2.53E-06	5.85E-04	0.000897	3.16E-04	2.49E-06	6.51E-04	0.000969	3.00E-04	3.16E-06	1.25E-03	1.55E-03
3864	488363.09	3852877.25	0.01698	0.03082	0.01858	2.53E-04	2.18E-06	4.83E-04	0.000738	2.58E-04	2.14E-06	5.38E-04	0.000798	2.45E-04	2.72E-06	1.03E-03	1.28E-03
3865	488863.09	3852877.25	0.01887	0.03376	0.02042	2.81E-04	2.38E-06	5.31E-04	0.000815	2.87E-04	2.35E-06	5.91E-04	0.00088	2.73E-04	2.98E-06	1.13E-03	1.41E-03
3866	489363.09	3852877.25	0.01983	0.0348	0.02133	2.95E-04	2.46E-06	5.55E-04	0.000853	3.02E-04	2.42E-06	6.17E-04	0.000921	2.87E-04	3.07E-06	1.19E-03	1.47E-03
3867	489863.09	3852877.25	0.02061	0.03504	0.02203	3.07E-04	2.47E-06	5.73E-04	0.000882	3.13E-04	2.44E-06	6.37E-04	0.000953	2.98E-04	3.09E-06	1.22E-03	1.53E-03
3868	490363.09	3852877.25	0.02563	0.04202	0.02703	3.81E-04	2.97E-06	7.03E-04	0.001088	3.90E-04	2.92E-06	7.82E-04	0.001175	3.70E-04	3.71E-06	1.50E-03	1.88E-03
3869	490863.09	3852877.25	0.02802	0.04451	0.02942	4.17E-04	3.14E-06	7.65E-04	0.001186	4.26E-04	3.09E-06	8.51E-04	0.001281	4.05E-04	3.93E-06	1.63E-03	2.04E-03
3870	491363.09	3852877.25	0.02992	0.04581	0.0313	4.45E-04	3.23E-06	8.14E-04	0.001263	4.55E-04	3.18E-06	9.06E-04	0.001364	4.32E-04	4.04E-06	1.74E-03	2.18E-03
3871	491863.09	3852877.25	0.03053	0.04521	0.0319	4.54E-04	3.19E-06	8.30E-04	0.001288	4.64E-04	3.14E-06	9.23E-04	0.001391	4.41E-04	3.99E-06	1.77E-03	2.22E-03
3872	492363.09	3852877.25	0.03138	0.04482	0.03274	4.67E-04	3.16E-06	8.52E-04	0.001322	4.77E-04	3.12E-06	9.47E-04	0.001428	4.53E-04	3.95E-06	1.82E-03	2.28E-03
3873	492863.09	3852877.25	0.03342	0.04617	0.03479	4.97E-04	3.26E-06	9.05E-04	0.001406	5.08E-04	3.21E-06	1.01E-03	0.001518	4.83E-04	4.07E-06	1.93E-03	2.42E-03
3874	493363.09	3852877.25	0.0347	0.04676	0.03613	5.17E-04	3.30E-06	9.40E-04	0.00146	5.28E-04	3.25E-06	1.05E-03	0.001576	5.01E-04	4.13E-06	2.01E-03	2.51E-03
3875	493863.09	3852877.25	0.03428	0.04532	0.03569	5.10E-04	3.20E-06	9.29E-04	0.001442	5.21E-04	3.15E-06	1.03E-03	0.001557	4.95E-04	4.00E-06	1.98E-03	2.48E-03
3876	494363.09	3852877.25	0.03393	0.04412	0.03538	5.05E-04	3.12E-06	9.20E-04	0.001429	5.16E-04	3.07E-06	1.02E-03	0.001543	4.90E-04	3.89E-06	1.97E-03	2.46E-03
3877	494863.09	3852877.25	0.03413	0.04343	0.03564	5.08E-04	3.07E-06	9.27E-04	0.001438	5.19E-04	3.02E-06	1.03E-03	0.001553	4.93E-04	3.83E-06	1.98E-03	2.48E-03
3878	495363.09	3852877.25	0.03236	0.04042	0.03382	4.82E-04	2.85E-06	8.80E-04	0.001364	4.92E-04	2.81E-06	9.79E-04	0.001474	4.68E-04	3.57E-06	1.88E-03	2.35E-03
3879	495863.09	3852877.25	0.03063	0.03777	0.03204	4.56E-04	2.67E-06	8.34E-04	0.001292	4.66E-04	2.63E-06	9.27E-04	0.001396	4.43E-04	3.33E-06	1.78E-03	2.23E-03
3880	496363.09	3852877.25	0.03001	0.03664	0.03142	4.47E-04	2.59E-06	8.17E-04	0.001267	4.56E-04	2.55E-06	9.09E-04	0.001368	4.34E-04	3.23E-06	1.75E-03	2.18E-03
3881	496863.09	3852877.25	0.02866	0.03465	0.03003	4.27E-04	2.45E-06	7.81E-04	0.00121	4.36E-04	2.41E-06	8.69E-04	0.001307	4.14E-04	3.06E-06	1.67E-03	2.09E-03
3882	497363.09	3852877.25	0.02488	0.02972	0.02606	3.70E-04	2.10E-06	6.78E-04	0.00105	3.78E-04	2.07E-06	7.54E-04	0.001135	3.60E-04	2.62E-06	1.45E-03	1.81E-03
3883	497863.09	3852877.25	0.01952	0.02296	0.02047	2.91E-04	1.62E-06	5.33E-04	0.000825	2.97E-04	1.60E-06	5.92E-04	0.000891	2.82E-04	2.03E-06	1.14E-03	1.42E-03
3884	498363.09	3852877.25	0.01842	0.02134	0.01934	2.74E-04	1.51E-06	5.03E-04	0.000779	2.80E-04	1.48E-06	5.60E-04	0.000841	2.66E-04	1.88E-06	1.07E-03	1.34E-03
3885	471363.09	3853377.25	0.00671	0.00683	0.00688	9.99E-05	4.82E-07	1.79E-04	0.000279	1.02E-04	4.75E-07	1.99E-04	0.000302	9.70E-05	6.03E-07	3.82E-04	4.80E-04
3886	471863.09	3853377.25	0.00735	0.00748	0.00752	1.09E-04	5.28E-07	1.96E-04	0.000306	1.12E-04	5.20E-07	2.18E-04	0.00033	1.06E-04	6.60E-07	4.18E-04	5.25E-04
3887	472363.09	3853377.25	0.00803	0.0082	0.00824	1.20E-04	5.79E-07	2.14E-04	0.000334	1.22E-04	5.70E-07	2.38E-04	0.000361	1.16E-04	7.24E-07	4.58E-04	5.75E-04
3888	472863.09	3853377.25	0.00878	0.00905	0.00897	1.31E-04	6.39E-07	2.33E-04	0.000365	1.34E-04	6.29E-07	2.60E-04	0.000394	1.27E-04	7.99E-07	4.98E-04	6.26E-04
3889	473363.09	3853377.25	0.0094	0.00985	0.00958	1.40E-04	6.95E-07	2.49E-04	0.00039	1.43E-04	6.85E-07	2.77E-04	0.000421	1.36E-04	8.69E-07	5.32E-04	6.69E-04
3890	473863.09	3853377.25	0.01013	0.01083	0.01028	1.51E-04	7.65E-07	2.67E-04	0.000419	1.54E-04	7.53E-07	2.97E-04	0.000452	1.46E-04	9.56E-07	5.71E-04	7.19E-04
3891	474363.09	3853377.25	0.01082	0.01181	0.01101	1.61E-04	8.34E-07	2.86E-04	0.000448	1.65E-04	8.21E-07	3.19E-04	0.000484	1.56E-04	1.04E-06	6.12E-04	7.69E-04
3892	474863.09	3853377.25	0.01079	0.01198	0.0109	1.61E-04	8.46E-07	2.84E-04	0.000445	1.64E-04	8.33E-07	3.15E-04	0.00048	1.56E-04	1.06E-06	6.06E-04	7.63E-04
3893	475363.09	3853377.25	0.01096	0.01238	0.01106	1.63E-04	8.74E-07	2.88E-04	0.000452	1.67E-04	8.60E-07	3.20E-04	0.000488	1.58E-04	1.09E-06	6.15E-04	7.74E-04
3894	475863.09	3853377.25	0.01101	0.01257	0.01111	1.64E-04	8.88E-07	2.89E-04	0.000454	1.67E-04	8.74E-07	3.21E-04	0.00049	1.59E-04	1.11E-06	6.17E-04	7.78E-04
3895	476363.09	3853377.25	0.01021	0.01153	0.0103	1.52E-04	8.14E-07	2.68E-04	0.000421	1.55E-04	8.01E-07	2.98E-04	0.000454	1.48E-04	1.02E-06	5.72E-04	7.21E-04
3896	476863.09	3853377.25	0.00872	0.00976	0.0089	1.30E-04	6.89E-07	2.32E-04	0.000362	1.33E-04	6.78E-07	2.58E-04	0.000391	1.26E-04	8.61E-07	4.95E-04	6.21E-04
3897	477363.09	3853377.25	0.00864	0.00974	0.00887	1.29E-04	6.88E-07	2.31E-04	0.00036	1.31E-04	6.77E-07	2.57E-04	0.000389	1.25E-04	8.59E-07	4.93E-04	6.19E-04

3898	477863.09	3853377.25	0.00903	0.01045	0.00928	1.34E-04	7.38E-07	2.41E-04	0.000377	1.37E-04	7.26E-07	2.69E-04	0.000407	1.30E-04	9.22E-07	5.16E-04	6.47E-04
3899	478363.09	3853377.25	0.00811	0.00994	0.00847	1.21E-04	7.02E-07	2.20E-04	0.000342	1.23E-04	6.91E-07	2.45E-04	0.000369	1.17E-04	8.77E-07	4.71E-04	5.89E-04
3900	478863.09	3853377.25	0.00671	0.00873	0.00716	9.99E-05	6.16E-07	1.86E-04	0.000287	1.02E-04	6.07E-07	2.07E-04	0.00031	9.70E-05	7.70E-07	3.98E-04	4.96E-04
3901	479363.09	3853377.25	0.01076	0.01384	0.01117	1.60E-04	9.77E-07	2.91E-04	0.000452	1.64E-04	9.62E-07	3.23E-04	0.000488	1.55E-04	1.22E-06	6.21E-04	7.77E-04
3902	479863.09	3853377.25	0.01658	0.01925	0.01692	2.47E-04	1.36E-06	4.40E-04	0.000688	2.52E-04	1.34E-06	4.90E-04	0.000743	2.40E-04	1.70E-06	9.40E-04	1.18E-03
3903	480363.09	3853377.25	0.03194	0.03625	0.0322	4.75E-04	2.56E-06	8.38E-04	0.001316	4.86E-04	2.52E-06	9.32E-04	0.00142	4.62E-04	3.20E-06	1.79E-03	2.25E-03
3904	480863.09	3853377.25	0.03331	0.04014	0.0328	4.96E-04	2.83E-06	8.53E-04	0.001352	5.07E-04	2.79E-06	9.49E-04	0.001459	4.81E-04	3.54E-06	1.82E-03	2.31E-03
3905	481363.09	3853377.25	0.04942	0.06393	0.04894	7.36E-04	4.51E-06	1.27E-03	0.002013	7.52E-04	4.44E-06	1.42E-03	0.002172	7.14E-04	5.64E-06	2.72E-03	3.44E-03
3906	481863.09	3853377.25	0.07142	0.08326	0.06745	1.06E-03	5.88E-06	1.75E-03	0.002824	1.09E-03	5.79E-06	1.95E-03	0.003044	1.03E-03	7.35E-06	3.75E-03	4.79E-03
3907	482363.09	3853377.25	0.09516	0.1069	0.08405	1.42E-03	7.55E-06	2.19E-03	0.003611	1.45E-03	7.43E-06	2.43E-03	0.003887	1.38E-03	9.43E-06	4.67E-03	6.05E-03
3908	482863.09	3853377.25	0.11578	0.09504	0.07831	1.72E-03	6.71E-06	2.04E-03	0.003767	1.76E-03	6.61E-06	2.27E-03	0.004034	1.67E-03	8.39E-06	4.35E-03	6.03E-03
3909	483363.09	3853377.25	0.10015	0.07707	0.06369	1.49E-03	5.44E-06	1.66E-03	0.003153	1.52E-03	5.36E-06	1.84E-03	0.003372	1.45E-03	6.80E-06	3.54E-03	4.99E-03
3910	483863.09	3853377.25	0.07594	0.05476	0.05679	1.13E-03	3.87E-06	1.48E-03	0.002612	1.15E-03	3.81E-06	1.64E-03	0.002802	1.10E-03	4.83E-06	3.16E-03	4.26E-03
3911	484363.09	3853377.25	0.06825	0.05075	0.05966	1.02E-03	3.58E-06	1.55E-03	0.002572	1.04E-03	3.53E-06	1.73E-03	0.002768	9.86E-04	4.48E-06	3.32E-03	4.31E-03
3912	484863.09	3853377.25	0.04981	0.04144	0.04852	7.41E-04	2.93E-06	1.26E-03	0.002007	7.58E-04	2.88E-06	1.40E-03	0.002164	7.20E-04	3.66E-06	2.70E-03	3.42E-03
3913	485363.09	3853377.25	0.03384	0.03529	0.03624	5.04E-04	2.49E-06	9.43E-04	0.001449	5.15E-04	2.45E-06	1.05E-03	0.001566	4.89E-04	3.11E-06	2.01E-03	2.51E-03
3914	485863.09	3853377.25	0.02775	0.03706	0.0311	4.13E-04	2.62E-06	8.09E-04	0.001225	4.22E-04	2.58E-06	9.00E-04	0.001325	4.01E-04	3.27E-06	1.73E-03	2.13E-03
3915	486363.09	3853377.25	0.03007	0.04796	0.0336	4.48E-04	3.39E-06	8.74E-04	0.001325	4.57E-04	3.33E-06	9.72E-04	0.001433	4.35E-04	4.23E-06	1.87E-03	2.31E-03
3916	486863.09	3853377.25	0.03167	0.05658	0.03502	4.71E-04	4.00E-06	9.11E-04	0.001386	4.82E-04	3.93E-06	1.01E-03	0.001499	4.58E-04	4.99E-06	1.95E-03	2.41E-03
3917	487363.09	3853377.25	0.03456	0.06382	0.0376	5.14E-04	4.51E-06	9.78E-04	0.001497	5.26E-04	4.44E-06	1.09E-03	0.001618	4.99E-04	5.63E-06	2.09E-03	2.59E-03
3918	487863.09	3853377.25	0.0365	0.06809	0.0392	5.43E-04	4.81E-06	1.02E-03	0.001568	5.55E-04	4.73E-06	1.13E-03	0.001694	5.27E-04	6.01E-06	2.18E-03	2.71E-03
3919	488363.09	3853377.25	0.03899	0.07134	0.04139	5.80E-04	5.04E-06	1.08E-03	0.001662	5.93E-04	4.96E-06	1.20E-03	0.001796	5.63E-04	6.29E-06	2.30E-03	2.87E-03
3920	488863.09	3853377.25	0.03945	0.07004	0.04154	5.87E-04	4.95E-06	1.08E-03	0.001673	6.00E-04	4.87E-06	1.20E-03	0.001807	5.70E-04	6.18E-06	2.31E-03	2.88E-03
3921	489363.09	3853377.25	0.03968	0.06815	0.04159	5.91E-04	4.81E-06	1.08E-03	0.001677	6.03E-04	4.74E-06	1.20E-03	0.001812	5.73E-04	6.01E-06	2.31E-03	2.89E-03
3922	489863.09	3853377.25	0.03877	0.06452	0.04048	5.77E-04	4.56E-06	1.05E-03	0.001635	5.90E-04	4.48E-06	1.17E-03	0.001766	5.60E-04	5.69E-06	2.25E-03	2.82E-03
3923	490363.09	3853377.25	0.04105	0.06555	0.04274	6.11E-04	4.63E-06	1.11E-03	0.001728	6.24E-04	4.56E-06	1.24E-03	0.001866	5.93E-04	5.78E-06	2.37E-03	2.97E-03
3924	490863.09	3853377.25	0.04216	0.06446	0.04382	6.28E-04	4.55E-06	1.14E-03	0.001772	6.41E-04	4.48E-06	1.27E-03	0.001914	6.09E-04	5.69E-06	2.43E-03	3.05E-03
3925	491363.09	3853377.25	0.04322	0.06331	0.04487	6.43E-04	4.47E-06	1.17E-03	0.001815	6.57E-04	4.40E-06	1.30E-03	0.00196	6.25E-04	5.59E-06	2.49E-03	3.12E-03
3926	491863.09	3853377.25	0.04397	0.0618	0.04564	6.54E-04	4.36E-06	1.19E-03	0.001846	6.69E-04	4.30E-06	1.32E-03	0.001994	6.35E-04	5.45E-06	2.54E-03	3.18E-03
3927	492363.09	3853377.25	0.04569	0.06208	0.0474	6.80E-04	4.38E-06	1.23E-03	0.001918	6.95E-04	4.31E-06	1.37E-03	0.002071	6.60E-04	5.48E-06	2.63E-03	3.30E-03
3928	492863.09	3853377.25	0.04709	0.06255	0.0489	7.01E-04	4.42E-06	1.27E-03	0.001978	7.16E-04	4.35E-06	1.42E-03	0.002136	6.80E-04	5.52E-06	2.72E-03	3.40E-03
3929	493363.09	3853377.25	0.04683	0.06112	0.04872	6.97E-04	4.32E-06	1.27E-03	0.001969	7.12E-04	4.25E-06	1.41E-03	0.002126	6.77E-04	5.39E-06	2.71E-03	3.39E-03
3930	493863.09	3853377.25	0.04595	0.05861	0.04789	6.84E-04	4.14E-06	1.25E-03	0.001934	6.99E-04	4.07E-06	1.39E-03	0.002089	6.64E-04	5.17E-06	2.66E-03	3.33E-03
3931	494363.09	3853377.25	0.04375	0.05443	0.04573	6.51E-04	3.84E-06	1.19E-03	0.001845	6.65E-04	3.78E-06	1.32E-03	0.001992	6.32E-04	4.80E-06	2.54E-03	3.18E-03
3932	494863.09	3853377.25	0.04109	0.05019	0.04289	6.12E-04	3.54E-06	1.12E-03	0.001731	6.25E-04	3.49E-06	1.24E-03	0.00187	5.94E-04	4.43E-06	2.38E-03	2.98E-03
3933	495363.09	3853377.25	0.03964	0.04775	0.04144	5.90E-04	3.37E-06	1.08E-03	0.001672	6.03E-04	3.32E-06	1.20E-03	0.001805	5.73E-04	4.21E-06	2.30E-03	2.88E-03
3934	495863.09	3853377.25	0.03747	0.04452	0.03918	5.58E-04	3.14E-06	1.02E-03	0.00158	5.70E-04	3.09E-06	1.13E-03	0.001707	5.41E-04	3.93E-06	2.18E-03	2.72E-03
3935	496363.09	3853377.25	0.03459	0.04049	0.03619	5.15E-04	2.86E-06	9.42E-04	0.001459	5.26E-04	2.81E-06	1.05E-03	0.001576	5.00E-04	3.57E-06	2.01E-03	2.51E-03
3936	496863.09	3853377.25	0.03058	0.03531	0.032	4.55E-04	2.49E-06	8.33E-04	0.00129	4.65E-04	2.45E-06	9.26E-04	0.001394	4.42E-04	3.12E-06	1.78E-03	2.22E-03
3937	497363.09	3853377.25	0.02594	0.02952	0.02715	3.86E-04	2.08E-06	7.06E-04	0.001095	3.95E-04	2.05E-06	7.86E-04	0.001182	3.75E-04	2.60E-06	1.51E-03	1.89E-03
3938	497863.09	3853377.25	0.01834	0.0205	0.01924	2.73E-04	1.45E-06	5.01E-04	0.000775	2.79E-04	1.42E-06	5.57E-04	0.000837	2.65E-04	1.81E-06	1.07E-03	1.34E-03
3939	498363.09	3853377.25	0.01484	0.01637	0.01559	2.21E-04	1.16E-06	4.06E-04	0.000628	2.26E-04	1.14E-06	4.51E-04	0.000678	2.14E-04	1.44E-06	8.66E-04	1.08E-03
3940	471363.09	3853877.25	0.00695	0.00708	0.00715	1.03E-04	5.00E-07	1.86E-04	0.00029	1.06E-04	4.92E-07	2.07E-04	0.000313	1.00E-04	6.25E-07	3.97E-04	4.98E-04
3941	471863.09	3853877.25	0.00766	0.00777	0.00785	1.14E-04	5.49E-07	2.04E-04	0.000319	1.16E-04	5.40E-07	2.27E-04	0.000344	1.11E-04	6.86E-07	4.36E-04	5.48E-04
3942	472363.09	3853877.25	0.0081	0.00818	0.00833	1.21E-04	5.78E-07	2.17E-04	0.000338	1.23E-04	5.69E-07	2.41E-04	0.000365	1.17E-04	7.22E-07	4.63E-04	5.81E-04
3943	472863.09	3853877.25	0.00872	0.00878	0.00896	1.30E-04	6.20E-07	2.33E-04	0.000364	1.33E-04	6.10E-07	2.59E-04	0.000393	1.26E-04	7.75E-07	4.98E-04	6.25E-04
3944	473363.09	3853877.25	0.00916	0.00919	0.0094	1.36E-04	6.49E-07	2.45E-04	0.000382	1.39E-04	6.39E-07	2.72E-04	0.000412	1.32E-04	8.11E-07	5.22E-04	6.55E-04

3945	473863.09	3853877.25	0.00967	0.00972	0.00992	1.44E-04	6.86E-07	2.58E-04	0.000403	1.47E-04	6.76E-07	2.87E-04	0.000435	1.40E-04	8.58E-07	5.51E-04	6.92E-04
3946	474363.09	3853877.25	0.01042	0.01056	0.01066	1.55E-04	7.46E-07	2.77E-04	0.000433	1.58E-04	7.34E-07	3.08E-04	0.000468	1.51E-04	9.32E-07	5.92E-04	7.44E-04
3947	474863.09	3853877.25	0.01106	0.0114	0.01128	1.65E-04	8.05E-07	2.93E-04	0.000459	1.68E-04	7.92E-07	3.26E-04	0.000495	1.60E-04	1.01E-06	6.27E-04	7.88E-04
3948	475363.09	3853877.25	0.01082	0.01136	0.01103	1.61E-04	8.02E-07	2.87E-04	0.000449	1.65E-04	7.90E-07	3.19E-04	0.000485	1.56E-04	1.00E-06	6.13E-04	7.70E-04
3949	475863.09	3853877.25	0.00943	0.01011	0.00963	1.40E-04	7.14E-07	2.51E-04	0.000392	1.43E-04	7.03E-07	2.79E-04	0.000423	1.36E-04	8.92E-07	5.35E-04	6.72E-04
3950	476363.09	3853877.25	0.00817	0.00902	0.0084	1.22E-04	6.37E-07	2.19E-04	0.000341	1.24E-04	6.27E-07	2.43E-04	0.000368	1.18E-04	7.96E-07	4.67E-04	5.86E-04
3951	476863.09	3853877.25	0.00673	0.00774	0.00702	1.00E-04	5.47E-07	1.83E-04	0.000283	1.02E-04	5.38E-07	2.03E-04	0.000306	9.72E-05	6.83E-07	3.90E-04	4.88E-04
3952	477363.09	3853877.25	0.00734	0.0086	0.00767	1.09E-04	6.07E-07	2.00E-04	0.000309	1.12E-04	5.98E-07	2.22E-04	0.000334	1.06E-04	7.59E-07	4.26E-04	5.33E-04
3953	477863.09	3853877.25	0.00844	0.00993	0.00877	1.26E-04	7.01E-07	2.28E-04	0.000354	1.28E-04	6.90E-07	2.54E-04	0.000383	1.22E-04	8.76E-07	4.87E-04	6.10E-04
3954	478363.09	3853877.25	0.00902	0.01071	0.00938	1.34E-04	7.56E-07	2.44E-04	0.000379	1.37E-04	7.44E-07	2.71E-04	0.000409	1.30E-04	9.45E-07	5.21E-04	6.52E-04
3955	478863.09	3853877.25	0.00693	0.00861	0.00743	1.03E-04	6.08E-07	1.93E-04	0.000297	1.05E-04	5.98E-07	2.15E-04	0.000321	1.00E-04	7.60E-07	4.13E-04	5.14E-04
3956	479363.09	3853877.25	0.00936	0.01163	0.00985	1.39E-04	8.21E-07	2.56E-04	0.000396	1.42E-04	8.08E-07	2.85E-04	0.000428	1.35E-04	1.03E-06	5.47E-04	6.84E-04
3957	479863.09	3853877.25	0.01701	0.02117	0.0173	2.53E-04	1.49E-06	4.50E-04	0.000705	2.59E-04	1.47E-06	5.01E-04	0.000761	2.46E-04	1.87E-06	9.61E-04	1.21E-03
3958	480363.09	3853877.25	0.02587	0.0332	0.02606	3.85E-04	2.34E-06	6.78E-04	0.001065	3.93E-04	2.31E-06	7.54E-04	0.00115	3.74E-04	2.93E-06	1.45E-03	1.82E-03
3959	480863.09	3853877.25	0.04653	0.05905	0.04739	6.93E-04	4.17E-06	1.23E-03	0.00193	7.08E-04	4.10E-06	1.37E-03	0.002083	6.72E-04	5.21E-06	2.63E-03	3.31E-03
3960	481363.09	3853877.25	0.06592	0.08154	0.06834	9.81E-04	5.76E-06	1.78E-03	0.002765	1.00E-03	5.67E-06	1.98E-03	0.002986	9.53E-04	7.19E-06	3.80E-03	4.76E-03
3961	481863.09	3853877.25	0.09467	0.12297	0.0983	1.41E-03	8.68E-06	2.56E-03	0.003975	1.44E-03	8.55E-06	2.84E-03	0.004293	1.37E-03	1.09E-05	5.46E-03	6.84E-03
3962	482363.09	3853877.25	0.14079	0.15106	0.14657	2.10E-03	1.07E-05	3.81E-03	0.005919	2.14E-03	1.05E-05	4.24E-03	0.006393	2.03E-03	1.33E-05	8.14E-03	1.02E-02
3963	482863.09	3853877.25	0.39047	0.19498	0.8505	5.81E-03	1.38E-05	2.21E-02	0.027952	5.94E-03	1.36E-05	2.46E-02	0.030563	5.64E-03	1.72E-05	4.73E-02	5.29E-02
3964	483363.09	3853877.25	0.24725	0.14756	0.27175	3.68E-03	1.04E-05	7.07E-03	0.010761	3.76E-03	1.03E-05	7.86E-03	0.011634	3.57E-03	1.30E-05	1.51E-02	1.87E-02
3965	483863.09	3853877.25	0.16753	0.11722	0.19549	2.49E-03	8.28E-06	5.09E-03	0.007588	2.55E-03	8.15E-06	5.66E-03	0.008213	2.42E-03	1.03E-05	1.09E-02	1.33E-02
3966	484363.09	3853877.25	0.1111	0.08611	0.13182	1.65E-03	6.08E-06	3.43E-03	0.005089	1.69E-03	5.98E-06	3.81E-03	0.00551	1.61E-03	7.60E-06	7.32E-03	8.94E-03
3967	484863.09	3853877.25	0.0757	0.08478	0.09158	1.13E-03	5.99E-06	2.38E-03	0.003515	1.15E-03	5.89E-06	2.65E-03	0.003807	1.09E-03	7.48E-06	5.09E-03	6.19E-03
3968	485363.09	3853877.25	0.05306	0.08347	0.06422	7.90E-04	5.89E-06	1.67E-03	0.002466	8.07E-04	5.80E-06	1.86E-03	0.002671	7.67E-04	7.36E-06	3.57E-03	4.34E-03
3969	485863.09	3853877.25	0.05912	0.1108	0.06787	8.80E-04	7.82E-06	1.77E-03	0.002654	8.99E-04	7.70E-06	1.96E-03	0.002871	8.54E-04	9.78E-06	3.77E-03	4.64E-03
3970	486363.09	3853877.25	0.05885	0.12081	0.06558	8.76E-04	8.53E-06	1.71E-03	0.002591	8.95E-04	8.40E-06	1.90E-03	0.002801	8.50E-04	1.07E-05	3.64E-03	4.51E-03
3971	486863.09	3853877.25	0.0568	0.11891	0.06191	8.45E-04	8.40E-06	1.61E-03	0.002464	8.64E-04	8.26E-06	1.79E-03	0.002664	8.21E-04	1.05E-05	3.44E-03	4.27E-03
3972	487363.09	3853877.25	0.05927	0.12023	0.06322	8.82E-04	8.49E-06	1.64E-03	0.002535	9.01E-04	8.36E-06	1.83E-03	0.002739	8.56E-04	1.06E-05	3.51E-03	4.38E-03
3973	487863.09	3853877.25	0.06545	0.1265	0.06848	9.74E-04	8.93E-06	1.78E-03	0.002765	9.95E-04	8.79E-06	1.98E-03	0.002986	9.46E-04	1.12E-05	3.81E-03	4.76E-03
3974	488363.09	3853877.25	0.06705	0.12291	0.06955	9.98E-04	8.68E-06	1.81E-03	0.002816	1.02E-03	8.54E-06	2.01E-03	0.003041	9.69E-04	1.08E-05	3.86E-03	4.84E-03
3975	488863.09	3853877.25	0.07033	0.12169	0.07255	1.05E-03	8.59E-06	1.89E-03	0.002943	1.07E-03	8.46E-06	2.10E-03	0.003177	1.02E-03	1.07E-05	4.03E-03	5.06E-03
3976	489363.09	3853877.25	0.06595	0.10882	0.06795	9.82E-04	7.68E-06	1.77E-03	0.002757	1.00E-03	7.56E-06	1.97E-03	0.002977	9.53E-04	9.60E-06	3.78E-03	4.74E-03
3977	489863.09	3853877.25	0.06615	0.10389	0.06811	9.85E-04	7.34E-06	1.77E-03	0.002764	1.01E-03	7.22E-06	1.97E-03	0.002984	9.56E-04	9.17E-06	3.78E-03	4.75E-03
3978	490363.09	3853877.25	0.06411	0.09562	0.06606	9.54E-04	6.75E-06	1.72E-03	0.00268	9.75E-04	6.65E-06	1.91E-03	0.002893	9.26E-04	8.44E-06	3.67E-03	4.61E-03
3979	490863.09	3853877.25	0.06349	0.09025	0.06547	9.45E-04	6.37E-06	1.70E-03	0.002655	9.66E-04	6.27E-06	1.89E-03	0.002866	9.17E-04	7.96E-06	3.64E-03	4.56E-03
3980	491363.09	3853877.25	0.06315	0.08591	0.06521	9.40E-04	6.07E-06	1.70E-03	0.002643	9.60E-04	5.97E-06	1.89E-03	0.002853	9.13E-04	7.58E-06	3.62E-03	4.54E-03
3981	491863.09	3853877.25	0.06257	0.0824	0.0647	9.31E-04	5.82E-06	1.68E-03	0.00262	9.52E-04	5.73E-06	1.87E-03	0.00283	9.04E-04	7.27E-06	3.60E-03	4.51E-03
3982	492363.09	3853877.25	0.06397	0.08237	0.06632	9.52E-04	5.82E-06	1.73E-03	0.002683	9.73E-04	5.72E-06	1.92E-03	0.002898	9.24E-04	7.27E-06	3.69E-03	4.62E-03
3983	492863.09	3853877.25	0.06375	0.08011	0.0663	9.49E-04	5.66E-06	1.72E-03	0.002679	9.70E-04	5.57E-06	1.92E-03	0.002894	9.21E-04	7.07E-06	3.68E-03	4.61E-03
3984	493363.09	3853877.25	0.06136	0.07497	0.06396	9.13E-04	5.29E-06	1.66E-03	0.002583	9.33E-04	5.21E-06	1.85E-03	0.002789	8.87E-04	6.61E-06	3.55E-03	4.45E-03
3985	493863.09	3853877.25	0.05827	0.06978	0.06082	8.67E-04	4.93E-06	1.58E-03	0.002455	8.86E-04	4.85E-06	1.76E-03	0.002651	8.42E-04	6.16E-06	3.38E-03	4.23E-03
3986	494363.09	3853877.25	0.05579	0.06594	0.05833	8.30E-04	4.66E-06	1.52E-03	0.002353	8.48E-04	4.58E-06	1.69E-03	0.002541	8.06E-04	5.82E-06	3.24E-03	4.05E-03
3987	494863.09	3853877.25	0.05215	0.06088	0.05454	7.76E-04	4.30E-06	1.42E-03	0.002199	7.93E-04	4.23E-06	1.58E-03	0.002376	7.54E-04	5.37E-06	3.03E-03	3.79E-03
3988	495363.09	3853877.25	0.0453	0.05227	0.0473	6.74E-04	3.69E-06	1.23E-03	0.001909	6.89E-04	3.63E-06	1.37E-03	0.002061	6.55E-04	4.61E-06	2.63E-03	3.29E-03
3989	495863.09	3853877.25	0.04013	0.04569	0.04189	5.97E-04	3.23E-06	1.09E-03	0.00169	6.10E-04	3.18E-06	1.21E-03	0.001826	5.80E-04	4.03E-06	2.33E-03	2.91E-03
3990	496363.09	3853877.25	0.03679	0.04141	0.03841	5.48E-04	2.92E-06	9.99E-04	0.00155	5.60E-04	2.88E-06	1.11E-03	0.001674	5.32E-04	3.65E-06	2.13E-03	2.67E-03
3991	496863.09	3853877.25	0.03143	0.03503	0.03284	4.68E-04	2.47E-06	8.54E-04	0.001325	4.78E-04	2.43E-06	9.50E-04	0.001431	4.54E-04	3.09E-06	1.82E-03	2.28E-03

3992	497363.09	3853877.25	0.02726	0.03015	0.0285	4.06E-04	2.13E-06	7.41E-04	0.001149	4.15E-04	2.10E-06	8.25E-04	0.001241	3.94E-04	2.66E-06	1.58E-03	1.98E-03
3993	497863.09	3853877.25	0.02203	0.02415	0.02306	3.28E-04	1.71E-06	6.00E-04	0.00093	3.35E-04	1.68E-06	6.67E-04	0.001004	3.18E-04	2.13E-06	1.28E-03	1.60E-03
3994	498363.09	3853877.25	0.01901	0.02069	0.0199	2.83E-04	1.46E-06	5.18E-04	0.000802	2.89E-04	1.44E-06	5.76E-04	0.000866	2.75E-04	1.83E-06	1.11E-03	1.38E-03
3995	471363.09	3854377.25	0.00723	0.00784	0.00741	1.08E-04	5.54E-07	1.93E-04	0.000301	1.10E-04	5.45E-07	2.14E-04	0.000325	1.04E-04	6.92E-07	4.12E-04	5.17E-04
3996	471863.09	3854377.25	0.00797	0.00868	0.00816	1.19E-04	6.13E-07	2.12E-04	0.000332	1.21E-04	6.03E-07	2.36E-04	0.000358	1.15E-04	7.66E-07	4.53E-04	5.69E-04
3997	472363.09	3854377.25	0.00851	0.00925	0.0087	1.27E-04	6.53E-07	2.26E-04	0.000354	1.29E-04	6.43E-07	2.52E-04	0.000382	1.23E-04	8.16E-07	4.83E-04	6.07E-04
3998	472863.09	3854377.25	0.00892	0.00962	0.0091	1.33E-04	6.79E-07	2.37E-04	0.00037	1.36E-04	6.69E-07	2.63E-04	0.0004	1.29E-04	8.49E-07	5.06E-04	6.35E-04
3999	473363.09	3854377.25	0.00952	0.01017	0.00969	1.42E-04	7.18E-07	2.52E-04	0.000395	1.45E-04	7.07E-07	2.80E-04	0.000426	1.38E-04	8.97E-07	5.38E-04	6.77E-04
4000	473863.09	3854377.25	0.01029	0.01091	0.01044	1.53E-04	7.70E-07	2.72E-04	0.000426	1.56E-04	7.58E-07	3.02E-04	0.000459	1.49E-04	9.63E-07	5.80E-04	7.30E-04
4001	474363.09	3854377.25	0.01107	0.01159	0.01128	1.65E-04	8.18E-07	2.93E-04	0.000459	1.68E-04	8.06E-07	3.26E-04	0.000496	1.60E-04	1.02E-06	6.27E-04	7.88E-04
4002	474863.09	3854377.25	0.01069	0.01102	0.01085	1.59E-04	7.78E-07	2.82E-04	0.000442	1.63E-04	7.66E-07	3.14E-04	0.000477	1.54E-04	9.72E-07	6.03E-04	7.58E-04
4003	475363.09	3854377.25	0.00932	0.00952	0.00949	1.39E-04	6.72E-07	2.47E-04	0.000386	1.42E-04	6.62E-07	2.75E-04	0.000417	1.35E-04	8.40E-07	5.27E-04	6.63E-04
4004	475863.09	3854377.25	0.00684	0.00719	0.00708	1.02E-04	5.08E-07	1.84E-04	0.000287	1.04E-04	5.00E-07	2.05E-04	0.000309	9.88E-05	6.34E-07	3.93E-04	4.93E-04
4005	476363.09	3854377.25	0.00641	0.00687	0.00667	9.54E-05	4.85E-07	1.74E-04	0.000269	9.75E-05	4.77E-07	1.93E-04	0.000291	9.26E-05	6.06E-07	3.71E-04	4.64E-04
4006	476863.09	3854377.25	0.00638	0.00699	0.00667	9.50E-05	4.94E-07	1.74E-04	0.000269	9.70E-05	4.86E-07	1.93E-04	0.000291	9.22E-05	6.17E-07	3.71E-04	4.63E-04
4007	477363.09	3854377.25	0.00651	0.00728	0.00683	9.69E-05	5.14E-07	1.78E-04	0.000275	9.90E-05	5.06E-07	1.98E-04	0.000297	9.41E-05	6.42E-07	3.80E-04	4.74E-04
4008	477863.09	3854377.25	0.00678	0.00776	0.00713	1.01E-04	5.48E-07	1.85E-04	0.000287	1.03E-04	5.39E-07	2.06E-04	0.00031	9.80E-05	6.85E-07	3.96E-04	4.95E-04
4009	478363.09	3854377.25	0.00795	0.00921	0.00829	1.18E-04	6.50E-07	2.16E-04	0.000335	1.21E-04	6.40E-07	2.40E-04	0.000361	1.15E-04	8.13E-07	4.61E-04	5.76E-04
4010	478863.09	3854377.25	0.00876	0.01038	0.00913	1.30E-04	7.33E-07	2.38E-04	0.000369	1.33E-04	7.21E-07	2.64E-04	0.000398	1.27E-04	9.16E-07	5.07E-04	6.35E-04
4011	479363.09	3854377.25	0.01314	0.01537	0.01346	1.96E-04	1.09E-06	3.50E-04	0.000547	2.00E-04	1.07E-06	3.89E-04	0.00059	1.90E-04	1.36E-06	7.48E-04	9.39E-04
4012	479863.09	3854377.25	0.01731	0.02063	0.01751	2.58E-04	1.46E-06	4.56E-04	0.000715	2.63E-04	1.43E-06	5.07E-04	0.000771	2.50E-04	1.82E-06	9.73E-04	1.22E-03
4013	480363.09	3854377.25	0.02524	0.03113	0.02516	3.76E-04	2.20E-06	6.55E-04	0.001032	3.84E-04	2.16E-06	7.28E-04	0.001114	3.65E-04	2.75E-06	1.40E-03	1.77E-03
4014	480863.09	3854377.25	0.04338	0.0559	0.04265	6.46E-04	3.95E-06	1.11E-03	0.001759	6.60E-04	3.89E-06	1.23E-03	0.001898	6.27E-04	4.93E-06	2.37E-03	3.00E-03
4015	481363.09	3854377.25	0.0721	0.10187	0.07263	1.07E-03	7.19E-06	1.89E-03	0.00297	1.10E-03	7.08E-06	2.10E-03	0.003205	1.04E-03	8.99E-06	4.04E-03	5.09E-03
4016	481863.09	3854377.25	0.12264	0.18702	0.13389	1.83E-03	1.32E-05	3.48E-03	0.005322	1.87E-03	1.30E-05	3.87E-03	0.005753	1.77E-03	1.65E-05	7.44E-03	9.23E-03
4017	482363.09	3854377.25	0.18654	0.25969	0.2191	2.78E-03	1.83E-05	5.70E-03	0.008495	2.84E-03	1.80E-05	6.34E-03	0.009195	2.70E-03	2.29E-05	1.22E-02	1.49E-02
4018	482863.09	3854377.25	0.64041	0.42569	0.93091	9.53E-03	3.01E-05	2.42E-02	0.033781	9.74E-03	2.96E-05	2.69E-02	0.036707	9.25E-03	3.76E-05	5.17E-02	6.10E-02
4019	483363.09	3854377.25	0.57138	0.4615	1.0761	8.50E-03	3.26E-05	2.80E-02	0.036533	8.69E-03	3.21E-05	3.11E-02	0.039862	8.26E-03	4.07E-05	5.98E-02	6.81E-02
4020	483863.09	3854377.25	0.29729	0.28521	0.41038	4.43E-03	2.01E-05	1.07E-02	0.015122	4.52E-03	1.98E-05	1.19E-02	0.016417	4.30E-03	2.52E-05	2.28E-02	2.71E-02
4021	484363.09	3854377.25	0.18269	0.30968	0.23044	2.72E-03	2.19E-05	6.00E-03	0.008736	2.78E-03	2.15E-05	6.67E-03	0.009468	2.64E-03	2.73E-05	1.28E-02	1.55E-02
4022	484863.09	3854377.25	0.1299	0.30329	0.15355	1.93E-03	2.14E-05	3.99E-03	0.00595	1.98E-03	2.11E-05	4.44E-03	0.00644	1.88E-03	2.68E-05	8.53E-03	1.04E-02
4023	485363.09	3854377.25	0.14638	0.36062	0.15943	2.18E-03	2.55E-05	4.15E-03	0.006352	2.23E-03	2.51E-05	4.61E-03	0.006865	2.12E-03	3.18E-05	8.86E-03	1.10E-02
4024	485863.09	3854377.25	0.11588	0.29058	0.12353	1.72E-03	2.05E-05	3.21E-03	0.004959	1.76E-03	2.02E-05	3.57E-03	0.005357	1.67E-03	2.56E-05	6.86E-03	8.56E-03
4025	486363.09	3854377.25	0.1173	0.27538	0.12174	1.75E-03	1.94E-05	3.17E-03	0.004933	1.78E-03	1.91E-05	3.52E-03	0.005326	1.70E-03	2.43E-05	6.76E-03	8.48E-03
4026	486863.09	3854377.25	0.10692	0.23387	0.10979	1.59E-03	1.65E-05	2.86E-03	0.004464	1.63E-03	1.63E-05	3.18E-03	0.004819	1.55E-03	2.06E-05	6.10E-03	7.67E-03
4027	487363.09	3854377.25	0.10708	0.21409	0.10878	1.59E-03	1.51E-05	2.83E-03	0.004439	1.63E-03	1.49E-05	3.15E-03	0.004791	1.55E-03	1.89E-05	6.04E-03	7.61E-03
4028	487863.09	3854377.25	0.11092	0.20373	0.11209	1.65E-03	1.44E-05	2.92E-03	0.004582	1.69E-03	1.42E-05	3.24E-03	0.004945	1.60E-03	1.80E-05	6.23E-03	7.85E-03
4029	488363.09	3854377.25	0.11056	0.18786	0.11179	1.65E-03	1.33E-05	2.91E-03	0.004567	1.68E-03	1.31E-05	3.23E-03	0.004929	1.60E-03	1.66E-05	6.21E-03	7.83E-03
4030	488863.09	3854377.25	0.10903	0.17307	0.11068	1.62E-03	1.22E-05	2.88E-03	0.004515	1.66E-03	1.20E-05	3.20E-03	0.004873	1.58E-03	1.53E-05	6.15E-03	7.74E-03
4031	489363.09	3854377.25	0.1058	0.15877	0.10787	1.57E-03	1.12E-05	2.81E-03	0.004392	1.61E-03	1.10E-05	3.12E-03	0.004742	1.53E-03	1.40E-05	5.99E-03	7.54E-03
4032	489863.09	3854377.25	0.1012	0.14316	0.1037	1.51E-03	1.01E-05	2.70E-03	0.004214	1.54E-03	9.95E-06	3.00E-03	0.00455	1.46E-03	1.26E-05	5.76E-03	7.24E-03
4033	490363.09	3854377.25	0.0957	0.12816	0.09816	1.42E-03	9.05E-06	2.55E-03	0.003987	1.46E-03	8.91E-06	2.84E-03	0.004305	1.38E-03	1.13E-05	5.45E-03	6.85E-03
4034	490863.09	3854377.25	0.07876	0.10133	0.08054	1.17E-03	7.15E-06	2.10E-03	0.003275	1.20E-03	7.04E-06	2.33E-03	0.003535	1.14E-03	8.94E-06	4.48E-03	5.62E-03
4035	491363.09	3854377.25	0.0839	0.10473	0.08623	1.25E-03	7.39E-06	2.24E-03	0.0035	1.28E-03	7.28E-06	2.50E-03	0.003779	1.21E-03	9.24E-06	4.79E-03	6.01E-03
4036	491863.09	3854377.25	0.08667	0.10598	0.08965	1.29E-03	7.48E-06	2.33E-03	0.00363	1.32E-03	7.37E-06	2.59E-03	0.00392	1.25E-03	9.35E-06	4.98E-03	6.24E-03
4037	492363.09	3854377.25	0.08574	0.1023	0.08912	1.28E-03	7.22E-06	2.32E-03	0.003602	1.30E-03	7.11E-06	2.58E-03	0.00389	1.24E-03	9.03E-06	4.95E-03	6.20E-03
4038	492863.09	3854377.25	0.08204	0.09582	0.0855	1.22E-03	6.77E-06	2.22E-03	0.003452	1.25E-03	6.66E-06	2.47E-03	0.003729	1.19E-03	8.45E-06	4.75E-03	5.94E-03

4039	493363.09	3854377.25	0.07695	0.08882	0.08026	1.15E-03	6.27E-06	2.09E-03	0.00324	1.17E-03	6.17E-06	2.32E-03	0.003499	1.11E-03	7.84E-06	4.46E-03	5.58E-03
4040	493863.09	3854377.25	0.0718	0.08198	0.07497	1.07E-03	5.79E-06	1.95E-03	0.003025	1.09E-03	5.70E-06	2.17E-03	0.003267	1.04E-03	7.23E-06	4.17E-03	5.21E-03
4041	494363.09	3854377.25	0.06703	0.07569	0.07005	9.98E-04	5.34E-06	1.82E-03	0.002825	1.02E-03	5.26E-06	2.03E-03	0.003052	9.69E-04	6.68E-06	3.89E-03	4.87E-03
4042	494863.09	3854377.25	0.05511	0.06148	0.05736	8.20E-04	4.34E-06	1.49E-03	0.002317	8.38E-04	4.27E-06	1.66E-03	0.002502	7.96E-04	5.42E-06	3.19E-03	3.99E-03
4043	495363.09	3854377.25	0.0443	0.04892	0.04606	6.59E-04	3.45E-06	1.20E-03	0.001861	6.74E-04	3.40E-06	1.33E-03	0.00201	6.40E-04	4.32E-06	2.56E-03	3.20E-03
4044	495863.09	3854377.25	0.03753	0.04124	0.03904	5.59E-04	2.91E-06	1.02E-03	0.001577	5.71E-04	2.87E-06	1.13E-03	0.001703	5.42E-04	3.64E-06	2.17E-03	2.72E-03
4045	496363.09	3854377.25	0.03425	0.03736	0.03565	5.10E-04	2.64E-06	9.27E-04	0.00144	5.21E-04	2.60E-06	1.03E-03	0.001555	4.95E-04	3.30E-06	1.98E-03	2.48E-03
4046	496863.09	3854377.25	0.03018	0.03275	0.03145	4.49E-04	2.31E-06	8.18E-04	0.00127	4.59E-04	2.28E-06	9.10E-04	0.001371	4.36E-04	2.89E-06	1.75E-03	2.19E-03
4047	497363.09	3854377.25	0.0244	0.02632	0.02543	3.63E-04	1.86E-06	6.62E-04	0.001027	3.71E-04	1.83E-06	7.36E-04	0.001109	3.53E-04	2.32E-06	1.41E-03	1.77E-03
4048	497863.09	3854377.25	0.02472	0.02661	0.02577	3.68E-04	1.88E-06	6.70E-04	0.00104	3.76E-04	1.85E-06	7.46E-04	0.001124	3.57E-04	2.35E-06	1.43E-03	1.79E-03
4049	498363.09	3854377.25	0.02156	0.02313	0.0225	3.21E-04	1.63E-06	5.85E-04	0.000908	3.28E-04	1.61E-06	6.51E-04	0.000981	3.12E-04	2.04E-06	1.25E-03	1.56E-03
4050	471363.09	3854877.25	0.00741	0.00776	0.00752	1.10E-04	5.48E-07	1.96E-04	0.000306	1.13E-04	5.39E-07	2.18E-04	0.000331	1.07E-04	6.85E-07	4.18E-04	5.26E-04
4051	471863.09	3854877.25	0.00801	0.00843	0.00814	1.19E-04	5.95E-07	2.12E-04	0.000332	1.22E-04	5.86E-07	2.36E-04	0.000358	1.16E-04	7.44E-07	4.52E-04	5.69E-04
4052	472363.09	3854877.25	0.00855	0.00904	0.00869	1.27E-04	6.38E-07	2.26E-04	0.000354	1.30E-04	6.28E-07	2.51E-04	0.000382	1.24E-04	7.98E-07	4.83E-04	6.07E-04
4053	472863.09	3854877.25	0.0088	0.00937	0.00896	1.31E-04	6.62E-07	2.33E-04	0.000365	1.34E-04	6.51E-07	2.59E-04	0.000394	1.27E-04	8.27E-07	4.98E-04	6.26E-04
4054	473363.09	3854877.25	0.00968	0.0104	0.00984	1.44E-04	7.34E-07	2.56E-04	0.000401	1.47E-04	7.23E-07	2.85E-04	0.000433	1.40E-04	9.18E-07	5.47E-04	6.88E-04
4055	473863.09	3854877.25	0.01051	0.01144	0.01073	1.56E-04	8.08E-07	2.79E-04	0.000436	1.60E-04	7.95E-07	3.10E-04	0.000471	1.52E-04	1.01E-06	5.96E-04	7.49E-04
4056	474363.09	3854877.25	0.01166	0.01277	0.01187	1.74E-04	9.02E-07	3.09E-04	0.000483	1.77E-04	8.88E-07	3.43E-04	0.000522	1.68E-04	1.13E-06	6.60E-04	8.29E-04
4057	474863.09	3854877.25	0.00982	0.01052	0.00993	1.46E-04	7.43E-07	2.58E-04	0.000405	1.49E-04	7.31E-07	2.87E-04	0.000437	1.42E-04	9.28E-07	5.52E-04	6.95E-04
4058	475363.09	3854877.25	0.00786	0.00836	0.00798	1.17E-04	5.90E-07	2.08E-04	0.000325	1.20E-04	5.81E-07	2.31E-04	0.000351	1.14E-04	7.38E-07	4.43E-04	5.58E-04
4059	475863.09	3854877.25	0.00625	0.0067	0.00643	9.30E-05	4.73E-07	1.67E-04	0.000261	9.51E-05	4.66E-07	1.86E-04	0.000282	9.03E-05	5.91E-07	3.57E-04	4.48E-04
4060	476363.09	3854877.25	0.00444	0.0048	0.00467	6.61E-05	3.39E-07	1.21E-04	0.000188	6.75E-05	3.34E-07	1.35E-04	0.000203	6.42E-05	4.24E-07	2.59E-04	3.24E-04
4061	476863.09	3854877.25	0.00449	0.00487	0.00474	6.68E-05	3.44E-07	1.23E-04	0.00019	6.83E-05	3.38E-07	1.37E-04	0.000206	6.49E-05	4.30E-07	2.63E-04	3.29E-04
4062	477363.09	3854877.25	0.00544	0.00593	0.00569	8.10E-05	4.19E-07	1.48E-04	0.000229	8.27E-05	4.12E-07	1.65E-04	0.000248	7.86E-05	5.23E-07	3.16E-04	3.95E-04
4063	477863.09	3854877.25	0.00639	0.007	0.00666	9.51E-05	4.94E-07	1.73E-04	0.000269	9.72E-05	4.87E-07	1.93E-04	0.00029	9.23E-05	6.18E-07	3.70E-04	4.63E-04
4064	478363.09	3854877.25	0.00851	0.00946	0.00877	1.27E-04	6.68E-07	2.28E-04	0.000355	1.29E-04	6.57E-07	2.54E-04	0.000384	1.23E-04	8.35E-07	4.87E-04	6.11E-04
4065	478863.09	3854877.25	0.01204	0.0135	0.01223	1.79E-04	9.53E-07	3.18E-04	0.000498	1.83E-04	9.38E-07	3.54E-04	0.000538	1.74E-04	1.19E-06	6.80E-04	8.55E-04
4066	479363.09	3854877.25	0.01716	0.01929	0.01718	2.55E-04	1.36E-06	4.47E-04	0.000704	2.61E-04	1.34E-06	4.97E-04	0.000759	2.48E-04	1.70E-06	9.55E-04	1.20E-03
4067	479863.09	3854877.25	0.02436	0.02695	0.02402	3.63E-04	1.90E-06	6.25E-04	0.000989	3.70E-04	1.87E-06	6.95E-04	0.001067	3.52E-04	2.38E-06	1.33E-03	1.69E-03
4068	480363.09	3854877.25	0.03325	0.03682	0.03239	4.95E-04	2.60E-06	8.43E-04	0.00134	5.06E-04	2.56E-06	9.37E-04	0.001446	4.80E-04	3.25E-06	1.80E-03	2.28E-03
4069	480863.09	3854877.25	0.05376	0.06315	0.05265	8.00E-04	4.46E-06	1.37E-03	0.002174	8.18E-04	4.39E-06	1.52E-03	0.002346	7.77E-04	5.57E-06	2.93E-03	3.71E-03
4070	481363.09	3854877.25	0.07573	0.09638	0.0752	1.13E-03	6.81E-06	1.96E-03	0.00309	1.15E-03	6.70E-06	2.18E-03	0.003335	1.09E-03	8.50E-06	4.18E-03	5.28E-03
4071	481863.09	3854877.25	0.08568	0.11143	0.083	1.28E-03	7.87E-06	2.16E-03	0.003443	1.30E-03	7.74E-06	2.40E-03	0.003713	1.24E-03	9.83E-06	4.61E-03	5.86E-03
4072	482363.09	3854877.25	0.20362	0.35457	0.22321	3.03E-03	2.50E-05	5.81E-03	0.008863	3.10E-03	2.46E-05	6.46E-03	0.009581	2.94E-03	3.13E-05	1.24E-02	1.54E-02
4073	482863.09	3854877.25	0.41179	0.81609	0.4625	6.13E-03	5.76E-05	1.20E-02	0.018219	6.26E-03	5.67E-05	1.34E-02	0.019703	5.95E-03	7.20E-05	2.57E-02	3.17E-02
4074	483363.09	3854877.25	2.08855	4.53909	2.7612	3.11E-02	3.20E-04	7.18E-02	0.103243	3.18E-02	3.15E-04	7.99E-02	0.111982	3.02E-02	4.00E-04	1.53E-01	1.84E-01
4075	483863.09	3854877.25	2.59963	9.38988	2.00635	3.87E-02	6.63E-04	5.22E-02	0.091555	3.95E-02	6.53E-04	5.81E-02	0.098248	3.76E-02	8.28E-04	1.11E-01	1.50E-01
4076	484363.09	3854877.25	0.80988	2.74213	0.68155	1.21E-02	1.94E-04	1.77E-02	0.02998	1.23E-02	1.91E-04	1.97E-02	0.03223	1.17E-02	2.42E-04	3.79E-02	4.98E-02
4077	484863.09	3854877.25	0.48879	1.51603	0.44397	7.28E-03	1.07E-04	1.16E-02	0.018933	7.43E-03	1.05E-04	1.28E-02	0.020387	7.06E-03	1.34E-04	2.47E-02	3.19E-02
4078	485363.09	3854877.25	0.35796	0.95274	0.33471	5.33E-03	6.73E-05	8.71E-03	0.014103	5.44E-03	6.62E-05	9.69E-03	0.015196	5.17E-03	8.41E-05	1.86E-02	2.39E-02
4079	485863.09	3854877.25	0.27489	0.63346	0.26178	4.09E-03	4.47E-05	6.81E-03	0.010947	4.18E-03	4.40E-05	7.58E-03	0.0118	3.97E-03	5.59E-05	1.45E-02	1.86E-02
4080	486363.09	3854877.25	0.22238	0.45409	0.2147	3.31E-03	3.21E-05	5.59E-03	0.008928	3.38E-03	3.16E-05	6.21E-03	0.009627	3.21E-03	4.01E-05	1.19E-02	1.52E-02
4081	486863.09	3854877.25	0.19102	0.34885	0.18629	2.84E-03	2.46E-05	4.85E-03	0.007714	2.91E-03	2.42E-05	5.39E-03	0.00832	2.76E-03	3.08E-05	1.04E-02	1.31E-02
4082	487363.09	3854877.25	0.18257	0.30025	0.17943	2.72E-03	2.12E-05	4.67E-03	0.007407	2.78E-03	2.09E-05	5.19E-03	0.00799	2.64E-03	2.65E-05	9.97E-03	1.26E-02
4083	487863.09	3854877.25	0.17482	0.26337	0.17348	2.60E-03	1.86E-05	4.51E-03	0.007134	2.66E-03	1.83E-05	5.02E-03	0.007697	2.53E-03	2.32E-05	9.64E-03	1.22E-02
4084	488363.09	3854877.25	0.16823	0.23478	0.16881	2.50E-03	1.66E-05	4.39E-03	0.006912	2.56E-03	1.63E-05	4.88E-03	0.00746	2.43E-03	2.07E-05	9.38E-03	1.18E-02
4085	488863.09	3854877.25	0.16356	0.21521	0.1661	2.43E-03	1.52E-05	4.32E-03	0.006771	2.49E-03	1.50E-05	4.81E-03	0.007309	2.36E-03	1.90E-05	9.23E-03	1.16E-02

4086	489363.09	3854877.25	0.15427	0.19174	0.15782	2.30E-03	1.35E-05	4.11E-03	0.006416	2.35E-03	1.33E-05	4.57E-03	0.006926	2.23E-03	1.69E-05	8.77E-03	1.10E-02
4087	489863.09	3854877.25	0.13919	0.1644	0.14257	2.07E-03	1.16E-05	3.71E-03	0.005793	2.12E-03	1.14E-05	4.13E-03	0.006254	2.01E-03	1.45E-05	7.92E-03	9.95E-03
4088	490363.09	3854877.25	0.10556	0.12145	0.10716	1.57E-03	8.58E-06	2.79E-03	0.004368	1.61E-03	8.44E-06	3.10E-03	0.004715	1.53E-03	1.07E-05	5.95E-03	7.49E-03
4089	490863.09	3854877.25	0.07704	0.08777	0.07838	1.15E-03	6.20E-06	2.04E-03	0.003192	1.17E-03	6.10E-06	2.27E-03	0.003446	1.11E-03	7.74E-06	4.36E-03	5.48E-03
4090	491363.09	3854877.25	0.08093	0.09016	0.08257	1.20E-03	6.37E-06	2.15E-03	0.003359	1.23E-03	6.27E-06	2.39E-03	0.003626	1.17E-03	7.96E-06	4.59E-03	5.77E-03
4091	491863.09	3854877.25	0.11087	0.1205	0.11523	1.65E-03	8.51E-06	3.00E-03	0.004657	1.69E-03	8.38E-06	3.33E-03	0.005029	1.60E-03	1.06E-05	6.40E-03	8.02E-03
4092	492363.09	3854877.25	0.10812	0.1167	0.11299	1.61E-03	8.24E-06	2.94E-03	0.004557	1.64E-03	8.11E-06	3.27E-03	0.004922	1.56E-03	1.03E-05	6.28E-03	7.85E-03
4093	492863.09	3854877.25	0.10071	0.10799	0.10549	1.50E-03	7.62E-06	2.74E-03	0.004251	1.53E-03	7.51E-06	3.05E-03	0.004592	1.46E-03	9.53E-06	5.86E-03	7.33E-03
4094	493363.09	3854877.25	0.0921	0.0979	0.09647	1.37E-03	6.91E-06	2.51E-03	0.003888	1.40E-03	6.80E-06	2.79E-03	0.004199	1.33E-03	8.64E-06	5.36E-03	6.70E-03
4095	493863.09	3854877.25	0.08508	0.08959	0.08909	1.27E-03	6.33E-06	2.32E-03	0.00359	1.29E-03	6.23E-06	2.58E-03	0.003878	1.23E-03	7.90E-06	4.95E-03	6.19E-03
4096	494363.09	3854877.25	0.06605	0.06941	0.06868	9.83E-04	4.90E-06	1.79E-03	0.002775	1.00E-03	4.82E-06	1.99E-03	0.002997	9.54E-04	6.12E-06	3.82E-03	4.78E-03
4097	494863.09	3854877.25	0.04925	0.05185	0.05106	7.33E-04	3.66E-06	1.33E-03	0.002065	7.49E-04	3.60E-06	1.48E-03	0.00223	7.12E-04	4.57E-06	2.84E-03	3.55E-03
4098	495363.09	3854877.25	0.03984	0.04184	0.04131	5.93E-04	2.95E-06	1.07E-03	0.001671	6.06E-04	2.91E-06	1.20E-03	0.001804	5.76E-04	3.69E-06	2.30E-03	2.87E-03
4099	495863.09	3854877.25	0.03463	0.0363	0.03593	5.15E-04	2.56E-06	9.35E-04	0.001453	5.27E-04	2.52E-06	1.04E-03	0.001569	5.00E-04	3.20E-06	2.00E-03	2.50E-03
4100	496363.09	3854877.25	0.02833	0.02961	0.02938	4.22E-04	2.09E-06	7.64E-04	0.001188	4.31E-04	2.06E-06	8.50E-04	0.001283	4.09E-04	2.61E-06	1.63E-03	2.04E-03
4101	496863.09	3854877.25	0.02451	0.02554	0.02543	3.65E-04	1.80E-06	6.62E-04	0.001028	3.73E-04	1.78E-06	7.36E-04	0.00111	3.54E-04	2.25E-06	1.41E-03	1.77E-03
4102	497363.09	3854877.25	0.02311	0.02404	0.02399	3.44E-04	1.70E-06	6.24E-04	0.00097	3.51E-04	1.67E-06	6.94E-04	0.001047	3.34E-04	2.12E-06	1.33E-03	1.67E-03
4103	497863.09	3854877.25	0.0247	0.02563	0.02567	3.68E-04	1.81E-06	6.68E-04	0.001037	3.76E-04	1.78E-06	7.43E-04	0.00112	3.57E-04	2.26E-06	1.43E-03	1.79E-03
4104	498363.09	3854877.25	0.02371	0.02455	0.02466	3.53E-04	1.73E-06	6.42E-04	0.000996	3.61E-04	1.71E-06	7.14E-04	0.001076	3.43E-04	2.17E-06	1.37E-03	1.72E-03
4105	471363.09	3855377.25	0.00754	0.00721	0.00763	1.12E-04	5.09E-07	1.99E-04	0.000311	1.15E-04	5.01E-07	2.21E-04	0.000336	1.09E-04	6.36E-07	4.24E-04	5.34E-04
4106	471863.09	3855377.25	0.00792	0.00758	0.00801	1.18E-04	5.35E-07	2.08E-04	0.000327	1.20E-04	5.27E-07	2.32E-04	0.000353	1.14E-04	6.69E-07	4.45E-04	5.60E-04
4107	472363.09	3855377.25	0.00862	0.00827	0.00872	1.28E-04	5.84E-07	2.27E-04	0.000356	1.31E-04	5.75E-07	2.52E-04	0.000384	1.25E-04	7.30E-07	4.85E-04	6.10E-04
4108	472863.09	3855377.25	0.00902	0.00867	0.00915	1.34E-04	6.12E-07	2.38E-04	0.000373	1.37E-04	6.03E-07	2.65E-04	0.000403	1.30E-04	7.65E-07	5.08E-04	6.40E-04
4109	473363.09	3855377.25	0.01002	0.00963	0.01022	1.49E-04	6.80E-07	2.66E-04	0.000416	1.52E-04	6.69E-07	2.96E-04	0.000449	1.45E-04	8.50E-07	5.68E-04	7.14E-04
4110	473863.09	3855377.25	0.01093	0.01053	0.01115	1.63E-04	7.44E-07	2.90E-04	0.000454	1.66E-04	7.32E-07	3.23E-04	0.00049	1.58E-04	9.29E-07	6.20E-04	7.78E-04
4111	474363.09	3855377.25	0.01176	0.01142	0.01201	1.75E-04	8.06E-07	3.12E-04	0.000488	1.79E-04	7.94E-07	3.48E-04	0.000527	1.70E-04	1.01E-06	6.67E-04	8.38E-04
4112	474863.09	3855377.25	0.01015	0.00998	0.01031	1.51E-04	7.05E-07	2.68E-04	0.00042	1.54E-04	6.94E-07	2.98E-04	0.000453	1.47E-04	8.81E-07	5.73E-04	7.20E-04
4113	475363.09	3855377.25	0.00541	0.0056	0.0055	8.05E-05	3.95E-07	1.43E-04	0.000224	8.23E-05	3.89E-07	1.59E-04	0.000242	7.82E-05	4.94E-07	3.06E-04	3.84E-04
4114	475863.09	3855377.25	0.00434	0.00452	0.00448	6.46E-05	3.19E-07	1.17E-04	0.000181	6.60E-05	3.14E-07	1.30E-04	0.000196	6.27E-05	3.99E-07	2.49E-04	3.12E-04
4115	476363.09	3855377.25	0.00509	0.00528	0.00523	7.58E-05	3.73E-07	1.36E-04	0.000212	7.74E-05	3.67E-07	1.51E-04	0.000229	7.36E-05	4.66E-07	2.91E-04	3.65E-04
4116	476863.09	3855377.25	0.0051	0.00525	0.00524	7.59E-05	3.71E-07	1.36E-04	0.000213	7.76E-05	3.65E-07	1.52E-04	0.00023	7.37E-05	4.63E-07	2.91E-04	3.65E-04
4117	477363.09	3855377.25	0.0057	0.00586	0.00587	8.48E-05	4.14E-07	1.53E-04	0.000238	8.67E-05	4.07E-07	1.70E-04	0.000257	8.24E-05	5.17E-07	3.26E-04	4.09E-04
4118	477863.09	3855377.25	0.0074	0.00761	0.00751	1.10E-04	5.37E-07	1.95E-04	0.000306	1.13E-04	5.29E-07	2.17E-04	0.00033	1.07E-04	6.71E-07	4.17E-04	5.25E-04
4119	478363.09	3855377.25	0.00956	0.00994	0.00965	1.42E-04	7.02E-07	2.51E-04	0.000394	1.45E-04	6.91E-07	2.79E-04	0.000425	1.38E-04	8.77E-07	5.36E-04	6.75E-04
4120	478863.09	3855377.25	0.01215	0.01259	0.01221	1.81E-04	8.89E-07	3.18E-04	0.000499	1.85E-04	8.75E-07	3.53E-04	0.000539	1.76E-04	1.11E-06	6.78E-04	8.55E-04
4121	479363.09	3855377.25	0.01656	0.01718	0.01652	2.46E-04	1.21E-06	4.30E-04	0.000677	2.52E-04	1.19E-06	4.78E-04	0.000731	2.39E-04	1.52E-06	9.18E-04	1.16E-03
4122	479863.09	3855377.25	0.0221	0.02319	0.02188	3.29E-04	1.64E-06	5.69E-04	0.0009	3.36E-04	1.61E-06	6.33E-04	0.000971	3.19E-04	2.05E-06	1.22E-03	1.54E-03
4123	480363.09	3855377.25	0.0345	0.03653	0.03361	5.14E-04	2.58E-06	8.74E-04	0.00139	5.25E-04	2.54E-06	9.73E-04	0.0015	4.99E-04	3.22E-06	1.87E-03	2.37E-03
4124	480863.09	3855377.25	0.05895	0.0671	0.05824	8.77E-04	4.74E-06	1.52E-03	0.002397	8.97E-04	4.66E-06	1.69E-03	0.002587	8.52E-04	5.92E-06	3.24E-03	4.09E-03
4125	481363.09	3855377.25	0.0951	0.12446	0.09642	1.42E-03	8.79E-06	2.51E-03	0.003933	1.45E-03	8.65E-06	2.79E-03	0.004245	1.37E-03	1.10E-05	5.36E-03	6.74E-03
4126	481863.09	3855377.25	0.13621	0.20581	0.14041	2.03E-03	1.45E-05	3.65E-03	0.005695	2.07E-03	1.43E-05	4.06E-03	0.006149	1.97E-03	1.82E-05	7.80E-03	9.79E-03
4127	482363.09	3855377.25	0.18579	0.31661	0.19086	2.77E-03	2.24E-05	4.97E-03	0.007753	2.83E-03	2.20E-05	5.52E-03	0.008371	2.68E-03	2.79E-05	1.06E-02	1.33E-02
4128	482863.09	3855377.25	0.28403	0.53888	0.28572	4.23E-03	3.80E-05	7.43E-03	0.011699	4.32E-03	3.75E-05	8.27E-03	0.012625	4.10E-03	4.75E-05	1.59E-02	2.00E-02
4129	483363.09	3855377.25	0.49686	0.99597	0.46698	7.40E-03	7.03E-05	1.21E-02	0.019615	7.56E-03	6.92E-05	1.35E-02	0.021139	7.18E-03	8.79E-05	2.59E-02	3.32E-02
4130	483863.09	3855377.25	2.08013	2.19433	1.95597	3.10E-02	1.55E-04	5.09E-02	0.082004	3.16E-02	1.53E-04	5.66E-02	0.088389	3.01E-02	1.94E-04	1.09E-01	1.39E-01
4131	484363.09	3855377.25	3.27547	2.09297	2.54689	4.88E-02	1.48E-04	6.63E-02	0.115162	4.98E-02	1.45E-04	7.37E-02	0.123661	4.73E-02	1.85E-04	1.42E-01	1.89E-01
4132	484863.09	3855377.25	1.39113	1.48015	1.20786	2.07E-02	1.05E-04	3.14E-02	0.052235	2.12E-02	1.03E-04	3.50E-02	0.056212	2.01E-02	1.31E-04	6.71E-02	8.73E-02

4133	485363.09	3855377.25	0.78198	0.94764	0.70981	1.16E-02	6.69E-05	1.85E-02	0.030173	1.19E-02	6.59E-05	2.05E-02	0.032499	1.13E-02	8.36E-05	3.94E-02	5.08E-02
4134	485863.09	3855377.25	0.54579	0.67267	0.51108	8.12E-03	4.75E-05	1.33E-02	0.021468	8.30E-03	4.68E-05	1.48E-02	0.023137	7.89E-03	5.94E-05	2.84E-02	3.63E-02
4135	486363.09	3855377.25	0.39403	0.47541	0.37464	5.87E-03	3.36E-05	9.75E-03	0.015645	5.99E-03	3.30E-05	1.08E-02	0.016867	5.69E-03	4.19E-05	2.08E-02	2.66E-02
4136	486863.09	3855377.25	0.3064	0.35452	0.29611	4.56E-03	2.50E-05	7.70E-03	0.012289	4.66E-03	2.46E-05	8.57E-03	0.013253	4.43E-03	3.13E-05	1.65E-02	2.09E-02
4137	487363.09	3855377.25	0.28151	0.31023	0.27795	4.19E-03	2.19E-05	7.23E-03	0.011443	4.28E-03	2.16E-05	8.04E-03	0.012346	4.07E-03	2.74E-05	1.54E-02	1.95E-02
4138	487863.09	3855377.25	0.26006	0.27341	0.2611	3.87E-03	1.93E-05	6.79E-03	0.010683	3.96E-03	1.90E-05	7.56E-03	0.01153	3.76E-03	2.41E-05	1.45E-02	1.83E-02
4139	488363.09	3855377.25	0.24225	0.24668	0.24656	3.61E-03	1.74E-05	6.41E-03	0.010038	3.68E-03	1.71E-05	7.13E-03	0.010836	3.50E-03	2.18E-05	1.37E-02	1.72E-02
4140	488863.09	3855377.25	0.22575	0.22305	0.23215	3.36E-03	1.57E-05	6.04E-03	0.009416	3.43E-03	1.55E-05	6.72E-03	0.010167	3.26E-03	1.97E-05	1.29E-02	1.62E-02
4141	489363.09	3855377.25	0.20796	0.19976	0.21501	3.10E-03	1.41E-05	5.59E-03	0.008703	3.16E-03	1.39E-05	6.22E-03	0.009399	3.01E-03	1.76E-05	1.19E-02	1.50E-02
4142	489863.09	3855377.25	0.18767	0.18101	0.19433	2.79E-03	1.28E-05	5.06E-03	0.007862	2.85E-03	1.26E-05	5.62E-03	0.00849	2.71E-03	1.60E-05	1.08E-02	1.35E-02
4143	490363.09	3855377.25	0.17738	0.17263	0.18484	2.64E-03	1.22E-05	4.81E-03	0.007461	2.70E-03	1.20E-05	5.35E-03	0.008059	2.56E-03	1.52E-05	1.03E-02	1.28E-02
4144	490863.09	3855377.25	0.11631	0.11307	0.1187	1.73E-03	7.98E-06	3.09E-03	0.004827	1.77E-03	7.86E-06	3.43E-03	0.005212	1.68E-03	9.98E-06	6.60E-03	8.29E-03
4145	491363.09	3855377.25	0.0989	0.09694	0.10111	1.47E-03	6.84E-06	2.63E-03	0.004109	1.50E-03	6.74E-06	2.93E-03	0.004437	1.43E-03	8.55E-06	5.62E-03	7.06E-03
4146	491863.09	3855377.25	0.13576	0.13404	0.14212	2.02E-03	9.46E-06	3.70E-03	0.005728	2.06E-03	9.32E-06	4.11E-03	0.006187	1.96E-03	1.18E-05	7.90E-03	9.87E-03
4147	492363.09	3855377.25	0.12925	0.12783	0.13593	1.92E-03	9.03E-06	3.54E-03	0.005469	1.97E-03	8.88E-06	3.93E-03	0.005908	1.87E-03	1.13E-05	7.55E-03	9.43E-03
4148	492863.09	3855377.25	0.11827	0.1172	0.12448	1.76E-03	8.28E-06	3.24E-03	0.005007	1.80E-03	8.15E-06	3.60E-03	0.005409	1.71E-03	1.03E-05	6.92E-03	8.64E-03
4149	493363.09	3855377.25	0.10254	0.10189	0.10751	1.53E-03	7.19E-06	2.80E-03	0.00433	1.56E-03	7.08E-06	3.11E-03	0.004678	1.48E-03	8.99E-06	5.97E-03	7.46E-03
4150	493863.09	3855377.25	0.07958	0.07914	0.08279	1.18E-03	5.59E-06	2.15E-03	0.003344	1.21E-03	5.50E-06	2.40E-03	0.003612	1.15E-03	6.98E-06	4.60E-03	5.76E-03
4151	494363.09	3855377.25	0.05954	0.05923	0.06169	8.86E-04	4.18E-06	1.60E-03	0.002495	9.06E-04	4.12E-06	1.79E-03	0.002695	8.60E-04	5.23E-06	3.43E-03	4.29E-03
4152	494863.09	3855377.25	0.04436	0.04396	0.04588	6.60E-04	3.10E-06	1.19E-03	0.001857	6.75E-04	3.06E-06	1.33E-03	0.002005	6.41E-04	3.88E-06	2.55E-03	3.19E-03
4153	495363.09	3855377.25	0.03492	0.03445	0.0361	5.20E-04	2.43E-06	9.39E-04	0.001461	5.31E-04	2.39E-06	1.04E-03	0.001578	5.05E-04	3.04E-06	2.01E-03	2.51E-03
4154	495863.09	3855377.25	0.02888	0.02838	0.02985	4.30E-04	2.00E-06	7.77E-04	0.001208	4.39E-04	1.97E-06	8.64E-04	0.001305	4.17E-04	2.50E-06	1.66E-03	2.08E-03
4155	496363.09	3855377.25	0.02706	0.02661	0.02799	4.03E-04	1.88E-06	7.28E-04	0.001133	4.12E-04	1.85E-06	8.10E-04	0.001223	3.91E-04	2.35E-06	1.56E-03	1.95E-03
4156	496863.09	3855377.25	0.02571	0.02528	0.0266	3.83E-04	1.78E-06	6.92E-04	0.001076	3.91E-04	1.76E-06	7.70E-04	0.001163	3.72E-04	2.23E-06	1.48E-03	1.85E-03
4157	497363.09	3855377.25	0.02531	0.02493	0.02621	3.77E-04	1.76E-06	6.82E-04	0.00106	3.85E-04	1.73E-06	7.58E-04	0.001145	3.66E-04	2.20E-06	1.46E-03	1.82E-03
4158	497863.09	3855377.25	0.02589	0.02553	0.02684	3.85E-04	1.80E-06	6.98E-04	0.001085	3.94E-04	1.77E-06	7.77E-04	0.001172	3.74E-04	2.25E-06	1.49E-03	1.87E-03
4159	498363.09	3855377.25	0.02671	0.02641	0.02772	3.98E-04	1.86E-06	7.21E-04	0.001121	4.06E-04	1.84E-06	8.02E-04	0.00121	3.86E-04	2.33E-06	1.54E-03	1.93E-03
4160	471363.09	3855877.25	0.00775	0.00791	0.00785	1.15E-04	5.59E-07	2.04E-04	0.00032	1.18E-04	5.50E-07	2.27E-04	0.000346	1.12E-04	6.98E-07	4.36E-04	5.49E-04
4161	471863.09	3855877.25	0.00814	0.00839	0.00824	1.21E-04	5.92E-07	2.14E-04	0.000336	1.24E-04	5.83E-07	2.38E-04	0.000363	1.18E-04	7.40E-07	4.58E-04	5.76E-04
4162	472363.09	3855877.25	0.00901	0.00941	0.00912	1.34E-04	6.64E-07	2.37E-04	0.000372	1.37E-04	6.54E-07	2.64E-04	0.000402	1.30E-04	8.30E-07	5.07E-04	6.38E-04
4163	472863.09	3855877.25	0.00926	0.00973	0.00936	1.38E-04	6.87E-07	2.44E-04	0.000382	1.41E-04	6.76E-07	2.71E-04	0.000412	1.34E-04	8.59E-07	5.20E-04	6.55E-04
4164	473363.09	3855877.25	0.01049	0.01119	0.01058	1.56E-04	7.90E-07	2.75E-04	0.000432	1.60E-04	7.78E-07	3.06E-04	0.000466	1.52E-04	9.87E-07	5.88E-04	7.40E-04
4165	473863.09	3855877.25	0.01147	0.01237	0.01155	1.71E-04	8.73E-07	3.00E-04	0.000472	1.74E-04	8.60E-07	3.34E-04	0.00051	1.66E-04	1.09E-06	6.42E-04	8.09E-04
4166	474363.09	3855877.25	0.01216	0.01316	0.01223	1.81E-04	9.29E-07	3.18E-04	0.0005	1.85E-04	9.15E-07	3.54E-04	0.00054	1.76E-04	1.16E-06	6.80E-04	8.56E-04
4167	474863.09	3855877.25	0.00971	0.01007	0.00971	1.45E-04	7.11E-07	2.53E-04	0.000398	1.48E-04	7.00E-07	2.81E-04	0.000429	1.40E-04	8.89E-07	5.40E-04	6.81E-04
4168	475363.09	3855877.25	0.00646	0.0064	0.00649	9.62E-05	4.52E-07	1.69E-04	0.000265	9.82E-05	4.45E-07	1.88E-04	0.000286	9.33E-05	5.65E-07	3.61E-04	4.55E-04
4169	475863.09	3855877.25	0.00332	0.00318	0.00342	4.94E-05	2.25E-07	8.90E-05	0.000139	5.05E-05	2.21E-07	9.90E-05	0.00015	4.80E-05	2.81E-07	1.90E-04	2.38E-04
4170	476363.09	3855877.25	0.00358	0.00343	0.0037	5.33E-05	2.42E-07	9.63E-05	0.00015	5.44E-05	2.38E-07	1.07E-04	0.000162	5.17E-05	3.03E-07	2.06E-04	2.58E-04
4171	476863.09	3855877.25	0.00519	0.00502	0.00528	7.73E-05	3.54E-07	1.37E-04	0.000215	7.89E-05	3.49E-07	1.53E-04	0.000232	7.50E-05	4.43E-07	2.93E-04	3.69E-04
4172	477363.09	3855877.25	0.00628	0.00609	0.00633	9.35E-05	4.30E-07	1.65E-04	0.000259	9.55E-05	4.23E-07	1.83E-04	0.000279	9.07E-05	5.37E-07	3.52E-04	4.43E-04
4173	477863.09	3855877.25	0.00775	0.0076	0.00781	1.15E-04	5.37E-07	2.03E-04	0.000319	1.18E-04	5.28E-07	2.26E-04	0.000344	1.12E-04	6.71E-07	4.34E-04	5.47E-04
4174	478363.09	3855877.25	0.00981	0.00964	0.0098	1.46E-04	6.81E-07	2.55E-04	0.000402	1.49E-04	6.70E-07	2.84E-04	0.000433	1.42E-04	8.51E-07	5.45E-04	6.87E-04
4175	478863.09	3855877.25	0.01309	0.0131	0.01301	1.95E-04	9.25E-07	3.38E-04	0.000534	1.99E-04	9.10E-07	3.76E-04	0.000576	1.89E-04	1.16E-06	7.23E-04	9.13E-04
4176	479363.09	3855877.25	0.01811	0.01832	0.01788	2.70E-04	1.29E-06	4.65E-04	0.000736	2.75E-04	1.27E-06	5.17E-04	0.000794	2.62E-04	1.62E-06	9.94E-04	1.26E-03
4177	479863.09	3855877.25	0.02471	0.02527	0.02427	3.68E-04	1.78E-06	6.31E-04	0.001001	3.76E-04	1.76E-06	7.02E-04	0.00108	3.57E-04	2.23E-06	1.35E-03	1.71E-03
4178	480363.09	3855877.25	0.03658	0.03765	0.03566	5.44E-04	2.66E-06	9.28E-04	0.001475	5.56E-04	2.62E-06	1.03E-03	0.001591	5.29E-04	3.32E-06	1.98E-03	2.51E-03
4179	480863.09	3855877.25	0.05736	0.0632	0.05617	8.54E-04	4.46E-06	1.46E-03	0.00232	8.72E-04	4.39E-06	1.63E-03	0.002502	8.29E-04	5.58E-06	3.12E-03	3.96E-03

4180	481363.09	3855877.25	0.0669	0.07514	0.06436	9.96E-04	5.31E-06	1.67E-03	0.002675	1.02E-03	5.22E-06	1.86E-03	0.002885	9.67E-04	6.63E-06	3.58E-03	4.55E-03
4181	481863.09	3855877.25	0.12607	0.17803	0.12632	1.88E-03	1.26E-05	3.29E-03	0.005175	1.92E-03	1.24E-05	3.66E-03	0.005585	1.82E-03	1.57E-05	7.02E-03	8.86E-03
4182	482363.09	3855877.25	0.1621	0.23113	0.16127	2.41E-03	1.63E-05	4.20E-03	0.006625	2.47E-03	1.61E-05	4.67E-03	0.007148	2.34E-03	2.04E-05	8.96E-03	1.13E-02
4183	482863.09	3855877.25	0.22101	0.3082	0.21535	3.29E-03	2.18E-05	5.60E-03	0.008914	3.36E-03	2.14E-05	6.23E-03	0.009614	3.19E-03	2.72E-05	1.20E-02	1.52E-02
4184	483363.09	3855877.25	0.31528	0.40282	0.2963	4.69E-03	2.84E-05	7.71E-03	0.01243	4.80E-03	2.80E-05	8.57E-03	0.013397	4.56E-03	3.55E-05	1.65E-02	2.11E-02
4185	483863.09	3855877.25	0.4972	0.41867	0.44671	7.40E-03	2.96E-05	1.16E-02	0.019052	7.56E-03	2.91E-05	1.29E-02	0.020517	7.18E-03	3.69E-05	2.48E-02	3.20E-02
4186	484363.09	3855877.25	1.47538	0.48753	1.16019	2.20E-02	3.44E-05	3.02E-02	0.052179	2.24E-02	3.39E-05	3.36E-02	0.056045	2.13E-02	4.30E-05	6.45E-02	8.58E-02
4187	484863.09	3855877.25	3.68077	0.49785	3.73264	5.48E-02	3.52E-05	9.71E-02	0.151931	5.60E-02	3.46E-05	1.08E-01	0.164027	5.32E-02	4.39E-05	2.07E-01	2.61E-01
4188	485363.09	3855877.25	1.6496	0.498	1.67026	2.46E-02	3.52E-05	4.35E-02	0.068042	2.51E-02	3.46E-05	4.83E-02	0.073456	2.38E-02	4.39E-05	9.28E-02	1.17E-01
4189	485863.09	3855877.25	0.90464	0.42516	0.91269	1.35E-02	3.00E-05	2.37E-02	0.03724	1.38E-02	2.95E-05	2.64E-02	0.040199	1.31E-02	3.75E-05	5.07E-02	6.38E-02
4190	486363.09	3855877.25	0.59377	0.33587	0.59568	8.84E-03	2.37E-05	1.55E-02	0.024359	9.03E-03	2.33E-05	1.72E-02	0.026291	8.58E-03	2.96E-05	3.31E-02	4.17E-02
4191	486863.09	3855877.25	0.45723	0.28649	0.46063	6.81E-03	2.02E-05	1.20E-02	0.01881	6.95E-03	1.99E-05	1.33E-02	0.020303	6.61E-03	2.53E-05	2.56E-02	3.22E-02
4192	487363.09	3855877.25	0.40652	0.27086	0.41477	6.05E-03	1.91E-05	1.08E-02	0.016861	6.18E-03	1.88E-05	1.20E-02	0.018204	5.87E-03	2.39E-05	2.30E-02	2.89E-02
4193	487863.09	3855877.25	0.36721	0.25785	0.37777	5.47E-03	1.82E-05	9.83E-03	0.015312	5.58E-03	1.79E-05	1.09E-02	0.016534	5.31E-03	2.28E-05	2.10E-02	2.63E-02
4194	488363.09	3855877.25	0.32911	0.24159	0.34046	4.90E-03	1.71E-05	8.86E-03	0.013773	5.01E-03	1.68E-05	9.85E-03	0.014874	4.76E-03	2.13E-05	1.89E-02	2.37E-02
4195	488863.09	3855877.25	0.2976	0.22685	0.30942	4.43E-03	1.60E-05	8.05E-03	0.012496	4.53E-03	1.58E-05	8.95E-03	0.013496	4.30E-03	2.00E-05	1.72E-02	2.15E-02
4196	489363.09	3855877.25	0.26894	0.21876	0.28063	4.00E-03	1.54E-05	7.30E-03	0.011319	4.09E-03	1.52E-05	8.12E-03	0.012226	3.89E-03	1.93E-05	1.56E-02	1.95E-02
4197	489863.09	3855877.25	0.24313	0.20723	0.25468	3.62E-03	1.46E-05	6.63E-03	0.010259	3.70E-03	1.44E-05	7.37E-03	0.011082	3.51E-03	1.83E-05	1.42E-02	1.77E-02
4198	490363.09	3855877.25	0.22184	0.19618	0.23308	3.30E-03	1.39E-05	6.06E-03	0.00938	3.37E-03	1.36E-05	6.74E-03	0.010132	3.21E-03	1.73E-05	1.30E-02	1.62E-02
4199	490863.09	3855877.25	0.1973	0.17894	0.20781	2.94E-03	1.26E-05	5.41E-03	0.008356	3.00E-03	1.24E-05	6.01E-03	0.009027	2.85E-03	1.58E-05	1.15E-02	1.44E-02
4200	491363.09	3855877.25	0.16426	0.15083	0.17248	2.44E-03	1.06E-05	4.49E-03	0.006943	2.50E-03	1.05E-05	4.99E-03	0.0075	2.37E-03	1.33E-05	9.58E-03	1.20E-02
4201	491863.09	3855877.25	0.16483	0.15446	0.17446	2.45E-03	1.09E-05	4.54E-03	0.007003	2.51E-03	1.07E-05	5.05E-03	0.007566	2.38E-03	1.36E-05	9.69E-03	1.21E-02
4202	492363.09	3855877.25	0.1471	0.13936	0.15569	2.19E-03	9.84E-06	4.05E-03	0.00625	2.24E-03	9.69E-06	4.51E-03	0.006752	2.13E-03	1.23E-05	8.65E-03	1.08E-02
4203	492863.09	3855877.25	0.13234	0.12619	0.14002	1.97E-03	8.91E-06	3.64E-03	0.005622	2.01E-03	8.77E-06	4.05E-03	0.006073	1.91E-03	1.11E-05	7.78E-03	9.70E-03
4204	493363.09	3855877.25	0.10159	0.0965	0.10638	1.51E-03	6.81E-06	2.77E-03	0.004287	1.55E-03	6.71E-06	3.08E-03	0.00463	1.47E-03	8.51E-06	5.91E-03	7.39E-03
4205	493863.09	3855877.25	0.07277	0.06889	0.0756	1.08E-03	4.86E-06	1.97E-03	0.003055	1.11E-03	4.79E-06	2.19E-03	0.003299	1.05E-03	6.08E-06	4.20E-03	5.26E-03
4206	494363.09	3855877.25	0.05218	0.04942	0.05398	7.77E-04	3.49E-06	1.40E-03	0.002185	7.94E-04	3.43E-06	1.56E-03	0.002359	7.54E-04	4.36E-06	3.00E-03	3.76E-03
4207	494863.09	3855877.25	0.03995	0.0379	0.04124	5.95E-04	2.68E-06	1.07E-03	0.00167	6.08E-04	2.63E-06	1.19E-03	0.001804	5.77E-04	3.34E-06	2.29E-03	2.87E-03
4208	495363.09	3855877.25	0.0292	0.02768	0.03009	4.35E-04	1.95E-06	7.83E-04	0.001219	4.44E-04	1.92E-06	8.71E-04	0.001317	4.22E-04	2.44E-06	1.67E-03	2.10E-03
4209	495863.09	3855877.25	0.02761	0.02622	0.02846	4.11E-04	1.85E-06	7.40E-04	0.001153	4.20E-04	1.82E-06	8.24E-04	0.001245	3.99E-04	2.31E-06	1.58E-03	1.98E-03
4210	496363.09	3855877.25	0.02658	0.02527	0.02741	3.96E-04	1.78E-06	7.13E-04	0.001111	4.04E-04	1.76E-06	7.93E-04	0.001199	3.84E-04	2.23E-06	1.52E-03	1.91E-03
4211	496863.09	3855877.25	0.02668	0.0254	0.02754	3.97E-04	1.79E-06	7.16E-04	0.001115	4.06E-04	1.77E-06	7.97E-04	0.001204	3.86E-04	2.24E-06	1.53E-03	1.92E-03
4212	497363.09	3855877.25	0.02699	0.02575	0.02789	4.02E-04	1.82E-06	7.26E-04	0.001129	4.10E-04	1.79E-06	8.07E-04	0.001219	3.90E-04	2.27E-06	1.55E-03	1.94E-03
4213	497863.09	3855877.25	0.02781	0.02657	0.02876	4.14E-04	1.88E-06	7.48E-04	0.001164	4.23E-04	1.85E-06	8.32E-04	0.001257	4.02E-04	2.34E-06	1.60E-03	2.00E-03
4214	498363.09	3855877.25	0.03053	0.02932	0.03166	4.54E-04	2.07E-06	8.24E-04	0.00128	4.64E-04	2.04E-06	9.16E-04	0.001383	4.41E-04	2.59E-06	1.76E-03	2.20E-03
4215	471363.09	3856377.25	0.00803	0.00866	0.00804	1.20E-04	6.11E-07	2.09E-04	0.000329	1.22E-04	6.02E-07	2.33E-04	0.000355	1.16E-04	7.64E-07	4.47E-04	5.64E-04
4216	471863.09	3856377.25	0.00837	0.00897	0.00837	1.25E-04	6.33E-07	2.18E-04	0.000343	1.27E-04	6.23E-07	2.42E-04	0.00037	1.21E-04	7.91E-07	4.65E-04	5.87E-04
4217	472363.09	3856377.25	0.00903	0.00966	0.00903	1.34E-04	6.82E-07	2.35E-04	0.00037	1.37E-04	6.71E-07	2.61E-04	0.000399	1.30E-04	8.52E-07	5.02E-04	6.33E-04
4218	472863.09	3856377.25	0.00989	0.01056	0.00989	1.47E-04	7.46E-07	2.57E-04	0.000405	1.50E-04	7.34E-07	2.86E-04	0.000437	1.43E-04	9.32E-07	5.50E-04	6.93E-04
4219	473363.09	3856377.25	0.01066	0.01131	0.01066	1.59E-04	7.99E-07	2.77E-04	0.000437	1.62E-04	7.86E-07	3.08E-04	0.000471	1.54E-04	9.98E-07	5.92E-04	7.47E-04
4220	473863.09	3856377.25	0.01205	0.01281	0.01206	1.79E-04	9.04E-07	3.14E-04	0.000494	1.83E-04	8.90E-07	3.49E-04	0.000533	1.74E-04	1.13E-06	6.70E-04	8.45E-04
4221	474363.09	3856377.25	0.01192	0.01234	0.0119	1.77E-04	8.71E-07	3.10E-04	0.000488	1.81E-04	8.58E-07	3.44E-04	0.000527	1.72E-04	1.09E-06	6.61E-04	8.35E-04
4222	474863.09	3856377.25	0.0112	0.01121	0.01114	1.67E-04	7.92E-07	2.90E-04	0.000457	1.70E-04	7.79E-07	3.22E-04	0.000493	1.62E-04	9.89E-07	6.19E-04	7.82E-04
4223	475363.09	3856377.25	0.00899	0.00864	0.0089	1.34E-04	6.10E-07	2.32E-04	0.000366	1.37E-04	6.01E-07	2.58E-04	0.000395	1.30E-04	7.62E-07	4.95E-04	6.25E-04
4224	475863.09	3856377.25	0.00643	0.00602	0.00639	9.57E-05	4.25E-07	1.66E-04	0.000262	9.78E-05	4.18E-07	1.85E-04	0.000283	9.29E-05	5.31E-07	3.55E-04	4.49E-04
4225	476363.09	3856377.25	0.00619	0.00581	0.00618	9.21E-05	4.10E-07	1.61E-04	0.000253	9.41E-05	4.04E-07	1.79E-04	0.000273	8.94E-05	5.13E-07	3.43E-04	4.33E-04
4226	476863.09	3856377.25	0.00646	0.00609	0.00644	9.62E-05	4.30E-07	1.68E-04	0.000264	9.82E-05	4.23E-07	1.86E-04	0.000285	9.33E-05	5.37E-07	3.58E-04	4.52E-04

4227	477363.09	3856377.25	0.00704	0.00667	0.007	1.05E-04	4.71E-07	1.82E-04	0.000287	1.07E-04	4.64E-07	2.03E-04	0.00031	1.02E-04	5.89E-07	3.89E-04	4.91E-04
4228	477863.09	3856377.25	0.00602	0.00574	0.006	8.96E-05	4.05E-07	1.56E-04	0.000246	9.16E-05	3.99E-07	1.74E-04	0.000266	8.70E-05	5.06E-07	3.33E-04	4.21E-04
4229	478363.09	3856377.25	0.00563	0.00537	0.00562	8.38E-05	3.79E-07	1.46E-04	0.00023	8.56E-05	3.73E-07	1.63E-04	0.000249	8.14E-05	4.74E-07	3.12E-04	3.94E-04
4230	478863.09	3856377.25	0.01045	0.01008	0.01032	1.56E-04	7.12E-07	2.68E-04	0.000425	1.59E-04	7.01E-07	2.99E-04	0.000458	1.51E-04	8.89E-07	5.73E-04	7.25E-04
4231	479363.09	3856377.25	0.01377	0.0134	0.01358	2.05E-04	9.46E-07	3.53E-04	0.000559	2.09E-04	9.31E-07	3.93E-04	0.000603	1.99E-04	1.18E-06	7.55E-04	9.55E-04
4232	479863.09	3856377.25	0.0237	0.02358	0.02319	3.53E-04	1.66E-06	6.03E-04	0.000958	3.60E-04	1.64E-06	6.71E-04	0.001033	3.42E-04	2.08E-06	1.29E-03	1.63E-03
4233	480363.09	3856377.25	0.03952	0.04248	0.03851	5.88E-04	3.00E-06	1.00E-03	0.001593	6.01E-04	2.95E-06	1.11E-03	0.001718	5.71E-04	3.75E-06	2.14E-03	2.71E-03
4234	480863.09	3856377.25	0.05772	0.06628	0.05661	8.59E-04	4.68E-06	1.47E-03	0.002337	8.78E-04	4.61E-06	1.64E-03	0.002521	8.34E-04	5.85E-06	3.15E-03	3.99E-03
4235	481363.09	3856377.25	0.08231	0.09865	0.08171	1.23E-03	6.97E-06	2.13E-03	0.003358	1.25E-03	6.86E-06	2.36E-03	0.003623	1.19E-03	8.70E-06	4.54E-03	5.74E-03
4236	481863.09	3856377.25	0.11429	0.1326	0.11436	1.70E-03	9.36E-06	2.98E-03	0.004686	1.74E-03	9.22E-06	3.31E-03	0.005057	1.65E-03	1.17E-05	6.35E-03	8.02E-03
4237	482363.09	3856377.25	0.14136	0.16226	0.13831	2.10E-03	1.15E-05	3.60E-03	0.005714	2.15E-03	1.13E-05	4.00E-03	0.006164	2.04E-03	1.43E-05	7.69E-03	9.74E-03
4238	482863.09	3856377.25	0.18055	0.20358	0.17336	2.69E-03	1.44E-05	4.51E-03	0.007212	2.75E-03	1.41E-05	5.02E-03	0.007777	2.61E-03	1.80E-05	9.63E-03	1.23E-02
4239	483363.09	3856377.25	0.23542	0.22685	0.22016	3.50E-03	1.60E-05	5.73E-03	0.009248	3.58E-03	1.58E-05	6.37E-03	0.009967	3.40E-03	2.00E-05	1.22E-02	1.57E-02
4240	483863.09	3856377.25	0.32279	0.22027	0.29418	4.80E-03	1.56E-05	7.65E-03	0.012474	4.91E-03	1.53E-05	8.51E-03	0.013437	4.66E-03	1.94E-05	1.63E-02	2.10E-02
4241	484363.09	3856377.25	0.48295	0.22616	0.42152	7.19E-03	1.60E-05	1.10E-02	0.018171	7.35E-03	1.57E-05	1.22E-02	0.019558	6.98E-03	2.00E-05	2.34E-02	3.04E-02
4242	484863.09	3856377.25	1.07844	0.25626	0.82371	1.61E-02	1.81E-05	2.14E-02	0.0375	1.64E-02	1.78E-05	2.38E-02	0.040256	1.56E-02	2.26E-05	4.58E-02	6.14E-02
4243	485363.09	3856377.25	3.56601	0.28067	3.35658	5.31E-02	1.98E-05	8.73E-02	0.140424	5.42E-02	1.95E-05	9.71E-02	0.151385	5.15E-02	2.48E-05	1.87E-01	2.38E-01
4244	485863.09	3856377.25	1.93994	0.29458	2.18528	2.89E-02	2.08E-05	5.69E-02	0.085748	2.95E-02	2.05E-05	6.32E-02	0.092761	2.80E-02	2.60E-05	1.21E-01	1.49E-01
4245	486363.09	3856377.25	0.8838	0.2501	0.94692	1.32E-02	1.77E-05	2.46E-02	0.037808	1.34E-02	1.74E-05	2.74E-02	0.04086	1.28E-02	2.21E-05	5.26E-02	6.54E-02
4246	486863.09	3856377.25	0.68303	0.23411	0.71999	1.02E-02	1.65E-05	1.87E-02	0.028914	1.04E-02	1.63E-05	2.08E-02	0.031239	9.87E-03	2.07E-05	4.00E-02	4.99E-02
4247	487363.09	3856377.25	0.57471	0.22785	0.60252	8.55E-03	1.61E-05	1.57E-02	0.024246	8.74E-03	1.58E-05	1.74E-02	0.026192	8.30E-03	2.01E-05	3.35E-02	4.18E-02
4248	487863.09	3856377.25	0.49888	0.23923	0.52225	7.43E-03	1.69E-05	1.36E-02	0.021029	7.59E-03	1.66E-05	1.51E-02	0.022716	7.21E-03	2.11E-05	2.90E-02	3.62E-02
4249	488363.09	3856377.25	0.43213	0.25393	0.45282	6.43E-03	1.79E-05	1.18E-02	0.018231	6.57E-03	1.76E-05	1.31E-02	0.019693	6.24E-03	2.24E-05	2.52E-02	3.14E-02
4250	488863.09	3856377.25	0.37794	0.26749	0.39732	5.63E-03	1.89E-05	1.03E-02	0.015981	5.75E-03	1.86E-05	1.15E-02	0.017264	5.46E-03	2.36E-05	2.21E-02	2.76E-02
4251	489363.09	3856377.25	0.33286	0.26443	0.35117	4.95E-03	1.87E-05	9.14E-03	0.014109	5.06E-03	1.84E-05	1.02E-02	0.015243	4.81E-03	2.33E-05	1.95E-02	2.43E-02
4252	489863.09	3856377.25	0.29519	0.25276	0.31248	4.39E-03	1.78E-05	8.13E-03	0.012541	4.49E-03	1.76E-05	9.04E-03	0.013549	4.27E-03	2.23E-05	1.74E-02	2.17E-02
4253	490363.09	3856377.25	0.26143	0.23435	0.27739	3.89E-03	1.65E-05	7.22E-03	0.011124	3.98E-03	1.63E-05	8.03E-03	0.012019	3.78E-03	2.07E-05	1.54E-02	1.92E-02
4254	490863.09	3856377.25	0.23221	0.21375	0.24689	3.46E-03	1.51E-05	6.42E-03	0.009895	3.53E-03	1.49E-05	7.14E-03	0.010691	3.36E-03	1.89E-05	1.37E-02	1.71E-02
4255	491363.09	3856377.25	0.20775	0.1941	0.22139	3.09E-03	1.37E-05	5.76E-03	0.008866	3.16E-03	1.35E-05	6.41E-03	0.00958	3.00E-03	1.71E-05	1.23E-02	1.53E-02
4256	491863.09	3856377.25	0.1849	0.17408	0.19715	2.75E-03	1.23E-05	5.13E-03	0.007894	2.81E-03	1.21E-05	5.71E-03	0.008529	2.67E-03	1.54E-05	1.10E-02	1.36E-02
4257	492363.09	3856377.25	0.16115	0.15236	0.17171	2.40E-03	1.08E-05	4.47E-03	0.006877	2.45E-03	1.06E-05	4.97E-03	0.00743	2.33E-03	1.34E-05	9.54E-03	1.19E-02
4258	492863.09	3856377.25	0.12928	0.12203	0.13679	1.92E-03	8.62E-06	3.56E-03	0.005492	1.97E-03	8.48E-06	3.96E-03	0.005933	1.87E-03	1.08E-05	7.60E-03	9.48E-03
4259	493363.09	3856377.25	0.08379	0.07817	0.08729	1.25E-03	5.52E-06	2.27E-03	0.003524	1.27E-03	5.43E-06	2.53E-03	0.003806	1.21E-03	6.90E-06	4.85E-03	6.07E-03
4260	493863.09	3856377.25	0.06504	0.06048	0.06749	9.68E-04	4.27E-06	1.76E-03	0.002728	9.89E-04	4.20E-06	1.95E-03	0.002946	9.40E-04	5.34E-06	3.75E-03	4.70E-03
4261	494363.09	3856377.25	0.04781	0.0441	0.04941	7.12E-04	3.11E-06	1.29E-03	0.002	7.27E-04	3.07E-06	1.43E-03	0.00216	6.91E-04	3.89E-06	2.75E-03	3.44E-03
4262	494863.09	3856377.25	0.03616	0.03305	0.03727	5.38E-04	2.33E-06	9.70E-04	0.00151	5.50E-04	2.30E-06	1.08E-03	0.001631	5.23E-04	2.92E-06	2.07E-03	2.60E-03
4263	495363.09	3856377.25	0.02928	0.02668	0.03012	4.36E-04	1.88E-06	7.84E-04	0.001221	4.45E-04	1.85E-06	8.72E-04	0.001319	4.23E-04	2.35E-06	1.67E-03	2.10E-03
4264	495863.09	3856377.25	0.02748	0.02503	0.02826	4.09E-04	1.77E-06	7.35E-04	0.001146	4.18E-04	1.74E-06	8.18E-04	0.001237	3.97E-04	2.21E-06	1.57E-03	1.97E-03
4265	496363.09	3856377.25	0.0269	0.02456	0.02769	4.00E-04	1.73E-06	7.20E-04	0.001123	4.09E-04	1.71E-06	8.01E-04	0.001212	3.89E-04	2.17E-06	1.54E-03	1.93E-03
4266	496863.09	3856377.25	0.02811	0.02575	0.02897	4.18E-04	1.82E-06	7.54E-04	0.001174	4.28E-04	1.79E-06	8.38E-04	0.001268	4.06E-04	2.27E-06	1.61E-03	2.02E-03
4267	497363.09	3856377.25	0.02899	0.02672	0.02991	4.32E-04	1.89E-06	7.78E-04	0.001212	4.41E-04	1.86E-06	8.66E-04	0.001308	4.19E-04	2.36E-06	1.66E-03	2.08E-03
4268	497863.09	3856377.25	0.03088	0.02868	0.03194	4.60E-04	2.03E-06	8.31E-04	0.001293	4.70E-04	1.99E-06	9.24E-04	0.001396	4.46E-04	2.53E-06	1.77E-03	2.22E-03
4269	498363.09	3856377.25	0.03351	0.03138	0.03476	4.99E-04	2.22E-06	9.04E-04	0.001405	5.10E-04	2.18E-06	1.01E-03	0.001518	4.84E-04	2.77E-06	1.93E-03	2.42E-03
4270	471363.09	3856877.25	0.0084	0.00881	0.00835	1.25E-04	6.22E-07	2.17E-04	0.000343	1.28E-04	6.12E-07	2.42E-04	0.00037	1.21E-04	7.77E-07	4.64E-04	5.86E-04
4271	471863.09	3856877.25	0.00864	0.00895	0.00859	1.29E-04	6.32E-07	2.23E-04	0.000353	1.31E-04	6.22E-07	2.49E-04	0.000381	1.25E-04	7.90E-07	4.77E-04	6.03E-04
4272	472363.09	3856877.25	0.00928	0.00957	0.00922	1.38E-04	6.76E-07	2.40E-04	0.000379	1.41E-04	6.65E-07	2.67E-04	0.000409	1.34E-04	8.44E-07	5.12E-04	6.47E-04
4273	472863.09	3856877.25	0.00997	0.01022	0.0099	1.48E-04	7.22E-07	2.58E-04	0.000407	1.52E-04	7.10E-07	2.86E-04	0.000439	1.44E-04	9.02E-07	5.50E-04	6.95E-04

4274	473363.09	3856877.25	0.01128	0.01161	0.01124	1.68E-04	8.20E-07	2.92E-04	0.000461	1.72E-04	8.07E-07	3.25E-04	0.000498	1.63E-04	1.02E-06	6.25E-04	7.89E-04
4275	473863.09	3856877.25	0.01212	0.0124	0.01209	1.80E-04	8.76E-07	3.15E-04	0.000496	1.84E-04	8.62E-07	3.50E-04	0.000535	1.75E-04	1.09E-06	6.72E-04	8.48E-04
4276	474363.09	3856877.25	0.01184	0.01191	0.01181	1.76E-04	8.41E-07	3.07E-04	0.000484	1.80E-04	8.28E-07	3.42E-04	0.000523	1.71E-04	1.05E-06	6.56E-04	8.28E-04
4277	474863.09	3856877.25	0.01102	0.01086	0.01095	1.64E-04	7.67E-07	2.85E-04	0.00045	1.68E-04	7.55E-07	3.17E-04	0.000485	1.59E-04	9.58E-07	6.08E-04	7.69E-04
4278	475363.09	3856877.25	0.00934	0.0091	0.00923	1.39E-04	6.43E-07	2.40E-04	0.00038	1.42E-04	6.32E-07	2.67E-04	0.00041	1.35E-04	8.03E-07	5.13E-04	6.49E-04
4279	475863.09	3856877.25	0.00944	0.0092	0.0093	1.41E-04	6.50E-07	2.42E-04	0.000383	1.44E-04	6.39E-07	2.69E-04	0.000413	1.36E-04	8.12E-07	5.17E-04	6.54E-04
4280	476363.09	3856877.25	0.00832	0.00809	0.00816	1.24E-04	5.71E-07	2.12E-04	0.000337	1.27E-04	5.62E-07	2.36E-04	0.000363	1.20E-04	7.14E-07	4.53E-04	5.74E-04
4281	476863.09	3856877.25	0.00814	0.00793	0.00797	1.21E-04	5.60E-07	2.07E-04	0.000329	1.24E-04	5.51E-07	2.31E-04	0.000355	1.18E-04	7.00E-07	4.43E-04	5.61E-04
4282	477363.09	3856877.25	0.00742	0.00722	0.00727	1.10E-04	5.10E-07	1.89E-04	0.0003	1.13E-04	5.02E-07	2.10E-04	0.000324	1.07E-04	6.37E-07	4.04E-04	5.12E-04
4283	477863.09	3856877.25	0.00545	0.00509	0.00536	8.11E-05	3.59E-07	1.39E-04	0.000221	8.29E-05	3.54E-07	1.55E-04	0.000238	7.88E-05	4.49E-07	2.98E-04	3.77E-04
4284	478363.09	3856877.25	0.00504	0.0045	0.00497	7.50E-05	3.18E-07	1.29E-04	0.000205	7.67E-05	3.13E-07	1.44E-04	0.000221	7.28E-05	3.97E-07	2.76E-04	3.49E-04
4285	478863.09	3856877.25	0.00637	0.00575	0.00627	9.48E-05	4.06E-07	1.63E-04	0.000258	9.69E-05	4.00E-07	1.81E-04	0.000279	9.20E-05	5.07E-07	3.48E-04	4.41E-04
4286	479363.09	3856877.25	0.00856	0.00796	0.0084	1.27E-04	5.62E-07	2.19E-04	0.000347	1.30E-04	5.53E-07	2.43E-04	0.000374	1.24E-04	7.02E-07	4.67E-04	5.91E-04
4287	479863.09	3856877.25	0.02131	0.02102	0.02054	3.17E-04	1.48E-06	5.34E-04	0.000853	3.24E-04	1.46E-06	5.94E-04	0.00092	3.08E-04	1.85E-06	1.14E-03	1.45E-03
4288	480363.09	3856877.25	0.03778	0.0396	0.03669	5.62E-04	2.80E-06	9.55E-04	0.00152	5.75E-04	2.75E-06	1.06E-03	0.001639	5.46E-04	3.49E-06	2.04E-03	2.59E-03
4289	480863.09	3856877.25	0.05846	0.06208	0.05799	8.70E-04	4.38E-06	1.51E-03	0.002383	8.89E-04	4.31E-06	1.68E-03	0.002571	8.45E-04	5.48E-06	3.22E-03	4.07E-03
4290	481363.09	3856877.25	0.07886	0.08034	0.07854	1.17E-03	5.67E-06	2.04E-03	0.003223	1.20E-03	5.58E-06	2.27E-03	0.003478	1.14E-03	7.09E-06	4.36E-03	5.51E-03
4291	481863.09	3856877.25	0.09846	0.1013	0.09739	1.47E-03	7.15E-06	2.53E-03	0.004006	1.50E-03	7.04E-06	2.82E-03	0.004323	1.42E-03	8.94E-06	5.41E-03	6.84E-03
4292	482363.09	3856877.25	0.12296	0.1279	0.11911	1.83E-03	9.03E-06	3.10E-03	0.004938	1.87E-03	8.89E-06	3.45E-03	0.005326	1.78E-03	1.13E-05	6.62E-03	8.41E-03
4293	482863.09	3856877.25	0.14907	0.14543	0.14186	2.22E-03	1.03E-05	3.69E-03	0.00592	2.27E-03	1.01E-05	4.11E-03	0.006382	2.15E-03	1.28E-05	7.88E-03	1.00E-02
4294	483363.09	3856877.25	0.18523	0.15278	0.17287	2.76E-03	1.08E-05	4.50E-03	0.007265	2.82E-03	1.06E-05	5.00E-03	0.00783	2.68E-03	1.35E-05	9.61E-03	1.23E-02
4295	483863.09	3856877.25	0.23665	0.15347	0.21706	3.52E-03	1.08E-05	5.65E-03	0.00918	3.60E-03	1.07E-05	6.28E-03	0.009891	3.42E-03	1.35E-05	1.21E-02	1.55E-02
4296	484363.09	3856877.25	0.31732	0.16931	0.28359	4.72E-03	1.20E-05	7.38E-03	0.012113	4.83E-03	1.18E-05	8.21E-03	0.013044	4.59E-03	1.49E-05	1.58E-02	2.04E-02
4297	484863.09	3856877.25	0.45332	0.18791	0.39144	6.75E-03	1.33E-05	1.02E-02	0.016945	6.89E-03	1.31E-05	1.13E-02	0.018235	6.55E-03	1.66E-05	2.18E-02	2.83E-02
4298	485363.09	3856877.25	0.88953	0.2257	0.70474	1.32E-02	1.59E-05	1.83E-02	0.031591	1.35E-02	1.57E-05	2.04E-02	0.033938	1.29E-02	1.99E-05	3.92E-02	5.20E-02
4299	485863.09	3856877.25	3.45732	0.28932	2.94224	5.15E-02	2.04E-05	7.65E-02	0.128027	5.26E-02	2.01E-05	8.51E-02	0.137742	5.00E-02	2.55E-05	1.63E-01	2.13E-01
4300	486363.09	3856877.25	1.8844	0.30853	1.9862	2.80E-02	2.18E-05	5.17E-02	0.079743	2.87E-02	2.14E-05	5.75E-02	0.086156	2.72E-02	2.72E-05	1.10E-01	1.38E-01
4301	486863.09	3856877.25	1.10766	0.27969	1.18441	1.65E-02	1.97E-05	3.08E-02	0.047321	1.68E-02	1.94E-05	3.43E-02	0.051139	1.60E-02	2.47E-05	6.58E-02	8.18E-02
4302	487363.09	3856877.25	0.83197	0.38103	0.89175	1.24E-02	2.69E-05	2.32E-02	0.03561	1.27E-02	2.65E-05	2.58E-02	0.038485	1.20E-02	3.36E-05	4.96E-02	6.16E-02
4303	487863.09	3856877.25	0.66332	0.49512	0.70883	9.87E-03	3.50E-05	1.84E-02	0.028349	1.01E-02	3.44E-05	2.05E-02	0.030634	9.59E-03	4.37E-05	3.94E-02	4.90E-02
4304	488363.09	3856877.25	0.54684	0.4994	0.58463	8.14E-03	3.53E-05	1.52E-02	0.023385	8.32E-03	3.47E-05	1.69E-02	0.025269	7.90E-03	4.41E-05	3.25E-02	4.04E-02
4305	488863.09	3856877.25	0.45831	0.44173	0.4911	6.82E-03	3.12E-05	1.28E-02	0.019629	6.97E-03	3.07E-05	1.42E-02	0.021212	6.62E-03	3.90E-05	2.73E-02	3.40E-02
4306	489363.09	3856877.25	0.3917	0.38054	0.42074	5.83E-03	2.69E-05	1.09E-02	0.016803	5.96E-03	2.64E-05	1.22E-02	0.018159	5.66E-03	3.36E-05	2.34E-02	2.91E-02
4307	489863.09	3856877.25	0.3381	0.32402	0.36375	5.03E-03	2.29E-05	9.46E-03	0.014519	5.14E-03	2.25E-05	1.05E-02	0.015691	4.89E-03	2.86E-05	2.02E-02	2.51E-02
4308	490363.09	3856877.25	0.29301	0.27731	0.31572	4.36E-03	1.96E-05	8.21E-03	0.012595	4.46E-03	1.93E-05	9.14E-03	0.013612	4.23E-03	2.45E-05	1.75E-02	2.18E-02
4309	490863.09	3856877.25	0.25626	0.24065	0.27601	3.81E-03	1.70E-05	7.18E-03	0.011012	3.90E-03	1.67E-05	7.99E-03	0.011901	3.70E-03	2.12E-05	1.53E-02	1.91E-02
4310	491363.09	3856877.25	0.22538	0.21114	0.24251	3.35E-03	1.49E-05	6.31E-03	0.009679	3.43E-03	1.47E-05	7.02E-03	0.01046	3.26E-03	1.86E-05	1.35E-02	1.68E-02
4311	491863.09	3856877.25	0.19777	0.18553	0.21251	2.94E-03	1.31E-05	5.53E-03	0.008486	3.01E-03	1.29E-05	6.15E-03	0.00917	2.86E-03	1.64E-05	1.18E-02	1.47E-02
4312	492363.09	3856877.25	0.15556	0.14595	0.16626	2.32E-03	1.03E-05	4.33E-03	0.006651	2.37E-03	1.01E-05	4.81E-03	0.007187	2.25E-03	1.29E-05	9.24E-03	1.15E-02
4313	492863.09	3856877.25	0.12023	0.11181	0.12696	1.79E-03	7.89E-06	3.30E-03	0.0051	1.83E-03	7.77E-06	3.67E-03	0.00551	1.74E-03	9.87E-06	7.05E-03	8.80E-03
4314	493363.09	3856877.25	0.08724	0.08032	0.09113	1.30E-03	5.67E-06	2.37E-03	0.003675	1.33E-03	5.58E-06	2.64E-03	0.003969	1.26E-03	7.09E-06	5.06E-03	6.33E-03
4315	493863.09	3856877.25	0.05996	0.05477	0.06212	8.92E-04	3.87E-06	1.62E-03	0.002512	9.12E-04	3.81E-06	1.80E-03	0.002713	8.66E-04	4.83E-06	3.45E-03	4.32E-03
4316	494363.09	3856877.25	0.04323	0.03918	0.04449	6.43E-04	2.77E-06	1.16E-03	0.001804	6.57E-04	2.72E-06	1.29E-03	0.001948	6.25E-04	3.46E-06	2.47E-03	3.10E-03
4317	494863.09	3856877.25	0.03599	0.03263	0.03698	5.36E-04	2.30E-06	9.62E-04	0.0015	5.47E-04	2.27E-06	1.07E-03	0.00162	5.20E-04	2.88E-06	2.05E-03	2.58E-03
4318	495363.09	3856877.25	0.03183	0.02895	0.03267	4.74E-04	2.04E-06	8.50E-04	0.001326	4.84E-04	2.01E-06	9.45E-04	0.001431	4.60E-04	2.55E-06	1.82E-03	2.28E-03
4319	495863.09	3856877.25	0.03035	0.02773	0.03121	4.52E-04	1.96E-06	8.12E-04	0.001266	4.62E-04	1.93E-06	9.03E-04	0.001367	4.39E-04	2.45E-06	1.73E-03	2.18E-03
4320	496363.09	3856877.25	0.02945	0.02703	0.03025	4.38E-04	1.91E-06	7.87E-04	0.001227	4.48E-04	1.88E-06	8.75E-04	0.001325	4.26E-04	2.38E-06	1.68E-03	2.11E-03

4321	496863.09	3856877.25	0.02962	0.02734	0.03045	4.41E-04	1.93E-06	7.92E-04	0.001235	4.50E-04	1.90E-06	8.81E-04	0.001334	4.28E-04	2.41E-06	1.69E-03	2.12E-03
4322	497363.09	3856877.25	0.03067	0.02848	0.03159	4.57E-04	2.01E-06	8.22E-04	0.00128	4.66E-04	1.98E-06	9.14E-04	0.001383	4.43E-04	2.51E-06	1.76E-03	2.20E-03
4323	497863.09	3856877.25	0.03384	0.03168	0.03503	5.04E-04	2.24E-06	9.11E-04	0.001417	5.15E-04	2.20E-06	1.01E-03	0.001531	4.89E-04	2.80E-06	1.95E-03	2.44E-03
4324	498363.09	3856877.25	0.03772	0.03552	0.03923	5.61E-04	2.51E-06	1.02E-03	0.001585	5.74E-04	2.47E-06	1.14E-03	0.001711	5.45E-04	3.13E-06	2.18E-03	2.73E-03
4325	471363.09	3857377.25	0.00871	0.00877	0.00869	1.30E-04	6.19E-07	2.26E-04	0.000356	1.32E-04	6.10E-07	2.51E-04	0.000385	1.26E-04	7.74E-07	4.83E-04	6.10E-04
4326	471863.09	3857377.25	0.00892	0.00893	0.00891	1.33E-04	6.31E-07	2.32E-04	0.000365	1.36E-04	6.21E-07	2.58E-04	0.000394	1.29E-04	7.88E-07	4.95E-04	6.25E-04
4327	472363.09	3857377.25	0.00944	0.00944	0.00945	1.41E-04	6.67E-07	2.46E-04	0.000387	1.44E-04	6.56E-07	2.73E-04	0.000418	1.36E-04	8.33E-07	5.25E-04	6.62E-04
4328	472863.09	3857377.25	0.01016	0.01017	0.01019	1.51E-04	7.18E-07	2.65E-04	0.000417	1.55E-04	7.07E-07	2.95E-04	0.00045	1.47E-04	8.97E-07	5.66E-04	7.14E-04
4329	473363.09	3857377.25	0.01117	0.01124	0.01124	1.66E-04	7.94E-07	2.92E-04	0.000459	1.70E-04	7.81E-07	3.25E-04	0.000496	1.61E-04	9.92E-07	6.25E-04	7.87E-04
4330	473863.09	3857377.25	0.01249	0.01269	0.01259	1.86E-04	8.96E-07	3.28E-04	0.000514	1.90E-04	8.82E-07	3.64E-04	0.000555	1.80E-04	1.12E-06	7.00E-04	8.81E-04
4331	474363.09	3857377.25	0.01175	0.01193	0.01181	1.75E-04	8.42E-07	3.07E-04	0.000483	1.79E-04	8.29E-07	3.42E-04	0.000521	1.70E-04	1.05E-06	6.56E-04	8.27E-04
4332	474863.09	3857377.25	0.00879	0.00876	0.00871	1.31E-04	6.19E-07	2.27E-04	0.000358	1.34E-04	6.09E-07	2.52E-04	0.000386	1.27E-04	7.73E-07	4.84E-04	6.12E-04
4333	475363.09	3857377.25	0.00617	0.00608	0.00605	9.18E-05	4.29E-07	1.57E-04	0.00025	9.38E-05	4.23E-07	1.75E-04	0.000269	8.92E-05	5.36E-07	3.36E-04	4.26E-04
4334	475863.09	3857377.25	0.00583	0.00573	0.00572	8.68E-05	4.05E-07	1.49E-04	0.000236	8.87E-05	3.98E-07	1.66E-04	0.000255	8.42E-05	5.06E-07	3.18E-04	4.03E-04
4335	476363.09	3857377.25	0.00762	0.00753	0.00748	1.13E-04	5.32E-07	1.95E-04	0.000309	1.16E-04	5.23E-07	2.16E-04	0.000333	1.10E-04	6.64E-07	4.16E-04	5.26E-04
4336	476863.09	3857377.25	0.0083	0.00821	0.00817	1.24E-04	5.80E-07	2.13E-04	0.000337	1.26E-04	5.71E-07	2.36E-04	0.000363	1.20E-04	7.24E-07	4.54E-04	5.75E-04
4337	477363.09	3857377.25	0.00735	0.00697	0.0072	1.09E-04	4.92E-07	1.87E-04	0.000297	1.12E-04	4.84E-07	2.08E-04	0.000321	1.06E-04	6.15E-07	4.00E-04	5.07E-04
4338	477863.09	3857377.25	0.00581	0.00532	0.00565	8.65E-05	3.76E-07	1.47E-04	0.000234	8.84E-05	3.70E-07	1.63E-04	0.000252	8.40E-05	4.69E-07	3.14E-04	3.98E-04
4339	478363.09	3857377.25	0.00472	0.00428	0.0046	7.03E-05	3.02E-07	1.20E-04	0.00019	7.18E-05	2.97E-07	1.33E-04	0.000205	6.82E-05	3.78E-07	2.56E-04	3.24E-04
4340	478863.09	3857377.25	0.00423	0.00385	0.00411	6.30E-05	2.72E-07	1.07E-04	0.00017	6.43E-05	2.68E-07	1.19E-04	0.000184	6.11E-05	3.40E-07	2.28E-04	2.90E-04
4341	479363.09	3857377.25	0.00657	0.00628	0.00633	9.78E-05	4.43E-07	1.65E-04	0.000263	9.99E-05	4.36E-07	1.83E-04	0.000284	9.49E-05	5.54E-07	3.52E-04	4.47E-04
4342	479863.09	3857377.25	0.01718	0.01721	0.01644	2.56E-04	1.22E-06	4.28E-04	0.000685	2.61E-04	1.20E-06	4.76E-04	0.000738	2.48E-04	1.52E-06	9.14E-04	1.16E-03
4343	480363.09	3857377.25	0.01451	0.01394	0.01383	2.16E-04	9.84E-07	3.60E-04	0.000577	2.21E-04	9.69E-07	4.00E-04	0.000622	2.10E-04	1.23E-06	7.68E-04	9.79E-04
4344	480863.09	3857377.25	0.05447	0.05391	0.05429	8.11E-04	3.81E-06	1.41E-03	0.002227	8.28E-04	3.75E-06	1.57E-03	0.002403	7.87E-04	4.76E-06	3.02E-03	3.81E-03
4345	481363.09	3857377.25	0.06163	0.06092	0.06166	9.17E-04	4.30E-06	1.60E-03	0.002526	9.37E-04	4.23E-06	1.78E-03	0.002726	8.91E-04	5.38E-06	3.43E-03	4.32E-03
4346	481863.09	3857377.25	0.08158	0.08184	0.0809	1.21E-03	5.78E-06	2.10E-03	0.003325	1.24E-03	5.69E-06	2.34E-03	0.003587	1.18E-03	7.22E-06	4.50E-03	5.68E-03
4347	482363.09	3857377.25	0.10625	0.10263	0.10278	1.58E-03	7.25E-06	2.67E-03	0.004263	1.62E-03	7.13E-06	2.97E-03	0.004597	1.54E-03	9.06E-06	5.71E-03	7.26E-03
4348	482863.09	3857377.25	0.1245	0.10913	0.11807	1.85E-03	7.71E-06	3.07E-03	0.004933	1.89E-03	7.58E-06	3.42E-03	0.005318	1.80E-03	9.63E-06	6.56E-03	8.37E-03
4349	483363.09	3857377.25	0.14816	0.11387	0.13829	2.21E-03	8.04E-06	3.60E-03	0.005811	2.25E-03	7.91E-06	4.00E-03	0.006263	2.14E-03	1.00E-05	7.68E-03	9.84E-03
4350	483863.09	3857377.25	0.18083	0.11595	0.16688	2.69E-03	8.19E-06	4.34E-03	0.007041	2.75E-03	8.06E-06	4.83E-03	0.007587	2.61E-03	1.02E-05	9.27E-03	1.19E-02
4351	484363.09	3857377.25	0.2249	0.13115	0.20423	3.35E-03	9.26E-06	5.31E-03	0.00867	3.42E-03	9.12E-06	5.91E-03	0.009339	3.25E-03	1.16E-05	1.13E-02	1.46E-02
4352	484863.09	3857377.25	0.29219	0.15473	0.26092	4.35E-03	1.09E-05	6.79E-03	0.011148	4.44E-03	1.08E-05	7.55E-03	0.012005	4.22E-03	1.37E-05	1.45E-02	1.87E-02
4353	485363.09	3857377.25	0.40576	0.20512	0.35489	6.04E-03	1.45E-05	9.23E-03	0.015287	6.17E-03	1.43E-05	1.03E-02	0.016455	5.86E-03	1.81E-05	1.97E-02	2.56E-02
4354	485863.09	3857377.25	0.66919	0.32754	0.57146	9.96E-03	2.31E-05	1.49E-02	0.024851	1.02E-02	2.28E-05	1.65E-02	0.026737	9.67E-03	2.89E-05	3.18E-02	4.15E-02
4355	486363.09	3857377.25	3.04026	1.1265	2.63442	4.53E-02	7.95E-05	6.85E-02	0.11387	4.62E-02	7.83E-05	7.62E-02	0.12255	4.39E-02	9.94E-05	1.46E-01	1.90E-01
4356	486863.09	3857377.25	2.905	11.02432	2.96401	4.32E-02	7.78E-04	7.71E-02	0.12113	4.42E-02	7.66E-04	8.58E-02	0.130718	4.20E-02	9.73E-04	1.65E-01	2.08E-01
4357	487363.09	3857377.25	1.30119	3.80715	1.48477	1.94E-02	2.69E-04	3.86E-02	0.058264	1.98E-02	2.65E-04	4.30E-02	0.063019	1.88E-02	3.36E-04	8.25E-02	1.02E-01
4358	487863.09	3857377.25	0.88147	1.63896	0.99949	1.31E-02	1.16E-04	2.60E-02	0.039239	1.34E-02	1.14E-04	2.89E-02	0.042443	1.27E-02	1.45E-04	5.55E-02	6.84E-02
4359	488363.09	3857377.25	0.6676	0.92683	0.74318	9.94E-03	6.54E-05	1.93E-02	0.029337	1.02E-02	6.44E-05	2.15E-02	0.031723	9.65E-03	8.18E-05	4.13E-02	5.10E-02
4360	488863.09	3857377.25	0.53148	0.61668	0.58634	7.91E-03	4.35E-05	1.53E-02	0.023209	8.08E-03	4.29E-05	1.70E-02	0.025093	7.68E-03	5.44E-05	3.26E-02	4.03E-02
4361	489363.09	3857377.25	0.43664	0.45313	0.48026	6.50E-03	3.20E-05	1.25E-02	0.019026	6.64E-03	3.15E-05	1.39E-02	0.02057	6.31E-03	4.00E-05	2.67E-02	3.30E-02
4362	489863.09	3857377.25	0.36516	0.35347	0.40158	5.44E-03	2.50E-05	1.04E-02	0.015908	5.55E-03	2.46E-05	1.16E-02	0.017199	5.28E-03	3.12E-05	2.23E-02	2.76E-02
4363	490363.09	3857377.25	0.30991	0.28773	0.33886	4.61E-03	2.03E-05	8.82E-03	0.013449	4.71E-03	2.00E-05	9.81E-03	0.014539	4.48E-03	2.54E-05	1.88E-02	2.33E-02
4364	490863.09	3857377.25	0.26675	0.24104	0.29008	3.97E-03	1.70E-05	7.55E-03	0.011534	4.06E-03	1.68E-05	8.39E-03	0.012468	3.85E-03	2.13E-05	1.61E-02	2.00E-02
4365	491363.09	3857377.25	0.23218	0.20641	0.25117	3.46E-03	1.46E-05	6.53E-03	0.010005	3.53E-03	1.43E-05	7.27E-03	0.010814	3.36E-03	1.82E-05	1.40E-02	1.73E-02
4366	491863.09	3857377.25	0.19806	0.17526	0.21406	2.95E-03	1.24E-05	5.57E-03	0.008529	3.01E-03	1.22E-05	6.19E-03	0.009219	2.86E-03	1.55E-05	1.19E-02	1.48E-02
4367	492363.09	3857377.25	0.14451	0.12762	0.15496	2.15E-03	9.01E-06	4.03E-03	0.006191	2.20E-03	8.87E-06	4.48E-03	0.006691	2.09E-03	1.13E-05	8.61E-03	1.07E-02

4368	492863.09	3857377.25	0.0998	0.08718	0.10488	1.49E-03	6.16E-06	2.73E-03	0.00422	1.52E-03	6.06E-06	3.03E-03	0.004559	1.44E-03	7.69E-06	5.83E-03	7.28E-03
4369	493363.09	3857377.25	0.06876	0.06008	0.07133	1.02E-03	4.24E-06	1.86E-03	0.002883	1.05E-03	4.18E-06	2.06E-03	0.003114	9.94E-04	5.30E-06	3.96E-03	4.96E-03
4370	493863.09	3857377.25	0.05636	0.0496	0.05813	8.39E-04	3.50E-06	1.51E-03	0.002355	8.57E-04	3.45E-06	1.68E-03	0.002543	8.14E-04	4.38E-06	3.23E-03	4.05E-03
4371	494363.09	3857377.25	0.0456	0.04041	0.04679	6.79E-04	2.85E-06	1.22E-03	0.001899	6.94E-04	2.81E-06	1.35E-03	0.00205	6.59E-04	3.57E-06	2.60E-03	3.26E-03
4372	494863.09	3857377.25	0.04023	0.03593	0.04121	5.99E-04	2.54E-06	1.07E-03	0.001673	6.12E-04	2.50E-06	1.19E-03	0.001807	5.81E-04	3.17E-06	2.29E-03	2.87E-03
4373	495363.09	3857377.25	0.03608	0.03246	0.03692	5.37E-04	2.29E-06	9.61E-04	0.0015	5.49E-04	2.26E-06	1.07E-03	0.001619	5.21E-04	2.86E-06	2.05E-03	2.58E-03
4374	495863.09	3857377.25	0.03436	0.03112	0.03519	5.11E-04	2.20E-06	9.15E-04	0.001429	5.23E-04	2.16E-06	1.02E-03	0.001543	4.97E-04	2.75E-06	1.96E-03	2.45E-03
4375	496363.09	3857377.25	0.03331	0.03036	0.03416	4.96E-04	2.14E-06	8.89E-04	0.001387	5.07E-04	2.11E-06	9.89E-04	0.001497	4.81E-04	2.68E-06	1.90E-03	2.38E-03
4376	496863.09	3857377.25	0.03282	0.03009	0.03372	4.89E-04	2.12E-06	8.77E-04	0.001368	4.99E-04	2.09E-06	9.76E-04	0.001477	4.74E-04	2.65E-06	1.87E-03	2.35E-03
4377	497363.09	3857377.25	0.03381	0.03128	0.03488	5.03E-04	2.21E-06	9.07E-04	0.001413	5.14E-04	2.17E-06	1.01E-03	0.001526	4.89E-04	2.76E-06	1.94E-03	2.43E-03
4378	497863.09	3857377.25	0.03603	0.03356	0.0373	5.36E-04	2.37E-06	9.70E-04	0.001509	5.48E-04	2.33E-06	1.08E-03	0.00163	5.21E-04	2.96E-06	2.07E-03	2.60E-03
4379	498363.09	3857377.25	0.0428	0.04028	0.04467	6.37E-04	2.84E-06	1.16E-03	0.001802	6.51E-04	2.80E-06	1.29E-03	0.001946	6.18E-04	3.55E-06	2.48E-03	3.10E-03
4380	471363.09	3857877.25	0.00876	0.00827	0.00878	1.30E-04	5.84E-07	2.28E-04	0.000359	1.33E-04	5.75E-07	2.54E-04	0.000388	1.27E-04	7.30E-07	4.88E-04	6.15E-04
4381	471863.09	3857877.25	0.00909	0.00864	0.00912	1.35E-04	6.10E-07	2.37E-04	0.000373	1.38E-04	6.01E-07	2.64E-04	0.000403	1.31E-04	7.62E-07	5.07E-04	6.39E-04
4382	472363.09	3857877.25	0.00965	0.00928	0.00971	1.44E-04	6.55E-07	2.53E-04	0.000397	1.47E-04	6.45E-07	2.81E-04	0.000428	1.39E-04	8.19E-07	5.40E-04	6.80E-04
4383	472863.09	3857877.25	0.01065	0.01043	0.01072	1.59E-04	7.36E-07	2.79E-04	0.000438	1.62E-04	7.25E-07	3.10E-04	0.000473	1.54E-04	9.20E-07	5.96E-04	7.50E-04
4384	473363.09	3857877.25	0.01138	0.01138	0.01144	1.69E-04	8.04E-07	2.98E-04	0.000468	1.73E-04	7.91E-07	3.31E-04	0.000505	1.64E-04	1.00E-06	6.36E-04	8.01E-04
4385	473863.09	3857877.25	0.01254	0.0129	0.01258	1.87E-04	9.11E-07	3.27E-04	0.000515	1.91E-04	8.97E-07	3.64E-04	0.000556	1.81E-04	1.14E-06	6.99E-04	8.81E-04
4386	474363.09	3857877.25	0.01142	0.0117	0.01137	1.70E-04	8.26E-07	2.96E-04	0.000467	1.74E-04	8.13E-07	3.29E-04	0.000504	1.65E-04	1.03E-06	6.32E-04	7.98E-04
4387	474863.09	3857877.25	0.00816	0.00798	0.00801	1.21E-04	5.63E-07	2.08E-04	0.00033	1.24E-04	5.55E-07	2.32E-04	0.000356	1.18E-04	7.04E-07	4.45E-04	5.64E-04
4388	475363.09	3857877.25	0.00471	0.00445	0.0046	7.01E-05	3.14E-07	1.20E-04	0.00019	7.16E-05	3.09E-07	1.33E-04	0.000205	6.81E-05	3.93E-07	2.56E-04	3.24E-04
4389	475863.09	3857877.25	0.00244	0.00212	0.00237	3.63E-05	1.50E-07	6.17E-05	9.81E-05	3.71E-05	1.47E-07	6.86E-05	0.000106	3.53E-05	1.87E-07	1.32E-04	1.67E-04
4390	476363.09	3857877.25	0.00543	0.005	0.00531	8.08E-05	3.53E-07	1.38E-04	0.000219	8.26E-05	3.48E-07	1.54E-04	0.000237	7.85E-05	4.41E-07	2.95E-04	3.74E-04
4391	476863.09	3857877.25	0.00684	0.00632	0.00667	1.02E-04	4.46E-07	1.74E-04	0.000276	1.04E-04	4.39E-07	1.93E-04	0.000297	9.88E-05	5.58E-07	3.71E-04	4.70E-04
4392	477363.09	3857877.25	0.00676	0.00636	0.00656	1.01E-04	4.49E-07	1.71E-04	0.000272	1.03E-04	4.42E-07	1.90E-04	0.000293	9.77E-05	5.61E-07	3.65E-04	4.63E-04
4393	477863.09	3857877.25	0.00665	0.00645	0.00645	9.90E-05	4.55E-07	1.68E-04	0.000267	1.01E-04	4.48E-07	1.87E-04	0.000288	9.61E-05	5.69E-07	3.58E-04	4.55E-04
4394	478363.09	3857877.25	0.004	0.00373	0.00382	5.95E-05	2.63E-07	9.94E-05	0.000159	6.08E-05	2.59E-07	1.11E-04	0.000172	5.78E-05	3.29E-07	2.12E-04	2.70E-04
4395	478863.09	3857877.25	0.00344	0.00311	0.00323	5.12E-05	2.20E-07	8.40E-05	0.000135	5.23E-05	2.16E-07	9.35E-05	0.000146	4.97E-05	2.74E-07	1.79E-04	2.29E-04
4396	479363.09	3857877.25	0.01554	0.01494	0.01489	2.31E-04	1.05E-06	3.87E-04	0.00062	2.36E-04	1.04E-06	4.31E-04	0.000668	2.25E-04	1.32E-06	8.27E-04	1.05E-03
4397	479863.09	3857877.25	0.03317	0.03195	0.03297	4.94E-04	2.26E-06	8.58E-04	0.001354	5.04E-04	2.22E-06	9.54E-04	0.001461	4.79E-04	2.82E-06	1.83E-03	2.31E-03
4398	480363.09	3857877.25	0.04368	0.04184	0.04375	6.50E-04	2.95E-06	1.14E-03	0.001791	6.64E-04	2.91E-06	1.27E-03	0.001933	6.31E-04	3.69E-06	2.43E-03	3.07E-03
4399	480863.09	3857877.25	0.05021	0.04814	0.05039	7.47E-04	3.40E-06	1.31E-03	0.002062	7.64E-04	3.35E-06	1.46E-03	0.002225	7.26E-04	4.25E-06	2.80E-03	3.53E-03
4400	481363.09	3857877.25	0.05814	0.05691	0.0584	8.65E-04	4.02E-06	1.52E-03	0.002389	8.84E-04	3.96E-06	1.69E-03	0.002578	8.40E-04	5.02E-06	3.25E-03	4.09E-03
4401	481863.09	3857877.25	0.07028	0.06943	0.06988	1.05E-03	4.90E-06	1.82E-03	0.002869	1.07E-03	4.83E-06	2.02E-03	0.003096	1.02E-03	6.13E-06	3.88E-03	4.90E-03
4402	482363.09	3857877.25	0.08933	0.08228	0.08705	1.33E-03	5.81E-06	2.26E-03	0.0036	1.36E-03	5.72E-06	2.52E-03	0.003883	1.29E-03	7.26E-06	4.84E-03	6.14E-03
4403	482863.09	3857877.25	0.10407	0.08643	0.09852	1.55E-03	6.10E-06	2.56E-03	0.004118	1.58E-03	6.01E-06	2.85E-03	0.00444	1.50E-03	7.63E-06	5.47E-03	6.99E-03
4404	483363.09	3857877.25	0.12034	0.09139	0.11243	1.79E-03	6.45E-06	2.92E-03	0.004723	1.83E-03	6.35E-06	3.25E-03	0.00509	1.74E-03	8.06E-06	6.25E-03	7.99E-03
4405	483863.09	3857877.25	0.14139	0.09424	0.13095	2.10E-03	6.65E-06	3.41E-03	0.005518	2.15E-03	6.55E-06	3.79E-03	0.005946	2.04E-03	8.32E-06	7.28E-03	9.33E-03
4406	484363.09	3857877.25	0.16793	0.10684	0.15404	2.50E-03	7.54E-06	4.01E-03	0.006515	2.55E-03	7.43E-06	4.46E-03	0.007019	2.43E-03	9.43E-06	8.56E-03	1.10E-02
4407	484863.09	3857877.25	0.2047	0.1301	0.18591	3.05E-03	9.19E-06	4.84E-03	0.007893	3.11E-03	9.04E-06	5.38E-03	0.008502	2.96E-03	1.15E-05	1.03E-02	1.33E-02
4408	485363.09	3857877.25	0.25718	0.17306	0.23136	3.83E-03	1.22E-05	6.02E-03	0.009859	3.91E-03	1.20E-05	6.69E-03	0.010618	3.72E-03	1.53E-05	1.29E-02	1.66E-02
4409	485863.09	3857877.25	0.34279	0.25704	0.30529	5.10E-03	1.81E-05	7.94E-03	0.013063	5.21E-03	1.79E-05	8.83E-03	0.014066	4.95E-03	2.27E-05	1.70E-02	2.19E-02
4410	486363.09	3857877.25	0.50917	0.42347	0.45235	7.58E-03	2.99E-05	1.18E-02	0.019377	7.74E-03	2.94E-05	1.31E-02	0.020863	7.36E-03	3.74E-05	2.51E-02	3.25E-02
4411	486863.09	3857877.25	1.12521	0.59776	1.01394	1.67E-02	4.22E-05	2.64E-02	0.043169	1.71E-02	4.15E-05	2.93E-02	0.046495	1.63E-02	5.27E-05	5.63E-02	7.27E-02
4412	487363.09	3857877.25	3.4943	0.7797	2.99961	5.20E-02	5.51E-05	7.80E-02	0.130105	5.31E-02	5.42E-05	8.68E-02	0.139999	5.05E-02	6.88E-05	1.67E-01	2.17E-01
4413	487863.09	3857877.25	1.25995	0.74481	1.49419	1.88E-02	5.26E-05	3.89E-02	0.057679	1.92E-02	5.18E-05	4.32E-02	0.062452	1.82E-02	6.57E-05	8.30E-02	1.01E-01
4414	488363.09	3857877.25	0.79142	0.57091	0.90376	1.18E-02	4.03E-05	2.35E-02	0.035333	1.20E-02	3.97E-05	2.62E-02	0.038229	1.14E-02	5.04E-05	5.02E-02	6.17E-02

4415	488863.09	3857877.25	0.58033	0.44396	0.64727	8.64E-03	3.13E-05	1.68E-02	0.025509	8.83E-03	3.09E-05	1.87E-02	0.027587	8.39E-03	3.92E-05	3.60E-02	4.44E-02
4416	489363.09	3857877.25	0.45028	0.359	0.50215	6.70E-03	2.53E-05	1.31E-02	0.019792	6.85E-03	2.50E-05	1.45E-02	0.021404	6.51E-03	3.17E-05	2.79E-02	3.44E-02
4417	489863.09	3857877.25	0.36321	0.29443	0.4014	5.41E-03	2.08E-05	1.04E-02	0.01587	5.52E-03	2.05E-05	1.16E-02	0.01716	5.25E-03	2.60E-05	2.23E-02	2.76E-02
4418	490363.09	3857877.25	0.3033	0.2452	0.32984	4.51E-03	1.73E-05	8.58E-03	0.013113	4.61E-03	1.70E-05	9.54E-03	0.014175	4.38E-03	2.16E-05	1.83E-02	2.27E-02
4419	490863.09	3857877.25	0.25815	0.20881	0.27735	3.84E-03	1.47E-05	7.22E-03	0.011073	3.93E-03	1.45E-05	8.03E-03	0.011966	3.73E-03	1.84E-05	1.54E-02	1.92E-02
4420	491363.09	3857877.25	0.21684	0.17781	0.2334	3.23E-03	1.26E-05	6.07E-03	0.009312	3.30E-03	1.24E-05	6.75E-03	0.010064	3.13E-03	1.57E-05	1.30E-02	1.61E-02
4421	491863.09	3857877.25	0.17581	0.14667	0.18985	2.62E-03	1.04E-05	4.94E-03	0.007566	2.67E-03	1.02E-05	5.49E-03	0.008178	2.54E-03	1.29E-05	1.05E-02	1.31E-02
4422	492363.09	3857877.25	0.12041	0.10041	0.12774	1.79E-03	7.09E-06	3.32E-03	0.005123	1.83E-03	6.98E-06	3.70E-03	0.005535	1.74E-03	8.86E-06	7.10E-03	8.85E-03
4423	492863.09	3857877.25	0.08186	0.06745	0.08515	1.22E-03	4.76E-06	2.22E-03	0.003438	1.24E-03	4.69E-06	2.46E-03	0.003714	1.18E-03	5.95E-06	4.73E-03	5.92E-03
4424	493363.09	3857877.25	0.06642	0.05468	0.06864	9.89E-04	3.86E-06	1.79E-03	0.002778	1.01E-03	3.80E-06	1.99E-03	0.003	9.60E-04	4.82E-06	3.81E-03	4.78E-03
4425	493863.09	3857877.25	0.05805	0.04794	0.05981	8.64E-04	3.38E-06	1.56E-03	0.002423	8.83E-04	3.33E-06	1.73E-03	0.002617	8.39E-04	4.23E-06	3.32E-03	4.17E-03
4426	494363.09	3857877.25	0.05204	0.0433	0.05353	7.75E-04	3.06E-06	1.39E-03	0.00217	7.91E-04	3.01E-06	1.55E-03	0.002343	7.52E-04	3.82E-06	2.97E-03	3.73E-03
4427	494863.09	3857877.25	0.04415	0.03704	0.04523	6.57E-04	2.62E-06	1.18E-03	0.001836	6.71E-04	2.57E-06	1.31E-03	0.001983	6.38E-04	3.27E-06	2.51E-03	3.15E-03
4428	495363.09	3857877.25	0.04089	0.03478	0.04187	6.09E-04	2.46E-06	1.09E-03	0.0017	6.22E-04	2.42E-06	1.21E-03	0.001836	5.91E-04	3.07E-06	2.33E-03	2.92E-03
4429	495863.09	3857877.25	0.0381	0.03289	0.03903	5.67E-04	2.32E-06	1.02E-03	0.001585	5.79E-04	2.29E-06	1.13E-03	0.001711	5.51E-04	2.90E-06	2.17E-03	2.72E-03
4430	496363.09	3857877.25	0.03751	0.03295	0.03851	5.58E-04	2.33E-06	1.00E-03	0.001563	5.70E-04	2.29E-06	1.11E-03	0.001687	5.42E-04	2.91E-06	2.14E-03	2.68E-03
4431	496863.09	3857877.25	0.0371	0.03306	0.03816	5.52E-04	2.33E-06	9.93E-04	0.001547	5.64E-04	2.30E-06	1.10E-03	0.001671	5.36E-04	2.92E-06	2.12E-03	2.66E-03
4432	497363.09	3857877.25	0.03612	0.03254	0.03721	5.38E-04	2.30E-06	9.68E-04	0.001508	5.49E-04	2.26E-06	1.08E-03	0.001628	5.22E-04	2.87E-06	2.07E-03	2.59E-03
4433	497863.09	3857877.25	0.04026	0.03678	0.04173	5.99E-04	2.60E-06	1.09E-03	0.001688	6.12E-04	2.56E-06	1.21E-03	0.001822	5.82E-04	3.25E-06	2.32E-03	2.90E-03
4434	498363.09	3857877.25	0.0444	0.04097	0.04632	6.61E-04	2.89E-06	1.21E-03	0.001869	6.75E-04	2.85E-06	1.34E-03	0.002018	6.42E-04	3.61E-06	2.57E-03	3.22E-03
4435	471363.09	3858377.25	0.00917	0.0093	0.00916	1.36E-04	6.57E-07	2.38E-04	0.000375	1.39E-04	6.46E-07	2.65E-04	0.000405	1.33E-04	8.21E-07	5.09E-04	6.42E-04
4436	471863.09	3858377.25	0.00955	0.00988	0.00954	1.42E-04	6.98E-07	2.48E-04	0.000391	1.45E-04	6.87E-07	2.76E-04	0.000422	1.38E-04	8.72E-07	5.30E-04	6.69E-04
4437	472363.09	3858377.25	0.00999	0.01056	0.00996	1.49E-04	7.46E-07	2.59E-04	0.000409	1.52E-04	7.34E-07	2.88E-04	0.000441	1.44E-04	9.32E-07	5.53E-04	6.99E-04
4438	472863.09	3858377.25	0.01081	0.01171	0.01075	1.61E-04	8.27E-07	2.80E-04	0.000441	1.64E-04	8.14E-07	3.11E-04	0.000476	1.56E-04	1.03E-06	5.97E-04	7.55E-04
4439	473363.09	3858377.25	0.01238	0.01379	0.01231	1.84E-04	9.74E-07	3.20E-04	0.000506	1.88E-04	9.58E-07	3.56E-04	0.000545	1.79E-04	1.22E-06	6.84E-04	8.64E-04
4440	473863.09	3858377.25	0.01254	0.01391	0.01246	1.87E-04	9.82E-07	3.24E-04	0.000512	1.91E-04	9.67E-07	3.61E-04	0.000552	1.81E-04	1.23E-06	6.92E-04	8.75E-04
4441	474363.09	3858377.25	0.01094	0.01157	0.01081	1.63E-04	8.17E-07	2.81E-04	0.000445	1.66E-04	8.04E-07	3.13E-04	0.00048	1.58E-04	1.02E-06	6.01E-04	7.60E-04
4442	474863.09	3858377.25	0.0085	0.00833	0.00828	1.27E-04	5.88E-07	2.15E-04	0.000343	1.29E-04	5.79E-07	2.40E-04	0.000369	1.23E-04	7.35E-07	4.60E-04	5.84E-04
4443	475363.09	3858377.25	0.00565	0.00523	0.00547	8.41E-05	3.69E-07	1.42E-04	0.000227	8.59E-05	3.63E-07	1.58E-04	0.000245	8.16E-05	4.61E-07	3.04E-04	3.86E-04
4444	475863.09	3858377.25	0.00422	0.00384	0.00407	6.28E-05	2.71E-07	1.06E-04	0.000169	6.42E-05	2.67E-07	1.18E-04	0.000182	6.10E-05	3.39E-07	2.26E-04	2.87E-04
4445	476363.09	3858377.25	0.00464	0.00431	0.00445	6.91E-05	3.04E-07	1.16E-04	0.000185	7.06E-05	3.00E-07	1.29E-04	0.0002	6.70E-05	3.80E-07	2.47E-04	3.15E-04
4446	476863.09	3858377.25	0.00521	0.005	0.00499	7.75E-05	3.53E-07	1.30E-04	0.000208	7.92E-05	3.48E-07	1.44E-04	0.000224	7.53E-05	4.41E-07	2.77E-04	3.53E-04
4447	477363.09	3858377.25	0.00498	0.00479	0.00476	7.41E-05	3.38E-07	1.24E-04	0.000198	7.57E-05	3.33E-07	1.38E-04	0.000214	7.20E-05	4.23E-07	2.64E-04	3.37E-04
4448	477863.09	3858377.25	0.00666	0.00654	0.00639	9.91E-05	4.62E-07	1.66E-04	0.000266	1.01E-04	4.55E-07	1.85E-04	0.000287	9.62E-05	5.77E-07	3.55E-04	4.52E-04
4449	478363.09	3858377.25	0.00727	0.007	0.00693	1.08E-04	4.94E-07	1.80E-04	0.000289	1.11E-04	4.87E-07	2.01E-04	0.000312	1.05E-04	6.18E-07	3.85E-04	4.91E-04
4450	478863.09	3858377.25	0.00515	0.00478	0.00483	7.67E-05	3.38E-07	1.26E-04	0.000203	7.83E-05	3.32E-07	1.40E-04	0.000218	7.44E-05	4.22E-07	2.68E-04	3.43E-04
4451	479363.09	3858377.25	0.0163	0.01591	0.01568	2.43E-04	1.12E-06	4.08E-04	0.000652	2.48E-04	1.11E-06	4.54E-04	0.000703	2.36E-04	1.40E-06	8.71E-04	1.11E-03
4452	479863.09	3858377.25	0.03414	0.03302	0.03422	5.08E-04	2.33E-06	8.90E-04	0.001401	5.19E-04	2.29E-06	9.90E-04	0.001512	4.93E-04	2.91E-06	1.90E-03	2.40E-03
4453	480363.09	3858377.25	0.0428	0.04091	0.04278	6.37E-04	2.89E-06	1.11E-03	0.001753	6.51E-04	2.84E-06	1.24E-03	0.001892	6.18E-04	3.61E-06	2.38E-03	3.00E-03
4454	480863.09	3858377.25	0.04802	0.04644	0.04813	7.15E-04	3.28E-06	1.25E-03	0.00197	7.30E-04	3.23E-06	1.39E-03	0.002126	6.94E-04	4.10E-06	2.67E-03	3.37E-03
4455	481363.09	3858377.25	0.05511	0.05351	0.05483	8.20E-04	3.78E-06	1.43E-03	0.002251	8.38E-04	3.72E-06	1.59E-03	0.002429	7.96E-04	4.72E-06	3.05E-03	3.85E-03
4456	481863.09	3858377.25	0.06208	0.05897	0.06171	9.24E-04	4.16E-06	1.61E-03	0.002534	9.44E-04	4.10E-06	1.79E-03	0.002734	8.97E-04	5.20E-06	3.43E-03	4.33E-03
4457	482363.09	3858377.25	0.07234	0.0635	0.07149	1.08E-03	4.48E-06	1.86E-03	0.002941	1.10E-03	4.41E-06	2.07E-03	0.003173	1.05E-03	5.60E-06	3.97E-03	5.02E-03
4458	482863.09	3858377.25	0.08857	0.0726	0.08589	1.32E-03	5.13E-06	2.23E-03	0.003558	1.35E-03	5.05E-06	2.49E-03	0.003838	1.28E-03	6.41E-06	4.77E-03	6.06E-03
4459	483363.09	3858377.25	0.10046	0.07712	0.09436	1.50E-03	5.45E-06	2.45E-03	0.003956	1.53E-03	5.36E-06	2.73E-03	0.004264	1.45E-03	6.80E-06	5.24E-03	6.70E-03
4460	483863.09	3858377.25	0.1124	0.08074	0.10434	1.67E-03	5.70E-06	2.71E-03	0.004393	1.71E-03	5.61E-06	3.02E-03	0.004734	1.62E-03	7.12E-06	5.80E-03	7.43E-03
4461	484363.09	3858377.25	0.12983	0.09406	0.11993	1.93E-03	6.64E-06	3.12E-03	0.005059	1.97E-03	6.54E-06	3.47E-03	0.005452	1.88E-03	8.30E-06	6.66E-03	8.55E-03

4462	484863.09	3858377.25	0.15073	0.11358	0.13821	2.24E-03	8.02E-06	3.60E-03	0.005847	2.29E-03	7.89E-06	4.00E-03	0.0063	2.18E-03	1.00E-05	7.68E-03	9.87E-03
4463	485363.09	3858377.25	0.17533	0.12482	0.15983	2.61E-03	8.81E-06	4.16E-03	0.006777	2.67E-03	8.68E-06	4.63E-03	0.0073	2.53E-03	1.10E-05	8.88E-03	1.14E-02
4464	485863.09	3858377.25	0.21081	0.1541	0.1905	3.14E-03	1.09E-05	4.96E-03	0.008105	3.21E-03	1.07E-05	5.51E-03	0.008729	3.05E-03	1.36E-05	1.06E-02	1.36E-02
4465	486363.09	3858377.25	0.2605	0.19774	0.23287	3.88E-03	1.40E-05	6.06E-03	0.00995	3.96E-03	1.37E-05	6.74E-03	0.010714	3.76E-03	1.74E-05	1.29E-02	1.67E-02
4466	486863.09	3858377.25	0.333	0.19206	0.29444	4.96E-03	1.36E-05	7.66E-03	0.01263	5.06E-03	1.33E-05	8.52E-03	0.013598	4.81E-03	1.69E-05	1.64E-02	2.12E-02
4467	487363.09	3858377.25	0.48521	0.20531	0.42573	7.22E-03	1.45E-05	1.11E-02	0.018312	7.38E-03	1.43E-05	1.23E-02	0.019713	7.01E-03	1.81E-05	2.37E-02	3.07E-02
4468	487863.09	3858377.25	1.29617	0.226	1.49678	1.93E-02	1.60E-05	3.89E-02	0.058249	1.97E-02	1.57E-05	4.33E-02	0.063042	1.87E-02	1.99E-05	8.32E-02	1.02E-01
4469	488363.09	3858377.25	0.88158	0.23054	0.95053	1.31E-02	1.63E-05	2.47E-02	0.037867	1.34E-02	1.60E-05	2.75E-02	0.04093	1.27E-02	2.03E-05	5.28E-02	6.56E-02
4470	488863.09	3858377.25	0.54306	0.23196	0.54052	8.08E-03	1.64E-05	1.41E-02	0.022162	8.26E-03	1.61E-05	1.56E-02	0.023917	7.85E-03	2.05E-05	3.00E-02	3.79E-02
4471	489363.09	3858377.25	0.4052	0.2162	0.40323	6.03E-03	1.53E-05	1.05E-02	0.016537	6.16E-03	1.50E-05	1.17E-02	0.017846	5.86E-03	1.91E-05	2.24E-02	2.83E-02
4472	489863.09	3858377.25	0.32458	0.20008	0.32417	4.83E-03	1.41E-05	8.43E-03	0.013279	4.94E-03	1.39E-05	9.38E-03	0.014331	4.69E-03	1.77E-05	1.80E-02	2.27E-02
4473	490363.09	3858377.25	0.2682	0.18374	0.27116	3.99E-03	1.30E-05	7.05E-03	0.01106	4.08E-03	1.28E-05	7.85E-03	0.011938	3.88E-03	1.62E-05	1.51E-02	1.90E-02
4474	490863.09	3858377.25	0.22714	0.16647	0.23225	3.38E-03	1.18E-05	6.04E-03	0.009435	3.45E-03	1.16E-05	6.72E-03	0.010187	3.28E-03	1.47E-05	1.29E-02	1.62E-02
4475	491363.09	3858377.25	0.18925	0.14692	0.19706	2.82E-03	1.04E-05	5.13E-03	0.007954	2.88E-03	1.02E-05	5.70E-03	0.008591	2.73E-03	1.30E-05	1.09E-02	1.37E-02
4476	491863.09	3858377.25	0.13948	0.11371	0.14777	2.08E-03	8.03E-06	3.84E-03	0.005929	2.12E-03	7.90E-06	4.28E-03	0.006405	2.02E-03	1.00E-05	8.21E-03	1.02E-02
4477	492363.09	3858377.25	0.08933	0.07203	0.09233	1.33E-03	5.09E-06	2.40E-03	0.003737	1.36E-03	5.01E-06	2.67E-03	0.004035	1.29E-03	6.36E-06	5.13E-03	6.43E-03
4478	492863.09	3858377.25	0.09076	0.07426	0.09451	1.35E-03	5.24E-06	2.46E-03	0.003815	1.38E-03	5.16E-06	2.73E-03	0.00412	1.31E-03	6.55E-06	5.25E-03	6.57E-03
4479	493363.09	3858377.25	0.07555	0.06188	0.07814	1.12E-03	4.37E-06	2.03E-03	0.003162	1.15E-03	4.30E-06	2.26E-03	0.003414	1.09E-03	5.46E-06	4.34E-03	5.44E-03
4480	493863.09	3858377.25	0.0671	0.05532	0.06923	9.99E-04	3.91E-06	1.80E-03	0.002804	1.02E-03	3.84E-06	2.00E-03	0.003028	9.70E-04	4.88E-06	3.85E-03	4.82E-03
4481	494363.09	3858377.25	0.05849	0.04835	0.06023	8.71E-04	3.41E-06	1.57E-03	0.002441	8.90E-04	3.36E-06	1.74E-03	0.002636	8.45E-04	4.27E-06	3.35E-03	4.20E-03
4482	494863.09	3858377.25	0.05173	0.04284	0.0532	7.70E-04	3.02E-06	1.38E-03	0.002157	7.87E-04	2.98E-06	1.54E-03	0.002329	7.48E-04	3.78E-06	2.96E-03	3.71E-03
4483	495363.09	3858377.25	0.04484	0.03713	0.04598	6.67E-04	2.62E-06	1.20E-03	0.001866	6.82E-04	2.58E-06	1.33E-03	0.002015	6.48E-04	3.28E-06	2.55E-03	3.21E-03
4484	495863.09	3858377.25	0.04288	0.03574	0.04403	6.38E-04	2.52E-06	1.15E-03	0.001786	6.52E-04	2.48E-06	1.27E-03	0.001929	6.20E-04	3.15E-06	2.45E-03	3.07E-03
4485	496363.09	3858377.25	0.04073	0.03428	0.04185	6.06E-04	2.42E-06	1.09E-03	0.001697	6.19E-04	2.38E-06	1.21E-03	0.001833	5.89E-04	3.02E-06	2.33E-03	2.92E-03
4486	496863.09	3858377.25	0.04161	0.03556	0.04289	6.19E-04	2.51E-06	1.12E-03	0.001738	6.33E-04	2.47E-06	1.24E-03	0.001876	6.01E-04	3.14E-06	2.38E-03	2.99E-03
4487	497363.09	3858377.25	0.0409	0.03555	0.04225	6.09E-04	2.51E-06	1.10E-03	0.00171	6.22E-04	2.47E-06	1.22E-03	0.001847	5.91E-04	3.14E-06	2.35E-03	2.94E-03
4488	497863.09	3858377.25	0.04417	0.03926	0.04583	6.57E-04	2.77E-06	1.19E-03	0.001853	6.72E-04	2.73E-06	1.33E-03	0.002001	6.38E-04	3.46E-06	2.55E-03	3.19E-03
4489	498363.09	3858377.25	0.0487	0.04433	0.05087	7.25E-04	3.13E-06	1.32E-03	0.002051	7.41E-04	3.08E-06	1.47E-03	0.002216	7.04E-04	3.91E-06	2.83E-03	3.53E-03
4490	471363.09	3858877.25	0.00942	0.01051	0.0094	1.40E-04	7.42E-07	2.45E-04	0.000386	1.43E-04	7.30E-07	2.72E-04	0.000416	1.36E-04	9.27E-07	5.22E-04	6.59E-04
4491	471863.09	3858877.25	0.00977	0.01102	0.00972	1.45E-04	7.78E-07	2.53E-04	0.000399	1.49E-04	7.66E-07	2.81E-04	0.000431	1.41E-04	9.72E-07	5.40E-04	6.82E-04
4492	472363.09	3858877.25	0.01065	0.0121	0.01059	1.59E-04	8.54E-07	2.76E-04	0.000435	1.62E-04	8.41E-07	3.06E-04	0.000469	1.54E-04	1.07E-06	5.88E-04	7.43E-04
4493	472863.09	3858877.25	0.01144	0.01292	0.0114	1.70E-04	9.12E-07	2.97E-04	0.000468	1.74E-04	8.98E-07	3.30E-04	0.000505	1.65E-04	1.14E-06	6.33E-04	8.00E-04
4494	473363.09	3858877.25	0.01271	0.0142	0.01275	1.89E-04	1.00E-06	3.32E-04	0.000522	1.93E-04	9.87E-07	3.69E-04	0.000563	1.84E-04	1.25E-06	7.08E-04	8.93E-04
4495	473863.09	3858877.25	0.01299	0.01403	0.01307	1.93E-04	9.91E-07	3.40E-04	0.000534	1.98E-04	9.75E-07	3.78E-04	0.000577	1.88E-04	1.24E-06	7.26E-04	9.15E-04
4496	474363.09	3858877.25	0.01183	0.01213	0.01182	1.76E-04	8.56E-07	3.08E-04	0.000484	1.80E-04	8.43E-07	3.42E-04	0.000523	1.71E-04	1.07E-06	6.57E-04	8.29E-04
4497	474863.09	3858877.25	0.00543	0.00506	0.00525	8.08E-05	3.57E-07	1.37E-04	0.000218	8.26E-05	3.52E-07	1.52E-04	0.000235	7.85E-05	4.46E-07	2.92E-04	3.71E-04
4498	475363.09	3858877.25	0.00411	0.00382	0.00393	6.12E-05	2.70E-07	1.02E-04	0.000164	6.25E-05	2.66E-07	1.14E-04	0.000176	5.94E-05	3.37E-07	2.18E-04	2.78E-04
4499	475863.09	3858877.25	0.00474	0.00457	0.00456	7.06E-05	3.23E-07	1.19E-04	0.00019	7.21E-05	3.18E-07	1.32E-04	0.000204	6.85E-05	4.03E-07	2.53E-04	3.22E-04
4500	476363.09	3858877.25	0.00313	0.00289	0.00296	4.66E-05	2.04E-07	7.70E-05	0.000124	4.76E-05	2.01E-07	8.57E-05	0.000133	4.52E-05	2.55E-07	1.64E-04	2.10E-04
4501	476863.09	3858877.25	0.00395	0.00376	0.00376	5.88E-05	2.65E-07	9.78E-05	0.000157	6.01E-05	2.61E-07	1.09E-04	0.000169	5.71E-05	3.32E-07	2.09E-04	2.66E-04
4502	477363.09	3858877.25	0.0041	0.00383	0.00388	6.10E-05	2.70E-07	1.01E-04	0.000162	6.24E-05	2.66E-07	1.12E-04	0.000175	5.92E-05	3.38E-07	2.16E-04	2.75E-04
4503	477863.09	3858877.25	0.00513	0.00482	0.00484	7.64E-05	3.40E-07	1.26E-04	0.000203	7.80E-05	3.35E-07	1.40E-04	0.000218	7.41E-05	4.25E-07	2.69E-04	3.43E-04
4504	478363.09	3858877.25	0.01064	0.01019	0.01024	1.58E-04	7.19E-07	2.66E-04	0.000425	1.62E-04	7.08E-07	2.96E-04	0.000459	1.54E-04	8.99E-07	5.69E-04	7.24E-04
4505	478863.09	3858877.25	0.009	0.00836	0.00854	1.34E-04	5.90E-07	2.22E-04	0.000357	1.37E-04	5.81E-07	2.47E-04	0.000385	1.30E-04	7.38E-07	4.75E-04	6.05E-04
4506	479363.09	3858877.25	0.00737	0.00632	0.00695	1.10E-04	4.46E-07	1.81E-04	0.000291	1.12E-04	4.39E-07	2.01E-04	0.000314	1.06E-04	5.58E-07	3.86E-04	4.93E-04
4507	479863.09	3858877.25	0.03432	0.03149	0.03453	5.11E-04	2.22E-06	8.98E-04	0.001411	5.22E-04	2.19E-06	9.99E-04	0.001523	4.96E-04	2.78E-06	1.92E-03	2.42E-03
4508	480363.09	3858877.25	0.04039	0.03773	0.04041	6.01E-04	2.66E-06	1.05E-03	0.001655	6.14E-04	2.62E-06	1.17E-03	0.001786	5.84E-04	3.33E-06	2.25E-03	2.83E-03

4509	480863.09	3858877.25	0.04588	0.04322	0.04566	6.83E-04	3.05E-06	1.19E-03	0.001874	6.98E-04	3.00E-06	1.32E-03	0.002022	6.63E-04	3.81E-06	2.54E-03	3.20E-03
4510	481363.09	3858877.25	0.05131	0.04871	0.05067	7.64E-04	3.44E-06	1.32E-03	0.002085	7.80E-04	3.39E-06	1.47E-03	0.00225	7.41E-04	4.30E-06	2.82E-03	3.56E-03
4511	481863.09	3858877.25	0.05773	0.05395	0.05695	8.59E-04	3.81E-06	1.48E-03	0.002345	8.78E-04	3.75E-06	1.65E-03	0.00253	8.34E-04	4.76E-06	3.16E-03	4.00E-03
4512	482363.09	3858877.25	0.06362	0.05655	0.06276	9.47E-04	3.99E-06	1.63E-03	0.002584	9.68E-04	3.93E-06	1.82E-03	0.002788	9.19E-04	4.99E-06	3.49E-03	4.41E-03
4513	482863.09	3858877.25	0.07214	0.0635	0.07078	1.07E-03	4.48E-06	1.84E-03	0.00292	1.10E-03	4.41E-06	2.05E-03	0.00315	1.04E-03	5.60E-06	3.93E-03	4.98E-03
4514	483363.09	3858877.25	0.08326	0.06809	0.07831	1.24E-03	4.81E-06	2.04E-03	0.003281	1.27E-03	4.73E-06	2.27E-03	0.003537	1.20E-03	6.01E-06	4.35E-03	5.56E-03
4515	483863.09	3858877.25	0.09107	0.07057	0.08474	1.36E-03	4.98E-06	2.20E-03	0.003565	1.39E-03	4.90E-06	2.45E-03	0.003842	1.32E-03	6.23E-06	4.71E-03	6.03E-03
4516	484363.09	3858877.25	0.10161	0.07315	0.09422	1.51E-03	5.16E-06	2.45E-03	0.003969	1.55E-03	5.08E-06	2.73E-03	0.004277	1.47E-03	6.45E-06	5.24E-03	6.71E-03
4517	484863.09	3858877.25	0.11382	0.08052	0.10483	1.69E-03	5.69E-06	2.73E-03	0.004427	1.73E-03	5.60E-06	3.03E-03	0.00477	1.64E-03	7.10E-06	5.83E-03	7.48E-03
4518	485363.09	3858877.25	0.12714	0.09042	0.11633	1.89E-03	6.38E-06	3.03E-03	0.004925	1.93E-03	6.28E-06	3.37E-03	0.005306	1.84E-03	7.98E-06	6.46E-03	8.31E-03
4519	485863.09	3858877.25	0.14342	0.10922	0.13104	2.13E-03	7.71E-06	3.41E-03	0.005552	2.18E-03	7.59E-06	3.79E-03	0.005981	2.07E-03	9.64E-06	7.28E-03	9.36E-03
4520	486363.09	3858877.25	0.1602	0.11661	0.14496	2.38E-03	8.23E-06	3.77E-03	0.006164	2.44E-03	8.10E-06	4.19E-03	0.006639	2.31E-03	1.03E-05	8.05E-03	1.04E-02
4521	486863.09	3858877.25	0.1808	0.11039	0.16151	2.69E-03	7.79E-06	4.20E-03	0.006901	2.75E-03	7.67E-06	4.67E-03	0.007431	2.61E-03	9.74E-06	8.97E-03	1.16E-02
4522	487363.09	3858877.25	0.21174	0.11693	0.18466	3.15E-03	8.26E-06	4.80E-03	0.007964	3.22E-03	8.13E-06	5.34E-03	0.008572	3.06E-03	1.03E-05	1.03E-02	1.33E-02
4523	487863.09	3858877.25	0.2441	0.12405	0.2005	3.63E-03	8.76E-06	5.22E-03	0.008858	3.71E-03	8.62E-06	5.80E-03	0.009523	3.53E-03	1.09E-05	1.11E-02	1.47E-02
4524	488363.09	3858877.25	0.31969	0.12851	0.21341	4.76E-03	9.07E-06	5.55E-03	0.01032	4.86E-03	8.93E-06	6.18E-03	0.011047	4.62E-03	1.13E-05	1.19E-02	1.65E-02
4525	488863.09	3858877.25	1.13487	0.1241	0.21906	1.69E-02	8.76E-06	5.70E-03	0.0226	1.73E-02	8.63E-06	6.34E-03	0.023608	1.64E-02	1.09E-05	1.22E-02	2.86E-02
4526	489363.09	3858877.25	0.32218	0.12974	0.21911	4.80E-03	9.16E-06	5.70E-03	0.010505	4.90E-03	9.02E-06	6.34E-03	0.011249	4.66E-03	1.14E-05	1.22E-02	1.68E-02
4527	489863.09	3858877.25	0.24292	0.12992	0.20559	3.62E-03	9.17E-06	5.35E-03	0.008974	3.69E-03	9.03E-06	5.95E-03	0.009653	3.51E-03	1.15E-05	1.14E-02	1.49E-02
4528	490363.09	3858877.25	0.20299	0.1256	0.19011	3.02E-03	8.87E-06	4.95E-03	0.007976	3.09E-03	8.73E-06	5.50E-03	0.008597	2.93E-03	1.11E-05	1.06E-02	1.35E-02
4529	490863.09	3858877.25	0.16887	0.1172	0.16863	2.51E-03	8.28E-06	4.39E-03	0.006909	2.57E-03	8.15E-06	4.88E-03	0.007456	2.44E-03	1.03E-05	9.37E-03	1.18E-02
4530	491363.09	3858877.25	0.13005	0.09954	0.1355	1.94E-03	7.03E-06	3.53E-03	0.005468	1.98E-03	6.92E-06	3.92E-03	0.005906	1.88E-03	8.78E-06	7.53E-03	9.42E-03
4531	491863.09	3858877.25	0.09231	0.07161	0.09523	1.37E-03	5.06E-06	2.48E-03	0.003857	1.40E-03	4.98E-06	2.76E-03	0.004165	1.33E-03	6.32E-06	5.29E-03	6.63E-03
4532	492363.09	3858877.25	0.09931	0.07917	0.10388	1.48E-03	5.59E-06	2.70E-03	0.004186	1.51E-03	5.50E-06	3.01E-03	0.004522	1.44E-03	6.99E-06	5.77E-03	7.21E-03
4533	492863.09	3858877.25	0.10441	0.0851	0.10905	1.55E-03	6.01E-06	2.84E-03	0.004397	1.59E-03	5.91E-06	3.16E-03	0.004749	1.51E-03	7.51E-06	6.06E-03	7.58E-03
4534	493363.09	3858877.25	0.09182	0.07682	0.09615	1.37E-03	5.42E-06	2.50E-03	0.003874	1.40E-03	5.34E-06	2.78E-03	0.004184	1.33E-03	6.78E-06	5.34E-03	6.68E-03
4535	493863.09	3858877.25	0.07403	0.06215	0.07697	1.10E-03	4.39E-06	2.00E-03	0.003109	1.13E-03	4.32E-06	2.23E-03	0.003358	1.07E-03	5.48E-06	4.28E-03	5.35E-03
4536	494363.09	3858877.25	0.06674	0.05632	0.06933	9.93E-04	3.98E-06	1.80E-03	0.002801	1.02E-03	3.91E-06	2.01E-03	0.003025	9.64E-04	4.97E-06	3.85E-03	4.82E-03
4537	494863.09	3858877.25	0.05901	0.05012	0.06106	8.78E-04	3.54E-06	1.59E-03	0.00247	8.97E-04	3.48E-06	1.77E-03	0.002668	8.53E-04	4.42E-06	3.39E-03	4.25E-03
4538	495363.09	3858877.25	0.05218	0.04461	0.05386	7.77E-04	3.15E-06	1.40E-03	0.002181	7.94E-04	3.10E-06	1.56E-03	0.002355	7.54E-04	3.94E-06	2.99E-03	3.75E-03
4539	495863.09	3858877.25	0.04852	0.04166	0.05006	7.22E-04	2.94E-06	1.30E-03	0.002028	7.38E-04	2.90E-06	1.45E-03	0.002189	7.01E-04	3.68E-06	2.78E-03	3.49E-03
4540	496363.09	3858877.25	0.04691	0.04039	0.04849	6.98E-04	2.85E-06	1.26E-03	0.001963	7.13E-04	2.81E-06	1.40E-03	0.002119	6.78E-04	3.56E-06	2.69E-03	3.38E-03
4541	496863.09	3858877.25	0.0455	0.03918	0.04716	6.77E-04	2.77E-06	1.23E-03	0.001907	6.92E-04	2.72E-06	1.36E-03	0.002059	6.57E-04	3.46E-06	2.62E-03	3.28E-03
4542	497363.09	3858877.25	0.04403	0.03789	0.0457	6.55E-04	2.68E-06	1.19E-03	0.001847	6.70E-04	2.63E-06	1.32E-03	0.001995	6.36E-04	3.34E-06	2.54E-03	3.18E-03
4543	497863.09	3858877.25	0.04799	0.04158	0.05009	7.14E-04	2.94E-06	1.30E-03	0.00202	7.30E-04	2.89E-06	1.45E-03	0.002182	6.93E-04	3.67E-06	2.78E-03	3.48E-03
4544	498363.09	3858877.25	0.0513	0.04489	0.05374	7.64E-04	3.17E-06	1.40E-03	0.002165	7.80E-04	3.12E-06	1.56E-03	0.002338	7.41E-04	3.96E-06	2.99E-03	3.73E-03
4545	471363.09	3859377.25	0.00963	0.01086	0.00962	1.43E-04	7.67E-07	2.50E-04	0.000394	1.46E-04	7.55E-07	2.78E-04	0.000426	1.39E-04	9.58E-07	5.35E-04	6.75E-04
4546	471863.09	3859377.25	0.01017	0.01124	0.01018	1.51E-04	7.94E-07	2.65E-04	0.000417	1.55E-04	7.81E-07	2.95E-04	0.00045	1.47E-04	9.92E-07	5.66E-04	7.14E-04
4547	472363.09	3859377.25	0.01104	0.01194	0.01111	1.64E-04	8.43E-07	2.89E-04	0.000454	1.68E-04	8.30E-07	3.21E-04	0.00049	1.60E-04	1.05E-06	6.17E-04	7.78E-04
4548	472863.09	3859377.25	0.01183	0.01249	0.01197	1.76E-04	8.82E-07	3.11E-04	0.000488	1.80E-04	8.68E-07	3.46E-04	0.000527	1.71E-04	1.10E-06	6.65E-04	8.37E-04
4549	473363.09	3859377.25	0.01285	0.01346	0.01301	1.91E-04	9.50E-07	3.38E-04	0.000531	1.95E-04	9.36E-07	3.76E-04	0.000573	1.86E-04	1.19E-06	7.23E-04	9.10E-04
4550	473863.09	3859377.25	0.01352	0.01438	0.01364	2.01E-04	1.02E-06	3.55E-04	0.000557	2.06E-04	9.99E-07	3.95E-04	0.000601	1.95E-04	1.27E-06	7.58E-04	9.55E-04
4551	474363.09	3859377.25	0.01211	0.01292	0.01211	1.80E-04	9.12E-07	3.15E-04	0.000496	1.84E-04	8.98E-07	3.50E-04	0.000536	1.75E-04	1.14E-06	6.73E-04	8.49E-04
4552	474863.09	3859377.25	0.00861	0.00894	0.00843	1.28E-04	6.31E-07	2.19E-04	0.000348	1.31E-04	6.21E-07	2.44E-04	0.000376	1.24E-04	7.89E-07	4.68E-04	5.94E-04
4553	475363.09	3859377.25	0.00554	0.00557	0.00533	8.25E-05	3.93E-07	1.39E-04	0.000222	8.43E-05	3.87E-07	1.54E-04	0.000239	8.01E-05	4.91E-07	2.96E-04	3.77E-04
4554	475863.09	3859377.25	0.00369	0.00351	0.00352	5.49E-05	2.48E-07	9.16E-05	0.000147	5.61E-05	2.44E-07	1.02E-04	0.000158	5.33E-05	3.10E-07	1.96E-04	2.49E-04
4555	476363.09	3859377.25	0.00338	0.00314	0.0032	5.03E-05	2.22E-07	8.33E-05	0.000134	5.14E-05	2.18E-07	9.26E-05	0.000144	4.88E-05	2.77E-07	1.78E-04	2.27E-04

4556	476863.09	3859377.25	0.00283	0.00258	0.00263	4.21E-05	1.82E-07	6.84E-05	0.000111	4.30E-05	1.79E-07	7.61E-05	0.000119	4.09E-05	2.28E-07	1.46E-04	1.87E-04
4557	477363.09	3859377.25	0.00311	0.00283	0.00285	4.63E-05	2.00E-07	7.41E-05	0.000121	4.73E-05	1.97E-07	8.25E-05	0.00013	4.49E-05	2.50E-07	1.58E-04	2.04E-04
4558	477863.09	3859377.25	0.00564	0.00533	0.00532	8.40E-05	3.76E-07	1.38E-04	0.000223	8.58E-05	3.70E-07	1.54E-04	0.00024	8.15E-05	4.70E-07	2.96E-04	3.78E-04
4559	478363.09	3859377.25	0.00914	0.00846	0.00873	1.36E-04	5.97E-07	2.27E-04	0.000364	1.39E-04	5.88E-07	2.53E-04	0.000392	1.32E-04	7.46E-07	4.85E-04	6.18E-04
4560	478863.09	3859377.25	0.01543	0.01395	0.01526	2.30E-04	9.85E-07	3.97E-04	0.000628	2.35E-04	9.70E-07	4.42E-04	0.000677	2.23E-04	1.23E-06	8.48E-04	1.07E-03
4561	479363.09	3859377.25	0.02283	0.02077	0.02294	3.40E-04	1.47E-06	5.97E-04	0.000938	3.47E-04	1.44E-06	6.64E-04	0.001012	3.30E-04	1.83E-06	1.27E-03	1.61E-03
4562	479863.09	3859377.25	0.03007	0.02869	0.03024	4.48E-04	2.03E-06	7.87E-04	0.001236	4.57E-04	1.99E-06	8.75E-04	0.001334	4.35E-04	2.53E-06	1.68E-03	2.12E-03
4563	480363.09	3859377.25	0.03696	0.03597	0.03688	5.50E-04	2.54E-06	9.59E-04	0.001512	5.62E-04	2.50E-06	1.07E-03	0.001632	5.34E-04	3.17E-06	2.05E-03	2.59E-03
4564	480863.09	3859377.25	0.04211	0.0411	0.04155	6.27E-04	2.90E-06	1.08E-03	0.001711	6.40E-04	2.86E-06	1.20E-03	0.001846	6.08E-04	3.63E-06	2.31E-03	2.92E-03
4565	481363.09	3859377.25	0.047	0.04628	0.04597	7.00E-04	3.27E-06	1.20E-03	0.001899	7.15E-04	3.22E-06	1.33E-03	0.002048	6.79E-04	4.08E-06	2.55E-03	3.24E-03
4566	481863.09	3859377.25	0.05187	0.04763	0.05077	7.72E-04	3.36E-06	1.32E-03	0.002096	7.89E-04	3.31E-06	1.47E-03	0.002261	7.50E-04	4.20E-06	2.82E-03	3.57E-03
4567	482363.09	3859377.25	0.05677	0.05071	0.05542	8.45E-04	3.58E-06	1.44E-03	0.00229	8.63E-04	3.52E-06	1.60E-03	0.002471	8.20E-04	4.47E-06	3.08E-03	3.90E-03
4568	482863.09	3859377.25	0.06318	0.05715	0.06125	9.40E-04	4.04E-06	1.59E-03	0.002538	9.61E-04	3.97E-06	1.77E-03	0.002737	9.13E-04	5.04E-06	3.40E-03	4.32E-03
4569	483363.09	3859377.25	0.07046	0.05732	0.06711	1.05E-03	4.05E-06	1.75E-03	0.002799	1.07E-03	3.98E-06	1.94E-03	0.003018	1.02E-03	5.06E-06	3.73E-03	4.75E-03
4570	483863.09	3859377.25	0.07434	0.05332	0.06916	1.11E-03	3.76E-06	1.80E-03	0.00291	1.13E-03	3.71E-06	2.00E-03	0.003136	1.07E-03	4.70E-06	3.84E-03	4.92E-03
4571	484363.09	3859377.25	0.08103	0.05572	0.07508	1.21E-03	3.93E-06	1.95E-03	0.003163	1.23E-03	3.87E-06	2.17E-03	0.003409	1.17E-03	4.92E-06	4.17E-03	5.35E-03
4572	484863.09	3859377.25	0.08843	0.06422	0.08176	1.32E-03	4.53E-06	2.13E-03	0.003448	1.34E-03	4.46E-06	2.37E-03	0.003715	1.28E-03	5.67E-06	4.54E-03	5.83E-03
4573	485363.09	3859377.25	0.09548	0.07277	0.08771	1.42E-03	5.14E-06	2.28E-03	0.003708	1.45E-03	5.06E-06	2.54E-03	0.003995	1.38E-03	6.42E-06	4.87E-03	6.26E-03
4574	485863.09	3859377.25	0.10203	0.07706	0.09318	1.52E-03	5.44E-06	2.42E-03	0.003948	1.55E-03	5.36E-06	2.70E-03	0.004253	1.47E-03	6.80E-06	5.18E-03	6.66E-03
4575	486363.09	3859377.25	0.10934	0.07967	0.0988	1.63E-03	5.63E-06	2.57E-03	0.004203	1.66E-03	5.54E-06	2.86E-03	0.004527	1.58E-03	7.03E-06	5.49E-03	7.08E-03
4576	486863.09	3859377.25	0.11612	0.07548	0.10367	1.73E-03	5.33E-06	2.70E-03	0.004431	1.77E-03	5.25E-06	3.00E-03	0.004771	1.68E-03	6.66E-06	5.76E-03	7.45E-03
4577	487363.09	3859377.25	0.12286	0.07812	0.10821	1.83E-03	5.52E-06	2.82E-03	0.004649	1.87E-03	5.43E-06	3.13E-03	0.005005	1.78E-03	6.89E-06	6.01E-03	7.80E-03
4578	487863.09	3859377.25	0.13145	0.08017	0.113	1.96E-03	5.66E-06	2.94E-03	0.004902	2.00E-03	5.57E-06	3.27E-03	0.005275	1.90E-03	7.07E-06	6.28E-03	8.19E-03
4579	488363.09	3859377.25	0.13954	0.08546	0.11872	2.08E-03	6.03E-06	3.09E-03	0.005172	2.12E-03	5.94E-06	3.44E-03	0.005564	2.02E-03	7.54E-06	6.60E-03	8.62E-03
4580	488863.09	3859377.25	0.14076	0.08771	0.12303	2.10E-03	6.19E-06	3.20E-03	0.005302	2.14E-03	6.10E-06	3.56E-03	0.005707	2.03E-03	7.74E-06	6.84E-03	8.88E-03
4581	489363.09	3859377.25	0.13463	0.08363	0.11908	2.00E-03	5.90E-06	3.10E-03	0.005108	2.05E-03	5.81E-06	3.45E-03	0.005499	1.95E-03	7.38E-06	6.62E-03	8.57E-03
4582	489863.09	3859377.25	0.13761	0.08344	0.12278	2.05E-03	5.89E-06	3.19E-03	0.005248	2.09E-03	5.80E-06	3.55E-03	0.005652	1.99E-03	7.36E-06	6.82E-03	8.82E-03
4583	490363.09	3859377.25	0.1332	0.0876	0.12542	1.98E-03	6.19E-06	3.26E-03	0.005252	2.03E-03	6.09E-06	3.63E-03	0.005661	1.92E-03	7.73E-06	6.97E-03	8.90E-03
4584	490863.09	3859377.25	0.12174	0.08629	0.12014	1.81E-03	6.09E-06	3.13E-03	0.004944	1.85E-03	6.00E-06	3.48E-03	0.005334	1.76E-03	7.61E-06	6.68E-03	8.44E-03
4585	491363.09	3859377.25	0.09495	0.07246	0.0983	1.41E-03	5.12E-06	2.56E-03	0.003976	1.44E-03	5.04E-06	2.84E-03	0.004294	1.37E-03	6.39E-06	5.46E-03	6.84E-03
4586	491863.09	3859377.25	0.10333	0.07986	0.10546	1.54E-03	5.64E-06	2.74E-03	0.004287	1.57E-03	5.55E-06	3.05E-03	0.004629	1.49E-03	7.05E-06	5.86E-03	7.36E-03
4587	492363.09	3859377.25	0.09726	0.07751	0.09976	1.45E-03	5.47E-06	2.60E-03	0.004049	1.48E-03	5.39E-06	2.89E-03	0.004371	1.41E-03	6.84E-06	5.54E-03	6.96E-03
4588	492863.09	3859377.25	0.09262	0.07425	0.09501	1.38E-03	5.24E-06	2.47E-03	0.003856	1.41E-03	5.16E-06	2.75E-03	0.004163	1.34E-03	6.55E-06	5.28E-03	6.62E-03
4589	493363.09	3859377.25	0.08368	0.06759	0.0867	1.25E-03	4.77E-06	2.26E-03	0.003506	1.27E-03	4.70E-06	2.51E-03	0.003786	1.21E-03	5.96E-06	4.82E-03	6.03E-03
4590	493863.09	3859377.25	0.07921	0.06455	0.08224	1.18E-03	4.56E-06	2.14E-03	0.003323	1.20E-03	4.49E-06	2.38E-03	0.003589	1.14E-03	5.70E-06	4.57E-03	5.72E-03
4591	494363.09	3859377.25	0.07287	0.06077	0.07588	1.08E-03	4.29E-06	1.97E-03	0.003063	1.11E-03	4.22E-06	2.20E-03	0.003308	1.05E-03	5.36E-06	4.22E-03	5.27E-03
4592	494863.09	3859377.25	0.06271	0.0534	0.06544	9.33E-04	3.77E-06	1.70E-03	0.00264	9.54E-04	3.71E-06	1.89E-03	0.002851	9.06E-04	4.71E-06	3.64E-03	4.55E-03
4593	495363.09	3859377.25	0.05926	0.05098	0.06186	8.82E-04	3.60E-06	1.61E-03	0.002495	9.01E-04	3.54E-06	1.79E-03	0.002695	8.56E-04	4.50E-06	3.44E-03	4.30E-03
4594	495863.09	3859377.25	0.0545	0.04727	0.05684	8.11E-04	3.34E-06	1.48E-03	0.002293	8.29E-04	3.29E-06	1.64E-03	0.002477	7.88E-04	4.17E-06	3.16E-03	3.95E-03
4595	496363.09	3859377.25	0.05327	0.04662	0.05561	7.93E-04	3.29E-06	1.45E-03	0.002243	8.10E-04	3.24E-06	1.61E-03	0.002423	7.70E-04	4.11E-06	3.09E-03	3.86E-03
4596	496863.09	3859377.25	0.04772	0.04197	0.0497	7.10E-04	2.96E-06	1.29E-03	0.002006	7.26E-04	2.92E-06	1.44E-03	0.002167	6.90E-04	3.70E-06	2.76E-03	3.45E-03
4597	497363.09	3859377.25	0.04862	0.04301	0.05078	7.24E-04	3.04E-06	1.32E-03	0.002048	7.39E-04	2.99E-06	1.47E-03	0.002212	7.03E-04	3.79E-06	2.82E-03	3.53E-03
4598	497863.09	3859377.25	0.05126	0.04545	0.05361	7.63E-04	3.21E-06	1.39E-03	0.002161	7.80E-04	3.16E-06	1.55E-03	0.002334	7.41E-04	4.01E-06	2.98E-03	3.72E-03
4599	498363.09	3859377.25	0.05197	0.04603	0.05429	7.74E-04	3.25E-06	1.41E-03	0.002189	7.90E-04	3.20E-06	1.57E-03	0.002365	7.51E-04	4.06E-06	3.02E-03	3.77E-03
4600	471363.09	3859877.25	0.00994	0.01036	0.01	1.48E-04	7.32E-07	2.60E-04	0.000409	1.51E-04	7.20E-07	2.89E-04	0.000441	1.44E-04	9.14E-07	5.56E-04	7.00E-04
4601	471863.09	3859877.25	0.01056	0.01078	0.01067	1.57E-04	7.61E-07	2.78E-04	0.000436	1.61E-04	7.49E-07	3.09E-04	0.00047	1.53E-04	9.51E-07	5.93E-04	7.46E-04
4602	472363.09	3859877.25	0.01113	0.0113	0.01126	1.66E-04	7.98E-07	2.93E-04	0.000459	1.69E-04	7.85E-07	3.26E-04	0.000496	1.61E-04	9.97E-07	6.26E-04	7.88E-04

4603	472863.09	3859877.25	0.01205	0.01262	0.01215	1.79E-04	8.91E-07	3.16E-04	0.000496	1.83E-04	8.77E-07	3.52E-04	0.000536	1.74E-04	1.11E-06	6.75E-04	8.50E-04
4604	473363.09	3859877.25	0.01297	0.01429	0.013	1.93E-04	1.01E-06	3.38E-04	0.000532	1.97E-04	9.93E-07	3.76E-04	0.000574	1.87E-04	1.26E-06	7.22E-04	9.11E-04
4605	473863.09	3859877.25	0.01378	0.01571	0.01373	2.05E-04	1.11E-06	3.57E-04	0.000563	2.10E-04	1.09E-06	3.97E-04	0.000608	1.99E-04	1.39E-06	7.63E-04	9.63E-04
4606	474363.09	3859877.25	0.01296	0.01444	0.01289	1.93E-04	1.02E-06	3.35E-04	0.000529	1.97E-04	1.00E-06	3.73E-04	0.000571	1.87E-04	1.27E-06	7.16E-04	9.05E-04
4607	474863.09	3859877.25	0.01098	0.01133	0.01088	1.63E-04	8.00E-07	2.83E-04	0.000447	1.67E-04	7.87E-07	3.15E-04	0.000483	1.59E-04	1.00E-06	6.05E-04	7.64E-04
4608	475363.09	3859877.25	0.00665	0.00638	0.00645	9.90E-05	4.50E-07	1.68E-04	0.000267	1.01E-04	4.43E-07	1.87E-04	0.000288	9.61E-05	5.63E-07	3.58E-04	4.55E-04
4609	475863.09	3859877.25	0.00357	0.00333	0.00338	5.31E-05	2.35E-07	8.79E-05	0.000141	5.43E-05	2.31E-07	9.78E-05	0.000152	5.16E-05	2.94E-07	1.88E-04	2.40E-04
4610	476363.09	3859877.25	0.00232	0.00215	0.00213	3.45E-05	1.52E-07	5.54E-05	9.01E-05	3.53E-05	1.49E-07	6.16E-05	9.71E-05	3.35E-05	1.90E-07	1.18E-04	1.52E-04
4611	476863.09	3859877.25	0.00268	0.00254	0.00245	3.99E-05	1.79E-07	6.37E-05	0.000104	4.08E-05	1.77E-07	7.09E-05	0.000112	3.87E-05	2.24E-07	1.36E-04	1.75E-04
4612	477363.09	3859877.25	0.00288	0.0027	0.0026	4.29E-05	1.91E-07	6.76E-05	0.000111	4.38E-05	1.88E-07	7.52E-05	0.000119	4.16E-05	2.38E-07	1.44E-04	1.86E-04
4613	477863.09	3859877.25	0.00504	0.00459	0.00471	7.50E-05	3.24E-07	1.23E-04	0.000198	7.67E-05	3.19E-07	1.36E-04	0.000213	7.28E-05	4.05E-07	2.62E-04	3.35E-04
4614	478363.09	3859877.25	0.00899	0.00791	0.0086	1.34E-04	5.59E-07	2.24E-04	0.000358	1.37E-04	5.50E-07	2.49E-04	0.000386	1.30E-04	6.98E-07	4.78E-04	6.08E-04
4615	478863.09	3859877.25	0.01515	0.01381	0.01494	2.26E-04	9.75E-07	3.89E-04	0.000615	2.30E-04	9.60E-07	4.32E-04	0.000664	2.19E-04	1.22E-06	8.30E-04	1.05E-03
4616	479363.09	3859877.25	0.02324	0.02284	0.02327	3.46E-04	1.61E-06	6.05E-04	0.000953	3.53E-04	1.59E-06	6.73E-04	0.001028	3.36E-04	2.02E-06	1.29E-03	1.63E-03
4617	479863.09	3859877.25	0.02956	0.02953	0.02956	4.40E-04	2.09E-06	7.69E-04	0.001211	4.50E-04	2.05E-06	8.55E-04	0.001307	4.27E-04	2.61E-06	1.64E-03	2.07E-03
4618	480363.09	3859877.25	0.03466	0.03359	0.03434	5.16E-04	2.37E-06	8.93E-04	0.001412	5.27E-04	2.33E-06	9.94E-04	0.001523	5.01E-04	2.96E-06	1.91E-03	2.41E-03
4619	480863.09	3859877.25	0.03857	0.0378	0.03775	5.74E-04	2.67E-06	9.82E-04	0.001559	5.87E-04	2.63E-06	1.09E-03	0.001682	5.57E-04	3.34E-06	2.10E-03	2.66E-03
4620	481363.09	3859877.25	0.04245	0.04119	0.04132	6.32E-04	2.91E-06	1.07E-03	0.00171	6.46E-04	2.86E-06	1.20E-03	0.001844	6.13E-04	3.63E-06	2.30E-03	2.91E-03
4621	481863.09	3859877.25	0.04596	0.04248	0.04486	6.84E-04	3.00E-06	1.17E-03	0.001854	6.99E-04	2.95E-06	1.30E-03	0.002	6.64E-04	3.75E-06	2.49E-03	3.16E-03
4622	482363.09	3859877.25	0.05001	0.04477	0.04854	7.44E-04	3.16E-06	1.26E-03	0.00201	7.61E-04	3.11E-06	1.40E-03	0.002168	7.23E-04	3.95E-06	2.70E-03	3.42E-03
4623	482863.09	3859877.25	0.05426	0.04483	0.05268	8.08E-04	3.17E-06	1.37E-03	0.002181	8.25E-04	3.12E-06	1.52E-03	0.002353	7.84E-04	3.96E-06	2.93E-03	3.72E-03
4624	483363.09	3859877.25	0.05875	0.04511	0.05634	8.74E-04	3.19E-06	1.47E-03	0.002343	8.94E-04	3.14E-06	1.63E-03	0.002527	8.49E-04	3.98E-06	3.13E-03	3.98E-03
4625	483863.09	3859877.25	0.062	0.04475	0.05773	9.23E-04	3.16E-06	1.50E-03	0.002428	9.43E-04	3.11E-06	1.67E-03	0.002617	8.96E-04	3.95E-06	3.21E-03	4.11E-03
4626	484363.09	3859877.25	0.0654	0.04598	0.06051	9.73E-04	3.25E-06	1.57E-03	0.002551	9.95E-04	3.20E-06	1.75E-03	0.002749	9.45E-04	4.06E-06	3.36E-03	4.31E-03
4627	484863.09	3859877.25	0.06978	0.05299	0.06425	1.04E-03	3.74E-06	1.67E-03	0.002714	1.06E-03	3.68E-06	1.86E-03	0.002924	1.01E-03	4.68E-06	3.57E-03	4.58E-03
4628	485363.09	3859877.25	0.07377	0.05866	0.06742	1.10E-03	4.14E-06	1.75E-03	0.002856	1.12E-03	4.08E-06	1.95E-03	0.003077	1.07E-03	5.18E-06	3.75E-03	4.82E-03
4629	485863.09	3859877.25	0.07714	0.05746	0.06992	1.15E-03	4.06E-06	1.82E-03	0.002971	1.17E-03	3.99E-06	2.02E-03	0.0032	1.11E-03	5.07E-06	3.89E-03	5.00E-03
4630	486363.09	3859877.25	0.08007	0.05854	0.07236	1.19E-03	4.13E-06	1.88E-03	0.003078	1.22E-03	4.07E-06	2.09E-03	0.003316	1.16E-03	5.17E-06	4.02E-03	5.18E-03
4631	486863.09	3859877.25	0.08321	0.05717	0.0751	1.24E-03	4.04E-06	1.95E-03	0.003196	1.27E-03	3.97E-06	2.17E-03	0.003443	1.20E-03	5.04E-06	4.17E-03	5.38E-03
4632	487363.09	3859877.25	0.08417	0.05764	0.07516	1.25E-03	4.07E-06	1.96E-03	0.003212	1.28E-03	4.01E-06	2.17E-03	0.003459	1.22E-03	5.09E-06	4.18E-03	5.40E-03
4633	487863.09	3859877.25	0.08785	0.05939	0.07799	1.31E-03	4.19E-06	2.03E-03	0.003341	1.34E-03	4.13E-06	2.26E-03	0.003597	1.27E-03	5.24E-06	4.33E-03	5.61E-03
4634	488363.09	3859877.25	0.08872	0.06125	0.07969	1.32E-03	4.32E-06	2.07E-03	0.003398	1.35E-03	4.26E-06	2.31E-03	0.00366	1.28E-03	5.40E-06	4.43E-03	5.72E-03
4635	488863.09	3859877.25	0.09079	0.06411	0.08392	1.35E-03	4.53E-06	2.18E-03	0.003539	1.38E-03	4.46E-06	2.43E-03	0.003814	1.31E-03	5.66E-06	4.66E-03	5.98E-03
4636	489363.09	3859877.25	0.09071	0.06539	0.08547	1.35E-03	4.62E-06	2.22E-03	0.003578	1.38E-03	4.54E-06	2.47E-03	0.003857	1.31E-03	5.77E-06	4.75E-03	6.07E-03
4637	489863.09	3859877.25	0.08585	0.06243	0.08158	1.28E-03	4.41E-06	2.12E-03	0.003405	1.31E-03	4.34E-06	2.36E-03	0.003671	1.24E-03	5.51E-06	4.53E-03	5.78E-03
4638	490363.09	3859877.25	0.08417	0.05978	0.07995	1.25E-03	4.22E-06	2.08E-03	0.003337	1.28E-03	4.15E-06	2.31E-03	0.003598	1.22E-03	5.27E-06	4.44E-03	5.66E-03
4639	490863.09	3859877.25	0.08765	0.06219	0.08451	1.30E-03	4.39E-06	2.20E-03	0.003508	1.33E-03	4.32E-06	2.45E-03	0.003783	1.27E-03	5.49E-06	4.70E-03	5.97E-03
4640	491363.09	3859877.25	0.08704	0.06426	0.08565	1.30E-03	4.54E-06	2.23E-03	0.003528	1.32E-03	4.47E-06	2.48E-03	0.003807	1.26E-03	5.67E-06	4.76E-03	6.02E-03
4641	491863.09	3859877.25	0.08482	0.06473	0.0849	1.26E-03	4.57E-06	2.21E-03	0.003476	1.29E-03	4.50E-06	2.46E-03	0.003751	1.23E-03	5.71E-06	4.72E-03	5.95E-03
4642	492363.09	3859877.25	0.08175	0.06414	0.08268	1.22E-03	4.53E-06	2.15E-03	0.003372	1.24E-03	4.46E-06	2.39E-03	0.00364	1.18E-03	5.66E-06	4.59E-03	5.78E-03
4643	492863.09	3859877.25	0.07788	0.06266	0.07901	1.16E-03	4.42E-06	2.06E-03	0.003219	1.18E-03	4.36E-06	2.29E-03	0.003475	1.13E-03	5.53E-06	4.39E-03	5.52E-03
4644	493363.09	3859877.25	0.0741	0.0609	0.0754	1.10E-03	4.30E-06	1.96E-03	0.003069	1.13E-03	4.23E-06	2.18E-03	0.003313	1.07E-03	5.37E-06	4.19E-03	5.27E-03
4645	493863.09	3859877.25	0.07041	0.05837	0.07183	1.05E-03	4.12E-06	1.87E-03	0.002921	1.07E-03	4.06E-06	2.08E-03	0.003153	1.02E-03	5.15E-06	3.99E-03	5.01E-03
4646	494363.09	3859877.25	0.06623	0.05498	0.06786	9.86E-04	3.88E-06	1.77E-03	0.002755	1.01E-03	3.82E-06	1.96E-03	0.002975	9.57E-04	4.85E-06	3.77E-03	4.73E-03
4647	494863.09	3859877.25	0.06339	0.05258	0.0651	9.44E-04	3.71E-06	1.69E-03	0.002641	9.64E-04	3.65E-06	1.88E-03	0.002852	9.16E-04	4.64E-06	3.62E-03	4.54E-03
4648	495363.09	3859877.25	0.05994	0.05018	0.06182	8.92E-04	3.54E-06	1.61E-03	0.002504	9.12E-04	3.49E-06	1.79E-03	0.002704	8.66E-04	4.43E-06	3.44E-03	4.31E-03
4649	495863.09	3859877.25	0.0563	0.04778	0.05832	8.38E-04	3.37E-06	1.52E-03	0.002359	8.56E-04	3.32E-06	1.69E-03	0.002547	8.14E-04	4.22E-06	3.24E-03	4.06E-03

4650	496363.09	3859877.25	0.05087	0.04375	0.05297	7.57E-04	3.09E-06	1.38E-03	0.002138	7.74E-04	3.04E-06	1.53E-03	0.00231	7.35E-04	3.86E-06	2.94E-03	3.68E-03
4651	496863.09	3859877.25	0.03932	0.03398	0.04078	5.85E-04	2.40E-06	1.06E-03	0.001649	5.98E-04	2.36E-06	1.18E-03	0.00178	5.68E-04	3.00E-06	2.27E-03	2.84E-03
4652	497363.09	3859877.25	0.04556	0.04026	0.04758	6.78E-04	2.84E-06	1.24E-03	0.001919	6.93E-04	2.80E-06	1.38E-03	0.002073	6.58E-04	3.55E-06	2.64E-03	3.31E-03
4653	497863.09	3859877.25	0.04913	0.04361	0.05116	7.31E-04	3.08E-06	1.33E-03	0.002065	7.47E-04	3.03E-06	1.48E-03	0.002231	7.10E-04	3.85E-06	2.84E-03	3.56E-03
4654	498363.09	3859877.25	0.04865	0.04344	0.05082	7.24E-04	3.07E-06	1.32E-03	0.002049	7.40E-04	3.02E-06	1.47E-03	0.002214	7.03E-04	3.83E-06	2.82E-03	3.53E-03
4655	471363.09	3860377.25	0.01012	0.01024	0.0102	1.51E-04	7.23E-07	2.65E-04	0.000417	1.54E-04	7.12E-07	2.95E-04	0.00045	1.46E-04	9.04E-07	5.67E-04	7.14E-04
4656	471863.09	3860377.25	0.01072	0.01119	0.01079	1.60E-04	7.90E-07	2.81E-04	0.000441	1.63E-04	7.78E-07	3.12E-04	0.000476	1.55E-04	9.87E-07	6.00E-04	7.55E-04
4657	472363.09	3860377.25	0.01145	0.01256	0.01145	1.70E-04	8.87E-07	2.98E-04	0.000469	1.74E-04	8.73E-07	3.31E-04	0.000506	1.65E-04	1.11E-06	6.36E-04	8.03E-04
4658	472863.09	3860377.25	0.01226	0.0139	0.01219	1.82E-04	9.81E-07	3.17E-04	0.000501	1.86E-04	9.66E-07	3.53E-04	0.00054	1.77E-04	1.23E-06	6.77E-04	8.56E-04
4659	473363.09	3860377.25	0.01301	0.01456	0.01287	1.94E-04	1.03E-06	3.35E-04	0.00053	1.98E-04	1.01E-06	3.72E-04	0.000571	1.88E-04	1.28E-06	7.15E-04	9.04E-04
4660	473863.09	3860377.25	0.01363	0.01434	0.01348	2.03E-04	1.01E-06	3.51E-04	0.000555	2.07E-04	9.97E-07	3.90E-04	0.000598	1.97E-04	1.27E-06	7.49E-04	9.47E-04
4661	474363.09	3860377.25	0.01381	0.01328	0.0137	2.06E-04	9.38E-07	3.56E-04	0.000563	2.10E-04	9.23E-07	3.96E-04	0.000607	2.00E-04	1.17E-06	7.61E-04	9.62E-04
4662	474863.09	3860377.25	0.01339	0.0121	0.01335	1.99E-04	8.54E-07	3.47E-04	0.000547	2.04E-04	8.41E-07	3.86E-04	0.000591	1.93E-04	1.07E-06	7.42E-04	9.36E-04
4663	475363.09	3860377.25	0.01172	0.01063	0.01168	1.74E-04	7.51E-07	3.04E-04	0.000479	1.78E-04	7.39E-07	3.38E-04	0.000517	1.69E-04	9.38E-07	6.49E-04	8.19E-04
4664	475863.09	3860377.25	0.00963	0.00909	0.00949	1.43E-04	6.42E-07	2.47E-04	0.000391	1.46E-04	6.32E-07	2.75E-04	0.000422	1.39E-04	8.02E-07	5.27E-04	6.67E-04
4665	476363.09	3860377.25	0.00745	0.0072	0.0072	1.11E-04	5.08E-07	1.87E-04	0.000299	1.13E-04	5.00E-07	2.08E-04	0.000322	1.08E-04	6.35E-07	4.00E-04	5.08E-04
4666	476863.09	3860377.25	0.00671	0.0064	0.0064	9.99E-05	4.52E-07	1.67E-04	0.000267	1.02E-04	4.45E-07	1.85E-04	0.000288	9.70E-05	5.65E-07	3.56E-04	4.53E-04
4667	477363.09	3860377.25	0.00415	0.00368	0.00383	6.18E-05	2.60E-07	9.96E-05	0.000162	6.31E-05	2.56E-07	1.11E-04	0.000174	6.00E-05	3.25E-07	2.13E-04	2.73E-04
4668	477863.09	3860377.25	0.00524	0.00446	0.00489	7.80E-05	3.15E-07	1.27E-04	0.000206	7.97E-05	3.10E-07	1.42E-04	0.000222	7.57E-05	3.94E-07	2.72E-04	3.48E-04
4669	478363.09	3860377.25	0.00995	0.00881	0.00965	1.48E-04	6.22E-07	2.51E-04	0.0004	1.51E-04	6.12E-07	2.79E-04	0.000431	1.44E-04	7.77E-07	5.36E-04	6.81E-04
4670	478863.09	3860377.25	0.01547	0.01462	0.01533	2.30E-04	1.03E-06	3.99E-04	0.00063	2.35E-04	1.02E-06	4.44E-04	0.00068	2.24E-04	1.29E-06	8.52E-04	1.08E-03
4671	479363.09	3860377.25	0.02224	0.02184	0.02231	3.31E-04	1.54E-06	5.80E-04	0.000913	3.38E-04	1.52E-06	6.46E-04	0.000985	3.21E-04	1.93E-06	1.24E-03	1.56E-03
4672	479863.09	3860377.25	0.02807	0.02694	0.02803	4.18E-04	1.90E-06	7.29E-04	0.001149	4.27E-04	1.87E-06	8.11E-04	0.00124	4.06E-04	2.38E-06	1.56E-03	1.97E-03
4673	480363.09	3860377.25	0.03207	0.03172	0.03159	4.77E-04	2.24E-06	8.22E-04	0.001301	4.88E-04	2.20E-06	9.14E-04	0.001404	4.63E-04	2.80E-06	1.76E-03	2.22E-03
4674	480863.09	3860377.25	0.03518	0.03589	0.03422	5.24E-04	2.53E-06	8.90E-04	0.001416	5.35E-04	2.49E-06	9.90E-04	0.001528	5.08E-04	3.17E-06	1.90E-03	2.41E-03
4675	481363.09	3860377.25	0.03786	0.03576	0.03685	5.64E-04	2.52E-06	9.59E-04	0.001525	5.76E-04	2.49E-06	1.07E-03	0.001645	5.47E-04	3.16E-06	2.05E-03	2.60E-03
4676	481863.09	3860377.25	0.04072	0.03453	0.03963	6.06E-04	2.44E-06	1.03E-03	0.00164	6.19E-04	2.40E-06	1.15E-03	0.001768	5.88E-04	3.05E-06	2.20E-03	2.79E-03
4677	482363.09	3860377.25	0.04375	0.03641	0.04222	6.51E-04	2.57E-06	1.10E-03	0.001752	6.65E-04	2.53E-06	1.22E-03	0.00189	6.32E-04	3.21E-06	2.35E-03	2.98E-03
4678	482863.09	3860377.25	0.04668	0.03771	0.04485	6.95E-04	2.66E-06	1.17E-03	0.001864	7.10E-04	2.62E-06	1.30E-03	0.00201	6.75E-04	3.33E-06	2.49E-03	3.17E-03
4679	483363.09	3860377.25	0.04992	0.03851	0.0472	7.43E-04	2.72E-06	1.23E-03	0.001974	7.59E-04	2.68E-06	1.37E-03	0.002128	7.21E-04	3.40E-06	2.62E-03	3.35E-03
4680	483863.09	3860377.25	0.05287	0.03906	0.04948	7.87E-04	2.76E-06	1.29E-03	0.002077	8.04E-04	2.71E-06	1.43E-03	0.002239	7.64E-04	3.45E-06	2.75E-03	3.52E-03
4681	484363.09	3860377.25	0.05416	0.03983	0.04981	8.06E-04	2.81E-06	1.30E-03	0.002105	8.24E-04	2.77E-06	1.44E-03	0.002268	7.83E-04	3.51E-06	2.77E-03	3.55E-03
4682	484863.09	3860377.25	0.05669	0.04408	0.05191	8.44E-04	3.11E-06	1.35E-03	0.002197	8.62E-04	3.06E-06	1.50E-03	0.002367	8.19E-04	3.89E-06	2.88E-03	3.71E-03
4683	485363.09	3860377.25	0.05887	0.04708	0.05369	8.76E-04	3.32E-06	1.40E-03	0.002276	8.95E-04	3.27E-06	1.55E-03	0.002452	8.51E-04	4.15E-06	2.98E-03	3.84E-03
4684	485863.09	3860377.25	0.06069	0.04591	0.05519	9.03E-04	3.24E-06	1.44E-03	0.002342	9.23E-04	3.19E-06	1.60E-03	0.002523	8.77E-04	4.05E-06	3.07E-03	3.95E-03
4685	486363.09	3860377.25	0.0614	0.04524	0.05576	9.14E-04	3.19E-06	1.45E-03	0.002368	9.34E-04	3.14E-06	1.61E-03	0.002551	8.87E-04	3.99E-06	3.10E-03	3.99E-03
4686	486863.09	3860377.25	0.06197	0.04409	0.05594	9.22E-04	3.11E-06	1.46E-03	0.002381	9.42E-04	3.06E-06	1.62E-03	0.002564	8.95E-04	3.89E-06	3.11E-03	4.01E-03
4687	487363.09	3860377.25	0.06246	0.04439	0.05596	9.30E-04	3.13E-06	1.46E-03	0.002389	9.50E-04	3.09E-06	1.62E-03	0.002572	9.03E-04	3.92E-06	3.11E-03	4.02E-03
4688	487863.09	3860377.25	0.06367	0.04661	0.05725	9.48E-04	3.29E-06	1.49E-03	0.00244	9.68E-04	3.24E-06	1.66E-03	0.002628	9.20E-04	4.11E-06	3.18E-03	4.11E-03
4689	488363.09	3860377.25	0.06431	0.04647	0.05881	9.57E-04	3.28E-06	1.53E-03	0.002491	9.78E-04	3.23E-06	1.70E-03	0.002683	9.29E-04	4.10E-06	3.27E-03	4.20E-03
4690	488863.09	3860377.25	0.06505	0.04861	0.06067	9.68E-04	3.43E-06	1.58E-03	0.00255	9.89E-04	3.38E-06	1.76E-03	0.002748	9.40E-04	4.29E-06	3.37E-03	4.32E-03
4691	489363.09	3860377.25	0.06616	0.05001	0.06291	9.85E-04	3.53E-06	1.64E-03	0.002625	1.01E-03	3.48E-06	1.82E-03	0.00283	9.56E-04	4.41E-06	3.50E-03	4.46E-03
4692	489863.09	3860377.25	0.06642	0.05114	0.06409	9.89E-04	3.61E-06	1.67E-03	0.00266	1.01E-03	3.55E-06	1.85E-03	0.002868	9.60E-04	4.51E-06	3.56E-03	4.53E-03
4693	490363.09	3860377.25	0.06282	0.0489	0.06094	9.35E-04	3.45E-06	1.59E-03	0.002524	9.55E-04	3.40E-06	1.76E-03	0.002722	9.08E-04	4.31E-06	3.39E-03	4.30E-03
4694	490863.09	3860377.25	0.05998	0.0463	0.05835	8.93E-04	3.27E-06	1.52E-03	0.002414	9.12E-04	3.22E-06	1.69E-03	0.002604	8.67E-04	4.09E-06	3.24E-03	4.11E-03
4695	491363.09	3860377.25	0.06052	0.04586	0.0589	9.01E-04	3.24E-06	1.53E-03	0.002436	9.20E-04	3.19E-06	1.70E-03	0.002628	8.75E-04	4.05E-06	3.27E-03	4.15E-03
4696	491863.09	3860377.25	0.06234	0.04753	0.06129	9.28E-04	3.36E-06	1.59E-03	0.002526	9.48E-04	3.30E-06	1.77E-03	0.002725	9.01E-04	4.19E-06	3.41E-03	4.31E-03

4697	492363.09	3860377.25	0.06349	0.04981	0.06362	9.45E-04	3.52E-06	1.66E-03	0.002604	9.66E-04	3.46E-06	1.84E-03	0.00281	9.17E-04	4.39E-06	3.54E-03	4.46E-03
4698	492863.09	3860377.25	0.0624	0.05016	0.0632	9.29E-04	3.54E-06	1.64E-03	0.002577	9.49E-04	3.49E-06	1.83E-03	0.002781	9.02E-04	4.43E-06	3.51E-03	4.42E-03
4699	493363.09	3860377.25	0.06121	0.05049	0.06271	9.11E-04	3.57E-06	1.63E-03	0.002546	9.31E-04	3.51E-06	1.81E-03	0.002749	8.84E-04	4.45E-06	3.48E-03	4.37E-03
4700	493863.09	3860377.25	0.05905	0.04971	0.06073	8.79E-04	3.51E-06	1.58E-03	0.002462	8.98E-04	3.45E-06	1.76E-03	0.002659	8.53E-04	4.39E-06	3.37E-03	4.23E-03
4701	494363.09	3860377.25	0.05709	0.0488	0.05899	8.50E-04	3.45E-06	1.53E-03	0.002388	8.68E-04	3.39E-06	1.71E-03	0.002579	8.25E-04	4.31E-06	3.28E-03	4.11E-03
4702	494863.09	3860377.25	0.05487	0.0473	0.05687	8.17E-04	3.34E-06	1.48E-03	0.0023	8.35E-04	3.29E-06	1.65E-03	0.002483	7.93E-04	4.17E-06	3.16E-03	3.96E-03
4703	495363.09	3860377.25	0.05298	0.04583	0.05501	7.89E-04	3.24E-06	1.43E-03	0.002223	8.06E-04	3.19E-06	1.59E-03	0.002401	7.66E-04	4.04E-06	3.06E-03	3.83E-03
4704	495863.09	3860377.25	0.05045	0.04307	0.05181	7.51E-04	3.04E-06	1.35E-03	0.002102	7.67E-04	2.99E-06	1.50E-03	0.00227	7.29E-04	3.80E-06	2.88E-03	3.61E-03
4705	496363.09	3860377.25	0.04676	0.04025	0.0483	6.96E-04	2.84E-06	1.26E-03	0.001955	7.11E-04	2.80E-06	1.40E-03	0.002112	6.76E-04	3.55E-06	2.68E-03	3.36E-03
4706	496863.09	3860377.25	0.04324	0.03754	0.04485	6.44E-04	2.65E-06	1.17E-03	0.001813	6.58E-04	2.61E-06	1.30E-03	0.001958	6.25E-04	3.31E-06	2.49E-03	3.12E-03
4707	497363.09	3860377.25	0.03876	0.03371	0.04033	5.77E-04	2.38E-06	1.05E-03	0.001629	5.89E-04	2.34E-06	1.17E-03	0.001759	5.60E-04	2.97E-06	2.24E-03	2.80E-03
4708	497863.09	3860377.25	0.04247	0.03689	0.04407	6.32E-04	2.60E-06	1.15E-03	0.001781	6.46E-04	2.56E-06	1.28E-03	0.001924	6.14E-04	3.25E-06	2.45E-03	3.07E-03
4709	498363.09	3860377.25	0.04319	0.03803	0.0449	6.43E-04	2.69E-06	1.17E-03	0.001814	6.57E-04	2.64E-06	1.30E-03	0.001959	6.24E-04	3.36E-06	2.49E-03	3.12E-03
4710	471363.09	3860877.25	0.01029	0.01123	0.01028	1.53E-04	7.93E-07	2.67E-04	0.000421	1.56E-04	7.81E-07	2.97E-04	0.000455	1.49E-04	9.91E-07	5.71E-04	7.21E-04
4711	471863.09	3860877.25	0.0109	0.01228	0.01083	1.62E-04	8.67E-07	2.82E-04	0.000445	1.66E-04	8.53E-07	3.13E-04	0.00048	1.58E-04	1.08E-06	6.02E-04	7.60E-04
4712	472363.09	3860877.25	0.01149	0.01285	0.01137	1.71E-04	9.07E-07	2.96E-04	0.000468	1.75E-04	8.93E-07	3.29E-04	0.000505	1.66E-04	1.13E-06	6.32E-04	7.99E-04
4713	472863.09	3860877.25	0.01215	0.01288	0.012	1.81E-04	9.09E-07	3.12E-04	0.000494	1.85E-04	8.95E-07	3.47E-04	0.000533	1.76E-04	1.14E-06	6.67E-04	8.44E-04
4714	473363.09	3860877.25	0.01274	0.01247	0.01258	1.90E-04	8.80E-07	3.27E-04	0.000518	1.94E-04	8.67E-07	3.64E-04	0.000559	1.84E-04	1.10E-06	6.99E-04	8.84E-04
4715	473863.09	3860877.25	0.01331	0.01212	0.01318	1.98E-04	8.56E-07	3.43E-04	0.000542	2.02E-04	8.42E-07	3.81E-04	0.000585	1.92E-04	1.07E-06	7.32E-04	9.26E-04
4716	474363.09	3860877.25	0.01385	0.01218	0.01373	2.06E-04	8.60E-07	3.57E-04	0.000564	2.11E-04	8.47E-07	3.97E-04	0.000609	2.00E-04	1.07E-06	7.63E-04	9.64E-04
4717	474863.09	3860877.25	0.01448	0.0129	0.01437	2.16E-04	9.11E-07	3.74E-04	0.00059	2.20E-04	8.97E-07	4.16E-04	0.000637	2.09E-04	1.14E-06	7.98E-04	1.01E-03
4718	475363.09	3860877.25	0.01454	0.01361	0.01451	2.16E-04	9.61E-07	3.77E-04	0.000595	2.21E-04	9.46E-07	4.20E-04	0.000642	2.10E-04	1.20E-06	8.06E-04	1.02E-03
4719	475863.09	3860877.25	0.0139	0.01366	0.01391	2.07E-04	9.65E-07	3.62E-04	0.00057	2.11E-04	9.49E-07	4.03E-04	0.000615	2.01E-04	1.21E-06	7.73E-04	9.75E-04
4720	476363.09	3860877.25	0.01243	0.01237	0.01242	1.85E-04	8.73E-07	3.23E-04	0.000509	1.89E-04	8.60E-07	3.59E-04	0.000549	1.80E-04	1.09E-06	6.90E-04	8.71E-04
4721	476863.09	3860877.25	0.0119	0.01147	0.01185	1.77E-04	8.10E-07	3.08E-04	0.000486	1.81E-04	7.97E-07	3.43E-04	0.000525	1.72E-04	1.01E-06	6.58E-04	8.31E-04
4722	477363.09	3860877.25	0.01231	0.01142	0.01229	1.83E-04	8.06E-07	3.20E-04	0.000504	1.87E-04	7.94E-07	3.56E-04	0.000544	1.78E-04	1.01E-06	6.83E-04	8.62E-04
4723	477863.09	3860877.25	0.01054	0.0093	0.01038	1.57E-04	6.57E-07	2.70E-04	0.000428	1.60E-04	6.46E-07	3.00E-04	0.000461	1.52E-04	8.21E-07	5.77E-04	7.30E-04
4724	478363.09	3860877.25	0.00622	0.00511	0.00585	9.26E-05	3.61E-07	1.52E-04	0.000245	9.46E-05	3.55E-07	1.69E-04	0.000264	8.99E-05	4.51E-07	3.25E-04	4.15E-04
4725	478863.09	3860877.25	0.01432	0.01359	0.01422	2.13E-04	9.60E-07	3.70E-04	0.000584	2.18E-04	9.45E-07	4.11E-04	0.00063	2.07E-04	1.20E-06	7.90E-04	9.98E-04
4726	479363.09	3860877.25	0.02128	0.02107	0.02141	3.17E-04	1.49E-06	5.57E-04	0.000875	3.24E-04	1.46E-06	6.20E-04	0.000945	3.07E-04	1.86E-06	1.19E-03	1.50E-03
4727	479863.09	3860877.25	0.02615	0.0266	0.02604	3.89E-04	1.88E-06	6.77E-04	0.001069	3.98E-04	1.85E-06	7.54E-04	0.001153	3.78E-04	2.35E-06	1.45E-03	1.83E-03
4728	480363.09	3860877.25	0.0293	0.02998	0.02865	4.36E-04	2.12E-06	7.45E-04	0.001184	4.46E-04	2.08E-06	8.29E-04	0.001277	4.23E-04	2.65E-06	1.59E-03	2.02E-03
4729	480863.09	3860877.25	0.03161	0.02988	0.03056	4.71E-04	2.11E-06	7.95E-04	0.001268	4.81E-04	2.08E-06	8.84E-04	0.001367	4.57E-04	2.64E-06	1.70E-03	2.16E-03
4730	481363.09	3860877.25	0.0338	0.02869	0.0327	5.03E-04	2.03E-06	8.51E-04	0.001356	5.14E-04	1.99E-06	9.46E-04	0.001462	4.88E-04	2.53E-06	1.82E-03	2.31E-03
4731	481863.09	3860877.25	0.0359	0.02974	0.03459	5.34E-04	2.10E-06	9.00E-04	0.001436	5.46E-04	2.07E-06	1.00E-03	0.001549	5.19E-04	2.62E-06	1.92E-03	2.44E-03
4732	482363.09	3860877.25	0.0383	0.03218	0.03653	5.70E-04	2.27E-06	9.50E-04	0.001523	5.82E-04	2.24E-06	1.06E-03	0.001642	5.53E-04	2.84E-06	2.03E-03	2.59E-03
4733	482863.09	3860877.25	0.04053	0.0325	0.03841	6.03E-04	2.29E-06	9.99E-04	0.001605	6.16E-04	2.26E-06	1.11E-03	0.00173	5.86E-04	2.87E-06	2.13E-03	2.72E-03
4734	483363.09	3860877.25	0.04266	0.03323	0.04003	6.35E-04	2.35E-06	1.04E-03	0.001679	6.49E-04	2.31E-06	1.16E-03	0.001809	6.16E-04	2.93E-06	2.22E-03	2.84E-03
4735	483863.09	3860877.25	0.04476	0.03449	0.04152	6.66E-04	2.44E-06	1.08E-03	0.001749	6.81E-04	2.40E-06	1.20E-03	0.001885	6.47E-04	3.04E-06	2.31E-03	2.96E-03
4736	484363.09	3860877.25	0.04628	0.03477	0.04256	6.89E-04	2.46E-06	1.11E-03	0.001799	7.04E-04	2.42E-06	1.23E-03	0.001938	6.69E-04	3.07E-06	2.36E-03	3.04E-03
4737	484863.09	3860877.25	0.04681	0.0369	0.0429	6.97E-04	2.61E-06	1.12E-03	0.001815	7.12E-04	2.56E-06	1.24E-03	0.001956	6.76E-04	3.26E-06	2.38E-03	3.06E-03
4738	485363.09	3860877.25	0.04826	0.03803	0.04418	7.18E-04	2.69E-06	1.15E-03	0.00187	7.34E-04	2.64E-06	1.28E-03	0.002015	6.97E-04	3.36E-06	2.45E-03	3.16E-03
4739	485863.09	3860877.25	0.0497	0.03886	0.04538	7.40E-04	2.74E-06	1.18E-03	0.001923	7.56E-04	2.70E-06	1.31E-03	0.002072	7.18E-04	3.43E-06	2.52E-03	3.24E-03
4740	486363.09	3860877.25	0.04931	0.03676	0.04465	7.34E-04	2.60E-06	1.16E-03	0.001898	7.50E-04	2.55E-06	1.29E-03	0.002045	7.13E-04	3.24E-06	2.48E-03	3.20E-03
4741	486863.09	3860877.25	0.04915	0.03546	0.04421	7.32E-04	2.50E-06	1.15E-03	0.001884	7.48E-04	2.46E-06	1.28E-03	0.002029	7.10E-04	3.13E-06	2.46E-03	3.17E-03
4742	487363.09	3860877.25	0.04912	0.03576	0.04419	7.31E-04	2.52E-06	1.15E-03	0.001883	7.47E-04	2.49E-06	1.28E-03	0.002028	7.10E-04	3.16E-06	2.46E-03	3.17E-03
4743	487863.09	3860877.25	0.04884	0.03765	0.04422	7.27E-04	2.66E-06	1.15E-03	0.00188	7.43E-04	2.62E-06	1.28E-03	0.002025	7.06E-04	3.32E-06	2.46E-03	3.17E-03

4744	488363.09	3860877.25	0.05032	0.0377	0.04643	7.49E-04	2.66E-06	1.21E-03	0.00196	7.65E-04	2.62E-06	1.34E-03	0.002111	7.27E-04	3.33E-06	2.58E-03	3.31E-03
4745	488863.09	3860877.25	0.04994	0.03849	0.04674	7.43E-04	2.72E-06	1.22E-03	0.001962	7.60E-04	2.68E-06	1.35E-03	0.002115	7.22E-04	3.40E-06	2.60E-03	3.32E-03
4746	489363.09	3860877.25	0.05118	0.03986	0.04866	7.62E-04	2.81E-06	1.27E-03	0.002031	7.78E-04	2.77E-06	1.41E-03	0.002189	7.40E-04	3.52E-06	2.70E-03	3.45E-03
4747	489863.09	3860877.25	0.05088	0.04011	0.04894	7.57E-04	2.83E-06	1.27E-03	0.002033	7.74E-04	2.79E-06	1.42E-03	0.002193	7.35E-04	3.54E-06	2.72E-03	3.46E-03
4748	490363.09	3860877.25	0.05108	0.04095	0.04978	7.60E-04	2.89E-06	1.30E-03	0.002058	7.77E-04	2.85E-06	1.44E-03	0.00222	7.38E-04	3.61E-06	2.77E-03	3.51E-03
4749	490863.09	3860877.25	0.04892	0.03971	0.04798	7.28E-04	2.80E-06	1.25E-03	0.001979	7.44E-04	2.76E-06	1.39E-03	0.002135	7.07E-04	3.50E-06	2.67E-03	3.38E-03
4750	491363.09	3860877.25	0.04639	0.03752	0.04559	6.91E-04	2.65E-06	1.19E-03	0.001879	7.06E-04	2.61E-06	1.32E-03	0.002027	6.70E-04	3.31E-06	2.53E-03	3.21E-03
4751	491863.09	3860877.25	0.04603	0.03684	0.0454	6.85E-04	2.60E-06	1.18E-03	0.001869	7.00E-04	2.56E-06	1.31E-03	0.002016	6.65E-04	3.25E-06	2.52E-03	3.19E-03
4752	492363.09	3860877.25	0.04642	0.03683	0.04591	6.91E-04	2.60E-06	1.19E-03	0.001888	7.06E-04	2.56E-06	1.33E-03	0.002037	6.71E-04	3.25E-06	2.55E-03	3.23E-03
4753	492863.09	3860877.25	0.04783	0.03828	0.04779	7.12E-04	2.70E-06	1.24E-03	0.001958	7.27E-04	2.66E-06	1.38E-03	0.002113	6.91E-04	3.38E-06	2.66E-03	3.35E-03
4754	493363.09	3860877.25	0.04896	0.04003	0.04963	7.29E-04	2.83E-06	1.29E-03	0.002023	7.45E-04	2.78E-06	1.44E-03	0.002184	7.07E-04	3.53E-06	2.76E-03	3.47E-03
4755	493863.09	3860877.25	0.04836	0.04041	0.04945	7.20E-04	2.85E-06	1.29E-03	0.002009	7.35E-04	2.81E-06	1.43E-03	0.002169	6.99E-04	3.57E-06	2.75E-03	3.45E-03
4756	494363.09	3860877.25	0.04737	0.04042	0.04876	7.05E-04	2.85E-06	1.27E-03	0.001976	7.20E-04	2.81E-06	1.41E-03	0.002134	6.85E-04	3.57E-06	2.71E-03	3.40E-03
4757	494863.09	3860877.25	0.0463	0.04027	0.04794	6.89E-04	2.84E-06	1.25E-03	0.001939	7.04E-04	2.80E-06	1.39E-03	0.002094	6.69E-04	3.55E-06	2.66E-03	3.34E-03
4758	495363.09	3860877.25	0.04504	0.03972	0.04688	6.70E-04	2.80E-06	1.22E-03	0.001893	6.85E-04	2.76E-06	1.36E-03	0.002044	6.51E-04	3.50E-06	2.60E-03	3.26E-03
4759	495863.09	3860877.25	0.0436	0.03871	0.04552	6.49E-04	2.73E-06	1.18E-03	0.001836	6.63E-04	2.69E-06	1.32E-03	0.001983	6.30E-04	3.42E-06	2.53E-03	3.16E-03
4760	496363.09	3860877.25	0.04258	0.03789	0.04455	6.34E-04	2.68E-06	1.16E-03	0.001795	6.48E-04	2.63E-06	1.29E-03	0.001939	6.15E-04	3.34E-06	2.48E-03	3.09E-03
4761	496863.09	3860877.25	0.04108	0.03584	0.0423	6.11E-04	2.53E-06	1.10E-03	0.001714	6.25E-04	2.49E-06	1.22E-03	0.001851	5.94E-04	3.16E-06	2.35E-03	2.95E-03
4762	497363.09	3860877.25	0.03988	0.03495	0.04112	5.94E-04	2.47E-06	1.07E-03	0.001666	6.07E-04	2.43E-06	1.19E-03	0.001799	5.76E-04	3.08E-06	2.28E-03	2.86E-03
4763	497863.09	3860877.25	0.03844	0.03391	0.03968	5.72E-04	2.39E-06	1.03E-03	0.001607	5.85E-04	2.36E-06	1.15E-03	0.001735	5.55E-04	2.99E-06	2.20E-03	2.76E-03
4764	498363.09	3860877.25	0.03795	0.03368	0.03942	5.65E-04	2.38E-06	1.03E-03	0.001593	5.77E-04	2.34E-06	1.14E-03	0.00172	5.48E-04	2.97E-06	2.19E-03	2.74E-03
4765	471363.09	3861377.25	0.01031	0.01156	0.01022	1.53E-04	8.16E-07	2.66E-04	0.00042	1.57E-04	8.03E-07	2.96E-04	0.000453	1.49E-04	1.02E-06	5.68E-04	7.18E-04
4766	471863.09	3861377.25	0.0108	0.01158	0.01068	1.61E-04	8.18E-07	2.78E-04	0.000439	1.64E-04	8.05E-07	3.09E-04	0.000474	1.56E-04	1.02E-06	5.93E-04	7.51E-04
4767	472363.09	3861377.25	0.0113	0.01127	0.01117	1.68E-04	7.96E-07	2.91E-04	0.00046	1.72E-04	7.83E-07	3.23E-04	0.000496	1.63E-04	9.94E-07	6.21E-04	7.85E-04
4768	472863.09	3861377.25	0.01187	0.01103	0.01174	1.77E-04	7.79E-07	3.05E-04	0.000483	1.81E-04	7.67E-07	3.40E-04	0.000521	1.72E-04	9.73E-07	6.52E-04	8.25E-04
4769	473363.09	3861377.25	0.01243	0.01105	0.01229	1.85E-04	7.80E-07	3.20E-04	0.000506	1.89E-04	7.68E-07	3.56E-04	0.000545	1.80E-04	9.75E-07	6.83E-04	8.63E-04
4770	473863.09	3861377.25	0.01296	0.01148	0.01282	1.93E-04	8.11E-07	3.34E-04	0.000527	1.97E-04	7.98E-07	3.71E-04	0.000569	1.87E-04	1.01E-06	7.12E-04	9.01E-04
4771	474363.09	3861377.25	0.01366	0.01247	0.0135	2.03E-04	8.80E-07	3.51E-04	0.000555	2.08E-04	8.67E-07	3.91E-04	0.000599	1.97E-04	1.10E-06	7.50E-04	9.49E-04
4772	474863.09	3861377.25	0.01418	0.01348	0.01403	2.11E-04	9.52E-07	3.65E-04	0.000577	2.16E-04	9.37E-07	4.06E-04	0.000623	2.05E-04	1.19E-06	7.80E-04	9.86E-04
4773	475363.09	3861377.25	0.01497	0.01443	0.01478	2.23E-04	1.02E-06	3.85E-04	0.000608	2.28E-04	1.00E-06	4.28E-04	0.000656	2.16E-04	1.27E-06	8.21E-04	1.04E-03
4774	475863.09	3861377.25	0.01539	0.01475	0.01524	2.29E-04	1.04E-06	3.96E-04	0.000627	2.34E-04	1.03E-06	4.41E-04	0.000676	2.22E-04	1.30E-06	8.47E-04	1.07E-03
4775	476363.09	3861377.25	0.01545	0.01448	0.0154	2.30E-04	1.02E-06	4.01E-04	0.000632	2.35E-04	1.01E-06	4.46E-04	0.000682	2.23E-04	1.28E-06	8.56E-04	1.08E-03
4776	476863.09	3861377.25	0.01555	0.01421	0.0156	2.31E-04	1.00E-06	4.06E-04	0.000638	2.36E-04	9.88E-07	4.51E-04	0.000689	2.25E-04	1.25E-06	8.67E-04	1.09E-03
4777	477363.09	3861377.25	0.01575	0.01424	0.01586	2.34E-04	1.01E-06	4.13E-04	0.000648	2.40E-04	9.90E-07	4.59E-04	0.000699	2.28E-04	1.26E-06	8.81E-04	1.11E-03
4778	477863.09	3861377.25	0.01317	0.01211	0.01317	1.96E-04	8.55E-07	3.43E-04	0.00054	2.00E-04	8.42E-07	3.81E-04	0.000582	1.90E-04	1.07E-06	7.32E-04	9.23E-04
4779	478363.09	3861377.25	0.00766	0.00699	0.00731	1.14E-04	4.94E-07	1.90E-04	0.000305	1.16E-04	4.86E-07	2.12E-04	0.000329	1.11E-04	6.17E-07	4.06E-04	5.17E-04
4780	478863.09	3861377.25	0.00982	0.00967	0.00951	1.46E-04	6.83E-07	2.47E-04	0.000394	1.49E-04	6.72E-07	2.75E-04	0.000425	1.42E-04	8.53E-07	5.28E-04	6.71E-04
4781	479363.09	3861377.25	0.01909	0.0194	0.01923	2.84E-04	1.37E-06	5.00E-04	0.000786	2.90E-04	1.35E-06	5.56E-04	0.000848	2.76E-04	1.71E-06	1.07E-03	1.35E-03
4782	479863.09	3861377.25	0.02379	0.02345	0.02356	3.54E-04	1.66E-06	6.13E-04	0.000969	3.62E-04	1.63E-06	6.82E-04	0.001045	3.44E-04	2.07E-06	1.31E-03	1.65E-03
4783	480363.09	3861377.25	0.02671	0.02509	0.02576	3.98E-04	1.77E-06	6.70E-04	0.00107	4.06E-04	1.74E-06	7.45E-04	0.001153	3.86E-04	2.21E-06	1.43E-03	1.82E-03
4784	480863.09	3861377.25	0.02854	0.02498	0.02742	4.25E-04	1.76E-06	7.13E-04	0.00114	4.34E-04	1.74E-06	7.93E-04	0.001229	4.12E-04	2.20E-06	1.52E-03	1.94E-03
4785	481363.09	3861377.25	0.03018	0.02508	0.02891	4.49E-04	1.77E-06	7.52E-04	0.001203	4.59E-04	1.74E-06	8.37E-04	0.001297	4.36E-04	2.21E-06	1.61E-03	2.04E-03
4786	481863.09	3861377.25	0.03185	0.02689	0.03033	4.74E-04	1.90E-06	7.89E-04	0.001265	4.84E-04	1.87E-06	8.78E-04	0.001364	4.60E-04	2.37E-06	1.69E-03	2.15E-03
4787	482363.09	3861377.25	0.03362	0.0281	0.03174	5.00E-04	1.98E-06	8.26E-04	0.001328	5.11E-04	1.95E-06	9.18E-04	0.001432	4.86E-04	2.48E-06	1.76E-03	2.25E-03
4788	482863.09	3861377.25	0.03537	0.02822	0.03312	5.26E-04	1.99E-06	8.62E-04	0.00139	5.38E-04	1.96E-06	9.58E-04	0.001498	5.11E-04	2.49E-06	1.84E-03	2.35E-03
4789	483363.09	3861377.25	0.03703	0.02972	0.03441	5.51E-04	2.10E-06	8.95E-04	0.001448	5.63E-04	2.07E-06	9.96E-04	0.001561	5.35E-04	2.62E-06	1.91E-03	2.45E-03
4790	483863.09	3861377.25	0.03838	0.02998	0.03549	5.71E-04	2.12E-06	9.23E-04	0.001497	5.84E-04	2.08E-06	1.03E-03	0.001613	5.55E-04	2.65E-06	1.97E-03	2.53E-03

4791	484363.09	3861377.25	0.03962	0.03052	0.03664	5.90E-04	2.15E-06	9.53E-04	0.001545	6.03E-04	2.12E-06	1.06E-03	0.001665	5.73E-04	2.69E-06	2.04E-03	2.61E-03
4792	484863.09	3861377.25	0.0401	0.03141	0.03685	5.97E-04	2.22E-06	9.59E-04	0.001558	6.10E-04	2.18E-06	1.07E-03	0.001678	5.79E-04	2.77E-06	2.05E-03	2.63E-03
4793	485363.09	3861377.25	0.04027	0.03133	0.03682	5.99E-04	2.21E-06	9.58E-04	0.00156	6.12E-04	2.18E-06	1.07E-03	0.00168	5.82E-04	2.76E-06	2.05E-03	2.63E-03
4794	485863.09	3861377.25	0.04082	0.03278	0.03712	6.08E-04	2.31E-06	9.66E-04	0.001576	6.21E-04	2.28E-06	1.07E-03	0.001697	5.90E-04	2.89E-06	2.06E-03	2.66E-03
4795	486363.09	3861377.25	0.04071	0.03091	0.03669	6.06E-04	2.18E-06	9.55E-04	0.001563	6.19E-04	2.15E-06	1.06E-03	0.001683	5.88E-04	2.73E-06	2.04E-03	2.63E-03
4796	486863.09	3861377.25	0.04043	0.02951	0.03624	6.02E-04	2.08E-06	9.43E-04	0.001547	6.15E-04	2.05E-06	1.05E-03	0.001666	5.84E-04	2.60E-06	2.01E-03	2.60E-03
4797	487363.09	3861377.25	0.04008	0.02938	0.03612	5.97E-04	2.07E-06	9.40E-04	0.001538	6.10E-04	2.04E-06	1.05E-03	0.001657	5.79E-04	2.59E-06	2.01E-03	2.59E-03
4798	487863.09	3861377.25	0.03986	0.03162	0.03622	5.93E-04	2.23E-06	9.42E-04	0.001538	6.06E-04	2.20E-06	1.05E-03	0.001657	5.76E-04	2.79E-06	2.01E-03	2.59E-03
4799	488363.09	3861377.25	0.03957	0.03088	0.03645	5.89E-04	2.18E-06	9.48E-04	0.001539	6.02E-04	2.15E-06	1.05E-03	0.001659	5.72E-04	2.72E-06	2.03E-03	2.60E-03
4800	488863.09	3861377.25	0.04002	0.03117	0.03751	5.96E-04	2.20E-06	9.76E-04	0.001574	6.09E-04	2.17E-06	1.09E-03	0.001696	5.78E-04	2.75E-06	2.08E-03	2.67E-03
4801	489363.09	3861377.25	0.04025	0.03214	0.03802	5.99E-04	2.27E-06	9.89E-04	0.001591	6.12E-04	2.23E-06	1.10E-03	0.001715	5.82E-04	2.84E-06	2.11E-03	2.70E-03
4802	489863.09	3861377.25	0.04066	0.03263	0.03897	6.05E-04	2.30E-06	1.01E-03	0.001621	6.18E-04	2.27E-06	1.13E-03	0.001748	5.88E-04	2.88E-06	2.17E-03	2.76E-03
4803	490363.09	3861377.25	0.04102	0.03332	0.03977	6.11E-04	2.35E-06	1.03E-03	0.001648	6.24E-04	2.32E-06	1.15E-03	0.001777	5.93E-04	2.94E-06	2.21E-03	2.81E-03
4804	490863.09	3861377.25	0.04111	0.03393	0.04037	6.12E-04	2.40E-06	1.05E-03	0.001665	6.25E-04	2.36E-06	1.17E-03	0.001796	5.94E-04	2.99E-06	2.24E-03	2.84E-03
4805	491363.09	3861377.25	0.03967	0.03316	0.03919	5.90E-04	2.34E-06	1.02E-03	0.001612	6.03E-04	2.30E-06	1.13E-03	0.00174	5.73E-04	2.93E-06	2.18E-03	2.75E-03
4806	491863.09	3861377.25	0.03764	0.03141	0.03723	5.60E-04	2.22E-06	9.69E-04	0.001531	5.72E-04	2.18E-06	1.08E-03	0.001652	5.44E-04	2.77E-06	2.07E-03	2.62E-03
4807	492363.09	3861377.25	0.03673	0.03048	0.03645	5.47E-04	2.15E-06	9.48E-04	0.001497	5.59E-04	2.12E-06	1.05E-03	0.001616	5.31E-04	2.69E-06	2.03E-03	2.56E-03
4808	492863.09	3861377.25	0.03691	0.0304	0.03677	5.49E-04	2.15E-06	9.57E-04	0.001508	5.61E-04	2.11E-06	1.06E-03	0.001627	5.33E-04	2.68E-06	2.04E-03	2.58E-03
4809	493363.09	3861377.25	0.03789	0.03108	0.03796	5.64E-04	2.19E-06	9.88E-04	0.001554	5.76E-04	2.16E-06	1.10E-03	0.001677	5.48E-04	2.74E-06	2.11E-03	2.66E-03
4810	493863.09	3861377.25	0.03861	0.032	0.03905	5.75E-04	2.26E-06	1.02E-03	0.001593	5.87E-04	2.22E-06	1.13E-03	0.001719	5.58E-04	2.82E-06	2.17E-03	2.73E-03
4811	494363.09	3861377.25	0.0388	0.03277	0.03965	5.78E-04	2.31E-06	1.03E-03	0.001611	5.90E-04	2.28E-06	1.15E-03	0.00174	5.61E-04	2.89E-06	2.20E-03	2.77E-03
4812	494863.09	3861377.25	0.03855	0.03321	0.0397	5.74E-04	2.34E-06	1.03E-03	0.001609	5.86E-04	2.31E-06	1.15E-03	0.001737	5.57E-04	2.93E-06	2.21E-03	2.77E-03
4813	495363.09	3861377.25	0.03787	0.03325	0.03922	5.64E-04	2.35E-06	1.02E-03	0.001586	5.76E-04	2.31E-06	1.13E-03	0.001713	5.47E-04	2.93E-06	2.18E-03	2.73E-03
4814	495863.09	3861377.25	0.03687	0.03288	0.03833	5.49E-04	2.32E-06	9.97E-04	0.001548	5.61E-04	2.29E-06	1.11E-03	0.001672	5.33E-04	2.90E-06	2.13E-03	2.67E-03
4815	496363.09	3861377.25	0.03635	0.03279	0.03796	5.41E-04	2.32E-06	9.88E-04	0.001531	5.53E-04	2.28E-06	1.10E-03	0.001654	5.25E-04	2.89E-06	2.11E-03	2.64E-03
4816	496863.09	3861377.25	0.03594	0.03266	0.03776	5.35E-04	2.31E-06	9.82E-04	0.00152	5.47E-04	2.27E-06	1.09E-03	0.001642	5.19E-04	2.88E-06	2.10E-03	2.62E-03
4817	497363.09	3861377.25	0.03504	0.03192	0.03692	5.22E-04	2.25E-06	9.61E-04	0.001484	5.33E-04	2.22E-06	1.07E-03	0.001603	5.06E-04	2.82E-06	2.05E-03	2.56E-03
4818	497863.09	3861377.25	0.03415	0.03116	0.03605	5.08E-04	2.20E-06	9.38E-04	0.001448	5.19E-04	2.17E-06	1.04E-03	0.001565	4.93E-04	2.75E-06	2.00E-03	2.50E-03
4819	498363.09	3861377.25	0.03334	0.03047	0.03523	4.96E-04	2.15E-06	9.17E-04	0.001415	5.07E-04	2.12E-06	1.02E-03	0.001529	4.82E-04	2.69E-06	1.96E-03	2.44E-03
4820	471363.09	3861877.25	0.01015	0.01028	0.01005	1.51E-04	7.26E-07	2.61E-04	0.000413	1.54E-04	7.14E-07	2.91E-04	0.000446	1.47E-04	9.07E-07	5.58E-04	7.06E-04
4821	471863.09	3861877.25	0.01058	0.01002	0.01047	1.57E-04	7.07E-07	2.72E-04	0.000431	1.61E-04	6.96E-07	3.03E-04	0.000465	1.53E-04	8.84E-07	5.82E-04	7.36E-04
4822	472363.09	3861877.25	0.01105	0.00998	0.01093	1.64E-04	7.05E-07	2.84E-04	0.00045	1.68E-04	6.94E-07	3.16E-04	0.000485	1.60E-04	8.81E-07	6.07E-04	7.68E-04
4823	472863.09	3861877.25	0.01157	0.01028	0.01143	1.72E-04	7.26E-07	2.97E-04	0.00047	1.76E-04	7.14E-07	3.31E-04	0.000507	1.67E-04	9.07E-07	6.35E-04	8.03E-04
4824	473363.09	3861877.25	0.01211	0.01091	0.01195	1.80E-04	7.70E-07	3.11E-04	0.000492	1.84E-04	7.58E-07	3.46E-04	0.000531	1.75E-04	9.63E-07	6.64E-04	8.40E-04
4825	473863.09	3861877.25	0.01264	0.01171	0.01246	1.88E-04	8.27E-07	3.24E-04	0.000513	1.92E-04	8.14E-07	3.61E-04	0.000554	1.83E-04	1.03E-06	6.92E-04	8.76E-04
4826	474363.09	3861877.25	0.01323	0.01249	0.01302	1.97E-04	8.82E-07	3.39E-04	0.000537	2.01E-04	8.68E-07	3.77E-04	0.000579	1.91E-04	1.10E-06	7.23E-04	9.16E-04
4827	474863.09	3861877.25	0.0138	0.01304	0.01356	2.05E-04	9.21E-07	3.53E-04	0.000559	2.10E-04	9.06E-07	3.92E-04	0.000603	1.99E-04	1.15E-06	7.53E-04	9.54E-04
4828	475363.09	3861877.25	0.01443	0.01341	0.01415	2.15E-04	9.47E-07	3.68E-04	0.000584	2.19E-04	9.32E-07	4.09E-04	0.00063	2.09E-04	1.18E-06	7.86E-04	9.96E-04
4829	475863.09	3861877.25	0.01515	0.01375	0.01483	2.26E-04	9.71E-07	3.86E-04	0.000612	2.30E-04	9.56E-07	4.29E-04	0.000661	2.19E-04	1.21E-06	8.24E-04	1.04E-03
4830	476363.09	3861877.25	0.01576	0.01409	0.0155	2.35E-04	9.95E-07	4.03E-04	0.000639	2.40E-04	9.79E-07	4.49E-04	0.000689	2.28E-04	1.24E-06	8.61E-04	1.09E-03
4831	476863.09	3861877.25	0.01614	0.01468	0.016	2.40E-04	1.04E-06	4.16E-04	0.000658	2.45E-04	1.02E-06	4.63E-04	0.000709	2.33E-04	1.30E-06	8.89E-04	1.12E-03
4832	477363.09	3861877.25	0.01634	0.01599	0.01624	2.43E-04	1.13E-06	4.22E-04	0.000667	2.49E-04	1.11E-06	4.70E-04	0.00072	2.36E-04	1.41E-06	9.02E-04	1.14E-03
4833	477863.09	3861877.25	0.01322	0.01385	0.01318	1.97E-04	9.78E-07	3.43E-04	0.000541	2.01E-04	9.63E-07	3.81E-04	0.000583	1.91E-04	1.22E-06	7.32E-04	9.25E-04
4834	478363.09	3861877.25	0.0063	0.00608	0.00594	9.38E-05	4.29E-07	1.55E-04	0.000249	9.58E-05	4.23E-07	1.72E-04	0.000268	9.10E-05	5.36E-07	3.30E-04	4.22E-04
4835	478863.09	3861877.25	0.0111	0.01065	0.01092	1.65E-04	7.52E-07	2.84E-04	0.00045	1.69E-04	7.40E-07	3.16E-04	0.000486	1.60E-04	9.40E-07	6.07E-04	7.68E-04
4836	479363.09	3861877.25	0.01006	0.00931	0.00979	1.50E-04	6.57E-07	2.55E-04	0.000405	1.53E-04	6.47E-07	2.83E-04	0.000437	1.45E-04	8.21E-07	5.44E-04	6.90E-04
4837	479863.09	3861877.25	0.02163	0.02052	0.02128	3.22E-04	1.45E-06	5.54E-04	0.000877	3.29E-04	1.43E-06	6.16E-04	0.000946	3.13E-04	1.81E-06	1.18E-03	1.50E-03

4838	480363.09	3861877.25	0.02433	0.02231	0.02334	3.62E-04	1.58E-06	6.07E-04	0.000971	3.70E-04	1.55E-06	6.75E-04	0.001047	3.52E-04	1.97E-06	1.30E-03	1.65E-03
4839	480863.09	3861877.25	0.02566	0.02213	0.02449	3.82E-04	1.56E-06	6.37E-04	0.001021	3.90E-04	1.54E-06	7.09E-04	0.0011	3.71E-04	1.95E-06	1.36E-03	1.73E-03
4840	481363.09	3861877.25	0.02698	0.02249	0.0256	4.02E-04	1.59E-06	6.66E-04	0.001069	4.10E-04	1.56E-06	7.41E-04	0.001153	3.90E-04	1.98E-06	1.42E-03	1.81E-03
4841	481863.09	3861877.25	0.0284	0.02398	0.02672	4.23E-04	1.69E-06	6.95E-04	0.00112	4.32E-04	1.67E-06	7.73E-04	0.001207	4.10E-04	2.12E-06	1.48E-03	1.90E-03
4842	482363.09	3861877.25	0.02984	0.02474	0.02792	4.44E-04	1.75E-06	7.26E-04	0.001172	4.54E-04	1.72E-06	8.08E-04	0.001263	4.31E-04	2.18E-06	1.55E-03	1.98E-03
4843	482863.09	3861877.25	0.0312	0.0255	0.02915	4.64E-04	1.80E-06	7.58E-04	0.001225	4.75E-04	1.77E-06	8.44E-04	0.00132	4.51E-04	2.25E-06	1.62E-03	2.07E-03
4844	483363.09	3861877.25	0.03235	0.02635	0.03011	4.82E-04	1.86E-06	7.83E-04	0.001267	4.92E-04	1.83E-06	8.71E-04	0.001365	4.67E-04	2.32E-06	1.67E-03	2.14E-03
4845	483863.09	3861877.25	0.03331	0.02638	0.03081	4.96E-04	1.86E-06	8.02E-04	0.001299	5.07E-04	1.83E-06	8.92E-04	0.0014	4.81E-04	2.33E-06	1.71E-03	2.20E-03
4846	484363.09	3861877.25	0.03394	0.02642	0.03121	5.05E-04	1.87E-06	8.12E-04	0.001319	5.16E-04	1.84E-06	9.03E-04	0.001421	4.90E-04	2.33E-06	1.73E-03	2.23E-03
4847	484863.09	3861877.25	0.03461	0.02641	0.03177	5.15E-04	1.86E-06	8.27E-04	0.001344	5.26E-04	1.84E-06	9.19E-04	0.001448	5.00E-04	2.33E-06	1.77E-03	2.27E-03
4848	485363.09	3861877.25	0.03472	0.02713	0.03169	5.17E-04	1.92E-06	8.24E-04	0.001343	5.28E-04	1.89E-06	9.17E-04	0.001447	5.02E-04	2.39E-06	1.76E-03	2.26E-03
4849	485863.09	3861877.25	0.03442	0.02806	0.03117	5.12E-04	1.98E-06	8.11E-04	0.001325	5.23E-04	1.95E-06	9.02E-04	0.001427	4.97E-04	2.48E-06	1.73E-03	2.23E-03
4850	486363.09	3861877.25	0.03433	0.02664	0.03081	5.11E-04	1.88E-06	8.02E-04	0.001314	5.22E-04	1.85E-06	8.92E-04	0.001416	4.96E-04	2.35E-06	1.71E-03	2.21E-03
4851	486863.09	3861877.25	0.03401	0.02525	0.03044	5.06E-04	1.78E-06	7.92E-04	0.0013	5.17E-04	1.75E-06	8.81E-04	0.0014	4.91E-04	2.23E-06	1.69E-03	2.19E-03
4852	487363.09	3861877.25	0.03367	0.02461	0.0303	5.01E-04	1.74E-06	7.88E-04	0.001291	5.12E-04	1.71E-06	8.77E-04	0.001391	4.87E-04	2.17E-06	1.68E-03	2.17E-03
4853	487863.09	3861877.25	0.0334	0.02665	0.03034	4.97E-04	1.88E-06	7.89E-04	0.001288	5.08E-04	1.85E-06	8.78E-04	0.001388	4.83E-04	2.35E-06	1.69E-03	2.17E-03
4854	488363.09	3861877.25	0.03313	0.02687	0.03052	4.93E-04	1.90E-06	7.94E-04	0.001289	5.04E-04	1.87E-06	8.83E-04	0.001389	4.79E-04	2.37E-06	1.70E-03	2.18E-03
4855	488863.09	3861877.25	0.03313	0.02609	0.03102	4.93E-04	1.84E-06	8.07E-04	0.001302	5.04E-04	1.81E-06	8.98E-04	0.001403	4.79E-04	2.30E-06	1.72E-03	2.20E-03
4856	489363.09	3861877.25	0.0332	0.02687	0.0313	4.94E-04	1.90E-06	8.14E-04	0.00131	5.05E-04	1.87E-06	9.06E-04	0.001413	4.80E-04	2.37E-06	1.74E-03	2.22E-03
4857	489863.09	3861877.25	0.03347	0.02731	0.03193	4.98E-04	1.93E-06	8.31E-04	0.001331	5.09E-04	1.90E-06	9.24E-04	0.001435	4.84E-04	2.41E-06	1.77E-03	2.26E-03
4858	490363.09	3861877.25	0.03342	0.02745	0.03218	4.97E-04	1.94E-06	8.37E-04	0.001337	5.08E-04	1.91E-06	9.31E-04	0.001441	4.83E-04	2.42E-06	1.79E-03	2.27E-03
4859	490863.09	3861877.25	0.03377	0.02807	0.03291	5.03E-04	1.98E-06	8.56E-04	0.001361	5.14E-04	1.95E-06	9.52E-04	0.001468	4.88E-04	2.48E-06	1.83E-03	2.32E-03
4860	491363.09	3861877.25	0.03408	0.02876	0.03365	5.07E-04	2.03E-06	8.75E-04	0.001385	5.18E-04	2.00E-06	9.74E-04	0.001494	4.92E-04	2.54E-06	1.87E-03	2.36E-03
4861	491863.09	3861877.25	0.03326	0.02841	0.03304	4.95E-04	2.01E-06	8.60E-04	0.001357	5.06E-04	1.97E-06	9.56E-04	0.001464	4.81E-04	2.51E-06	1.84E-03	2.32E-03
4862	492363.09	3861877.25	0.03143	0.02684	0.03121	4.68E-04	1.90E-06	8.12E-04	0.001282	4.78E-04	1.87E-06	9.03E-04	0.001383	4.54E-04	2.37E-06	1.73E-03	2.19E-03
4863	492863.09	3861877.25	0.03043	0.02587	0.0303	4.53E-04	1.83E-06	7.88E-04	0.001243	4.63E-04	1.80E-06	8.77E-04	0.001341	4.40E-04	2.28E-06	1.68E-03	2.13E-03
4864	493363.09	3861877.25	0.03022	0.02562	0.03023	4.50E-04	1.81E-06	7.86E-04	0.001238	4.60E-04	1.78E-06	8.75E-04	0.001336	4.37E-04	2.26E-06	1.68E-03	2.12E-03
4865	493863.09	3861877.25	0.03063	0.02583	0.03078	4.56E-04	1.82E-06	8.01E-04	0.001259	4.66E-04	1.80E-06	8.91E-04	0.001358	4.43E-04	2.28E-06	1.71E-03	2.16E-03
4866	494363.09	3861877.25	0.03134	0.02642	0.0317	4.66E-04	1.87E-06	8.25E-04	0.001293	4.77E-04	1.84E-06	9.17E-04	0.001396	4.53E-04	2.33E-06	1.76E-03	2.22E-03
4867	494863.09	3861877.25	0.03203	0.02728	0.0327	4.77E-04	1.93E-06	8.51E-04	0.001329	4.87E-04	1.90E-06	9.46E-04	0.001435	4.63E-04	2.41E-06	1.82E-03	2.28E-03
4868	495363.09	3861877.25	0.03214	0.02787	0.03312	4.78E-04	1.97E-06	8.62E-04	0.001342	4.89E-04	1.94E-06	9.58E-04	0.001449	4.64E-04	2.46E-06	1.84E-03	2.31E-03
4869	495863.09	3861877.25	0.03183	0.02814	0.03303	4.74E-04	1.99E-06	8.59E-04	0.001335	4.84E-04	1.96E-06	9.56E-04	0.001442	4.60E-04	2.48E-06	1.84E-03	2.30E-03
4870	496363.09	3861877.25	0.0314	0.02824	0.03274	4.67E-04	1.99E-06	8.52E-04	0.001321	4.78E-04	1.96E-06	9.47E-04	0.001427	4.54E-04	2.49E-06	1.82E-03	2.28E-03
4871	496863.09	3861877.25	0.03214	0.02936	0.03381	4.78E-04	2.07E-06	8.80E-04	0.00136	4.89E-04	2.04E-06	9.78E-04	0.001469	4.64E-04	2.59E-06	1.88E-03	2.35E-03
4872	497363.09	3861877.25	0.03066	0.02824	0.03224	4.56E-04	1.99E-06	8.39E-04	0.001297	4.66E-04	1.96E-06	9.33E-04	0.001401	4.43E-04	2.49E-06	1.79E-03	2.24E-03
4873	497863.09	3861877.25	0.02967	0.02744	0.03124	4.42E-04	1.94E-06	8.13E-04	0.001256	4.51E-04	1.91E-06	9.04E-04	0.001357	4.29E-04	2.42E-06	1.74E-03	2.17E-03
4874	498363.09	3861877.25	0.02892	0.02678	0.03051	4.30E-04	1.89E-06	7.94E-04	0.001226	4.40E-04	1.86E-06	8.83E-04	0.001325	4.18E-04	2.36E-06	1.70E-03	2.12E-03
4875	471363.09	3862377.25	0.00991	0.0091	0.00981	1.48E-04	6.43E-07	2.55E-04	0.000403	1.51E-04	6.32E-07	2.84E-04	0.000435	1.43E-04	8.03E-07	5.45E-04	6.89E-04
4876	471863.09	3862377.25	0.0103	0.0092	0.0102	1.53E-04	6.50E-07	2.65E-04	0.000419	1.57E-04	6.39E-07	2.95E-04	0.000452	1.49E-04	8.12E-07	5.67E-04	7.16E-04
4877	472363.09	3862377.25	0.01076	0.00958	0.01062	1.60E-04	6.76E-07	2.76E-04	0.000437	1.64E-04	6.66E-07	3.07E-04	0.000472	1.55E-04	8.45E-07	5.90E-04	7.46E-04
4878	472863.09	3862377.25	0.01123	0.01016	0.01106	1.67E-04	7.17E-07	2.88E-04	0.000456	1.71E-04	7.06E-07	3.20E-04	0.000492	1.62E-04	8.96E-07	6.15E-04	7.78E-04
4879	473363.09	3862377.25	0.01171	0.0108	0.01151	1.74E-04	7.63E-07	2.99E-04	0.000475	1.78E-04	7.51E-07	3.33E-04	0.000512	1.69E-04	9.53E-07	6.40E-04	8.10E-04
4880	473863.09	3862377.25	0.01221	0.01135	0.01196	1.82E-04	8.01E-07	3.11E-04	0.000494	1.86E-04	7.89E-07	3.46E-04	0.000533	1.76E-04	1.00E-06	6.65E-04	8.42E-04
4881	474363.09	3862377.25	0.01269	0.01176	0.0124	1.89E-04	8.30E-07	3.23E-04	0.000512	1.93E-04	8.17E-07	3.59E-04	0.000553	1.83E-04	1.04E-06	6.89E-04	8.73E-04
4882	474863.09	3862377.25	0.01311	0.01202	0.01283	1.95E-04	8.49E-07	3.34E-04	0.00053	1.99E-04	8.35E-07	3.71E-04	0.000571	1.89E-04	1.06E-06	7.13E-04	9.03E-04
4883	475363.09	3862377.25	0.01374	0.01247	0.01341	2.05E-04	8.80E-07	3.49E-04	0.000554	2.09E-04	8.67E-07	3.88E-04	0.000598	1.99E-04	1.10E-06	7.45E-04	9.45E-04
4884	475863.09	3862377.25	0.01437	0.01309	0.01402	2.14E-04	9.24E-07	3.65E-04	0.00058	2.19E-04	9.10E-07	4.06E-04	0.000625	2.08E-04	1.15E-06	7.79E-04	9.88E-04

4885	476363.09	3862377.25	0.01498	0.01407	0.01463	2.23E-04	9.93E-07	3.81E-04	0.000605	2.28E-04	9.78E-07	4.23E-04	0.000652	2.16E-04	1.24E-06	8.13E-04	1.03E-03
4886	476863.09	3862377.25	0.01558	0.01553	0.01522	2.32E-04	1.10E-06	3.96E-04	0.000629	2.37E-04	1.08E-06	4.40E-04	0.000678	2.25E-04	1.37E-06	8.46E-04	1.07E-03
4887	477363.09	3862377.25	0.01596	0.01671	0.01562	2.38E-04	1.18E-06	4.06E-04	0.000645	2.43E-04	1.16E-06	4.52E-04	0.000696	2.31E-04	1.47E-06	8.68E-04	1.10E-03
4888	477863.09	3862377.25	0.01413	0.0145	0.01409	2.10E-04	1.02E-06	3.67E-04	0.000578	2.15E-04	1.01E-06	4.08E-04	0.000624	2.04E-04	1.28E-06	7.83E-04	9.88E-04
4889	478363.09	3862377.25	0.01147	0.01088	0.0114	1.71E-04	7.68E-07	2.97E-04	0.000468	1.74E-04	7.56E-07	3.30E-04	0.000505	1.66E-04	9.60E-07	6.33E-04	8.00E-04
4890	478863.09	3862377.25	0.01231	0.01129	0.01226	1.83E-04	7.97E-07	3.19E-04	0.000503	1.87E-04	7.85E-07	3.55E-04	0.000543	1.78E-04	9.96E-07	6.81E-04	8.60E-04
4891	479363.09	3862377.25	0.01489	0.01424	0.01488	2.22E-04	1.01E-06	3.87E-04	0.00061	2.26E-04	9.90E-07	4.31E-04	0.000658	2.15E-04	1.26E-06	8.27E-04	1.04E-03
4892	479863.09	3862377.25	0.0203	0.01961	0.01966	3.02E-04	1.38E-06	5.11E-04	0.000815	3.09E-04	1.36E-06	5.69E-04	0.000879	2.93E-04	1.73E-06	1.09E-03	1.39E-03
4893	480363.09	3862377.25	0.02213	0.01998	0.02102	3.29E-04	1.41E-06	5.47E-04	0.000878	3.37E-04	1.39E-06	6.08E-04	0.000946	3.20E-04	1.76E-06	1.17E-03	1.49E-03
4894	480863.09	3862377.25	0.02323	0.01956	0.02192	3.46E-04	1.38E-06	5.70E-04	0.000917	3.53E-04	1.36E-06	6.34E-04	0.000989	3.36E-04	1.73E-06	1.22E-03	1.56E-03
4895	481363.09	3862377.25	0.02436	0.02012	0.02289	3.63E-04	1.42E-06	5.96E-04	0.00096	3.70E-04	1.40E-06	6.62E-04	0.001034	3.52E-04	1.78E-06	1.27E-03	1.63E-03
4896	481863.09	3862377.25	0.0255	0.02159	0.02386	3.80E-04	1.52E-06	6.21E-04	0.001002	3.88E-04	1.50E-06	6.90E-04	0.00108	3.68E-04	1.90E-06	1.33E-03	1.70E-03
4897	482363.09	3862377.25	0.02662	0.02243	0.02489	3.96E-04	1.58E-06	6.48E-04	0.001045	4.05E-04	1.56E-06	7.20E-04	0.001127	3.85E-04	1.98E-06	1.38E-03	1.77E-03
4898	482863.09	3862377.25	0.02765	0.02286	0.02582	4.12E-04	1.61E-06	6.72E-04	0.001085	4.21E-04	1.59E-06	7.47E-04	0.001169	4.00E-04	2.02E-06	1.43E-03	1.84E-03
4899	483363.09	3862377.25	0.02857	0.02332	0.02652	4.25E-04	1.65E-06	6.90E-04	0.001117	4.35E-04	1.62E-06	7.67E-04	0.001204	4.13E-04	2.06E-06	1.47E-03	1.89E-03
4900	483863.09	3862377.25	0.02912	0.02346	0.02681	4.33E-04	1.66E-06	6.97E-04	0.001133	4.43E-04	1.63E-06	7.76E-04	0.00122	4.21E-04	2.07E-06	1.49E-03	1.91E-03
4901	484363.09	3862377.25	0.02966	0.02298	0.02722	4.41E-04	1.62E-06	7.08E-04	0.001151	4.51E-04	1.60E-06	7.88E-04	0.00124	4.29E-04	2.03E-06	1.51E-03	1.94E-03
4902	484863.09	3862377.25	0.0297	0.02213	0.0271	4.42E-04	1.56E-06	7.05E-04	0.001149	4.52E-04	1.54E-06	7.84E-04	0.001237	4.29E-04	1.95E-06	1.51E-03	1.94E-03
4903	485363.09	3862377.25	0.02968	0.02348	0.02693	4.42E-04	1.66E-06	7.01E-04	0.001144	4.51E-04	1.63E-06	7.79E-04	0.001232	4.29E-04	2.07E-06	1.50E-03	1.93E-03
4904	485863.09	3862377.25	0.02972	0.02435	0.0268	4.42E-04	1.72E-06	6.97E-04	0.001141	4.52E-04	1.69E-06	7.76E-04	0.001229	4.29E-04	2.15E-06	1.49E-03	1.92E-03
4905	486363.09	3862377.25	0.02942	0.02332	0.02632	4.38E-04	1.65E-06	6.85E-04	0.001124	4.47E-04	1.62E-06	7.62E-04	0.001211	4.25E-04	2.06E-06	1.46E-03	1.89E-03
4906	486863.09	3862377.25	0.02907	0.02204	0.02599	4.33E-04	1.56E-06	6.76E-04	0.00111	4.42E-04	1.53E-06	7.52E-04	0.001196	4.20E-04	1.94E-06	1.44E-03	1.87E-03
4907	487363.09	3862377.25	0.02873	0.02101	0.02575	4.28E-04	1.48E-06	6.70E-04	0.001099	4.37E-04	1.46E-06	7.45E-04	0.001184	4.15E-04	1.85E-06	1.43E-03	1.85E-03
4908	487863.09	3862377.25	0.02855	0.0225	0.02587	4.25E-04	1.59E-06	6.73E-04	0.0011	4.34E-04	1.56E-06	7.49E-04	0.001184	4.13E-04	1.99E-06	1.44E-03	1.85E-03
4909	488363.09	3862377.25	0.02833	0.02359	0.02605	4.22E-04	1.67E-06	6.78E-04	0.001101	4.31E-04	1.64E-06	7.54E-04	0.001186	4.09E-04	2.08E-06	1.45E-03	1.86E-03
4910	488863.09	3862377.25	0.0283	0.02285	0.02645	4.21E-04	1.61E-06	6.88E-04	0.001111	4.30E-04	1.59E-06	7.65E-04	0.001197	4.09E-04	2.02E-06	1.47E-03	1.88E-03
4911	489363.09	3862377.25	0.02841	0.0229	0.02676	4.23E-04	1.62E-06	6.96E-04	0.001121	4.32E-04	1.59E-06	7.74E-04	0.001208	4.11E-04	2.02E-06	1.49E-03	1.90E-03
4912	489863.09	3862377.25	0.02862	0.02378	0.0272	4.26E-04	1.68E-06	7.08E-04	0.001135	4.35E-04	1.65E-06	7.87E-04	0.001224	4.14E-04	2.10E-06	1.51E-03	1.93E-03
4913	490363.09	3862377.25	0.02876	0.02382	0.02762	4.28E-04	1.68E-06	7.19E-04	0.001148	4.37E-04	1.66E-06	7.99E-04	0.001238	4.16E-04	2.10E-06	1.53E-03	1.95E-03
4914	490863.09	3862377.25	0.02879	0.02406	0.02785	4.29E-04	1.70E-06	7.25E-04	0.001155	4.38E-04	1.67E-06	8.06E-04	0.001245	4.16E-04	2.12E-06	1.55E-03	1.97E-03
4915	491363.09	3862377.25	0.02903	0.02455	0.02843	4.32E-04	1.73E-06	7.40E-04	0.001173	4.42E-04	1.71E-06	8.23E-04	0.001266	4.19E-04	2.17E-06	1.58E-03	2.00E-03
4916	491863.09	3862377.25	0.0291	0.02497	0.02885	4.33E-04	1.76E-06	7.51E-04	0.001185	4.43E-04	1.74E-06	8.35E-04	0.001279	4.21E-04	2.20E-06	1.60E-03	2.03E-03
4917	492363.09	3862377.25	0.0285	0.02476	0.02843	4.24E-04	1.75E-06	7.40E-04	0.001166	4.33E-04	1.72E-06	8.23E-04	0.001258	4.12E-04	2.18E-06	1.58E-03	1.99E-03
4918	492863.09	3862377.25	0.02722	0.02366	0.02714	4.05E-04	1.67E-06	7.06E-04	0.001113	4.14E-04	1.64E-06	7.85E-04	0.001201	3.93E-04	2.09E-06	1.51E-03	1.90E-03
4919	493363.09	3862377.25	0.02622	0.02269	0.02617	3.90E-04	1.60E-06	6.81E-04	0.001073	3.99E-04	1.58E-06	7.57E-04	0.001158	3.79E-04	2.00E-06	1.45E-03	1.84E-03
4920	493863.09	3862377.25	0.02577	0.02228	0.02584	3.84E-04	1.57E-06	6.72E-04	0.001057	3.92E-04	1.55E-06	7.48E-04	0.001141	3.72E-04	1.97E-06	1.44E-03	1.81E-03
4921	494363.09	3862377.25	0.02579	0.02226	0.02599	3.84E-04	1.57E-06	6.76E-04	0.001062	3.92E-04	1.55E-06	7.52E-04	0.001146	3.73E-04	1.96E-06	1.44E-03	1.82E-03
4922	494863.09	3862377.25	0.02628	0.02259	0.02662	3.91E-04	1.60E-06	6.93E-04	0.001085	4.00E-04	1.57E-06	7.70E-04	0.001172	3.80E-04	1.99E-06	1.48E-03	1.86E-03
4923	495363.09	3862377.25	0.02671	0.02301	0.02724	3.98E-04	1.62E-06	7.09E-04	0.001108	4.06E-04	1.60E-06	7.88E-04	0.001196	3.86E-04	2.03E-06	1.51E-03	1.90E-03
4924	495863.09	3862377.25	0.02708	0.0236	0.02786	4.03E-04	1.67E-06	7.25E-04	0.00113	4.12E-04	1.64E-06	8.06E-04	0.00122	3.91E-04	2.08E-06	1.55E-03	1.94E-03
4925	496363.09	3862377.25	0.02708	0.02401	0.0281	4.03E-04	1.70E-06	7.31E-04	0.001136	4.12E-04	1.67E-06	8.13E-04	0.001227	3.91E-04	2.12E-06	1.56E-03	1.95E-03
4926	496863.09	3862377.25	0.02711	0.02448	0.02833	4.04E-04	1.73E-06	7.37E-04	0.001142	4.12E-04	1.70E-06	8.20E-04	0.001234	3.92E-04	2.16E-06	1.57E-03	1.97E-03
4927	497363.09	3862377.25	0.02652	0.02433	0.02781	3.95E-04	1.72E-06	7.24E-04	0.00112	4.03E-04	1.69E-06	8.05E-04	0.00121	3.83E-04	2.15E-06	1.55E-03	1.93E-03
4928	497863.09	3862377.25	0.02596	0.0241	0.0273	3.86E-04	1.70E-06	7.10E-04	0.001098	3.95E-04	1.68E-06	7.90E-04	0.001186	3.75E-04	2.13E-06	1.52E-03	1.89E-03
4929	498363.09	3862377.25	0.02526	0.02364	0.02661	3.76E-04	1.67E-06	6.92E-04	0.00107	3.84E-04	1.64E-06	7.70E-04	0.001156	3.65E-04	2.09E-06	1.48E-03	1.85E-03
4930	471363.09	3862877.25	0.00963	0.0085	0.00951	1.43E-04	6.00E-07	2.47E-04	0.000391	1.46E-04	5.91E-07	2.75E-04	0.000422	1.39E-04	7.50E-07	5.28E-04	6.68E-04
4931	471863.09	3862877.25	0.01001	0.00888	0.00986	1.49E-04	6.27E-07	2.57E-04	0.000406	1.52E-04	6.17E-07	2.85E-04	0.000438	1.45E-04	7.84E-07	5.48E-04	6.93E-04

4932	472363.09	3862877.25	0.01041	0.0094	0.01022	1.55E-04	6.64E-07	2.66E-04	0.000421	1.58E-04	6.53E-07	2.96E-04	0.000455	1.50E-04	8.29E-07	5.68E-04	7.19E-04
4933	472863.09	3862877.25	0.01081	0.00992	0.01059	1.61E-04	7.00E-07	2.76E-04	0.000437	1.64E-04	6.89E-07	3.06E-04	0.000472	1.56E-04	8.75E-07	5.88E-04	7.46E-04
4934	473363.09	3862877.25	0.01124	0.01039	0.01101	1.67E-04	7.34E-07	2.86E-04	0.000454	1.71E-04	7.22E-07	3.19E-04	0.00049	1.62E-04	9.17E-07	6.12E-04	7.75E-04
4935	473863.09	3862877.25	0.01165	0.01081	0.01139	1.73E-04	7.63E-07	2.96E-04	0.00047	1.77E-04	7.51E-07	3.30E-04	0.000508	1.68E-04	9.54E-07	6.33E-04	8.02E-04
4936	474363.09	3862877.25	0.01206	0.01121	0.01173	1.80E-04	7.92E-07	3.05E-04	0.000485	1.83E-04	7.79E-07	3.39E-04	0.000524	1.74E-04	9.89E-07	6.52E-04	8.27E-04
4937	474863.09	3862877.25	0.01249	0.01156	0.01214	1.86E-04	8.16E-07	3.16E-04	0.000503	1.90E-04	8.03E-07	3.51E-04	0.000542	1.80E-04	1.02E-06	6.75E-04	8.56E-04
4938	475363.09	3862877.25	0.01301	0.01218	0.0127	1.94E-04	8.60E-07	3.30E-04	0.000525	1.98E-04	8.47E-07	3.68E-04	0.000566	1.88E-04	1.07E-06	7.06E-04	8.95E-04
4939	475863.09	3862877.25	0.01355	0.01302	0.01322	2.02E-04	9.19E-07	3.44E-04	0.000547	2.06E-04	9.05E-07	3.83E-04	0.00059	1.96E-04	1.15E-06	7.35E-04	9.32E-04
4940	476363.09	3862877.25	0.01412	0.01384	0.01375	2.10E-04	9.77E-07	3.58E-04	0.000569	2.15E-04	9.62E-07	3.98E-04	0.000614	2.04E-04	1.22E-06	7.64E-04	9.69E-04
4941	476863.09	3862877.25	0.01469	0.01469	0.01419	2.19E-04	1.04E-06	3.69E-04	0.000589	2.23E-04	1.02E-06	4.11E-04	0.000635	2.12E-04	1.30E-06	7.88E-04	1.00E-03
4942	477363.09	3862877.25	0.0152	0.0148	0.0147	2.26E-04	1.05E-06	3.82E-04	0.00061	2.31E-04	1.03E-06	4.25E-04	0.000658	2.20E-04	1.31E-06	8.17E-04	1.04E-03
4943	477863.09	3862877.25	0.01501	0.01386	0.01476	2.23E-04	9.79E-07	3.84E-04	0.000608	2.28E-04	9.63E-07	4.27E-04	0.000656	2.17E-04	1.22E-06	8.20E-04	1.04E-03
4944	478363.09	3862877.25	0.01312	0.01189	0.01308	1.95E-04	8.40E-07	3.40E-04	0.000536	2.00E-04	8.26E-07	3.79E-04	0.000579	1.90E-04	1.05E-06	7.27E-04	9.17E-04
4945	478863.09	3862877.25	0.01384	0.01317	0.01378	2.06E-04	9.30E-07	3.58E-04	0.000565	2.10E-04	9.15E-07	3.99E-04	0.00061	2.00E-04	1.16E-06	7.66E-04	9.67E-04
4946	479363.09	3862877.25	0.01494	0.0149	0.01473	2.22E-04	1.05E-06	3.83E-04	0.000607	2.27E-04	1.04E-06	4.26E-04	0.000655	2.16E-04	1.31E-06	8.18E-04	1.04E-03
4947	479863.09	3862877.25	0.01929	0.01815	0.0183	2.87E-04	1.28E-06	4.76E-04	0.000765	2.93E-04	1.26E-06	5.30E-04	0.000824	2.79E-04	1.60E-06	1.02E-03	1.30E-03
4948	480363.09	3862877.25	0.02027	0.01765	0.01902	3.02E-04	1.25E-06	4.95E-04	0.000798	3.08E-04	1.23E-06	5.50E-04	0.00086	2.93E-04	1.56E-06	1.06E-03	1.35E-03
4949	480863.09	3862877.25	0.02117	0.01732	0.01989	3.15E-04	1.22E-06	5.17E-04	0.000834	3.22E-04	1.20E-06	5.76E-04	0.000899	3.06E-04	1.53E-06	1.11E-03	1.41E-03
4950	481363.09	3862877.25	0.02206	0.01838	0.02068	3.28E-04	1.30E-06	5.38E-04	0.000868	3.36E-04	1.28E-06	5.98E-04	0.000935	3.19E-04	1.62E-06	1.15E-03	1.47E-03
4951	481863.09	3862877.25	0.02306	0.02004	0.02165	3.43E-04	1.41E-06	5.63E-04	0.000908	3.51E-04	1.39E-06	6.26E-04	0.000979	3.33E-04	1.77E-06	1.20E-03	1.54E-03
4952	482363.09	3862877.25	0.02386	0.02024	0.02227	3.55E-04	1.43E-06	5.79E-04	0.000936	3.63E-04	1.41E-06	6.44E-04	0.001009	3.45E-04	1.79E-06	1.24E-03	1.58E-03
4953	482863.09	3862877.25	0.02471	0.02031	0.02298	3.68E-04	1.43E-06	5.98E-04	0.000967	3.76E-04	1.41E-06	6.65E-04	0.001042	3.57E-04	1.79E-06	1.28E-03	1.64E-03
4954	483363.09	3862877.25	0.02538	0.02097	0.02347	3.78E-04	1.48E-06	6.11E-04	0.00099	3.86E-04	1.46E-06	6.79E-04	0.001067	3.67E-04	1.85E-06	1.30E-03	1.67E-03
4955	483863.09	3862877.25	0.02574	0.02094	0.02366	3.83E-04	1.48E-06	6.16E-04	0.001	3.91E-04	1.46E-06	6.85E-04	0.001078	3.72E-04	1.85E-06	1.31E-03	1.69E-03
4956	484363.09	3862877.25	0.02597	0.01978	0.02373	3.87E-04	1.40E-06	6.17E-04	0.001005	3.95E-04	1.37E-06	6.87E-04	0.001083	3.75E-04	1.75E-06	1.32E-03	1.70E-03
4957	484863.09	3862877.25	0.02585	0.0191	0.02344	3.85E-04	1.35E-06	6.10E-04	0.000996	3.93E-04	1.33E-06	6.78E-04	0.001073	3.74E-04	1.69E-06	1.30E-03	1.68E-03
4958	485363.09	3862877.25	0.02588	0.02069	0.02336	3.85E-04	1.46E-06	6.08E-04	0.000994	3.94E-04	1.44E-06	6.76E-04	0.001071	3.74E-04	1.83E-06	1.30E-03	1.67E-03
4959	485863.09	3862877.25	0.02576	0.0211	0.02311	3.83E-04	1.49E-06	6.01E-04	0.000986	3.92E-04	1.47E-06	6.69E-04	0.001062	3.72E-04	1.86E-06	1.28E-03	1.66E-03
4960	486363.09	3862877.25	0.02572	0.02077	0.02298	3.83E-04	1.47E-06	5.98E-04	0.000982	3.91E-04	1.44E-06	6.65E-04	0.001058	3.72E-04	1.83E-06	1.28E-03	1.65E-03
4961	486863.09	3862877.25	0.02524	0.01956	0.02255	3.76E-04	1.38E-06	5.87E-04	0.000964	3.84E-04	1.36E-06	6.53E-04	0.001038	3.65E-04	1.73E-06	1.25E-03	1.62E-03
4962	487363.09	3862877.25	0.02497	0.01839	0.02229	3.72E-04	1.30E-06	5.80E-04	0.000953	3.80E-04	1.28E-06	6.45E-04	0.001026	3.61E-04	1.62E-06	1.24E-03	1.60E-03
4963	487863.09	3862877.25	0.02477	0.01917	0.02234	3.69E-04	1.35E-06	5.81E-04	0.000951	3.77E-04	1.33E-06	6.46E-04	0.001025	3.58E-04	1.69E-06	1.24E-03	1.60E-03
4964	488363.09	3862877.25	0.02465	0.02062	0.02259	3.67E-04	1.46E-06	5.88E-04	0.000956	3.75E-04	1.43E-06	6.54E-04	0.00103	3.56E-04	1.82E-06	1.26E-03	1.61E-03
4965	488863.09	3862877.25	0.02456	0.02044	0.02289	3.66E-04	1.44E-06	5.96E-04	0.000963	3.74E-04	1.42E-06	6.62E-04	0.001037	3.55E-04	1.80E-06	1.27E-03	1.63E-03
4966	489363.09	3862877.25	0.02455	0.01988	0.02306	3.65E-04	1.40E-06	6.00E-04	0.000967	3.73E-04	1.38E-06	6.67E-04	0.001042	3.55E-04	1.75E-06	1.28E-03	1.64E-03
4967	489863.09	3862877.25	0.02471	0.02048	0.02338	3.68E-04	1.45E-06	6.08E-04	0.000978	3.76E-04	1.42E-06	6.77E-04	0.001054	3.57E-04	1.81E-06	1.30E-03	1.66E-03
4968	490363.09	3862877.25	0.02485	0.02095	0.02377	3.70E-04	1.48E-06	6.18E-04	0.00099	3.78E-04	1.46E-06	6.88E-04	0.001067	3.59E-04	1.85E-06	1.32E-03	1.68E-03
4969	490863.09	3862877.25	0.02491	0.02089	0.02399	3.71E-04	1.48E-06	6.24E-04	0.000996	3.79E-04	1.45E-06	6.94E-04	0.001075	3.60E-04	1.84E-06	1.33E-03	1.69E-03
4970	491363.09	3862877.25	0.02513	0.02131	0.02441	3.74E-04	1.50E-06	6.35E-04	0.001011	3.82E-04	1.48E-06	7.06E-04	0.00109	3.63E-04	1.88E-06	1.36E-03	1.72E-03
4971	491863.09	3862877.25	0.0251	0.02154	0.02466	3.74E-04	1.52E-06	6.42E-04	0.001017	3.82E-04	1.50E-06	7.14E-04	0.001097	3.63E-04	1.90E-06	1.37E-03	1.73E-03
4972	492363.09	3862877.25	0.02534	0.02205	0.02521	3.77E-04	1.56E-06	6.56E-04	0.001035	3.85E-04	1.53E-06	7.30E-04	0.001116	3.66E-04	1.95E-06	1.40E-03	1.77E-03
4973	492863.09	3862877.25	0.02488	0.0219	0.0249	3.70E-04	1.55E-06	6.48E-04	0.00102	3.78E-04	1.52E-06	7.21E-04	0.0011	3.60E-04	1.93E-06	1.38E-03	1.75E-03
4974	493363.09	3862877.25	0.02389	0.02107	0.0239	3.56E-04	1.49E-06	6.22E-04	0.000979	3.63E-04	1.46E-06	6.92E-04	0.001056	3.45E-04	1.86E-06	1.33E-03	1.68E-03
4975	493863.09	3862877.25	0.02305	0.02023	0.02305	3.43E-04	1.43E-06	6.00E-04	0.000944	3.51E-04	1.41E-06	6.67E-04	0.001019	3.33E-04	1.78E-06	1.28E-03	1.62E-03
4976	494363.09	3862877.25	0.02253	0.01975	0.02262	3.35E-04	1.39E-06	5.88E-04	0.000925	3.43E-04	1.37E-06	6.55E-04	0.000999	3.26E-04	1.74E-06	1.26E-03	1.58E-03
4977	494863.09	3862877.25	0.02222	0.0195	0.02242	3.31E-04	1.38E-06	5.83E-04	0.000915	3.38E-04	1.36E-06	6.49E-04	0.000988	3.21E-04	1.72E-06	1.25E-03	1.57E-03
4978	495363.09	3862877.25	0.02233	0.01957	0.02265	3.32E-04	1.38E-06	5.89E-04	0.000923	3.40E-04	1.36E-06	6.55E-04	0.000996	3.23E-04	1.73E-06	1.26E-03	1.58E-03

4979	495863.09	3862877.25	0.02277	0.0199	0.02321	3.39E-04	1.41E-06	6.04E-04	0.000944	3.46E-04	1.38E-06	6.72E-04	0.001019	3.29E-04	1.76E-06	1.29E-03	1.62E-03
4980	496363.09	3862877.25	0.02323	0.02038	0.02386	3.46E-04	1.44E-06	6.21E-04	0.000968	3.53E-04	1.42E-06	6.90E-04	0.001045	3.36E-04	1.80E-06	1.33E-03	1.66E-03
4981	496863.09	3862877.25	0.02349	0.02086	0.02434	3.50E-04	1.47E-06	6.33E-04	0.000984	3.57E-04	1.45E-06	7.04E-04	0.001063	3.39E-04	1.84E-06	1.35E-03	1.69E-03
4982	497363.09	3862877.25	0.0234	0.02115	0.02444	3.48E-04	1.49E-06	6.36E-04	0.000986	3.56E-04	1.47E-06	7.07E-04	0.001065	3.38E-04	1.87E-06	1.36E-03	1.70E-03
4983	497863.09	3862877.25	0.02315	0.02129	0.02432	3.45E-04	1.50E-06	6.33E-04	0.000979	3.52E-04	1.48E-06	7.04E-04	0.001057	3.35E-04	1.88E-06	1.35E-03	1.69E-03
4984	498363.09	3862877.25	0.02286	0.02133	0.0241	3.40E-04	1.51E-06	6.27E-04	0.000969	3.48E-04	1.48E-06	6.97E-04	0.001047	3.30E-04	1.88E-06	1.34E-03	1.67E-03
4985	471363.09	3863377.25	0.00931	0.00825	0.00917	1.39E-04	5.83E-07	2.39E-04	0.000378	1.42E-04	5.73E-07	2.65E-04	0.000408	1.35E-04	7.28E-07	5.10E-04	6.45E-04
4986	471863.09	3863377.25	0.00964	0.00872	0.00947	1.43E-04	6.16E-07	2.46E-04	0.00039	1.47E-04	6.06E-07	2.74E-04	0.000421	1.39E-04	7.69E-07	5.26E-04	6.66E-04
4987	472363.09	3863377.25	0.00998	0.00917	0.00979	1.49E-04	6.47E-07	2.55E-04	0.000404	1.52E-04	6.37E-07	2.83E-04	0.000436	1.44E-04	8.09E-07	5.44E-04	6.89E-04
4988	472863.09	3863377.25	0.01033	0.00958	0.0101	1.54E-04	6.76E-07	2.63E-04	0.000417	1.57E-04	6.66E-07	2.92E-04	0.00045	1.49E-04	8.45E-07	5.61E-04	7.11E-04
4989	473363.09	3863377.25	0.01069	0.01002	0.01042	1.59E-04	7.07E-07	2.71E-04	0.000431	1.63E-04	6.96E-07	3.02E-04	0.000465	1.54E-04	8.84E-07	5.79E-04	7.34E-04
4990	473863.09	3863377.25	0.01105	0.01046	0.01075	1.64E-04	7.39E-07	2.80E-04	0.000445	1.68E-04	7.27E-07	3.11E-04	0.00048	1.60E-04	9.23E-07	5.97E-04	7.58E-04
4991	474363.09	3863377.25	0.01142	0.01087	0.0111	1.70E-04	7.68E-07	2.89E-04	0.00046	1.74E-04	7.55E-07	3.21E-04	0.000496	1.65E-04	9.59E-07	6.17E-04	7.83E-04
4992	474863.09	3863377.25	0.01185	0.01128	0.01148	1.76E-04	7.96E-07	2.99E-04	0.000476	1.80E-04	7.84E-07	3.32E-04	0.000513	1.71E-04	9.95E-07	6.38E-04	8.10E-04
4993	475363.09	3863377.25	0.01228	0.01177	0.01191	1.83E-04	8.31E-07	3.10E-04	0.000493	1.87E-04	8.18E-07	3.45E-04	0.000532	1.77E-04	1.04E-06	6.62E-04	8.40E-04
4994	475863.09	3863377.25	0.01276	0.01231	0.01235	1.90E-04	8.69E-07	3.21E-04	0.000512	1.94E-04	8.56E-07	3.57E-04	0.000552	1.84E-04	1.09E-06	6.86E-04	8.72E-04
4995	476363.09	3863377.25	0.01329	0.0128	0.0128	1.98E-04	9.04E-07	3.33E-04	0.000532	2.02E-04	8.90E-07	3.70E-04	0.000573	1.92E-04	1.13E-06	7.11E-04	9.04E-04
4996	476863.09	3863377.25	0.01384	0.01309	0.01327	2.06E-04	9.24E-07	3.45E-04	0.000552	2.10E-04	9.10E-07	3.84E-04	0.000595	2.00E-04	1.15E-06	7.37E-04	9.39E-04
4997	477363.09	3863377.25	0.01435	0.01315	0.01378	2.14E-04	9.28E-07	3.58E-04	0.000573	2.18E-04	9.14E-07	3.99E-04	0.000618	2.07E-04	1.16E-06	7.66E-04	9.74E-04
4998	477863.09	3863377.25	0.01469	0.01317	0.01415	2.19E-04	9.30E-07	3.68E-04	0.000588	2.23E-04	9.15E-07	4.09E-04	0.000634	2.12E-04	1.16E-06	7.86E-04	1.00E-03
4999	478363.09	3863377.25	0.01448	0.01361	0.01413	2.16E-04	9.61E-07	3.68E-04	0.000584	2.20E-04	9.46E-07	4.09E-04	0.00063	2.09E-04	1.20E-06	7.85E-04	9.96E-04
5000	478863.09	3863377.25	0.01548	0.01514	0.01495	2.30E-04	1.07E-06	3.89E-04	0.00062	2.35E-04	1.05E-06	4.33E-04	0.000669	2.24E-04	1.34E-06	8.31E-04	1.06E-03
5001	479363.09	3863377.25	0.01688	0.01632	0.01598	2.51E-04	1.15E-06	4.16E-04	0.000668	2.57E-04	1.13E-06	4.62E-04	0.00072	2.44E-04	1.44E-06	8.88E-04	1.13E-03
5002	479863.09	3863377.25	0.01786	0.01612	0.01673	2.66E-04	1.14E-06	4.35E-04	0.000702	2.72E-04	1.12E-06	4.84E-04	0.000757	2.58E-04	1.42E-06	9.30E-04	1.19E-03
5003	480363.09	3863377.25	0.01856	0.01548	0.01738	2.76E-04	1.09E-06	4.52E-04	0.00073	2.82E-04	1.08E-06	5.03E-04	0.000786	2.68E-04	1.37E-06	9.66E-04	1.24E-03
5004	480863.09	3863377.25	0.01933	0.01574	0.01815	2.88E-04	1.11E-06	4.72E-04	0.000761	2.94E-04	1.09E-06	5.25E-04	0.00082	2.79E-04	1.39E-06	1.01E-03	1.29E-03
5005	481363.09	3863377.25	0.02004	0.01723	0.01877	2.98E-04	1.22E-06	4.88E-04	0.000788	3.05E-04	1.20E-06	5.43E-04	0.000849	2.90E-04	1.52E-06	1.04E-03	1.33E-03
5006	481863.09	3863377.25	0.02081	0.01827	0.01942	3.10E-04	1.29E-06	5.05E-04	0.000816	3.16E-04	1.27E-06	5.62E-04	0.00088	3.01E-04	1.61E-06	1.08E-03	1.38E-03
5007	482363.09	3863377.25	0.02153	0.01803	0.02003	3.20E-04	1.27E-06	5.21E-04	0.000843	3.27E-04	1.25E-06	5.80E-04	0.000908	3.11E-04	1.59E-06	1.11E-03	1.43E-03
5008	482863.09	3863377.25	0.02212	0.01828	0.02052	3.29E-04	1.29E-06	5.34E-04	0.000864	3.36E-04	1.27E-06	5.94E-04	0.000931	3.20E-04	1.61E-06	1.14E-03	1.46E-03
5009	483363.09	3863377.25	0.02259	0.01894	0.02085	3.36E-04	1.34E-06	5.42E-04	0.00088	3.44E-04	1.32E-06	6.03E-04	0.000948	3.26E-04	1.67E-06	1.16E-03	1.49E-03
5010	483863.09	3863377.25	0.02282	0.01852	0.0209	3.40E-04	1.31E-06	5.44E-04	0.000885	3.47E-04	1.29E-06	6.05E-04	0.000953	3.30E-04	1.63E-06	1.16E-03	1.49E-03
5011	484363.09	3863377.25	0.02285	0.01703	0.02074	3.40E-04	1.20E-06	5.40E-04	0.000881	3.48E-04	1.18E-06	6.00E-04	0.000949	3.30E-04	1.50E-06	1.15E-03	1.48E-03
5012	484863.09	3863377.25	0.02287	0.01702	0.02064	3.40E-04	1.20E-06	5.37E-04	0.000879	3.48E-04	1.18E-06	5.97E-04	0.000946	3.30E-04	1.50E-06	1.15E-03	1.48E-03
5013	485363.09	3863377.25	0.02271	0.01824	0.02038	3.38E-04	1.29E-06	5.30E-04	0.00087	3.45E-04	1.27E-06	5.90E-04	0.000936	3.28E-04	1.61E-06	1.13E-03	1.46E-03
5014	485863.09	3863377.25	0.02264	0.01847	0.02022	3.37E-04	1.30E-06	5.26E-04	0.000864	3.44E-04	1.28E-06	5.85E-04	0.000931	3.27E-04	1.63E-06	1.12E-03	1.45E-03
5015	486363.09	3863377.25	0.02256	0.0185	0.02013	3.36E-04	1.31E-06	5.24E-04	0.000861	3.43E-04	1.29E-06	5.83E-04	0.000927	3.26E-04	1.63E-06	1.12E-03	1.45E-03
5016	486863.09	3863377.25	0.0223	0.01762	0.01988	3.32E-04	1.24E-06	5.17E-04	0.00085	3.39E-04	1.22E-06	5.75E-04	0.000916	3.22E-04	1.55E-06	1.10E-03	1.43E-03
5017	487363.09	3863377.25	0.02204	0.01644	0.01962	3.28E-04	1.16E-06	5.10E-04	0.00084	3.35E-04	1.14E-06	5.68E-04	0.000904	3.18E-04	1.45E-06	1.09E-03	1.41E-03
5018	487863.09	3863377.25	0.0218	0.01666	0.01956	3.24E-04	1.18E-06	5.09E-04	0.000835	3.32E-04	1.16E-06	5.66E-04	0.000899	3.15E-04	1.47E-06	1.09E-03	1.40E-03
5019	488363.09	3863377.25	0.02167	0.01788	0.01974	3.23E-04	1.26E-06	5.14E-04	0.000837	3.30E-04	1.24E-06	5.71E-04	0.000902	3.13E-04	1.58E-06	1.10E-03	1.41E-03
5020	488863.09	3863377.25	0.02159	0.01834	0.02004	3.21E-04	1.29E-06	5.21E-04	0.000844	3.28E-04	1.27E-06	5.80E-04	0.00091	3.12E-04	1.62E-06	1.11E-03	1.43E-03
5021	489363.09	3863377.25	0.0215	0.01778	0.02015	3.20E-04	1.26E-06	5.24E-04	0.000845	3.27E-04	1.24E-06	5.83E-04	0.000911	3.11E-04	1.57E-06	1.12E-03	1.43E-03
5022	489863.09	3863377.25	0.02155	0.01771	0.0203	3.21E-04	1.25E-06	5.28E-04	0.00085	3.28E-04	1.23E-06	5.87E-04	0.000916	3.11E-04	1.56E-06	1.13E-03	1.44E-03
5023	490363.09	3863377.25	0.02169	0.01841	0.02065	3.23E-04	1.30E-06	5.37E-04	0.000861	3.30E-04	1.28E-06	5.98E-04	0.000929	3.13E-04	1.62E-06	1.15E-03	1.46E-03
5024	490863.09	3863377.25	0.0219	0.01862	0.02103	3.26E-04	1.31E-06	5.47E-04	0.000874	3.33E-04	1.29E-06	6.09E-04	0.000943	3.16E-04	1.64E-06	1.17E-03	1.49E-03
5025	491363.09	3863377.25	0.02185	0.01853	0.02108	3.25E-04	1.31E-06	5.48E-04	0.000875	3.32E-04	1.29E-06	6.10E-04	0.000944	3.16E-04	1.63E-06	1.17E-03	1.49E-03

5026	491863.09	3863377.25	0.02183	0.01875	0.02125	3.25E-04	1.32E-06	5.53E-04	0.000879	3.32E-04	1.30E-06	6.15E-04	0.000948	3.15E-04	1.65E-06	1.18E-03	1.50E-03
5027	492363.09	3863377.25	0.02226	0.01932	0.02194	3.31E-04	1.36E-06	5.71E-04	0.000903	3.39E-04	1.34E-06	6.35E-04	0.000975	3.22E-04	1.70E-06	1.22E-03	1.54E-03
5028	492863.09	3863377.25	0.02285	0.02011	0.02284	3.40E-04	1.42E-06	5.94E-04	0.000936	3.48E-04	1.40E-06	6.61E-04	0.00101	3.30E-04	1.77E-06	1.27E-03	1.60E-03
5029	493363.09	3863377.25	0.02275	0.02025	0.02291	3.39E-04	1.43E-06	5.96E-04	0.000936	3.46E-04	1.41E-06	6.63E-04	0.00101	3.29E-04	1.79E-06	1.27E-03	1.60E-03
5030	493863.09	3863377.25	0.02182	0.01948	0.02196	3.25E-04	1.38E-06	5.71E-04	0.000897	3.32E-04	1.35E-06	6.35E-04	0.000969	3.15E-04	1.72E-06	1.22E-03	1.54E-03
5031	494363.09	3863377.25	0.02079	0.01847	0.02086	3.09E-04	1.30E-06	5.43E-04	0.000853	3.16E-04	1.28E-06	6.04E-04	0.000921	3.00E-04	1.63E-06	1.16E-03	1.46E-03
5032	494863.09	3863377.25	0.0203	0.01799	0.02042	3.02E-04	1.27E-06	5.31E-04	0.000835	3.09E-04	1.25E-06	5.91E-04	0.000901	2.93E-04	1.59E-06	1.13E-03	1.43E-03
5033	495363.09	3863377.25	0.02018	0.01792	0.02042	3.00E-04	1.27E-06	5.31E-04	0.000833	3.07E-04	1.25E-06	5.91E-04	0.000899	2.92E-04	1.58E-06	1.13E-03	1.43E-03
5034	495863.09	3863377.25	0.02024	0.018	0.02061	3.01E-04	1.27E-06	5.36E-04	0.000839	3.08E-04	1.25E-06	5.96E-04	0.000905	2.92E-04	1.59E-06	1.15E-03	1.44E-03
5035	496363.09	3863377.25	0.01996	0.0177	0.02037	2.97E-04	1.25E-06	5.30E-04	0.000828	3.04E-04	1.23E-06	5.89E-04	0.000894	2.88E-04	1.56E-06	1.13E-03	1.42E-03
5036	496863.09	3863377.25	0.01997	0.01772	0.02049	2.97E-04	1.25E-06	5.33E-04	0.000832	3.04E-04	1.23E-06	5.93E-04	0.000898	2.89E-04	1.56E-06	1.14E-03	1.43E-03
5037	497363.09	3863377.25	0.02033	0.01813	0.02102	3.03E-04	1.28E-06	5.47E-04	0.000851	3.09E-04	1.26E-06	6.08E-04	0.000919	2.94E-04	1.60E-06	1.17E-03	1.46E-03
5038	497863.09	3863377.25	0.02057	0.01859	0.02145	3.06E-04	1.31E-06	5.58E-04	0.000866	3.13E-04	1.29E-06	6.21E-04	0.000935	2.97E-04	1.64E-06	1.19E-03	1.49E-03
5039	498363.09	3863377.25	0.02053	0.01887	0.02157	3.06E-04	1.33E-06	5.61E-04	0.000868	3.12E-04	1.31E-06	6.24E-04	0.000938	2.97E-04	1.66E-06	1.20E-03	1.50E-03
5040	471363.09	3863877.25	0.00894	0.00813	0.00877	1.33E-04	5.74E-07	2.28E-04	0.000362	1.36E-04	5.65E-07	2.54E-04	0.00039	1.29E-04	7.17E-07	4.87E-04	6.17E-04
5041	471863.09	3863877.25	0.00921	0.00855	0.00902	1.37E-04	6.04E-07	2.35E-04	0.000372	1.40E-04	5.94E-07	2.61E-04	0.000402	1.33E-04	7.54E-07	5.01E-04	6.35E-04
5042	472363.09	3863877.25	0.00952	0.00894	0.00929	1.42E-04	6.31E-07	2.42E-04	0.000384	1.45E-04	6.21E-07	2.69E-04	0.000414	1.38E-04	7.89E-07	5.16E-04	6.55E-04
5043	472863.09	3863877.25	0.00982	0.00938	0.00956	1.46E-04	6.62E-07	2.49E-04	0.000396	1.49E-04	6.52E-07	2.77E-04	0.000427	1.42E-04	8.28E-07	5.31E-04	6.74E-04
5044	473363.09	3863877.25	0.01014	0.00976	0.00982	1.51E-04	6.89E-07	2.55E-04	0.000407	1.54E-04	6.78E-07	2.84E-04	0.000439	1.47E-04	8.61E-07	5.46E-04	6.93E-04
5045	473863.09	3863877.25	0.01045	0.01006	0.01012	1.56E-04	7.10E-07	2.63E-04	0.00042	1.59E-04	6.99E-07	2.93E-04	0.000452	1.51E-04	8.88E-07	5.62E-04	7.14E-04
5046	474363.09	3863877.25	0.01079	0.01028	0.01043	1.61E-04	7.26E-07	2.71E-04	0.000433	1.64E-04	7.14E-07	3.02E-04	0.000467	1.56E-04	9.07E-07	5.80E-04	7.36E-04
5047	474863.09	3863877.25	0.01116	0.0105	0.01075	1.66E-04	7.41E-07	2.80E-04	0.000447	1.70E-04	7.30E-07	3.11E-04	0.000482	1.61E-04	9.26E-07	5.97E-04	7.60E-04
5048	475363.09	3863877.25	0.01157	0.01085	0.01113	1.72E-04	7.66E-07	2.90E-04	0.000463	1.76E-04	7.54E-07	3.22E-04	0.000499	1.67E-04	9.57E-07	6.18E-04	7.87E-04
5049	475863.09	3863877.25	0.012	0.01125	0.01148	1.79E-04	7.94E-07	2.99E-04	0.000478	1.83E-04	7.82E-07	3.32E-04	0.000515	1.73E-04	9.93E-07	6.38E-04	8.12E-04
5050	476363.09	3863877.25	0.01246	0.01164	0.01186	1.85E-04	8.22E-07	3.09E-04	0.000495	1.90E-04	8.09E-07	3.43E-04	0.000534	1.80E-04	1.03E-06	6.59E-04	8.40E-04
5051	476863.09	3863877.25	0.01294	0.0119	0.01227	1.93E-04	8.40E-07	3.19E-04	0.000513	1.97E-04	8.27E-07	3.55E-04	0.000553	1.87E-04	1.05E-06	6.82E-04	8.70E-04
5052	477363.09	3863877.25	0.01345	0.01227	0.01276	2.00E-04	8.66E-07	3.32E-04	0.000533	2.05E-04	8.53E-07	3.69E-04	0.000575	1.94E-04	1.08E-06	7.09E-04	9.04E-04
5053	477863.09	3863877.25	0.01393	0.01286	0.01328	2.07E-04	9.08E-07	3.45E-04	0.000554	2.12E-04	8.94E-07	3.84E-04	0.000597	2.01E-04	1.13E-06	7.38E-04	9.40E-04
5054	478363.09	3863877.25	0.01417	0.01365	0.01354	2.11E-04	9.64E-07	3.52E-04	0.000564	2.16E-04	9.49E-07	3.92E-04	0.000608	2.05E-04	1.20E-06	7.52E-04	9.58E-04
5055	478863.09	3863877.25	0.01522	0.01461	0.01441	2.27E-04	1.03E-06	3.75E-04	0.000602	2.31E-04	1.02E-06	4.17E-04	0.000649	2.20E-04	1.29E-06	8.01E-04	1.02E-03
5056	479363.09	3863877.25	0.01591	0.01474	0.01493	2.37E-04	1.04E-06	3.88E-04	0.000626	2.42E-04	1.02E-06	4.32E-04	0.000675	2.30E-04	1.30E-06	8.30E-04	1.06E-03
5057	479863.09	3863877.25	0.01649	0.01426	0.01542	2.45E-04	1.01E-06	4.01E-04	0.000648	2.51E-04	9.91E-07	4.46E-04	0.000698	2.38E-04	1.26E-06	8.57E-04	1.10E-03
5058	480363.09	3863877.25	0.01705	0.01391	0.01598	2.54E-04	9.82E-07	4.16E-04	0.000671	2.59E-04	9.67E-07	4.62E-04	0.000723	2.46E-04	1.23E-06	8.88E-04	1.14E-03
5059	480863.09	3863877.25	0.01771	0.01479	0.0166	2.64E-04	1.04E-06	4.32E-04	0.000697	2.69E-04	1.03E-06	4.80E-04	0.000751	2.56E-04	1.30E-06	9.22E-04	1.18E-03
5060	481363.09	3863877.25	0.01834	0.01619	0.01712	2.73E-04	1.14E-06	4.45E-04	0.00072	2.79E-04	1.13E-06	4.95E-04	0.000775	2.65E-04	1.43E-06	9.51E-04	1.22E-03
5061	481863.09	3863877.25	0.01892	0.01645	0.01761	2.82E-04	1.16E-06	4.58E-04	0.000741	2.88E-04	1.14E-06	5.10E-04	0.000798	2.73E-04	1.45E-06	9.79E-04	1.25E-03
5062	482363.09	3863877.25	0.01951	0.01622	0.01812	2.90E-04	1.15E-06	4.71E-04	0.000763	2.97E-04	1.13E-06	5.24E-04	0.000822	2.82E-04	1.43E-06	1.01E-03	1.29E-03
5063	482863.09	3863877.25	0.01993	0.01673	0.01846	2.97E-04	1.18E-06	4.80E-04	0.000778	3.03E-04	1.16E-06	5.34E-04	0.000838	2.88E-04	1.48E-06	1.03E-03	1.32E-03
5064	483363.09	3863877.25	0.02022	0.01705	0.0186	3.01E-04	1.20E-06	4.84E-04	0.000786	3.08E-04	1.19E-06	5.38E-04	0.000847	2.92E-04	1.50E-06	1.03E-03	1.33E-03
5065	483863.09	3863877.25	0.02038	0.01632	0.01857	3.03E-04	1.15E-06	4.83E-04	0.000788	3.10E-04	1.13E-06	5.37E-04	0.000848	2.94E-04	1.44E-06	1.03E-03	1.33E-03
5066	484363.09	3863877.25	0.02034	0.01497	0.01838	3.03E-04	1.06E-06	4.78E-04	0.000782	3.09E-04	1.04E-06	5.32E-04	0.000842	2.94E-04	1.32E-06	1.02E-03	1.32E-03
5067	484863.09	3863877.25	0.02028	0.01534	0.01821	3.02E-04	1.08E-06	4.74E-04	0.000777	3.08E-04	1.07E-06	5.27E-04	0.000836	2.93E-04	1.35E-06	1.01E-03	1.31E-03
5068	485363.09	3863877.25	0.02018	0.01617	0.01801	3.00E-04	1.14E-06	4.69E-04	0.00077	3.07E-04	1.12E-06	5.21E-04	0.000829	2.92E-04	1.43E-06	1.00E-03	1.29E-03
5069	485863.09	3863877.25	0.02018	0.01637	0.01796	3.00E-04	1.16E-06	4.67E-04	0.000769	3.07E-04	1.14E-06	5.20E-04	0.000828	2.92E-04	1.44E-06	9.98E-04	1.29E-03
5070	486363.09	3863877.25	0.02	0.01659	0.01782	2.98E-04	1.17E-06	4.64E-04	0.000762	3.04E-04	1.15E-06	5.16E-04	0.000821	2.89E-04	1.46E-06	9.90E-04	1.28E-03
5071	486863.09	3863877.25	0.01979	0.01592	0.01759	2.95E-04	1.12E-06	4.58E-04	0.000753	3.01E-04	1.11E-06	5.09E-04	0.000811	2.86E-04	1.40E-06	9.77E-04	1.26E-03
5072	487363.09	3863877.25	0.01959	0.01484	0.0174	2.92E-04	1.05E-06	4.53E-04	0.000745	2.98E-04	1.03E-06	5.04E-04	0.000802	2.83E-04	1.31E-06	9.67E-04	1.25E-03

5073	487863.09	3863877.25	0.01939	0.01477	0.01733	2.89E-04	1.04E-06	4.51E-04	0.000741	2.95E-04	1.03E-06	5.01E-04	0.000797	2.80E-04	1.30E-06	9.63E-04	1.24E-03
5074	488363.09	3863877.25	0.01928	0.01559	0.01745	2.87E-04	1.10E-06	4.54E-04	0.000742	2.93E-04	1.08E-06	5.05E-04	0.000799	2.79E-04	1.38E-06	9.70E-04	1.25E-03
5075	488863.09	3863877.25	0.01919	0.01634	0.01771	2.86E-04	1.15E-06	4.61E-04	0.000748	2.92E-04	1.14E-06	5.12E-04	0.000805	2.77E-04	1.44E-06	9.84E-04	1.26E-03
5076	489363.09	3863877.25	0.0191	0.01617	0.01784	2.84E-04	1.14E-06	4.64E-04	0.00075	2.90E-04	1.12E-06	5.16E-04	0.000808	2.76E-04	1.43E-06	9.91E-04	1.27E-03
5077	489863.09	3863877.25	0.01909	0.01578	0.01792	2.84E-04	1.11E-06	4.66E-04	0.000751	2.90E-04	1.10E-06	5.19E-04	0.00081	2.76E-04	1.39E-06	9.96E-04	1.27E-03
5078	490363.09	3863877.25	0.01916	0.01609	0.01814	2.85E-04	1.14E-06	4.72E-04	0.000758	2.91E-04	1.12E-06	5.25E-04	0.000817	2.77E-04	1.42E-06	1.01E-03	1.29E-03
5079	490863.09	3863877.25	0.01931	0.01661	0.01847	2.87E-04	1.17E-06	4.81E-04	0.000769	2.94E-04	1.15E-06	5.34E-04	0.000829	2.79E-04	1.47E-06	1.03E-03	1.31E-03
5080	491363.09	3863877.25	0.01941	0.01661	0.01867	2.89E-04	1.17E-06	4.86E-04	0.000776	2.95E-04	1.15E-06	5.40E-04	0.000837	2.80E-04	1.47E-06	1.04E-03	1.32E-03
5081	491863.09	3863877.25	0.01982	0.01698	0.01919	2.95E-04	1.20E-06	4.99E-04	0.000795	3.01E-04	1.18E-06	5.55E-04	0.000858	2.86E-04	1.50E-06	1.07E-03	1.35E-03
5082	492363.09	3863877.25	0.02004	0.01742	0.01967	2.98E-04	1.23E-06	5.12E-04	0.000811	3.05E-04	1.21E-06	5.69E-04	0.000875	2.90E-04	1.54E-06	1.09E-03	1.38E-03
5083	492863.09	3863877.25	0.02012	0.01759	0.01985	2.99E-04	1.24E-06	5.16E-04	0.000817	3.06E-04	1.22E-06	5.74E-04	0.000882	2.91E-04	1.55E-06	1.10E-03	1.40E-03
5084	493363.09	3863877.25	0.02072	0.01836	0.02069	3.08E-04	1.30E-06	5.38E-04	0.000848	3.15E-04	1.28E-06	5.99E-04	0.000915	2.99E-04	1.62E-06	1.15E-03	1.45E-03
5085	493863.09	3863877.25	0.02054	0.01833	0.02051	3.06E-04	1.29E-06	5.34E-04	0.000841	3.12E-04	1.27E-06	5.94E-04	0.000907	2.97E-04	1.62E-06	1.14E-03	1.44E-03
5086	494363.09	3863877.25	0.01961	0.01766	0.01975	2.92E-04	1.25E-06	5.14E-04	0.000807	2.98E-04	1.23E-06	5.72E-04	0.000871	2.83E-04	1.56E-06	1.10E-03	1.38E-03
5087	494863.09	3863877.25	0.01872	0.01684	0.01885	2.79E-04	1.19E-06	4.90E-04	0.00077	2.85E-04	1.17E-06	5.45E-04	0.000831	2.71E-04	1.49E-06	1.05E-03	1.32E-03
5088	495363.09	3863877.25	0.0182	0.01628	0.01832	2.71E-04	1.15E-06	4.77E-04	0.000749	2.77E-04	1.13E-06	5.30E-04	0.000808	2.63E-04	1.44E-06	1.02E-03	1.28E-03
5089	495863.09	3863877.25	0.01798	0.01608	0.01816	2.68E-04	1.14E-06	4.72E-04	0.000741	2.73E-04	1.12E-06	5.26E-04	0.0008	2.60E-04	1.42E-06	1.01E-03	1.27E-03
5090	496363.09	3863877.25	0.01774	0.01595	0.01804	2.64E-04	1.13E-06	4.69E-04	0.000735	2.70E-04	1.11E-06	5.22E-04	0.000793	2.56E-04	1.41E-06	1.00E-03	1.26E-03
5091	496863.09	3863877.25	0.01764	0.01586	0.01801	2.63E-04	1.12E-06	4.69E-04	0.000732	2.68E-04	1.10E-06	5.21E-04	0.000791	2.55E-04	1.40E-06	1.00E-03	1.26E-03
5092	497363.09	3863877.25	0.01772	0.0159	0.01817	2.64E-04	1.12E-06	4.73E-04	0.000738	2.69E-04	1.11E-06	5.26E-04	0.000796	2.56E-04	1.40E-06	1.01E-03	1.27E-03
5093	497863.09	3863877.25	0.01798	0.01615	0.01856	2.68E-04	1.14E-06	4.83E-04	0.000752	2.73E-04	1.12E-06	5.37E-04	0.000812	2.60E-04	1.42E-06	1.03E-03	1.29E-03
5094	498363.09	3863877.25	0.01817	0.01644	0.0189	2.70E-04	1.16E-06	4.92E-04	0.000763	2.76E-04	1.14E-06	5.47E-04	0.000824	2.63E-04	1.45E-06	1.05E-03	1.31E-03
5095	471363.09	3864377.25	0.00855	0.00802	0.00835	1.27E-04	5.66E-07	2.17E-04	0.000345	1.30E-04	5.57E-07	2.42E-04	0.000372	1.24E-04	7.08E-07	4.64E-04	5.88E-04
5096	471863.09	3864377.25	0.00879	0.00843	0.00858	1.31E-04	5.95E-07	2.23E-04	0.000355	1.34E-04	5.86E-07	2.48E-04	0.000383	1.27E-04	7.44E-07	4.77E-04	6.05E-04
5097	472363.09	3864377.25	0.00905	0.00881	0.0088	1.35E-04	6.22E-07	2.29E-04	0.000364	1.38E-04	6.12E-07	2.55E-04	0.000393	1.31E-04	7.77E-07	4.89E-04	6.21E-04
5098	472863.09	3864377.25	0.00931	0.0091	0.00903	1.39E-04	6.43E-07	2.35E-04	0.000374	1.42E-04	6.32E-07	2.61E-04	0.000404	1.35E-04	8.03E-07	5.02E-04	6.37E-04
5099	473363.09	3864377.25	0.00959	0.00922	0.00924	1.43E-04	6.51E-07	2.40E-04	0.000384	1.46E-04	6.41E-07	2.67E-04	0.000414	1.39E-04	8.14E-07	5.13E-04	6.53E-04
5100	473863.09	3864377.25	0.00988	0.00927	0.00949	1.47E-04	6.55E-07	2.47E-04	0.000395	1.50E-04	6.44E-07	2.75E-04	0.000426	1.43E-04	8.18E-07	5.27E-04	6.71E-04
5101	474363.09	3864377.25	0.01019	0.00937	0.00978	1.52E-04	6.62E-07	2.54E-04	0.000407	1.55E-04	6.51E-07	2.83E-04	0.000439	1.47E-04	8.27E-07	5.43E-04	6.92E-04
5102	474863.09	3864377.25	0.01051	0.0096	0.01005	1.56E-04	6.78E-07	2.61E-04	0.000419	1.60E-04	6.67E-07	2.91E-04	0.000451	1.52E-04	8.47E-07	5.58E-04	7.11E-04
5103	475363.09	3864377.25	0.01088	0.01003	0.01036	1.62E-04	7.08E-07	2.70E-04	0.000432	1.65E-04	6.97E-07	3.00E-04	0.000466	1.57E-04	8.85E-07	5.76E-04	7.34E-04
5104	475863.09	3864377.25	0.01126	0.01049	0.01065	1.68E-04	7.41E-07	2.77E-04	0.000445	1.71E-04	7.29E-07	3.08E-04	0.00048	1.63E-04	9.26E-07	5.92E-04	7.55E-04
5105	476363.09	3864377.25	0.01168	0.01084	0.011	1.74E-04	7.65E-07	2.86E-04	0.000461	1.78E-04	7.53E-07	3.18E-04	0.000497	1.69E-04	9.56E-07	6.11E-04	7.81E-04
5106	476863.09	3864377.25	0.01213	0.01115	0.01141	1.81E-04	7.87E-07	2.97E-04	0.000478	1.84E-04	7.75E-07	3.30E-04	0.000515	1.75E-04	9.84E-07	6.34E-04	8.10E-04
5107	477363.09	3864377.25	0.01261	0.01165	0.01185	1.88E-04	8.23E-07	3.08E-04	0.000497	1.92E-04	8.10E-07	3.43E-04	0.000535	1.82E-04	1.03E-06	6.58E-04	8.42E-04
5108	477863.09	3864377.25	0.01315	0.01238	0.01235	1.96E-04	8.74E-07	3.21E-04	0.000518	2.00E-04	8.60E-07	3.57E-04	0.000558	1.90E-04	1.09E-06	6.86E-04	8.77E-04
5109	478363.09	3864377.25	0.0137	0.01303	0.01287	2.04E-04	9.20E-07	3.35E-04	0.00054	2.08E-04	9.06E-07	3.72E-04	0.000582	1.98E-04	1.15E-06	7.15E-04	9.14E-04
5110	478863.09	3864377.25	0.01424	0.01334	0.01336	2.12E-04	9.42E-07	3.48E-04	0.00056	2.17E-04	9.27E-07	3.87E-04	0.000604	2.06E-04	1.18E-06	7.42E-04	9.49E-04
5111	479363.09	3864377.25	0.01472	0.01316	0.01376	2.19E-04	9.29E-07	3.58E-04	0.000578	2.24E-04	9.15E-07	3.98E-04	0.000623	2.13E-04	1.16E-06	7.65E-04	9.78E-04
5112	479863.09	3864377.25	0.01523	0.01277	0.01423	2.27E-04	9.02E-07	3.70E-04	0.000598	2.32E-04	8.88E-07	4.12E-04	0.000644	2.20E-04	1.13E-06	7.91E-04	1.01E-03
5113	480363.09	3864377.25	0.01579	0.01295	0.01477	2.35E-04	9.14E-07	3.84E-04	0.00062	2.40E-04	9.00E-07	4.27E-04	0.000668	2.28E-04	1.14E-06	8.21E-04	1.05E-03
5114	480863.09	3864377.25	0.01627	0.01399	0.0152	2.42E-04	9.88E-07	3.95E-04	0.000639	2.47E-04	9.72E-07	4.40E-04	0.000688	2.35E-04	1.23E-06	8.45E-04	1.08E-03
5115	481363.09	3864377.25	0.01678	0.01487	0.01562	2.50E-04	1.05E-06	4.06E-04	0.000657	2.55E-04	1.03E-06	4.52E-04	0.000708	2.42E-04	1.31E-06	8.68E-04	1.11E-03
5116	481863.09	3864377.25	0.01727	0.01479	0.01604	2.57E-04	1.04E-06	4.17E-04	0.000675	2.63E-04	1.03E-06	4.64E-04	0.000728	2.50E-04	1.30E-06	8.91E-04	1.14E-03
5117	482363.09	3864377.25	0.01769	0.01482	0.01641	2.63E-04	1.05E-06	4.27E-04	0.000691	2.69E-04	1.03E-06	4.75E-04	0.000745	2.56E-04	1.31E-06	9.12E-04	1.17E-03
5118	482863.09	3864377.25	0.01801	0.01529	0.01664	2.68E-04	1.08E-06	4.33E-04	0.000702	2.74E-04	1.06E-06	4.82E-04	0.000756	2.60E-04	1.35E-06	9.25E-04	1.19E-03
5119	483363.09	3864377.25	0.01819	0.01531	0.01666	2.71E-04	1.08E-06	4.33E-04	0.000705	2.77E-04	1.06E-06	4.82E-04	0.00076	2.63E-04	1.35E-06	9.26E-04	1.19E-03

5120	483863.09	3864377.25	0.01825	0.01436	0.01655	2.72E-04	1.01E-06	4.31E-04	0.000703	2.78E-04	9.98E-07	4.79E-04	0.000757	2.64E-04	1.27E-06	9.20E-04	1.18E-03
5121	484363.09	3864377.25	0.01822	0.01342	0.01639	2.71E-04	9.48E-07	4.26E-04	0.000699	2.77E-04	9.33E-07	4.74E-04	0.000752	2.63E-04	1.18E-06	9.11E-04	1.18E-03
5122	484863.09	3864377.25	0.0181	0.01391	0.01615	2.69E-04	9.82E-07	4.20E-04	0.000691	2.75E-04	9.67E-07	4.67E-04	0.000744	2.62E-04	1.23E-06	8.97E-04	1.16E-03
5123	485363.09	3864377.25	0.01802	0.01434	0.01599	2.68E-04	1.01E-06	4.16E-04	0.000685	2.74E-04	9.97E-07	4.63E-04	0.000738	2.60E-04	1.27E-06	8.89E-04	1.15E-03
5124	485863.09	3864377.25	0.01798	0.01452	0.01595	2.68E-04	1.03E-06	4.15E-04	0.000684	2.73E-04	1.01E-06	4.62E-04	0.000736	2.60E-04	1.28E-06	8.86E-04	1.15E-03
5125	486363.09	3864377.25	0.01788	0.01494	0.01589	2.66E-04	1.05E-06	4.13E-04	0.000681	2.72E-04	1.04E-06	4.60E-04	0.000733	2.58E-04	1.32E-06	8.83E-04	1.14E-03
5126	486863.09	3864377.25	0.01774	0.01448	0.0157	2.64E-04	1.02E-06	4.08E-04	0.000674	2.70E-04	1.01E-06	4.54E-04	0.000725	2.56E-04	1.28E-06	8.72E-04	1.13E-03
5127	487363.09	3864377.25	0.0176	0.01353	0.01559	2.62E-04	9.55E-07	4.06E-04	0.000669	2.68E-04	9.40E-07	4.51E-04	0.00072	2.54E-04	1.19E-06	8.66E-04	1.12E-03
5128	487863.09	3864377.25	0.01744	0.01333	0.01553	2.60E-04	9.41E-07	4.04E-04	0.000665	2.65E-04	9.26E-07	4.49E-04	0.000716	2.52E-04	1.18E-06	8.63E-04	1.12E-03
5129	488363.09	3864377.25	0.01729	0.01376	0.01556	2.57E-04	9.72E-07	4.05E-04	0.000663	2.63E-04	9.56E-07	4.50E-04	0.000714	2.50E-04	1.21E-06	8.65E-04	1.12E-03
5130	488863.09	3864377.25	0.01723	0.0145	0.01579	2.56E-04	1.02E-06	4.11E-04	0.000668	2.62E-04	1.01E-06	4.57E-04	0.00072	2.49E-04	1.28E-06	8.77E-04	1.13E-03
5131	489363.09	3864377.25	0.01714	0.01469	0.01594	2.55E-04	1.04E-06	4.15E-04	0.000671	2.61E-04	1.02E-06	4.61E-04	0.000723	2.48E-04	1.30E-06	8.86E-04	1.13E-03
5132	489863.09	3864377.25	0.01711	0.01441	0.016	2.55E-04	1.02E-06	4.16E-04	0.000672	2.60E-04	1.00E-06	4.63E-04	0.000724	2.47E-04	1.27E-06	8.89E-04	1.14E-03
5133	490363.09	3864377.25	0.01715	0.0143	0.01615	2.55E-04	1.01E-06	4.20E-04	0.000676	2.61E-04	9.94E-07	4.67E-04	0.000729	2.48E-04	1.26E-06	8.97E-04	1.15E-03
5134	490863.09	3864377.25	0.01733	0.01484	0.01649	2.58E-04	1.05E-06	4.29E-04	0.000688	2.64E-04	1.03E-06	4.77E-04	0.000742	2.50E-04	1.31E-06	9.16E-04	1.17E-03
5135	491363.09	3864377.25	0.01792	0.01553	0.01726	2.67E-04	1.10E-06	4.49E-04	0.000717	2.73E-04	1.08E-06	4.99E-04	0.000773	2.59E-04	1.37E-06	9.59E-04	1.22E-03
5136	491863.09	3864377.25	0.0108	0.00976	0.0107	1.61E-04	6.89E-07	2.78E-04	0.00044	1.64E-04	6.78E-07	3.10E-04	0.000475	1.56E-04	8.61E-07	5.95E-04	7.51E-04
5137	492363.09	3864377.25	0.01647	0.01441	0.01633	2.45E-04	1.02E-06	4.25E-04	0.000671	2.50E-04	1.00E-06	4.73E-04	0.000724	2.38E-04	1.27E-06	9.07E-04	1.15E-03
5138	492863.09	3864377.25	0.01236	0.01138	0.01246	1.84E-04	8.04E-07	3.24E-04	0.000509	1.88E-04	7.91E-07	3.61E-04	0.000549	1.79E-04	1.00E-06	6.92E-04	8.72E-04
5139	493363.09	3864377.25	0.01631	0.01462	0.01633	2.43E-04	1.03E-06	4.25E-04	0.000669	2.48E-04	1.02E-06	4.73E-04	0.000722	2.36E-04	1.29E-06	9.07E-04	1.14E-03
5140	493863.09	3864377.25	0.01834	0.01641	0.01837	2.73E-04	1.16E-06	4.78E-04	0.000752	2.79E-04	1.14E-06	5.32E-04	0.000812	2.65E-04	1.45E-06	1.02E-03	1.29E-03
5141	494363.09	3864377.25	0.01852	0.0167	0.0186	2.76E-04	1.18E-06	4.84E-04	0.000761	2.82E-04	1.16E-06	5.38E-04	0.000821	2.68E-04	1.47E-06	1.03E-03	1.30E-03
5142	494863.09	3864377.25	0.0177	0.01603	0.01782	2.63E-04	1.13E-06	4.64E-04	0.000728	2.69E-04	1.11E-06	5.16E-04	0.000786	2.56E-04	1.41E-06	9.90E-04	1.25E-03
5143	495363.09	3864377.25	0.01688	0.01532	0.01702	2.51E-04	1.08E-06	4.43E-04	0.000695	2.57E-04	1.06E-06	4.93E-04	0.00075	2.44E-04	1.35E-06	9.46E-04	1.19E-03
5144	495863.09	3864377.25	0.01635	0.01477	0.01647	2.43E-04	1.04E-06	4.28E-04	0.000673	2.49E-04	1.03E-06	4.77E-04	0.000726	2.36E-04	1.30E-06	9.15E-04	1.15E-03
5145	496363.09	3864377.25	0.01607	0.01449	0.01623	2.39E-04	1.02E-06	4.22E-04	0.000662	2.44E-04	1.01E-06	4.70E-04	0.000715	2.32E-04	1.28E-06	9.02E-04	1.14E-03
5146	496863.09	3864377.25	0.01591	0.01441	0.01617	2.37E-04	1.02E-06	4.21E-04	0.000659	2.42E-04	1.00E-06	4.68E-04	0.000711	2.30E-04	1.27E-06	8.99E-04	1.13E-03
5147	497363.09	3864377.25	0.01579	0.01435	0.01613	2.35E-04	1.01E-06	4.20E-04	0.000656	2.40E-04	9.97E-07	4.67E-04	0.000708	2.28E-04	1.27E-06	8.96E-04	1.13E-03
5148	497863.09	3864377.25	0.01596	0.01449	0.01639	2.38E-04	1.02E-06	4.26E-04	0.000665	2.43E-04	1.01E-06	4.74E-04	0.000718	2.31E-04	1.28E-06	9.11E-04	1.14E-03
5149	498363.09	3864377.25	0.01599	0.0145	0.01649	2.38E-04	1.02E-06	4.29E-04	0.000668	2.43E-04	1.01E-06	4.77E-04	0.000721	2.31E-04	1.28E-06	9.16E-04	1.15E-03
5150	471363.09	3864877.25	0.00816	0.00797	0.00794	1.21E-04	5.63E-07	2.07E-04	0.000329	1.24E-04	5.54E-07	2.30E-04	0.000354	1.18E-04	7.03E-07	4.41E-04	5.60E-04
5151	471863.09	3864877.25	0.00838	0.00826	0.00813	1.25E-04	5.83E-07	2.12E-04	0.000337	1.27E-04	5.74E-07	2.35E-04	0.000363	1.21E-04	7.29E-07	4.52E-04	5.74E-04
5152	472363.09	3864877.25	0.0086	0.0084	0.00831	1.28E-04	5.93E-07	2.16E-04	0.000345	1.31E-04	5.84E-07	2.40E-04	0.000372	1.24E-04	7.41E-07	4.62E-04	5.87E-04
5153	472863.09	3864877.25	0.00884	0.0084	0.00849	1.32E-04	5.93E-07	2.21E-04	0.000353	1.34E-04	5.84E-07	2.46E-04	0.000381	1.28E-04	7.41E-07	4.72E-04	6.00E-04
5154	473363.09	3864877.25	0.00907	0.00833	0.00868	1.35E-04	5.88E-07	2.26E-04	0.000361	1.38E-04	5.79E-07	2.51E-04	0.00039	1.31E-04	7.35E-07	4.82E-04	6.14E-04
5155	473863.09	3864877.25	0.00931	0.00836	0.00889	1.39E-04	5.90E-07	2.31E-04	0.00037	1.42E-04	5.81E-07	2.57E-04	0.000399	1.35E-04	7.38E-07	4.94E-04	6.29E-04
5156	474363.09	3864877.25	0.00959	0.0086	0.00913	1.43E-04	6.07E-07	2.38E-04	0.000381	1.46E-04	5.98E-07	2.64E-04	0.000411	1.39E-04	7.59E-07	5.07E-04	6.47E-04
5157	474863.09	3864877.25	0.00989	0.00904	0.00937	1.47E-04	6.38E-07	2.44E-04	0.000392	1.50E-04	6.28E-07	2.71E-04	0.000422	1.43E-04	7.98E-07	5.21E-04	6.64E-04
5158	475363.09	3864877.25	0.01022	0.00955	0.00963	1.52E-04	6.74E-07	2.51E-04	0.000403	1.55E-04	6.64E-07	2.79E-04	0.000435	1.48E-04	8.43E-07	5.35E-04	6.84E-04
5159	475863.09	3864877.25	0.01058	0.00993	0.00991	1.57E-04	7.01E-07	2.58E-04	0.000416	1.61E-04	6.90E-07	2.87E-04	0.000448	1.53E-04	8.76E-07	5.51E-04	7.04E-04
5160	476363.09	3864877.25	0.01098	0.01017	0.01026	1.63E-04	7.18E-07	2.67E-04	0.000431	1.67E-04	7.07E-07	2.97E-04	0.000465	1.59E-04	8.97E-07	5.70E-04	7.30E-04
5161	476863.09	3864877.25	0.01143	0.01054	0.01069	1.70E-04	7.44E-07	2.78E-04	0.000449	1.74E-04	7.33E-07	3.09E-04	0.000484	1.65E-04	9.30E-07	5.94E-04	7.60E-04
5162	477363.09	3864877.25	0.01188	0.0111	0.01113	1.77E-04	7.84E-07	2.90E-04	0.000467	1.81E-04	7.71E-07	3.22E-04	0.000504	1.72E-04	9.79E-07	6.18E-04	7.91E-04
5163	477863.09	3864877.25	0.01235	0.01169	0.01159	1.84E-04	8.25E-07	3.02E-04	0.000486	1.88E-04	8.12E-07	3.35E-04	0.000524	1.78E-04	1.03E-06	6.44E-04	8.24E-04
5164	478363.09	3864877.25	0.0128	0.01204	0.01202	1.91E-04	8.50E-07	3.13E-04	0.000504	1.95E-04	8.37E-07	3.48E-04	0.000543	1.85E-04	1.06E-06	6.68E-04	8.54E-04
5165	478863.09	3864877.25	0.01324	0.0121	0.0124	1.97E-04	8.54E-07	3.23E-04	0.000521	2.01E-04	8.41E-07	3.59E-04	0.000561	1.91E-04	1.07E-06	6.89E-04	8.81E-04
5166	479363.09	3864877.25	0.01367	0.01187	0.01275	2.03E-04	8.38E-07	3.32E-04	0.000536	2.08E-04	8.25E-07	3.69E-04	0.000578	1.98E-04	1.05E-06	7.08E-04	9.07E-04

5167	479863.09	3864877.25	0.0141	0.0117	0.01314	2.10E-04	8.26E-07	3.42E-04	0.000553	2.14E-04	8.13E-07	3.80E-04	0.000595	2.04E-04	1.03E-06	7.30E-04	9.35E-04
5168	480363.09	3864877.25	0.01459	0.0122	0.01361	2.17E-04	8.61E-07	3.54E-04	0.000572	2.22E-04	8.48E-07	3.94E-04	0.000617	2.11E-04	1.08E-06	7.56E-04	9.68E-04
5169	480863.09	3864877.25	0.015	0.01309	0.01398	2.23E-04	9.24E-07	3.64E-04	0.000588	2.28E-04	9.10E-07	4.05E-04	0.000634	2.17E-04	1.15E-06	7.77E-04	9.95E-04
5170	481363.09	3864877.25	0.01541	0.01355	0.01432	2.29E-04	9.57E-07	3.73E-04	0.000603	2.34E-04	9.42E-07	4.14E-04	0.00065	2.23E-04	1.20E-06	7.96E-04	1.02E-03
5171	481863.09	3864877.25	0.01576	0.01347	0.01462	2.35E-04	9.51E-07	3.80E-04	0.000616	2.40E-04	9.36E-07	4.23E-04	0.000664	2.28E-04	1.19E-06	8.12E-04	1.04E-03
5172	482363.09	3864877.25	0.01608	0.01362	0.01488	2.39E-04	9.62E-07	3.87E-04	0.000627	2.45E-04	9.47E-07	4.31E-04	0.000676	2.32E-04	1.20E-06	8.27E-04	1.06E-03
5173	482863.09	3864877.25	0.01634	0.01394	0.01503	2.43E-04	9.84E-07	3.91E-04	0.000635	2.49E-04	9.69E-07	4.35E-04	0.000684	2.36E-04	1.23E-06	8.35E-04	1.07E-03
5174	483363.09	3864877.25	0.01648	0.01372	0.01503	2.45E-04	9.69E-07	3.91E-04	0.000637	2.51E-04	9.54E-07	4.35E-04	0.000687	2.38E-04	1.21E-06	8.35E-04	1.07E-03
5175	483863.09	3864877.25	0.01646	0.01276	0.01487	2.45E-04	9.01E-07	3.87E-04	0.000633	2.50E-04	8.87E-07	4.30E-04	0.000682	2.38E-04	1.13E-06	8.26E-04	1.07E-03
5176	484363.09	3864877.25	0.01642	0.01224	0.0147	2.44E-04	8.64E-07	3.82E-04	0.000628	2.50E-04	8.51E-07	4.25E-04	0.000676	2.37E-04	1.08E-06	8.17E-04	1.06E-03
5177	484863.09	3864877.25	0.01633	0.01268	0.0145	2.43E-04	8.95E-07	3.77E-04	0.000621	2.48E-04	8.81E-07	4.20E-04	0.000669	2.36E-04	1.12E-06	8.06E-04	1.04E-03
5178	485363.09	3864877.25	0.01629	0.01284	0.01439	2.42E-04	9.07E-07	3.74E-04	0.000618	2.48E-04	8.92E-07	4.16E-04	0.000665	2.35E-04	1.13E-06	8.00E-04	1.04E-03
5179	485863.09	3864877.25	0.01619	0.01302	0.01433	2.41E-04	9.19E-07	3.73E-04	0.000615	2.46E-04	9.05E-07	4.15E-04	0.000662	2.34E-04	1.15E-06	7.96E-04	1.03E-03
5180	486363.09	3864877.25	0.0161	0.01349	0.01425	2.40E-04	9.53E-07	3.71E-04	0.000611	2.45E-04	9.38E-07	4.12E-04	0.000658	2.33E-04	1.19E-06	7.92E-04	1.03E-03
5181	486863.09	3864877.25	0.016	0.01323	0.01411	2.38E-04	9.34E-07	3.67E-04	0.000606	2.43E-04	9.20E-07	4.08E-04	0.000653	2.31E-04	1.17E-06	7.84E-04	1.02E-03
5182	487363.09	3864877.25	0.01587	0.01238	0.01402	2.36E-04	8.74E-07	3.65E-04	0.000602	2.41E-04	8.60E-07	4.06E-04	0.000648	2.29E-04	1.09E-06	7.79E-04	1.01E-03
5183	487863.09	3864877.25	0.01576	0.01212	0.01398	2.35E-04	8.56E-07	3.64E-04	0.000599	2.40E-04	8.42E-07	4.05E-04	0.000645	2.28E-04	1.07E-06	7.77E-04	1.01E-03
5184	488363.09	3864877.25	0.01567	0.01236	0.01403	2.33E-04	8.73E-07	3.65E-04	0.000599	2.38E-04	8.59E-07	4.06E-04	0.000645	2.26E-04	1.09E-06	7.80E-04	1.01E-03
5185	488863.09	3864877.25	0.01559	0.01291	0.01418	2.32E-04	9.12E-07	3.69E-04	0.000602	2.37E-04	8.97E-07	4.10E-04	0.000648	2.25E-04	1.14E-06	7.88E-04	1.01E-03
5186	489363.09	3864877.25	0.01551	0.01327	0.01433	2.31E-04	9.37E-07	3.73E-04	0.000605	2.36E-04	9.22E-07	4.15E-04	0.000651	2.24E-04	1.17E-06	7.96E-04	1.02E-03
5187	489863.09	3864877.25	0.01545	0.01324	0.0144	2.30E-04	9.35E-07	3.75E-04	0.000606	2.35E-04	9.20E-07	4.17E-04	0.000653	2.23E-04	1.17E-06	8.00E-04	1.02E-03
5188	490363.09	3864877.25	0.01548	0.01302	0.01451	2.30E-04	9.19E-07	3.77E-04	0.000609	2.35E-04	9.05E-07	4.20E-04	0.000656	2.24E-04	1.15E-06	8.06E-04	1.03E-03
5189	490863.09	3864877.25	0.01579	0.01324	0.01506	2.35E-04	9.35E-07	3.92E-04	0.000628	2.40E-04	9.20E-07	4.36E-04	0.000677	2.28E-04	1.17E-06	8.37E-04	1.07E-03
5190	491363.09	3864877.25	0.01609	0.01399	0.01543	2.39E-04	9.88E-07	4.01E-04	0.000642	2.45E-04	9.72E-07	4.47E-04	0.000692	2.33E-04	1.23E-06	8.57E-04	1.09E-03
5191	491863.09	3864877.25	0.0159	0.01401	0.01543	2.37E-04	9.89E-07	4.01E-04	0.000639	2.42E-04	9.74E-07	4.47E-04	0.000689	2.30E-04	1.24E-06	8.57E-04	1.09E-03
5192	492363.09	3864877.25	0.00659	0.00584	0.00627	9.81E-05	4.12E-07	1.63E-04	0.000262	1.00E-04	4.06E-07	1.81E-04	0.000282	9.52E-05	5.15E-07	3.48E-04	4.44E-04
5193	492863.09	3864877.25	0.00867	0.00775	0.00852	1.29E-04	5.47E-07	2.22E-04	0.000351	1.32E-04	5.39E-07	2.47E-04	0.000379	1.25E-04	6.84E-07	4.73E-04	5.99E-04
5194	493363.09	3864877.25	0.00829	0.00758	0.00815	1.23E-04	5.35E-07	2.12E-04	0.000336	1.26E-04	5.27E-07	2.36E-04	0.000362	1.20E-04	6.69E-07	4.53E-04	5.73E-04
5195	493863.09	3864877.25	0.01508	0.01352	0.01502	2.24E-04	9.55E-07	3.91E-04	0.000616	2.29E-04	9.40E-07	4.35E-04	0.000665	2.18E-04	1.19E-06	8.35E-04	1.05E-03
5196	494363.09	3864877.25	0.01667	0.01497	0.01666	2.48E-04	1.06E-06	4.33E-04	0.000683	2.54E-04	1.04E-06	4.82E-04	0.000737	2.41E-04	1.32E-06	9.26E-04	1.17E-03
5197	494863.09	3864877.25	0.01676	0.01519	0.01683	2.49E-04	1.07E-06	4.38E-04	0.000688	2.55E-04	1.06E-06	4.87E-04	0.000743	2.42E-04	1.34E-06	9.35E-04	1.18E-03
5198	495363.09	3864877.25	0.01609	0.01464	0.01617	2.39E-04	1.03E-06	4.21E-04	0.000661	2.45E-04	1.02E-06	4.68E-04	0.000714	2.33E-04	1.29E-06	8.99E-04	1.13E-03
5199	495863.09	3864877.25	0.01532	0.014	0.01544	2.28E-04	9.89E-07	4.02E-04	0.000631	2.33E-04	9.73E-07	4.47E-04	0.000681	2.21E-04	1.24E-06	8.58E-04	1.08E-03
5200	496363.09	3864877.25	0.01481	0.01349	0.01493	2.20E-04	9.53E-07	3.88E-04	0.00061	2.25E-04	9.38E-07	4.32E-04	0.000658	2.14E-04	1.19E-06	8.30E-04	1.04E-03
5201	496863.09	3864877.25	0.01455	0.0132	0.01467	2.17E-04	9.32E-07	3.82E-04	0.000599	2.21E-04	9.17E-07	4.25E-04	0.000647	2.10E-04	1.16E-06	8.15E-04	1.03E-03
5202	497363.09	3864877.25	0.01437	0.01308	0.01457	2.14E-04	9.24E-07	3.79E-04	0.000594	2.19E-04	9.09E-07	4.22E-04	0.000641	2.08E-04	1.15E-06	8.10E-04	1.02E-03
5203	497863.09	3864877.25	0.01429	0.01308	0.01459	2.13E-04	9.24E-07	3.80E-04	0.000593	2.17E-04	9.09E-07	4.22E-04	0.00064	2.06E-04	1.15E-06	8.11E-04	1.02E-03
5204	498363.09	3864877.25	0.01424	0.01306	0.01461	2.12E-04	9.22E-07	3.80E-04	0.000593	2.17E-04	9.08E-07	4.23E-04	0.00064	2.06E-04	1.15E-06	8.12E-04	1.02E-03
5205	471363.09	3865377.25	0.00778	0.00767	0.00751	1.16E-04	5.42E-07	1.95E-04	0.000312	1.18E-04	5.33E-07	2.17E-04	0.000336	1.12E-04	6.77E-07	4.17E-04	5.30E-04
5206	471863.09	3865377.25	0.00797	0.00769	0.00766	1.19E-04	5.43E-07	1.99E-04	0.000318	1.21E-04	5.34E-07	2.22E-04	0.000343	1.15E-04	6.79E-07	4.26E-04	5.41E-04
5207	472363.09	3865377.25	0.00816	0.0076	0.0078	1.21E-04	5.37E-07	2.03E-04	0.000325	1.24E-04	5.28E-07	2.26E-04	0.00035	1.18E-04	6.71E-07	4.33E-04	5.52E-04
5208	472863.09	3865377.25	0.00837	0.00752	0.00797	1.25E-04	5.31E-07	2.07E-04	0.000332	1.27E-04	5.23E-07	2.31E-04	0.000358	1.21E-04	6.64E-07	4.43E-04	5.64E-04
5209	473363.09	3865377.25	0.00855	0.00753	0.00813	1.27E-04	5.32E-07	2.12E-04	0.000339	1.30E-04	5.23E-07	2.35E-04	0.000366	1.24E-04	6.64E-07	4.52E-04	5.76E-04
5210	473863.09	3865377.25	0.00878	0.00778	0.00831	1.31E-04	5.49E-07	2.16E-04	0.000347	1.34E-04	5.41E-07	2.40E-04	0.000375	1.27E-04	6.86E-07	4.62E-04	5.89E-04
5211	474363.09	3865377.25	0.00904	0.00823	0.00852	1.35E-04	5.81E-07	2.22E-04	0.000357	1.37E-04	5.72E-07	2.47E-04	0.000385	1.31E-04	7.26E-07	4.73E-04	6.05E-04
5212	474863.09	3865377.25	0.00934	0.00876	0.00875	1.39E-04	6.19E-07	2.28E-04	0.000367	1.42E-04	6.09E-07	2.53E-04	0.000396	1.35E-04	7.73E-07	4.86E-04	6.22E-04
5213	475363.09	3865377.25	0.00964	0.00914	0.00899	1.43E-04	6.45E-07	2.34E-04	0.000378	1.47E-04	6.35E-07	2.60E-04	0.000407	1.39E-04	8.06E-07	5.00E-04	6.40E-04

5214	475863.09	3865377.25	0.00999	0.00935	0.00931	1.49E-04	6.60E-07	2.42E-04	0.000392	1.52E-04	6.50E-07	2.69E-04	0.000422	1.44E-04	8.25E-07	5.17E-04	6.63E-04
5215	476363.09	3865377.25	0.01042	0.00964	0.00976	1.55E-04	6.81E-07	2.54E-04	0.00041	1.58E-04	6.70E-07	2.82E-04	0.000442	1.51E-04	8.51E-07	5.42E-04	6.94E-04
5216	476863.09	3865377.25	0.0105	0.00974	0.00997	1.56E-04	6.88E-07	2.59E-04	0.000416	1.60E-04	6.77E-07	2.89E-04	0.000449	1.52E-04	8.59E-07	5.54E-04	7.07E-04
5217	477363.09	3865377.25	0.01127	0.01062	0.01059	1.68E-04	7.50E-07	2.76E-04	0.000444	1.71E-04	7.38E-07	3.06E-04	0.000479	1.63E-04	9.37E-07	5.88E-04	7.52E-04
5218	477863.09	3865377.25	0.01162	0.01091	0.01091	1.73E-04	7.70E-07	2.84E-04	0.000458	1.77E-04	7.58E-07	3.16E-04	0.000493	1.68E-04	9.63E-07	6.06E-04	7.75E-04
5219	478363.09	3865377.25	0.01203	0.01111	0.01127	1.79E-04	7.84E-07	2.93E-04	0.000473	1.83E-04	7.72E-07	3.26E-04	0.00051	1.74E-04	9.80E-07	6.26E-04	8.01E-04
5220	478863.09	3865377.25	0.01238	0.01107	0.01154	1.84E-04	7.82E-07	3.00E-04	0.000485	1.88E-04	7.69E-07	3.34E-04	0.000523	1.79E-04	9.77E-07	6.41E-04	8.21E-04
5221	479363.09	3865377.25	0.01273	0.01088	0.01184	1.89E-04	7.68E-07	3.08E-04	0.000498	1.94E-04	7.56E-07	3.43E-04	0.000537	1.84E-04	9.60E-07	6.58E-04	8.43E-04
5222	479863.09	3865377.25	0.01313	0.01093	0.01222	1.95E-04	7.72E-07	3.18E-04	0.000514	2.00E-04	7.60E-07	3.54E-04	0.000554	1.90E-04	9.64E-07	6.79E-04	8.70E-04
5223	480363.09	3865377.25	0.01348	0.01143	0.01256	2.01E-04	8.07E-07	3.27E-04	0.000528	2.05E-04	7.94E-07	3.63E-04	0.000569	1.95E-04	1.01E-06	6.98E-04	8.94E-04
5224	480863.09	3865377.25	0.01383	0.0121	0.01287	2.06E-04	8.54E-07	3.35E-04	0.000542	2.10E-04	8.41E-07	3.72E-04	0.000584	2.00E-04	1.07E-06	7.15E-04	9.16E-04
5225	481363.09	3865377.25	0.01418	0.01243	0.01315	2.11E-04	8.78E-07	3.42E-04	0.000554	2.16E-04	8.64E-07	3.81E-04	0.000597	2.05E-04	1.10E-06	7.31E-04	9.37E-04
5226	481863.09	3865377.25	0.01445	0.01242	0.01338	2.15E-04	8.77E-07	3.48E-04	0.000564	2.20E-04	8.63E-07	3.87E-04	0.000608	2.09E-04	1.10E-06	7.43E-04	9.53E-04
5227	482363.09	3865377.25	0.01469	0.01253	0.01355	2.19E-04	8.85E-07	3.53E-04	0.000572	2.23E-04	8.71E-07	3.92E-04	0.000616	2.12E-04	1.11E-06	7.53E-04	9.66E-04
5228	482863.09	3865377.25	0.01488	0.01267	0.01363	2.21E-04	8.95E-07	3.55E-04	0.000577	2.26E-04	8.81E-07	3.94E-04	0.000622	2.15E-04	1.12E-06	7.57E-04	9.74E-04
5229	483363.09	3865377.25	0.01497	0.01228	0.01361	2.23E-04	8.67E-07	3.54E-04	0.000578	2.28E-04	8.53E-07	3.94E-04	0.000622	2.16E-04	1.08E-06	7.56E-04	9.74E-04
5230	483863.09	3865377.25	0.01496	0.01153	0.01346	2.23E-04	8.14E-07	3.50E-04	0.000574	2.28E-04	8.01E-07	3.89E-04	0.000618	2.16E-04	1.02E-06	7.48E-04	9.65E-04
5231	484363.09	3865377.25	0.01492	0.01131	0.01329	2.22E-04	7.99E-07	3.46E-04	0.000569	2.27E-04	7.86E-07	3.85E-04	0.000612	2.16E-04	9.98E-07	7.38E-04	9.55E-04
5232	484863.09	3865377.25	0.01486	0.01159	0.01313	2.21E-04	8.18E-07	3.42E-04	0.000564	2.26E-04	8.06E-07	3.80E-04	0.000607	2.15E-04	1.02E-06	7.30E-04	9.45E-04
5233	485363.09	3865377.25	0.01478	0.01155	0.01302	2.20E-04	8.16E-07	3.39E-04	0.00056	2.25E-04	8.03E-07	3.77E-04	0.000602	2.14E-04	1.02E-06	7.23E-04	9.38E-04
5234	485863.09	3865377.25	0.01469	0.01176	0.01295	2.19E-04	8.30E-07	3.37E-04	0.000556	2.23E-04	8.17E-07	3.75E-04	0.000599	2.12E-04	1.04E-06	7.20E-04	9.33E-04
5235	486363.09	3865377.25	0.01463	0.01225	0.01289	2.18E-04	8.65E-07	3.35E-04	0.000554	2.23E-04	8.51E-07	3.73E-04	0.000596	2.11E-04	1.08E-06	7.16E-04	9.29E-04
5236	486863.09	3865377.25	0.01454	0.01213	0.01278	2.16E-04	8.56E-07	3.32E-04	0.00055	2.21E-04	8.43E-07	3.70E-04	0.000592	2.10E-04	1.07E-06	7.10E-04	9.21E-04
5237	487363.09	3865377.25	0.01444	0.01143	0.01272	2.15E-04	8.07E-07	3.31E-04	0.000547	2.20E-04	7.94E-07	3.68E-04	0.000588	2.09E-04	1.01E-06	7.07E-04	9.16E-04
5238	487863.09	3865377.25	0.01436	0.01113	0.0127	2.14E-04	7.86E-07	3.30E-04	0.000545	2.18E-04	7.74E-07	3.68E-04	0.000587	2.08E-04	9.82E-07	7.06E-04	9.14E-04
5239	488363.09	3865377.25	0.01431	0.01125	0.01275	2.13E-04	7.94E-07	3.32E-04	0.000545	2.18E-04	7.82E-07	3.69E-04	0.000587	2.07E-04	9.93E-07	7.08E-04	9.16E-04
5240	488863.09	3865377.25	0.01424	0.01163	0.01287	2.12E-04	8.21E-07	3.35E-04	0.000548	2.17E-04	8.08E-07	3.72E-04	0.00059	2.06E-04	1.03E-06	7.15E-04	9.22E-04
5241	489363.09	3865377.25	0.01418	0.01199	0.01301	2.11E-04	8.47E-07	3.38E-04	0.00055	2.16E-04	8.33E-07	3.76E-04	0.000593	2.05E-04	1.06E-06	7.23E-04	9.29E-04
5242	489863.09	3865377.25	0.0142	0.01222	0.01317	2.11E-04	8.63E-07	3.43E-04	0.000555	2.16E-04	8.49E-07	3.81E-04	0.000598	2.05E-04	1.08E-06	7.32E-04	9.38E-04
5243	490363.09	3865377.25	0.01433	0.01237	0.01355	2.13E-04	8.73E-07	3.53E-04	0.000567	2.18E-04	8.60E-07	3.92E-04	0.000611	2.07E-04	1.09E-06	7.53E-04	9.61E-04
5244	490863.09	3865377.25	0.01424	0.01179	0.0135	2.12E-04	8.32E-07	3.51E-04	0.000564	2.17E-04	8.19E-07	3.91E-04	0.000608	2.06E-04	1.04E-06	7.50E-04	9.57E-04
5245	491363.09	3865377.25	0.01412	0.01217	0.01357	2.10E-04	8.59E-07	3.53E-04	0.000564	2.15E-04	8.46E-07	3.93E-04	0.000608	2.04E-04	1.07E-06	7.54E-04	9.59E-04
5246	491863.09	3865377.25	0.01425	0.01277	0.0138	2.12E-04	9.02E-07	3.59E-04	0.000572	2.17E-04	8.88E-07	3.99E-04	0.000617	2.06E-04	1.13E-06	7.67E-04	9.74E-04
5247	492363.09	3865377.25	0.01263	0.01145	0.01256	1.88E-04	8.08E-07	3.27E-04	0.000516	1.92E-04	7.96E-07	3.63E-04	0.000556	1.83E-04	1.01E-06	6.98E-04	8.81E-04
5248	492863.09	3865377.25	0.01002	0.00909	0.00994	1.49E-04	6.42E-07	2.59E-04	0.000408	1.52E-04	6.32E-07	2.88E-04	0.000441	1.45E-04	8.02E-07	5.52E-04	6.98E-04
5249	493363.09	3865377.25	0.00767	0.00684	0.00749	1.14E-04	4.83E-07	1.95E-04	0.00031	1.17E-04	4.75E-07	2.17E-04	0.000334	1.11E-04	6.04E-07	4.16E-04	5.28E-04
5250	493863.09	3865377.25	0.01107	0.01019	0.0111	1.65E-04	7.19E-07	2.89E-04	0.000454	1.68E-04	7.08E-07	3.21E-04	0.00049	1.60E-04	8.99E-07	6.17E-04	7.78E-04
5251	494363.09	3865377.25	0.01393	0.0125	0.01381	2.07E-04	8.83E-07	3.59E-04	0.000568	2.12E-04	8.69E-07	4.00E-04	0.000612	2.01E-04	1.10E-06	7.67E-04	9.70E-04
5252	494863.09	3865377.25	0.0151	0.01364	0.01509	2.25E-04	9.63E-07	3.93E-04	0.000618	2.30E-04	9.48E-07	4.37E-04	0.000667	2.18E-04	1.20E-06	8.38E-04	1.06E-03
5253	495363.09	3865377.25	0.01525	0.01389	0.01532	2.27E-04	9.81E-07	3.99E-04	0.000627	2.32E-04	9.65E-07	4.43E-04	0.000676	2.20E-04	1.23E-06	8.51E-04	1.07E-03
5254	495863.09	3865377.25	0.01469	0.01343	0.01477	2.19E-04	9.48E-07	3.84E-04	0.000604	2.23E-04	9.33E-07	4.27E-04	0.000652	2.12E-04	1.18E-06	8.21E-04	1.03E-03
5255	496363.09	3865377.25	0.01399	0.0128	0.01402	2.08E-04	9.04E-07	3.65E-04	0.000574	2.13E-04	8.90E-07	4.06E-04	0.000619	2.02E-04	1.13E-06	7.79E-04	9.82E-04
5256	496863.09	3865377.25	0.01341	0.01213	0.01335	2.00E-04	8.56E-07	3.47E-04	0.000548	2.04E-04	8.43E-07	3.86E-04	0.000591	1.94E-04	1.07E-06	7.42E-04	9.37E-04
5257	497363.09	3865377.25	0.01323	0.01208	0.01334	1.97E-04	8.53E-07	3.47E-04	0.000545	2.01E-04	8.40E-07	3.86E-04	0.000588	1.91E-04	1.07E-06	7.41E-04	9.33E-04
5258	497863.09	3865377.25	0.01309	0.01195	0.01323	1.95E-04	8.44E-07	3.44E-04	0.00054	1.99E-04	8.31E-07	3.83E-04	0.000583	1.89E-04	1.05E-06	7.35E-04	9.25E-04
5259	498363.09	3865377.25	0.01308	0.01196	0.01325	1.95E-04	8.44E-07	3.45E-04	0.00054	1.99E-04	8.31E-07	3.83E-04	0.000583	1.89E-04	1.06E-06	7.36E-04	9.26E-04
5260	471363.09	3865877.25	0.0074	0.00701	0.00707	1.10E-04	4.95E-07	1.84E-04	0.000295	1.13E-04	4.87E-07	2.05E-04	0.000318	1.07E-04	6.19E-07	3.93E-04	5.00E-04

5261	471863.09	3865877.25	0.00755	0.00688	0.00718	1.12E-04	4.86E-07	1.87E-04	0.0003	1.15E-04	4.78E-07	2.08E-04	0.000323	1.09E-04	6.07E-07	3.99E-04	5.09E-04
5262	472363.09	3865877.25	0.00774	0.00681	0.00733	1.15E-04	4.81E-07	1.91E-04	0.000306	1.18E-04	4.73E-07	2.12E-04	0.00033	1.12E-04	6.01E-07	4.07E-04	5.20E-04
5263	472863.09	3865877.25	0.00788	0.00685	0.00745	1.17E-04	4.84E-07	1.94E-04	0.000312	1.20E-04	4.76E-07	2.16E-04	0.000336	1.14E-04	6.04E-07	4.14E-04	5.28E-04
5264	473363.09	3865877.25	0.00807	0.00712	0.0076	1.20E-04	5.03E-07	1.98E-04	0.000318	1.23E-04	4.95E-07	2.20E-04	0.000343	1.17E-04	6.28E-07	4.22E-04	5.40E-04
5265	473863.09	3865877.25	0.00831	0.00757	0.0078	1.24E-04	5.35E-07	2.03E-04	0.000327	1.26E-04	5.26E-07	2.26E-04	0.000353	1.20E-04	6.68E-07	4.33E-04	5.54E-04
5266	474363.09	3865877.25	0.00857	0.00808	0.008	1.28E-04	5.71E-07	2.08E-04	0.000336	1.30E-04	5.62E-07	2.31E-04	0.000362	1.24E-04	7.13E-07	4.45E-04	5.69E-04
5267	474863.09	3865877.25	0.00887	0.00848	0.00825	1.32E-04	5.99E-07	2.15E-04	0.000347	1.35E-04	5.89E-07	2.39E-04	0.000374	1.28E-04	7.48E-07	4.58E-04	5.87E-04
5268	475363.09	3865877.25	0.00917	0.00865	0.00852	1.36E-04	6.11E-07	2.22E-04	0.000359	1.39E-04	6.01E-07	2.47E-04	0.000387	1.33E-04	7.63E-07	4.73E-04	6.07E-04
5269	475863.09	3865877.25	0.00951	0.00878	0.00885	1.42E-04	6.20E-07	2.30E-04	0.000372	1.45E-04	6.10E-07	2.56E-04	0.000401	1.37E-04	7.75E-07	4.92E-04	6.30E-04
5270	476363.09	3865877.25	0.00985	0.00905	0.0093	1.47E-04	6.39E-07	2.42E-04	0.000389	1.50E-04	6.29E-07	2.69E-04	0.00042	1.42E-04	7.99E-07	5.17E-04	6.60E-04
5271	476863.09	3865877.25	0.00996	0.00935	0.00947	1.48E-04	6.60E-07	2.46E-04	0.000395	1.51E-04	6.50E-07	2.74E-04	0.000426	1.44E-04	8.25E-07	5.26E-04	6.71E-04
5272	477363.09	3865877.25	0.01069	0.01002	0.01006	1.59E-04	7.07E-07	2.62E-04	0.000422	1.63E-04	6.96E-07	2.91E-04	0.000454	1.54E-04	8.84E-07	5.59E-04	7.14E-04
5273	477863.09	3865877.25	0.01099	0.01018	0.0103	1.64E-04	7.19E-07	2.68E-04	0.000432	1.67E-04	7.08E-07	2.98E-04	0.000466	1.59E-04	8.98E-07	5.72E-04	7.32E-04
5274	478363.09	3865877.25	0.01132	0.01031	0.01056	1.68E-04	7.28E-07	2.75E-04	0.000444	1.72E-04	7.17E-07	3.06E-04	0.000478	1.64E-04	9.10E-07	5.87E-04	7.51E-04
5275	478863.09	3865877.25	0.01162	0.01025	0.01079	1.73E-04	7.24E-07	2.81E-04	0.000454	1.77E-04	7.12E-07	3.12E-04	0.00049	1.68E-04	9.04E-07	6.00E-04	7.68E-04
5276	479363.09	3865877.25	0.01192	0.0101	0.01106	1.77E-04	7.13E-07	2.88E-04	0.000466	1.81E-04	7.02E-07	3.20E-04	0.000502	1.72E-04	8.91E-07	6.15E-04	7.88E-04
5277	479863.09	3865877.25	0.01222	0.01019	0.01136	1.82E-04	7.19E-07	2.96E-04	0.000478	1.86E-04	7.08E-07	3.29E-04	0.000515	1.77E-04	8.99E-07	6.31E-04	8.09E-04
5278	480363.09	3865877.25	0.01253	0.01067	0.01166	1.87E-04	7.53E-07	3.03E-04	0.000491	1.91E-04	7.42E-07	3.37E-04	0.000529	1.81E-04	9.41E-07	6.48E-04	8.30E-04
5279	480863.09	3865877.25	0.01284	0.01126	0.01193	1.91E-04	7.95E-07	3.10E-04	0.000502	1.95E-04	7.83E-07	3.45E-04	0.000541	1.86E-04	9.94E-07	6.63E-04	8.49E-04
5280	481363.09	3865877.25	0.01309	0.01153	0.01212	1.95E-04	8.14E-07	3.15E-04	0.000511	1.99E-04	8.01E-07	3.51E-04	0.000551	1.89E-04	1.02E-06	6.73E-04	8.64E-04
5281	481863.09	3865877.25	0.0133	0.01147	0.01228	1.98E-04	8.10E-07	3.19E-04	0.000518	2.02E-04	7.97E-07	3.55E-04	0.000558	1.92E-04	1.01E-06	6.82E-04	8.76E-04
5282	482363.09	3865877.25	0.01349	0.01153	0.01239	2.01E-04	8.14E-07	3.22E-04	0.000524	2.05E-04	8.01E-07	3.59E-04	0.000565	1.95E-04	1.02E-06	6.88E-04	8.84E-04
5283	482863.09	3865877.25	0.01362	0.01152	0.01244	2.03E-04	8.13E-07	3.24E-04	0.000527	2.07E-04	8.01E-07	3.60E-04	0.000568	1.97E-04	1.02E-06	6.91E-04	8.89E-04
5284	483363.09	3865877.25	0.01369	0.01105	0.0124	2.04E-04	7.80E-07	3.23E-04	0.000527	2.08E-04	7.68E-07	3.59E-04	0.000568	1.98E-04	9.75E-07	6.89E-04	8.88E-04
5285	483863.09	3865877.25	0.01371	0.0106	0.01228	2.04E-04	7.48E-07	3.19E-04	0.000524	2.09E-04	7.37E-07	3.55E-04	0.000565	1.98E-04	9.35E-07	6.82E-04	8.81E-04
5286	484363.09	3865877.25	0.01369	0.01056	0.01214	2.04E-04	7.46E-07	3.16E-04	0.00052	2.08E-04	7.34E-07	3.51E-04	0.00056	1.98E-04	9.32E-07	6.75E-04	8.73E-04
5287	484863.09	3865877.25	0.01358	0.01059	0.01195	2.02E-04	7.48E-07	3.11E-04	0.000514	2.07E-04	7.36E-07	3.46E-04	0.000553	1.96E-04	9.34E-07	6.64E-04	8.61E-04
5288	485363.09	3865877.25	0.01348	0.01045	0.01184	2.01E-04	7.38E-07	3.08E-04	0.000509	2.05E-04	7.26E-07	3.43E-04	0.000548	1.95E-04	9.22E-07	6.58E-04	8.54E-04
5289	485863.09	3865877.25	0.0134	0.0107	0.01177	1.99E-04	7.56E-07	3.06E-04	0.000506	2.04E-04	7.44E-07	3.41E-04	0.000545	1.94E-04	9.44E-07	6.54E-04	8.49E-04
5290	486363.09	3865877.25	0.01334	0.01113	0.01169	1.99E-04	7.86E-07	3.04E-04	0.000503	2.03E-04	7.74E-07	3.38E-04	0.000542	1.93E-04	9.82E-07	6.50E-04	8.43E-04
5291	486863.09	3865877.25	0.01328	0.01114	0.01162	1.98E-04	7.87E-07	3.02E-04	0.000501	2.02E-04	7.74E-07	3.36E-04	0.000539	1.92E-04	9.83E-07	6.46E-04	8.39E-04
5292	487363.09	3865877.25	0.0132	0.01059	0.01159	1.96E-04	7.48E-07	3.02E-04	0.000499	2.01E-04	7.36E-07	3.35E-04	0.000537	1.91E-04	9.34E-07	6.44E-04	8.36E-04
5293	487863.09	3865877.25	0.01319	0.01031	0.01163	1.96E-04	7.28E-07	3.03E-04	0.0005	2.01E-04	7.17E-07	3.37E-04	0.000538	1.91E-04	9.10E-07	6.46E-04	8.38E-04
5294	488363.09	3865877.25	0.01314	0.01033	0.01166	1.96E-04	7.29E-07	3.03E-04	0.0005	2.00E-04	7.18E-07	3.37E-04	0.000538	1.90E-04	9.11E-07	6.48E-04	8.39E-04
5295	488863.09	3865877.25	0.01312	0.01061	0.01179	1.95E-04	7.49E-07	3.07E-04	0.000503	2.00E-04	7.37E-07	3.41E-04	0.000541	1.90E-04	9.36E-07	6.55E-04	8.46E-04
5296	489363.09	3865877.25	0.01308	0.01092	0.01192	1.95E-04	7.71E-07	3.10E-04	0.000506	1.99E-04	7.59E-07	3.45E-04	0.000545	1.89E-04	9.64E-07	6.62E-04	8.52E-04
5297	489863.09	3865877.25	0.01304	0.01115	0.01202	1.94E-04	7.87E-07	3.13E-04	0.000508	1.98E-04	7.75E-07	3.48E-04	0.000547	1.88E-04	9.84E-07	6.68E-04	8.57E-04
5298	490363.09	3865877.25	0.01313	0.01136	0.01223	1.95E-04	8.02E-07	3.18E-04	0.000514	2.00E-04	7.90E-07	3.54E-04	0.000554	1.90E-04	1.00E-06	6.80E-04	8.70E-04
5299	490863.09	3865877.25	0.01308	0.01123	0.01239	1.95E-04	7.93E-07	3.22E-04	0.000518	1.99E-04	7.81E-07	3.59E-04	0.000558	1.89E-04	9.91E-07	6.88E-04	8.78E-04
5300	491363.09	3865877.25	0.01278	0.01062	0.01222	1.90E-04	7.50E-07	3.18E-04	0.000509	1.94E-04	7.38E-07	3.54E-04	0.000549	1.85E-04	9.37E-07	6.79E-04	8.65E-04
5301	491863.09	3865877.25	0.01267	0.0113	0.01227	1.89E-04	7.98E-07	3.19E-04	0.000509	1.93E-04	7.85E-07	3.55E-04	0.000549	1.83E-04	9.97E-07	6.82E-04	8.66E-04
5302	492363.09	3865877.25	0.01228	0.01124	0.01207	1.83E-04	7.94E-07	3.14E-04	0.000498	1.87E-04	7.81E-07	3.49E-04	0.000537	1.77E-04	9.92E-07	6.71E-04	8.49E-04
5303	492863.09	3865877.25	0.00988	0.00902	0.00978	1.47E-04	6.37E-07	2.54E-04	0.000402	1.50E-04	6.27E-07	2.83E-04	0.000434	1.43E-04	7.96E-07	5.43E-04	6.87E-04
5304	493363.09	3865877.25	0.00981	0.00892	0.00976	1.46E-04	6.30E-07	2.54E-04	0.000401	1.49E-04	6.20E-07	2.82E-04	0.000432	1.42E-04	7.87E-07	5.42E-04	6.85E-04
5305	493863.09	3865877.25	0.0108	0.00971	0.01078	1.61E-04	6.86E-07	2.80E-04	0.000442	1.64E-04	6.75E-07	3.12E-04	0.000477	1.56E-04	8.57E-07	5.99E-04	7.56E-04
5306	494363.09	3865877.25	0.01189	0.01072	0.01174	1.77E-04	7.57E-07	3.05E-04	0.000483	1.81E-04	7.45E-07	3.40E-04	0.000521	1.72E-04	9.46E-07	6.52E-04	8.25E-04
5307	494863.09	3865877.25	0.01326	0.01187	0.01304	1.97E-04	8.38E-07	3.39E-04	0.000537	2.02E-04	8.25E-07	3.77E-04	0.00058	1.92E-04	1.05E-06	7.25E-04	9.17E-04

5308	495363.09	3865877.25	0.01384	0.01256	0.01381	2.06E-04	8.87E-07	3.59E-04	0.000566	2.10E-04	8.73E-07	4.00E-04	0.000611	2.00E-04	1.11E-06	7.67E-04	9.68E-04
5309	495863.09	3865877.25	0.01395	0.01276	0.014	2.08E-04	9.01E-07	3.64E-04	0.000573	2.12E-04	8.87E-07	4.05E-04	0.000618	2.02E-04	1.13E-06	7.78E-04	9.81E-04
5310	496363.09	3865877.25	0.01352	0.01242	0.01355	2.01E-04	8.77E-07	3.53E-04	0.000555	2.06E-04	8.63E-07	3.92E-04	0.000599	1.95E-04	1.10E-06	7.53E-04	9.49E-04
5311	496863.09	3865877.25	0.01267	0.01167	0.01267	1.89E-04	8.24E-07	3.30E-04	0.000519	1.93E-04	8.11E-07	3.67E-04	0.00056	1.83E-04	1.03E-06	7.04E-04	8.88E-04
5312	497363.09	3865877.25	0.0122	0.0111	0.01212	1.82E-04	7.84E-07	3.15E-04	0.000498	1.86E-04	7.71E-07	3.51E-04	0.000537	1.76E-04	9.79E-07	6.73E-04	8.51E-04
5313	497863.09	3865877.25	0.01205	0.01085	0.01195	1.79E-04	7.66E-07	3.11E-04	0.000491	1.83E-04	7.54E-07	3.46E-04	0.00053	1.74E-04	9.57E-07	6.64E-04	8.39E-04
5314	498363.09	3865877.25	0.01191	0.01066	0.01181	1.77E-04	7.53E-07	3.07E-04	0.000485	1.81E-04	7.41E-07	3.42E-04	0.000524	1.72E-04	9.41E-07	6.56E-04	8.29E-04
5315	471363.09	3866377.25	0.00701	0.00626	0.00663	1.04E-04	4.42E-07	1.72E-04	0.000277	1.07E-04	4.35E-07	1.92E-04	0.000299	1.01E-04	5.52E-07	3.68E-04	4.70E-04
5316	471863.09	3866377.25	0.00716	0.00621	0.00675	1.07E-04	4.38E-07	1.76E-04	0.000283	1.09E-04	4.32E-07	1.95E-04	0.000305	1.03E-04	5.48E-07	3.75E-04	4.79E-04
5317	472363.09	3866377.25	0.00732	0.00631	0.00687	1.09E-04	4.46E-07	1.79E-04	0.000288	1.11E-04	4.39E-07	1.99E-04	0.000311	1.06E-04	5.57E-07	3.82E-04	4.88E-04
5318	472863.09	3866377.25	0.00747	0.00657	0.00699	1.11E-04	4.64E-07	1.82E-04	0.000294	1.14E-04	4.57E-07	2.02E-04	0.000316	1.08E-04	5.80E-07	3.88E-04	4.97E-04
5319	473363.09	3866377.25	0.00768	0.00701	0.00717	1.14E-04	4.95E-07	1.87E-04	0.000301	1.17E-04	4.87E-07	2.07E-04	0.000325	1.11E-04	6.19E-07	3.98E-04	5.10E-04
5320	473863.09	3866377.25	0.00791	0.00748	0.00736	1.18E-04	5.28E-07	1.91E-04	0.00031	1.20E-04	5.20E-07	2.13E-04	0.000334	1.14E-04	6.60E-07	4.09E-04	5.24E-04
5321	474363.09	3866377.25	0.00817	0.00785	0.00758	1.22E-04	5.54E-07	1.97E-04	0.000319	1.24E-04	5.46E-07	2.19E-04	0.000344	1.18E-04	6.93E-07	4.21E-04	5.40E-04
5322	474863.09	3866377.25	0.00845	0.00803	0.00784	1.26E-04	5.67E-07	2.04E-04	0.00033	1.29E-04	5.58E-07	2.27E-04	0.000356	1.22E-04	7.09E-07	4.36E-04	5.58E-04
5323	475363.09	3866377.25	0.00873	0.00809	0.00811	1.30E-04	5.71E-07	2.11E-04	0.000342	1.33E-04	5.62E-07	2.35E-04	0.000368	1.26E-04	7.14E-07	4.51E-04	5.78E-04
5324	475863.09	3866377.25	0.00903	0.00828	0.00841	1.34E-04	5.85E-07	2.19E-04	0.000354	1.37E-04	5.75E-07	2.43E-04	0.000381	1.30E-04	7.31E-07	4.67E-04	5.99E-04
5325	476363.09	3866377.25	0.00945	0.00876	0.00886	1.41E-04	6.19E-07	2.31E-04	0.000372	1.44E-04	6.09E-07	2.56E-04	0.000401	1.37E-04	7.73E-07	4.92E-04	6.30E-04
5326	476863.09	3866377.25	0.00936	0.00882	0.00894	1.39E-04	6.23E-07	2.33E-04	0.000373	1.42E-04	6.13E-07	2.59E-04	0.000402	1.35E-04	7.78E-07	4.97E-04	6.33E-04
5327	477363.09	3866377.25	0.01006	0.00937	0.00948	1.50E-04	6.62E-07	2.47E-04	0.000397	1.53E-04	6.51E-07	2.74E-04	0.000428	1.45E-04	8.27E-07	5.27E-04	6.73E-04
5328	477863.09	3866377.25	0.01044	0.0096	0.00974	1.55E-04	6.78E-07	2.53E-04	0.000409	1.59E-04	6.67E-07	2.82E-04	0.000441	1.51E-04	8.47E-07	5.41E-04	6.93E-04
5329	478363.09	3866377.25	0.01065	0.00964	0.0099	1.59E-04	6.81E-07	2.58E-04	0.000417	1.62E-04	6.70E-07	2.86E-04	0.000449	1.54E-04	8.51E-07	5.50E-04	7.05E-04
5330	478863.09	3866377.25	0.01092	0.00953	0.01012	1.63E-04	6.73E-07	2.63E-04	0.000426	1.66E-04	6.62E-07	2.93E-04	0.00046	1.58E-04	8.41E-07	5.62E-04	7.21E-04
5331	479363.09	3866377.25	0.01121	0.0094	0.01038	1.67E-04	6.64E-07	2.70E-04	0.000438	1.70E-04	6.53E-07	3.00E-04	0.000472	1.62E-04	8.29E-07	5.77E-04	7.40E-04
5332	479863.09	3866377.25	0.01151	0.00955	0.01069	1.71E-04	6.74E-07	2.78E-04	0.00045	1.75E-04	6.64E-07	3.09E-04	0.000485	1.66E-04	8.43E-07	5.94E-04	7.61E-04
5333	480363.09	3866377.25	0.01179	0.01008	0.01096	1.75E-04	7.12E-07	2.85E-04	0.000461	1.79E-04	7.01E-07	3.17E-04	0.000497	1.70E-04	8.89E-07	6.09E-04	7.80E-04
5334	480863.09	3866377.25	0.012	0.01064	0.01112	1.79E-04	7.51E-07	2.89E-04	0.000469	1.83E-04	7.40E-07	3.22E-04	0.000505	1.73E-04	9.39E-07	6.18E-04	7.92E-04
5335	481363.09	3866377.25	0.0122	0.0108	0.01126	1.82E-04	7.63E-07	2.93E-04	0.000475	1.86E-04	7.51E-07	3.26E-04	0.000512	1.76E-04	9.53E-07	6.26E-04	8.03E-04
5336	481863.09	3866377.25	0.01232	0.01062	0.01133	1.83E-04	7.50E-07	2.95E-04	0.000479	1.87E-04	7.38E-07	3.28E-04	0.000516	1.78E-04	9.37E-07	6.30E-04	8.09E-04
5337	482363.09	3866377.25	0.01244	0.01063	0.01139	1.85E-04	7.51E-07	2.96E-04	0.000482	1.89E-04	7.39E-07	3.30E-04	0.00052	1.80E-04	9.38E-07	6.33E-04	8.14E-04
5338	482863.09	3866377.25	0.01256	0.01048	0.01144	1.87E-04	7.40E-07	2.98E-04	0.000485	1.91E-04	7.28E-07	3.31E-04	0.000523	1.81E-04	9.25E-07	6.36E-04	8.18E-04
5339	483363.09	3866377.25	0.01261	0.01007	0.01138	1.88E-04	7.11E-07	2.96E-04	0.000484	1.92E-04	7.00E-07	3.29E-04	0.000522	1.82E-04	8.89E-07	6.32E-04	8.15E-04
5340	483863.09	3866377.25	0.01263	0.00986	0.01126	1.88E-04	6.96E-07	2.93E-04	0.000482	1.92E-04	6.85E-07	3.26E-04	0.000519	1.83E-04	8.70E-07	6.26E-04	8.09E-04
5341	484363.09	3866377.25	0.01257	0.00982	0.0111	1.87E-04	6.93E-07	2.89E-04	0.000477	1.91E-04	6.83E-07	3.21E-04	0.000513	1.82E-04	8.66E-07	6.17E-04	7.99E-04
5342	484863.09	3866377.25	0.01251	0.00971	0.01098	1.86E-04	6.86E-07	2.86E-04	0.000473	1.90E-04	6.75E-07	3.18E-04	0.000509	1.81E-04	8.57E-07	6.10E-04	7.92E-04
5343	485363.09	3866377.25	0.01238	0.00953	0.01084	1.84E-04	6.73E-07	2.82E-04	0.000467	1.88E-04	6.62E-07	3.14E-04	0.000503	1.79E-04	8.41E-07	6.02E-04	7.82E-04
5344	485863.09	3866377.25	0.01227	0.00977	0.01073	1.83E-04	6.90E-07	2.79E-04	0.000462	1.87E-04	6.79E-07	3.10E-04	0.000498	1.77E-04	8.62E-07	5.96E-04	7.74E-04
5345	486363.09	3866377.25	0.01223	0.01016	0.01066	1.82E-04	7.17E-07	2.77E-04	0.00046	1.86E-04	7.06E-07	3.08E-04	0.000495	1.77E-04	8.96E-07	5.92E-04	7.70E-04
5346	486863.09	3866377.25	0.01221	0.01026	0.01064	1.82E-04	7.24E-07	2.77E-04	0.000459	1.86E-04	7.13E-07	3.08E-04	0.000494	1.76E-04	9.05E-07	5.91E-04	7.69E-04
5347	487363.09	3866377.25	0.01237	0.01002	0.01083	1.84E-04	7.07E-07	2.82E-04	0.000467	1.88E-04	6.96E-07	3.13E-04	0.000502	1.79E-04	8.84E-07	6.02E-04	7.81E-04
5348	487863.09	3866377.25	0.01244	0.0098	0.01094	1.85E-04	6.92E-07	2.85E-04	0.00047	1.89E-04	6.81E-07	3.17E-04	0.000506	1.80E-04	8.65E-07	6.08E-04	7.89E-04
5349	488363.09	3866377.25	0.01239	0.00975	0.01097	1.84E-04	6.88E-07	2.85E-04	0.000471	1.88E-04	6.78E-07	3.17E-04	0.000507	1.79E-04	8.60E-07	6.10E-04	7.89E-04
5350	488863.09	3866377.25	0.0123	0.00996	0.01111	1.83E-04	7.03E-07	2.89E-04	0.000473	1.87E-04	6.92E-07	3.21E-04	0.000509	1.78E-04	8.79E-07	6.17E-04	7.96E-04
5351	489363.09	3866377.25	0.01215	0.01015	0.01115	1.81E-04	7.17E-07	2.90E-04	0.000472	1.85E-04	7.05E-07	3.23E-04	0.000508	1.76E-04	8.96E-07	6.20E-04	7.96E-04
5352	489863.09	3866377.25	0.01177	0.00995	0.01096	1.75E-04	7.03E-07	2.85E-04	0.000461	1.79E-04	6.92E-07	3.17E-04	0.000497	1.70E-04	8.78E-07	6.09E-04	7.80E-04
5353	490363.09	3866377.25	0.01205	0.01042	0.01115	1.79E-04	7.36E-07	2.90E-04	0.00047	1.83E-04	7.24E-07	3.23E-04	0.000507	1.74E-04	9.19E-07	6.20E-04	7.95E-04
5354	490863.09	3866377.25	0.01203	0.0104	0.01121	1.79E-04	7.34E-07	2.92E-04	0.000471	1.83E-04	7.23E-07	3.24E-04	0.000508	1.74E-04	9.18E-07	6.23E-04	7.98E-04

5355	491363.09	3866377.25	0.01209	0.01037	0.01143	1.80E-04	7.32E-07	2.97E-04	0.000478	1.84E-04	7.21E-07	3.31E-04	0.000515	1.75E-04	9.15E-07	6.35E-04	8.11E-04
5356	491863.09	3866377.25	0.01129	0.00969	0.01092	1.68E-04	6.84E-07	2.84E-04	0.000453	1.72E-04	6.73E-07	3.16E-04	0.000488	1.63E-04	8.55E-07	6.07E-04	7.71E-04
5357	492363.09	3866377.25	0.0113	0.01034	0.01104	1.68E-04	7.30E-07	2.87E-04	0.000456	1.72E-04	7.19E-07	3.19E-04	0.000492	1.63E-04	9.12E-07	6.13E-04	7.78E-04
5358	492863.09	3866377.25	0.01039	0.00957	0.01028	1.55E-04	6.76E-07	2.67E-04	0.000423	1.58E-04	6.65E-07	2.97E-04	0.000456	1.50E-04	8.44E-07	5.71E-04	7.22E-04
5359	493363.09	3866377.25	0.01096	0.00987	0.01077	1.63E-04	6.97E-07	2.80E-04	0.000444	1.67E-04	6.86E-07	3.12E-04	0.000479	1.58E-04	8.71E-07	5.98E-04	7.58E-04
5360	493863.09	3866377.25	0.01145	0.01021	0.01127	1.70E-04	7.21E-07	2.93E-04	0.000464	1.74E-04	7.10E-07	3.26E-04	0.000501	1.65E-04	9.01E-07	6.26E-04	7.93E-04
5361	494363.09	3866377.25	0.01172	0.01033	0.01143	1.74E-04	7.29E-07	2.97E-04	0.000473	1.78E-04	7.18E-07	3.31E-04	0.00051	1.69E-04	9.11E-07	6.35E-04	8.05E-04
5362	494863.09	3866377.25	0.01149	0.01026	0.01122	1.71E-04	7.24E-07	2.92E-04	0.000464	1.75E-04	7.13E-07	3.25E-04	0.0005	1.66E-04	9.05E-07	6.23E-04	7.90E-04
5363	495363.09	3866377.25	0.01185	0.01069	0.01169	1.76E-04	7.55E-07	3.04E-04	0.000481	1.80E-04	7.43E-07	3.38E-04	0.000519	1.71E-04	9.43E-07	6.50E-04	8.22E-04
5364	495863.09	3866377.25	0.01235	0.01131	0.01237	1.84E-04	7.99E-07	3.22E-04	0.000506	1.88E-04	7.86E-07	3.58E-04	0.000547	1.78E-04	9.98E-07	6.87E-04	8.67E-04
5365	496363.09	3866377.25	0.01245	0.01146	0.01253	1.85E-04	8.09E-07	3.26E-04	0.000512	1.89E-04	7.97E-07	3.63E-04	0.000553	1.80E-04	1.01E-06	6.96E-04	8.77E-04
5366	496863.09	3866377.25	0.01196	0.01108	0.01205	1.78E-04	7.82E-07	3.13E-04	0.000492	1.82E-04	7.70E-07	3.49E-04	0.000531	1.73E-04	9.78E-07	6.70E-04	8.43E-04
5367	497363.09	3866377.25	0.01143	0.01063	0.01147	1.70E-04	7.51E-07	2.98E-04	0.000469	1.74E-04	7.39E-07	3.32E-04	0.000506	1.65E-04	9.38E-07	6.37E-04	8.03E-04
5368	497863.09	3866377.25	0.01098	0.01009	0.01093	1.63E-04	7.12E-07	2.84E-04	0.000449	1.67E-04	7.01E-07	3.16E-04	0.000484	1.59E-04	8.90E-07	6.07E-04	7.67E-04
5369	498363.09	3866377.25	0.00991	0.00902	0.00987	1.48E-04	6.37E-07	2.57E-04	0.000405	1.51E-04	6.27E-07	2.86E-04	0.000437	1.43E-04	7.96E-07	5.48E-04	6.92E-04
5370	474494.92	3848334.16	0.0069	0.00733	0.00665	1.03E-04	5.18E-07	1.73E-04	0.000276	1.05E-04	5.09E-07	1.92E-04	0.000298	9.97E-05	6.47E-07	3.70E-04	4.70E-04
5371	475167.27	3848920.79	0.00787	0.00845	0.0076	1.17E-04	5.97E-07	1.98E-04	0.000315	1.20E-04	5.87E-07	2.20E-04	0.00034	1.14E-04	7.46E-07	4.22E-04	5.37E-04
5372	475297.89	3848997.96	0.00801	0.00861	0.00773	1.19E-04	6.08E-07	2.01E-04	0.000321	1.22E-04	5.98E-07	2.24E-04	0.000346	1.16E-04	7.60E-07	4.30E-04	5.46E-04
5373	475439.05	3849062	0.00791	0.0085	0.00764	1.18E-04	6.00E-07	1.99E-04	0.000317	1.20E-04	5.91E-07	2.21E-04	0.000342	1.14E-04	7.50E-07	4.25E-04	5.40E-04
5374	475486.86	3849061.09	0.00783	0.00841	0.00757	1.17E-04	5.94E-07	1.97E-04	0.000314	1.19E-04	5.85E-07	2.19E-04	0.000339	1.13E-04	7.42E-07	4.21E-04	5.35E-04
5375	475538.46	3849075.56	0.00788	0.00848	0.00762	1.17E-04	5.99E-07	1.98E-04	0.000316	1.20E-04	5.89E-07	2.21E-04	0.000341	1.14E-04	7.48E-07	4.23E-04	5.38E-04
5376	475751.79	3849137.15	0.00827	0.00891	0.00794	1.23E-04	6.29E-07	2.07E-04	0.00033	1.26E-04	6.19E-07	2.30E-04	0.000356	1.20E-04	7.86E-07	4.41E-04	5.61E-04
5377	476303.62	3849223.38	0.00848	0.00919	0.00807	1.26E-04	6.49E-07	2.10E-04	0.000337	1.29E-04	6.39E-07	2.34E-04	0.000363	1.23E-04	8.11E-07	4.48E-04	5.72E-04
5378	476304.51	3849238.92	0.00854	0.00925	0.00812	1.27E-04	6.53E-07	2.11E-04	0.000339	1.30E-04	6.43E-07	2.35E-04	0.000365	1.23E-04	8.16E-07	4.51E-04	5.75E-04
5379	476365.04	3849247.98	0.00854	0.00925	0.00812	1.27E-04	6.53E-07	2.11E-04	0.000339	1.30E-04	6.43E-07	2.35E-04	0.000365	1.23E-04	8.16E-07	4.51E-04	5.75E-04
5380	476444.86	3849267.13	0.0085	0.00921	0.00808	1.27E-04	6.50E-07	2.10E-04	0.000337	1.29E-04	6.40E-07	2.34E-04	0.000364	1.23E-04	8.13E-07	4.49E-04	5.73E-04
5381	476550.75	3849300.66	0.0086	0.0093	0.00815	1.28E-04	6.57E-07	2.12E-04	0.000341	1.31E-04	6.46E-07	2.36E-04	0.000367	1.24E-04	8.21E-07	4.53E-04	5.78E-04
5382	476656.71	3849346.88	0.00871	0.0094	0.00824	1.30E-04	6.64E-07	2.14E-04	0.000345	1.32E-04	6.53E-07	2.38E-04	0.000372	1.26E-04	8.29E-07	4.58E-04	5.85E-04
5383	476873.55	3849454.53	0.00902	0.00968	0.00849	1.34E-04	6.83E-07	2.21E-04	0.000356	1.37E-04	6.73E-07	2.46E-04	0.000384	1.30E-04	8.54E-07	4.72E-04	6.03E-04
5384	477700	3849859.7	0.01069	0.01106	0.00985	1.59E-04	7.81E-07	2.56E-04	0.000416	1.63E-04	7.69E-07	2.85E-04	0.000448	1.54E-04	9.76E-07	5.47E-04	7.03E-04
5385	477743.16	3849856.38	0.01063	0.01102	0.00986	1.58E-04	7.78E-07	2.57E-04	0.000416	1.62E-04	7.66E-07	2.85E-04	0.000448	1.54E-04	9.72E-07	5.48E-04	7.02E-04
5386	478477.35	3850216.33	0.01309	0.01382	0.01238	1.95E-04	9.76E-07	3.22E-04	0.000518	1.99E-04	9.61E-07	3.58E-04	0.000558	1.89E-04	1.22E-06	6.88E-04	8.78E-04
5387	478485.8	3850201.6	0.0132	0.01398	0.0125	1.96E-04	9.87E-07	3.25E-04	0.000523	2.01E-04	9.72E-07	3.62E-04	0.000563	1.91E-04	1.23E-06	6.95E-04	8.87E-04
5388	479113.21	3850501.53	0.01765	0.01992	0.01702	2.63E-04	1.41E-06	4.43E-04	0.000707	2.68E-04	1.38E-06	4.93E-04	0.000762	2.55E-04	1.76E-06	9.46E-04	1.20E-03
5389	479108.11	3850382.28	0.01777	0.02041	0.01737	2.65E-04	1.44E-06	4.52E-04	0.000718	2.70E-04	1.42E-06	5.03E-04	0.000774	2.57E-04	1.80E-06	9.65E-04	1.22E-03
5390	479689.85	3850674.28	0.02051	0.02411	0.02036	3.05E-04	1.70E-06	5.30E-04	0.000837	3.12E-04	1.68E-06	5.89E-04	0.000903	2.96E-04	2.13E-06	1.13E-03	1.43E-03
5391	479952.42	3850774.28	0.0214	0.02498	0.02116	3.19E-04	1.76E-06	5.50E-04	0.000871	3.25E-04	1.74E-06	6.12E-04	0.00094	3.09E-04	2.20E-06	1.18E-03	1.49E-03
5392	479911.32	3850884.85	0.02218	0.02631	0.02197	3.30E-04	1.86E-06	5.72E-04	0.000904	3.37E-04	1.83E-06	6.36E-04	0.000975	3.21E-04	2.32E-06	1.22E-03	1.54E-03
5393	480500.92	3851178.12	0.02515	0.02849	0.02415	3.74E-04	2.01E-06	6.28E-04	0.001005	3.82E-04	1.98E-06	6.99E-04	0.001083	3.63E-04	2.51E-06	1.34E-03	1.71E-03
5394	480738.01	3851289.27	0.02608	0.02859	0.02462	3.88E-04	2.02E-06	6.41E-04	0.001031	3.97E-04	1.99E-06	7.12E-04	0.001111	3.77E-04	2.52E-06	1.37E-03	1.75E-03
5395	481055.42	3851443.58	0.02725	0.02925	0.02529	4.06E-04	2.07E-06	6.58E-04	0.001066	4.14E-04	2.03E-06	7.32E-04	0.001148	3.94E-04	2.58E-06	1.41E-03	1.80E-03
5396	481110.22	3851443.15	0.02699	0.02893	0.02502	4.02E-04	2.04E-06	6.51E-04	0.001055	4.10E-04	2.01E-06	7.24E-04	0.001137	3.90E-04	2.55E-06	1.39E-03	1.78E-03
5397	481111.1	3851417.45	0.02655	0.02846	0.02465	3.95E-04	2.01E-06	6.41E-04	0.001038	4.04E-04	1.98E-06	7.13E-04	0.001119	3.84E-04	2.51E-06	1.37E-03	1.76E-03
5398	482248.44	3852605.09	0.04719	0.05324	0.04189	7.02E-04	3.76E-06	1.09E-03	0.001796	7.18E-04	3.70E-06	1.21E-03	0.001934	6.82E-04	4.70E-06	2.33E-03	3.01E-03
5399	482273.34	3852632.31	0.04796	0.05414	0.0425	7.14E-04	3.82E-06	1.11E-03	0.001823	7.29E-04	3.76E-06	1.23E-03	0.001963	6.93E-04	4.78E-06	2.36E-03	3.06E-03
5400	482665.46	3853038.72	0.06542	0.07027	0.05585	9.74E-04	4.96E-06	1.45E-03	0.002432	9.95E-04	4.88E-06	1.62E-03	0.002616	9.45E-04	6.20E-06	3.10E-03	4.05E-03
5401	483077.95	3853844.31	0.41842	0.1662	0.40309	6.23E-03	1.17E-05	1.05E-02	0.016727	6.36E-03	1.16E-05	1.17E-02	0.01804	6.05E-03	1.47E-05	2.24E-02	2.85E-02

5402	483121.38	3853909.38	0.39203	0.18085	0.47707	5.84E-03	1.28E-05	1.24E-02	0.018259	5.96E-03	1.26E-05	1.38E-02	0.01978	5.66E-03	1.60E-05	2.65E-02	3.22E-02
5403	483492.64	3853911.49	0.23205	0.15199	0.28051	3.45E-03	1.07E-05	7.30E-03	0.010762	3.53E-03	1.06E-05	8.12E-03	0.011657	3.35E-03	1.34E-05	1.56E-02	1.90E-02
5404	483498.29	3854204.73	0.32432	0.25541	0.57097	4.83E-03	1.80E-05	1.49E-02	0.0197	4.93E-03	1.78E-05	1.65E-02	0.021473	4.69E-03	2.25E-05	3.17E-02	3.64E-02
5405	484132.44	3854662.55	0.45944	1.31898	0.46557	6.84E-03	9.31E-05	1.21E-02	0.019044	6.99E-03	9.17E-05	1.35E-02	0.020552	6.64E-03	1.16E-04	2.59E-02	3.26E-02
5406	484627.62	3854876.13	0.58924	1.94089	0.52307	8.77E-03	1.37E-04	1.36E-02	0.022516	8.96E-03	1.35E-04	1.51E-02	0.024233	8.51E-03	1.71E-04	2.91E-02	3.78E-02
5407	484756.14	3854949.04	0.63546	1.98003	0.55892	9.46E-03	1.40E-04	1.45E-02	0.024139	9.66E-03	1.38E-04	1.62E-02	0.025976	9.18E-03	1.75E-04	3.11E-02	4.04E-02
5408	486697.51	3856599.17	0.89663	0.2367	0.95629	1.33E-02	1.67E-05	2.49E-02	0.038242	1.36E-02	1.65E-05	2.77E-02	0.041326	1.30E-02	2.09E-05	5.31E-02	6.61E-02
5409	487105.31	3856962.27	1.04397	0.40142	1.13003	1.55E-02	2.83E-05	2.94E-02	0.044966	1.59E-02	2.79E-05	3.27E-02	0.048605	1.51E-02	3.54E-05	6.28E-02	7.79E-02
5410	487157.57	3856901.7	0.95436	0.3459	1.02719	1.42E-02	2.44E-05	2.67E-02	0.040953	1.45E-02	2.40E-05	2.97E-02	0.044263	1.38E-02	3.05E-05	5.71E-02	7.09E-02
5411	487173.5	3856853.74	0.90652	0.31243	0.97211	1.35E-02	2.21E-05	2.53E-02	0.038806	1.38E-02	2.17E-05	2.81E-02	0.041939	1.31E-02	2.76E-05	5.40E-02	6.71E-02
5412	487564.41	3856860.83	0.74694	0.41866	0.79884	1.11E-02	2.96E-05	2.08E-02	0.03193	1.14E-02	2.91E-05	2.31E-02	0.034505	1.08E-02	3.69E-05	4.44E-02	5.52E-02
5413	487563.31	3856931.58	0.78529	0.52926	0.84371	1.17E-02	3.74E-05	2.19E-02	0.033676	1.19E-02	3.68E-05	2.44E-02	0.036395	1.13E-02	4.67E-05	4.69E-02	5.83E-02
5414	487782.7	3856926.85	0.70705	0.56259	0.75821	1.05E-02	3.97E-05	1.97E-02	0.03029	1.08E-02	3.91E-05	2.19E-02	0.032733	1.02E-02	4.96E-05	4.21E-02	5.24E-02
5415	487782.39	3856757.07	0.63832	0.35483	0.67795	9.50E-03	2.51E-05	1.76E-02	0.027164	9.71E-03	2.47E-05	1.96E-02	0.029351	9.22E-03	3.13E-05	3.77E-02	4.69E-02
5416	487917.26	3856752.41	0.6068	0.37059	0.64393	9.03E-03	2.62E-05	1.68E-02	0.025811	9.23E-03	2.58E-05	1.86E-02	0.027888	8.77E-03	3.27E-05	3.58E-02	4.46E-02
5417	487919.57	3856953.35	0.67676	0.62009	0.72669	1.01E-02	4.38E-05	1.89E-02	0.029023	1.03E-02	4.31E-05	2.10E-02	0.031364	9.78E-03	5.47E-05	4.04E-02	5.02E-02
5418	487932.76	3857000.32	0.68889	0.7043	0.74202	1.03E-02	4.97E-05	1.93E-02	0.029608	1.05E-02	4.90E-05	2.15E-02	0.031998	9.95E-03	6.21E-05	4.12E-02	5.12E-02
5419	487960.5	3857044.75	0.69599	0.78806	0.75214	1.04E-02	5.56E-05	1.96E-02	0.029983	1.06E-02	5.48E-05	2.18E-02	0.032405	1.01E-02	6.95E-05	4.18E-02	5.19E-02
5420	488016.54	3857089.54	0.69356	0.86069	0.75218	1.03E-02	6.08E-05	1.96E-02	0.029953	1.05E-02	5.98E-05	2.18E-02	0.032374	1.00E-02	7.59E-05	4.18E-02	5.19E-02
5421	488114.39	3857165.47	0.6874	0.95424	0.75584	1.02E-02	6.74E-05	1.97E-02	0.029963	1.05E-02	6.63E-05	2.19E-02	0.032393	9.93E-03	8.42E-05	4.20E-02	5.20E-02
5422	488171.49	3857234.24	0.69056	1.00969	0.76307	1.03E-02	7.13E-05	1.99E-02	0.030202	1.05E-02	7.02E-05	2.21E-02	0.032654	9.98E-03	8.91E-05	4.24E-02	5.25E-02
5423	488193.16	3857297.8	0.70338	1.05555	0.78105	1.05E-02	7.45E-05	2.03E-02	0.030864	1.07E-02	7.34E-05	2.26E-02	0.033372	1.02E-02	9.31E-05	4.34E-02	5.37E-02
5424	488189.27	3857649.94	0.82363	0.93244	0.93537	1.23E-02	6.58E-05	2.43E-02	0.03666	1.25E-02	6.48E-05	2.71E-02	0.039658	1.19E-02	8.23E-05	5.20E-02	6.40E-02
5425	488127.43	3857732.32	0.89111	0.87211	1.02869	1.33E-02	6.16E-05	2.68E-02	0.040088	1.36E-02	6.06E-05	2.98E-02	0.043381	1.29E-02	7.69E-05	5.72E-02	7.01E-02
5426	488149.93	3857752.94	0.88344	0.82596	1.02265	1.31E-02	5.83E-05	2.66E-02	0.039813	1.34E-02	5.74E-05	2.96E-02	0.043086	1.28E-02	7.29E-05	5.68E-02	6.97E-02
5427	488144.76	3857758.71	0.88859	0.82114	1.03102	1.32E-02	5.80E-05	2.68E-02	0.040107	1.35E-02	5.71E-05	2.98E-02	0.043406	1.28E-02	7.25E-05	5.73E-02	7.02E-02
5428	488335.58	3857932.55	0.81876	0.52438	0.94441	1.22E-02	3.70E-05	2.46E-02	0.036794	1.25E-02	3.64E-05	2.73E-02	0.039817	1.18E-02	4.63E-05	5.25E-02	6.44E-02
5429	488372.29	3857943.79	0.80005	0.50475	0.91821	1.19E-02	3.56E-05	2.39E-02	0.035832	1.22E-02	3.51E-05	2.66E-02	0.038773	1.16E-02	4.45E-05	5.10E-02	6.26E-02
5430	488828.64	3857936.4	0.59439	0.41865	0.66262	8.85E-03	2.96E-05	1.72E-02	0.026116	9.04E-03	2.91E-05	1.92E-02	0.028243	8.59E-03	3.69E-05	3.68E-02	4.54E-02
5431	488829.08	3857959.58	0.59482	0.40641	0.66404	8.85E-03	2.87E-05	1.73E-02	0.026158	9.05E-03	2.82E-05	1.92E-02	0.02829	8.60E-03	3.59E-05	3.69E-02	4.55E-02
5432	488351.61	3857964.55	0.81706	0.49078	0.94191	1.22E-02	3.47E-05	2.45E-02	0.036701	1.24E-02	3.41E-05	2.73E-02	0.039717	1.18E-02	4.33E-05	5.23E-02	6.42E-02
5433	488316.87	3857947.65	0.83372	0.51455	0.96611	1.24E-02	3.63E-05	2.51E-02	0.03758	1.27E-02	3.58E-05	2.80E-02	0.040672	1.20E-02	4.54E-05	5.37E-02	6.58E-02
5434	488129.1	3857775.77	0.90489	0.8057	1.0563	1.35E-02	5.69E-05	2.75E-02	0.041007	1.38E-02	5.60E-05	3.06E-02	0.044385	1.31E-02	7.11E-05	5.87E-02	7.18E-02
5435	488062.53	3857846.13	0.98376	0.72923	1.17704	1.46E-02	5.15E-05	3.06E-02	0.045316	1.50E-02	5.07E-05	3.41E-02	0.049073	1.42E-02	6.43E-05	6.54E-02	7.97E-02
5436	488330.41	3858091.34	0.86382	0.39641	1.02229	1.29E-02	2.80E-05	2.66E-02	0.039482	1.31E-02	2.76E-05	2.96E-02	0.042748	1.25E-02	3.50E-05	5.68E-02	6.93E-02
5437	488470.87	3858174.45	0.78408	0.33127	0.89919	1.17E-02	2.34E-05	2.34E-02	0.035087	1.19E-02	2.30E-05	2.60E-02	0.037968	1.13E-02	2.92E-05	5.00E-02	6.13E-02
5438	488568.9	3858262.31	0.71661	0.28024	0.78299	1.07E-02	1.98E-05	2.04E-02	0.031057	1.09E-02	1.95E-05	2.27E-02	0.033576	1.04E-02	2.47E-05	4.35E-02	5.39E-02
5439	488964.27	3858025.71	0.54887	0.35588	0.61037	8.17E-03	2.51E-05	1.59E-02	0.024074	8.35E-03	2.47E-05	1.77E-02	0.026035	7.93E-03	3.14E-05	3.39E-02	4.19E-02
5440	489147.25	3857956.64	0.49818	0.36327	0.55542	7.42E-03	2.56E-05	1.44E-02	0.021891	7.58E-03	2.52E-05	1.61E-02	0.023674	7.20E-03	3.21E-05	3.09E-02	3.81E-02
5441	489343.52	3857932.45	0.45248	0.34616	0.50455	6.74E-03	2.44E-05	1.31E-02	0.019886	6.88E-03	2.41E-05	1.46E-02	0.021506	6.54E-03	3.05E-05	2.80E-02	3.46E-02
5442	489866.19	3857923.19	0.36084	0.28673	0.39761	5.37E-03	2.02E-05	1.03E-02	0.015735	5.49E-03	1.99E-05	1.15E-02	0.017014	5.21E-03	2.53E-05	2.21E-02	2.73E-02
5443	489955.65	3857902.27	0.34894	0.28057	0.38437	5.19E-03	1.98E-05	1.00E-02	0.015213	5.31E-03	1.95E-05	1.11E-02	0.016449	5.04E-03	2.48E-05	2.14E-02	2.64E-02
5444	490079.44	3857847.9	0.33676	0.2753	0.36933	5.01E-03	1.94E-05	9.61E-03	0.01464	5.12E-03	1.91E-05	1.07E-02	0.015828	4.87E-03	2.43E-05	2.05E-02	2.54E-02
5445	490108.49	3857934.13	0.32894	0.26137	0.35889	4.90E-03	1.85E-05	9.34E-03	0.014252	5.00E-03	1.82E-05	1.04E-02	0.015406	4.75E-03	2.31E-05	1.99E-02	2.47E-02
5446	489884.48	3858014.17	0.35326	0.26937	0.38582	5.26E-03	1.90E-05	1.00E-02	0.015315	5.37E-03	1.87E-05	1.12E-02	0.016556	5.10E-03	2.38E-05	2.14E-02	2.66E-02
5447	489326.56	3858025.86	0.4514	0.31897	0.50029	6.72E-03	2.25E-05	1.30E-02	0.019757	6.87E-03	2.22E-05	1.45E-02	0.021364	6.52E-03	2.81E-05	2.78E-02	3.44E-02
5448	489130.38	3858056.71	0.49709	0.32741	0.55376	7.40E-03	2.31E-05	1.44E-02	0.021829	7.56E-03	2.28E-05	1.60E-02	0.023607	7.18E-03	2.89E-05	3.08E-02	3.80E-02

5449	488936.49	3858143.93	0.55069	0.30744	0.60722	8.20E-03	2.17E-05	1.58E-02	0.024016	8.38E-03	2.14E-05	1.76E-02	0.025968	7.96E-03	2.71E-05	3.37E-02	4.17E-02
5450	488638.08	3858327.45	0.65815	0.25292	0.6947	9.80E-03	1.79E-05	1.81E-02	0.027888	1.00E-02	1.76E-05	2.01E-02	0.03013	9.51E-03	2.23E-05	3.86E-02	4.81E-02
5451	488663.79	3858349.57	0.63876	0.24484	0.66167	9.51E-03	1.73E-05	1.72E-02	0.026739	9.71E-03	1.70E-05	1.91E-02	0.028879	9.23E-03	2.16E-05	3.68E-02	4.60E-02
5452	488694.56	3858349.5	0.62231	0.24441	0.64279	9.26E-03	1.73E-05	1.67E-02	0.026003	9.46E-03	1.70E-05	1.86E-02	0.028082	8.99E-03	2.16E-05	3.57E-02	4.47E-02
5453	488694.35	3858336.75	0.62499	0.24875	0.65225	9.30E-03	1.76E-05	1.70E-02	0.026289	9.51E-03	1.73E-05	1.89E-02	0.028397	9.03E-03	2.19E-05	3.62E-02	4.53E-02
5454	488712.81	3858336.38	0.61566	0.24849	0.64165	9.16E-03	1.75E-05	1.67E-02	0.025875	9.36E-03	1.73E-05	1.86E-02	0.027948	8.90E-03	2.19E-05	3.57E-02	4.46E-02
5455	488713.23	3858367.46	0.60956	0.2381	0.61776	9.07E-03	1.68E-05	1.61E-02	0.025162	9.27E-03	1.65E-05	1.79E-02	0.027164	8.81E-03	2.10E-05	3.43E-02	4.32E-02
5456	488704.63	3858384.05	0.61114	0.23269	0.60802	9.10E-03	1.64E-05	1.58E-02	0.024931	9.29E-03	1.62E-05	1.76E-02	0.026905	8.83E-03	2.05E-05	3.38E-02	4.26E-02
5457	488604.15	3858488.29	0.66985	0.19839	0.54124	9.97E-03	1.40E-05	1.41E-02	0.024065	1.02E-02	1.38E-05	1.57E-02	0.025863	9.68E-03	1.75E-05	3.01E-02	3.98E-02
5458	488605.66	3858550.47	0.70213	0.18056	0.45973	1.05E-02	1.27E-05	1.20E-02	0.022424	1.07E-02	1.25E-05	1.33E-02	0.023994	1.01E-02	1.59E-05	2.55E-02	3.57E-02
5459	488692.68	3858548.71	0.63178	0.18285	0.44251	9.40E-03	1.29E-05	1.15E-02	0.020929	9.61E-03	1.27E-05	1.28E-02	0.022426	9.13E-03	1.61E-05	2.46E-02	3.37E-02
5460	488759.93	3858461.81	0.57751	0.20874	0.51184	8.60E-03	1.47E-05	1.33E-02	0.021927	8.78E-03	1.45E-05	1.48E-02	0.023609	8.35E-03	1.84E-05	2.84E-02	3.68E-02
5461	488816.57	3858541.79	0.55741	0.18719	0.42472	8.30E-03	1.32E-05	1.10E-02	0.01936	8.48E-03	1.30E-05	1.23E-02	0.020781	8.05E-03	1.65E-05	2.36E-02	3.17E-02
5462	488944.63	3858656.77	0.5275	0.16232	0.32699	7.85E-03	1.15E-05	8.51E-03	0.01637	8.02E-03	1.13E-05	9.46E-03	0.017496	7.62E-03	1.43E-05	1.82E-02	2.58E-02
5463	489134.91	3858830.7	0.44751	0.13368	0.23839	6.66E-03	9.44E-06	6.20E-03	0.012872	6.81E-03	9.29E-06	6.90E-03	0.013714	6.47E-03	1.18E-05	1.32E-02	1.97E-02
5464	489193.99	3858886.05	0.37834	0.12625	0.21884	5.63E-03	8.91E-06	5.69E-03	0.011334	5.75E-03	8.77E-06	6.33E-03	0.012095	5.47E-03	1.11E-05	1.22E-02	1.76E-02
5465	489295.2	3858954.34	0.29745	0.11831	0.19818	4.43E-03	8.35E-06	5.16E-03	0.009592	4.52E-03	8.22E-06	5.73E-03	0.010267	4.30E-03	1.04E-05	1.10E-02	1.53E-02
5466	489295.64	3858992.74	0.27372	0.11352	0.18795	4.07E-03	8.02E-06	4.89E-03	0.008972	4.16E-03	7.89E-06	5.44E-03	0.00961	3.96E-03	1.00E-05	1.04E-02	1.44E-02
5467	489183.74	3858911.72	0.3628	0.12253	0.21083	5.40E-03	8.65E-06	5.48E-03	0.010894	5.52E-03	8.52E-06	6.10E-03	0.011627	5.24E-03	1.08E-05	1.17E-02	1.70E-02
5468	488873.37	3858625.59	0.55341	0.16791	0.35309	8.24E-03	1.19E-05	9.19E-03	0.017435	8.42E-03	1.17E-05	1.02E-02	0.018646	8.00E-03	1.48E-05	1.96E-02	2.76E-02
5469	488842.84	3858658.69	0.59306	0.15981	0.33237	8.83E-03	1.13E-05	8.65E-03	0.017486	9.02E-03	1.11E-05	9.62E-03	0.018649	8.57E-03	1.41E-05	1.85E-02	2.71E-02
5470	488856.39	3858670.93	0.59177	0.15764	0.32401	8.81E-03	1.11E-05	8.43E-03	0.017249	9.00E-03	1.10E-05	9.38E-03	0.018387	8.55E-03	1.39E-05	1.80E-02	2.66E-02
5471	488805.7	3858724.5	0.71122	0.14621	0.29238	1.06E-02	1.03E-05	7.61E-03	0.018203	1.08E-02	1.02E-05	8.46E-03	0.019288	1.03E-02	1.29E-05	1.62E-02	2.65E-02
5472	488805.87	3858804.16	0.97299	0.13336	0.2493	1.45E-02	9.42E-06	6.49E-03	0.020978	1.48E-02	9.27E-06	7.21E-03	0.022021	1.41E-02	1.18E-05	1.39E-02	2.79E-02
5473	488995.78	3858936.96	0.43826	0.11746	0.20052	6.52E-03	8.29E-06	5.22E-03	0.011748	6.67E-03	8.16E-06	5.80E-03	0.012476	6.33E-03	1.04E-05	1.11E-02	1.75E-02
5474	489130.76	3859017.38	0.27711	0.10956	0.17992	4.12E-03	7.74E-06	4.68E-03	0.008813	4.21E-03	7.61E-06	5.21E-03	0.009429	4.00E-03	9.67E-06	1.00E-02	1.40E-02
5475	489130.92	3859052.24	0.24784	0.1063	0.1713	3.69E-03	7.51E-06	4.46E-03	0.008153	3.77E-03	7.39E-06	4.96E-03	0.008734	3.58E-03	9.38E-06	9.52E-03	1.31E-02
5476	489200.33	3859090.6	0.22194	0.10288	0.16336	3.30E-03	7.26E-06	4.25E-03	0.007561	3.38E-03	7.15E-06	4.73E-03	0.00811	3.21E-03	9.08E-06	9.08E-03	1.23E-02
5477	489296.07	3859143.7	0.19629	0.09845	0.15345	2.92E-03	6.95E-06	3.99E-03	0.006921	2.99E-03	6.84E-06	4.44E-03	0.007433	2.84E-03	8.69E-06	8.53E-03	1.14E-02
5478	489296.43	3858954.74	0.29694	0.11827	0.19806	4.42E-03	8.35E-06	5.15E-03	0.009581	4.52E-03	8.22E-06	5.73E-03	0.010256	4.29E-03	1.04E-05	1.10E-02	1.53E-02
5479	489410.33	3859033.19	0.2395	0.1102	0.17865	3.56E-03	7.78E-06	4.65E-03	0.00822	3.64E-03	7.66E-06	5.17E-03	0.00882	3.46E-03	9.72E-06	9.93E-03	1.34E-02
5480	489371.37	3859089.8	0.21746	0.10369	0.16564	3.24E-03	7.32E-06	4.31E-03	0.007553	3.31E-03	7.21E-06	4.79E-03	0.008108	3.14E-03	9.15E-06	9.20E-03	1.24E-02
5481	489390.52	3859102.82	0.21132	0.10256	0.16305	3.15E-03	7.24E-06	4.24E-03	0.007395	3.21E-03	7.13E-06	4.72E-03	0.007939	3.05E-03	9.05E-06	9.06E-03	1.21E-02
5482	489382.3	3859114.53	0.20696	0.1014	0.16057	3.08E-03	7.16E-06	4.18E-03	0.007265	3.15E-03	7.05E-06	4.65E-03	0.007801	2.99E-03	8.95E-06	8.92E-03	1.19E-02
5483	489363.04	3859102.45	0.21247	0.10242	0.1629	3.16E-03	7.23E-06	4.24E-03	0.007408	3.23E-03	7.12E-06	4.71E-03	0.007952	3.07E-03	9.04E-06	9.05E-03	1.21E-02
5484	489337.52	3859140.71	0.19746	0.09878	0.15458	2.94E-03	6.97E-06	4.02E-03	0.006968	3.00E-03	6.87E-06	4.47E-03	0.007483	2.85E-03	8.72E-06	8.59E-03	1.15E-02
5485	489375.14	3859164.55	0.18834	0.09693	0.15048	2.80E-03	6.84E-06	3.91E-03	0.006725	2.86E-03	6.74E-06	4.35E-03	0.007226	2.72E-03	8.55E-06	8.36E-03	1.11E-02
5486	489409.3	3859114.5	0.20612	0.10158	0.16082	3.07E-03	7.17E-06	4.18E-03	0.007259	3.13E-03	7.06E-06	4.65E-03	0.007796	2.98E-03	8.96E-06	8.94E-03	1.19E-02
5487	489434.87	3859131.81	0.19904	0.10018	0.15767	2.96E-03	7.07E-06	4.10E-03	0.007072	3.03E-03	6.96E-06	4.56E-03	0.007597	2.88E-03	8.84E-06	8.76E-03	1.16E-02
5488	489471.87	3859075.75	0.21771	0.10623	0.16959	3.24E-03	7.50E-06	4.41E-03	0.00766	3.31E-03	7.38E-06	4.91E-03	0.008226	3.15E-03	9.37E-06	9.42E-03	1.26E-02
5489	489602.62	3859164.69	0.18444	0.09864	0.15303	2.75E-03	6.96E-06	3.98E-03	0.006734	2.81E-03	6.86E-06	4.43E-03	0.00724	2.67E-03	8.70E-06	8.50E-03	1.12E-02
5490	489558.29	3859232.45	0.16741	0.09236	0.14087	2.49E-03	6.52E-06	3.66E-03	0.006163	2.55E-03	6.42E-06	4.08E-03	0.006629	2.42E-03	8.15E-06	7.83E-03	1.03E-02
5491	489620.11	3859273.56	0.15742	0.08946	0.13487	2.34E-03	6.32E-06	3.51E-03	0.005858	2.39E-03	6.22E-06	3.90E-03	0.006303	2.27E-03	7.89E-06	7.49E-03	9.78E-03
5492	489666.06	3859206.42	0.17253	0.09537	0.14615	2.57E-03	6.73E-06	3.80E-03	0.006377	2.62E-03	6.63E-06	4.23E-03	0.00686	2.49E-03	8.41E-06	8.12E-03	1.06E-02
5493	489787.9	3859285.65	0.15412	0.08972	0.13468	2.29E-03	6.33E-06	3.50E-03	0.005804	2.34E-03	6.24E-06	3.90E-03	0.006247	2.23E-03	7.92E-06	7.48E-03	9.72E-03
5494	489752.17	3859343.13	0.14338	0.08512	0.12616	2.13E-03	6.01E-06	3.28E-03	0.005422	2.18E-03	5.92E-06	3.65E-03	0.005837	2.07E-03	7.51E-06	7.01E-03	9.09E-03
5495	489814.94	3859385.33	0.13612	0.08258	0.12121	2.03E-03	5.83E-06	3.15E-03	0.005185	2.07E-03	5.74E-06	3.51E-03	0.005583	1.97E-03	7.29E-06	6.74E-03	8.71E-03

5496	489853.42	3859330.74	0.14546	0.08673	0.1288	2.17E-03	6.12E-06	3.35E-03	0.005522	2.21E-03	6.03E-06	3.73E-03	0.005945	2.10E-03	7.65E-06	7.16E-03	9.27E-03
5497	489969.5	3859401.91	0.13366	0.08243	0.12052	1.99E-03	5.82E-06	3.14E-03	0.005131	2.03E-03	5.73E-06	3.49E-03	0.005526	1.93E-03	7.27E-06	6.70E-03	8.64E-03
5498	490166.91	3859486.96	0.12174	0.078	0.11191	1.81E-03	5.51E-06	2.91E-03	0.004729	1.85E-03	5.42E-06	3.24E-03	0.005095	1.76E-03	6.88E-06	6.22E-03	7.98E-03
5499	490128.86	3859571.46	0.11143	0.07264	0.10275	1.66E-03	5.13E-06	2.67E-03	0.004337	1.69E-03	5.05E-06	2.97E-03	0.004673	1.61E-03	6.41E-06	5.71E-03	7.33E-03
5500	490186.65	3859593.65	0.10922	0.07172	0.10112	1.63E-03	5.06E-06	2.63E-03	0.004262	1.66E-03	4.98E-06	2.93E-03	0.004592	1.58E-03	6.33E-06	5.62E-03	7.20E-03
5501	490223.74	3859517.48	0.11806	0.07648	0.10912	1.76E-03	5.40E-06	2.84E-03	0.004602	1.80E-03	5.32E-06	3.16E-03	0.004959	1.71E-03	6.75E-06	6.06E-03	7.78E-03
5502	490846.34	3859817.22	0.09177	0.06481	0.08847	1.37E-03	4.58E-06	2.30E-03	0.003672	1.40E-03	4.50E-06	2.56E-03	0.00396	1.33E-03	5.72E-06	4.92E-03	6.25E-03
5503	490925.65	3859844.59	0.08997	0.06406	0.0871	1.34E-03	4.52E-06	2.27E-03	0.00361	1.37E-03	4.45E-06	2.52E-03	0.003893	1.30E-03	5.65E-06	4.84E-03	6.15E-03
5504	491159.29	3859896.28	0.08642	0.06273	0.08428	1.29E-03	4.43E-06	2.19E-03	0.003483	1.31E-03	4.36E-06	2.44E-03	0.003758	1.25E-03	5.53E-06	4.68E-03	5.94E-03
5505	491370.69	3859960.89	0.0821	0.06051	0.08037	1.22E-03	4.27E-06	2.09E-03	0.003317	1.25E-03	4.21E-06	2.33E-03	0.003579	1.19E-03	5.34E-06	4.47E-03	5.66E-03
5506	491330.28	3860063.17	0.0762	0.05598	0.07411	1.13E-03	3.95E-06	1.93E-03	0.003066	1.16E-03	3.89E-06	2.14E-03	0.003307	1.10E-03	4.94E-06	4.12E-03	5.22E-03
5507	491636.45	3860180.75	0.07091	0.05324	0.06962	1.06E-03	3.76E-06	1.81E-03	0.00287	1.08E-03	3.70E-06	2.01E-03	0.003097	1.02E-03	4.70E-06	3.87E-03	4.90E-03
5508	491617.94	3860203.93	0.06976	0.05233	0.0684	1.04E-03	3.69E-06	1.78E-03	0.002822	1.06E-03	3.64E-06	1.98E-03	0.003044	1.01E-03	4.62E-06	3.80E-03	4.81E-03
5509	491805.68	3860271.59	0.06703	0.05087	0.06603	9.98E-04	3.59E-06	1.72E-03	0.002719	1.02E-03	3.54E-06	1.91E-03	0.002934	9.69E-04	4.49E-06	3.67E-03	4.64E-03
5510	491654.23	3860414.02	0.06073	0.04612	0.05946	9.04E-04	3.26E-06	1.55E-03	0.002454	9.24E-04	3.21E-06	1.72E-03	0.002647	8.78E-04	4.07E-06	3.30E-03	4.19E-03
5511	491592.62	3860510.76	0.05627	0.04324	0.05504	8.38E-04	3.05E-06	1.43E-03	0.002273	8.56E-04	3.01E-06	1.59E-03	0.002452	8.13E-04	3.82E-06	3.06E-03	3.88E-03
5512	491475.41	3860368.93	0.06129	0.0463	0.0597	9.12E-04	3.27E-06	1.55E-03	0.002469	9.32E-04	3.22E-06	1.73E-03	0.002663	8.86E-04	4.09E-06	3.32E-03	4.21E-03
5513	491445.61	3860337.28	0.06252	0.04706	0.06084	9.31E-04	3.32E-06	1.58E-03	0.002517	9.51E-04	3.27E-06	1.76E-03	0.002715	9.03E-04	4.15E-06	3.38E-03	4.29E-03
5514	491399.05	3860300.37	0.06407	0.048	0.06228	9.54E-04	3.39E-06	1.62E-03	0.002577	9.74E-04	3.34E-06	1.80E-03	0.00278	9.26E-04	4.24E-06	3.46E-03	4.39E-03
5515	491228.84	3860235.98	0.06633	0.04931	0.06423	9.87E-04	3.48E-06	1.67E-03	0.002662	1.01E-03	3.43E-06	1.86E-03	0.002871	9.58E-04	4.35E-06	3.57E-03	4.53E-03
5516	491228.47	3860174.57	0.0696	0.05132	0.06735	1.04E-03	3.62E-06	1.75E-03	0.002792	1.06E-03	3.57E-06	1.95E-03	0.003011	1.01E-03	4.53E-06	3.74E-03	4.75E-03
5517	491145.77	3860112.55	0.07283	0.05325	0.07035	1.08E-03	3.76E-06	1.83E-03	0.002918	1.11E-03	3.70E-06	2.04E-03	0.003147	1.05E-03	4.70E-06	3.91E-03	4.97E-03
5518	490844.41	3859966.22	0.08104	0.05797	0.07789	1.21E-03	4.09E-06	2.03E-03	0.003237	1.23E-03	4.03E-06	2.25E-03	0.00349	1.17E-03	5.11E-06	4.33E-03	5.50E-03
5519	490845.55	3859928.15	0.08364	0.05955	0.08041	1.24E-03	4.20E-06	2.09E-03	0.003341	1.27E-03	4.14E-06	2.33E-03	0.003603	1.21E-03	5.25E-06	4.47E-03	5.68E-03
5520	490046.91	3859625.6	0.10465	0.06971	0.09703	1.56E-03	4.92E-06	2.52E-03	0.004087	1.59E-03	4.85E-06	2.81E-03	0.004404	1.51E-03	6.15E-06	5.39E-03	6.91E-03
5521	489970.48	3859589.4	0.10817	0.0714	0.09988	1.61E-03	5.04E-06	2.60E-03	0.004214	1.65E-03	4.96E-06	2.89E-03	0.00454	1.56E-03	6.30E-06	5.55E-03	7.12E-03
5522	489865.89	3859529.06	0.11479	0.07438	0.10513	1.71E-03	5.25E-06	2.74E-03	0.004449	1.75E-03	5.17E-06	3.04E-03	0.004793	1.66E-03	6.56E-06	5.84E-03	7.51E-03
5523	489826.89	3859531.74	0.11409	0.07428	0.10461	1.70E-03	5.24E-06	2.72E-03	0.004425	1.74E-03	5.16E-06	3.03E-03	0.004767	1.65E-03	6.55E-06	5.81E-03	7.47E-03
5524	489410.47	3859303.06	0.14846	0.08725	0.12822	2.21E-03	6.16E-06	3.34E-03	0.005552	2.26E-03	6.06E-06	3.71E-03	0.005974	2.15E-03	7.70E-06	7.12E-03	9.28E-03
5525	489407.15	3859286.09	0.15235	0.08828	0.13057	2.27E-03	6.23E-06	3.40E-03	0.005671	2.32E-03	6.14E-06	3.78E-03	0.006102	2.20E-03	7.79E-06	7.26E-03	9.46E-03
5526	488806.07	3858963.62	0.36483	0.11553	0.18933	5.43E-03	8.16E-06	4.93E-03	0.010364	5.55E-03	8.03E-06	5.48E-03	0.011035	5.27E-03	1.02E-05	1.05E-02	1.58E-02
5527	488817.64	3859546.3	0.11925	0.07859	0.10734	1.78E-03	5.55E-06	2.79E-03	0.004573	1.81E-03	5.46E-06	3.11E-03	0.004925	1.72E-03	6.93E-06	5.96E-03	7.69E-03
5528	489187.25	3859549.52	0.11658	0.07797	0.10607	1.74E-03	5.51E-06	2.76E-03	0.0045	1.77E-03	5.42E-06	3.07E-03	0.004848	1.68E-03	6.88E-06	5.89E-03	7.59E-03
5529	489187.66	3859523.74	0.11917	0.07904	0.10799	1.77E-03	5.58E-06	2.81E-03	0.004589	1.81E-03	5.49E-06	3.12E-03	0.004943	1.72E-03	6.97E-06	6.00E-03	7.73E-03
5530	489232.59	3859522.85	0.11876	0.07879	0.10773	1.77E-03	5.56E-06	2.80E-03	0.004576	1.81E-03	5.48E-06	3.12E-03	0.004929	1.72E-03	6.95E-06	5.99E-03	7.71E-03
5531	489224.98	3859759.91	0.09875	0.06945	0.09192	1.47E-03	4.90E-06	2.39E-03	0.003866	1.50E-03	4.83E-06	2.66E-03	0.004167	1.43E-03	6.13E-06	5.11E-03	6.54E-03
5532	488401.39	3859763.34	0.09699	0.06597	0.08664	1.44E-03	4.66E-06	2.25E-03	0.003702	1.48E-03	4.59E-06	2.51E-03	0.003987	1.40E-03	5.82E-06	4.81E-03	6.22E-03
5533	488405.51	3859966.16	0.08336	0.05839	0.07539	1.24E-03	4.12E-06	1.96E-03	0.003206	1.27E-03	4.06E-06	2.18E-03	0.003453	1.20E-03	5.15E-06	4.19E-03	5.40E-03
5534	489202.85	3859956.57	0.08624	0.06229	0.0811	1.28E-03	4.40E-06	2.11E-03	0.003398	1.31E-03	4.33E-06	2.35E-03	0.003663	1.25E-03	5.50E-06	4.51E-03	5.76E-03
5535	489191.9	3860676.74	0.05575	0.04278	0.05261	8.30E-04	3.02E-06	1.37E-03	0.002202	8.48E-04	2.97E-06	1.52E-03	0.002373	8.06E-04	3.77E-06	2.92E-03	3.73E-03
5536	488392.82	3860687.88	0.05481	0.04051	0.05049	8.16E-04	2.86E-06	1.31E-03	0.002132	8.34E-04	2.82E-06	1.46E-03	0.002297	7.92E-04	3.57E-06	2.81E-03	3.60E-03
5537	488392.82	3860760.27	0.05315	0.03948	0.04904	7.91E-04	2.79E-06	1.28E-03	0.00207	8.08E-04	2.74E-06	1.42E-03	0.00223	7.68E-04	3.48E-06	2.72E-03	3.50E-03
5538	487549.05	3860777.45	0.05152	0.03848	0.04642	7.67E-04	2.72E-06	1.21E-03	0.001977	7.84E-04	2.67E-06	1.34E-03	0.00213	7.44E-04	3.40E-06	2.58E-03	3.33E-03
5539	487554.62	3859571.83	0.10687	0.07023	0.09418	1.59E-03	4.96E-06	2.45E-03	0.004046	1.63E-03	4.88E-06	2.73E-03	0.004356	1.54E-03	6.20E-06	5.23E-03	6.78E-03
5540	485949.46	3859558.54	0.09234	0.0686	0.08393	1.37E-03	4.84E-06	2.18E-03	0.003563	1.40E-03	4.77E-06	2.43E-03	0.003838	1.33E-03	6.05E-06	4.66E-03	6.00E-03
5541	485947.55	3857943.61	0.34288	0.26137	0.30628	5.10E-03	1.85E-05	7.97E-03	0.01309	5.21E-03	1.82E-05	8.86E-03	0.014096	4.95E-03	2.31E-05	1.70E-02	2.20E-02
5542	484738.38	3857940.21	0.18731	0.1221	0.17075	2.79E-03	8.62E-06	4.44E-03	0.007239	2.85E-03	8.49E-06	4.94E-03	0.007798	2.71E-03	1.08E-05	9.49E-03	1.22E-02

5543	484737.06	3857535.68	0.24299	0.1392	0.2192	3.62E-03	9.83E-06	5.70E-03	0.009329	3.70E-03	9.67E-06	6.34E-03	0.010048	3.51E-03	1.23E-05	1.22E-02	1.57E-02
5544	483730.2	3857530.13	0.15933	0.10695	0.14762	2.37E-03	7.55E-06	3.84E-03	0.00622	2.42E-03	7.43E-06	4.27E-03	0.006702	2.30E-03	9.44E-06	8.20E-03	1.05E-02
5545	483727.27	3857130.01	0.19375	0.13096	0.17908	2.88E-03	9.25E-06	4.66E-03	0.007552	2.95E-03	9.10E-06	5.18E-03	0.008138	2.80E-03	1.16E-05	9.95E-03	1.28E-02
5546	483124.42	3857123.45	0.15086	0.12843	0.14205	2.25E-03	9.07E-06	3.70E-03	0.00595	2.29E-03	8.93E-06	4.11E-03	0.006414	2.18E-03	1.13E-05	7.89E-03	1.01E-02
5547	483111.13	3855921.03	0.25494	0.33785	0.24366	3.79E-03	2.39E-05	6.34E-03	0.010158	3.88E-03	2.35E-05	7.05E-03	0.010952	3.68E-03	2.98E-05	1.35E-02	1.73E-02
5548	482701.73	3855918.24	0.19636	0.27027	0.1927	2.92E-03	1.91E-05	5.01E-03	0.007955	2.99E-03	1.88E-05	5.58E-03	0.008581	2.84E-03	2.38E-05	1.07E-02	1.36E-02
5549	482668.02	3853521.78	0.17625	0.12109	0.0998	2.62E-03	8.55E-06	2.60E-03	0.005228	2.68E-03	8.42E-06	2.89E-03	0.005577	2.55E-03	1.07E-05	5.55E-03	8.10E-03
5550	482579.91	3853219.19	0.08129	0.08622	0.06683	1.21E-03	6.09E-06	1.74E-03	0.002955	1.24E-03	5.99E-06	1.93E-03	0.003176	1.17E-03	7.61E-06	3.71E-03	4.90E-03
5551	482434.06	3852961.94	0.06143	0.0692	0.05375	9.14E-04	4.89E-06	1.40E-03	0.002318	9.34E-04	4.81E-06	1.56E-03	0.002494	8.88E-04	6.11E-06	2.99E-03	3.88E-03
5552	482332.11	3852832.85	0.05553	0.06292	0.04926	8.27E-04	4.44E-06	1.28E-03	0.002113	8.45E-04	4.37E-06	1.43E-03	0.002274	8.02E-04	5.55E-06	2.74E-03	3.55E-03
5553	481334.99	3851818.96	0.03238	0.03573	0.02986	4.82E-04	2.52E-06	7.77E-04	0.001261	4.92E-04	2.48E-06	8.64E-04	0.001359	4.68E-04	3.15E-06	1.66E-03	2.13E-03
5554	481127.62	3851646.36	0.03024	0.03289	0.028	4.50E-04	2.32E-06	7.28E-04	0.001181	4.60E-04	2.29E-06	8.10E-04	0.001272	4.37E-04	2.90E-06	1.56E-03	2.00E-03
5555	481025.04	3851591.73	0.02968	0.03251	0.02759	4.42E-04	2.30E-06	7.18E-04	0.001162	4.51E-04	2.26E-06	7.98E-04	0.001252	4.29E-04	2.87E-06	1.53E-03	1.96E-03
5556	480513.6	3851335.76	0.02692	0.03139	0.02587	4.01E-04	2.22E-06	6.73E-04	0.001076	4.09E-04	2.18E-06	7.49E-04	0.00116	3.89E-04	2.77E-06	1.44E-03	1.83E-03
5557	480523.56	3851317.66	0.02676	0.03102	0.02567	3.98E-04	2.19E-06	6.68E-04	0.001068	4.07E-04	2.16E-06	7.43E-04	0.001152	3.87E-04	2.74E-06	1.43E-03	1.82E-03
5558	476921.56	3849569.11	0.0096	0.01031	0.00897	1.43E-04	7.28E-07	2.33E-04	0.000377	1.46E-04	7.17E-07	2.60E-04	0.000406	1.39E-04	9.10E-07	4.98E-04	6.38E-04
5559	476521.19	3849373.96	0.00904	0.00978	0.00854	1.35E-04	6.91E-07	2.22E-04	0.000357	1.37E-04	6.80E-07	2.47E-04	0.000385	1.31E-04	8.63E-07	4.75E-04	6.06E-04
5560	476391.45	3849333.38	0.00901	0.00975	0.00852	1.34E-04	6.88E-07	2.22E-04	0.000356	1.37E-04	6.78E-07	2.47E-04	0.000384	1.30E-04	8.60E-07	4.73E-04	6.04E-04
5561	476219.41	3849304.29	0.00904	0.00977	0.00856	1.35E-04	6.90E-07	2.23E-04	0.000358	1.37E-04	6.79E-07	2.48E-04	0.000386	1.31E-04	8.62E-07	4.76E-04	6.07E-04
5562	475679.11	3849218.47	0.00879	0.00948	0.00842	1.31E-04	6.69E-07	2.19E-04	0.000351	1.34E-04	6.59E-07	2.44E-04	0.000378	1.27E-04	8.36E-07	4.68E-04	5.96E-04
5563	475677.71	3849233.88	0.00886	0.00956	0.00848	1.32E-04	6.75E-07	2.21E-04	0.000353	1.35E-04	6.64E-07	2.45E-04	0.000381	1.28E-04	8.44E-07	4.71E-04	6.00E-04
5564	475492.74	3849204.66	0.00773	0.00829	0.00752	1.15E-04	5.85E-07	1.96E-04	0.000311	1.18E-04	5.76E-07	2.18E-04	0.000336	1.12E-04	7.31E-07	4.18E-04	5.30E-04
5565	475497.64	3849158.75	0.00804	0.00864	0.00778	1.20E-04	6.10E-07	2.02E-04	0.000323	1.22E-04	6.01E-07	2.25E-04	0.000348	1.16E-04	7.62E-07	4.32E-04	5.49E-04
5566	475391.35	3849141.94	0.00837	0.00902	0.00807	1.25E-04	6.37E-07	2.10E-04	0.000335	1.27E-04	6.27E-07	2.34E-04	0.000361	1.21E-04	7.96E-07	4.48E-04	5.70E-04
5567	475277	3849095.47	0.00839	0.00904	0.00808	1.25E-04	6.38E-07	2.10E-04	0.000336	1.28E-04	6.28E-07	2.34E-04	0.000362	1.21E-04	7.98E-07	4.49E-04	5.71E-04
5568	475183.93	3849025.66	0.00822	0.00885	0.00792	1.22E-04	6.25E-07	2.06E-04	0.000329	1.25E-04	6.15E-07	2.29E-04	0.000355	1.19E-04	7.81E-07	4.40E-04	5.60E-04
5569	474453.23	3848378.77	0.00712	0.00756	0.00684	1.06E-04	5.34E-07	1.78E-04	0.000284	1.08E-04	5.25E-07	1.98E-04	0.000307	1.03E-04	6.67E-07	3.80E-04	4.84E-04
5570	474569.63	3848399.34	0.00702	0.00746	0.00675	1.04E-04	5.27E-07	1.76E-04	0.000281	1.07E-04	5.18E-07	1.95E-04	0.000303	1.01E-04	6.58E-07	3.75E-04	4.77E-04
5571	474644.33	3848464.52	0.00715	0.00761	0.00688	1.06E-04	5.37E-07	1.79E-04	0.000286	1.09E-04	5.29E-07	1.99E-04	0.000308	1.03E-04	6.71E-07	3.82E-04	4.86E-04
5572	474719.04	3848529.7	0.00726	0.00773	0.00698	1.08E-04	5.46E-07	1.82E-04	0.00029	1.10E-04	5.37E-07	2.02E-04	0.000313	1.05E-04	6.82E-07	3.88E-04	4.93E-04
5573	474793.74	3848594.88	0.0073	0.00779	0.00704	1.09E-04	5.50E-07	1.83E-04	0.000292	1.11E-04	5.41E-07	2.04E-04	0.000315	1.05E-04	6.87E-07	3.91E-04	4.97E-04
5574	474868.45	3848660.07	0.00729	0.00779	0.00704	1.09E-04	5.50E-07	1.83E-04	0.000292	1.11E-04	5.41E-07	2.04E-04	0.000315	1.05E-04	6.87E-07	3.91E-04	4.97E-04
5575	474943.15	3848725.25	0.00735	0.00785	0.0071	1.09E-04	5.54E-07	1.85E-04	0.000295	1.12E-04	5.46E-07	2.05E-04	0.000318	1.06E-04	6.93E-07	3.95E-04	5.01E-04
5576	475017.86	3848790.43	0.0075	0.00803	0.00725	1.12E-04	5.67E-07	1.89E-04	0.000301	1.14E-04	5.58E-07	2.10E-04	0.000324	1.08E-04	7.09E-07	4.03E-04	5.12E-04
5577	475092.56	3848855.61	0.0077	0.00825	0.00743	1.15E-04	5.83E-07	1.93E-04	0.000308	1.17E-04	5.73E-07	2.15E-04	0.000333	1.11E-04	7.28E-07	4.13E-04	5.25E-04
5578	475232.58	3848959.38	0.00796	0.00854	0.00767	1.18E-04	6.03E-07	2.00E-04	0.000319	1.21E-04	5.94E-07	2.22E-04	0.000344	1.15E-04	7.54E-07	4.26E-04	5.42E-04
5579	475368.47	3849029.98	0.00802	0.00862	0.00774	1.19E-04	6.09E-07	2.01E-04	0.000321	1.22E-04	5.99E-07	2.24E-04	0.000347	1.16E-04	7.61E-07	4.30E-04	5.47E-04
5580	475609.57	3849096.09	0.00799	0.00859	0.00771	1.19E-04	6.07E-07	2.01E-04	0.00032	1.22E-04	5.97E-07	2.23E-04	0.000345	1.15E-04	7.58E-07	4.28E-04	5.45E-04
5581	475680.68	3849116.62	0.00821	0.00884	0.00789	1.22E-04	6.24E-07	2.05E-04	0.000328	1.25E-04	6.14E-07	2.28E-04	0.000354	1.19E-04	7.80E-07	4.38E-04	5.58E-04
5582	475843.76	3849151.52	0.00841	0.00906	0.00805	1.25E-04	6.40E-07	2.09E-04	0.000335	1.28E-04	6.30E-07	2.33E-04	0.000361	1.22E-04	7.99E-07	4.47E-04	5.70E-04
5583	475935.73	3849165.89	0.00861	0.00928	0.0082	1.28E-04	6.55E-07	2.13E-04	0.000342	1.31E-04	6.45E-07	2.37E-04	0.000369	1.24E-04	8.19E-07	4.56E-04	5.81E-04
5584	476027.71	3849180.27	0.00874	0.00941	0.00829	1.30E-04	6.64E-07	2.16E-04	0.000346	1.33E-04	6.54E-07	2.40E-04	0.000373	1.26E-04	8.30E-07	4.61E-04	5.88E-04
5585	476119.68	3849194.64	0.00855	0.00925	0.00815	1.27E-04	6.53E-07	2.12E-04	0.00034	1.30E-04	6.43E-07	2.36E-04	0.000367	1.24E-04	8.16E-07	4.53E-04	5.77E-04
5586	476211.65	3849209.01	0.0085	0.0092	0.0081	1.27E-04	6.50E-07	2.11E-04	0.000338	1.29E-04	6.39E-07	2.34E-04	0.000364	1.23E-04	8.12E-07	4.50E-04	5.74E-04
5587	476497.8	3849283.9	0.00856	0.00926	0.00812	1.27E-04	6.54E-07	2.11E-04	0.000339	1.30E-04	6.44E-07	2.35E-04	0.000366	1.24E-04	8.17E-07	4.51E-04	5.76E-04
5588	476603.73	3849323.77	0.00867	0.00936	0.00821	1.29E-04	6.61E-07	2.14E-04	0.000343	1.32E-04	6.51E-07	2.38E-04	0.00037	1.25E-04	8.26E-07	4.56E-04	5.82E-04
5589	476728.99	3849382.76	0.00882	0.0095	0.00833	1.31E-04	6.71E-07	2.17E-04	0.000349	1.34E-04	6.60E-07	2.41E-04	0.000376	1.27E-04	8.38E-07	4.63E-04	5.91E-04

5590	476801.27	3849418.65	0.00893	0.0096	0.00842	1.33E-04	6.78E-07	2.19E-04	0.000353	1.36E-04	6.67E-07	2.44E-04	0.00038	1.29E-04	8.47E-07	4.68E-04	5.98E-04
5591	476956.2	3849495.05	0.00918	0.00981	0.00861	1.37E-04	6.93E-07	2.24E-04	0.000361	1.40E-04	6.82E-07	2.49E-04	0.000389	1.33E-04	8.66E-07	4.78E-04	6.12E-04
5592	477038.84	3849535.56	0.00924	0.00986	0.00867	1.38E-04	6.96E-07	2.26E-04	0.000364	1.41E-04	6.85E-07	2.51E-04	0.000392	1.34E-04	8.70E-07	4.82E-04	6.16E-04
5593	477121.48	3849576.08	0.00938	0.00998	0.00878	1.40E-04	7.05E-07	2.28E-04	0.000369	1.43E-04	6.94E-07	2.54E-04	0.000397	1.36E-04	8.81E-07	4.88E-04	6.24E-04
5594	477204.13	3849616.6	0.00946	0.01004	0.00885	1.41E-04	7.09E-07	2.30E-04	0.000372	1.44E-04	6.98E-07	2.56E-04	0.000401	1.37E-04	8.86E-07	4.92E-04	6.29E-04
5595	477286.78	3849657.12	0.00936	0.00994	0.0088	1.39E-04	7.02E-07	2.29E-04	0.000369	1.42E-04	6.91E-07	2.55E-04	0.000398	1.35E-04	8.77E-07	4.89E-04	6.25E-04
5596	477369.42	3849697.63	0.00974	0.01028	0.00909	1.45E-04	7.26E-07	2.36E-04	0.000382	1.48E-04	7.14E-07	2.63E-04	0.000412	1.41E-04	9.07E-07	5.05E-04	6.47E-04
5597	477452.07	3849738.15	0.00985	0.01037	0.0092	1.47E-04	7.32E-07	2.39E-04	0.000387	1.50E-04	7.21E-07	2.66E-04	0.000417	1.42E-04	9.15E-07	5.11E-04	6.54E-04
5598	477534.71	3849778.67	0.01019	0.01065	0.00945	1.52E-04	7.52E-07	2.46E-04	0.000398	1.55E-04	7.40E-07	2.73E-04	0.000429	1.47E-04	9.40E-07	5.25E-04	6.73E-04
5599	477617.35	3849819.18	0.01034	0.01079	0.00959	1.54E-04	7.62E-07	2.49E-04	0.000404	1.57E-04	7.50E-07	2.78E-04	0.000436	1.49E-04	9.52E-07	5.33E-04	6.83E-04
5600	477824.74	3849896.37	0.01097	0.01132	0.01013	1.63E-04	7.99E-07	2.64E-04	0.000428	1.67E-04	7.87E-07	2.93E-04	0.000461	1.59E-04	9.99E-07	5.63E-04	7.22E-04
5601	477906.31	3849936.37	0.01089	0.01131	0.01016	1.62E-04	7.99E-07	2.64E-04	0.000427	1.66E-04	7.86E-07	2.94E-04	0.00046	1.57E-04	9.98E-07	5.65E-04	7.23E-04
5602	477987.89	3849976.36	0.01126	0.01167	0.01048	1.68E-04	8.24E-07	2.73E-04	0.000441	1.71E-04	8.11E-07	3.03E-04	0.000475	1.63E-04	1.03E-06	5.82E-04	7.46E-04
5603	478069.47	3850016.36	0.01133	0.01179	0.01062	1.69E-04	8.32E-07	2.76E-04	0.000446	1.72E-04	8.19E-07	3.07E-04	0.00048	1.64E-04	1.04E-06	5.90E-04	7.55E-04
5604	478151.04	3850056.35	0.01145	0.01193	0.01077	1.70E-04	8.42E-07	2.80E-04	0.000451	1.74E-04	8.29E-07	3.12E-04	0.000487	1.65E-04	1.05E-06	5.98E-04	7.65E-04
5605	478232.62	3850096.35	0.01179	0.01231	0.01111	1.75E-04	8.69E-07	2.89E-04	0.000465	1.79E-04	8.56E-07	3.21E-04	0.000502	1.70E-04	1.09E-06	6.17E-04	7.89E-04
5606	478314.2	3850136.34	0.0122	0.01277	0.0115	1.82E-04	9.02E-07	2.99E-04	0.000482	1.86E-04	8.88E-07	3.33E-04	0.000519	1.76E-04	1.13E-06	6.39E-04	8.16E-04
5607	478395.77	3850176.34	0.01263	0.01328	0.01193	1.88E-04	9.38E-07	3.10E-04	0.000499	1.92E-04	9.23E-07	3.45E-04	0.000538	1.83E-04	1.17E-06	6.63E-04	8.47E-04
5608	478575.43	3850244.45	0.01377	0.01469	0.01307	2.05E-04	1.04E-06	3.40E-04	0.000546	2.09E-04	1.02E-06	3.78E-04	0.000589	1.99E-04	1.30E-06	7.26E-04	9.27E-04
5609	478665.06	3850287.29	0.01436	0.01545	0.01366	2.14E-04	1.09E-06	3.55E-04	0.00057	2.18E-04	1.07E-06	3.95E-04	0.000615	2.08E-04	1.36E-06	7.59E-04	9.68E-04
5610	478754.69	3850330.14	0.01499	0.01628	0.0143	2.23E-04	1.15E-06	3.72E-04	0.000596	2.28E-04	1.13E-06	4.14E-04	0.000643	2.17E-04	1.44E-06	7.95E-04	1.01E-03
5611	478844.32	3850372.99	0.01569	0.01719	0.01499	2.34E-04	1.21E-06	3.90E-04	0.000625	2.39E-04	1.19E-06	4.34E-04	0.000674	2.27E-04	1.52E-06	8.33E-04	1.06E-03
5612	478933.95	3850415.84	0.01643	0.01817	0.01571	2.45E-04	1.28E-06	4.09E-04	0.000655	2.50E-04	1.26E-06	4.55E-04	0.000706	2.37E-04	1.60E-06	8.73E-04	1.11E-03
5613	479023.58	3850458.68	0.01696	0.01896	0.01631	2.52E-04	1.34E-06	4.24E-04	0.000678	2.58E-04	1.32E-06	4.72E-04	0.000731	2.45E-04	1.67E-06	9.06E-04	1.15E-03
5614	479110.66	3850441.9	0.01776	0.02024	0.01724	2.64E-04	1.43E-06	4.49E-04	0.000714	2.70E-04	1.41E-06	4.99E-04	0.00077	2.57E-04	1.79E-06	9.58E-04	1.22E-03
5615	479191.22	3850423.99	0.01833	0.02116	0.01793	2.73E-04	1.49E-06	4.66E-04	0.000741	2.79E-04	1.47E-06	5.19E-04	0.000799	2.65E-04	1.87E-06	9.96E-04	1.26E-03
5616	479274.32	3850465.71	0.01879	0.02181	0.01844	2.80E-04	1.54E-06	4.80E-04	0.000761	2.86E-04	1.52E-06	5.34E-04	0.000821	2.72E-04	1.92E-06	1.02E-03	1.30E-03
5617	479357.43	3850507.42	0.01914	0.02233	0.01886	2.85E-04	1.58E-06	4.91E-04	0.000777	2.91E-04	1.55E-06	5.46E-04	0.000838	2.77E-04	1.97E-06	1.05E-03	1.33E-03
5618	479440.53	3850549.14	0.01944	0.02275	0.01923	2.89E-04	1.61E-06	5.00E-04	0.000791	2.96E-04	1.58E-06	5.56E-04	0.000854	2.81E-04	2.01E-06	1.07E-03	1.35E-03
5619	479523.64	3850590.85	0.01978	0.02319	0.01961	2.94E-04	1.64E-06	5.10E-04	0.000806	3.01E-04	1.61E-06	5.67E-04	0.00087	2.86E-04	2.05E-06	1.09E-03	1.38E-03
5620	479606.74	3850632.57	0.02017	0.02368	0.02001	3.00E-04	1.67E-06	5.21E-04	0.000822	3.07E-04	1.65E-06	5.79E-04	0.000887	2.91E-04	2.09E-06	1.11E-03	1.41E-03
5621	479777.37	3850707.61	0.0208	0.02442	0.02064	3.10E-04	1.72E-06	5.37E-04	0.000848	3.16E-04	1.70E-06	5.97E-04	0.000915	3.01E-04	2.15E-06	1.15E-03	1.45E-03
5622	479864.9	3850740.95	0.02112	0.02476	0.02094	3.14E-04	1.75E-06	5.45E-04	0.000861	3.21E-04	1.72E-06	6.06E-04	0.000929	3.05E-04	2.18E-06	1.16E-03	1.47E-03
5623	479931.87	3850829.56	0.02181	0.0257	0.02161	3.25E-04	1.81E-06	5.62E-04	0.000889	3.32E-04	1.79E-06	6.25E-04	0.000959	3.15E-04	2.27E-06	1.20E-03	1.52E-03
5624	479995.55	3850926.75	0.02272	0.02693	0.02244	3.38E-04	1.90E-06	5.84E-04	0.000924	3.46E-04	1.87E-06	6.49E-04	0.000997	3.28E-04	2.38E-06	1.25E-03	1.58E-03
5625	480079.78	3850968.64	0.02323	0.02745	0.02284	3.46E-04	1.94E-06	5.94E-04	0.000942	3.53E-04	1.91E-06	6.61E-04	0.001016	3.36E-04	2.42E-06	1.27E-03	1.61E-03
5626	480164.01	3851010.54	0.0237	0.02785	0.02319	3.53E-04	1.97E-06	6.03E-04	0.000958	3.60E-04	1.94E-06	6.71E-04	0.001033	3.42E-04	2.46E-06	1.29E-03	1.63E-03
5627	480248.23	3851052.43	0.02417	0.02816	0.0235	3.60E-04	1.99E-06	6.11E-04	0.000973	3.68E-04	1.96E-06	6.80E-04	0.00105	3.49E-04	2.48E-06	1.31E-03	1.66E-03
5628	480332.46	3851094.33	0.02456	0.02836	0.02375	3.66E-04	2.00E-06	6.18E-04	0.000985	3.74E-04	1.97E-06	6.87E-04	0.001063	3.55E-04	2.50E-06	1.32E-03	1.68E-03
5629	480416.69	3851136.22	0.02484	0.02844	0.02396	3.70E-04	2.01E-06	6.23E-04	0.000995	3.78E-04	1.98E-06	6.93E-04	0.001073	3.59E-04	2.51E-06	1.33E-03	1.69E-03
5630	480579.95	3851215.17	0.02544	0.02849	0.02431	3.79E-04	2.01E-06	6.32E-04	0.001013	3.87E-04	1.98E-06	7.03E-04	0.001092	3.68E-04	2.51E-06	1.35E-03	1.72E-03
5631	480658.98	3851252.22	0.02574	0.02852	0.02446	3.83E-04	2.01E-06	6.36E-04	0.001021	3.91E-04	1.98E-06	7.08E-04	0.001101	3.72E-04	2.52E-06	1.36E-03	1.73E-03
5632	480817.36	3851327.85	0.02635	0.02867	0.02478	3.92E-04	2.02E-06	6.45E-04	0.001039	4.01E-04	1.99E-06	7.17E-04	0.00112	3.81E-04	2.53E-06	1.38E-03	1.76E-03
5633	480896.72	3851366.42	0.02662	0.02879	0.02493	3.96E-04	2.03E-06	6.49E-04	0.001047	4.05E-04	2.00E-06	7.21E-04	0.001128	3.85E-04	2.54E-06	1.39E-03	1.77E-03
5634	480976.07	3851405	0.02691	0.02899	0.0251	4.01E-04	2.05E-06	6.53E-04	0.001056	4.09E-04	2.01E-06	7.26E-04	0.001138	3.89E-04	2.56E-06	1.39E-03	1.79E-03
5635	481178	3851487.31	0.02747	0.02939	0.02536	4.09E-04	2.08E-06	6.60E-04	0.001071	4.18E-04	2.04E-06	7.34E-04	0.001154	3.97E-04	2.59E-06	1.41E-03	1.81E-03
5636	481244.9	3851557.17	0.02834	0.03033	0.02607	4.22E-04	2.14E-06	6.78E-04	0.001102	4.31E-04	2.11E-06	7.54E-04	0.001188	4.10E-04	2.68E-06	1.45E-03	1.86E-03

5637	481311.81	3851627.03	0.02915	0.03115	0.0268	4.34E-04	2.20E-06	6.97E-04	0.001133	4.43E-04	2.17E-06	7.76E-04	0.001221	4.21E-04	2.75E-06	1.49E-03	1.91E-03
5638	481378.71	3851696.89	0.02999	0.03212	0.02756	4.46E-04	2.27E-06	7.17E-04	0.001166	4.56E-04	2.23E-06	7.98E-04	0.001256	4.33E-04	2.83E-06	1.53E-03	1.97E-03
5639	481445.61	3851766.76	0.03091	0.03317	0.02837	4.60E-04	2.34E-06	7.38E-04	0.001201	4.70E-04	2.31E-06	8.21E-04	0.001293	4.47E-04	2.93E-06	1.58E-03	2.03E-03
5640	481512.51	3851836.62	0.0318	0.03423	0.02919	4.73E-04	2.42E-06	7.59E-04	0.001235	4.84E-04	2.38E-06	8.45E-04	0.001331	4.60E-04	3.02E-06	1.62E-03	2.08E-03
5641	481579.42	3851906.48	0.03273	0.03534	0.03006	4.87E-04	2.50E-06	7.82E-04	0.001272	4.98E-04	2.46E-06	8.70E-04	0.00137	4.73E-04	3.12E-06	1.67E-03	2.15E-03
5642	481646.32	3851976.34	0.03374	0.03655	0.03098	5.02E-04	2.58E-06	8.06E-04	0.001311	5.13E-04	2.54E-06	8.96E-04	0.001412	4.88E-04	3.22E-06	1.72E-03	2.21E-03
5643	481713.22	3852046.2	0.03456	0.0378	0.03187	5.14E-04	2.67E-06	8.29E-04	0.001346	5.26E-04	2.63E-06	9.22E-04	0.00145	4.99E-04	3.34E-06	1.77E-03	2.27E-03
5644	481780.12	3852116.06	0.03582	0.03927	0.03292	5.33E-04	2.77E-06	8.56E-04	0.001392	5.45E-04	2.73E-06	9.53E-04	0.0015	5.18E-04	3.46E-06	1.83E-03	2.35E-03
5645	481847.03	3852185.92	0.03728	0.04083	0.03423	5.55E-04	2.88E-06	8.91E-04	0.001448	5.67E-04	2.84E-06	9.91E-04	0.00156	5.39E-04	3.60E-06	1.90E-03	2.44E-03
5646	481913.93	3852255.78	0.03883	0.04267	0.03538	5.78E-04	3.01E-06	9.20E-04	0.001501	5.91E-04	2.97E-06	1.02E-03	0.001617	5.61E-04	3.76E-06	1.97E-03	2.53E-03
5647	481980.83	3852325.65	0.04046	0.04514	0.03659	6.02E-04	3.19E-06	9.52E-04	0.001557	6.15E-04	3.14E-06	1.06E-03	0.001677	5.85E-04	3.98E-06	2.03E-03	2.62E-03
5648	482047.73	3852395.51	0.04198	0.04698	0.03782	6.25E-04	3.32E-06	9.84E-04	0.001612	6.38E-04	3.27E-06	1.09E-03	0.001736	6.07E-04	4.15E-06	2.10E-03	2.71E-03
5649	482114.64	3852465.37	0.04366	0.04896	0.03909	6.50E-04	3.46E-06	1.02E-03	0.00167	6.64E-04	3.40E-06	1.13E-03	0.001799	6.31E-04	4.32E-06	2.17E-03	2.81E-03
5650	482181.54	3852535.23	0.04534	0.05103	0.04046	6.75E-04	3.60E-06	1.05E-03	0.001731	6.90E-04	3.55E-06	1.17E-03	0.001864	6.55E-04	4.50E-06	2.25E-03	2.91E-03
5651	482338.69	3852700.04	0.05001	0.05645	0.04405	7.44E-04	3.99E-06	1.15E-03	0.001894	7.61E-04	3.92E-06	1.27E-03	0.002039	7.23E-04	4.98E-06	2.45E-03	3.18E-03
5652	482404.05	3852767.78	0.05226	0.0589	0.04577	7.78E-04	4.16E-06	1.19E-03	0.001973	7.95E-04	4.09E-06	1.32E-03	0.002123	7.55E-04	5.20E-06	2.54E-03	3.30E-03
5653	482469.4	3852835.52	0.05479	0.06149	0.04773	8.16E-04	4.34E-06	1.24E-03	0.002062	8.33E-04	4.27E-06	1.38E-03	0.002219	7.92E-04	5.43E-06	2.65E-03	3.45E-03
5654	482534.75	3852903.25	0.05772	0.06423	0.05005	8.59E-04	4.54E-06	1.30E-03	0.002166	8.78E-04	4.46E-06	1.45E-03	0.002331	8.34E-04	5.67E-06	2.78E-03	3.62E-03
5655	482600.11	3852970.98	0.06119	0.06714	0.05271	9.11E-04	4.74E-06	1.37E-03	0.002287	9.31E-04	4.67E-06	1.53E-03	0.002461	8.84E-04	5.92E-06	2.93E-03	3.82E-03
5656	482706.71	3853119.28	0.07154	0.07517	0.06021	1.06E-03	5.31E-06	1.57E-03	0.002637	1.09E-03	5.22E-06	1.74E-03	0.002836	1.03E-03	6.63E-06	3.35E-03	4.39E-03
5657	482747.96	3853199.84	0.07952	0.08074	0.06511	1.18E-03	5.70E-06	1.69E-03	0.002883	1.21E-03	5.61E-06	1.88E-03	0.003099	1.15E-03	7.12E-06	3.62E-03	4.77E-03
5658	482789.21	3853280.4	0.09074	0.08702	0.0707	1.35E-03	6.14E-06	1.84E-03	0.003196	1.38E-03	6.05E-06	2.05E-03	0.003432	1.31E-03	7.68E-06	3.93E-03	5.25E-03
5659	482830.46	3853360.96	0.11001	0.09418	0.07727	1.64E-03	6.65E-06	2.01E-03	0.003654	1.67E-03	6.55E-06	2.24E-03	0.003916	1.59E-03	8.31E-06	4.29E-03	5.89E-03
5660	482871.71	3853441.52	0.23239	0.10244	0.08512	3.46E-03	7.23E-06	2.21E-03	0.005681	3.53E-03	7.12E-06	2.46E-03	0.006005	3.36E-03	9.04E-06	4.73E-03	8.10E-03
5661	482912.95	3853522.07	0.55868	0.11213	0.09591	8.32E-03	7.92E-06	2.50E-03	0.010819	8.50E-03	7.79E-06	2.78E-03	0.01128	8.07E-03	9.89E-06	5.33E-03	1.34E-02
5662	482954.2	3853602.63	0.52637	0.12333	0.11445	7.83E-03	8.71E-06	2.98E-03	0.010821	8.01E-03	8.57E-06	3.31E-03	0.011326	7.61E-03	1.09E-05	6.36E-03	1.40E-02
5663	482995.45	3853683.19	0.48366	0.13647	0.15953	7.20E-03	9.64E-06	4.15E-03	0.011359	7.36E-03	9.49E-06	4.62E-03	0.011982	6.99E-03	1.20E-05	8.86E-03	1.59E-02
5664	483036.7	3853763.75	0.44765	0.15213	0.25262	6.66E-03	1.07E-05	6.57E-03	0.013246	6.81E-03	1.06E-05	7.31E-03	0.014129	6.47E-03	1.34E-05	1.40E-02	2.05E-02
5665	483214.2	3853909.91	0.31048	0.16651	0.36996	4.62E-03	1.18E-05	9.62E-03	0.014258	4.72E-03	1.16E-05	1.07E-02	0.015439	4.49E-03	1.47E-05	2.06E-02	2.51E-02
5666	483307.01	3853910.44	0.2791	0.16379	0.33455	4.15E-03	1.16E-05	8.70E-03	0.01287	4.24E-03	1.14E-05	9.68E-03	0.013937	4.03E-03	1.45E-05	1.86E-02	2.26E-02
5667	483399.83	3853910.96	0.25154	0.15725	0.30227	3.74E-03	1.11E-05	7.86E-03	0.011619	3.83E-03	1.09E-05	8.75E-03	0.012583	3.63E-03	1.39E-05	1.68E-02	2.04E-02
5668	483494.52	3854009.24	0.25472	0.17925	0.36818	3.79E-03	1.27E-05	9.58E-03	0.013383	3.87E-03	1.25E-05	1.07E-02	0.014541	3.68E-03	1.58E-05	2.05E-02	2.42E-02
5669	483496.41	3854106.98	0.28586	0.2166	0.47307	4.25E-03	1.53E-05	1.23E-02	0.016578	4.35E-03	1.51E-05	1.37E-02	0.018052	4.13E-03	1.91E-05	2.63E-02	3.04E-02
5670	483577.56	3854261.96	0.33313	0.25978	0.55355	4.96E-03	1.83E-05	1.44E-02	0.019378	5.07E-03	1.81E-05	1.60E-02	0.021103	4.81E-03	2.29E-05	3.08E-02	3.56E-02
5671	483656.83	3854319.19	0.34228	0.26941	0.52901	5.09E-03	1.90E-05	1.38E-02	0.018876	5.21E-03	1.87E-05	1.53E-02	0.020533	4.95E-03	2.38E-05	2.94E-02	3.44E-02
5672	483736.1	3854376.41	0.34935	0.29666	0.50208	5.20E-03	2.09E-05	1.31E-02	0.018283	5.31E-03	2.06E-05	1.45E-02	0.019863	5.05E-03	2.62E-05	2.79E-02	3.30E-02
5673	483815.36	3854433.64	0.35868	0.37404	0.47908	5.34E-03	2.64E-05	1.25E-02	0.017829	5.46E-03	2.60E-05	1.39E-02	0.019344	5.18E-03	3.30E-05	2.66E-02	3.18E-02
5674	483894.63	3854490.87	0.3694	0.52129	0.46012	5.50E-03	3.68E-05	1.20E-02	0.017506	5.62E-03	3.62E-05	1.33E-02	0.018969	5.34E-03	4.60E-05	2.56E-02	3.10E-02
5675	483973.9	3854548.1	0.3873	0.74275	0.4513	5.76E-03	5.24E-05	1.17E-02	0.017558	5.89E-03	5.16E-05	1.31E-02	0.019001	5.60E-03	6.55E-05	2.51E-02	3.07E-02
5676	484053.17	3854605.32	0.42387	1.03376	0.46081	6.31E-03	7.30E-05	1.20E-02	0.018371	6.45E-03	7.18E-05	1.33E-02	0.019853	6.12E-03	9.12E-05	2.56E-02	3.18E-02
5677	484214.97	3854698.15	0.49259	1.50183	0.47621	7.33E-03	1.06E-04	1.24E-02	0.019827	7.49E-03	1.04E-04	1.38E-02	0.021376	7.12E-03	1.33E-04	2.65E-02	3.37E-02
5678	484297.5	3854733.74	0.53361	1.67593	0.49485	7.94E-03	1.18E-04	1.29E-02	0.020935	8.12E-03	1.16E-04	1.43E-02	0.022552	7.71E-03	1.48E-04	2.75E-02	3.54E-02
5679	484380.03	3854769.34	0.54453	1.76527	0.49483	8.11E-03	1.25E-04	1.29E-02	0.021103	8.28E-03	1.23E-04	1.43E-02	0.022723	7.87E-03	1.56E-04	2.75E-02	3.55E-02
5680	484462.56	3854804.94	0.56967	1.88155	0.51222	8.48E-03	1.33E-04	1.33E-02	0.021938	8.66E-03	1.31E-04	1.48E-02	0.023617	8.23E-03	1.66E-04	2.85E-02	3.69E-02
5681	484545.09	3854840.53	0.56453	1.88676	0.50568	8.40E-03	1.33E-04	1.32E-02	0.021692	8.59E-03	1.31E-04	1.46E-02	0.02335	8.16E-03	1.66E-04	2.81E-02	3.64E-02
5682	484691.88	3854912.58	0.61458	1.98241	0.54231	9.15E-03	1.40E-04	1.41E-02	0.023397	9.35E-03	1.38E-04	1.57E-02	0.025178	8.88E-03	1.75E-04	3.01E-02	3.92E-02
5683	484830.81	3855012.51	0.68399	1.95858	0.59479	1.02E-02	1.38E-04	1.55E-02	0.025793	1.04E-02	1.36E-04	1.72E-02	0.02775	9.88E-03	1.73E-04	3.31E-02	4.31E-02

5684	484905.48	3855075.97	0.75246	1.92973	0.65885	1.12E-02	1.36E-04	1.71E-02	0.028477	1.14E-02	1.34E-04	1.91E-02	0.030643	1.09E-02	1.70E-04	3.66E-02	4.77E-02
5685	484980.14	3855139.44	0.79795	1.77259	0.7026	1.19E-02	1.25E-04	1.83E-02	0.030281	1.21E-02	1.23E-04	2.03E-02	0.03259	1.15E-02	1.56E-04	3.90E-02	5.07E-02
5686	485054.81	3855202.91	0.82222	1.54985	0.72644	1.22E-02	1.09E-04	1.89E-02	0.031247	1.25E-02	1.08E-04	2.10E-02	0.033634	1.19E-02	1.37E-04	4.04E-02	5.24E-02
5687	485129.48	3855266.37	0.81721	1.2947	0.72035	1.22E-02	9.14E-05	1.87E-02	0.030996	1.24E-02	9.00E-05	2.08E-02	0.033364	1.18E-02	1.14E-04	4.00E-02	5.20E-02
5688	485204.15	3855329.84	0.85491	1.15289	0.76517	1.27E-02	8.14E-05	1.99E-02	0.032713	1.30E-02	8.01E-05	2.21E-02	0.035224	1.24E-02	1.02E-04	4.25E-02	5.50E-02
5689	485278.82	3855393.31	0.86352	0.9932	0.78038	1.29E-02	7.01E-05	2.03E-02	0.033226	1.31E-02	6.90E-05	2.26E-02	0.035784	1.25E-02	8.76E-05	4.34E-02	5.59E-02
5690	485353.48	3855456.77	0.88205	0.87432	0.8101	1.31E-02	6.17E-05	2.11E-02	0.034266	1.34E-02	6.08E-05	2.34E-02	0.036918	1.27E-02	7.71E-05	4.50E-02	5.78E-02
5691	485428.15	3855520.24	0.88474	0.76071	0.82197	1.32E-02	5.37E-05	2.14E-02	0.034607	1.35E-02	5.29E-05	2.38E-02	0.037294	1.28E-02	6.71E-05	4.57E-02	5.85E-02
5692	485502.82	3855583.71	0.88877	0.66981	0.83676	1.32E-02	4.73E-05	2.18E-02	0.035046	1.35E-02	4.66E-05	2.42E-02	0.037777	1.28E-02	5.91E-05	4.65E-02	5.94E-02
5693	485577.49	3855647.17	0.91146	0.6085	0.87544	1.36E-02	4.30E-05	2.28E-02	0.036385	1.39E-02	4.23E-05	2.53E-02	0.039237	1.32E-02	5.37E-05	4.86E-02	6.19E-02
5694	485652.16	3855710.64	0.93333	0.55659	0.91398	1.39E-02	3.93E-05	2.38E-02	0.03771	1.42E-02	3.87E-05	2.64E-02	0.040682	1.35E-02	4.91E-05	5.08E-02	6.43E-02
5695	485726.83	3855774.1	0.93575	0.50359	0.92851	1.39E-02	3.56E-05	2.42E-02	0.03812	1.42E-02	3.50E-05	2.69E-02	0.041135	1.35E-02	4.44E-05	5.16E-02	6.52E-02
5696	485801.49	3855837.57	0.92627	0.45498	0.92885	1.38E-02	3.21E-05	2.42E-02	0.037984	1.41E-02	3.16E-05	2.69E-02	0.040997	1.34E-02	4.01E-05	5.16E-02	6.50E-02
5697	485876.16	3855901.04	0.92664	0.41817	0.94071	1.38E-02	2.95E-05	2.45E-02	0.038296	1.41E-02	2.91E-05	2.72E-02	0.041344	1.34E-02	3.69E-05	5.23E-02	6.57E-02
5698	485950.83	3855964.5	0.91883	0.38445	0.94253	1.37E-02	2.71E-05	2.45E-02	0.038225	1.40E-02	2.67E-05	2.73E-02	0.041275	1.33E-02	3.39E-05	5.24E-02	6.57E-02
5699	486025.5	3856027.97	0.89899	0.35221	0.92986	1.34E-02	2.49E-05	2.42E-02	0.037597	1.37E-02	2.45E-05	2.69E-02	0.040605	1.30E-02	3.11E-05	5.17E-02	6.47E-02
5700	486100.17	3856091.44	0.93257	0.33792	0.97615	1.39E-02	2.39E-05	2.54E-02	0.0393	1.42E-02	2.35E-05	2.82E-02	0.042454	1.35E-02	2.98E-05	5.42E-02	6.77E-02
5701	486174.83	3856154.9	0.90658	0.31163	0.95483	1.35E-02	2.20E-05	2.48E-02	0.038357	1.38E-02	2.17E-05	2.76E-02	0.04144	1.31E-02	2.75E-05	5.31E-02	6.62E-02
5702	486249.5	3856218.37	0.84952	0.28114	0.89721	1.26E-02	1.99E-05	2.33E-02	0.036007	1.29E-02	1.95E-05	2.60E-02	0.038903	1.23E-02	2.48E-05	4.99E-02	6.22E-02
5703	486324.17	3856281.84	0.807	0.25662	0.85429	1.20E-02	1.81E-05	2.22E-02	0.034255	1.23E-02	1.78E-05	2.47E-02	0.037012	1.17E-02	2.26E-05	4.75E-02	5.92E-02
5704	486398.84	3856345.3	0.82123	0.24865	0.87415	1.22E-02	1.76E-05	2.27E-02	0.034983	1.25E-02	1.73E-05	2.53E-02	0.037803	1.19E-02	2.19E-05	4.86E-02	6.05E-02
5705	486473.51	3856408.77	0.82341	0.23974	0.87822	1.23E-02	1.69E-05	2.28E-02	0.035121	1.25E-02	1.67E-05	2.54E-02	0.037953	1.19E-02	2.12E-05	4.88E-02	6.07E-02
5706	486548.17	3856472.24	0.84452	0.2369	0.9015	1.26E-02	1.67E-05	2.35E-02	0.036041	1.28E-02	1.65E-05	2.61E-02	0.038948	1.22E-02	2.09E-05	5.01E-02	6.23E-02
5707	486622.84	3856535.7	0.86844	0.23604	0.92676	1.29E-02	1.67E-05	2.41E-02	0.037054	1.32E-02	1.64E-05	2.68E-02	0.040042	1.25E-02	2.08E-05	5.15E-02	6.41E-02
5708	486765.48	3856659.69	0.93182	0.24005	0.99401	1.39E-02	1.69E-05	2.59E-02	0.039747	1.42E-02	1.67E-05	2.88E-02	0.042953	1.35E-02	2.12E-05	5.52E-02	6.87E-02
5709	486833.44	3856720.2	0.95628	0.244	1.01968	1.42E-02	1.72E-05	2.65E-02	0.040779	1.45E-02	1.70E-05	2.95E-02	0.044068	1.38E-02	2.15E-05	5.67E-02	7.05E-02
5710	486901.41	3856780.72	0.98614	0.25498	1.05373	1.47E-02	1.80E-05	2.74E-02	0.04211	1.50E-02	1.77E-05	3.05E-02	0.045508	1.42E-02	2.25E-05	5.86E-02	7.28E-02
5711	486969.38	3856841.24	1.00802	0.27481	1.08091	1.50E-02	1.94E-05	2.81E-02	0.043144	1.53E-02	1.91E-05	3.13E-02	0.046628	1.46E-02	2.42E-05	6.01E-02	7.47E-02
5712	487037.34	3856901.75	1.02676	0.31779	1.10577	1.53E-02	2.24E-05	2.88E-02	0.044073	1.56E-02	2.21E-05	3.20E-02	0.047636	1.48E-02	2.80E-05	6.14E-02	7.63E-02
5713	487271.23	3856855.51	0.85893	0.33393	0.92008	1.28E-02	2.36E-05	2.39E-02	0.036745	1.31E-02	2.32E-05	2.66E-02	0.039711	1.24E-02	2.95E-05	5.11E-02	6.36E-02
5714	487368.96	3856857.29	0.81741	0.36131	0.87503	1.22E-02	2.55E-05	2.28E-02	0.034957	1.24E-02	2.51E-05	2.53E-02	0.037778	1.18E-02	3.19E-05	4.86E-02	6.05E-02
5715	487466.68	3856859.06	0.78163	0.39191	0.83645	1.16E-02	2.77E-05	2.18E-02	0.033423	1.19E-02	2.72E-05	2.42E-02	0.036119	1.13E-02	3.46E-05	4.65E-02	5.78E-02
5716	487636.44	3856930	0.7565	0.54199	0.81194	1.13E-02	3.83E-05	2.11E-02	0.032422	1.15E-02	3.77E-05	2.35E-02	0.035038	1.09E-02	4.78E-05	4.51E-02	5.61E-02
5717	487709.57	3856928.43	0.73151	0.55442	0.78485	1.09E-02	3.91E-05	2.04E-02	0.031346	1.11E-02	3.85E-05	2.27E-02	0.033875	1.06E-02	4.89E-05	4.36E-02	5.42E-02
5718	487782.54	3856841.96	0.67156	0.43758	0.71632	1.00E-02	3.09E-05	1.86E-02	0.028663	1.02E-02	3.04E-05	2.07E-02	0.030972	9.70E-03	3.86E-05	3.98E-02	4.95E-02
5719	487849.83	3856754.74	0.62152	0.36238	0.65978	9.25E-03	2.56E-05	1.72E-02	0.026442	9.45E-03	2.52E-05	1.91E-02	0.02857	8.98E-03	3.20E-05	3.67E-02	4.57E-02
5720	487918.03	3856819.39	0.62944	0.4329	0.6703	9.37E-03	3.06E-05	1.74E-02	0.026838	9.57E-03	3.01E-05	1.94E-02	0.029	9.10E-03	3.82E-05	3.72E-02	4.64E-02
5721	487918.8	3856886.37	0.65328	0.51585	0.69845	9.72E-03	3.64E-05	1.82E-02	0.027931	9.94E-03	3.59E-05	2.02E-02	0.030183	9.44E-03	4.55E-05	3.88E-02	4.83E-02
5722	488065.47	3857127.5	0.69121	0.91927	0.75222	1.03E-02	6.49E-05	1.96E-02	0.029923	1.05E-02	6.39E-05	2.18E-02	0.032344	9.99E-03	8.11E-05	4.18E-02	5.19E-02
5723	488192.19	3857385.83	0.73044	1.10326	0.81883	1.09E-02	7.79E-05	2.13E-02	0.032253	1.11E-02	7.67E-05	2.37E-02	0.034881	1.06E-02	9.73E-05	4.55E-02	5.62E-02
5724	488191.22	3857473.87	0.75962	1.09131	0.85721	1.13E-02	7.71E-05	2.23E-02	0.033685	1.16E-02	7.58E-05	2.48E-02	0.036434	1.10E-02	9.63E-05	4.76E-02	5.87E-02
5725	488190.24	3857561.9	0.79054	1.0285	0.8955	1.18E-02	7.26E-05	2.33E-02	0.035137	1.20E-02	7.15E-05	2.59E-02	0.038008	1.14E-02	9.07E-05	4.98E-02	6.13E-02
5726	488158.35	3857691.13	0.85666	0.90616	0.97857	1.28E-02	6.40E-05	2.55E-02	0.038274	1.30E-02	6.30E-05	2.83E-02	0.041409	1.24E-02	8.00E-05	5.44E-02	6.68E-02
5727	488208.37	3857816.66	0.86944	0.70095	1.00232	1.29E-02	4.95E-05	2.61E-02	0.039067	1.32E-02	4.87E-05	2.90E-02	0.042276	1.26E-02	6.18E-05	5.57E-02	6.83E-02
5728	488271.97	3857874.6	0.84369	0.60439	0.9757	1.26E-02	4.27E-05	2.54E-02	0.037985	1.28E-02	4.20E-05	2.82E-02	0.041108	1.22E-02	5.33E-05	5.42E-02	6.65E-02
5729	488463.56	3857942.31	0.75033	0.48521	0.85154	1.12E-02	3.43E-05	2.22E-02	0.033356	1.14E-02	3.37E-05	2.46E-02	0.036087	1.08E-02	4.28E-05	4.73E-02	5.82E-02
5730	488554.83	3857940.83	0.70555	0.46695	0.79439	1.05E-02	3.30E-05	2.07E-02	0.031202	1.07E-02	3.25E-05	2.30E-02	0.033751	1.02E-02	4.12E-05	4.41E-02	5.44E-02

5731	488646.1	3857939.36	0.66489	0.44981	0.74473	9.90E-03	3.18E-05	1.94E-02	0.029303	1.01E-02	3.13E-05	2.16E-02	0.031694	9.61E-03	3.97E-05	4.14E-02	5.10E-02
5732	488737.37	3857937.88	0.62791	0.43382	0.70138	9.35E-03	3.06E-05	1.82E-02	0.027624	9.55E-03	3.02E-05	2.03E-02	0.029876	9.07E-03	3.83E-05	3.90E-02	4.81E-02
5733	488733.59	3857960.57	0.63055	0.42123	0.70558	9.39E-03	2.97E-05	1.84E-02	0.027772	9.59E-03	2.93E-05	2.04E-02	0.030037	9.11E-03	3.72E-05	3.92E-02	4.84E-02
5734	488638.09	3857961.57	0.67028	0.43683	0.75216	9.98E-03	3.08E-05	1.96E-02	0.029576	1.02E-02	3.04E-05	2.18E-02	0.03199	9.69E-03	3.85E-05	4.18E-02	5.15E-02
5735	488542.6	3857962.56	0.71438	0.4534	0.80534	1.06E-02	3.20E-05	2.10E-02	0.031617	1.09E-02	3.15E-05	2.33E-02	0.034201	1.03E-02	4.00E-05	4.47E-02	5.51E-02
5736	488447.1	3857963.56	0.76283	0.47151	0.86821	1.14E-02	3.33E-05	2.26E-02	0.033975	1.16E-02	3.28E-05	2.51E-02	0.036758	1.10E-02	4.16E-05	4.82E-02	5.93E-02
5737	488254.28	3857890.36	0.85914	0.59213	0.99764	1.28E-02	4.18E-05	2.60E-02	0.038784	1.31E-02	4.12E-05	2.89E-02	0.041977	1.24E-02	5.22E-05	5.54E-02	6.79E-02
5738	488191.69	3857833.06	0.88503	0.68726	1.02652	1.32E-02	4.85E-05	2.67E-02	0.039928	1.35E-02	4.78E-05	2.97E-02	0.043213	1.28E-02	6.06E-05	5.70E-02	6.99E-02
5739	488129.5	3857907.43	0.95537	0.61106	1.13435	1.42E-02	4.31E-05	2.95E-02	0.043775	1.45E-02	4.25E-05	3.28E-02	0.047398	1.38E-02	5.39E-05	6.30E-02	7.69E-02
5740	488196.47	3857968.73	0.92176	0.52168	1.09738	1.37E-02	3.68E-05	2.85E-02	0.042306	1.40E-02	3.63E-05	3.18E-02	0.04581	1.33E-02	4.60E-05	6.10E-02	7.43E-02
5741	488263.44	3858030.04	0.89241	0.45181	1.06016	1.33E-02	3.19E-05	2.76E-02	0.040896	1.36E-02	3.14E-05	3.07E-02	0.044282	1.29E-02	3.99E-05	5.89E-02	7.18E-02
5742	488400.64	3858132.9	0.82737	0.36132	0.96118	1.23E-02	2.55E-05	2.50E-02	0.037347	1.26E-02	2.51E-05	2.78E-02	0.040422	1.20E-02	3.19E-05	5.34E-02	6.54E-02
5743	488519.89	3858218.38	0.75638	0.30305	0.83987	1.13E-02	2.14E-05	2.18E-02	0.03313	1.15E-02	2.11E-05	2.43E-02	0.035828	1.09E-02	2.67E-05	4.67E-02	5.76E-02
5744	488647.97	3858214.99	0.67325	0.29687	0.7397	1.00E-02	2.10E-05	1.92E-02	0.029286	1.02E-02	2.06E-05	2.14E-02	0.031665	9.73E-03	2.62E-05	4.11E-02	5.09E-02
5745	488727.05	3858167.67	0.63584	0.31198	0.70068	9.46E-03	2.20E-05	1.82E-02	0.027715	9.67E-03	2.17E-05	2.03E-02	0.029968	9.19E-03	2.75E-05	3.89E-02	4.81E-02
5746	488806.12	3858120.35	0.60318	0.32716	0.66723	8.98E-03	2.31E-05	1.74E-02	0.02636	9.17E-03	2.27E-05	1.93E-02	0.028504	8.72E-03	2.89E-05	3.71E-02	4.58E-02
5747	488885.2	3858073.03	0.5743	0.34201	0.63721	8.55E-03	2.41E-05	1.66E-02	0.02515	8.73E-03	2.38E-05	1.84E-02	0.027197	8.30E-03	3.02E-05	3.54E-02	4.37E-02
5748	489055.76	3857991.17	0.522	0.36077	0.58147	7.77E-03	2.55E-05	1.51E-02	0.022923	7.94E-03	2.51E-05	1.68E-02	0.02479	7.54E-03	3.18E-05	3.23E-02	3.99E-02
5749	489245.39	3857944.54	0.47382	0.35546	0.52978	7.05E-03	2.51E-05	1.38E-02	0.020861	7.21E-03	2.47E-05	1.53E-02	0.022561	6.85E-03	3.14E-05	2.94E-02	3.63E-02
5750	489430.63	3857930.91	0.43429	0.3355	0.48382	6.46E-03	2.37E-05	1.26E-02	0.019075	6.60E-03	2.33E-05	1.40E-02	0.020629	6.28E-03	2.96E-05	2.69E-02	3.32E-02
5751	489517.74	3857929.36	0.41757	0.32505	0.46426	6.22E-03	2.30E-05	1.21E-02	0.018317	6.35E-03	2.26E-05	1.34E-02	0.019808	6.03E-03	2.87E-05	2.58E-02	3.19E-02
5752	489604.85	3857927.82	0.40176	0.31502	0.44611	5.98E-03	2.22E-05	1.16E-02	0.017608	6.11E-03	2.19E-05	1.29E-02	0.019041	5.81E-03	2.78E-05	2.48E-02	3.06E-02
5753	489691.97	3857926.28	0.38729	0.30519	0.42888	5.76E-03	2.15E-05	1.12E-02	0.016944	5.89E-03	2.12E-05	1.24E-02	0.018322	5.60E-03	2.69E-05	2.38E-02	2.95E-02
5754	489779.08	3857924.73	0.37359	0.29578	0.41283	5.56E-03	2.09E-05	1.07E-02	0.016322	5.68E-03	2.06E-05	1.19E-02	0.017649	5.40E-03	2.61E-05	2.29E-02	2.84E-02
5755	490017.54	3857875.08	0.34207	0.278	0.37661	5.09E-03	1.96E-05	9.80E-03	0.014909	5.20E-03	1.93E-05	1.09E-02	0.01612	4.94E-03	2.45E-05	2.09E-02	2.59E-02
5756	490033.82	3857960.81	0.33665	0.26449	0.3675	5.01E-03	1.87E-05	9.56E-03	0.01459	5.12E-03	1.84E-05	1.06E-02	0.015773	4.86E-03	2.33E-05	2.04E-02	2.53E-02
5757	489959.15	3857987.49	0.34555	0.26708	0.37639	5.14E-03	1.89E-05	9.79E-03	0.014954	5.26E-03	1.86E-05	1.09E-02	0.016166	4.99E-03	2.36E-05	2.09E-02	2.59E-02
5758	489791.49	3858016.12	0.36647	0.27735	0.40165	5.45E-03	1.96E-05	1.04E-02	0.015924	5.57E-03	1.93E-05	1.16E-02	0.017216	5.30E-03	2.45E-05	2.23E-02	2.76E-02
5759	489698.51	3858018.07	0.38096	0.28547	0.41858	5.67E-03	2.02E-05	1.09E-02	0.01658	5.79E-03	1.98E-05	1.21E-02	0.017926	5.50E-03	2.52E-05	2.33E-02	2.88E-02
5760	489605.52	3858020.02	0.3965	0.29373	0.43678	5.90E-03	2.07E-05	1.14E-02	0.017286	6.03E-03	2.04E-05	1.26E-02	0.01869	5.73E-03	2.59E-05	2.43E-02	3.00E-02
5761	489512.53	3858021.96	0.41338	0.30208	0.45638	6.15E-03	2.13E-05	1.19E-02	0.018048	6.29E-03	2.10E-05	1.32E-02	0.019514	5.97E-03	2.67E-05	2.54E-02	3.14E-02
5762	489419.55	3858023.91	0.43188	0.31035	0.4772	6.43E-03	2.19E-05	1.24E-02	0.018865	6.57E-03	2.16E-05	1.38E-02	0.020399	6.24E-03	2.74E-05	2.65E-02	3.28E-02
5763	489228.47	3858041.29	0.47243	0.3241	0.52673	7.03E-03	2.29E-05	1.37E-02	0.020758	7.19E-03	2.25E-05	1.52E-02	0.02245	6.83E-03	2.86E-05	2.93E-02	3.61E-02
5764	489065.75	3858085.78	0.51375	0.32117	0.56977	7.65E-03	2.27E-05	1.48E-02	0.022493	7.81E-03	2.23E-05	1.65E-02	0.024323	7.42E-03	2.83E-05	3.17E-02	3.91E-02
5765	489001.12	3858114.86	0.53132	0.31465	0.5881	7.91E-03	2.22E-05	1.53E-02	0.023231	8.08E-03	2.19E-05	1.70E-02	0.025121	7.68E-03	2.78E-05	3.27E-02	4.04E-02
5766	488861.89	3858189.81	0.57244	0.29512	0.632	8.52E-03	2.08E-05	1.64E-02	0.024984	8.71E-03	2.05E-05	1.83E-02	0.027015	8.27E-03	2.60E-05	3.51E-02	4.34E-02
5767	488787.28	3858235.69	0.59883	0.28116	0.65187	8.91E-03	1.99E-05	1.70E-02	0.025892	9.11E-03	1.95E-05	1.89E-02	0.02799	8.65E-03	2.48E-05	3.62E-02	4.49E-02
5768	488712.68	3858281.57	0.62557	0.26868	0.67852	9.31E-03	1.90E-05	1.77E-02	0.026983	9.51E-03	1.87E-05	1.96E-02	0.029167	9.04E-03	2.37E-05	3.77E-02	4.68E-02
5769	488654.39	3858436.17	0.63275	0.2157	0.58218	9.42E-03	1.52E-05	1.51E-02	0.02458	9.62E-03	1.50E-05	1.68E-02	0.026485	9.14E-03	1.90E-05	3.23E-02	4.15E-02
5770	488726.3	3858505.26	0.59765	0.1957	0.47956	8.90E-03	1.38E-05	1.25E-02	0.021386	9.09E-03	1.36E-05	1.39E-02	0.02298	8.64E-03	1.73E-05	2.66E-02	3.53E-02
5771	488880.6	3858599.28	0.54002	0.17401	0.3704	8.04E-03	1.23E-05	9.64E-03	0.017687	8.21E-03	1.21E-05	1.07E-02	0.018944	7.80E-03	1.54E-05	2.06E-02	2.84E-02
5772	489008.06	3858714.75	0.51745	0.1517	0.29143	7.70E-03	1.07E-05	7.58E-03	0.015295	7.87E-03	1.05E-05	8.43E-03	0.016314	7.48E-03	1.34E-05	1.62E-02	2.37E-02
5773	489071.48	3858772.72	0.49815	0.14227	0.26263	7.41E-03	1.00E-05	6.83E-03	0.014257	7.58E-03	9.89E-06	7.60E-03	0.015186	7.20E-03	1.26E-05	1.46E-02	2.18E-02
5774	489244.59	3858920.19	0.33334	0.12222	0.20814	4.96E-03	8.63E-06	5.41E-03	0.010385	5.07E-03	8.49E-06	6.02E-03	0.011101	4.82E-03	1.08E-05	1.16E-02	1.64E-02
5775	489239.69	3858952.23	0.31175	0.1179	0.19884	4.64E-03	8.32E-06	5.17E-03	0.009822	4.74E-03	8.19E-06	5.75E-03	0.010503	4.50E-03	1.04E-05	1.10E-02	1.56E-02
5776	489121.67	3858854.49	0.44584	0.12978	0.22991	6.64E-03	9.16E-06	5.98E-03	0.012627	6.78E-03	9.02E-06	6.65E-03	0.013443	6.44E-03	1.15E-05	1.28E-02	1.92E-02
5777	489059.59	3858797.27	0.51338	0.13785	0.2525	7.64E-03	9.73E-06	6.57E-03	0.01422	7.81E-03	9.58E-06	7.31E-03	0.015124	7.42E-03	1.22E-05	1.40E-02	2.15E-02

5778	488997.52	3858740.04	0.53712	0.1469	0.27986	7.99E-03	1.04E-05	7.28E-03	0.015286	8.17E-03	1.02E-05	8.10E-03	0.016278	7.76E-03	1.30E-05	1.56E-02	2.33E-02
5779	488935.44	3858682.82	0.54526	0.15677	0.31245	8.12E-03	1.11E-05	8.13E-03	0.016256	8.29E-03	1.09E-05	9.04E-03	0.017345	7.88E-03	1.38E-05	1.74E-02	2.53E-02
5780	488869.17	3858848.43	0.96269	0.12766	0.23056	1.43E-02	9.01E-06	6.00E-03	0.020337	1.46E-02	8.87E-06	6.67E-03	0.021322	1.39E-02	1.13E-05	1.28E-02	2.67E-02
5781	488932.48	3858892.69	0.69673	0.12227	0.21419	1.04E-02	8.63E-06	5.57E-03	0.015952	1.06E-02	8.50E-06	6.20E-03	0.016803	1.01E-02	1.08E-05	1.19E-02	2.20E-02
5782	489063.27	3858977.17	0.33273	0.11337	0.18961	4.95E-03	8.00E-06	4.93E-03	0.009893	5.06E-03	7.88E-06	5.49E-03	0.010555	4.81E-03	1.00E-05	1.05E-02	1.54E-02
5783	489248.2	3859117.15	0.20799	0.10068	0.15839	3.10E-03	7.11E-06	4.12E-03	0.007224	3.16E-03	7.00E-06	4.58E-03	0.007754	3.01E-03	8.88E-06	8.80E-03	1.18E-02
5784	489296.25	3859049.22	0.24114	0.10719	0.17397	3.59E-03	7.57E-06	4.53E-03	0.008123	3.67E-03	7.45E-06	5.03E-03	0.008709	3.48E-03	9.46E-06	9.67E-03	1.32E-02
5785	489353.38	3858993.96	0.26476	0.11412	0.18791	3.94E-03	8.06E-06	4.89E-03	0.008838	4.03E-03	7.93E-06	5.44E-03	0.009472	3.83E-03	1.01E-05	1.04E-02	1.43E-02
5786	489537.24	3859120.22	0.1994	0.10236	0.16103	2.97E-03	7.23E-06	4.19E-03	0.007165	3.03E-03	7.11E-06	4.66E-03	0.0077	2.88E-03	9.03E-06	8.95E-03	1.18E-02
5787	489726.98	3859246.04	0.16274	0.09247	0.1402	2.42E-03	6.53E-06	3.65E-03	0.006076	2.48E-03	6.43E-06	4.06E-03	0.006539	2.35E-03	8.16E-06	7.79E-03	1.02E-02
5788	489911.46	3859366.33	0.13936	0.0847	0.12489	2.07E-03	5.98E-06	3.25E-03	0.005329	2.12E-03	5.89E-06	3.61E-03	0.005739	2.01E-03	7.47E-06	6.94E-03	8.96E-03
5789	490035.3	3859430.26	0.12934	0.08082	0.11736	1.93E-03	5.71E-06	3.05E-03	0.004984	1.97E-03	5.62E-06	3.40E-03	0.005369	1.87E-03	7.13E-06	6.52E-03	8.40E-03
5790	490101.11	3859458.61	0.12543	0.07939	0.11459	1.87E-03	5.61E-06	2.98E-03	0.004854	1.91E-03	5.52E-06	3.32E-03	0.005229	1.81E-03	7.00E-06	6.37E-03	8.19E-03
5791	490312.68	3859560.3	0.11326	0.07448	0.10544	1.69E-03	5.26E-06	2.74E-03	0.004434	1.72E-03	5.18E-06	3.05E-03	0.004779	1.64E-03	6.57E-06	5.86E-03	7.50E-03
5792	490401.63	3859603.12	0.10892	0.07263	0.10211	1.62E-03	5.13E-06	2.66E-03	0.004283	1.66E-03	5.05E-06	2.95E-03	0.004616	1.57E-03	6.41E-06	5.67E-03	7.25E-03
5793	490490.57	3859645.94	0.10495	0.07091	0.09903	1.56E-03	5.01E-06	2.58E-03	0.004144	1.60E-03	4.93E-06	2.87E-03	0.004467	1.52E-03	6.26E-06	5.50E-03	7.03E-03
5794	490579.51	3859688.76	0.10134	0.06931	0.09622	1.51E-03	4.89E-06	2.50E-03	0.004017	1.54E-03	4.82E-06	2.78E-03	0.00433	1.46E-03	6.12E-06	5.35E-03	6.82E-03
5795	490668.45	3859731.58	0.09806	0.06788	0.09372	1.46E-03	4.79E-06	2.44E-03	0.003903	1.49E-03	4.72E-06	2.71E-03	0.004208	1.42E-03	5.99E-06	5.21E-03	6.63E-03
5796	490757.4	3859774.4	0.09474	0.06623	0.09089	1.41E-03	4.68E-06	2.36E-03	0.003779	1.44E-03	4.60E-06	2.63E-03	0.004076	1.37E-03	5.84E-06	5.05E-03	6.43E-03
5797	491003.53	3859861.82	0.08873	0.06355	0.08605	1.32E-03	4.49E-06	2.24E-03	0.003564	1.35E-03	4.42E-06	2.49E-03	0.003844	1.28E-03	5.61E-06	4.78E-03	6.07E-03
5798	491081.41	3859879.05	0.08755	0.06312	0.08513	1.30E-03	4.46E-06	2.21E-03	0.003522	1.33E-03	4.39E-06	2.46E-03	0.003799	1.27E-03	5.57E-06	4.73E-03	6.00E-03
5799	491229.76	3859917.82	0.08492	0.06199	0.08295	1.26E-03	4.38E-06	2.16E-03	0.003426	1.29E-03	4.31E-06	2.40E-03	0.003696	1.23E-03	5.47E-06	4.61E-03	5.84E-03
5800	491300.22	3859939.35	0.0835	0.06125	0.08166	1.24E-03	4.32E-06	2.12E-03	0.003372	1.27E-03	4.26E-06	2.36E-03	0.003637	1.21E-03	5.40E-06	4.54E-03	5.75E-03
5801	491350.48	3860012.03	0.07914	0.05819	0.07718	1.18E-03	4.11E-06	2.01E-03	0.00319	1.20E-03	4.04E-06	2.23E-03	0.003441	1.14E-03	5.13E-06	4.29E-03	5.44E-03
5802	491406.82	3860092.56	0.07477	0.05524	0.07289	1.11E-03	3.90E-06	1.90E-03	0.003013	1.14E-03	3.84E-06	2.11E-03	0.00325	1.08E-03	4.87E-06	4.05E-03	5.14E-03
5803	491483.36	3860121.96	0.07343	0.05455	0.07176	1.09E-03	3.85E-06	1.87E-03	0.002964	1.12E-03	3.79E-06	2.08E-03	0.003197	1.06E-03	4.81E-06	3.99E-03	5.05E-03
5804	491559.91	3860151.35	0.07208	0.05383	0.07058	1.07E-03	3.80E-06	1.84E-03	0.002913	1.10E-03	3.74E-06	2.04E-03	0.003142	1.04E-03	4.75E-06	3.92E-03	4.97E-03
5805	491711.81	3860237.76	0.06947	0.05261	0.06876	1.03E-03	3.71E-06	1.79E-03	0.002827	1.06E-03	3.66E-06	1.99E-03	0.00305	1.00E-03	4.64E-06	3.82E-03	4.83E-03
5806	491755.2	3860319.07	0.06459	0.04891	0.06337	9.61E-04	3.45E-06	1.65E-03	0.002613	9.82E-04	3.40E-06	1.83E-03	0.002819	9.33E-04	4.32E-06	3.52E-03	4.46E-03
5807	491704.71	3860366.54	0.06256	0.04739	0.06128	9.31E-04	3.35E-06	1.59E-03	0.002529	9.51E-04	3.29E-06	1.77E-03	0.002728	9.04E-04	4.18E-06	3.41E-03	4.31E-03
5808	491623.42	3860462.39	0.05832	0.04452	0.05703	8.68E-04	3.14E-06	1.48E-03	0.002355	8.87E-04	3.09E-06	1.65E-03	0.00254	8.43E-04	3.93E-06	3.17E-03	4.02E-03
5809	491534.02	3860439.85	0.06017	0.04597	0.05921	8.96E-04	3.25E-06	1.54E-03	0.002439	9.15E-04	3.20E-06	1.71E-03	0.002632	8.69E-04	4.06E-06	3.29E-03	4.16E-03
5810	491313.95	3860268.17	0.06502	0.04853	0.06306	9.68E-04	3.43E-06	1.64E-03	0.002612	9.89E-04	3.37E-06	1.82E-03	0.002817	9.40E-04	4.28E-06	3.50E-03	4.45E-03
5811	491187.12	3860143.56	0.07125	0.05232	0.0689	1.06E-03	3.69E-06	1.79E-03	0.002857	1.08E-03	3.64E-06	1.99E-03	0.003081	1.03E-03	4.62E-06	3.83E-03	4.86E-03
5812	491070.43	3860075.97	0.07482	0.05442	0.07219	1.11E-03	3.84E-06	1.88E-03	0.002996	1.14E-03	3.78E-06	2.09E-03	0.003231	1.08E-03	4.80E-06	4.01E-03	5.10E-03
5813	490995.09	3860039.38	0.07672	0.05548	0.07388	1.14E-03	3.92E-06	1.92E-03	0.003068	1.17E-03	3.86E-06	2.14E-03	0.003309	1.11E-03	4.90E-06	4.11E-03	5.22E-03
5814	490919.75	3860002.8	0.07873	0.0566	0.07567	1.17E-03	4.00E-06	1.97E-03	0.003144	1.20E-03	3.93E-06	2.19E-03	0.003391	1.14E-03	4.99E-06	4.20E-03	5.35E-03
5815	490756.81	3859894.53	0.08558	0.06051	0.08201	1.27E-03	4.27E-06	2.13E-03	0.003412	1.30E-03	4.21E-06	2.37E-03	0.003679	1.24E-03	5.34E-06	4.56E-03	5.80E-03
5816	490668.07	3859860.92	0.08748	0.06136	0.08342	1.30E-03	4.33E-06	2.17E-03	0.003477	1.33E-03	4.26E-06	2.41E-03	0.003749	1.26E-03	5.41E-06	4.64E-03	5.90E-03
5817	490579.34	3859827.3	0.0896	0.0624	0.08514	1.33E-03	4.41E-06	2.21E-03	0.003553	1.36E-03	4.34E-06	2.46E-03	0.003831	1.29E-03	5.51E-06	4.73E-03	6.03E-03
5818	490490.6	3859793.68	0.09166	0.06333	0.08665	1.36E-03	4.47E-06	2.25E-03	0.003623	1.39E-03	4.40E-06	2.51E-03	0.003906	1.32E-03	5.59E-06	4.81E-03	6.14E-03
5819	490401.86	3859760.07	0.09385	0.06433	0.08829	1.40E-03	4.54E-06	2.30E-03	0.003698	1.43E-03	4.47E-06	2.55E-03	0.003987	1.36E-03	5.68E-06	4.91E-03	6.27E-03
5820	490313.12	3859726.45	0.09628	0.06551	0.09021	1.43E-03	4.63E-06	2.35E-03	0.003785	1.46E-03	4.55E-06	2.61E-03	0.004079	1.39E-03	5.78E-06	5.01E-03	6.41E-03
5821	490224.39	3859692.83	0.0989	0.06681	0.09232	1.47E-03	4.72E-06	2.40E-03	0.003879	1.50E-03	4.64E-06	2.67E-03	0.00418	1.43E-03	5.89E-06	5.13E-03	6.56E-03
5822	490135.65	3859659.22	0.10174	0.06826	0.09469	1.51E-03	4.82E-06	2.46E-03	0.003983	1.55E-03	4.74E-06	2.74E-03	0.004292	1.47E-03	6.02E-06	5.26E-03	6.74E-03
5823	489918.18	3859559.23	0.11141	0.0729	0.10251	1.66E-03	5.15E-06	2.67E-03	0.00433	1.69E-03	5.07E-06	2.97E-03	0.004666	1.61E-03	6.43E-06	5.70E-03	7.31E-03
5824	489743.61	3859486	0.11951	0.07659	0.10867	1.78E-03	5.41E-06	2.83E-03	0.004611	1.82E-03	5.32E-06	3.14E-03	0.004968	1.73E-03	6.76E-06	6.04E-03	7.77E-03

5825	489660.32	3859440.27	0.12551	0.07901	0.11299	1.87E-03	5.58E-06	2.94E-03	0.004813	1.91E-03	5.49E-06	3.27E-03	0.005184	1.81E-03	6.97E-06	6.28E-03	8.10E-03
5826	489577.04	3859394.53	0.13222	0.08161	0.11769	1.97E-03	5.76E-06	3.06E-03	0.005036	2.01E-03	5.67E-06	3.41E-03	0.005422	1.91E-03	7.20E-06	6.54E-03	8.46E-03
5827	489493.75	3859348.8	0.13978	0.08431	0.12268	2.08E-03	5.95E-06	3.19E-03	0.005278	2.13E-03	5.86E-06	3.55E-03	0.005682	2.02E-03	7.44E-06	6.82E-03	8.84E-03
5828	489321.28	3859240.02	0.16315	0.09142	0.13667	2.43E-03	6.46E-06	3.56E-03	0.005991	2.48E-03	6.35E-06	3.95E-03	0.006443	2.36E-03	8.07E-06	7.59E-03	9.96E-03
5829	489235.41	3859193.96	0.17614	0.09496	0.14376	2.62E-03	6.70E-06	3.74E-03	0.006369	2.68E-03	6.60E-06	4.16E-03	0.006846	2.55E-03	8.38E-06	7.99E-03	1.05E-02
5830	489149.54	3859147.89	0.19235	0.09834	0.15065	2.86E-03	6.94E-06	3.92E-03	0.006789	2.93E-03	6.83E-06	4.36E-03	0.007292	2.78E-03	8.68E-06	8.37E-03	1.12E-02
5831	489063.68	3859101.82	0.21354	0.10229	0.15901	3.18E-03	7.22E-06	4.14E-03	0.007323	3.25E-03	7.11E-06	4.60E-03	0.007856	3.09E-03	9.03E-06	8.84E-03	1.19E-02
5832	488977.81	3859055.75	0.2432	0.10659	0.16845	3.62E-03	7.53E-06	4.38E-03	0.00801	3.70E-03	7.41E-06	4.87E-03	0.008581	3.51E-03	9.40E-06	9.36E-03	1.29E-02
5833	488891.94	3859009.69	0.2882	0.11074	0.1779	4.29E-03	7.82E-06	4.63E-03	0.008926	4.38E-03	7.70E-06	5.15E-03	0.009539	4.16E-03	9.77E-06	9.89E-03	1.41E-02
5834	488808	3859060.73	0.23743	0.10794	0.16708	3.53E-03	7.62E-06	4.35E-03	0.007888	3.61E-03	7.50E-06	4.83E-03	0.008453	3.43E-03	9.52E-06	9.28E-03	1.27E-02
5835	488809.93	3859157.85	0.19087	0.10134	0.15064	2.84E-03	7.16E-06	3.92E-03	0.006767	2.90E-03	7.04E-06	4.36E-03	0.007269	2.76E-03	8.94E-06	8.37E-03	1.11E-02
5836	488811.85	3859254.96	0.1639	0.09512	0.13719	2.44E-03	6.72E-06	3.57E-03	0.006015	2.49E-03	6.61E-06	3.97E-03	0.006469	2.37E-03	8.39E-06	7.62E-03	1.00E-02
5837	488813.78	3859352.07	0.14509	0.08917	0.12569	2.16E-03	6.30E-06	3.27E-03	0.005436	2.21E-03	6.20E-06	3.64E-03	0.00585	2.10E-03	7.87E-06	6.98E-03	9.09E-03
5838	488815.71	3859449.19	0.13084	0.0837	0.11596	1.95E-03	5.91E-06	3.02E-03	0.00497	1.99E-03	5.82E-06	3.36E-03	0.005351	1.89E-03	7.39E-06	6.44E-03	8.34E-03
5839	488910.04	3859547.1	0.11878	0.07865	0.10726	1.77E-03	5.55E-06	2.79E-03	0.004564	1.81E-03	5.47E-06	3.10E-03	0.004916	1.72E-03	6.94E-06	5.96E-03	7.68E-03
5840	489002.45	3859547.91	0.11825	0.07866	0.10713	1.76E-03	5.55E-06	2.79E-03	0.004553	1.80E-03	5.47E-06	3.10E-03	0.004904	1.71E-03	6.94E-06	5.95E-03	7.67E-03
5841	489094.85	3859548.71	0.11754	0.07849	0.10681	1.75E-03	5.54E-06	2.78E-03	0.004534	1.79E-03	5.46E-06	3.09E-03	0.004884	1.70E-03	6.93E-06	5.94E-03	7.64E-03
5842	489230.05	3859601.87	0.11122	0.07556	0.10195	1.66E-03	5.34E-06	2.65E-03	0.004313	1.69E-03	5.25E-06	2.95E-03	0.004647	1.61E-03	6.67E-06	5.66E-03	7.28E-03
5843	489227.52	3859680.89	0.10467	0.0725	0.0968	1.56E-03	5.12E-06	2.52E-03	0.004081	1.59E-03	5.04E-06	2.80E-03	0.004398	1.51E-03	6.40E-06	5.38E-03	6.90E-03
5844	489133.47	3859760.29	0.09913	0.06944	0.09207	1.48E-03	4.90E-06	2.40E-03	0.003876	1.51E-03	4.83E-06	2.66E-03	0.004177	1.43E-03	6.13E-06	5.12E-03	6.55E-03
5845	489041.96	3859760.67	0.09935	0.06926	0.09198	1.48E-03	4.89E-06	2.39E-03	0.003877	1.51E-03	4.81E-06	2.66E-03	0.004177	1.44E-03	6.11E-06	5.11E-03	6.55E-03
5846	488950.45	3859761.05	0.09932	0.06895	0.09161	1.48E-03	4.87E-06	2.38E-03	0.003867	1.51E-03	4.79E-06	2.65E-03	0.004166	1.44E-03	6.08E-06	5.09E-03	6.53E-03
5847	488858.94	3859761.43	0.09919	0.06866	0.09115	1.48E-03	4.85E-06	2.37E-03	0.003853	1.51E-03	4.77E-06	2.64E-03	0.004151	1.43E-03	6.06E-06	5.06E-03	6.50E-03
5848	488767.43	3859761.82	0.09877	0.06815	0.09022	1.47E-03	4.81E-06	2.35E-03	0.003822	1.50E-03	4.74E-06	2.61E-03	0.004118	1.43E-03	6.01E-06	5.01E-03	6.45E-03
5849	488675.92	3859762.2	0.09849	0.06777	0.08944	1.47E-03	4.79E-06	2.33E-03	0.003798	1.50E-03	4.71E-06	2.59E-03	0.004091	1.42E-03	5.98E-06	4.97E-03	6.40E-03
5850	488584.41	3859762.58	0.09799	0.06721	0.08844	1.46E-03	4.75E-06	2.30E-03	0.003764	1.49E-03	4.67E-06	2.56E-03	0.004054	1.42E-03	5.93E-06	4.91E-03	6.34E-03
5851	488492.9	3859762.96	0.09756	0.06668	0.08762	1.45E-03	4.71E-06	2.28E-03	0.003736	1.48E-03	4.63E-06	2.54E-03	0.004024	1.41E-03	5.88E-06	4.87E-03	6.28E-03
5852	488402.76	3859830.95	0.09221	0.06343	0.08282	1.37E-03	4.48E-06	2.15E-03	0.003532	1.40E-03	4.41E-06	2.40E-03	0.003803	1.33E-03	5.60E-06	4.60E-03	5.94E-03
5853	488404.14	3859898.55	0.08744	0.06073	0.0788	1.30E-03	4.29E-06	2.05E-03	0.003356	1.33E-03	4.22E-06	2.28E-03	0.003614	1.26E-03	5.36E-06	4.38E-03	5.65E-03
5854	488505.18	3859964.96	0.0837	0.05905	0.07608	1.25E-03	4.17E-06	1.98E-03	0.003229	1.27E-03	4.10E-06	2.20E-03	0.003479	1.21E-03	5.21E-06	4.23E-03	5.44E-03
5855	488604.84	3859963.76	0.08406	0.05962	0.07678	1.25E-03	4.21E-06	2.00E-03	0.003253	1.28E-03	4.14E-06	2.22E-03	0.003504	1.21E-03	5.26E-06	4.27E-03	5.49E-03
5856	488704.51	3859962.56	0.08452	0.06017	0.07762	1.26E-03	4.25E-06	2.02E-03	0.003282	1.29E-03	4.18E-06	2.25E-03	0.003536	1.22E-03	5.31E-06	4.31E-03	5.54E-03
5857	488804.18	3859961.37	0.08505	0.06072	0.07855	1.27E-03	4.29E-06	2.04E-03	0.003314	1.29E-03	4.22E-06	2.27E-03	0.003571	1.23E-03	5.36E-06	4.36E-03	5.60E-03
5858	488903.85	3859960.17	0.08556	0.06122	0.07947	1.27E-03	4.32E-06	2.07E-03	0.003345	1.30E-03	4.25E-06	2.30E-03	0.003605	1.24E-03	5.40E-06	4.42E-03	5.66E-03
5859	489003.52	3859958.97	0.08592	0.0616	0.08015	1.28E-03	4.35E-06	2.09E-03	0.003368	1.31E-03	4.28E-06	2.32E-03	0.00363	1.24E-03	5.44E-06	4.45E-03	5.70E-03
5860	489103.18	3859957.77	0.08612	0.06194	0.08066	1.28E-03	4.37E-06	2.10E-03	0.003385	1.31E-03	4.30E-06	2.33E-03	0.003648	1.24E-03	5.47E-06	4.48E-03	5.73E-03
5861	489201.48	3860046.59	0.08126	0.05929	0.07663	1.21E-03	4.19E-06	1.99E-03	0.003207	1.24E-03	4.12E-06	2.22E-03	0.003457	1.17E-03	5.23E-06	4.26E-03	5.44E-03
5862	489200.11	3860136.61	0.0766	0.05642	0.07233	1.14E-03	3.98E-06	1.88E-03	0.003026	1.16E-03	3.92E-06	2.09E-03	0.003262	1.11E-03	4.98E-06	4.02E-03	5.13E-03
5863	489198.74	3860226.63	0.07235	0.05376	0.06837	1.08E-03	3.80E-06	1.78E-03	0.002859	1.10E-03	3.74E-06	1.98E-03	0.003083	1.05E-03	4.74E-06	3.80E-03	4.85E-03
5864	489197.38	3860316.65	0.06839	0.05121	0.06463	1.02E-03	3.62E-06	1.68E-03	0.002703	1.04E-03	3.56E-06	1.87E-03	0.002914	9.88E-04	4.52E-06	3.59E-03	4.58E-03
5865	489196.01	3860406.68	0.06486	0.04892	0.0613	9.65E-04	3.45E-06	1.59E-03	0.002564	9.86E-04	3.40E-06	1.77E-03	0.002764	9.37E-04	4.32E-06	3.41E-03	4.35E-03
5866	489194.64	3860496.7	0.06144	0.04662	0.05801	9.15E-04	3.29E-06	1.51E-03	0.002427	9.34E-04	3.24E-06	1.68E-03	0.002616	8.88E-04	4.11E-06	3.22E-03	4.12E-03
5867	489193.27	3860586.72	0.05848	0.04464	0.05521	8.70E-04	3.15E-06	1.44E-03	0.00231	8.89E-04	3.10E-06	1.60E-03	0.00249	8.45E-04	3.94E-06	3.07E-03	3.92E-03
5868	489092.02	3860678.13	0.05545	0.04249	0.05213	8.25E-04	3.00E-06	1.36E-03	0.002185	8.43E-04	2.95E-06	1.51E-03	0.002355	8.01E-04	3.75E-06	2.90E-03	3.70E-03
5869	488992.13	3860679.52	0.05517	0.04224	0.05171	8.21E-04	2.98E-06	1.35E-03	0.002169	8.39E-04	2.94E-06	1.50E-03	0.002338	7.97E-04	3.73E-06	2.87E-03	3.67E-03
5870	488892.24	3860680.92	0.05497	0.04201	0.05141	8.18E-04	2.97E-06	1.34E-03	0.002159	8.36E-04	2.92E-06	1.49E-03	0.002327	7.94E-04	3.71E-06	2.86E-03	3.65E-03
5871	488792.36	3860682.31	0.05477	0.04167	0.05109	8.15E-04	2.94E-06	1.33E-03	0.002147	8.33E-04	2.90E-06	1.48E-03	0.002314	7.91E-04	3.68E-06	2.84E-03	3.63E-03

5872	488692.47	3860683.7	0.05468	0.04132	0.05089	8.14E-04	2.92E-06	1.32E-03	0.002141	8.32E-04	2.87E-06	1.47E-03	0.002307	7.90E-04	3.65E-06	2.83E-03	3.62E-03
5873	488592.59	3860685.1	0.05442	0.04077	0.05046	8.10E-04	2.88E-06	1.31E-03	0.002126	8.28E-04	2.83E-06	1.46E-03	0.002291	7.86E-04	3.60E-06	2.80E-03	3.59E-03
5874	488492.71	3860686.49	0.05453	0.04052	0.0504	8.12E-04	2.86E-06	1.31E-03	0.002126	8.29E-04	2.82E-06	1.46E-03	0.002291	7.88E-04	3.58E-06	2.80E-03	3.59E-03
5875	488299.07	3860762.18	0.05315	0.0395	0.04886	7.91E-04	2.79E-06	1.27E-03	0.002065	8.08E-04	2.75E-06	1.41E-03	0.002225	7.68E-04	3.49E-06	2.71E-03	3.49E-03
5876	488205.32	3860764.09	0.05279	0.0394	0.0483	7.86E-04	2.78E-06	1.26E-03	0.002045	8.03E-04	2.74E-06	1.40E-03	0.002203	7.63E-04	3.48E-06	2.68E-03	3.45E-03
5877	488111.56	3860766	0.05231	0.03933	0.04767	7.79E-04	2.78E-06	1.24E-03	0.002022	7.96E-04	2.73E-06	1.38E-03	0.002178	7.56E-04	3.47E-06	2.65E-03	3.41E-03
5878	488017.81	3860767.91	0.05185	0.03929	0.04709	7.72E-04	2.77E-06	1.23E-03	0.002	7.89E-04	2.73E-06	1.36E-03	0.002154	7.49E-04	3.47E-06	2.62E-03	3.37E-03
5879	487924.06	3860769.81	0.05152	0.03929	0.04667	7.67E-04	2.77E-06	1.21E-03	0.001984	7.84E-04	2.73E-06	1.35E-03	0.002137	7.44E-04	3.47E-06	2.59E-03	3.34E-03
5880	487830.31	3860771.72	0.0513	0.03921	0.04636	7.64E-04	2.77E-06	1.21E-03	0.001972	7.80E-04	2.73E-06	1.34E-03	0.002124	7.41E-04	3.46E-06	2.58E-03	3.32E-03
5881	487736.55	3860773.63	0.05118	0.03902	0.04617	7.62E-04	2.76E-06	1.20E-03	0.001966	7.78E-04	2.71E-06	1.34E-03	0.002117	7.40E-04	3.44E-06	2.57E-03	3.31E-03
5882	487642.8	3860775.54	0.05125	0.03875	0.04618	7.63E-04	2.74E-06	1.20E-03	0.001967	7.79E-04	2.69E-06	1.34E-03	0.002118	7.41E-04	3.42E-06	2.57E-03	3.31E-03
5883	487549.48	3860684.71	0.05369	0.03992	0.04832	7.99E-04	2.82E-06	1.26E-03	0.002059	8.17E-04	2.77E-06	1.40E-03	0.002218	7.76E-04	3.52E-06	2.68E-03	3.46E-03
5884	487549.91	3860591.97	0.05593	0.04138	0.05026	8.33E-04	2.92E-06	1.31E-03	0.002143	8.51E-04	2.88E-06	1.45E-03	0.002308	8.08E-04	3.65E-06	2.79E-03	3.60E-03
5885	487550.34	3860499.23	0.05862	0.04313	0.05263	8.73E-04	3.05E-06	1.37E-03	0.002245	8.92E-04	3.00E-06	1.52E-03	0.002418	8.47E-04	3.81E-06	2.92E-03	3.78E-03
5886	487550.76	3860406.49	0.06165	0.04507	0.05529	9.18E-04	3.18E-06	1.44E-03	0.002359	9.38E-04	3.13E-06	1.60E-03	0.002541	8.91E-04	3.98E-06	3.07E-03	3.97E-03
5887	487551.19	3860313.75	0.06475	0.04702	0.05798	9.64E-04	3.32E-06	1.51E-03	0.002476	9.85E-04	3.27E-06	1.68E-03	0.002666	9.36E-04	4.15E-06	3.22E-03	4.16E-03
5888	487551.62	3860221.01	0.06822	0.04918	0.061	1.02E-03	3.47E-06	1.59E-03	0.002606	1.04E-03	3.42E-06	1.77E-03	0.002806	9.86E-04	4.34E-06	3.39E-03	4.38E-03
5889	487552.05	3860128.27	0.07243	0.05176	0.0647	1.08E-03	3.65E-06	1.68E-03	0.002765	1.10E-03	3.60E-06	1.87E-03	0.002977	1.05E-03	4.57E-06	3.60E-03	4.65E-03
5890	487552.48	3860035.53	0.0769	0.05444	0.06861	1.14E-03	3.84E-06	1.78E-03	0.002933	1.17E-03	3.78E-06	1.99E-03	0.003159	1.11E-03	4.80E-06	3.81E-03	4.93E-03
5891	487552.91	3859942.79	0.08121	0.05689	0.07228	1.21E-03	4.02E-06	1.88E-03	0.003093	1.24E-03	3.95E-06	2.09E-03	0.003331	1.17E-03	5.02E-06	4.02E-03	5.19E-03
5892	487553.33	3859850.05	0.08678	0.06003	0.07712	1.29E-03	4.24E-06	2.01E-03	0.003302	1.32E-03	4.17E-06	2.23E-03	0.003556	1.25E-03	5.30E-06	4.29E-03	5.54E-03
5893	487553.76	3859757.31	0.09249	0.06307	0.08199	1.38E-03	4.45E-06	2.13E-03	0.003514	1.41E-03	4.38E-06	2.37E-03	0.003784	1.34E-03	5.56E-06	4.56E-03	5.90E-03
5894	487554.19	3859664.57	0.09892	0.06633	0.08744	1.47E-03	4.68E-06	2.27E-03	0.003752	1.50E-03	4.61E-06	2.53E-03	0.004039	1.43E-03	5.85E-06	4.86E-03	6.29E-03
5895	487460.2	3859571.05	0.10538	0.06967	0.09311	1.57E-03	4.92E-06	2.42E-03	0.003996	1.60E-03	4.84E-06	2.69E-03	0.004302	1.52E-03	6.15E-06	5.17E-03	6.70E-03
5896	487365.78	3859570.27	0.10488	0.06911	0.09299	1.56E-03	4.88E-06	2.42E-03	0.003985	1.60E-03	4.80E-06	2.69E-03	0.004291	1.52E-03	6.10E-06	5.17E-03	6.69E-03
5897	487271.36	3859569.48	0.1043	0.06803	0.09271	1.55E-03	4.80E-06	2.41E-03	0.003969	1.59E-03	4.73E-06	2.68E-03	0.004274	1.51E-03	6.00E-06	5.15E-03	6.66E-03
5898	487176.94	3859568.7	0.10367	0.06689	0.09233	1.54E-03	4.72E-06	2.40E-03	0.00395	1.58E-03	4.65E-06	2.67E-03	0.004253	1.50E-03	5.90E-06	5.13E-03	6.63E-03
5899	487082.51	3859567.92	0.10314	0.0663	0.09202	1.54E-03	4.68E-06	2.39E-03	0.003934	1.57E-03	4.61E-06	2.66E-03	0.004236	1.49E-03	5.85E-06	5.11E-03	6.61E-03
5900	486988.09	3859567.14	0.10246	0.06637	0.09155	1.53E-03	4.69E-06	2.38E-03	0.003912	1.56E-03	4.61E-06	2.65E-03	0.004212	1.48E-03	5.86E-06	5.09E-03	6.57E-03
5901	486893.67	3859566.36	0.10173	0.06706	0.09103	1.51E-03	4.73E-06	2.37E-03	0.003887	1.55E-03	4.66E-06	2.63E-03	0.004186	1.47E-03	5.92E-06	5.06E-03	6.53E-03
5902	486799.25	3859565.58	0.10088	0.06801	0.09043	1.50E-03	4.80E-06	2.35E-03	0.003859	1.53E-03	4.73E-06	2.62E-03	0.004156	1.46E-03	6.00E-06	5.02E-03	6.49E-03
5903	486704.83	3859564.79	0.10005	0.069	0.08983	1.49E-03	4.87E-06	2.34E-03	0.003831	1.52E-03	4.80E-06	2.60E-03	0.004126	1.45E-03	6.09E-06	4.99E-03	6.44E-03
5904	486610.41	3859564.01	0.09924	0.06987	0.08925	1.48E-03	4.93E-06	2.32E-03	0.003804	1.51E-03	4.86E-06	2.58E-03	0.004097	1.43E-03	6.16E-06	4.96E-03	6.40E-03
5905	486515.99	3859563.23	0.09813	0.07029	0.08832	1.46E-03	4.96E-06	2.30E-03	0.003763	1.49E-03	4.89E-06	2.56E-03	0.004053	1.42E-03	6.20E-06	4.91E-03	6.33E-03
5906	486421.57	3859562.45	0.09722	0.07053	0.08758	1.45E-03	4.98E-06	2.28E-03	0.003731	1.48E-03	4.90E-06	2.53E-03	0.004018	1.40E-03	6.22E-06	4.87E-03	6.28E-03
5907	486327.14	3859561.67	0.09647	0.07053	0.08703	1.44E-03	4.98E-06	2.26E-03	0.003705	1.47E-03	4.90E-06	2.52E-03	0.003991	1.39E-03	6.22E-06	4.84E-03	6.24E-03
5908	486232.72	3859560.89	0.09538	0.06997	0.08616	1.42E-03	4.94E-06	2.24E-03	0.003666	1.45E-03	4.86E-06	2.49E-03	0.003949	1.38E-03	6.17E-06	4.79E-03	6.17E-03
5909	486138.3	3859560.1	0.09439	0.06937	0.08544	1.40E-03	4.90E-06	2.22E-03	0.003633	1.44E-03	4.82E-06	2.47E-03	0.003913	1.36E-03	6.12E-06	4.75E-03	6.12E-03
5910	486043.88	3859559.32	0.09335	0.06883	0.08467	1.39E-03	4.86E-06	2.20E-03	0.003597	1.42E-03	4.78E-06	2.45E-03	0.003875	1.35E-03	6.07E-06	4.70E-03	6.06E-03
5911	485949.35	3859463.54	0.09766	0.07282	0.08895	1.45E-03	5.14E-06	2.31E-03	0.003773	1.49E-03	5.06E-06	2.57E-03	0.004064	1.41E-03	6.43E-06	4.94E-03	6.36E-03
5912	485949.24	3859368.55	0.10365	0.0776	0.09454	1.54E-03	5.48E-06	2.46E-03	0.004008	1.58E-03	5.39E-06	2.74E-03	0.004318	1.50E-03	6.85E-06	5.25E-03	6.76E-03
5913	485949.12	3859273.55	0.11036	0.08297	0.10075	1.64E-03	5.86E-06	2.62E-03	0.00427	1.68E-03	5.77E-06	2.92E-03	0.0046	1.59E-03	7.32E-06	5.60E-03	7.20E-03
5914	485949.01	3859178.56	0.1176	0.08879	0.10738	1.75E-03	6.27E-06	2.79E-03	0.00455	1.79E-03	6.17E-06	3.11E-03	0.004902	1.70E-03	7.83E-06	5.97E-03	7.67E-03
5915	485948.9	3859083.56	0.12585	0.09546	0.11498	1.87E-03	6.74E-06	2.99E-03	0.004871	1.91E-03	6.63E-06	3.33E-03	0.005248	1.82E-03	8.42E-06	6.39E-03	8.22E-03
5916	485948.79	3858988.56	0.13441	0.1024	0.12275	2.00E-03	7.23E-06	3.19E-03	0.005201	2.04E-03	7.12E-06	3.55E-03	0.005603	1.94E-03	9.04E-06	6.82E-03	8.77E-03
5917	485948.67	3858893.57	0.14368	0.10982	0.13107	2.14E-03	7.75E-06	3.41E-03	0.005556	2.19E-03	7.63E-06	3.79E-03	0.005986	2.08E-03	9.69E-06	7.28E-03	9.37E-03
5918	485948.56	3858798.57	0.15477	0.11846	0.14105	2.30E-03	8.36E-06	3.67E-03	0.005982	2.35E-03	8.23E-06	4.08E-03	0.006444	2.24E-03	1.05E-05	7.84E-03	1.01E-02

5919	485948.45	3858703.58	0.16559	0.12638	0.15044	2.46E-03	8.92E-06	3.91E-03	0.006388	2.52E-03	8.78E-06	4.35E-03	0.006881	2.39E-03	1.12E-05	8.36E-03	1.08E-02
5920	485948.34	3858608.58	0.17891	0.13578	0.16215	2.66E-03	9.59E-06	4.22E-03	0.006891	2.72E-03	9.44E-06	4.69E-03	0.007423	2.59E-03	1.20E-05	9.01E-03	1.16E-02
5921	485948.22	3858513.59	0.19366	0.14588	0.17511	2.88E-03	1.03E-05	4.56E-03	0.007449	2.95E-03	1.01E-05	5.07E-03	0.008023	2.80E-03	1.29E-05	9.73E-03	1.25E-02
5922	485948.11	3858418.59	0.20963	0.15659	0.18917	3.12E-03	1.11E-05	4.92E-03	0.008053	3.19E-03	1.09E-05	5.47E-03	0.008673	3.03E-03	1.38E-05	1.05E-02	1.36E-02
5923	485948	3858323.59	0.22885	0.16949	0.20628	3.41E-03	1.20E-05	5.37E-03	0.008785	3.48E-03	1.18E-05	5.97E-03	0.009461	3.31E-03	1.50E-05	1.15E-02	1.48E-02
5924	485947.89	3858228.6	0.24914	0.18379	0.22427	3.71E-03	1.30E-05	5.83E-03	0.009556	3.79E-03	1.28E-05	6.49E-03	0.010292	3.60E-03	1.62E-05	1.25E-02	1.61E-02
5925	485947.77	3858133.6	0.27219	0.20275	0.24467	4.05E-03	1.43E-05	6.37E-03	0.010431	4.14E-03	1.41E-05	7.08E-03	0.011234	3.93E-03	1.79E-05	1.36E-02	1.75E-02
5926	485947.66	3858038.61	0.30393	0.22998	0.27251	4.52E-03	1.62E-05	7.09E-03	0.01163	4.62E-03	1.60E-05	7.89E-03	0.012524	4.39E-03	2.03E-05	1.51E-02	1.96E-02
5927	485854.54	3857943.35	0.31568	0.2384	0.28224	4.70E-03	1.68E-05	7.34E-03	0.012058	4.80E-03	1.66E-05	8.17E-03	0.012985	4.56E-03	2.10E-05	1.57E-02	2.03E-02
5928	485761.52	3857943.09	0.29838	0.22308	0.26707	4.44E-03	1.58E-05	6.95E-03	0.011405	4.54E-03	1.55E-05	7.73E-03	0.012282	4.31E-03	1.97E-05	1.48E-02	1.92E-02
5929	485668.51	3857942.83	0.28429	0.21019	0.25478	4.23E-03	1.48E-05	6.63E-03	0.010875	4.32E-03	1.46E-05	7.37E-03	0.011711	4.11E-03	1.85E-05	1.42E-02	1.83E-02
5930	485575.5	3857942.56	0.26962	0.19671	0.24197	4.01E-03	1.39E-05	6.30E-03	0.010322	4.10E-03	1.37E-05	7.00E-03	0.011116	3.90E-03	1.74E-05	1.34E-02	1.74E-02
5931	485482.48	3857942.3	0.25767	0.18463	0.23165	3.84E-03	1.30E-05	6.03E-03	0.009875	3.92E-03	1.28E-05	6.70E-03	0.010635	3.72E-03	1.63E-05	1.29E-02	1.66E-02
5932	485389.47	3857942.04	0.24642	0.17284	0.22193	3.67E-03	1.22E-05	5.77E-03	0.009454	3.75E-03	1.20E-05	6.42E-03	0.010182	3.56E-03	1.53E-05	1.23E-02	1.59E-02
5933	485296.46	3857941.78	0.23605	0.16196	0.21299	3.51E-03	1.14E-05	5.54E-03	0.009066	3.59E-03	1.13E-05	6.16E-03	0.009765	3.41E-03	1.43E-05	1.18E-02	1.53E-02
5934	485203.45	3857941.52	0.22749	0.15307	0.20574	3.39E-03	1.08E-05	5.35E-03	0.008749	3.46E-03	1.06E-05	5.95E-03	0.009424	3.29E-03	1.35E-05	1.14E-02	1.47E-02
5935	485110.43	3857941.26	0.21822	0.14464	0.19767	3.25E-03	1.02E-05	5.14E-03	0.008401	3.32E-03	1.01E-05	5.72E-03	0.009049	3.15E-03	1.28E-05	1.10E-02	1.41E-02
5936	485017.42	3857940.99	0.20913	0.13728	0.18967	3.11E-03	9.69E-06	4.93E-03	0.008057	3.18E-03	9.54E-06	5.49E-03	0.008679	3.02E-03	1.21E-05	1.05E-02	1.36E-02
5937	484924.41	3857940.73	0.20074	0.13113	0.18227	2.99E-03	9.26E-06	4.74E-03	0.007739	3.05E-03	9.11E-06	5.27E-03	0.008337	2.90E-03	1.16E-05	1.01E-02	1.30E-02
5938	484831.39	3857940.47	0.19343	0.12615	0.17592	2.88E-03	8.91E-06	4.58E-03	0.007465	2.94E-03	8.77E-06	5.09E-03	0.008041	2.80E-03	1.11E-05	9.78E-03	1.26E-02
5939	484738.12	3857859.3	0.19588	0.1242	0.17813	2.92E-03	8.77E-06	4.63E-03	0.007559	2.98E-03	8.63E-06	5.15E-03	0.008142	2.83E-03	1.10E-05	9.90E-03	1.27E-02
5940	484737.85	3857778.4	0.20678	0.12788	0.18777	3.08E-03	9.03E-06	4.88E-03	0.007972	3.14E-03	8.89E-06	5.43E-03	0.008587	2.99E-03	1.13E-05	1.04E-02	1.34E-02
5941	484737.59	3857697.49	0.21818	0.1317	0.19776	3.25E-03	9.30E-06	5.14E-03	0.008402	3.32E-03	9.15E-06	5.72E-03	0.00905	3.15E-03	1.16E-05	1.10E-02	1.42E-02
5942	484737.32	3857616.59	0.22991	0.1353	0.20791	3.42E-03	9.55E-06	5.41E-03	0.008841	3.50E-03	9.40E-06	6.02E-03	0.009522	3.32E-03	1.19E-05	1.16E-02	1.49E-02
5943	484645.53	3857535.18	0.23283	0.13531	0.21057	3.47E-03	9.55E-06	5.48E-03	0.008953	3.54E-03	9.40E-06	6.09E-03	0.009644	3.36E-03	1.19E-05	1.17E-02	1.51E-02
5944	484553.99	3857534.67	0.22273	0.13114	0.20189	3.32E-03	9.26E-06	5.25E-03	0.008577	3.39E-03	9.11E-06	5.84E-03	0.009239	3.22E-03	1.16E-05	1.12E-02	1.44E-02
5945	484462.46	3857534.17	0.21409	0.12723	0.19462	3.19E-03	8.98E-06	5.06E-03	0.008259	3.26E-03	8.84E-06	5.63E-03	0.008897	3.09E-03	1.12E-05	1.08E-02	1.39E-02
5946	484370.93	3857533.66	0.20571	0.12305	0.18752	3.06E-03	8.69E-06	4.88E-03	0.007949	3.13E-03	8.55E-06	5.43E-03	0.008563	2.97E-03	1.09E-05	1.04E-02	1.34E-02
5947	484279.4	3857533.16	0.19801	0.11908	0.18104	2.95E-03	8.41E-06	4.71E-03	0.007666	3.01E-03	8.28E-06	5.24E-03	0.008259	2.86E-03	1.05E-05	1.01E-02	1.29E-02
5948	484187.86	3857532.65	0.1905	0.11538	0.17464	2.84E-03	8.15E-06	4.54E-03	0.007387	2.90E-03	8.02E-06	5.05E-03	0.007959	2.75E-03	1.02E-05	9.70E-03	1.25E-02
5949	484096.33	3857532.15	0.18389	0.1126	0.16908	2.74E-03	7.95E-06	4.40E-03	0.007144	2.80E-03	7.83E-06	4.89E-03	0.007697	2.66E-03	9.94E-06	9.40E-03	1.21E-02
5950	484004.8	3857531.64	0.17705	0.11022	0.16313	2.64E-03	7.78E-06	4.24E-03	0.006887	2.69E-03	7.66E-06	4.72E-03	0.007421	2.56E-03	9.73E-06	9.06E-03	1.16E-02
5951	483913.27	3857531.14	0.17004	0.1082	0.15687	2.53E-03	7.64E-06	4.08E-03	0.00662	2.59E-03	7.52E-06	4.54E-03	0.007133	2.46E-03	9.55E-06	8.72E-03	1.12E-02
5952	483821.73	3857530.63	0.16397	0.10704	0.15152	2.44E-03	7.56E-06	3.94E-03	0.00639	2.49E-03	7.44E-06	4.38E-03	0.006886	2.37E-03	9.44E-06	8.42E-03	1.08E-02
5953	483729.61	3857450.11	0.16452	0.11044	0.15223	2.45E-03	7.80E-06	3.96E-03	0.006417	2.50E-03	7.68E-06	4.41E-03	0.006915	2.38E-03	9.74E-06	8.46E-03	1.08E-02
5954	483729.03	3857370.08	0.17195	0.11547	0.15919	2.56E-03	8.15E-06	4.14E-03	0.006709	2.62E-03	8.03E-06	4.61E-03	0.00723	2.48E-03	1.02E-05	8.85E-03	1.13E-02
5955	483728.44	3857290.06	0.17904	0.12039	0.1657	2.66E-03	8.50E-06	4.31E-03	0.006984	2.72E-03	8.37E-06	4.79E-03	0.007526	2.59E-03	1.06E-05	9.21E-03	1.18E-02
5956	483727.86	3857210.03	0.18628	0.12548	0.17231	2.77E-03	8.86E-06	4.48E-03	0.007264	2.83E-03	8.72E-06	4.99E-03	0.007828	2.69E-03	1.11E-05	9.57E-03	1.23E-02
5957	483641.15	3857129.07	0.18717	0.13146	0.17348	2.79E-03	9.28E-06	4.51E-03	0.007309	2.85E-03	9.14E-06	5.02E-03	0.007876	2.70E-03	1.16E-05	9.64E-03	1.24E-02
5958	483555.03	3857128.14	0.1803	0.13166	0.16748	2.68E-03	9.30E-06	4.36E-03	0.00705	2.74E-03	9.15E-06	4.85E-03	0.007598	2.61E-03	1.16E-05	9.31E-03	1.19E-02
5959	483468.91	3857127.2	0.17279	0.13093	0.16072	2.57E-03	9.24E-06	4.18E-03	0.006762	2.63E-03	9.10E-06	4.65E-03	0.007288	2.50E-03	1.16E-05	8.93E-03	1.14E-02
5960	483382.78	3857126.26	0.16722	0.13082	0.15602	2.49E-03	9.24E-06	4.06E-03	0.006557	2.54E-03	9.09E-06	4.51E-03	0.007067	2.42E-03	1.15E-05	8.67E-03	1.11E-02
5961	483296.66	3857125.32	0.16125	0.1299	0.15085	2.40E-03	9.17E-06	3.92E-03	0.006334	2.45E-03	9.03E-06	4.37E-03	0.006827	2.33E-03	1.15E-05	8.38E-03	1.07E-02
5962	483210.54	3857124.39	0.15531	0.12867	0.14568	2.31E-03	9.09E-06	3.79E-03	0.006111	2.36E-03	8.94E-06	4.22E-03	0.006587	2.24E-03	1.14E-05	8.09E-03	1.04E-02
5963	483123.4	3857030.96	0.15582	0.13534	0.14666	2.32E-03	9.56E-06	3.82E-03	0.006144	2.37E-03	9.41E-06	4.24E-03	0.006623	2.25E-03	1.19E-05	8.15E-03	1.04E-02
5964	483122.38	3856938.46	0.16255	0.14451	0.15316	2.42E-03	1.02E-05	3.98E-03	0.006414	2.47E-03	1.00E-05	4.43E-03	0.006914	2.35E-03	1.28E-05	8.51E-03	1.09E-02
5965	483121.35	3856845.97	0.16956	0.15485	0.15997	2.52E-03	1.09E-05	4.16E-03	0.006697	2.58E-03	1.08E-05	4.63E-03	0.007219	2.45E-03	1.37E-05	8.89E-03	1.14E-02

5966	483120.33	3856753.47	0.17565	0.16524	0.16576	2.61E-03	1.17E-05	4.31E-03	0.006939	2.67E-03	1.15E-05	4.80E-03	0.00748	2.54E-03	1.46E-05	9.21E-03	1.18E-02
5967	483119.31	3856660.98	0.182	0.17649	0.17181	2.71E-03	1.25E-05	4.47E-03	0.007191	2.77E-03	1.23E-05	4.97E-03	0.007752	2.63E-03	1.56E-05	9.55E-03	1.22E-02
5968	483118.29	3856568.49	0.18927	0.18929	0.17884	2.82E-03	1.34E-05	4.65E-03	0.007483	2.88E-03	1.32E-05	5.18E-03	0.008067	2.73E-03	1.67E-05	9.94E-03	1.27E-02
5969	483117.26	3856475.99	0.19728	0.20383	0.18669	2.94E-03	1.44E-05	4.86E-03	0.007808	3.00E-03	1.42E-05	5.40E-03	0.008417	2.85E-03	1.80E-05	1.04E-02	1.32E-02
5970	483116.24	3856383.5	0.20521	0.21959	0.19443	3.05E-03	1.55E-05	5.06E-03	0.008128	3.12E-03	1.53E-05	5.63E-03	0.008763	2.97E-03	1.94E-05	1.08E-02	1.38E-02
5971	483115.22	3856291.01	0.21376	0.23754	0.20285	3.18E-03	1.68E-05	5.28E-03	0.008476	3.25E-03	1.65E-05	5.87E-03	0.009137	3.09E-03	2.10E-05	1.13E-02	1.44E-02
5972	483114.2	3856198.51	0.22206	0.2567	0.21095	3.31E-03	1.81E-05	5.49E-03	0.008811	3.38E-03	1.78E-05	6.10E-03	0.009499	3.21E-03	2.26E-05	1.17E-02	1.50E-02
5973	483113.17	3856106.02	0.23311	0.28114	0.22208	3.47E-03	1.99E-05	5.78E-03	0.009267	3.55E-03	1.95E-05	6.43E-03	0.009991	3.37E-03	2.48E-05	1.23E-02	1.57E-02
5974	483112.15	3856013.52	0.24353	0.30729	0.23239	3.62E-03	2.17E-05	6.05E-03	0.009692	3.70E-03	2.14E-05	6.72E-03	0.01045	3.52E-03	2.71E-05	1.29E-02	1.65E-02
5975	483029.25	3855920.47	0.24234	0.32425	0.23324	3.61E-03	2.29E-05	6.07E-03	0.009698	3.69E-03	2.25E-05	6.75E-03	0.010458	3.50E-03	2.86E-05	1.30E-02	1.65E-02
5976	482947.37	3855919.91	0.22939	0.30897	0.22204	3.41E-03	2.18E-05	5.78E-03	0.009213	3.49E-03	2.15E-05	6.43E-03	0.009935	3.31E-03	2.73E-05	1.23E-02	1.57E-02
5977	482865.49	3855919.36	0.21704	0.2943	0.21109	3.23E-03	2.08E-05	5.49E-03	0.008743	3.30E-03	2.05E-05	6.11E-03	0.00943	3.14E-03	2.60E-05	1.17E-02	1.49E-02
5978	482783.61	3855918.8	0.20657	0.28232	0.20188	3.07E-03	1.99E-05	5.25E-03	0.008347	3.14E-03	1.96E-05	5.84E-03	0.009003	2.98E-03	2.49E-05	1.12E-02	1.42E-02
5979	482700.33	3855818.39	0.20363	0.29899	0.20067	3.03E-03	2.11E-05	5.22E-03	0.008273	3.10E-03	2.08E-05	5.81E-03	0.008925	2.94E-03	2.64E-05	1.12E-02	1.41E-02
5980	482698.92	3855718.54	0.21254	0.33183	0.21066	3.16E-03	2.34E-05	5.48E-03	0.008668	3.23E-03	2.31E-05	6.10E-03	0.009351	3.07E-03	2.93E-05	1.17E-02	1.48E-02
5981	482697.52	3855618.68	0.2209	0.36338	0.22028	3.29E-03	2.57E-05	5.73E-03	0.009044	3.36E-03	2.53E-05	6.37E-03	0.009759	3.19E-03	3.21E-05	1.22E-02	1.55E-02
5982	482696.11	3855518.83	0.23137	0.39863	0.2327	3.44E-03	2.81E-05	6.05E-03	0.009526	3.52E-03	2.77E-05	6.73E-03	0.01028	3.34E-03	3.52E-05	1.29E-02	1.63E-02
5983	482694.71	3855418.98	0.24061	0.43146	0.24418	3.58E-03	3.05E-05	6.35E-03	0.009964	3.66E-03	3.00E-05	7.07E-03	0.010755	3.48E-03	3.81E-05	1.36E-02	1.71E-02
5984	482693.3	3855319.13	0.25039	0.46531	0.25702	3.73E-03	3.29E-05	6.69E-03	0.010446	3.81E-03	3.23E-05	7.44E-03	0.011278	3.62E-03	4.11E-05	1.43E-02	1.79E-02
5985	482691.9	3855219.27	0.26218	0.50213	0.27307	3.90E-03	3.55E-05	7.10E-03	0.011042	3.99E-03	3.49E-05	7.90E-03	0.011924	3.79E-03	4.43E-05	1.52E-02	1.90E-02
5986	482690.49	3855119.42	0.27326	0.53312	0.28885	4.07E-03	3.76E-05	7.51E-03	0.01162	4.16E-03	3.71E-05	8.36E-03	0.012552	3.95E-03	4.70E-05	1.61E-02	2.00E-02
5987	482689.09	3855019.57	0.28914	0.56661	0.31237	4.30E-03	4.00E-05	8.13E-03	0.01247	4.40E-03	3.94E-05	9.04E-03	0.013476	4.18E-03	5.00E-05	1.74E-02	2.16E-02
5988	482687.68	3854919.71	0.30137	0.57623	0.334	4.49E-03	4.07E-05	8.69E-03	0.013216	4.58E-03	4.00E-05	9.67E-03	0.014289	4.35E-03	5.08E-05	1.86E-02	2.30E-02
5989	482686.28	3854819.86	0.31708	0.5785	0.36147	4.72E-03	4.08E-05	9.40E-03	0.014164	4.82E-03	4.02E-05	1.05E-02	0.015323	4.58E-03	5.10E-05	2.01E-02	2.47E-02
5990	482684.88	3854720.01	0.32763	0.5572	0.38362	4.88E-03	3.93E-05	9.98E-03	0.014896	4.98E-03	3.87E-05	1.11E-02	0.016123	4.73E-03	4.92E-05	2.13E-02	2.61E-02
5991	482683.47	3854620.16	0.34159	0.51577	0.41125	5.08E-03	3.64E-05	1.07E-02	0.01582	5.20E-03	3.58E-05	1.19E-02	0.017131	4.94E-03	4.55E-05	2.29E-02	2.78E-02
5992	482682.07	3854520.31	0.34314	0.44771	0.42433	5.11E-03	3.16E-05	1.10E-02	0.016179	5.22E-03	3.11E-05	1.23E-02	0.017529	4.96E-03	3.95E-05	2.36E-02	2.86E-02
5993	482680.66	3854420.45	0.33173	0.37871	0.42324	4.94E-03	2.67E-05	1.10E-02	0.015975	5.05E-03	2.63E-05	1.22E-02	0.017319	4.79E-03	3.34E-05	2.35E-02	2.83E-02
5994	482679.26	3854320.6	0.31031	0.32399	0.4096	4.62E-03	2.29E-05	1.07E-02	0.015298	4.72E-03	2.25E-05	1.19E-02	0.016595	4.48E-03	2.86E-05	2.28E-02	2.73E-02
5995	482677.85	3854220.75	0.30394	0.2792	0.39536	4.52E-03	1.97E-05	1.03E-02	0.014829	4.62E-03	1.94E-05	1.14E-02	0.016083	4.39E-03	2.46E-05	2.20E-02	2.64E-02
5996	482676.45	3854120.9	0.27809	0.24576	0.3537	4.14E-03	1.74E-05	9.20E-03	0.013358	4.23E-03	1.71E-05	1.02E-02	0.014482	4.02E-03	2.17E-05	1.97E-02	2.37E-02
5997	482675.04	3854021.04	0.25916	0.21958	0.31041	3.86E-03	1.55E-05	8.08E-03	0.011949	3.94E-03	1.53E-05	8.98E-03	0.012939	3.74E-03	1.94E-05	1.72E-02	2.10E-02
5998	482673.64	3853921.19	0.24167	0.19713	0.26151	3.60E-03	1.39E-05	6.80E-03	0.010415	3.68E-03	1.37E-05	7.57E-03	0.011257	3.49E-03	1.74E-05	1.45E-02	1.80E-02
5999	482672.23	3853821.34	0.23184	0.17708	0.21566	3.45E-03	1.25E-05	5.61E-03	0.009074	3.53E-03	1.23E-05	6.24E-03	0.009779	3.35E-03	1.56E-05	1.20E-02	1.53E-02
6000	482670.83	3853721.48	0.22087	0.15717	0.16624	3.29E-03	1.11E-05	4.32E-03	0.007624	3.36E-03	1.09E-05	4.81E-03	0.008181	3.19E-03	1.39E-05	9.24E-03	1.24E-02
6001	482669.42	3853621.63	0.20354	0.13803	0.12465	3.03E-03	9.75E-06	3.24E-03	0.006282	3.10E-03	9.59E-06	3.61E-03	0.006712	2.94E-03	1.22E-05	6.93E-03	9.88E-03
6002	482645.99	3853446.13	0.13686	0.11045	0.0881	2.04E-03	7.80E-06	2.29E-03	0.004337	2.08E-03	7.68E-06	2.55E-03	0.004639	1.98E-03	9.75E-06	4.90E-03	6.88E-03
6003	482623.97	3853370.48	0.10846	0.10119	0.07938	1.61E-03	7.14E-06	2.07E-03	0.003687	1.65E-03	7.03E-06	2.30E-03	0.003954	1.57E-03	8.93E-06	4.41E-03	5.99E-03
6004	482601.94	3853294.84	0.09202	0.09319	0.07251	1.37E-03	6.58E-06	1.89E-03	0.003263	1.40E-03	6.48E-06	2.10E-03	0.003504	1.33E-03	8.22E-06	4.03E-03	5.37E-03
6005	482531.29	3853133.44	0.07283	0.07984	0.06181	1.08E-03	5.64E-06	1.61E-03	0.002698	1.11E-03	5.55E-06	1.79E-03	0.002902	1.05E-03	7.04E-06	3.43E-03	4.49E-03
6006	482482.68	3853047.69	0.06656	0.07425	0.05757	9.91E-04	5.24E-06	1.50E-03	0.002494	1.01E-03	5.16E-06	1.67E-03	0.002683	9.62E-04	6.55E-06	3.20E-03	4.17E-03
6007	482383.09	3852897.4	0.05828	0.06593	0.05139	8.67E-04	4.66E-06	1.34E-03	0.002209	8.86E-04	4.58E-06	1.49E-03	0.002378	8.42E-04	5.82E-06	2.86E-03	3.70E-03
6008	482265.64	3852765.26	0.05304	0.06012	0.04737	7.89E-04	4.24E-06	1.23E-03	0.002026	8.07E-04	4.18E-06	1.37E-03	0.002182	7.66E-04	5.30E-06	2.63E-03	3.40E-03
6009	482199.16	3852697.66	0.05081	0.0575	0.04563	7.56E-04	4.06E-06	1.19E-03	0.001947	7.73E-04	4.00E-06	1.32E-03	0.002097	7.34E-04	5.07E-06	2.54E-03	3.27E-03
6010	482132.69	3852630.07	0.04875	0.05506	0.04401	7.26E-04	3.89E-06	1.14E-03	0.001874	7.41E-04	3.83E-06	1.27E-03	0.002019	7.04E-04	4.86E-06	2.45E-03	3.15E-03
6011	482066.21	3852562.48	0.04685	0.05278	0.04246	6.97E-04	3.73E-06	1.10E-03	0.001806	7.13E-04	3.67E-06	1.23E-03	0.001945	6.77E-04	4.66E-06	2.36E-03	3.04E-03
6012	481999.74	3852494.89	0.0451	0.05066	0.04097	6.71E-04	3.58E-06	1.07E-03	0.001741	6.86E-04	3.52E-06	1.19E-03	0.001875	6.52E-04	4.47E-06	2.28E-03	2.93E-03

6013	481933.26	3852427.29	0.04347	0.0487	0.03957	6.47E-04	3.44E-06	1.03E-03	0.00168	6.61E-04	3.38E-06	1.15E-03	0.00181	6.28E-04	4.30E-06	2.20E-03	2.83E-03
6014	481866.79	3852359.7	0.04189	0.04685	0.03825	6.24E-04	3.31E-06	9.95E-04	0.001622	6.37E-04	3.26E-06	1.11E-03	0.001747	6.05E-04	4.13E-06	2.13E-03	2.73E-03
6015	481800.31	3852292.11	0.0404	0.04511	0.03698	6.01E-04	3.19E-06	9.62E-04	0.001567	6.14E-04	3.14E-06	1.07E-03	0.001688	5.84E-04	3.98E-06	2.05E-03	2.64E-03
6016	481733.84	3852224.52	0.03902	0.04349	0.03577	5.81E-04	3.07E-06	9.31E-04	0.001514	5.93E-04	3.02E-06	1.04E-03	0.001632	5.64E-04	3.84E-06	1.99E-03	2.56E-03
6017	481667.36	3852156.92	0.03761	0.04196	0.03463	5.60E-04	2.96E-06	9.01E-04	0.001464	5.72E-04	2.92E-06	1.00E-03	0.001577	5.43E-04	3.70E-06	1.92E-03	2.47E-03
6018	481600.89	3852089.33	0.03645	0.04056	0.03357	5.43E-04	2.86E-06	8.73E-04	0.001419	5.54E-04	2.82E-06	9.71E-04	0.001529	5.27E-04	3.58E-06	1.87E-03	2.40E-03
6019	481534.41	3852021.74	0.03539	0.03926	0.03257	5.27E-04	2.77E-06	8.47E-04	0.001377	5.38E-04	2.73E-06	9.42E-04	0.001483	5.11E-04	3.46E-06	1.81E-03	2.32E-03
6020	481467.94	3851954.15	0.03436	0.03802	0.03162	5.11E-04	2.68E-06	8.23E-04	0.001337	5.23E-04	2.64E-06	9.15E-04	0.00144	4.97E-04	3.35E-06	1.76E-03	2.26E-03
6021	481401.46	3851886.55	0.03331	0.03683	0.03071	4.96E-04	2.60E-06	7.99E-04	0.001297	5.07E-04	2.56E-06	8.89E-04	0.001398	4.81E-04	3.25E-06	1.71E-03	2.19E-03
6022	481265.87	3851761.43	0.03165	0.03492	0.02922	4.71E-04	2.47E-06	7.60E-04	0.001234	4.81E-04	2.43E-06	8.46E-04	0.001329	4.57E-04	3.08E-06	1.62E-03	2.08E-03
6023	481196.74	3851703.89	0.03093	0.03414	0.0286	4.60E-04	2.41E-06	7.44E-04	0.001207	4.70E-04	2.37E-06	8.28E-04	0.0013	4.47E-04	3.01E-06	1.59E-03	2.04E-03
6024	481076.33	3851619.04	0.02997	0.03271	0.0278	4.46E-04	2.31E-06	7.23E-04	0.001172	4.56E-04	2.27E-06	8.04E-04	0.001263	4.33E-04	2.89E-06	1.54E-03	1.98E-03
6025	480939.8	3851549.07	0.02921	0.03226	0.02728	4.35E-04	2.28E-06	7.10E-04	0.001147	4.44E-04	2.24E-06	7.89E-04	0.001236	4.22E-04	2.85E-06	1.52E-03	1.94E-03
6026	480854.56	3851506.41	0.02876	0.03208	0.02697	4.28E-04	2.27E-06	7.02E-04	0.001132	4.37E-04	2.23E-06	7.80E-04	0.00122	4.16E-04	2.83E-06	1.50E-03	1.92E-03
6027	480769.32	3851463.75	0.02828	0.0319	0.02677	4.21E-04	2.25E-06	6.96E-04	0.00112	4.30E-04	2.22E-06	7.75E-04	0.001207	4.09E-04	2.81E-06	1.49E-03	1.90E-03
6028	480684.08	3851421.08	0.0278	0.03181	0.02648	4.14E-04	2.25E-06	6.89E-04	0.001105	4.23E-04	2.21E-06	7.66E-04	0.001191	4.02E-04	2.81E-06	1.47E-03	1.88E-03
6029	480598.84	3851378.42	0.02737	0.03164	0.02619	4.07E-04	2.23E-06	6.81E-04	0.001091	4.16E-04	2.20E-06	7.58E-04	0.001176	3.96E-04	2.79E-06	1.46E-03	1.85E-03
6030	480435.71	3851275.01	0.02625	0.03076	0.02535	3.91E-04	2.17E-06	6.60E-04	0.001052	3.99E-04	2.14E-06	7.34E-04	0.001135	3.79E-04	2.71E-06	1.41E-03	1.79E-03
6031	480347.85	3851232.36	0.02577	0.03043	0.025	3.84E-04	2.15E-06	6.50E-04	0.001036	3.92E-04	2.11E-06	7.23E-04	0.001117	3.72E-04	2.68E-06	1.39E-03	1.76E-03
6032	480260	3851189.72	0.02526	0.03	0.02461	3.76E-04	2.12E-06	6.40E-04	0.001018	3.84E-04	2.09E-06	7.12E-04	0.001098	3.65E-04	2.65E-06	1.37E-03	1.74E-03
6033	480172.15	3851147.07	0.02474	0.02947	0.02417	3.68E-04	2.08E-06	6.29E-04	0.000999	3.76E-04	2.05E-06	6.99E-04	0.001078	3.57E-04	2.60E-06	1.34E-03	1.70E-03
6034	480084.29	3851104.42	0.02418	0.02885	0.02368	3.60E-04	2.04E-06	6.16E-04	0.000978	3.68E-04	2.01E-06	6.85E-04	0.001055	3.49E-04	2.55E-06	1.32E-03	1.67E-03
6035	479996.44	3851061.77	0.02359	0.02813	0.02314	3.51E-04	1.99E-06	6.02E-04	0.000955	3.59E-04	1.96E-06	6.70E-04	0.00103	3.41E-04	2.48E-06	1.29E-03	1.63E-03
6036	479908.58	3851019.13	0.02282	0.02719	0.02249	3.40E-04	1.92E-06	5.85E-04	0.000927	3.47E-04	1.89E-06	6.51E-04	0.001	3.30E-04	2.40E-06	1.25E-03	1.58E-03
6037	479820.73	3850976.48	0.02219	0.02632	0.02184	3.30E-04	1.86E-06	5.68E-04	0.0009	3.37E-04	1.83E-06	6.32E-04	0.000971	3.21E-04	2.32E-06	1.21E-03	1.54E-03
6038	479732.88	3850933.83	0.02156	0.02542	0.02117	3.21E-04	1.79E-06	5.51E-04	0.000873	3.28E-04	1.77E-06	6.13E-04	0.000942	3.12E-04	2.24E-06	1.18E-03	1.49E-03
6039	479645.02	3850891.18	0.02093	0.0245	0.02049	3.12E-04	1.73E-06	5.33E-04	0.000846	3.18E-04	1.70E-06	5.93E-04	0.000913	3.02E-04	2.16E-06	1.14E-03	1.44E-03
6040	479557.17	3850848.54	0.02034	0.0236	0.01981	3.03E-04	1.67E-06	5.15E-04	0.00082	3.09E-04	1.64E-06	5.73E-04	0.000884	2.94E-04	2.08E-06	1.10E-03	1.40E-03
6041	479469.32	3850805.89	0.01962	0.02256	0.01906	2.92E-04	1.59E-06	4.96E-04	0.000789	2.98E-04	1.57E-06	5.52E-04	0.000852	2.84E-04	1.99E-06	1.06E-03	1.34E-03
6042	479381.46	3850763.24	0.01907	0.02169	0.0184	2.84E-04	1.53E-06	4.79E-04	0.000764	2.90E-04	1.51E-06	5.32E-04	0.000824	2.76E-04	1.91E-06	1.02E-03	1.30E-03
6043	479293.61	3850720.59	0.0186	0.0209	0.0178	2.77E-04	1.48E-06	4.63E-04	0.000741	2.83E-04	1.45E-06	5.15E-04	0.000799	2.69E-04	1.84E-06	9.89E-04	1.26E-03
6044	479205.76	3850677.95	0.0181	0.02007	0.01718	2.69E-04	1.42E-06	4.47E-04	0.000718	2.75E-04	1.39E-06	4.97E-04	0.000774	2.62E-04	1.77E-06	9.55E-04	1.22E-03
6045	479117.9	3850635.3	0.01765	0.01931	0.0166	2.63E-04	1.36E-06	4.32E-04	0.000696	2.68E-04	1.34E-06	4.80E-04	0.00075	2.55E-04	1.70E-06	9.22E-04	1.18E-03
6046	479030.05	3850592.65	0.01715	0.01853	0.01601	2.55E-04	1.31E-06	4.17E-04	0.000673	2.61E-04	1.29E-06	4.63E-04	0.000725	2.48E-04	1.63E-06	8.90E-04	1.14E-03
6047	478942.19	3850550	0.01647	0.01763	0.01533	2.45E-04	1.24E-06	3.99E-04	0.000645	2.50E-04	1.23E-06	4.44E-04	0.000695	2.38E-04	1.56E-06	8.52E-04	1.09E-03
6048	478854.34	3850507.36	0.01543	0.01646	0.01447	2.30E-04	1.16E-06	3.76E-04	0.000607	2.35E-04	1.14E-06	4.19E-04	0.000655	2.23E-04	1.45E-06	8.04E-04	1.03E-03
6049	478766.49	3850464.71	0.01471	0.01561	0.01381	2.19E-04	1.10E-06	3.59E-04	0.000579	2.24E-04	1.08E-06	4.00E-04	0.000624	2.13E-04	1.38E-06	7.67E-04	9.81E-04
6050	478678.63	3850422.06	0.01411	0.01489	0.01324	2.10E-04	1.05E-06	3.44E-04	0.000556	2.15E-04	1.03E-06	3.83E-04	0.000599	2.04E-04	1.31E-06	7.36E-04	9.41E-04
6051	478590.78	3850379.41	0.01351	0.0142	0.01268	2.01E-04	1.00E-06	3.30E-04	0.000532	2.05E-04	9.87E-07	3.67E-04	0.000573	1.95E-04	1.25E-06	7.05E-04	9.01E-04
6052	478502.93	3850336.77	0.01303	0.01366	0.01222	1.94E-04	9.65E-07	3.18E-04	0.000513	1.98E-04	9.49E-07	3.54E-04	0.000553	1.88E-04	1.21E-06	6.79E-04	8.69E-04
6053	478415.07	3850294.12	0.01263	0.0132	0.01182	1.88E-04	9.32E-07	3.08E-04	0.000496	1.92E-04	9.17E-07	3.42E-04	0.000535	1.83E-04	1.16E-06	6.57E-04	8.40E-04
6054	478327.22	3850251.47	0.01216	0.0127	0.01138	1.81E-04	8.97E-07	2.96E-04	0.000478	1.85E-04	8.83E-07	3.29E-04	0.000515	1.76E-04	1.12E-06	6.32E-04	8.09E-04
6055	478239.36	3850208.82	0.01176	0.01229	0.01101	1.75E-04	8.68E-07	2.86E-04	0.000462	1.79E-04	8.54E-07	3.19E-04	0.000498	1.70E-04	1.08E-06	6.12E-04	7.83E-04
6056	478151.51	3850166.18	0.01142	0.01195	0.0107	1.70E-04	8.44E-07	2.78E-04	0.000449	1.74E-04	8.31E-07	3.10E-04	0.000484	1.65E-04	1.05E-06	5.95E-04	7.61E-04
6057	478063.66	3850123.53	0.01113	0.01167	0.01043	1.66E-04	8.24E-07	2.71E-04	0.000438	1.69E-04	8.11E-07	3.02E-04	0.000472	1.61E-04	1.03E-06	5.80E-04	7.41E-04
6058	477975.8	3850080.88	0.01126	0.01175	0.01045	1.68E-04	8.30E-07	2.72E-04	0.00044	1.71E-04	8.17E-07	3.02E-04	0.000474	1.63E-04	1.04E-06	5.81E-04	7.44E-04
6059	477887.95	3850038.23	0.01113	0.01161	0.01029	1.66E-04	8.20E-07	2.68E-04	0.000434	1.69E-04	8.07E-07	2.98E-04	0.000468	1.61E-04	1.02E-06	5.72E-04	7.34E-04

6060	477800.1	3849995.59	0.01107	0.01153	0.01018	1.65E-04	8.14E-07	2.65E-04	0.00043	1.68E-04	8.01E-07	2.95E-04	0.000464	1.60E-04	1.02E-06	5.66E-04	7.27E-04
6061	477712.24	3849952.94	0.01092	0.01138	0.01003	1.63E-04	8.04E-07	2.61E-04	0.000424	1.66E-04	7.91E-07	2.90E-04	0.000457	1.58E-04	1.00E-06	5.57E-04	7.16E-04
6062	477624.39	3849910.29	0.01077	0.01125	0.00989	1.60E-04	7.94E-07	2.57E-04	0.000418	1.64E-04	7.82E-07	2.86E-04	0.000451	1.56E-04	9.93E-07	5.50E-04	7.06E-04
6063	477536.54	3849867.64	0.01067	0.01115	0.00977	1.59E-04	7.87E-07	2.54E-04	0.000414	1.62E-04	7.75E-07	2.83E-04	0.000446	1.54E-04	9.84E-07	5.43E-04	6.98E-04
6064	477448.68	3849825	0.0105	0.01102	0.00964	1.56E-04	7.78E-07	2.51E-04	0.000408	1.60E-04	7.66E-07	2.79E-04	0.000439	1.52E-04	9.72E-07	5.36E-04	6.88E-04
6065	477360.83	3849782.35	0.01036	0.0109	0.00952	1.54E-04	7.70E-07	2.48E-04	0.000403	1.58E-04	7.58E-07	2.75E-04	0.000434	1.50E-04	9.62E-07	5.29E-04	6.80E-04
6066	477272.97	3849739.7	0.01023	0.01079	0.00941	1.52E-04	7.62E-07	2.45E-04	0.000398	1.56E-04	7.50E-07	2.72E-04	0.000429	1.48E-04	9.52E-07	5.23E-04	6.72E-04
6067	477185.12	3849697.05	0.01013	0.01071	0.00933	1.51E-04	7.56E-07	2.43E-04	0.000394	1.54E-04	7.44E-07	2.70E-04	0.000425	1.46E-04	9.45E-07	5.18E-04	6.66E-04
6068	477097.27	3849654.41	0.00999	0.0106	0.00922	1.49E-04	7.48E-07	2.40E-04	0.000389	1.52E-04	7.37E-07	2.67E-04	0.000419	1.44E-04	9.35E-07	5.12E-04	6.58E-04
6069	477009.41	3849611.76	0.00975	0.01043	0.00908	1.45E-04	7.36E-07	2.36E-04	0.000382	1.48E-04	7.25E-07	2.63E-04	0.000412	1.41E-04	9.20E-07	5.05E-04	6.46E-04
6070	476841.49	3849530.08	0.00952	0.01024	0.0089	1.42E-04	7.23E-07	2.32E-04	0.000374	1.45E-04	7.12E-07	2.58E-04	0.000403	1.38E-04	9.04E-07	4.95E-04	6.33E-04
6071	476761.41	3849491.05	0.00946	0.01017	0.00885	1.41E-04	7.18E-07	2.30E-04	0.000372	1.44E-04	7.07E-07	2.56E-04	0.000401	1.37E-04	8.97E-07	4.92E-04	6.29E-04
6072	476681.34	3849452.02	0.00935	0.01007	0.00876	1.39E-04	7.11E-07	2.28E-04	0.000368	1.42E-04	7.00E-07	2.53E-04	0.000396	1.35E-04	8.89E-07	4.87E-04	6.23E-04
6073	476601.26	3849412.99	0.00921	0.00994	0.00866	1.37E-04	7.02E-07	2.25E-04	0.000363	1.40E-04	6.91E-07	2.51E-04	0.000391	1.33E-04	8.77E-07	4.81E-04	6.15E-04
6074	476456.32	3849353.67	0.00895	0.0097	0.00848	1.33E-04	6.85E-07	2.21E-04	0.000355	1.36E-04	6.74E-07	2.45E-04	0.000382	1.29E-04	8.56E-07	4.71E-04	6.01E-04
6075	476305.43	3849318.83	0.00904	0.00977	0.00855	1.35E-04	6.90E-07	2.22E-04	0.000358	1.37E-04	6.79E-07	2.47E-04	0.000386	1.31E-04	8.62E-07	4.75E-04	6.07E-04
6076	476129.36	3849289.99	0.00907	0.00978	0.00859	1.35E-04	6.91E-07	2.23E-04	0.000359	1.38E-04	6.80E-07	2.49E-04	0.000387	1.31E-04	8.63E-07	4.77E-04	6.09E-04
6077	476039.31	3849275.68	0.00909	0.00979	0.00861	1.35E-04	6.91E-07	2.24E-04	0.00036	1.38E-04	6.80E-07	2.49E-04	0.000388	1.31E-04	8.64E-07	4.78E-04	6.11E-04
6078	475949.26	3849261.38	0.00896	0.00967	0.00853	1.33E-04	6.83E-07	2.22E-04	0.000356	1.36E-04	6.72E-07	2.47E-04	0.000384	1.29E-04	8.53E-07	4.74E-04	6.04E-04
6079	475859.21	3849247.08	0.00895	0.00964	0.00852	1.33E-04	6.81E-07	2.22E-04	0.000356	1.36E-04	6.70E-07	2.47E-04	0.000383	1.29E-04	8.51E-07	4.73E-04	6.04E-04
6080	475769.16	3849232.77	0.00889	0.00958	0.00848	1.32E-04	6.76E-07	2.21E-04	0.000354	1.35E-04	6.66E-07	2.45E-04	0.000381	1.28E-04	8.45E-07	4.71E-04	6.01E-04
6081	475585.22	3849219.27	0.00772	0.00829	0.00751	1.15E-04	5.85E-07	1.95E-04	0.000311	1.17E-04	5.76E-07	2.17E-04	0.000335	1.12E-04	7.31E-07	4.17E-04	5.30E-04
6082	475444.49	3849150.35	0.00831	0.00895	0.00802	1.24E-04	6.32E-07	2.09E-04	0.000333	1.26E-04	6.22E-07	2.32E-04	0.000359	1.20E-04	7.90E-07	4.46E-04	5.67E-04
6083	475334.17	3849118.71	0.0084	0.00905	0.00809	1.25E-04	6.39E-07	2.10E-04	0.000336	1.28E-04	6.29E-07	2.34E-04	0.000362	1.21E-04	7.99E-07	4.50E-04	5.72E-04
6084	475230.47	3849060.56	0.00829	0.00893	0.00799	1.23E-04	6.31E-07	2.08E-04	0.000332	1.26E-04	6.21E-07	2.31E-04	0.000358	1.20E-04	7.88E-07	4.44E-04	5.65E-04
6085	475110.86	3848960.97	0.00808	0.00868	0.00778	1.20E-04	6.13E-07	2.02E-04	0.000323	1.23E-04	6.03E-07	2.25E-04	0.000349	1.17E-04	7.66E-07	4.32E-04	5.50E-04
6086	475037.79	3848896.28	0.00788	0.00845	0.0076	1.17E-04	5.97E-07	1.98E-04	0.000316	1.20E-04	5.87E-07	2.20E-04	0.00034	1.14E-04	7.46E-07	4.22E-04	5.37E-04
6087	474964.72	3848831.59	0.00769	0.00823	0.00742	1.14E-04	5.81E-07	1.93E-04	0.000308	1.17E-04	5.72E-07	2.15E-04	0.000332	1.11E-04	7.26E-07	4.12E-04	5.24E-04
6088	474891.65	3848766.9	0.00757	0.0081	0.00731	1.13E-04	5.72E-07	1.90E-04	0.000303	1.15E-04	5.63E-07	2.12E-04	0.000327	1.09E-04	7.15E-07	4.06E-04	5.16E-04
6089	474818.58	3848702.21	0.00748	0.008	0.00722	1.11E-04	5.65E-07	1.88E-04	0.0003	1.14E-04	5.56E-07	2.09E-04	0.000323	1.08E-04	7.06E-07	4.01E-04	5.10E-04
6090	474745.51	3848637.53	0.00755	0.00806	0.00726	1.12E-04	5.69E-07	1.89E-04	0.000302	1.15E-04	5.60E-07	2.10E-04	0.000325	1.09E-04	7.11E-07	4.03E-04	5.13E-04
6091	474672.44	3848572.84	0.0075	0.008	0.00721	1.12E-04	5.65E-07	1.88E-04	0.0003	1.14E-04	5.56E-07	2.09E-04	0.000323	1.08E-04	7.06E-07	4.01E-04	5.10E-04
6092	474599.37	3848508.15	0.00735	0.00782	0.00706	1.09E-04	5.52E-07	1.84E-04	0.000294	1.12E-04	5.44E-07	2.04E-04	0.000317	1.06E-04	6.90E-07	3.92E-04	4.99E-04
6093	474526.3	3848443.46	0.00724	0.0077	0.00696	1.08E-04	5.44E-07	1.81E-04	0.000289	1.10E-04	5.35E-07	2.01E-04	0.000312	1.05E-04	6.79E-07	3.87E-04	4.92E-04

			PM2.5			2028				2033				2048			
			24 HR			Rates (g/s):	1.49E-02	7.06E-05	2.60E-02		1.52E-02	6.95E-05	2.89E-02		1.45E-02	8.82E-05	5.56E-02	
			Concentration [ug/m^3] at 1 g/s				Concentration [ug/m^3]				Concentration [ug/m^3]				Concentration [ug/m^3]			
	X	Y	BSY (SLINE:	BSY-Idle (P/	BSY-Switchers (I		BSY	BSY-Idle	BSY-Switcl	Total	BSY	BSY-Idle	BSY-Switcl	Total	BSY	BSY-Idle	BSY-Switcl	Total
1	485973.61	3854936.51	0.66459	1.71433	0.58145		9.89E-03	1.21E-04	1.51E-02	0.02514	1.01E-02	1.19E-04	1.68E-02	0.027052	9.60E-03	1.51E-04	3.23E-02	4.21E-02
2	486023.61	3854936.51	0.64258	1.65156	0.5628		9.56E-03	1.17E-04	1.46E-02	0.024323	9.77E-03	1.15E-04	1.63E-02	0.026174	9.29E-03	1.46E-04	3.13E-02	4.07E-02
3	486073.61	3854936.51	0.62944	1.60633	0.55184		9.37E-03	1.13E-04	1.44E-02	0.023839	9.57E-03	1.12E-04	1.60E-02	0.025653	9.10E-03	1.42E-04	3.07E-02	3.99E-02
4	486123.61	3854936.51	0.59951	1.52854	0.52703		8.92E-03	1.08E-04	1.37E-02	0.022743	9.12E-03	1.06E-04	1.53E-02	0.024475	8.66E-03	1.35E-04	2.93E-02	3.81E-02
5	486173.61	3854936.51	0.59662	1.49897	0.52532		8.88E-03	1.06E-04	1.37E-02	0.022653	9.07E-03	1.04E-04	1.52E-02	0.024379	8.62E-03	1.32E-04	2.92E-02	3.79E-02
6	486223.61	3854936.51	0.57722	1.4348	0.51093		8.59E-03	1.01E-04	1.33E-02	0.021985	8.78E-03	9.97E-05	1.48E-02	0.023663	8.34E-03	1.27E-04	2.84E-02	3.69E-02
7	486273.61	3854936.51	0.56332	1.39434	0.50058		8.38E-03	9.85E-05	1.30E-02	0.021506	8.57E-03	9.69E-05	1.45E-02	0.02315	8.14E-03	1.23E-04	2.78E-02	3.61E-02
8	486323.61	3854936.51	0.55076	1.35674	0.49133		8.20E-03	9.58E-05	1.28E-02	0.021076	8.38E-03	9.43E-05	1.42E-02	0.022688	7.96E-03	1.20E-04	2.73E-02	3.54E-02
9	485973.61	3854986.51	0.71839	1.78289	0.62143		1.07E-02	1.26E-04	1.62E-02	0.026986	1.09E-02	1.24E-04	1.80E-02	0.029032	1.04E-02	1.57E-04	3.45E-02	4.51E-02
10	486023.61	3854986.51	0.69568	1.71748	0.60476		1.04E-02	1.21E-04	1.57E-02	0.02621	1.06E-02	1.19E-04	1.75E-02	0.0282	1.01E-02	1.52E-04	3.36E-02	4.38E-02
11	486073.61	3854986.51	0.66851	1.64382	0.58379		9.95E-03	1.16E-04	1.52E-02	0.025255	1.02E-02	1.14E-04	1.69E-02	0.027175	9.66E-03	1.45E-04	3.24E-02	4.22E-02
12	486123.61	3854986.51	0.64685	1.57514	0.56568		9.63E-03	1.11E-04	1.47E-02	0.024456	9.84E-03	1.09E-04	1.64E-02	0.026317	9.35E-03	1.39E-04	3.14E-02	4.09E-02
13	486173.61	3854986.51	0.63629	1.52932	0.558		9.47E-03	1.08E-04	1.45E-02	0.024096	9.68E-03	1.06E-04	1.61E-02	0.025931	9.19E-03	1.35E-04	3.10E-02	4.03E-02
14	486223.61	3854986.51	0.61533	1.47243	0.54113		9.16E-03	1.04E-04	1.41E-02	0.023341	9.36E-03	1.02E-04	1.57E-02	0.02512	8.89E-03	1.30E-04	3.01E-02	3.91E-02
15	486273.61	3854986.51	0.59155	1.41421	0.52307		8.81E-03	9.99E-05	1.36E-02	0.022513	9.00E-03	9.83E-05	1.51E-02	0.024231	8.55E-03	1.25E-04	2.91E-02	3.77E-02
16	486323.61	3854986.51	0.59239	1.39645	0.52452		8.82E-03	9.86E-05	1.36E-02	0.022562	9.01E-03	9.71E-05	1.52E-02	0.024285	8.56E-03	1.23E-04	2.91E-02	3.78E-02
17	485973.61	3855036.51	0.76685	1.83717	0.66846		1.14E-02	1.30E-04	1.74E-02	0.028935	1.17E-02	1.28E-04	1.93E-02	0.031134	1.11E-02	1.62E-04	3.71E-02	4.84E-02
18	486023.61	3855036.51	0.7406	1.77327	0.64706		1.10E-02	1.25E-04	1.68E-02	0.027983	1.13E-02	1.23E-04	1.87E-02	0.030111	1.07E-02	1.56E-04	3.60E-02	4.68E-02
19	486073.61	3855036.51	0.70948	1.69081	0.62031		1.06E-02	1.19E-04	1.61E-02	0.026818	1.08E-02	1.18E-04	1.80E-02	0.028858	1.03E-02	1.49E-04	3.45E-02	4.49E-02
20	486123.61	3855036.51	0.68916	1.62593	0.60127		1.03E-02	1.15E-04	1.56E-02	0.026015	1.05E-02	1.13E-04	1.74E-02	0.027993	9.96E-03	1.43E-04	3.34E-02	4.35E-02
21	486173.61	3855036.51	0.67925	1.58225	0.5907		1.01E-02	1.12E-04	1.54E-02	0.02559	1.03E-02	1.10E-04	1.71E-02	0.027534	9.82E-03	1.40E-04	3.28E-02	4.28E-02
22	486223.61	3855036.51	0.65283	1.50731	0.56779		9.72E-03	1.06E-04	1.48E-02	0.024595	9.93E-03	1.05E-04	1.64E-02	0.026464	9.43E-03	1.33E-04	3.15E-02	4.11E-02
23	486273.61	3855036.51	0.64594	1.47245	0.56267		9.61E-03	1.04E-04	1.46E-02	0.024357	9.82E-03	1.02E-04	1.63E-02	0.026208	9.33E-03	1.30E-04	3.13E-02	4.07E-02
24	486323.61	3855036.51	0.6264	1.42298	0.54822		9.32E-03	1.00E-04	1.43E-02	0.023687	9.53E-03	9.89E-05	1.59E-02	0.02549	9.05E-03	1.26E-04	3.05E-02	3.96E-02
25	485973.61	3855086.51	0.82533	1.88772	0.7129		1.23E-02	1.33E-04	1.85E-02	0.030965	1.26E-02	1.31E-04	2.06E-02	0.033313	1.19E-02	1.67E-04	3.96E-02	5.17E-02
26	486023.61	3855086.51	0.80157	1.82403	0.693		1.19E-02	1.29E-04	1.80E-02	0.030089	1.22E-02	1.27E-04	2.01E-02	0.032371	1.16E-02	1.61E-04	3.85E-02	5.03E-02
27	486073.61	3855086.51	0.76039	1.73569	0.66541		1.13E-02	1.23E-04	1.73E-02	0.028752	1.16E-02	1.21E-04	1.93E-02	0.03094	1.10E-02	1.53E-04	3.70E-02	4.81E-02
28	486123.61	3855086.51	0.73746	1.68268	0.65018		1.10E-02	1.19E-04	1.69E-02	0.028011	1.12E-02	1.17E-04	1.88E-02	0.030147	1.07E-02	1.48E-04	3.61E-02	4.69E-02
29	486173.61	3855086.51	0.70837	1.61159	0.6249		1.05E-02	1.14E-04	1.63E-02	0.026915	1.08E-02	1.12E-04	1.81E-02	0.028968	1.02E-02	1.42E-04	3.47E-02	4.51E-02
30	486223.61	3855086.51	0.6926	1.5444	0.61017		1.03E-02	1.09E-04	1.59E-02	0.026292	1.05E-02	1.07E-04	1.77E-02	0.028298	1.00E-02	1.36E-04	3.39E-02	4.40E-02
31	485973.61	3855136.51	0.90228	1.8826	0.77129		1.34E-02	1.33E-04	2.01E-02	0.033629	1.37E-02	1.31E-04	2.23E-02	0.036172	1.30E-02	1.66E-04	4.29E-02	5.61E-02
32	486023.61	3855136.51	0.86485	1.80124	0.74322		1.29E-02	1.27E-04	1.93E-02	0.032336	1.32E-02	1.25E-04	2.15E-02	0.034785	1.25E-02	1.59E-04	4.13E-02	5.40E-02
33	486073.61	3855136.51	0.82754	1.72648	0.71537		1.23E-02	1.22E-04	1.86E-02	0.031051	1.26E-02	1.20E-04	2.07E-02	0.033407	1.20E-02	1.52E-04	3.98E-02	5.19E-02
34	486123.61	3855136.51	0.79585	1.66688	0.69181		1.18E-02	1.18E-04	1.80E-02	0.029962	1.21E-02	1.16E-04	2.00E-02	0.032239	1.15E-02	1.47E-04	3.84E-02	5.01E-02
35	486173.61	3855136.51	0.76493	1.59505	0.66908		1.14E-02	1.13E-04	1.74E-02	0.028905	1.16E-02	1.11E-04	1.94E-02	0.031106	1.11E-02	1.41E-04	3.72E-02	4.84E-02
36	486223.61	3855136.51	0.73977	1.53393	0.65016		1.10E-02	1.08E-04	1.69E-02	0.028034	1.13E-02	1.07E-04	1.88E-02	0.030171	1.07E-02	1.35E-04	3.61E-02	4.70E-02
37	485973.61	3855186.51	0.98342	1.89553	0.83622		1.46E-02	1.34E-04	2.18E-02	0.036527	1.50E-02	1.32E-04	2.42E-02	0.039286	1.42E-02	1.67E-04	4.65E-02	6.08E-02
38	486023.61	3855186.51	0.9447	1.81869	0.80399		1.41E-02	1.28E-04	2.09E-02	0.035107	1.44E-02	1.26E-04	2.33E-02	0.037759	1.37E-02	1.60E-04	4.47E-02	5.85E-02
39	486073.61	3855186.51	0.89475	1.74192	0.76359		1.33E-02	1.23E-04	1.99E-02	0.033307	1.36E-02	1.21E-04	2.21E-02	0.035825	1.29E-02	1.54E-04	4.24E-02	5.55E-02
40	486123.61	3855186.51	0.84796	1.6674	0.72995		1.26E-02	1.18E-04	1.90E-02	0.03173	1.29E-02	1.16E-04	2.11E-02	0.034135	1.23E-02	1.47E-04	4.06E-02	5.30E-02
41	486173.61	3855186.51	0.81516	1.61637	0.70614		1.21E-02	1.14E-04	1.84E-02	0.030618	1.24E-02	1.12E-04	2.04E-02	0.032944	1.18E-02	1.43E-04	3.92E-02	5.12E-02
42	486223.61	3855186.51	0.78508	1.55084	0.68273		1.17E-02	1.10E-04	1.78E-02	0.029557	1.19E-02	1.08E-04	1.98E-02	0.031804	1.13E-02	1.37E-04	3.79E-02	4.94E-02
43	486273.61	3855186.51	0.755	1.48817	0.65982		1.12E-02	1.05E-04	1.72E-02	0.028509	1.15E-02	1.03E-04	1.91E-02	0.030679	1.09E-02	1.31E-04	3.67E-02	4.77E-02

44	486323.61	3855186.51	0.75848	1.4811	0.66462	1.13E-02	1.05E-04	1.73E-02	0.028685	1.15E-02	1.03E-04	1.92E-02	0.030871	1.10E-02	1.31E-04	3.69E-02	4.80E-02
45	485973.61	3855236.51	1.05232	1.93597	0.90422	1.57E-02	1.37E-04	2.35E-02	0.039324	1.60E-02	1.35E-04	2.62E-02	0.042305	1.52E-02	1.71E-04	5.02E-02	6.56E-02
46	486023.61	3855236.51	0.99752	1.83415	0.8587	1.48E-02	1.30E-04	2.23E-02	0.037317	1.52E-02	1.27E-04	2.48E-02	0.040147	1.44E-02	1.62E-04	4.77E-02	6.23E-02
47	486073.61	3855236.51	0.94254	1.73902	0.80934	1.40E-02	1.23E-04	2.11E-02	0.035208	1.43E-02	1.21E-04	2.34E-02	0.037876	1.36E-02	1.53E-04	4.50E-02	5.87E-02
48	486123.61	3855236.51	0.90591	1.67136	0.77834	1.35E-02	1.18E-04	2.02E-02	0.033852	1.38E-02	1.16E-04	2.25E-02	0.036417	1.31E-02	1.47E-04	4.32E-02	5.65E-02
49	486173.61	3855236.51	0.87657	1.60458	0.75201	1.30E-02	1.13E-04	1.96E-02	0.032725	1.33E-02	1.12E-04	2.18E-02	0.035204	1.27E-02	1.42E-04	4.18E-02	5.46E-02
50	486223.61	3855236.51	0.84178	1.54618	0.72375	1.25E-02	1.09E-04	1.88E-02	0.031468	1.28E-02	1.07E-04	2.09E-02	0.033853	1.22E-02	1.36E-04	4.02E-02	5.25E-02
51	486273.61	3855236.51	0.78903	1.46936	0.68548	1.17E-02	1.04E-04	1.78E-02	0.029682	1.20E-02	1.02E-04	1.98E-02	0.031938	1.14E-02	1.30E-04	3.81E-02	4.96E-02
52	486323.61	3855236.51	0.80799	1.48162	0.70108	1.20E-02	1.05E-04	1.82E-02	0.030371	1.23E-02	1.03E-04	2.03E-02	0.032679	1.17E-02	1.31E-04	3.90E-02	5.08E-02
53	485973.61	3855286.51	1.13489	1.96409	0.97114	1.69E-02	1.39E-04	2.53E-02	0.042296	1.73E-02	1.37E-04	2.81E-02	0.045499	1.64E-02	1.73E-04	5.40E-02	7.05E-02
54	486023.61	3855286.51	1.06977	1.84911	0.91437	1.59E-02	1.31E-04	2.38E-02	0.039842	1.63E-02	1.29E-04	2.65E-02	0.042858	1.55E-02	1.63E-04	5.08E-02	6.64E-02
55	486073.61	3855286.51	1.01585	1.75024	0.87269	1.51E-02	1.24E-04	2.27E-02	0.037948	1.54E-02	1.22E-04	2.53E-02	0.040825	1.47E-02	1.54E-04	4.85E-02	6.33E-02
56	486123.61	3855286.51	0.96108	1.6665	0.82807	1.43E-02	1.18E-04	2.15E-02	0.035966	1.46E-02	1.16E-04	2.40E-02	0.038695	1.39E-02	1.47E-04	4.60E-02	6.00E-02
57	486173.61	3855286.51	0.91482	1.59031	0.79138	1.36E-02	1.12E-04	2.06E-02	0.034318	1.39E-02	1.11E-04	2.29E-02	0.036924	1.32E-02	1.40E-04	4.40E-02	5.73E-02
58	486223.61	3855286.51	0.88454	1.54022	0.7665	1.32E-02	1.09E-04	1.99E-02	0.033216	1.35E-02	1.07E-04	2.22E-02	0.03574	1.28E-02	1.36E-04	4.26E-02	5.55E-02
59	486123.61	3855336.51	1.01774	1.70108	0.881	1.51E-02	1.20E-04	2.29E-02	0.038189	1.55E-02	1.18E-04	2.55E-02	0.041091	1.47E-02	1.50E-04	4.90E-02	6.38E-02
60	486173.61	3855336.51	0.97302	1.62012	0.84684	1.45E-02	1.14E-04	2.20E-02	0.036629	1.48E-02	1.13E-04	2.45E-02	0.039416	1.41E-02	1.43E-04	4.71E-02	6.13E-02
61	486223.61	3855336.51	0.93055	1.54445	0.81325	1.39E-02	1.09E-04	2.12E-02	0.035118	1.42E-02	1.07E-04	2.35E-02	0.037793	1.34E-02	1.36E-04	4.52E-02	5.88E-02
62	486123.61	3855386.51	1.06966	1.70956	0.93488	1.59E-02	1.21E-04	2.43E-02	0.040364	1.63E-02	1.19E-04	2.71E-02	0.04344	1.55E-02	1.51E-04	5.19E-02	6.76E-02
63	486173.61	3855386.51	1.02349	1.63284	0.89969	1.52E-02	1.15E-04	2.34E-02	0.038756	1.56E-02	1.13E-04	2.60E-02	0.041714	1.48E-02	1.44E-04	5.00E-02	6.49E-02
64	486223.61	3855386.51	0.98621	1.57098	0.86811	1.47E-02	1.11E-04	2.26E-02	0.037375	1.50E-02	1.09E-04	2.51E-02	0.040229	1.43E-02	1.39E-04	4.82E-02	6.26E-02
65	486533.18	3855443.15	0.8717	1.32641	0.78008	1.30E-02	9.37E-05	2.03E-02	0.033363	1.33E-02	9.22E-05	2.26E-02	0.035923	1.26E-02	1.17E-04	4.33E-02	5.61E-02
66	486583.18	3855443.15	0.84292	1.28101	0.75801	1.25E-02	9.04E-05	1.97E-02	0.032357	1.28E-02	8.90E-05	2.19E-02	0.034844	1.22E-02	1.13E-04	4.21E-02	5.44E-02
67	486633.18	3855443.15	0.81908	1.2393	0.73412	1.22E-02	8.75E-05	1.91E-02	0.031378	1.25E-02	8.61E-05	2.12E-02	0.033787	1.18E-02	1.09E-04	4.08E-02	5.27E-02
68	486683.18	3855443.15	0.80341	1.22508	0.72002	1.20E-02	8.65E-05	1.87E-02	0.030777	1.22E-02	8.51E-05	2.08E-02	0.033139	1.16E-02	1.08E-04	4.00E-02	5.17E-02
69	486533.18	3855493.15	0.90944	1.29358	0.82012	1.35E-02	9.13E-05	2.13E-02	0.034964	1.38E-02	8.99E-05	2.37E-02	0.037653	1.31E-02	1.14E-04	4.56E-02	5.88E-02
70	486583.18	3855493.15	0.88638	1.27691	0.79807	1.32E-02	9.02E-05	2.08E-02	0.034046	1.35E-02	8.87E-05	2.31E-02	0.036664	1.28E-02	1.13E-04	4.43E-02	5.73E-02
71	486633.18	3855493.15	0.85972	1.25335	0.77428	1.28E-02	8.85E-05	2.01E-02	0.033029	1.31E-02	8.71E-05	2.24E-02	0.035568	1.24E-02	1.11E-04	4.30E-02	5.56E-02
72	486683.18	3855493.15	0.83504	1.21471	0.75363	1.24E-02	8.58E-05	1.96E-02	0.032122	1.27E-02	8.44E-05	2.18E-02	0.034592	1.21E-02	1.07E-04	4.19E-02	5.41E-02
73	486533.18	3855543.15	0.95475	1.28889	0.86727	1.42E-02	9.10E-05	2.26E-02	0.036865	1.45E-02	8.96E-05	2.51E-02	0.039707	1.38E-02	1.14E-04	4.82E-02	6.21E-02
74	486583.18	3855543.15	0.91888	1.26225	0.8302	1.37E-02	8.91E-05	2.16E-02	0.035365	1.40E-02	8.77E-05	2.40E-02	0.038087	1.33E-02	1.11E-04	4.61E-02	5.95E-02
75	486633.18	3855543.15	0.89381	1.23287	0.80816	1.33E-02	8.71E-05	2.10E-02	0.034416	1.36E-02	8.57E-05	2.34E-02	0.037065	1.29E-02	1.09E-04	4.49E-02	5.79E-02
76	486683.18	3855543.15	0.85819	1.18778	0.77666	1.28E-02	8.39E-05	2.02E-02	0.033063	1.31E-02	8.26E-05	2.25E-02	0.035609	1.24E-02	1.05E-04	4.32E-02	5.57E-02
77	486533.18	3855593.15	0.98757	1.25237	0.9065	1.47E-02	8.84E-05	2.36E-02	0.038372	1.50E-02	8.70E-05	2.62E-02	0.041338	1.43E-02	1.11E-04	5.04E-02	6.48E-02
78	486583.18	3855593.15	0.95531	1.22561	0.87497	1.42E-02	8.65E-05	2.28E-02	0.037069	1.45E-02	8.52E-05	2.53E-02	0.039934	1.38E-02	1.08E-04	4.86E-02	6.25E-02
79	486633.18	3855593.15	0.9271	1.18853	0.84702	1.38E-02	8.39E-05	2.20E-02	0.03592	1.41E-02	8.26E-05	2.45E-02	0.038693	1.34E-02	1.05E-04	4.71E-02	6.06E-02
80	486683.18	3855593.15	0.90436	1.17	0.8261	1.35E-02	8.26E-05	2.15E-02	0.035036	1.38E-02	8.13E-05	2.39E-02	0.037741	1.31E-02	1.03E-04	4.59E-02	5.91E-02
81	486533.18	3855643.15	1.02537	1.26475	0.95225	1.53E-02	8.93E-05	2.48E-02	0.040125	1.56E-02	8.79E-05	2.76E-02	0.043238	1.48E-02	1.12E-04	5.29E-02	6.78E-02
82	486583.18	3855643.15	0.99315	1.22697	0.92274	1.48E-02	8.66E-05	2.40E-02	0.038875	1.51E-02	8.53E-05	2.67E-02	0.041891	1.44E-02	1.08E-04	5.13E-02	6.57E-02
83	486633.18	3855643.15	0.95924	1.18081	0.89432	1.43E-02	8.34E-05	2.33E-02	0.037628	1.46E-02	8.21E-05	2.59E-02	0.04055	1.39E-02	1.04E-04	4.97E-02	6.37E-02
84	486683.18	3855643.15	0.93193	1.15183	0.8674	1.39E-02	8.13E-05	2.26E-02	0.036519	1.42E-02	8.01E-05	2.51E-02	0.039354	1.35E-02	1.02E-04	4.82E-02	6.18E-02
85	486533.18	3855693.15	1.07789	1.25525	1.00252	1.60E-02	8.86E-05	2.61E-02	0.042214	1.64E-02	8.72E-05	2.90E-02	0.045491	1.56E-02	1.11E-04	5.57E-02	7.14E-02
86	486583.18	3855693.15	1.02884	1.20313	0.95828	1.53E-02	8.50E-05	2.49E-02	0.04033	1.56E-02	8.36E-05	2.77E-02	0.043461	1.49E-02	1.06E-04	5.32E-02	6.82E-02
87	486633.18	3855693.15	0.98387	1.1568	0.91517	1.46E-02	8.17E-05	2.38E-02	0.038535	1.50E-02	8.04E-05	2.65E-02	0.041526	1.42E-02	1.02E-04	5.09E-02	6.52E-02
88	486683.18	3855693.15	0.9684	1.14381	0.90481	1.44E-02	8.08E-05	2.35E-02	0.038035	1.47E-02	7.95E-05	2.62E-02	0.04099	1.40E-02	1.01E-04	5.03E-02	6.44E-02
89	486733.18	3855693.15	0.96186	1.14794	0.90565	1.43E-02	8.11E-05	2.36E-02	0.037959	1.46E-02	7.98E-05	2.62E-02	0.040916	1.39E-02	1.01E-04	5.03E-02	6.43E-02
90	486783.18	3855693.15	0.96447	1.14707	0.91097	1.44E-02	8.10E-05	2.37E-02	0.038137	1.47E-02	7.97E-05	2.64E-02	0.041109	1.39E-02	1.01E-04	5.06E-02	6.47E-02

91	486533.18	3855743.15	1.11472	1.21677	1.05203	1.66E-02	8.59E-05	2.74E-02	0.044048	1.70E-02	8.46E-05	3.04E-02	0.047481	1.61E-02	1.07E-04	5.85E-02	7.47E-02
92	486583.18	3855743.15	1.05847	1.15165	0.9896	1.58E-02	8.13E-05	2.57E-02	0.041582	1.61E-02	8.00E-05	2.86E-02	0.044814	1.53E-02	1.02E-04	5.50E-02	7.04E-02
93	486633.18	3855743.15	1.02169	1.1172	0.95539	1.52E-02	7.89E-05	2.49E-02	0.040142	1.55E-02	7.76E-05	2.76E-02	0.043263	1.48E-02	9.86E-05	5.31E-02	6.79E-02
94	486683.18	3855743.15	1.01237	1.12145	0.95077	1.51E-02	7.92E-05	2.47E-02	0.039883	1.54E-02	7.79E-05	2.75E-02	0.042988	1.46E-02	9.89E-05	5.28E-02	6.76E-02
95	486733.18	3855743.15	0.99377	1.12166	0.93739	1.48E-02	7.92E-05	2.44E-02	0.039258	1.51E-02	7.80E-05	2.71E-02	0.042318	1.44E-02	9.90E-05	5.21E-02	6.65E-02
96	486783.18	3855743.15	1.00354	1.15497	0.95401	1.49E-02	8.16E-05	2.48E-02	0.039838	1.53E-02	8.03E-05	2.76E-02	0.042949	1.45E-02	1.02E-04	5.30E-02	6.76E-02
97	486533.18	3855793.15	1.16467	1.20722	1.11675	1.73E-02	8.52E-05	2.91E-02	0.046474	1.77E-02	8.39E-05	3.23E-02	0.050113	1.68E-02	1.07E-04	6.21E-02	7.90E-02
98	486583.18	3855793.15	1.08088	1.13347	1.02724	1.61E-02	8.00E-05	2.67E-02	0.042893	1.64E-02	7.88E-05	2.97E-02	0.046243	1.56E-02	1.00E-04	5.71E-02	7.28E-02
99	486633.18	3855793.15	1.06966	1.13201	1.01643	1.59E-02	7.99E-05	2.64E-02	0.042445	1.63E-02	7.87E-05	2.94E-02	0.04576	1.55E-02	9.99E-05	5.65E-02	7.20E-02
100	486683.18	3855793.15	1.06068	1.12261	1.01041	1.58E-02	7.93E-05	2.63E-02	0.042154	1.61E-02	7.80E-05	2.92E-02	0.045448	1.53E-02	9.91E-05	5.61E-02	7.16E-02
101	486733.18	3855793.15	1.04588	1.09964	0.99771	1.56E-02	7.76E-05	2.60E-02	0.041602	1.59E-02	7.64E-05	2.89E-02	0.044854	1.51E-02	9.70E-05	5.54E-02	7.06E-02
102	486783.18	3855793.15	1.03729	1.11139	0.99383	1.54E-02	7.85E-05	2.59E-02	0.041374	1.58E-02	7.72E-05	2.88E-02	0.044612	1.50E-02	9.81E-05	5.52E-02	7.03E-02
103	486533.18	3855843.15	1.20399	1.22342	1.15905	1.79E-02	8.64E-05	3.02E-02	0.048161	1.83E-02	8.50E-05	3.35E-02	0.051936	1.74E-02	1.08E-04	6.44E-02	8.19E-02
104	486583.18	3855843.15	1.13789	1.14658	1.09273	1.69E-02	8.10E-05	2.84E-02	0.045447	1.73E-02	7.97E-05	3.16E-02	0.049006	1.64E-02	1.01E-04	6.07E-02	7.73E-02
105	486633.18	3855843.15	1.12329	1.13367	1.08353	1.67E-02	8.00E-05	2.82E-02	0.044989	1.71E-02	7.88E-05	3.14E-02	0.048517	1.62E-02	1.00E-04	6.02E-02	7.65E-02
106	486683.18	3855843.15	1.11383	1.12909	1.07327	1.66E-02	7.97E-05	2.79E-02	0.044581	1.69E-02	7.85E-05	3.11E-02	0.048076	1.61E-02	9.96E-05	5.96E-02	7.58E-02
107	486733.18	3855843.15	1.10015	1.11657	1.06456	1.64E-02	7.88E-05	2.77E-02	0.04415	1.67E-02	7.76E-05	3.08E-02	0.047615	1.59E-02	9.85E-05	5.92E-02	7.51E-02
108	486783.18	3855843.15	1.0847	1.10641	1.05175	1.61E-02	7.81E-05	2.74E-02	0.043586	1.65E-02	7.69E-05	3.04E-02	0.047009	1.57E-02	9.76E-05	5.84E-02	7.42E-02
109	486533.18	3855893.15	1.21901	1.21113	1.17368	1.81E-02	8.55E-05	3.05E-02	0.048765	1.85E-02	8.42E-05	3.40E-02	0.052587	1.76E-02	1.07E-04	6.52E-02	8.29E-02
110	486583.18	3855893.15	1.20083	1.18913	1.1593	1.79E-02	8.40E-05	3.02E-02	0.048118	1.83E-02	8.26E-05	3.35E-02	0.051893	1.74E-02	1.05E-04	6.44E-02	8.19E-02
111	486633.18	3855893.15	1.18079	1.16398	1.14266	1.76E-02	8.22E-05	2.97E-02	0.047385	1.80E-02	8.09E-05	3.31E-02	0.051105	1.71E-02	1.03E-04	6.35E-02	8.07E-02
112	486683.18	3855893.15	1.16824	1.1365	1.13493	1.74E-02	8.02E-05	2.95E-02	0.046995	1.78E-02	7.90E-05	3.28E-02	0.050688	1.69E-02	1.00E-04	6.31E-02	8.00E-02
113	486733.18	3855893.15	1.15654	1.13831	1.12308	1.72E-02	8.04E-05	2.92E-02	0.046513	1.76E-02	7.91E-05	3.25E-02	0.050168	1.67E-02	1.00E-04	6.24E-02	7.92E-02
114	486783.18	3855893.15	1.14963	1.13491	1.11714	1.71E-02	8.01E-05	2.91E-02	0.046256	1.75E-02	7.89E-05	3.23E-02	0.04989	1.66E-02	1.00E-04	6.21E-02	7.88E-02
115	486533.18	3855943.15	1.26497	1.2403	1.22403	1.88E-02	8.76E-05	3.18E-02	0.050761	1.92E-02	8.62E-05	3.54E-02	0.054745	1.83E-02	1.09E-04	6.80E-02	8.64E-02
116	486583.18	3855943.15	1.26413	1.23074	1.22893	1.88E-02	8.69E-05	3.20E-02	0.050875	1.92E-02	8.55E-05	3.56E-02	0.054873	1.83E-02	1.09E-04	6.83E-02	8.67E-02
117	486633.18	3855943.15	1.23539	1.20372	1.20497	1.84E-02	8.50E-05	3.13E-02	0.049822	1.88E-02	8.37E-05	3.49E-02	0.053741	1.79E-02	1.06E-04	6.70E-02	8.49E-02
118	486683.18	3855943.15	1.22591	1.1839	1.20055	1.82E-02	8.36E-05	3.12E-02	0.049564	1.86E-02	8.23E-05	3.47E-02	0.053468	1.77E-02	1.04E-04	6.67E-02	8.45E-02
119	486733.18	3855943.15	1.20913	1.16597	1.18582	1.80E-02	8.23E-05	3.09E-02	0.04893	1.84E-02	8.10E-05	3.43E-02	0.052785	1.75E-02	1.03E-04	6.59E-02	8.35E-02
120	486783.18	3855943.15	1.20362	1.17911	1.18367	1.79E-02	8.33E-05	3.08E-02	0.048793	1.83E-02	8.20E-05	3.43E-02	0.05264	1.74E-02	1.04E-04	6.58E-02	8.33E-02
121	486533.18	3855993.15	1.32067	1.26268	1.30092	1.97E-02	8.92E-05	3.38E-02	0.053592	2.01E-02	8.78E-05	3.76E-02	0.057819	1.91E-02	1.11E-04	7.23E-02	9.15E-02
122	486583.18	3855993.15	1.3078	1.27367	1.2896	1.95E-02	8.99E-05	3.36E-02	0.053106	1.99E-02	8.85E-05	3.73E-02	0.057296	1.89E-02	1.12E-04	7.17E-02	9.07E-02
123	486633.18	3855993.15	1.29138	1.24958	1.27238	1.92E-02	8.82E-05	3.31E-02	0.052412	1.96E-02	8.68E-05	3.68E-02	0.056546	1.87E-02	1.10E-04	7.07E-02	8.95E-02
124	486683.18	3855993.15	1.28118	1.24678	1.2667	1.91E-02	8.80E-05	3.30E-02	0.052112	1.95E-02	8.67E-05	3.67E-02	0.056227	1.85E-02	1.10E-04	7.04E-02	8.90E-02
125	486733.18	3855993.15	1.26242	1.22502	1.24868	1.88E-02	8.65E-05	3.25E-02	0.051363	1.92E-02	8.51E-05	3.61E-02	0.055418	1.82E-02	1.08E-04	6.94E-02	8.77E-02
126	486783.18	3855993.15	1.24799	1.16661	1.23864	1.86E-02	8.24E-05	3.22E-02	0.050883	1.90E-02	8.11E-05	3.58E-02	0.054904	1.80E-02	1.03E-04	6.88E-02	8.70E-02
127	486533.18	3856043.15	1.37409	1.24505	1.3658	2.05E-02	8.79E-05	3.55E-02	0.056073	2.09E-02	8.65E-05	3.95E-02	0.060507	1.99E-02	1.10E-04	7.59E-02	9.59E-02
128	486583.18	3856043.15	1.36353	1.28364	1.36112	2.03E-02	9.06E-05	3.54E-02	0.055797	2.07E-02	8.92E-05	3.94E-02	0.060214	1.97E-02	1.13E-04	7.56E-02	9.54E-02
129	486633.18	3856043.15	1.3399	1.27842	1.33961	1.99E-02	9.03E-05	3.49E-02	0.054886	2.04E-02	8.89E-05	3.88E-02	0.059232	1.94E-02	1.13E-04	7.44E-02	9.39E-02
130	486683.18	3856043.15	1.33572	1.2668	1.33575	1.99E-02	8.94E-05	3.48E-02	0.054722	2.03E-02	8.80E-05	3.87E-02	0.059056	1.93E-02	1.12E-04	7.42E-02	9.36E-02
131	486733.18	3856043.15	1.31595	1.25881	1.3141	1.96E-02	8.89E-05	3.42E-02	0.053864	2.00E-02	8.75E-05	3.80E-02	0.058128	1.90E-02	1.11E-04	7.30E-02	9.21E-02
132	486783.18	3856043.15	1.31204	1.25425	1.3158	1.95E-02	8.86E-05	3.42E-02	0.05385	2.00E-02	8.72E-05	3.81E-02	0.058117	1.90E-02	1.11E-04	7.31E-02	9.22E-02
133	486533.18	3856093.15	1.44259	1.26002	1.45208	2.15E-02	8.90E-05	3.78E-02	0.059339	2.19E-02	8.76E-05	4.20E-02	0.064047	2.08E-02	1.11E-04	8.07E-02	1.02E-01
134	486583.18	3856093.15	1.42193	1.23965	1.42905	2.12E-02	8.75E-05	3.72E-02	0.058431	2.16E-02	8.62E-05	4.14E-02	0.063065	2.05E-02	1.09E-04	7.94E-02	1.00E-01
135	486633.18	3856093.15	1.40092	1.22961	1.40896	2.09E-02	8.68E-05	3.67E-02	0.057595	2.13E-02	8.55E-05	4.08E-02	0.062163	2.02E-02	1.08E-04	7.83E-02	9.86E-02
136	486683.18	3856093.15	1.39186	1.2625	1.40293	2.07E-02	8.91E-05	3.65E-02	0.057305	2.12E-02	8.77E-05	4.06E-02	0.061853	2.01E-02	1.11E-04	7.80E-02	9.82E-02
137	486733.18	3856093.15	1.37481	1.25778	1.38844	2.05E-02	8.88E-05	3.61E-02	0.056674	2.09E-02	8.74E-05	4.02E-02	0.061174	1.99E-02	1.11E-04	7.72E-02	9.71E-02

138	486783.18	3856093.15	1.3671	1.2676	1.385	2.03E-02	8.95E-05	3.60E-02	0.056471	2.08E-02	8.81E-05	4.01E-02	0.060958	1.98E-02	1.12E-04	7.70E-02	9.68E-02
139	486533.18	3856143.15	1.50737	1.28256	1.53522	2.24E-02	9.06E-05	3.99E-02	0.062468	2.29E-02	8.91E-05	4.44E-02	0.06744	2.18E-02	1.13E-04	8.53E-02	1.07E-01
140	486583.18	3856143.15	1.47506	1.28463	1.50042	2.20E-02	9.07E-05	3.90E-02	0.061081	2.24E-02	8.93E-05	4.34E-02	0.065941	2.13E-02	1.13E-04	8.34E-02	1.05E-01
141	486633.18	3856143.15	1.46438	1.30587	1.48769	2.18E-02	9.22E-05	3.87E-02	0.060593	2.23E-02	9.08E-05	4.30E-02	0.065412	2.12E-02	1.15E-04	8.27E-02	1.04E-01
142	486683.18	3856143.15	1.45039	1.27407	1.47406	2.16E-02	9.00E-05	3.83E-02	0.060028	2.21E-02	8.86E-05	4.27E-02	0.064803	2.10E-02	1.12E-04	8.19E-02	1.03E-01
143	486733.18	3856143.15	1.43463	1.26164	1.46262	2.14E-02	8.91E-05	3.81E-02	0.059495	2.18E-02	8.77E-05	4.23E-02	0.064231	2.07E-02	1.11E-04	8.13E-02	1.02E-01
144	486783.18	3856143.15	1.43758	1.27236	1.46986	2.14E-02	8.98E-05	3.82E-02	0.059728	2.19E-02	8.84E-05	4.25E-02	0.064486	2.08E-02	1.12E-04	8.17E-02	1.03E-01
145	486533.18	3856193.15	1.58546	1.31518	1.62328	2.36E-02	9.29E-05	4.22E-02	0.065923	2.41E-02	9.14E-05	4.70E-02	0.071178	2.29E-02	1.16E-04	9.02E-02	1.13E-01
146	486583.18	3856193.15	1.5417	1.29411	1.58352	2.29E-02	9.14E-05	4.12E-02	0.064236	2.34E-02	8.99E-05	4.58E-02	0.06936	2.23E-02	1.14E-04	8.80E-02	1.10E-01
147	486633.18	3856193.15	1.52297	1.3032	1.56249	2.27E-02	9.20E-05	4.06E-02	0.063411	2.32E-02	9.06E-05	4.52E-02	0.068467	2.20E-02	1.15E-04	8.68E-02	1.09E-01
148	486683.18	3856193.15	1.51517	1.3608	1.55987	2.26E-02	9.61E-05	4.06E-02	0.06323	2.30E-02	9.46E-05	4.51E-02	0.068277	2.19E-02	1.20E-04	8.67E-02	1.09E-01
149	486733.18	3856193.15	1.49656	1.34158	1.54059	2.23E-02	9.47E-05	4.01E-02	0.062451	2.28E-02	9.32E-05	4.46E-02	0.067435	2.16E-02	1.18E-04	8.56E-02	1.07E-01
150	486783.18	3856193.15	1.49835	1.26504	1.5459	2.23E-02	8.93E-05	4.02E-02	0.06261	2.28E-02	8.79E-05	4.47E-02	0.06761	2.17E-02	1.12E-04	8.59E-02	1.08E-01
151	486533.18	3856243.15	1.65408	1.34513	1.70316	2.46E-02	9.50E-05	4.43E-02	0.069025	2.52E-02	9.35E-05	4.93E-02	0.074535	2.39E-02	1.19E-04	9.46E-02	1.19E-01
152	486583.18	3856243.15	1.62508	1.33588	1.67529	2.42E-02	9.43E-05	4.36E-02	0.067867	2.47E-02	9.28E-05	4.85E-02	0.073287	2.35E-02	1.18E-04	9.31E-02	1.17E-01
153	486633.18	3856243.15	1.59574	1.33599	1.65041	2.38E-02	9.43E-05	4.29E-02	0.066783	2.43E-02	9.29E-05	4.78E-02	0.072121	2.31E-02	1.18E-04	9.17E-02	1.15E-01
154	486683.18	3856243.15	1.57731	1.35345	1.63233	2.35E-02	9.56E-05	4.25E-02	0.06604	2.40E-02	9.41E-05	4.72E-02	0.071318	2.28E-02	1.19E-04	9.07E-02	1.14E-01
155	486733.18	3856243.15	1.57008	1.32154	1.62387	2.34E-02	9.33E-05	4.22E-02	0.06571	2.39E-02	9.19E-05	4.70E-02	0.070961	2.27E-02	1.17E-04	9.02E-02	1.13E-01
156	486783.18	3856243.15	1.55437	1.34013	1.61201	2.31E-02	9.46E-05	4.19E-02	0.065169	2.36E-02	9.31E-05	4.66E-02	0.07038	2.25E-02	1.18E-04	8.96E-02	1.12E-01
157	486533.18	3856293.15	1.7369	1.37494	1.79963	2.59E-02	9.71E-05	4.68E-02	0.072769	2.64E-02	9.56E-05	5.21E-02	0.078588	2.51E-02	1.21E-04	1.00E-01	1.25E-01
158	486583.18	3856293.15	1.70486	1.4262	1.76044	2.54E-02	1.01E-04	4.58E-02	0.071277	2.59E-02	9.91E-05	5.09E-02	0.07697	2.46E-02	1.26E-04	9.78E-02	1.23E-01
159	486633.18	3856293.15	1.67919	1.41017	1.74459	2.50E-02	9.96E-05	4.54E-02	0.070481	2.55E-02	9.80E-05	5.05E-02	0.07612	2.43E-02	1.24E-04	9.69E-02	1.21E-01
160	486683.18	3856293.15	1.65539	1.35482	1.72006	2.46E-02	9.57E-05	4.47E-02	0.069485	2.52E-02	9.42E-05	4.98E-02	0.075045	2.39E-02	1.20E-04	9.56E-02	1.20E-01
161	486733.18	3856293.15	1.64562	1.32816	1.71505	2.45E-02	9.38E-05	4.46E-02	0.069207	2.50E-02	9.23E-05	4.96E-02	0.074749	2.38E-02	1.17E-04	9.53E-02	1.19E-01
162	486783.18	3856293.15	1.62036	1.35182	1.69516	2.41E-02	9.54E-05	4.41E-02	0.068315	2.46E-02	9.40E-05	4.91E-02	0.073791	2.34E-02	1.19E-04	9.42E-02	1.18E-01
163	486783.18	3856343.15	1.7072	1.32568	1.80208	2.54E-02	9.36E-05	4.69E-02	0.072388	2.60E-02	9.21E-05	5.21E-02	0.078204	2.47E-02	1.17E-04	1.00E-01	1.25E-01
164	486833.18	3856343.15	1.68661	1.36228	1.78602	2.51E-02	9.62E-05	4.65E-02	0.071666	2.57E-02	9.47E-05	5.17E-02	0.077429	2.44E-02	1.20E-04	9.92E-02	1.24E-01
165	486883.18	3856343.15	1.67049	1.33253	1.76946	2.49E-02	9.41E-05	4.60E-02	0.070993	2.54E-02	9.26E-05	5.12E-02	0.076702	2.41E-02	1.18E-04	9.83E-02	1.23E-01
166	486783.18	3856393.15	1.77791	1.34888	1.88826	2.65E-02	9.52E-05	4.91E-02	0.075684	2.70E-02	9.38E-05	5.46E-02	0.081775	2.57E-02	1.19E-04	1.05E-01	1.31E-01
167	486833.18	3856393.15	1.75988	1.34097	1.87442	2.62E-02	9.47E-05	4.88E-02	0.075055	2.68E-02	9.32E-05	5.42E-02	0.0811	2.54E-02	1.18E-04	1.04E-01	1.30E-01
168	486883.18	3856393.15	1.72944	1.30789	1.844	2.57E-02	9.23E-05	4.80E-02	0.073808	2.63E-02	9.09E-05	5.34E-02	0.079754	2.50E-02	1.15E-04	1.02E-01	1.28E-01
169	487208.74	3856886.11	2.44471	1.80535	2.68879	3.64E-02	1.27E-04	7.00E-02	0.106468	3.72E-02	1.25E-04	7.78E-02	0.115113	3.53E-02	1.59E-04	1.49E-01	1.85E-01
170	487258.74	3856886.11	2.37525	1.81149	2.62271	3.54E-02	1.28E-04	6.82E-02	0.103715	3.61E-02	1.26E-04	7.59E-02	0.112145	3.43E-02	1.60E-04	1.46E-01	1.80E-01
171	487308.74	3856886.11	2.321	1.88393	2.55817	3.45E-02	1.33E-04	6.66E-02	0.101234	3.53E-02	1.31E-04	7.40E-02	0.109457	3.35E-02	1.66E-04	1.42E-01	1.76E-01
172	487358.74	3856886.11	2.27053	1.90443	2.49598	3.38E-02	1.34E-04	6.49E-02	0.098866	3.45E-02	1.32E-04	7.22E-02	0.106891	3.28E-02	1.68E-04	1.39E-01	1.72E-01
173	487208.74	3856936.11	2.56879	1.98606	2.83183	3.82E-02	1.40E-04	7.37E-02	0.112049	3.91E-02	1.38E-04	8.19E-02	0.121152	3.71E-02	1.75E-04	1.57E-01	1.95E-01
174	487258.74	3856936.11	2.49521	2.06809	2.75087	3.71E-02	1.46E-04	7.16E-02	0.108853	3.79E-02	1.44E-04	7.96E-02	0.117696	3.61E-02	1.82E-04	1.53E-01	1.89E-01
175	487308.74	3856936.11	2.42471	2.144	2.68623	3.61E-02	1.51E-04	6.99E-02	0.106127	3.69E-02	1.49E-04	7.77E-02	0.114758	3.50E-02	1.89E-04	1.49E-01	1.84E-01
176	487358.74	3856936.11	2.36878	2.12025	2.61699	3.53E-02	1.50E-04	6.81E-02	0.103492	3.60E-02	1.47E-04	7.57E-02	0.111902	3.42E-02	1.87E-04	1.45E-01	1.80E-01
177	487208.74	3856986.11	2.69292	2.34601	2.97884	4.01E-02	1.66E-04	7.75E-02	0.117746	4.10E-02	1.63E-04	8.62E-02	0.127319	3.89E-02	2.07E-04	1.66E-01	2.05E-01
178	487258.74	3856986.11	2.62065	2.43344	2.9033	3.90E-02	1.72E-04	7.55E-02	0.114712	3.99E-02	1.69E-04	8.40E-02	0.12404	3.79E-02	2.15E-04	1.61E-01	1.99E-01
179	487308.74	3856986.11	2.54166	2.42968	2.81982	3.78E-02	1.72E-04	7.34E-02	0.111364	3.87E-02	1.69E-04	8.16E-02	0.120422	3.67E-02	2.14E-04	1.57E-01	1.94E-01
180	487358.74	3856986.11	2.46802	2.42689	2.7497	3.67E-02	1.71E-04	7.15E-02	0.108443	3.75E-02	1.69E-04	7.96E-02	0.117273	3.57E-02	2.14E-04	1.53E-01	1.89E-01
181	487208.74	3857036.11	2.82403	2.7947	3.13884	4.20E-02	1.97E-04	8.17E-02	0.123892	4.29E-02	1.94E-04	9.08E-02	0.133974	4.08E-02	2.47E-04	1.74E-01	2.15E-01
182	487258.74	3857036.11	2.74289	2.84765	3.05084	4.08E-02	2.01E-04	7.94E-02	0.120399	4.17E-02	1.98E-04	8.83E-02	0.130197	3.96E-02	2.51E-04	1.70E-01	2.09E-01
183	487308.74	3857036.11	2.66781	2.85498	2.97048	3.97E-02	2.02E-04	7.73E-02	0.117191	4.06E-02	1.98E-04	8.60E-02	0.12673	3.86E-02	2.52E-04	1.65E-01	2.04E-01
184	487358.74	3857036.11	2.58484	2.84706	2.8976	3.85E-02	2.01E-04	7.54E-02	0.114059	3.93E-02	1.98E-04	8.38E-02	0.123359	3.74E-02	2.51E-04	1.61E-01	1.99E-01

185	487427.14	3856878.23	2.20101	1.88743	2.41483	3.28E-02	1.33E-04	6.28E-02	0.095719	3.35E-02	1.31E-04	6.99E-02	0.103485	3.18E-02	1.67E-04	1.34E-01	1.66E-01
186	487477.14	3856878.23	2.16119	1.93537	2.36643	3.22E-02	1.37E-04	6.16E-02	0.09387	3.29E-02	1.35E-04	6.85E-02	0.101482	3.12E-02	1.71E-04	1.31E-01	1.63E-01
187	487527.14	3856878.23	2.11928	1.94427	2.32034	3.15E-02	1.37E-04	6.04E-02	0.092048	3.22E-02	1.35E-04	6.71E-02	0.099511	3.06E-02	1.72E-04	1.29E-01	1.60E-01
188	487427.14	3856928.23	2.28794	2.13726	2.5237	3.41E-02	1.51E-04	6.57E-02	0.099863	3.48E-02	1.49E-04	7.30E-02	0.107974	3.31E-02	1.89E-04	1.40E-01	1.73E-01
189	487477.14	3856928.23	2.23807	2.1373	2.46409	3.33E-02	1.51E-04	6.41E-02	0.09757	3.40E-02	1.49E-04	7.13E-02	0.105491	3.23E-02	1.89E-04	1.37E-01	1.69E-01
190	487527.14	3856928.23	2.19547	2.13932	2.41399	3.27E-02	1.51E-04	6.28E-02	0.095632	3.34E-02	1.49E-04	6.99E-02	0.103394	3.17E-02	1.89E-04	1.34E-01	1.66E-01
191	487577.14	3856928.23	2.1471	2.18819	2.36503	3.20E-02	1.55E-04	6.15E-02	0.093642	3.27E-02	1.52E-04	6.84E-02	0.101244	3.10E-02	1.93E-04	1.31E-01	1.63E-01
192	487627.14	3856928.23	2.09376	2.1823	2.31556	3.12E-02	1.54E-04	6.02E-02	0.091561	3.18E-02	1.52E-04	6.70E-02	0.099001	3.03E-02	1.93E-04	1.29E-01	1.59E-01
193	487677.14	3856928.23	2.04951	2.15753	2.27284	3.05E-02	1.52E-04	5.91E-02	0.089789	3.12E-02	1.50E-04	6.58E-02	0.09709	2.96E-02	1.90E-04	1.26E-01	1.56E-01
194	487727.14	3856928.23	2.01022	2.22976	2.2312	2.99E-02	1.57E-04	5.80E-02	0.088126	3.06E-02	1.55E-04	6.46E-02	0.095293	2.90E-02	1.97E-04	1.24E-01	1.53E-01
195	487777.14	3856928.23	1.96874	2.26283	2.18907	2.93E-02	1.60E-04	5.70E-02	0.086415	2.99E-02	1.57E-04	6.33E-02	0.093445	2.84E-02	2.00E-04	1.22E-01	1.50E-01
196	487427.14	3856978.23	2.37027	2.39095	2.631	3.53E-02	1.69E-04	6.84E-02	0.103898	3.60E-02	1.66E-04	7.61E-02	0.112349	3.43E-02	2.11E-04	1.46E-01	1.81E-01
197	487477.14	3856978.23	2.31865	2.40867	2.57401	3.45E-02	1.70E-04	6.70E-02	0.101648	3.53E-02	1.67E-04	7.45E-02	0.109916	3.35E-02	2.13E-04	1.43E-01	1.77E-01
198	487527.14	3856978.23	2.27025	2.41761	2.51932	3.38E-02	1.71E-04	6.55E-02	0.099505	3.45E-02	1.68E-04	7.29E-02	0.107598	3.28E-02	2.13E-04	1.40E-01	1.73E-01
199	487577.14	3856978.23	2.21929	2.4612	2.46187	3.30E-02	1.74E-04	6.40E-02	0.097255	3.38E-02	1.71E-04	7.12E-02	0.105164	3.21E-02	2.17E-04	1.37E-01	1.69E-01
200	487627.14	3856978.23	2.16162	2.50505	2.40364	3.22E-02	1.77E-04	6.25E-02	0.094885	3.29E-02	1.74E-04	6.96E-02	0.102605	3.12E-02	2.21E-04	1.34E-01	1.65E-01
201	487677.14	3856978.23	2.11569	2.51517	2.35966	3.15E-02	1.78E-04	6.14E-02	0.093058	3.22E-02	1.75E-04	6.83E-02	0.100634	3.06E-02	2.22E-04	1.31E-01	1.62E-01
202	487727.14	3856978.23	2.06105	2.46782	2.2992	3.07E-02	1.74E-04	5.98E-02	0.090668	3.13E-02	1.72E-04	6.65E-02	0.09805	2.98E-02	2.18E-04	1.28E-01	1.58E-01
203	487777.14	3856978.23	2.03417	2.45126	2.26832	3.03E-02	1.73E-04	5.90E-02	0.089464	3.09E-02	1.70E-04	6.56E-02	0.096747	2.94E-02	2.16E-04	1.26E-01	1.56E-01
204	487427.14	3857028.23	2.46841	2.7883	2.76381	3.67E-02	1.97E-04	7.19E-02	0.108842	3.75E-02	1.94E-04	8.00E-02	0.117713	3.57E-02	2.46E-04	1.54E-01	1.89E-01
205	487477.14	3857028.23	2.41003	2.85709	2.69113	3.59E-02	2.02E-04	7.00E-02	0.106087	3.67E-02	1.99E-04	7.79E-02	0.114726	3.48E-02	2.52E-04	1.50E-01	1.85E-01
206	487527.14	3857028.23	2.35226	2.91212	2.62601	3.50E-02	2.06E-04	6.83E-02	0.103537	3.58E-02	2.02E-04	7.60E-02	0.111967	3.40E-02	2.57E-04	1.46E-01	1.80E-01
207	487577.14	3857028.23	2.29187	2.91176	2.56702	3.41E-02	2.06E-04	6.68E-02	0.101103	3.49E-02	2.02E-04	7.43E-02	0.109342	3.31E-02	2.57E-04	1.43E-01	1.76E-01
208	487627.14	3857028.23	2.23176	2.86208	2.49816	3.32E-02	2.02E-04	6.50E-02	0.098413	3.39E-02	1.99E-04	7.23E-02	0.106431	3.22E-02	2.53E-04	1.39E-01	1.71E-01
209	487677.14	3857028.23	2.18314	2.81334	2.44512	3.25E-02	1.99E-04	6.36E-02	0.096306	3.32E-02	1.96E-04	7.08E-02	0.104154	3.15E-02	2.48E-04	1.36E-01	1.68E-01
210	487727.14	3857028.23	2.14353	2.82766	2.3993	3.19E-02	2.00E-04	6.24E-02	0.094526	3.26E-02	1.97E-04	6.94E-02	0.102226	3.10E-02	2.49E-04	1.33E-01	1.65E-01
211	487777.14	3857028.23	2.10246	2.82462	2.35	3.13E-02	1.99E-04	6.11E-02	0.092631	3.20E-02	1.96E-04	6.80E-02	0.100175	3.04E-02	2.49E-04	1.31E-01	1.61E-01
212	487427.14	3857078.23	2.5727	3.43311	2.90802	3.83E-02	2.42E-04	7.57E-02	0.114191	3.91E-02	2.39E-04	8.42E-02	0.123517	3.72E-02	3.03E-04	1.62E-01	1.99E-01
213	487477.14	3857078.23	2.50133	3.40971	2.8186	3.72E-02	2.41E-04	7.33E-02	0.110801	3.80E-02	2.37E-04	8.16E-02	0.119842	3.61E-02	3.01E-04	1.57E-01	1.93E-01
214	487527.14	3857078.23	2.43829	3.37644	2.74238	3.63E-02	2.38E-04	7.13E-02	0.107877	3.71E-02	2.35E-04	7.94E-02	0.116675	3.52E-02	2.98E-04	1.52E-01	1.88E-01
215	487577.14	3857078.23	2.37378	3.35693	2.67326	3.53E-02	2.37E-04	6.95E-02	0.105117	3.61E-02	2.33E-04	7.74E-02	0.113693	3.43E-02	2.96E-04	1.49E-01	1.83E-01
216	487627.14	3857078.23	2.31499	3.35276	2.60224	3.45E-02	2.37E-04	6.77E-02	0.102394	3.52E-02	2.33E-04	7.53E-02	0.110743	3.35E-02	2.96E-04	1.45E-01	1.78E-01
217	487677.14	3857078.23	2.26333	3.27821	2.54182	3.37E-02	2.31E-04	6.61E-02	0.100048	3.44E-02	2.28E-04	7.36E-02	0.108204	3.27E-02	2.89E-04	1.41E-01	1.74E-01
218	487727.14	3857078.23	2.21603	3.26734	2.48674	3.30E-02	2.31E-04	6.47E-02	0.097911	3.37E-02	2.27E-04	7.20E-02	0.10589	3.20E-02	2.88E-04	1.38E-01	1.70E-01
219	487777.14	3857078.23	2.16681	3.2286	2.42865	3.23E-02	2.28E-04	6.32E-02	0.095664	3.30E-02	2.24E-04	7.03E-02	0.103458	3.13E-02	2.85E-04	1.35E-01	1.67E-01
220	487427.14	3857128.23	2.6926	4.08358	3.0527	4.01E-02	2.88E-04	7.94E-02	0.119786	4.10E-02	2.84E-04	8.83E-02	0.129572	3.89E-02	3.60E-04	1.70E-01	2.09E-01
221	487477.14	3857128.23	2.61256	4.04256	2.96566	3.89E-02	2.85E-04	7.72E-02	0.116327	3.97E-02	2.81E-04	8.58E-02	0.125833	3.78E-02	3.57E-04	1.65E-01	2.03E-01
222	487527.14	3857128.23	2.53766	3.99241	2.86584	3.78E-02	2.82E-04	7.46E-02	0.112612	3.86E-02	2.77E-04	8.29E-02	0.121802	3.67E-02	3.52E-04	1.59E-01	1.96E-01
223	487577.14	3857128.23	2.47202	3.91697	2.78542	3.68E-02	2.77E-04	7.25E-02	0.109537	3.76E-02	2.72E-04	8.06E-02	0.118471	3.57E-02	3.46E-04	1.55E-01	1.91E-01
224	487627.14	3857128.23	2.40546	3.88997	2.71342	3.58E-02	2.75E-04	7.06E-02	0.106671	3.66E-02	2.70E-04	7.85E-02	0.115374	3.48E-02	3.43E-04	1.51E-01	1.86E-01
225	487677.14	3857128.23	2.3445	3.84659	2.63723	3.49E-02	2.72E-04	6.86E-02	0.103779	3.57E-02	2.67E-04	7.63E-02	0.112239	3.39E-02	3.39E-04	1.47E-01	1.81E-01
226	487727.14	3857128.23	2.29281	3.80033	2.58069	3.41E-02	2.68E-04	6.71E-02	0.101535	3.49E-02	2.64E-04	7.47E-02	0.109813	3.31E-02	3.35E-04	1.43E-01	1.77E-01
227	487777.14	3857128.23	2.23867	3.67769	2.5167	3.33E-02	2.60E-04	6.55E-02	0.099056	3.40E-02	2.56E-04	7.28E-02	0.10713	3.23E-02	3.24E-04	1.40E-01	1.73E-01
228	488049.44	3856539.39	1.46113	1.3128	1.58246	2.17E-02	9.27E-05	4.12E-02	0.06301	2.22E-02	9.12E-05	4.58E-02	0.068105	2.11E-02	1.16E-04	8.79E-02	1.09E-01
229	488099.44	3856539.39	1.43752	1.33345	1.55567	2.14E-02	9.42E-05	4.05E-02	0.061963	2.19E-02	9.27E-05	4.50E-02	0.066973	2.08E-02	1.18E-04	8.64E-02	1.07E-01
230	488149.44	3856539.39	1.41968	1.33833	1.53448	2.11E-02	9.45E-05	3.99E-02	0.061147	2.16E-02	9.30E-05	4.44E-02	0.066088	2.05E-02	1.18E-04	8.53E-02	1.06E-01
231	488049.44	3856589.39	1.50538	1.40299	1.62925	2.24E-02	9.91E-05	4.24E-02	0.064893	2.29E-02	9.75E-05	4.71E-02	0.070139	2.18E-02	1.24E-04	9.05E-02	1.12E-01

232	488099.44	3856589.39	1.48126	1.4158	1.60283	2.20E-02	1.00E-04	4.17E-02	0.063847	2.25E-02	9.84E-05	4.64E-02	0.069008	2.14E-02	1.25E-04	8.91E-02	1.11E-01
233	488149.44	3856589.39	1.46068	1.43488	1.57999	2.17E-02	1.01E-04	4.11E-02	0.062948	2.22E-02	9.97E-05	4.57E-02	0.068036	2.11E-02	1.27E-04	8.78E-02	1.09E-01
234	488199.44	3856589.39	1.43803	1.41644	1.55369	2.14E-02	1.00E-04	4.04E-02	0.061925	2.19E-02	9.84E-05	4.50E-02	0.066929	2.08E-02	1.25E-04	8.63E-02	1.07E-01
235	488249.44	3856589.39	1.42617	1.41392	1.53714	2.12E-02	9.98E-05	4.00E-02	0.061318	2.17E-02	9.83E-05	4.45E-02	0.066269	2.06E-02	1.25E-04	8.54E-02	1.06E-01
236	488049.44	3856639.39	1.55212	1.49015	1.68069	2.31E-02	1.05E-04	4.37E-02	0.066933	2.36E-02	1.04E-04	4.86E-02	0.072344	2.24E-02	1.31E-04	9.34E-02	1.16E-01
237	488099.44	3856639.39	1.52815	1.50499	1.65489	2.27E-02	1.06E-04	4.31E-02	0.065906	2.32E-02	1.05E-04	4.79E-02	0.071234	2.21E-02	1.33E-04	9.20E-02	1.14E-01
238	488149.44	3856639.39	1.50247	1.46886	1.6276	2.24E-02	1.04E-04	4.23E-02	0.064811	2.29E-02	1.02E-04	4.71E-02	0.070051	2.17E-02	1.30E-04	9.04E-02	1.12E-01
239	488199.44	3856639.39	1.48282	1.44452	1.60308	2.21E-02	1.02E-04	4.17E-02	0.063879	2.26E-02	1.00E-04	4.64E-02	0.069041	2.14E-02	1.27E-04	8.91E-02	1.11E-01
240	488249.44	3856639.39	1.46252	1.41522	1.57977	2.18E-02	9.99E-05	4.11E-02	0.062968	2.22E-02	9.84E-05	4.57E-02	0.068056	2.11E-02	1.25E-04	8.78E-02	1.09E-01
241	488299.44	3856639.39	1.44246	1.45083	1.55779	2.15E-02	1.02E-04	4.05E-02	0.0621	2.19E-02	1.01E-04	4.51E-02	0.067117	2.08E-02	1.28E-04	8.66E-02	1.08E-01
242	488349.44	3856639.39	1.42041	1.46469	1.53383	2.11E-02	1.03E-04	3.99E-02	0.06115	2.16E-02	1.02E-04	4.44E-02	0.066089	2.05E-02	1.29E-04	8.52E-02	1.06E-01
243	488399.44	3856639.39	1.40502	1.45535	1.51556	2.09E-02	1.03E-04	3.94E-02	0.060445	2.14E-02	1.01E-04	4.39E-02	0.065326	2.03E-02	1.28E-04	8.42E-02	1.05E-01
244	488099.44	3856689.39	1.56785	1.5103	1.70327	2.33E-02	1.07E-04	4.43E-02	0.067756	2.38E-02	1.05E-04	4.93E-02	0.073238	2.27E-02	1.33E-04	9.46E-02	1.17E-01
245	488149.44	3856689.39	1.54295	1.51464	1.67533	2.30E-02	1.07E-04	4.36E-02	0.066659	2.35E-02	1.05E-04	4.85E-02	0.072051	2.23E-02	1.34E-04	9.31E-02	1.16E-01
246	488199.44	3856689.39	1.52368	1.50273	1.65398	2.27E-02	1.06E-04	4.30E-02	0.065816	2.32E-02	1.04E-04	4.79E-02	0.07114	2.20E-02	1.33E-04	9.19E-02	1.14E-01
247	488249.44	3856689.39	1.50015	1.52304	1.62776	2.23E-02	1.08E-04	4.23E-02	0.064785	2.28E-02	1.06E-04	4.71E-02	0.070024	2.17E-02	1.34E-04	9.04E-02	1.12E-01
248	488299.44	3856689.39	1.48156	1.50189	1.60521	2.21E-02	1.06E-04	4.18E-02	0.06392	2.25E-02	1.04E-04	4.65E-02	0.069088	2.14E-02	1.33E-04	8.92E-02	1.11E-01
249	488349.44	3856689.39	1.45859	1.47222	1.57824	2.17E-02	1.04E-04	4.11E-02	0.062874	2.22E-02	1.02E-04	4.57E-02	0.067956	2.11E-02	1.30E-04	8.77E-02	1.09E-01
250	488399.44	3856689.39	1.43117	1.49487	1.5498	2.13E-02	1.06E-04	4.03E-02	0.061728	2.18E-02	1.04E-04	4.48E-02	0.066717	2.07E-02	1.32E-04	8.61E-02	1.07E-01
251	488099.44	3856739.39	1.6053	1.57466	1.7567	2.39E-02	1.11E-04	4.57E-02	0.069708	2.44E-02	1.09E-04	5.08E-02	0.075358	2.32E-02	1.39E-04	9.76E-02	1.21E-01
252	488149.44	3856739.39	1.57716	1.57114	1.72331	2.35E-02	1.11E-04	4.48E-02	0.06842	2.40E-02	1.09E-04	4.99E-02	0.073964	2.28E-02	1.39E-04	9.58E-02	1.19E-01
253	488199.44	3856739.39	1.5582	1.56639	1.69834	2.32E-02	1.11E-04	4.42E-02	0.067488	2.37E-02	1.09E-04	4.91E-02	0.072953	2.25E-02	1.38E-04	9.44E-02	1.17E-01
254	488249.44	3856739.39	1.53553	1.5749	1.67178	2.29E-02	1.11E-04	4.35E-02	0.06646	2.34E-02	1.09E-04	4.84E-02	0.07184	2.22E-02	1.39E-04	9.29E-02	1.15E-01
255	488299.44	3856739.39	1.5089	1.5788	1.64262	2.25E-02	1.11E-04	4.27E-02	0.065305	2.29E-02	1.10E-04	4.75E-02	0.070591	2.18E-02	1.39E-04	9.13E-02	1.13E-01
256	488349.44	3856739.39	1.49407	1.57632	1.62667	2.22E-02	1.11E-04	4.23E-02	0.064669	2.27E-02	1.10E-04	4.71E-02	0.069904	2.16E-02	1.39E-04	9.04E-02	1.12E-01
257	488399.44	3856739.39	1.47721	1.59502	1.60659	2.20E-02	1.13E-04	4.18E-02	0.063897	2.25E-02	1.11E-04	4.65E-02	0.069068	2.13E-02	1.41E-04	8.93E-02	1.11E-01
258	487999.44	3856789.39	1.69583	1.72316	1.85188	2.52E-02	1.22E-04	4.82E-02	0.073542	2.58E-02	1.20E-04	5.36E-02	0.0795	2.45E-02	1.52E-04	1.03E-01	1.28E-01
259	488049.44	3856789.39	1.66953	1.70727	1.82267	2.49E-02	1.21E-04	4.74E-02	0.07239	2.54E-02	1.19E-04	5.27E-02	0.078253	2.41E-02	1.51E-04	1.01E-01	1.26E-01
260	488099.44	3856789.39	1.64451	1.70535	1.80139	2.45E-02	1.20E-04	4.69E-02	0.071463	2.50E-02	1.19E-04	5.21E-02	0.077257	2.38E-02	1.50E-04	1.00E-01	1.24E-01
261	488149.44	3856789.39	1.6169	1.66039	1.77303	2.41E-02	1.17E-04	4.61E-02	0.070311	2.46E-02	1.15E-04	5.13E-02	0.076013	2.34E-02	1.47E-04	9.85E-02	1.22E-01
262	488199.44	3856789.39	1.59469	1.67388	1.7458	2.37E-02	1.18E-04	4.54E-02	0.069273	2.43E-02	1.16E-04	5.05E-02	0.074888	2.30E-02	1.48E-04	9.70E-02	1.20E-01
263	488249.44	3856789.39	1.56929	1.65981	1.71537	2.34E-02	1.17E-04	4.46E-02	0.068103	2.39E-02	1.15E-04	4.96E-02	0.073621	2.27E-02	1.46E-04	9.53E-02	1.18E-01
264	488299.44	3856789.39	1.54266	1.68335	1.68371	2.30E-02	1.19E-04	4.38E-02	0.066884	2.35E-02	1.17E-04	4.87E-02	0.072301	2.23E-02	1.49E-04	9.36E-02	1.16E-01
265	488349.44	3856789.39	1.52527	1.71626	1.66633	2.27E-02	1.21E-04	4.34E-02	0.066176	2.32E-02	1.19E-04	4.82E-02	0.071536	2.20E-02	1.51E-04	9.26E-02	1.15E-01
266	488399.44	3856789.39	1.50422	1.71239	1.64574	2.24E-02	1.21E-04	4.28E-02	0.065326	2.29E-02	1.19E-04	4.76E-02	0.07062	2.17E-02	1.51E-04	9.14E-02	1.13E-01
267	487949.44	3856839.39	1.76868	1.89692	1.93008	2.63E-02	1.34E-04	5.02E-02	0.076673	2.69E-02	1.32E-04	5.59E-02	0.082883	2.56E-02	1.67E-04	1.07E-01	1.33E-01
268	487999.44	3856839.39	1.73868	1.93317	1.90172	2.59E-02	1.36E-04	4.95E-02	0.075491	2.64E-02	1.34E-04	5.50E-02	0.081608	2.51E-02	1.71E-04	1.06E-01	1.31E-01
269	488049.44	3856839.39	1.70944	1.92051	1.8716	2.54E-02	1.36E-04	4.87E-02	0.074272	2.60E-02	1.33E-04	5.42E-02	0.080291	2.47E-02	1.69E-04	1.04E-01	1.29E-01
270	488099.44	3856839.39	1.68484	1.89007	1.84516	2.51E-02	1.33E-04	4.80E-02	0.073215	2.56E-02	1.31E-04	5.34E-02	0.07915	2.43E-02	1.67E-04	1.03E-01	1.27E-01
271	488149.44	3856839.39	1.66061	1.86288	1.81718	2.47E-02	1.32E-04	4.73E-02	0.072125	2.53E-02	1.29E-04	5.26E-02	0.07797	2.40E-02	1.64E-04	1.01E-01	1.25E-01
272	488199.44	3856839.39	1.63618	1.86926	1.79145	2.44E-02	1.32E-04	4.66E-02	0.071092	2.49E-02	1.30E-04	5.18E-02	0.076854	2.36E-02	1.65E-04	9.95E-02	1.23E-01
273	487949.44	3856889.39	1.81849	2.0865	1.99145	2.71E-02	1.47E-04	5.18E-02	0.079025	2.77E-02	1.45E-04	5.76E-02	0.085429	2.63E-02	1.84E-04	1.11E-01	1.37E-01
274	487999.44	3856889.39	1.79452	2.0701	1.95977	2.67E-02	1.46E-04	5.10E-02	0.077842	2.73E-02	1.44E-04	5.67E-02	0.084147	2.59E-02	1.83E-04	1.09E-01	1.35E-01
275	488049.44	3856889.39	1.76009	2.05976	1.92035	2.62E-02	1.45E-04	5.00E-02	0.076304	2.68E-02	1.43E-04	5.56E-02	0.082482	2.54E-02	1.82E-04	1.07E-01	1.32E-01
276	488099.44	3856889.39	1.7325	2.0473	1.89279	2.58E-02	1.45E-04	4.92E-02	0.075175	2.63E-02	1.42E-04	5.48E-02	0.081264	2.50E-02	1.81E-04	1.05E-01	1.30E-01
277	488635.86	3857895.05	1.95232	1.88628	2.25757	2.91E-02	1.33E-04	5.87E-02	0.087926	2.97E-02	1.31E-04	6.53E-02	0.095152	2.82E-02	1.66E-04	1.25E-01	1.54E-01
278	489137.64	3857804.15	1.49415	1.6148	1.73368	2.22E-02	1.14E-04	4.51E-02	0.067457	2.27E-02	1.12E-04	5.02E-02	0.073004	2.16E-02	1.42E-04	9.63E-02	1.18E-01

279	488617.32	3857859.41	1.96185	1.94939	2.26727	2.92E-02	1.38E-04	5.90E-02	0.088324	2.98E-02	1.35E-04	6.56E-02	0.095582	2.83E-02	1.72E-04	1.26E-01	1.55E-01
280	488667.32	3857859.41	1.90383	1.87419	2.20359	2.83E-02	1.32E-04	5.73E-02	0.085799	2.90E-02	1.30E-04	6.38E-02	0.092851	2.75E-02	1.65E-04	1.22E-01	1.50E-01
281	488717.32	3857859.41	1.85228	1.82665	2.1446	2.76E-02	1.29E-04	5.58E-02	0.083493	2.82E-02	1.27E-04	6.21E-02	0.090357	2.68E-02	1.61E-04	1.19E-01	1.46E-01
282	488767.32	3857859.41	1.80545	1.78875	2.08292	2.69E-02	1.26E-04	5.42E-02	0.081189	2.75E-02	1.24E-04	6.03E-02	0.087857	2.61E-02	1.58E-04	1.16E-01	1.42E-01
283	488617.32	3857909.41	1.98171	1.88439	2.28993	2.95E-02	1.33E-04	5.96E-02	0.089205	3.01E-02	1.31E-04	6.63E-02	0.096535	2.86E-02	1.66E-04	1.27E-01	1.56E-01
284	488667.32	3857909.41	1.92482	1.81886	2.21392	2.87E-02	1.28E-04	5.76E-02	0.086376	2.93E-02	1.26E-04	6.41E-02	0.093465	2.78E-02	1.60E-04	1.23E-01	1.51E-01
285	488717.32	3857909.41	1.86833	1.78598	2.16356	2.78E-02	1.26E-04	5.63E-02	0.084223	2.84E-02	1.24E-04	6.26E-02	0.091147	2.70E-02	1.58E-04	1.20E-01	1.47E-01
286	488767.32	3857909.41	1.81743	1.7458	2.09908	2.71E-02	1.23E-04	5.46E-02	0.081785	2.76E-02	1.21E-04	6.07E-02	0.088504	2.63E-02	1.54E-04	1.17E-01	1.43E-01
287	488417.32	3857959.41	2.27998	1.93891	2.6608	3.39E-02	1.37E-04	6.92E-02	0.103297	3.47E-02	1.35E-04	7.70E-02	0.111807	3.29E-02	1.71E-04	1.48E-01	1.81E-01
288	488467.32	3857959.41	2.2063	1.87274	2.55712	3.28E-02	1.32E-04	6.65E-02	0.099498	3.36E-02	1.30E-04	7.40E-02	0.107682	3.19E-02	1.65E-04	1.42E-01	1.74E-01
289	488517.32	3857959.41	2.14148	1.84566	2.45766	3.19E-02	1.30E-04	6.39E-02	0.095944	3.26E-02	1.28E-04	7.11E-02	0.103816	3.09E-02	1.63E-04	1.37E-01	1.68E-01
290	488567.32	3857959.41	2.07662	1.80509	2.36341	3.09E-02	1.27E-04	6.15E-02	0.092524	3.16E-02	1.25E-04	6.84E-02	0.100099	3.00E-02	1.59E-04	1.31E-01	1.61E-01
291	488617.32	3857959.41	2.01462	1.76782	2.29404	3.00E-02	1.25E-04	5.97E-02	0.089794	3.06E-02	1.23E-04	6.64E-02	0.097146	2.91E-02	1.56E-04	1.27E-01	1.57E-01
292	488667.32	3857959.41	1.9538	1.75212	2.23743	2.91E-02	1.24E-04	5.82E-02	0.087414	2.97E-02	1.22E-04	6.47E-02	0.094582	2.82E-02	1.55E-04	1.24E-01	1.53E-01
293	488717.32	3857959.41	1.89912	1.72219	2.17402	2.83E-02	1.22E-04	5.66E-02	0.084949	2.89E-02	1.20E-04	6.29E-02	0.091913	2.74E-02	1.52E-04	1.21E-01	1.48E-01
294	488767.32	3857959.41	1.84936	1.68017	2.11199	2.75E-02	1.19E-04	5.49E-02	0.082591	2.81E-02	1.17E-04	6.11E-02	0.089359	2.67E-02	1.48E-04	1.17E-01	1.44E-01
295	488417.32	3858009.41	2.31402	1.92113	2.70789	3.44E-02	1.36E-04	7.04E-02	0.105028	3.52E-02	1.34E-04	7.84E-02	0.113686	3.34E-02	1.70E-04	1.50E-01	1.84E-01
296	488467.32	3858009.41	2.24374	1.82888	2.60515	3.34E-02	1.29E-04	6.78E-02	0.101302	3.41E-02	1.27E-04	7.54E-02	0.109638	3.24E-02	1.61E-04	1.45E-01	1.77E-01
297	488517.32	3858009.41	2.17407	1.79179	2.5013	3.24E-02	1.27E-04	6.51E-02	0.097561	3.31E-02	1.25E-04	7.24E-02	0.10557	3.14E-02	1.58E-04	1.39E-01	1.71E-01
298	488567.32	3858009.41	2.10928	1.70427	2.39679	3.14E-02	1.20E-04	6.24E-02	0.093871	3.21E-02	1.18E-04	6.94E-02	0.101555	3.05E-02	1.50E-04	1.33E-01	1.64E-01
299	488617.32	3858009.41	2.04433	1.63817	2.31576	3.04E-02	1.16E-04	6.02E-02	0.090792	3.11E-02	1.14E-04	6.70E-02	0.098218	2.95E-02	1.45E-04	1.29E-01	1.58E-01
300	488667.32	3858009.41	1.9843	1.60203	2.24848	2.95E-02	1.13E-04	5.85E-02	0.088145	3.02E-02	1.11E-04	6.51E-02	0.095355	2.87E-02	1.41E-04	1.25E-01	1.54E-01
301	488717.32	3858009.41	1.93086	1.58511	2.18353	2.87E-02	1.12E-04	5.68E-02	0.085659	2.94E-02	1.10E-04	6.32E-02	0.092662	2.79E-02	1.40E-04	1.21E-01	1.49E-01
302	488767.32	3858009.41	1.88304	1.56213	2.12169	2.80E-02	1.10E-04	5.52E-02	0.083337	2.86E-02	1.09E-04	6.14E-02	0.090143	2.72E-02	1.38E-04	1.18E-01	1.45E-01
303	488417.32	3858059.41	2.34871	1.74111	2.75307	3.50E-02	1.23E-04	7.16E-02	0.106707	3.57E-02	1.21E-04	7.97E-02	0.115509	3.39E-02	1.54E-04	1.53E-01	1.87E-01
304	488467.32	3858059.41	2.27696	1.74459	2.6373	3.39E-02	1.23E-04	6.86E-02	0.102627	3.46E-02	1.21E-04	7.63E-02	0.111067	3.29E-02	1.54E-04	1.47E-01	1.80E-01
305	488517.32	3858059.41	2.20533	1.73893	2.52504	3.28E-02	1.23E-04	6.57E-02	0.09864	3.35E-02	1.21E-04	7.31E-02	0.106729	3.19E-02	1.53E-04	1.40E-01	1.72E-01
306	488567.32	3858059.41	2.13315	1.6878	2.41498	3.18E-02	1.19E-04	6.28E-02	0.094699	3.24E-02	1.17E-04	6.99E-02	0.102443	3.08E-02	1.49E-04	1.34E-01	1.65E-01
307	488617.32	3858059.41	2.06604	1.62397	2.31911	3.08E-02	1.15E-04	6.03E-02	0.091201	3.14E-02	1.13E-04	6.71E-02	0.098644	2.99E-02	1.43E-04	1.29E-01	1.59E-01
308	488667.32	3858059.41	2.00425	1.58913	2.24299	2.98E-02	1.12E-04	5.84E-02	0.088298	3.05E-02	1.10E-04	6.49E-02	0.095499	2.90E-02	1.40E-04	1.25E-01	1.54E-01
309	488417.32	3858109.41	2.39315	1.75041	2.79768	3.56E-02	1.24E-04	7.28E-02	0.108529	3.64E-02	1.22E-04	8.10E-02	0.117476	3.46E-02	1.54E-04	1.55E-01	1.90E-01
310	488467.32	3858109.41	2.31477	1.65051	2.64781	3.45E-02	1.17E-04	6.89E-02	0.103457	3.52E-02	1.15E-04	7.66E-02	0.11194	3.34E-02	1.46E-04	1.47E-01	1.81E-01
311	488517.32	3858109.41	2.23312	1.58672	2.51505	3.32E-02	1.12E-04	6.54E-02	0.098783	3.40E-02	1.10E-04	7.28E-02	0.106852	3.23E-02	1.40E-04	1.40E-01	1.72E-01
312	488567.32	3858109.41	2.14745	1.54478	2.40382	3.20E-02	1.09E-04	6.25E-02	0.094611	3.27E-02	1.07E-04	6.96E-02	0.102328	3.10E-02	1.36E-04	1.34E-01	1.65E-01
313	488617.32	3858109.41	2.0746	1.55935	2.30084	3.09E-02	1.10E-04	5.99E-02	0.090849	3.16E-02	1.08E-04	6.66E-02	0.098241	3.00E-02	1.38E-04	1.28E-01	1.58E-01
314	488667.32	3858109.41	2.00148	1.54526	2.23101	2.98E-02	1.09E-04	5.80E-02	0.087942	3.04E-02	1.07E-04	6.46E-02	0.095107	2.89E-02	1.36E-04	1.24E-01	1.53E-01
315	488769.93	3858449.27	1.78848	1.15531	1.85162	2.66E-02	8.16E-05	4.82E-02	0.074874	2.72E-02	8.03E-05	5.36E-02	0.080862	2.58E-02	1.02E-04	1.03E-01	1.29E-01
316	488819.93	3858449.27	1.72826	1.13142	1.79398	2.57E-02	7.99E-05	4.67E-02	0.072477	2.63E-02	7.86E-05	5.19E-02	0.078276	2.50E-02	9.98E-05	9.97E-02	1.25E-01
317	488819.93	3858499.27	1.72435	1.10805	1.68435	2.57E-02	7.82E-05	4.38E-02	0.069565	2.62E-02	7.70E-05	4.87E-02	0.075043	2.49E-02	9.78E-05	9.36E-02	1.19E-01
318	488869.93	3858499.27	1.66228	1.09537	1.64362	2.47E-02	7.73E-05	4.28E-02	0.06758	2.53E-02	7.61E-05	4.76E-02	0.072919	2.40E-02	9.66E-05	9.13E-02	1.15E-01
319	488869.93	3858549.27	1.69827	1.08058	1.59141	2.53E-02	7.63E-05	4.14E-02	0.066757	2.58E-02	7.51E-05	4.61E-02	0.071955	2.45E-02	9.53E-05	8.84E-02	1.13E-01
320	489438.17	3859571.48	0.75948	0.63298	0.80776	1.13E-02	4.47E-05	2.10E-02	0.032364	1.16E-02	4.40E-05	2.34E-02	0.034969	1.10E-02	5.58E-05	4.49E-02	5.59E-02
321	489488.17	3859571.48	0.72925	0.61544	0.78786	1.09E-02	4.35E-05	2.05E-02	0.031395	1.11E-02	4.28E-05	2.28E-02	0.033932	1.05E-02	5.43E-05	4.38E-02	5.44E-02
322	489538.17	3859571.48	0.71956	0.60624	0.77911	1.07E-02	4.28E-05	2.03E-02	0.031023	1.09E-02	4.21E-05	2.25E-02	0.033531	1.04E-02	5.35E-05	4.33E-02	5.37E-02
323	489588.17	3859571.48	0.7211	0.60145	0.7689	1.07E-02	4.25E-05	2.00E-02	0.03078	1.10E-02	4.18E-05	2.22E-02	0.033259	1.04E-02	5.31E-05	4.27E-02	5.32E-02
324	489438.17	3859621.48	0.70846	0.61801	0.77628	1.05E-02	4.36E-05	2.02E-02	0.030785	1.08E-02	4.30E-05	2.25E-02	0.033281	1.02E-02	5.45E-05	4.31E-02	5.34E-02
325	489488.17	3859621.48	0.72563	0.61778	0.78424	1.08E-02	4.36E-05	2.04E-02	0.031247	1.10E-02	4.29E-05	2.27E-02	0.033773	1.05E-02	5.45E-05	4.36E-02	5.41E-02

326	489538.17	3859621.48	0.71017	0.60415	0.76698	1.06E-02	4.27E-05	2.00E-02	0.030567	1.08E-02	4.20E-05	2.22E-02	0.033037	1.03E-02	5.33E-05	4.26E-02	5.29E-02
327	489588.17	3859621.48	0.69705	0.59095	0.75402	1.04E-02	4.17E-05	1.96E-02	0.030034	1.06E-02	4.11E-05	2.18E-02	0.032462	1.01E-02	5.21E-05	4.19E-02	5.20E-02
328	489238.17	3859671.48	0.70431	0.65378	0.76386	1.05E-02	4.62E-05	1.99E-02	0.030402	1.07E-02	4.54E-05	2.21E-02	0.032861	1.02E-02	5.77E-05	4.24E-02	5.27E-02
329	489288.17	3859671.48	0.69977	0.64063	0.75844	1.04E-02	4.52E-05	1.97E-02	0.030193	1.06E-02	4.45E-05	2.19E-02	0.032634	1.01E-02	5.65E-05	4.21E-02	5.23E-02
330	489338.17	3859671.48	0.70395	0.62423	0.76421	1.05E-02	4.41E-05	1.99E-02	0.030404	1.07E-02	4.34E-05	2.21E-02	0.032864	1.02E-02	5.51E-05	4.25E-02	5.27E-02
331	489388.17	3859671.48	0.69779	0.60665	0.75685	1.04E-02	4.28E-05	1.97E-02	0.030119	1.06E-02	4.22E-05	2.19E-02	0.032556	1.01E-02	5.35E-05	4.21E-02	5.22E-02
332	489438.17	3859671.48	0.69804	0.60907	0.75718	1.04E-02	4.30E-05	1.97E-02	0.030132	1.06E-02	4.23E-05	2.19E-02	0.032569	1.01E-02	5.37E-05	4.21E-02	5.22E-02
333	489488.17	3859671.48	0.68333	0.60297	0.75393	1.02E-02	4.26E-05	1.96E-02	0.029828	1.04E-02	4.19E-05	2.18E-02	0.032251	9.87E-03	5.32E-05	4.19E-02	5.18E-02
334	489538.17	3859671.48	0.69295	0.60183	0.75352	1.03E-02	4.25E-05	1.96E-02	0.02996	1.05E-02	4.18E-05	2.18E-02	0.032386	1.00E-02	5.31E-05	4.19E-02	5.19E-02
335	489588.17	3859671.48	0.692	0.59364	0.75201	1.03E-02	4.19E-05	1.96E-02	0.029906	1.05E-02	4.13E-05	2.18E-02	0.032327	1.00E-02	5.24E-05	4.18E-02	5.18E-02
336	489238.17	3859721.48	0.681	0.6384	0.76259	1.01E-02	4.51E-05	1.98E-02	0.030021	1.04E-02	4.44E-05	2.21E-02	0.032469	9.84E-03	5.63E-05	4.24E-02	5.23E-02
337	489288.17	3859721.48	0.6801	0.64104	0.74794	1.01E-02	4.53E-05	1.95E-02	0.029627	1.03E-02	4.46E-05	2.16E-02	0.032031	9.83E-03	5.66E-05	4.16E-02	5.14E-02
338	489338.17	3859721.48	0.67773	0.62533	0.74141	1.01E-02	4.42E-05	1.93E-02	0.02942	1.03E-02	4.35E-05	2.15E-02	0.031805	9.79E-03	5.52E-05	4.12E-02	5.10E-02
339	489388.17	3859721.48	0.68029	0.6143	0.73883	1.01E-02	4.34E-05	1.92E-02	0.029391	1.03E-02	4.27E-05	2.14E-02	0.031769	9.83E-03	5.42E-05	4.11E-02	5.09E-02
340	489438.17	3859721.48	0.67882	0.59363	0.73116	1.01E-02	4.19E-05	1.90E-02	0.029168	1.03E-02	4.13E-05	2.12E-02	0.031523	9.81E-03	5.24E-05	4.06E-02	5.05E-02
341	489488.17	3859721.48	0.67813	0.59679	0.73891	1.01E-02	4.21E-05	1.92E-02	0.029359	1.03E-02	4.15E-05	2.14E-02	0.031737	9.80E-03	5.27E-05	4.11E-02	5.09E-02
342	489538.17	3859721.48	0.66361	0.59092	0.73049	9.88E-03	4.17E-05	1.90E-02	0.028924	1.01E-02	4.11E-05	2.11E-02	0.031272	9.59E-03	5.21E-05	4.06E-02	5.02E-02
343	489588.17	3859721.48	0.66198	0.58634	0.73256	9.85E-03	4.14E-05	1.91E-02	0.028953	1.01E-02	4.08E-05	2.12E-02	0.031307	9.57E-03	5.17E-05	4.07E-02	5.03E-02
344	489238.17	3859771.48	0.66696	0.64001	0.76015	9.93E-03	4.52E-05	1.98E-02	0.029749	1.01E-02	4.45E-05	2.20E-02	0.032185	9.64E-03	5.65E-05	4.22E-02	5.19E-02
345	489288.17	3859771.48	0.66591	0.62665	0.74343	9.91E-03	4.42E-05	1.93E-02	0.029297	1.01E-02	4.36E-05	2.15E-02	0.031684	9.62E-03	5.53E-05	4.13E-02	5.10E-02
346	489338.17	3859771.48	0.658	0.62782	0.7329	9.79E-03	4.43E-05	1.91E-02	0.028906	1.00E-02	4.36E-05	2.12E-02	0.031259	9.51E-03	5.54E-05	4.07E-02	5.03E-02
347	489388.17	3859771.48	0.65692	0.61293	0.72319	9.78E-03	4.33E-05	1.88E-02	0.028636	9.99E-03	4.26E-05	2.09E-02	0.030961	9.49E-03	5.41E-05	4.02E-02	4.97E-02
348	489438.17	3859771.48	0.65488	0.60333	0.71357	9.75E-03	4.26E-05	1.86E-02	0.028355	9.96E-03	4.19E-05	2.06E-02	0.030651	9.46E-03	5.32E-05	3.97E-02	4.92E-02
349	489488.17	3859771.48	0.65932	0.58359	0.71201	9.81E-03	4.12E-05	1.85E-02	0.028379	1.00E-02	4.06E-05	2.06E-02	0.030672	9.53E-03	5.15E-05	3.96E-02	4.91E-02
350	489538.17	3859771.48	0.65586	0.58285	0.72116	9.76E-03	4.12E-05	1.88E-02	0.028565	9.97E-03	4.05E-05	2.09E-02	0.030884	9.48E-03	5.14E-05	4.01E-02	4.96E-02
351	489588.17	3859771.48	0.64181	0.57925	0.70974	9.55E-03	4.09E-05	1.85E-02	0.028059	9.76E-03	4.03E-05	2.05E-02	0.030339	9.27E-03	5.11E-05	3.94E-02	4.88E-02
352	489238.17	3859821.48	0.6681	0.63303	0.7422	9.94E-03	4.47E-05	1.93E-02	0.029298	1.02E-02	4.40E-05	2.15E-02	0.031682	9.65E-03	5.59E-05	4.12E-02	5.10E-02
353	489288.17	3859821.48	0.65029	0.62705	0.74518	9.68E-03	4.43E-05	1.94E-02	0.02911	9.89E-03	4.36E-05	2.16E-02	0.031497	9.40E-03	5.53E-05	4.14E-02	5.09E-02
354	489338.17	3859821.48	0.65015	0.61411	0.7219	9.68E-03	4.34E-05	1.88E-02	0.028502	9.89E-03	4.27E-05	2.09E-02	0.030821	9.39E-03	5.42E-05	4.01E-02	4.96E-02
355	489388.17	3859821.48	0.63993	0.61568	0.7192	9.53E-03	4.35E-05	1.87E-02	0.028279	9.73E-03	4.28E-05	2.08E-02	0.030587	9.25E-03	5.43E-05	4.00E-02	4.93E-02
356	489438.17	3859821.48	0.63669	0.60312	0.70412	9.48E-03	4.26E-05	1.83E-02	0.027838	9.68E-03	4.19E-05	2.04E-02	0.030101	9.20E-03	5.32E-05	3.91E-02	4.84E-02
357	489488.17	3859821.48	0.63676	0.595	0.69912	9.48E-03	4.20E-05	1.82E-02	0.027708	9.68E-03	4.14E-05	2.02E-02	0.029956	9.20E-03	5.25E-05	3.88E-02	4.81E-02
358	489538.17	3859821.48	0.64197	0.57528	0.69892	9.56E-03	4.06E-05	1.82E-02	0.027779	9.76E-03	4.00E-05	2.02E-02	0.030028	9.28E-03	5.08E-05	3.88E-02	4.82E-02
359	489588.17	3859821.48	0.63985	0.56942	0.70241	9.52E-03	4.02E-05	1.83E-02	0.027838	9.73E-03	3.96E-05	2.03E-02	0.030097	9.25E-03	5.02E-05	3.90E-02	4.83E-02
360	489238.17	3859871.48	0.65124	0.61825	0.72435	9.69E-03	4.37E-05	1.88E-02	0.028582	9.90E-03	4.30E-05	2.10E-02	0.030908	9.41E-03	5.46E-05	4.02E-02	4.97E-02
361	489288.17	3859871.48	0.64987	0.62066	0.72464	9.67E-03	4.38E-05	1.89E-02	0.028569	9.88E-03	4.31E-05	2.10E-02	0.030896	9.39E-03	5.48E-05	4.03E-02	4.97E-02
362	489338.17	3859871.48	0.63387	0.61382	0.72942	9.44E-03	4.33E-05	1.90E-02	0.028455	9.64E-03	4.27E-05	2.11E-02	0.030791	9.16E-03	5.42E-05	4.05E-02	4.97E-02
363	489388.17	3859871.48	0.63426	0.60341	0.70572	9.44E-03	4.26E-05	1.84E-02	0.027843	9.65E-03	4.19E-05	2.04E-02	0.03011	9.17E-03	5.32E-05	3.92E-02	4.84E-02
364	489438.17	3859871.48	0.62602	0.60657	0.70924	9.32E-03	4.28E-05	1.85E-02	0.027813	9.52E-03	4.22E-05	2.05E-02	0.030087	9.05E-03	5.35E-05	3.94E-02	4.85E-02
365	489488.17	3859871.48	0.62366	0.59656	0.69405	9.28E-03	4.21E-05	1.81E-02	0.027382	9.49E-03	4.15E-05	2.01E-02	0.029611	9.01E-03	5.26E-05	3.86E-02	4.76E-02
366	489538.17	3859871.48	0.62043	0.58561	0.68484	9.23E-03	4.13E-05	1.78E-02	0.027093	9.44E-03	4.07E-05	1.98E-02	0.029294	8.97E-03	5.17E-05	3.81E-02	4.71E-02
367	489588.17	3859871.48	0.63009	0.56739	0.68606	9.38E-03	4.01E-05	1.78E-02	0.027267	9.58E-03	3.94E-05	1.99E-02	0.029475	9.10E-03	5.01E-05	3.81E-02	4.73E-02
368	489238.17	3859921.48	0.63454	0.60203	0.71814	9.45E-03	4.25E-05	1.87E-02	0.028171	9.65E-03	4.18E-05	2.08E-02	0.030473	9.17E-03	5.31E-05	3.99E-02	4.91E-02
369	489288.17	3859921.48	0.63593	0.60646	0.71127	9.47E-03	4.28E-05	1.85E-02	0.028013	9.67E-03	4.22E-05	2.06E-02	0.030296	9.19E-03	5.35E-05	3.95E-02	4.88E-02
370	489338.17	3859921.48	0.63475	0.6103	0.71001	9.45E-03	4.31E-05	1.85E-02	0.027963	9.65E-03	4.24E-05	2.05E-02	0.030242	9.17E-03	5.38E-05	3.95E-02	4.87E-02
371	489388.17	3859921.48	0.61972	0.60487	0.71928	9.22E-03	4.27E-05	1.87E-02	0.02798	9.43E-03	4.20E-05	2.08E-02	0.030281	8.96E-03	5.34E-05	4.00E-02	4.90E-02
372	489438.17	3859921.48	0.62425	0.5959	0.69675	9.29E-03	4.21E-05	1.81E-02	0.02746	9.49E-03	4.14E-05	2.02E-02	0.029698	9.02E-03	5.26E-05	3.87E-02	4.78E-02

373	489488.17	3859921.48	0.62216	0.5982	0.69753	9.26E-03	4.22E-05	1.81E-02	0.02745	9.46E-03	4.16E-05	2.02E-02	0.029689	8.99E-03	5.28E-05	3.88E-02	4.78E-02
374	489538.17	3859921.48	0.60564	0.58722	0.68094	9.01E-03	4.15E-05	1.77E-02	0.026772	9.21E-03	4.08E-05	1.97E-02	0.028956	8.75E-03	5.18E-05	3.78E-02	4.66E-02
375	489588.17	3859921.48	0.60265	0.57558	0.67334	8.97E-03	4.06E-05	1.75E-02	0.026529	9.17E-03	4.00E-05	1.95E-02	0.02869	8.71E-03	5.08E-05	3.74E-02	4.62E-02
376	489238.17	3859971.48	0.62271	0.57858	0.70443	9.27E-03	4.09E-05	1.83E-02	0.027636	9.47E-03	4.02E-05	2.04E-02	0.029895	9.00E-03	5.10E-05	3.91E-02	4.82E-02
377	489288.17	3859971.48	0.6218	0.59259	0.70402	9.26E-03	4.18E-05	1.83E-02	0.027613	9.46E-03	4.12E-05	2.04E-02	0.02987	8.99E-03	5.23E-05	3.91E-02	4.82E-02
378	489338.17	3859971.48	0.62193	0.59442	0.69938	9.26E-03	4.20E-05	1.82E-02	0.027494	9.46E-03	4.13E-05	2.02E-02	0.029738	8.99E-03	5.24E-05	3.89E-02	4.79E-02
379	489388.17	3859971.48	0.62427	0.60157	0.69815	9.29E-03	4.25E-05	1.82E-02	0.027498	9.49E-03	4.18E-05	2.02E-02	0.029739	9.02E-03	5.31E-05	3.88E-02	4.79E-02
380	489438.17	3859971.48	0.62604	0.59735	0.71195	9.32E-03	4.22E-05	1.85E-02	0.027883	9.52E-03	4.15E-05	2.06E-02	0.030165	9.05E-03	5.27E-05	3.96E-02	4.87E-02
381	489488.17	3859971.48	0.62199	0.58858	0.68992	9.26E-03	4.16E-05	1.79E-02	0.027249	9.46E-03	4.09E-05	2.00E-02	0.029465	8.99E-03	5.19E-05	3.83E-02	4.74E-02
382	489538.17	3859971.48	0.61912	0.59233	0.6882	9.22E-03	4.18E-05	1.79E-02	0.027161	9.42E-03	4.12E-05	1.99E-02	0.029372	8.95E-03	5.23E-05	3.82E-02	4.72E-02
383	489588.17	3859971.48	0.60869	0.58352	0.67676	9.06E-03	4.12E-05	1.76E-02	0.026708	9.26E-03	4.06E-05	1.96E-02	0.028882	8.80E-03	5.15E-05	3.76E-02	4.65E-02
384	483577.7	3854071	1.03965	1.79918	1.27914	1.55E-02	1.27E-04	3.33E-02	0.04888	1.58E-02	1.25E-04	3.70E-02	0.052952	1.50E-02	1.59E-04	7.11E-02	8.63E-02
385	483627.7	3854071	1.01283	1.71058	1.20555	1.51E-02	1.21E-04	3.14E-02	0.04656	1.54E-02	1.19E-04	3.49E-02	0.050408	1.46E-02	1.51E-04	6.70E-02	8.18E-02
386	483677.7	3854071	0.97743	1.60536	1.1427	1.45E-02	1.13E-04	2.97E-02	0.044391	1.49E-02	1.12E-04	3.31E-02	0.048044	1.41E-02	1.42E-04	6.35E-02	7.78E-02
387	483727.7	3854071	0.9306	1.48994	1.07399	1.39E-02	1.05E-04	2.79E-02	0.041898	1.42E-02	1.04E-04	3.11E-02	0.045335	1.34E-02	1.31E-04	5.97E-02	7.33E-02
388	483777.7	3854071	0.8657	1.37801	0.98342	1.29E-02	9.73E-05	2.56E-02	0.038568	1.32E-02	9.58E-05	2.85E-02	0.04172	1.25E-02	1.22E-04	5.46E-02	6.73E-02
389	483577.7	3854121	1.10158	1.87198	1.41284	1.64E-02	1.32E-04	3.68E-02	0.053285	1.68E-02	1.30E-04	4.09E-02	0.057768	1.59E-02	1.65E-04	7.85E-02	9.46E-02
390	483627.7	3854121	1.0637	1.79829	1.30109	1.58E-02	1.27E-04	3.38E-02	0.049809	1.62E-02	1.25E-04	3.77E-02	0.053953	1.54E-02	1.59E-04	7.23E-02	8.78E-02
391	483677.7	3854121	1.0167	1.58807	1.18262	1.51E-02	1.12E-04	3.08E-02	0.046012	1.55E-02	1.10E-04	3.42E-02	0.049795	1.47E-02	1.40E-04	6.57E-02	8.05E-02
392	483727.7	3854121	0.94555	1.48775	1.07742	1.41E-02	1.05E-04	2.80E-02	0.042209	1.44E-02	1.03E-04	3.12E-02	0.045662	1.37E-02	1.31E-04	5.99E-02	7.37E-02
393	483777.7	3854121	0.88328	1.37607	1.00372	1.31E-02	9.72E-05	2.61E-02	0.039357	1.34E-02	9.56E-05	2.90E-02	0.042574	1.28E-02	1.21E-04	5.58E-02	6.87E-02
394	483577.7	3854171	1.14765	1.93028	1.47923	1.71E-02	1.36E-04	3.85E-02	0.055702	1.75E-02	1.34E-04	4.28E-02	0.060393	1.66E-02	1.70E-04	8.22E-02	9.89E-02
395	483627.7	3854171	1.0919	1.78567	1.32184	1.63E-02	1.26E-04	3.44E-02	0.050768	1.66E-02	1.24E-04	3.83E-02	0.054981	1.58E-02	1.58E-04	7.34E-02	8.94E-02
396	483677.7	3854171	1.03772	1.58465	1.20239	1.54E-02	1.12E-04	3.13E-02	0.046839	1.58E-02	1.10E-04	3.48E-02	0.050687	1.50E-02	1.40E-04	6.68E-02	8.19E-02
397	483727.7	3854171	0.97825	1.49437	1.11393	1.46E-02	1.06E-04	2.90E-02	0.043646	1.49E-02	1.04E-04	3.22E-02	0.047216	1.41E-02	1.32E-04	6.19E-02	7.62E-02
398	483777.7	3854171	0.91203	1.35799	1.02744	1.36E-02	9.59E-05	2.67E-02	0.040401	1.39E-02	9.44E-05	2.97E-02	0.043697	1.32E-02	1.20E-04	5.71E-02	7.04E-02
399	483827.7	3854171	0.81841	1.24182	0.92233	1.22E-02	8.77E-05	2.40E-02	0.036265	1.24E-02	8.63E-05	2.67E-02	0.039223	1.18E-02	1.10E-04	5.13E-02	6.32E-02
400	483877.7	3854171	0.76204	1.12332	0.86548	1.13E-02	7.93E-05	2.25E-02	0.033938	1.16E-02	7.81E-05	2.50E-02	0.036712	1.10E-02	9.91E-05	4.81E-02	5.92E-02
401	483727.7	3854221	1.02348	1.51163	1.16627	1.52E-02	1.07E-04	3.03E-02	0.045683	1.56E-02	1.05E-04	3.37E-02	0.04942	1.48E-02	1.33E-04	6.48E-02	7.97E-02
402	483777.7	3854221	0.94544	1.38675	1.06985	1.41E-02	9.79E-05	2.78E-02	0.042004	1.44E-02	9.64E-05	3.10E-02	0.045434	1.37E-02	1.22E-04	5.94E-02	7.32E-02
403	483827.7	3854221	0.90279	1.33088	1.01633	1.34E-02	9.40E-05	2.64E-02	0.039973	1.37E-02	9.25E-05	2.94E-02	0.043233	1.30E-02	1.17E-04	5.65E-02	6.96E-02
404	483877.7	3854221	0.82399	1.17284	0.92918	1.23E-02	8.28E-05	2.42E-02	0.036521	1.25E-02	8.15E-05	2.69E-02	0.039501	1.19E-02	1.03E-04	5.16E-02	6.36E-02
405	489150.19	3858726.45	1.45703	0.93128	1.28855	2.17E-02	6.58E-05	3.35E-02	0.055276	2.22E-02	6.47E-05	3.73E-02	0.059512	2.11E-02	8.22E-05	7.16E-02	9.27E-02
406	489200.19	3858726.45	1.40401	0.91827	1.25286	2.09E-02	6.48E-05	3.26E-02	0.053558	2.14E-02	6.38E-05	3.63E-02	0.057671	2.03E-02	8.10E-05	6.96E-02	9.00E-02
407	489150.19	3858776.45	1.47736	0.93355	1.27237	2.20E-02	6.59E-05	3.31E-02	0.055158	2.25E-02	6.49E-05	3.68E-02	0.059353	2.13E-02	8.24E-05	7.07E-02	9.21E-02
408	489200.19	3858776.45	1.41569	0.90386	1.24421	2.11E-02	6.38E-05	3.24E-02	0.053505	2.15E-02	6.28E-05	3.60E-02	0.057598	2.05E-02	7.98E-05	6.91E-02	8.97E-02
409	488919.6	3856400.76	1.08453	1.06829	1.16009	1.61E-02	7.54E-05	3.02E-02	0.046399	1.65E-02	7.42E-05	3.36E-02	0.050139	1.57E-02	9.43E-05	6.45E-02	8.02E-02
410	488919.6	3856450.76	1.10703	1.11426	1.1874	1.65E-02	7.87E-05	3.09E-02	0.047448	1.68E-02	7.74E-05	3.44E-02	0.051274	1.60E-02	9.83E-05	6.60E-02	8.21E-02
411	488969.6	3856450.76	1.09322	1.12755	1.17185	1.63E-02	7.96E-05	3.05E-02	0.046839	1.66E-02	7.84E-05	3.39E-02	0.050615	1.58E-02	9.95E-05	6.51E-02	8.10E-02
412	488919.6	3856500.76	1.12929	1.15767	1.21577	1.68E-02	8.17E-05	3.16E-02	0.04852	1.72E-02	8.05E-05	3.52E-02	0.052437	1.63E-02	1.02E-04	6.76E-02	8.40E-02
413	488969.6	3856500.76	1.11634	1.16207	1.20042	1.66E-02	8.21E-05	3.12E-02	0.047929	1.70E-02	8.08E-05	3.47E-02	0.051796	1.61E-02	1.03E-04	6.67E-02	8.29E-02
414	488919.6	3856550.76	1.1532	1.20551	1.24492	1.72E-02	8.51E-05	3.24E-02	0.049638	1.75E-02	8.38E-05	3.60E-02	0.053647	1.67E-02	1.06E-04	6.92E-02	8.59E-02
415	488969.6	3856550.76	1.13717	1.21685	1.22629	1.69E-02	8.59E-05	3.19E-02	0.048915	1.73E-02	8.46E-05	3.55E-02	0.052865	1.64E-02	1.07E-04	6.81E-02	8.47E-02
416	488819.6	3856600.76	1.20806	1.27796	1.30962	1.80E-02	9.02E-05	3.41E-02	0.052143	1.84E-02	8.88E-05	3.79E-02	0.056359	1.75E-02	1.13E-04	7.28E-02	9.03E-02
417	488869.6	3856600.76	1.18965	1.28033	1.29233	1.77E-02	9.04E-05	3.36E-02	0.051419	1.81E-02	8.90E-05	3.74E-02	0.055579	1.72E-02	1.13E-04	7.18E-02	8.91E-02
418	488919.6	3856600.76	1.17234	1.27257	1.27709	1.75E-02	8.99E-05	3.32E-02	0.050765	1.78E-02	8.84E-05	3.70E-02	0.054874	1.69E-02	1.12E-04	7.10E-02	8.80E-02
419	488819.6	3856650.76	1.23851	1.33964	1.34493	1.84E-02	9.46E-05	3.50E-02	0.053519	1.88E-02	9.31E-05	3.89E-02	0.057848	1.79E-02	1.18E-04	7.47E-02	9.27E-02

420	488869.6	3856650.76	1.21762	1.32187	1.32579	1.81E-02	9.33E-05	3.45E-02	0.052709	1.85E-02	9.19E-05	3.84E-02	0.056975	1.76E-02	1.17E-04	7.37E-02	9.14E-02
421	488819.6	3856700.76	1.26294	1.36125	1.37957	1.88E-02	9.61E-05	3.59E-02	0.054785	1.92E-02	9.46E-05	3.99E-02	0.059223	1.82E-02	1.20E-04	7.67E-02	9.50E-02
422	488869.6	3856700.76	1.24325	1.35041	1.36004	1.85E-02	9.54E-05	3.54E-02	0.053984	1.89E-02	9.39E-05	3.94E-02	0.058358	1.80E-02	1.19E-04	7.56E-02	9.37E-02
423	488819.6	3856750.76	1.28331	1.4568	1.41251	1.91E-02	1.03E-04	3.67E-02	0.055952	1.95E-02	1.01E-04	4.09E-02	0.060493	1.85E-02	1.29E-04	7.85E-02	9.72E-02
424	488869.6	3856750.76	1.2652	1.45764	1.3931	1.88E-02	1.03E-04	3.62E-02	0.055178	1.92E-02	1.01E-04	4.03E-02	0.059656	1.83E-02	1.29E-04	7.74E-02	9.58E-02
425	488819.6	3857050.76	1.42594	1.98301	1.60107	2.12E-02	1.40E-04	4.17E-02	0.063018	2.17E-02	1.38E-04	4.63E-02	0.068155	2.06E-02	1.75E-04	8.90E-02	1.10E-01
426	488869.6	3857050.76	1.40355	1.9363	1.57612	2.09E-02	1.37E-04	4.10E-02	0.062032	2.13E-02	1.35E-04	4.56E-02	0.06709	2.03E-02	1.71E-04	8.76E-02	1.08E-01
427	488919.6	3857050.76	1.38026	1.90434	1.55145	2.05E-02	1.34E-04	4.04E-02	0.061042	2.10E-02	1.32E-04	4.49E-02	0.066019	1.99E-02	1.68E-04	8.62E-02	1.06E-01
428	488819.6	3857100.76	1.44736	2.11792	1.62404	2.15E-02	1.50E-04	4.23E-02	0.063944	2.20E-02	1.47E-04	4.70E-02	0.069155	2.09E-02	1.87E-04	9.02E-02	1.11E-01
429	488869.6	3857100.76	1.4228	2.09411	1.59754	2.12E-02	1.48E-04	4.16E-02	0.062887	2.16E-02	1.46E-04	4.62E-02	0.068013	2.06E-02	1.85E-04	8.88E-02	1.10E-01
430	488919.6	3857100.76	1.39879	2.05723	1.57211	2.08E-02	1.45E-04	4.09E-02	0.061866	2.13E-02	1.43E-04	4.55E-02	0.06691	2.02E-02	1.82E-04	8.74E-02	1.08E-01
431	488819.6	3857150.76	1.46817	2.17822	1.64919	2.19E-02	1.54E-04	4.29E-02	0.064912	2.23E-02	1.51E-04	4.77E-02	0.070204	2.12E-02	1.92E-04	9.16E-02	1.13E-01
432	488869.6	3857150.76	1.44178	2.12	1.62041	2.15E-02	1.50E-04	4.22E-02	0.063767	2.19E-02	1.47E-04	4.69E-02	0.068965	2.08E-02	1.87E-04	9.00E-02	1.11E-01
433	488919.6	3857150.76	1.41613	2.05946	1.59403	2.11E-02	1.45E-04	4.15E-02	0.062694	2.15E-02	1.43E-04	4.61E-02	0.067808	2.05E-02	1.82E-04	8.86E-02	1.09E-01
434	488969.6	3857150.76	1.39187	2.0043	1.56933	2.07E-02	1.42E-04	4.08E-02	0.061687	2.12E-02	1.39E-04	4.54E-02	0.06672	2.01E-02	1.77E-04	8.72E-02	1.07E-01
435	488819.6	3857200.76	1.48831	2.22458	1.67694	2.22E-02	1.57E-04	4.36E-02	0.065937	2.26E-02	1.55E-04	4.85E-02	0.071316	2.15E-02	1.96E-04	9.32E-02	1.15E-01
436	488869.6	3857200.76	1.46166	2.16084	1.64545	2.18E-02	1.53E-04	4.28E-02	0.064717	2.22E-02	1.50E-04	4.76E-02	0.069995	2.11E-02	1.91E-04	9.14E-02	1.13E-01
437	488919.6	3857200.76	1.43616	2.11408	1.61623	2.14E-02	1.49E-04	4.20E-02	0.063574	2.18E-02	1.47E-04	4.68E-02	0.068759	2.08E-02	1.87E-04	8.98E-02	1.11E-01
438	488969.6	3857200.76	1.41097	2.03086	1.5891	2.10E-02	1.43E-04	4.13E-02	0.062487	2.15E-02	1.41E-04	4.60E-02	0.067585	2.04E-02	1.79E-04	8.83E-02	1.09E-01
439	488819.6	3857250.76	1.50826	2.25414	1.70088	2.25E-02	1.59E-04	4.42E-02	0.066859	2.29E-02	1.57E-04	4.92E-02	0.072314	2.18E-02	1.99E-04	9.45E-02	1.17E-01
440	488869.6	3857250.76	1.47733	2.20043	1.6698	2.20E-02	1.55E-04	4.34E-02	0.065586	2.25E-02	1.53E-04	4.83E-02	0.070941	2.13E-02	1.94E-04	9.28E-02	1.14E-01
441	488919.6	3857250.76	1.45003	2.14443	1.63862	2.16E-02	1.51E-04	4.26E-02	0.064365	2.21E-02	1.49E-04	4.74E-02	0.06962	2.10E-02	1.89E-04	9.11E-02	1.12E-01
442	488969.6	3857250.76	1.42415	2.07937	1.60827	2.12E-02	1.47E-04	4.18E-02	0.063186	2.17E-02	1.45E-04	4.65E-02	0.068343	2.06E-02	1.83E-04	8.94E-02	1.10E-01
443	488819.6	3857300.76	1.5253	2.29066	1.72186	2.27E-02	1.62E-04	4.48E-02	0.067661	2.32E-02	1.59E-04	4.98E-02	0.073183	2.20E-02	2.02E-04	9.57E-02	1.18E-01
444	488869.6	3857300.76	1.49593	2.22938	1.6876	2.23E-02	1.57E-04	4.39E-02	0.066328	2.28E-02	1.55E-04	4.88E-02	0.071741	2.16E-02	1.97E-04	9.38E-02	1.16E-01
445	488919.6	3857300.76	1.46799	2.15602	1.65534	2.19E-02	1.52E-04	4.31E-02	0.065068	2.23E-02	1.50E-04	4.79E-02	0.070377	2.12E-02	1.90E-04	9.20E-02	1.13E-01
446	488819.6	3857450.76	1.58769	2.2595	1.81872	2.36E-02	1.60E-04	4.73E-02	0.071108	2.41E-02	1.57E-04	5.26E-02	0.076933	2.29E-02	1.99E-04	1.01E-01	1.24E-01
447	488869.6	3857450.76	1.55288	2.18979	1.77854	2.31E-02	1.55E-04	4.63E-02	0.069539	2.36E-02	1.52E-04	5.15E-02	0.075236	2.24E-02	1.93E-04	9.88E-02	1.21E-01
448	488919.6	3857450.76	1.51989	2.12088	1.73533	2.26E-02	1.50E-04	4.51E-02	0.067919	2.31E-02	1.47E-04	5.02E-02	0.073479	2.20E-02	1.87E-04	9.64E-02	1.19E-01
449	488819.6	3857500.76	1.60425	2.23306	1.84642	2.39E-02	1.58E-04	4.80E-02	0.072073	2.44E-02	1.55E-04	5.34E-02	0.077984	2.32E-02	1.97E-04	1.03E-01	1.26E-01
450	488869.6	3857500.76	1.5679	2.16182	1.80529	2.33E-02	1.53E-04	4.70E-02	0.070457	2.38E-02	1.50E-04	5.22E-02	0.076236	2.27E-02	1.91E-04	1.00E-01	1.23E-01
451	488919.6	3857500.76	1.53261	2.08592	1.76501	2.28E-02	1.47E-04	4.59E-02	0.068878	2.33E-02	1.45E-04	5.11E-02	0.074529	2.21E-02	1.84E-04	9.81E-02	1.20E-01
452	488819.6	3857550.76	1.63655	2.12066	1.87385	2.44E-02	1.50E-04	4.87E-02	0.073259	2.49E-02	1.47E-04	5.42E-02	0.079262	2.36E-02	1.87E-04	1.04E-01	1.28E-01
453	488869.6	3857550.76	1.59384	2.0528	1.83038	2.37E-02	1.45E-04	4.76E-02	0.071488	2.42E-02	1.43E-04	5.30E-02	0.077349	2.30E-02	1.81E-04	1.02E-01	1.25E-01
454	488919.6	3857550.76	1.55416	1.99789	1.78784	2.31E-02	1.41E-04	4.65E-02	0.069787	2.36E-02	1.39E-04	5.17E-02	0.075511	2.25E-02	1.76E-04	9.93E-02	1.22E-01
455	489663.71	3860900.05	0.3675	0.36402	0.43636	5.47E-03	2.57E-05	1.14E-02	0.016848	5.59E-03	2.53E-05	1.26E-02	0.018242	5.31E-03	3.21E-05	2.42E-02	2.96E-02
456	489813.71	3860900.05	0.38071	0.3764	0.43909	5.67E-03	2.66E-05	1.14E-02	0.017117	5.79E-03	2.62E-05	1.27E-02	0.018522	5.50E-03	3.32E-05	2.44E-02	2.99E-02
457	489863.71	3860900.05	0.38606	0.37469	0.44476	5.75E-03	2.65E-05	1.16E-02	0.017344	5.87E-03	2.60E-05	1.29E-02	0.018768	5.58E-03	3.31E-05	2.47E-02	3.03E-02
458	489913.71	3860900.05	0.39175	0.37397	0.44094	5.83E-03	2.64E-05	1.15E-02	0.017329	5.96E-03	2.60E-05	1.28E-02	0.018744	5.66E-03	3.30E-05	2.45E-02	3.02E-02
459	489963.71	3860900.05	0.39371	0.3811	0.44643	5.86E-03	2.69E-05	1.16E-02	0.017501	5.99E-03	2.65E-05	1.29E-02	0.018933	5.69E-03	3.36E-05	2.48E-02	3.05E-02
460	490013.71	3860900.05	0.39419	0.39038	0.45167	5.87E-03	2.76E-05	1.18E-02	0.017646	6.00E-03	2.71E-05	1.31E-02	0.019092	5.70E-03	3.44E-05	2.51E-02	3.08E-02
461	490063.71	3860900.05	0.39301	0.38869	0.45793	5.85E-03	2.74E-05	1.19E-02	0.017791	5.98E-03	2.70E-05	1.33E-02	0.019255	5.68E-03	3.43E-05	2.54E-02	3.12E-02
462	489663.71	3860950.05	0.35784	0.3535	0.42148	5.33E-03	2.50E-05	1.10E-02	0.016317	5.44E-03	2.46E-05	1.22E-02	0.017663	5.17E-03	3.12E-05	2.34E-02	2.86E-02
463	489813.71	3860950.05	0.36942	0.36712	0.42553	5.50E-03	2.59E-05	1.11E-02	0.016595	5.62E-03	2.55E-05	1.23E-02	0.017958	5.34E-03	3.24E-05	2.36E-02	2.90E-02
464	489863.71	3860950.05	0.3741	0.36962	0.43196	5.57E-03	2.61E-05	1.12E-02	0.016832	5.69E-03	2.57E-05	1.25E-02	0.018215	5.41E-03	3.26E-05	2.40E-02	2.94E-02
465	489913.71	3860950.05	0.37993	0.36953	0.43747	5.66E-03	2.61E-05	1.14E-02	0.017062	5.78E-03	2.57E-05	1.27E-02	0.018463	5.49E-03	3.26E-05	2.43E-02	2.98E-02
466	489963.71	3860950.05	0.38424	0.36845	0.43344	5.72E-03	2.60E-05	1.13E-02	0.017022	5.84E-03	2.56E-05	1.25E-02	0.018412	5.55E-03	3.25E-05	2.41E-02	2.97E-02

467	490013.71	3860950.05	0.38681	0.37648	0.44022	5.76E-03	2.66E-05	1.15E-02	0.017237	5.88E-03	2.62E-05	1.27E-02	0.018648	5.59E-03	3.32E-05	2.45E-02	3.01E-02
468	490063.71	3860950.05	0.38662	0.38466	0.44445	5.75E-03	2.72E-05	1.16E-02	0.017345	5.88E-03	2.67E-05	1.29E-02	0.018768	5.59E-03	3.39E-05	2.47E-02	3.03E-02
469	489513.71	3861000.05	0.3545	0.34278	0.39912	5.28E-03	2.42E-05	1.04E-02	0.015684	5.39E-03	2.38E-05	1.15E-02	0.016965	5.12E-03	3.02E-05	2.22E-02	2.73E-02
470	489563.71	3861000.05	0.35008	0.3434	0.39894	5.21E-03	2.42E-05	1.04E-02	0.015614	5.32E-03	2.39E-05	1.15E-02	0.016892	5.06E-03	3.03E-05	2.22E-02	2.73E-02
471	489613.71	3861000.05	0.34678	0.34583	0.40876	5.16E-03	2.44E-05	1.06E-02	0.01582	5.27E-03	2.40E-05	1.18E-02	0.017127	5.01E-03	3.05E-05	2.27E-02	2.78E-02
472	489663.71	3861000.05	0.35025	0.34506	0.40765	5.21E-03	2.44E-05	1.06E-02	0.015843	5.33E-03	2.40E-05	1.18E-02	0.017147	5.06E-03	3.04E-05	2.27E-02	2.77E-02
473	489713.71	3861000.05	0.35267	0.34962	0.41673	5.25E-03	2.47E-05	1.08E-02	0.016116	5.36E-03	2.43E-05	1.21E-02	0.017447	5.10E-03	3.08E-05	2.32E-02	2.83E-02
474	489763.71	3861000.05	0.35689	0.35547	0.4234	5.31E-03	2.51E-05	1.10E-02	0.016352	5.43E-03	2.47E-05	1.23E-02	0.017705	5.16E-03	3.14E-05	2.35E-02	2.87E-02
475	489813.71	3861000.05	0.363	0.36039	0.41931	5.40E-03	2.54E-05	1.09E-02	0.016337	5.52E-03	2.50E-05	1.21E-02	0.01768	5.25E-03	3.18E-05	2.33E-02	2.86E-02
476	489863.71	3861000.05	0.3632	0.36149	0.41853	5.41E-03	2.55E-05	1.09E-02	0.01632	5.52E-03	2.51E-05	1.21E-02	0.01766	5.25E-03	3.19E-05	2.33E-02	2.85E-02
477	489913.71	3861000.05	0.36848	0.36496	0.42651	5.48E-03	2.58E-05	1.11E-02	0.016607	5.60E-03	2.54E-05	1.23E-02	0.017972	5.32E-03	3.22E-05	2.37E-02	2.91E-02
478	489963.71	3861000.05	0.37341	0.36365	0.42854	5.56E-03	2.57E-05	1.11E-02	0.016733	5.68E-03	2.53E-05	1.24E-02	0.018105	5.40E-03	3.21E-05	2.38E-02	2.92E-02
479	490013.71	3861000.05	0.37747	0.36347	0.42683	5.62E-03	2.57E-05	1.11E-02	0.016749	5.74E-03	2.53E-05	1.24E-02	0.018117	5.45E-03	3.21E-05	2.37E-02	2.92E-02
480	490063.71	3861000.05	0.37992	0.37159	0.43393	5.66E-03	2.62E-05	1.13E-02	0.01697	5.78E-03	2.58E-05	1.26E-02	0.018361	5.49E-03	3.28E-05	2.41E-02	2.96E-02
481	489513.71	3861050.05	0.34988	0.34129	0.40223	5.21E-03	2.41E-05	1.05E-02	0.015696	5.32E-03	2.37E-05	1.16E-02	0.016984	5.06E-03	3.01E-05	2.24E-02	2.74E-02
482	489563.71	3861050.05	0.34984	0.33858	0.39315	5.21E-03	2.39E-05	1.02E-02	0.015459	5.32E-03	2.35E-05	1.14E-02	0.016721	5.06E-03	2.99E-05	2.18E-02	2.69E-02
483	489613.71	3861050.05	0.34431	0.33669	0.3959	5.12E-03	2.38E-05	1.03E-02	0.015448	5.24E-03	2.34E-05	1.15E-02	0.016716	4.98E-03	2.97E-05	2.20E-02	2.70E-02
484	489663.71	3861050.05	0.34128	0.34098	0.4003	5.08E-03	2.41E-05	1.04E-02	0.015518	5.19E-03	2.37E-05	1.16E-02	0.016798	4.93E-03	3.01E-05	2.22E-02	2.72E-02
485	489713.71	3861050.05	0.34357	0.34141	0.39862	5.11E-03	2.41E-05	1.04E-02	0.015509	5.23E-03	2.37E-05	1.15E-02	0.016784	4.96E-03	3.01E-05	2.21E-02	2.71E-02
486	489763.71	3861050.05	0.34775	0.34588	0.41221	5.18E-03	2.44E-05	1.07E-02	0.015925	5.29E-03	2.40E-05	1.19E-02	0.017241	5.03E-03	3.05E-05	2.29E-02	2.80E-02
487	489813.71	3861050.05	0.35225	0.35142	0.41732	5.24E-03	2.48E-05	1.09E-02	0.016125	5.36E-03	2.44E-05	1.21E-02	0.017458	5.09E-03	3.10E-05	2.32E-02	2.83E-02
488	489863.71	3861050.05	0.35575	0.35488	0.41165	5.30E-03	2.51E-05	1.07E-02	0.01603	5.41E-03	2.47E-05	1.19E-02	0.017347	5.14E-03	3.13E-05	2.29E-02	2.80E-02
489	489913.71	3861050.05	0.3576	0.35673	0.41222	5.32E-03	2.52E-05	1.07E-02	0.016072	5.44E-03	2.48E-05	1.19E-02	0.017392	5.17E-03	3.15E-05	2.29E-02	2.81E-02
490	489963.71	3861050.05	0.36215	0.35829	0.41908	5.39E-03	2.53E-05	1.09E-02	0.016319	5.51E-03	2.49E-05	1.21E-02	0.01766	5.23E-03	3.16E-05	2.33E-02	2.86E-02
491	490013.71	3861050.05	0.36782	0.35844	0.42139	5.47E-03	2.53E-05	1.10E-02	0.016463	5.59E-03	2.49E-05	1.22E-02	0.017813	5.32E-03	3.16E-05	2.34E-02	2.88E-02
492	490063.71	3861050.05	0.37103	0.3587	0.42058	5.52E-03	2.53E-05	1.09E-02	0.01649	5.64E-03	2.49E-05	1.22E-02	0.017838	5.36E-03	3.16E-05	2.34E-02	2.88E-02
493	489513.71	3861100.05	0.34542	0.3382	0.39988	5.14E-03	2.39E-05	1.04E-02	0.015569	5.25E-03	2.35E-05	1.16E-02	0.016848	4.99E-03	2.98E-05	2.22E-02	2.72E-02
494	489563.71	3861100.05	0.34328	0.3335	0.39339	5.11E-03	2.35E-05	1.02E-02	0.015368	5.22E-03	2.32E-05	1.14E-02	0.016628	4.96E-03	2.94E-05	2.19E-02	2.68E-02
495	489613.71	3861100.05	0.34313	0.33392	0.38689	5.11E-03	2.36E-05	1.01E-02	0.015196	5.22E-03	2.32E-05	1.12E-02	0.016437	4.96E-03	2.95E-05	2.15E-02	2.65E-02
496	489663.71	3861100.05	0.33555	0.32976	0.38948	4.99E-03	2.33E-05	1.01E-02	0.015151	5.10E-03	2.29E-05	1.13E-02	0.016397	4.85E-03	2.91E-05	2.16E-02	2.65E-02
497	489713.71	3861100.05	0.33457	0.33517	0.39182	4.98E-03	2.37E-05	1.02E-02	0.015197	5.09E-03	2.33E-05	1.13E-02	0.01645	4.83E-03	2.96E-05	2.18E-02	2.66E-02
498	489763.71	3861100.05	0.33758	0.33651	0.38995	5.02E-03	2.38E-05	1.01E-02	0.015193	5.13E-03	2.34E-05	1.13E-02	0.016442	4.88E-03	2.97E-05	2.17E-02	2.66E-02
499	489813.71	3861100.05	0.34274	0.342	0.40728	5.10E-03	2.41E-05	1.06E-02	0.015722	5.21E-03	2.38E-05	1.18E-02	0.017022	4.95E-03	3.02E-05	2.26E-02	2.76E-02
500	489863.71	3861100.05	0.34757	0.34773	0.41116	5.17E-03	2.46E-05	1.07E-02	0.015895	5.29E-03	2.42E-05	1.19E-02	0.017208	5.02E-03	3.07E-05	2.28E-02	2.79E-02
501	489913.71	3861100.05	0.34965	0.34988	0.40466	5.20E-03	2.47E-05	1.05E-02	0.015757	5.32E-03	2.43E-05	1.17E-02	0.017052	5.05E-03	3.09E-05	2.25E-02	2.76E-02
502	489963.71	3861100.05	0.35201	0.35222	0.40584	5.24E-03	2.49E-05	1.06E-02	0.015823	5.35E-03	2.45E-05	1.17E-02	0.017122	5.09E-03	3.11E-05	2.26E-02	2.77E-02
503	490013.71	3861100.05	0.35616	0.35298	0.41291	5.30E-03	2.49E-05	1.07E-02	0.016069	5.42E-03	2.45E-05	1.19E-02	0.01739	5.15E-03	3.11E-05	2.29E-02	2.81E-02
504	490063.71	3861100.05	0.36122	0.35219	0.41323	5.38E-03	2.49E-05	1.08E-02	0.016152	5.49E-03	2.45E-05	1.20E-02	0.017476	5.22E-03	3.11E-05	2.30E-02	2.82E-02
505	489713.71	3861150.05	0.32913	0.32704	0.38412	4.90E-03	2.31E-05	9.99E-03	0.014915	5.01E-03	2.27E-05	1.11E-02	0.016144	4.76E-03	2.89E-05	2.13E-02	2.61E-02
506	489763.71	3861150.05	0.32902	0.33105	0.38418	4.90E-03	2.34E-05	9.99E-03	0.014916	5.00E-03	2.30E-05	1.11E-02	0.016144	4.75E-03	2.92E-05	2.13E-02	2.61E-02
507	489813.71	3861150.05	0.33237	0.33161	0.38378	4.95E-03	2.34E-05	9.98E-03	0.014955	5.05E-03	2.30E-05	1.11E-02	0.016184	4.80E-03	2.93E-05	2.13E-02	2.62E-02
508	489863.71	3861150.05	0.33775	0.3382	0.40149	5.03E-03	2.39E-05	1.04E-02	0.015496	5.14E-03	2.35E-05	1.16E-02	0.016778	4.88E-03	2.98E-05	2.23E-02	2.72E-02
509	489913.71	3861150.05	0.34173	0.34281	0.40447	5.09E-03	2.42E-05	1.05E-02	0.015633	5.20E-03	2.38E-05	1.17E-02	0.016925	4.94E-03	3.02E-05	2.25E-02	2.74E-02
510	489963.71	3861150.05	0.34331	0.34459	0.39784	5.11E-03	2.43E-05	1.04E-02	0.015485	5.22E-03	2.39E-05	1.15E-02	0.016758	4.96E-03	3.04E-05	2.21E-02	2.71E-02
511	490013.71	3861150.05	0.34594	0.34625	0.39882	5.15E-03	2.44E-05	1.04E-02	0.015549	5.26E-03	2.41E-05	1.15E-02	0.016826	5.00E-03	3.06E-05	2.22E-02	2.72E-02
512	490063.71	3861150.05	0.35047	0.34739	0.40742	5.22E-03	2.45E-05	1.06E-02	0.015841	5.33E-03	2.41E-05	1.18E-02	0.017144	5.06E-03	3.07E-05	2.26E-02	2.77E-02
513	489613.71	3861200.05	0.33093	0.323	0.38365	4.93E-03	2.28E-05	9.98E-03	0.01493	5.03E-03	2.24E-05	1.11E-02	0.016157	4.78E-03	2.85E-05	2.13E-02	2.61E-02

514	489663.71	3861200.05	0.32989	0.32052	0.37853	4.91E-03	2.26E-05	9.85E-03	0.014781	5.02E-03	2.23E-05	1.10E-02	0.015993	4.77E-03	2.83E-05	2.10E-02	2.58E-02
515	489713.71	3861200.05	0.33143	0.32366	0.37761	4.93E-03	2.29E-05	9.82E-03	0.01478	5.04E-03	2.25E-05	1.09E-02	0.01599	4.79E-03	2.86E-05	2.10E-02	2.58E-02
516	489763.71	3861200.05	0.32302	0.3248	0.37889	4.81E-03	2.29E-05	9.86E-03	0.014688	4.91E-03	2.26E-05	1.10E-02	0.015899	4.67E-03	2.87E-05	2.11E-02	2.57E-02
517	489813.71	3861200.05	0.32382	0.32792	0.37666	4.82E-03	2.32E-05	9.80E-03	0.014642	4.92E-03	2.28E-05	1.09E-02	0.015847	4.68E-03	2.89E-05	2.09E-02	2.56E-02
518	489863.71	3861200.05	0.32749	0.32785	0.37897	4.87E-03	2.31E-05	9.86E-03	0.014757	4.98E-03	2.28E-05	1.10E-02	0.01597	4.73E-03	2.89E-05	2.11E-02	2.58E-02
519	489913.71	3861200.05	0.33274	0.33442	0.39508	4.95E-03	2.36E-05	1.03E-02	0.015255	5.06E-03	2.32E-05	1.14E-02	0.016516	4.81E-03	2.95E-05	2.20E-02	2.68E-02
520	489963.71	3861200.05	0.33628	0.33791	0.39863	5.01E-03	2.39E-05	1.04E-02	0.0154	5.11E-03	2.35E-05	1.15E-02	0.016673	4.86E-03	2.98E-05	2.22E-02	2.70E-02
521	490013.71	3861200.05	0.33765	0.33991	0.39186	5.03E-03	2.40E-05	1.02E-02	0.015244	5.14E-03	2.36E-05	1.13E-02	0.016498	4.88E-03	3.00E-05	2.18E-02	2.67E-02
522	490063.71	3861200.05	0.34049	0.34174	0.39308	5.07E-03	2.41E-05	1.02E-02	0.015319	5.18E-03	2.38E-05	1.14E-02	0.016577	4.92E-03	3.02E-05	2.18E-02	2.68E-02
523	489513.71	3861250.05	0.32627	0.31428	0.3785	4.86E-03	2.22E-05	9.85E-03	0.014726	4.96E-03	2.18E-05	1.10E-02	0.015937	4.71E-03	2.77E-05	2.10E-02	2.58E-02
524	489563.71	3861250.05	0.32366	0.32118	0.37547	4.82E-03	2.27E-05	9.77E-03	0.014608	4.92E-03	2.23E-05	1.09E-02	0.01581	4.68E-03	2.83E-05	2.09E-02	2.56E-02
525	489613.71	3861250.05	0.32544	0.31934	0.37597	4.84E-03	2.25E-05	9.78E-03	0.014648	4.95E-03	2.22E-05	1.09E-02	0.015851	4.70E-03	2.82E-05	2.09E-02	2.56E-02
526	489663.71	3861250.05	0.32506	0.31752	0.37679	4.84E-03	2.24E-05	9.80E-03	0.014663	4.94E-03	2.21E-05	1.09E-02	0.015869	4.70E-03	2.80E-05	2.09E-02	2.57E-02
527	489713.71	3861250.05	0.3258	0.3175	0.37406	4.85E-03	2.24E-05	9.73E-03	0.014603	4.95E-03	2.21E-05	1.08E-02	0.015801	4.71E-03	2.80E-05	2.08E-02	2.55E-02
528	489763.71	3861250.05	0.32538	0.31734	0.37343	4.84E-03	2.24E-05	9.72E-03	0.014581	4.95E-03	2.21E-05	1.08E-02	0.015777	4.70E-03	2.80E-05	2.08E-02	2.55E-02
529	489813.71	3861250.05	0.3177	0.32178	0.37368	4.73E-03	2.27E-05	9.72E-03	0.014473	4.83E-03	2.24E-05	1.08E-02	0.015667	4.59E-03	2.84E-05	2.08E-02	2.54E-02
530	489863.71	3861250.05	0.31866	0.32325	0.36973	4.74E-03	2.28E-05	9.62E-03	0.014385	4.85E-03	2.25E-05	1.07E-02	0.015568	4.60E-03	2.85E-05	2.05E-02	2.52E-02
531	489913.71	3861250.05	0.32233	0.3243	0.37432	4.80E-03	2.29E-05	9.74E-03	0.014559	4.90E-03	2.25E-05	1.08E-02	0.015757	4.66E-03	2.86E-05	2.08E-02	2.55E-02
532	489963.71	3861250.05	0.32744	0.33068	0.38891	4.87E-03	2.33E-05	1.01E-02	0.015015	4.98E-03	2.30E-05	1.13E-02	0.016257	4.73E-03	2.92E-05	2.16E-02	2.64E-02
533	490013.71	3861250.05	0.33131	0.33329	0.39313	4.93E-03	2.35E-05	1.02E-02	0.015183	5.04E-03	2.32E-05	1.14E-02	0.016438	4.79E-03	2.94E-05	2.18E-02	2.67E-02
534	490063.71	3861250.05	0.33201	0.335	0.3856	4.94E-03	2.37E-05	1.00E-02	0.014997	5.05E-03	2.33E-05	1.12E-02	0.016231	4.80E-03	2.96E-05	2.14E-02	2.63E-02
535	489528.13	3861308.47	0.32388	0.30848	0.37146	4.82E-03	2.18E-05	9.66E-03	0.014507	4.93E-03	2.14E-05	1.07E-02	0.015696	4.68E-03	2.72E-05	2.06E-02	2.53E-02
536	489578.13	3861308.47	0.31983	0.3118	0.37114	4.76E-03	2.20E-05	9.66E-03	0.014438	4.86E-03	2.17E-05	1.07E-02	0.015626	4.62E-03	2.75E-05	2.06E-02	2.53E-02
537	489628.13	3861308.47	0.31719	0.3147	0.36776	4.72E-03	2.22E-05	9.57E-03	0.014311	4.82E-03	2.19E-05	1.06E-02	0.015488	4.58E-03	2.78E-05	2.04E-02	2.50E-02
538	489678.13	3861308.47	0.32024	0.31343	0.37171	4.77E-03	2.21E-05	9.67E-03	0.014459	4.87E-03	2.18E-05	1.08E-02	0.015649	4.63E-03	2.77E-05	2.07E-02	2.53E-02
539	489728.13	3861308.47	0.31798	0.31104	0.36882	4.73E-03	2.20E-05	9.60E-03	0.01435	4.84E-03	2.16E-05	1.07E-02	0.01553	4.59E-03	2.74E-05	2.05E-02	2.51E-02
540	489778.13	3861308.47	0.32269	0.3137	0.36839	4.80E-03	2.21E-05	9.58E-03	0.014409	4.91E-03	2.18E-05	1.07E-02	0.01559	4.66E-03	2.77E-05	2.05E-02	2.52E-02
541	489678.13	3861358.47	0.31242	0.30889	0.36189	4.65E-03	2.18E-05	9.41E-03	0.014087	4.75E-03	2.15E-05	1.05E-02	0.015245	4.51E-03	2.73E-05	2.01E-02	2.47E-02
542	489728.13	3861358.47	0.31563	0.30669	0.3664	4.70E-03	2.17E-05	9.53E-03	0.014252	4.80E-03	2.13E-05	1.06E-02	0.015424	4.56E-03	2.71E-05	2.04E-02	2.49E-02
543	489528.13	3861408.47	0.31324	0.29869	0.36096	4.66E-03	2.11E-05	9.39E-03	0.014074	4.76E-03	2.08E-05	1.04E-02	0.01523	4.53E-03	2.64E-05	2.01E-02	2.46E-02
544	489578.13	3861408.47	0.31546	0.30102	0.35988	4.70E-03	2.13E-05	9.36E-03	0.014079	4.80E-03	2.09E-05	1.04E-02	0.015233	4.56E-03	2.66E-05	2.00E-02	2.46E-02
545	489628.13	3861408.47	0.31199	0.30179	0.36077	4.64E-03	2.13E-05	9.39E-03	0.014051	4.74E-03	2.10E-05	1.04E-02	0.015206	4.51E-03	2.66E-05	2.00E-02	2.46E-02
546	489678.13	3861408.47	0.30842	0.30483	0.35944	4.59E-03	2.15E-05	9.35E-03	0.013963	4.69E-03	2.12E-05	1.04E-02	0.015113	4.46E-03	2.69E-05	2.00E-02	2.45E-02
547	489728.13	3861408.47	0.30753	0.30465	0.35578	4.58E-03	2.15E-05	9.26E-03	0.013855	4.68E-03	2.12E-05	1.03E-02	0.014994	4.44E-03	2.69E-05	1.98E-02	2.42E-02
548	489528.13	3861458.47	0.30632	0.29514	0.36036	4.56E-03	2.08E-05	9.38E-03	0.013955	4.66E-03	2.05E-05	1.04E-02	0.015107	4.43E-03	2.60E-05	2.00E-02	2.45E-02
549	489578.13	3861458.47	0.31029	0.29692	0.35581	4.62E-03	2.10E-05	9.26E-03	0.013896	4.72E-03	2.06E-05	1.03E-02	0.015036	4.48E-03	2.62E-05	1.98E-02	2.43E-02
550	489628.13	3861458.47	0.30995	0.29775	0.35501	4.61E-03	2.10E-05	9.24E-03	0.01387	4.71E-03	2.07E-05	1.03E-02	0.015008	4.48E-03	2.63E-05	1.97E-02	2.42E-02
551	489678.13	3861458.47	0.306	0.29855	0.35323	4.55E-03	2.11E-05	9.19E-03	0.013765	4.65E-03	2.08E-05	1.02E-02	0.014896	4.42E-03	2.63E-05	1.96E-02	2.41E-02
552	489728.13	3861458.47	0.3032	0.30042	0.35294	4.51E-03	2.12E-05	9.18E-03	0.013716	4.61E-03	2.09E-05	1.02E-02	0.014845	4.38E-03	2.65E-05	1.96E-02	2.40E-02
553	489528.13	3861508.47	0.30076	0.29404	0.35579	4.48E-03	2.08E-05	9.26E-03	0.013754	4.57E-03	2.04E-05	1.03E-02	0.01489	4.35E-03	2.59E-05	1.98E-02	2.41E-02
554	489578.13	3861508.47	0.30234	0.29199	0.35453	4.50E-03	2.06E-05	9.22E-03	0.013744	4.60E-03	2.03E-05	1.03E-02	0.014878	4.37E-03	2.58E-05	1.97E-02	2.41E-02
555	489628.13	3861508.47	0.30673	0.2943	0.34993	4.57E-03	2.08E-05	9.10E-03	0.01369	4.66E-03	2.05E-05	1.01E-02	0.014811	4.43E-03	2.60E-05	1.94E-02	2.39E-02
556	489678.13	3861508.47	0.30389	0.29375	0.35114	4.52E-03	2.07E-05	9.14E-03	0.013679	4.62E-03	2.04E-05	1.02E-02	0.014803	4.39E-03	2.59E-05	1.95E-02	2.39E-02
557	489728.13	3861508.47	0.29943	0.29469	0.34681	4.46E-03	2.08E-05	9.02E-03	0.0135	4.55E-03	2.05E-05	1.00E-02	0.01461	4.33E-03	2.60E-05	1.93E-02	2.36E-02
558	489628.13	3861558.47	0.29823	0.28995	0.34813	4.44E-03	2.05E-05	9.06E-03	0.013516	4.54E-03	2.02E-05	1.01E-02	0.01463	4.31E-03	2.56E-05	1.93E-02	2.37E-02
559	489678.13	3861558.47	0.30218	0.2912	0.34503	4.50E-03	2.06E-05	8.98E-03	0.013495	4.60E-03	2.02E-05	9.98E-03	0.0146	4.37E-03	2.57E-05	1.92E-02	2.36E-02
560	489728.13	3861558.47	0.29858	0.29198	0.34689	4.44E-03	2.06E-05	9.02E-03	0.01349	4.54E-03	2.03E-05	1.00E-02	0.014599	4.31E-03	2.58E-05	1.93E-02	2.36E-02

561	489357.08	3861015.81	0.35187	0.33966	0.41264	5.24E-03	2.40E-05	1.07E-02	0.015997	5.35E-03	2.36E-05	1.19E-02	0.017316	5.08E-03	3.00E-05	2.29E-02	2.80E-02
562	489407.08	3861015.81	0.35221	0.34514	0.40596	5.24E-03	2.44E-05	1.06E-02	0.015828	5.36E-03	2.40E-05	1.17E-02	0.017128	5.09E-03	3.05E-05	2.26E-02	2.77E-02
563	489457.08	3861015.81	0.35482	0.34458	0.40775	5.28E-03	2.43E-05	1.06E-02	0.015914	5.40E-03	2.39E-05	1.18E-02	0.01722	5.13E-03	3.04E-05	2.27E-02	2.78E-02
564	489357.08	3861065.81	0.35123	0.33357	0.40541	5.23E-03	2.36E-05	1.05E-02	0.015799	5.34E-03	2.32E-05	1.17E-02	0.017096	5.08E-03	2.94E-05	2.25E-02	2.76E-02
565	489407.08	3861065.81	0.34491	0.33589	0.40307	5.13E-03	2.37E-05	1.05E-02	0.015644	5.25E-03	2.33E-05	1.17E-02	0.016933	4.98E-03	2.96E-05	2.24E-02	2.74E-02
566	489457.08	3861065.81	0.34707	0.3411	0.399	5.17E-03	2.41E-05	1.04E-02	0.01557	5.28E-03	2.37E-05	1.15E-02	0.016848	5.02E-03	3.01E-05	2.22E-02	2.72E-02
567	489357.08	3861115.81	0.34935	0.32837	0.39864	5.20E-03	2.32E-05	1.04E-02	0.015594	5.31E-03	2.28E-05	1.15E-02	0.016872	5.05E-03	2.90E-05	2.22E-02	2.72E-02
568	489407.08	3861115.81	0.3438	0.32885	0.39814	5.12E-03	2.32E-05	1.04E-02	0.015499	5.23E-03	2.29E-05	1.15E-02	0.016773	4.97E-03	2.90E-05	2.21E-02	2.71E-02
569	489457.08	3861115.81	0.33955	0.33342	0.39478	5.05E-03	2.35E-05	1.03E-02	0.015348	5.16E-03	2.32E-05	1.14E-02	0.016611	4.91E-03	2.94E-05	2.19E-02	2.69E-02
570	489407.08	3861165.81	0.3433	0.32455	0.39284	5.11E-03	2.29E-05	1.02E-02	0.015353	5.22E-03	2.26E-05	1.14E-02	0.016611	4.96E-03	2.86E-05	2.18E-02	2.68E-02
571	489457.08	3861165.81	0.33753	0.3243	0.39236	5.02E-03	2.29E-05	1.02E-02	0.015255	5.13E-03	2.25E-05	1.14E-02	0.01651	4.88E-03	2.86E-05	2.18E-02	2.67E-02
572	489407.08	3861215.81	0.3364	0.31522	0.38461	5.01E-03	2.23E-05	1.00E-02	0.015035	5.12E-03	2.19E-05	1.11E-02	0.016268	4.86E-03	2.78E-05	2.14E-02	2.63E-02
573	489457.08	3861215.81	0.33496	0.31826	0.38417	4.99E-03	2.25E-05	9.99E-03	0.015003	5.09E-03	2.21E-05	1.11E-02	0.016233	4.84E-03	2.81E-05	2.13E-02	2.62E-02
574	489407.08	3861265.81	0.32653	0.31017	0.37577	4.86E-03	2.19E-05	9.78E-03	0.014658	4.97E-03	2.16E-05	1.09E-02	0.015861	4.72E-03	2.74E-05	2.09E-02	2.56E-02
575	489457.08	3861265.81	0.33131	0.31128	0.3766	4.93E-03	2.20E-05	9.80E-03	0.014751	5.04E-03	2.16E-05	1.09E-02	0.015958	4.79E-03	2.75E-05	2.09E-02	2.57E-02
576	489309.86	3861110.14	0.3473	0.32558	0.39591	5.17E-03	2.30E-05	1.03E-02	0.015492	5.28E-03	2.26E-05	1.15E-02	0.016761	5.02E-03	2.87E-05	2.20E-02	2.70E-02
577	489407.08	3861315.81	0.31851	0.30562	0.37312	4.74E-03	2.16E-05	9.71E-03	0.01447	4.84E-03	2.12E-05	1.08E-02	0.015662	4.60E-03	2.70E-05	2.07E-02	2.54E-02
578	489457.08	3861315.81	0.32278	0.30522	0.37137	4.80E-03	2.16E-05	9.66E-03	0.014488	4.91E-03	2.12E-05	1.07E-02	0.015677	4.66E-03	2.69E-05	2.06E-02	2.53E-02
579	488906.03	3861006.75	0.34298	0.34712	0.39924	5.11E-03	2.45E-05	1.04E-02	0.015516	5.22E-03	2.41E-05	1.16E-02	0.016793	4.96E-03	3.06E-05	2.22E-02	2.72E-02
580	488956.03	3861006.75	0.34578	0.34031	0.40392	5.15E-03	2.40E-05	1.05E-02	0.015679	5.26E-03	2.37E-05	1.17E-02	0.016971	5.00E-03	3.00E-05	2.24E-02	2.75E-02
581	488904.24	3861051.87	0.3417	0.35105	0.40096	5.09E-03	2.48E-05	1.04E-02	0.015542	5.20E-03	2.44E-05	1.16E-02	0.016824	4.94E-03	3.10E-05	2.23E-02	2.72E-02
582	488954.24	3861051.87	0.3413	0.34018	0.39898	5.08E-03	2.40E-05	1.04E-02	0.015484	5.19E-03	2.36E-05	1.15E-02	0.01676	4.93E-03	3.00E-05	2.22E-02	2.71E-02
583	489004.24	3861051.87	0.34567	0.33859	0.40297	5.15E-03	2.39E-05	1.05E-02	0.015653	5.26E-03	2.35E-05	1.17E-02	0.016942	4.99E-03	2.99E-05	2.24E-02	2.74E-02
584	488804.24	3861101.87	0.32432	0.32184	0.37907	4.83E-03	2.27E-05	9.86E-03	0.014712	4.93E-03	2.24E-05	1.10E-02	0.015924	4.69E-03	2.84E-05	2.11E-02	2.58E-02
585	488854.24	3861101.87	0.32955	0.331	0.38698	4.91E-03	2.34E-05	1.01E-02	0.014996	5.01E-03	2.30E-05	1.12E-02	0.016233	4.76E-03	2.92E-05	2.15E-02	2.63E-02
586	488904.24	3861101.87	0.32992	0.33204	0.38645	4.91E-03	2.34E-05	1.01E-02	0.014988	5.02E-03	2.31E-05	1.12E-02	0.016224	4.77E-03	2.93E-05	2.15E-02	2.63E-02
587	488954.24	3861101.87	0.33008	0.33775	0.38762	4.91E-03	2.38E-05	1.01E-02	0.015021	5.02E-03	2.35E-05	1.12E-02	0.01626	4.77E-03	2.98E-05	2.15E-02	2.63E-02
588	489004.24	3861101.87	0.3319	0.33048	0.38802	4.94E-03	2.33E-05	1.01E-02	0.015058	5.05E-03	2.30E-05	1.12E-02	0.016299	4.80E-03	2.92E-05	2.16E-02	2.64E-02
589	488804.24	3861151.87	0.3139	0.3112	0.36416	4.67E-03	2.20E-05	9.47E-03	0.014168	4.77E-03	2.16E-05	1.05E-02	0.015333	4.54E-03	2.75E-05	2.02E-02	2.48E-02
590	488854.24	3861151.87	0.31584	0.31114	0.36958	4.70E-03	2.20E-05	9.61E-03	0.014338	4.80E-03	2.16E-05	1.07E-02	0.01552	4.56E-03	2.75E-05	2.05E-02	2.51E-02
591	489129.49	3861187.55	0.32223	0.31916	0.37799	4.80E-03	2.25E-05	9.83E-03	0.014653	4.90E-03	2.22E-05	1.09E-02	0.015861	4.66E-03	2.82E-05	2.10E-02	2.57E-02
592	489179.49	3861187.55	0.32778	0.32218	0.38069	4.88E-03	2.27E-05	9.90E-03	0.014806	4.99E-03	2.24E-05	1.10E-02	0.016024	4.74E-03	2.84E-05	2.12E-02	2.59E-02
593	488804.24	3861201.87	0.30809	0.30176	0.3572	4.59E-03	2.13E-05	9.29E-03	0.0139	4.69E-03	2.10E-05	1.03E-02	0.015043	4.45E-03	2.66E-05	1.98E-02	2.43E-02
594	488854.24	3861201.87	0.30906	0.30486	0.35983	4.60E-03	2.15E-05	9.36E-03	0.013983	4.70E-03	2.12E-05	1.04E-02	0.015134	4.47E-03	2.69E-05	2.00E-02	2.45E-02
595	489129.49	3861237.55	0.3155	0.3152	0.37257	4.70E-03	2.23E-05	9.69E-03	0.014411	4.80E-03	2.19E-05	1.08E-02	0.015601	4.56E-03	2.78E-05	2.07E-02	2.53E-02
596	489179.49	3861237.55	0.31698	0.31674	0.37259	4.72E-03	2.24E-05	9.69E-03	0.014434	4.82E-03	2.20E-05	1.08E-02	0.015625	4.58E-03	2.79E-05	2.07E-02	2.53E-02
597	488804.24	3861251.87	0.30407	0.2979	0.35002	4.53E-03	2.10E-05	9.11E-03	0.013653	4.62E-03	2.07E-05	1.01E-02	0.014774	4.39E-03	2.63E-05	1.94E-02	2.39E-02
598	488854.24	3861251.87	0.30364	0.29835	0.35328	4.52E-03	2.11E-05	9.19E-03	0.013732	4.62E-03	2.07E-05	1.02E-02	0.014862	4.39E-03	2.63E-05	1.96E-02	2.40E-02
599	488804.24	3861301.87	0.29847	0.29368	0.34327	4.44E-03	2.07E-05	8.93E-03	0.013394	4.54E-03	2.04E-05	9.93E-03	0.014493	4.31E-03	2.59E-05	1.91E-02	2.34E-02
600	488854.24	3861301.87	0.29845	0.29024	0.3464	4.44E-03	2.05E-05	9.01E-03	0.013475	4.54E-03	2.02E-05	1.00E-02	0.014583	4.31E-03	2.56E-05	1.92E-02	2.36E-02
601	490943.5	3860181.97	0.46102	0.42665	0.51302	6.86E-03	3.01E-05	1.33E-02	0.020239	7.01E-03	2.97E-05	1.48E-02	0.021887	6.66E-03	3.76E-05	2.85E-02	3.52E-02
602	490993.5	3860181.97	0.44853	0.41753	0.50452	6.68E-03	2.95E-05	1.31E-02	0.019831	6.82E-03	2.90E-05	1.46E-02	0.02145	6.48E-03	3.68E-05	2.80E-02	3.46E-02
603	491043.5	3860181.97	0.43664	0.41052	0.50566	6.50E-03	2.90E-05	1.32E-02	0.019683	6.64E-03	2.85E-05	1.46E-02	0.021302	6.31E-03	3.62E-05	2.81E-02	3.44E-02
604	491093.5	3860181.97	0.43436	0.41223	0.50867	6.47E-03	2.91E-05	1.32E-02	0.019728	6.61E-03	2.87E-05	1.47E-02	0.021354	6.28E-03	3.64E-05	2.83E-02	3.46E-02
605	490943.5	3860231.97	0.43716	0.41653	0.50502	6.51E-03	2.94E-05	1.31E-02	0.019675	6.65E-03	2.89E-05	1.46E-02	0.021292	6.32E-03	3.68E-05	2.81E-02	3.44E-02
606	490993.5	3860231.97	0.44689	0.41894	0.50704	6.65E-03	2.96E-05	1.32E-02	0.019873	6.80E-03	2.91E-05	1.47E-02	0.021498	6.46E-03	3.70E-05	2.82E-02	3.47E-02
607	491043.5	3860231.97	0.44323	0.414	0.49261	6.60E-03	2.92E-05	1.28E-02	0.019442	6.74E-03	2.88E-05	1.43E-02	0.021025	6.40E-03	3.65E-05	2.74E-02	3.38E-02

608	491093.5	3860231.97	0.43002	0.40247	0.49363	6.40E-03	2.84E-05	1.28E-02	0.019271	6.54E-03	2.80E-05	1.43E-02	0.020852	6.21E-03	3.55E-05	2.74E-02	3.37E-02
609	490943.5	3860281.97	0.43043	0.40339	0.48127	6.41E-03	2.85E-05	1.25E-02	0.018956	6.55E-03	2.80E-05	1.39E-02	0.020501	6.22E-03	3.56E-05	2.67E-02	3.30E-02
610	490993.5	3860281.97	0.42686	0.41136	0.48929	6.35E-03	2.90E-05	1.27E-02	0.019112	6.49E-03	2.86E-05	1.42E-02	0.020679	6.17E-03	3.63E-05	2.72E-02	3.34E-02
611	491043.5	3860281.97	0.42768	0.40867	0.49642	6.37E-03	2.89E-05	1.29E-02	0.01931	6.50E-03	2.84E-05	1.44E-02	0.020898	6.18E-03	3.61E-05	2.76E-02	3.38E-02
612	491093.5	3860281.97	0.43612	0.40954	0.48742	6.49E-03	2.89E-05	1.27E-02	0.019201	6.63E-03	2.85E-05	1.41E-02	0.020766	6.30E-03	3.61E-05	2.71E-02	3.34E-02
613	490943.5	3860331.97	0.4308	0.39302	0.48732	6.41E-03	2.78E-05	1.27E-02	0.019118	6.55E-03	2.73E-05	1.41E-02	0.020681	6.23E-03	3.47E-05	2.71E-02	3.33E-02
614	490993.5	3860331.97	0.42137	0.39151	0.47214	6.27E-03	2.76E-05	1.23E-02	0.018583	6.41E-03	2.72E-05	1.37E-02	0.020098	6.09E-03	3.45E-05	2.62E-02	3.24E-02
615	491043.5	3860331.97	0.41598	0.39872	0.47142	6.19E-03	2.82E-05	1.23E-02	0.018484	6.33E-03	2.77E-05	1.36E-02	0.019996	6.01E-03	3.52E-05	2.62E-02	3.22E-02
616	491093.5	3860331.97	0.41217	0.39863	0.47937	6.14E-03	2.81E-05	1.25E-02	0.018634	6.27E-03	2.77E-05	1.39E-02	0.020168	5.96E-03	3.52E-05	2.66E-02	3.26E-02
617	490086.72	3859935.12	0.55995	0.50264	0.61297	8.33E-03	3.55E-05	1.59E-02	0.024317	8.52E-03	3.49E-05	1.77E-02	0.026289	8.09E-03	4.43E-05	3.41E-02	4.22E-02
618	490136.72	3859935.12	0.55741	0.51107	0.59247	8.30E-03	3.61E-05	1.54E-02	0.023747	8.48E-03	3.55E-05	1.71E-02	0.025658	8.05E-03	4.51E-05	3.29E-02	4.10E-02
619	490186.72	3859935.12	0.54687	0.4927	0.60497	8.14E-03	3.48E-05	1.57E-02	0.023914	8.32E-03	3.42E-05	1.75E-02	0.025858	7.90E-03	4.35E-05	3.36E-02	4.16E-02
620	490236.72	3859935.12	0.55458	0.4801	0.61324	8.25E-03	3.39E-05	1.60E-02	0.024243	8.43E-03	3.34E-05	1.77E-02	0.026213	8.01E-03	4.24E-05	3.41E-02	4.21E-02
621	490286.72	3859935.12	0.55984	0.4812	0.60443	8.33E-03	3.40E-05	1.57E-02	0.024092	8.51E-03	3.34E-05	1.75E-02	0.026039	8.09E-03	4.25E-05	3.36E-02	4.17E-02
622	490336.72	3859935.12	0.54854	0.47436	0.59851	8.16E-03	3.35E-05	1.56E-02	0.023769	8.34E-03	3.30E-05	1.73E-02	0.025695	7.93E-03	4.19E-05	3.33E-02	4.12E-02
623	490386.72	3859935.12	0.53829	0.47409	0.58398	8.01E-03	3.35E-05	1.52E-02	0.023239	8.19E-03	3.30E-05	1.69E-02	0.025119	7.78E-03	4.18E-05	3.24E-02	4.03E-02
624	490436.72	3859935.12	0.52857	0.46922	0.5827	7.87E-03	3.31E-05	1.52E-02	0.02306	8.04E-03	3.26E-05	1.69E-02	0.024933	7.64E-03	4.14E-05	3.24E-02	4.01E-02
625	490486.72	3859935.12	0.53371	0.48182	0.59399	7.94E-03	3.40E-05	1.55E-02	0.023431	8.12E-03	3.35E-05	1.72E-02	0.025339	7.71E-03	4.25E-05	3.30E-02	4.08E-02
626	490536.72	3859935.12	0.54233	0.48223	0.59877	8.07E-03	3.40E-05	1.56E-02	0.023684	8.25E-03	3.35E-05	1.73E-02	0.025608	7.84E-03	4.25E-05	3.33E-02	4.12E-02
627	490586.72	3859935.12	0.52753	0.4814	0.59274	7.85E-03	3.40E-05	1.54E-02	0.023307	8.02E-03	3.35E-05	1.72E-02	0.025209	7.62E-03	4.25E-05	3.29E-02	4.06E-02
628	490636.72	3859935.12	0.51403	0.46641	0.58828	7.65E-03	3.29E-05	1.53E-02	0.022989	7.82E-03	3.24E-05	1.70E-02	0.024873	7.43E-03	4.12E-05	3.27E-02	4.02E-02
629	490686.72	3859935.12	0.51092	0.46767	0.59834	7.60E-03	3.30E-05	1.56E-02	0.023204	7.77E-03	3.25E-05	1.73E-02	0.025117	7.38E-03	4.13E-05	3.32E-02	4.07E-02
630	490736.72	3859935.12	0.50748	0.47592	0.5893	7.55E-03	3.36E-05	1.53E-02	0.022919	7.72E-03	3.31E-05	1.71E-02	0.024804	7.33E-03	4.20E-05	3.27E-02	4.01E-02
631	490086.72	3859985.12	0.54229	0.48803	0.61188	8.07E-03	3.45E-05	1.59E-02	0.024025	8.25E-03	3.39E-05	1.77E-02	0.025988	7.84E-03	4.31E-05	3.40E-02	4.19E-02
632	490136.72	3859985.12	0.53673	0.4865	0.59589	7.99E-03	3.44E-05	1.55E-02	0.023526	8.16E-03	3.38E-05	1.72E-02	0.02544	7.76E-03	4.29E-05	3.31E-02	4.09E-02
633	490186.72	3859985.12	0.54305	0.49782	0.58633	8.08E-03	3.52E-05	1.53E-02	0.023372	8.26E-03	3.46E-05	1.70E-02	0.025261	7.85E-03	4.39E-05	3.26E-02	4.05E-02
634	490236.72	3859985.12	0.52966	0.49192	0.57984	7.88E-03	3.47E-05	1.51E-02	0.023004	8.06E-03	3.42E-05	1.68E-02	0.024869	7.65E-03	4.34E-05	3.22E-02	3.99E-02
635	490286.72	3859985.12	0.53674	0.46902	0.59476	7.99E-03	3.31E-05	1.55E-02	0.023496	8.16E-03	3.26E-05	1.72E-02	0.025407	7.76E-03	4.14E-05	3.30E-02	4.08E-02
636	490336.72	3859985.12	0.54092	0.46684	0.59353	8.05E-03	3.30E-05	1.54E-02	0.023526	8.23E-03	3.24E-05	1.72E-02	0.025434	7.82E-03	4.12E-05	3.30E-02	4.08E-02
637	490386.72	3859985.12	0.5354	0.46267	0.58413	7.97E-03	3.27E-05	1.52E-02	0.023199	8.14E-03	3.22E-05	1.69E-02	0.025078	7.74E-03	4.08E-05	3.25E-02	4.02E-02
638	490436.72	3859985.12	0.52781	0.46508	0.57671	7.86E-03	3.28E-05	1.50E-02	0.022893	8.03E-03	3.23E-05	1.67E-02	0.024748	7.63E-03	4.10E-05	3.20E-02	3.97E-02
639	490486.72	3859985.12	0.51433	0.45773	0.56036	7.66E-03	3.23E-05	1.46E-02	0.022266	7.82E-03	3.18E-05	1.62E-02	0.024069	7.43E-03	4.04E-05	3.11E-02	3.86E-02
640	490536.72	3859985.12	0.51094	0.46385	0.57268	7.61E-03	3.28E-05	1.49E-02	0.022537	7.77E-03	3.22E-05	1.66E-02	0.024375	7.38E-03	4.09E-05	3.18E-02	3.92E-02
641	490586.72	3859985.12	0.52299	0.47161	0.58405	7.78E-03	3.33E-05	1.52E-02	0.023012	7.95E-03	3.28E-05	1.69E-02	0.024888	7.56E-03	4.16E-05	3.25E-02	4.01E-02
642	490636.72	3859985.12	0.52331	0.47218	0.57992	7.79E-03	3.33E-05	1.51E-02	0.02291	7.96E-03	3.28E-05	1.68E-02	0.024773	7.56E-03	4.17E-05	3.22E-02	3.98E-02
643	490686.72	3859985.12	0.50669	0.46562	0.57322	7.54E-03	3.29E-05	1.49E-02	0.022488	7.71E-03	3.24E-05	1.66E-02	0.024326	7.32E-03	4.11E-05	3.19E-02	3.92E-02
644	490736.72	3859985.12	0.49708	0.45559	0.57707	7.40E-03	3.22E-05	1.50E-02	0.022444	7.56E-03	3.17E-05	1.67E-02	0.024291	7.18E-03	4.02E-05	3.21E-02	3.93E-02
645	490786.72	3859985.12	0.49508	0.46004	0.57884	7.37E-03	3.25E-05	1.51E-02	0.022461	7.53E-03	3.20E-05	1.68E-02	0.024312	7.15E-03	4.06E-05	3.22E-02	3.94E-02
646	490086.72	3860035.12	0.53445	0.48095	0.59926	7.96E-03	3.40E-05	1.56E-02	0.023579	8.13E-03	3.34E-05	1.73E-02	0.025503	7.72E-03	4.24E-05	3.33E-02	4.11E-02
647	490136.72	3860035.12	0.53121	0.4789	0.5967	7.91E-03	3.38E-05	1.55E-02	0.023464	8.08E-03	3.33E-05	1.73E-02	0.025379	7.68E-03	4.23E-05	3.32E-02	4.09E-02
648	490186.72	3860035.12	0.51868	0.47354	0.57798	7.72E-03	3.34E-05	1.50E-02	0.022791	7.89E-03	3.29E-05	1.67E-02	0.024647	7.50E-03	4.18E-05	3.21E-02	3.97E-02
649	490236.72	3860035.12	0.52925	0.48375	0.57637	7.88E-03	3.42E-05	1.50E-02	0.022907	8.05E-03	3.36E-05	1.67E-02	0.024761	7.65E-03	4.27E-05	3.20E-02	3.97E-02
650	490286.72	3860035.12	0.52037	0.48658	0.55884	7.75E-03	3.44E-05	1.45E-02	0.022319	7.91E-03	3.38E-05	1.62E-02	0.024119	7.52E-03	4.29E-05	3.11E-02	3.86E-02
651	490336.72	3860035.12	0.51342	0.4636	0.57211	7.64E-03	3.27E-05	1.49E-02	0.022559	7.81E-03	3.22E-05	1.66E-02	0.024396	7.42E-03	4.09E-05	3.18E-02	3.92E-02
652	490386.72	3860035.12	0.52104	0.45432	0.57454	7.76E-03	3.21E-05	1.49E-02	0.022735	7.92E-03	3.16E-05	1.66E-02	0.024582	7.53E-03	4.01E-05	3.19E-02	3.95E-02
653	490436.72	3860035.12	0.52446	0.45628	0.57	7.81E-03	3.22E-05	1.48E-02	0.022668	7.98E-03	3.17E-05	1.65E-02	0.024502	7.58E-03	4.03E-05	3.17E-02	3.93E-02
654	490486.72	3860035.12	0.51367	0.45385	0.56728	7.65E-03	3.20E-05	1.48E-02	0.022436	7.81E-03	3.15E-05	1.64E-02	0.024259	7.42E-03	4.00E-05	3.15E-02	3.90E-02

655	490536.72	3860035.12	0.50342	0.44952	0.55309	7.49E-03	3.17E-05	1.44E-02	0.021914	7.66E-03	3.12E-05	1.60E-02	0.023693	7.27E-03	3.97E-05	3.07E-02	3.80E-02
656	490586.72	3860035.12	0.49442	0.4498	0.55136	7.36E-03	3.18E-05	1.43E-02	0.021735	7.52E-03	3.13E-05	1.60E-02	0.023506	7.14E-03	3.97E-05	3.06E-02	3.78E-02
657	490636.72	3860035.12	0.497	0.45977	0.56174	7.40E-03	3.25E-05	1.46E-02	0.022044	7.56E-03	3.20E-05	1.63E-02	0.023846	7.18E-03	4.06E-05	3.12E-02	3.84E-02
658	490686.72	3860035.12	0.50848	0.46027	0.56951	7.57E-03	3.25E-05	1.48E-02	0.022417	7.73E-03	3.20E-05	1.65E-02	0.024245	7.35E-03	4.06E-05	3.16E-02	3.90E-02
659	490736.72	3860035.12	0.50167	0.4598	0.56106	7.47E-03	3.25E-05	1.46E-02	0.022096	7.63E-03	3.20E-05	1.62E-02	0.023897	7.25E-03	4.06E-05	3.12E-02	3.85E-02
660	490786.72	3860035.12	0.48641	0.44716	0.55451	7.24E-03	3.16E-05	1.44E-02	0.021698	7.40E-03	3.11E-05	1.60E-02	0.023475	7.03E-03	3.95E-05	3.08E-02	3.79E-02
661	490836.72	3860035.12	0.4795	0.44519	0.56286	7.14E-03	3.14E-05	1.46E-02	0.021812	7.29E-03	3.09E-05	1.63E-02	0.023611	6.93E-03	3.93E-05	3.13E-02	3.82E-02
662	490086.72	3860085.12	0.52743	0.49243	0.58375	7.85E-03	3.48E-05	1.52E-02	0.023072	8.02E-03	3.42E-05	1.69E-02	0.024948	7.62E-03	4.34E-05	3.24E-02	4.01E-02
663	490136.72	3860085.12	0.52338	0.47082	0.58159	7.79E-03	3.32E-05	1.51E-02	0.022954	7.96E-03	3.27E-05	1.68E-02	0.024822	7.56E-03	4.15E-05	3.23E-02	3.99E-02
664	490186.72	3860085.12	0.51675	0.46965	0.58512	7.69E-03	3.32E-05	1.52E-02	0.022947	7.86E-03	3.26E-05	1.69E-02	0.024824	7.47E-03	4.14E-05	3.25E-02	4.00E-02
665	490236.72	3860085.12	0.50806	0.46498	0.56609	7.56E-03	3.28E-05	1.47E-02	0.022323	7.73E-03	3.23E-05	1.64E-02	0.02414	7.34E-03	4.10E-05	3.15E-02	3.88E-02
666	490286.72	3860085.12	0.5113	0.46823	0.56387	7.61E-03	3.31E-05	1.47E-02	0.022313	7.78E-03	3.25E-05	1.63E-02	0.024126	7.39E-03	4.13E-05	3.13E-02	3.88E-02
667	490336.72	3860085.12	0.5096	0.47084	0.5484	7.59E-03	3.32E-05	1.43E-02	0.021886	7.75E-03	3.27E-05	1.59E-02	0.023652	7.36E-03	4.15E-05	3.05E-02	3.79E-02
668	490386.72	3860085.12	0.49683	0.46011	0.54725	7.40E-03	3.25E-05	1.42E-02	0.021665	7.56E-03	3.20E-05	1.58E-02	0.023424	7.18E-03	4.06E-05	3.04E-02	3.76E-02
669	490436.72	3860085.12	0.50458	0.44594	0.55686	7.51E-03	3.15E-05	1.45E-02	0.022029	7.67E-03	3.10E-05	1.61E-02	0.023819	7.29E-03	3.93E-05	3.09E-02	3.83E-02
670	490486.72	3860085.12	0.50663	0.4475	0.55732	7.54E-03	3.16E-05	1.45E-02	0.022072	7.71E-03	3.11E-05	1.61E-02	0.023864	7.32E-03	3.95E-05	3.10E-02	3.83E-02
671	490536.72	3860085.12	0.50223	0.44208	0.55496	7.48E-03	3.12E-05	1.44E-02	0.021945	7.64E-03	3.07E-05	1.61E-02	0.023728	7.26E-03	3.90E-05	3.08E-02	3.81E-02
672	490586.72	3860085.12	0.49524	0.44343	0.54747	7.37E-03	3.13E-05	1.42E-02	0.021646	7.53E-03	3.08E-05	1.58E-02	0.023405	7.16E-03	3.91E-05	3.04E-02	3.76E-02
673	490636.72	3860085.12	0.48263	0.43597	0.53244	7.18E-03	3.08E-05	1.39E-02	0.021067	7.34E-03	3.03E-05	1.54E-02	0.022778	6.97E-03	3.85E-05	2.96E-02	3.66E-02
674	490686.72	3860085.12	0.47964	0.44425	0.5419	7.14E-03	3.14E-05	1.41E-02	0.021269	7.29E-03	3.09E-05	1.57E-02	0.023007	6.93E-03	3.92E-05	3.01E-02	3.71E-02
675	490736.72	3860085.12	0.48707	0.4486	0.55287	7.25E-03	3.17E-05	1.44E-02	0.021665	7.41E-03	3.12E-05	1.60E-02	0.023437	7.04E-03	3.96E-05	3.07E-02	3.78E-02
676	490786.72	3860085.12	0.49331	0.45043	0.54989	7.34E-03	3.18E-05	1.43E-02	0.021681	7.50E-03	3.13E-05	1.59E-02	0.023446	7.13E-03	3.97E-05	3.06E-02	3.77E-02
677	490836.72	3860085.12	0.47903	0.44233	0.53883	7.13E-03	3.12E-05	1.40E-02	0.02118	7.29E-03	3.07E-05	1.56E-02	0.022909	6.92E-03	3.90E-05	2.99E-02	3.69E-02
678	490086.72	3860135.12	0.50514	0.47605	0.57215	7.52E-03	3.36E-05	1.49E-02	0.022438	7.68E-03	3.31E-05	1.66E-02	0.024272	7.30E-03	4.20E-05	3.18E-02	3.91E-02
679	490136.72	3860135.12	0.51154	0.47837	0.56542	7.61E-03	3.38E-05	1.47E-02	0.022358	7.78E-03	3.32E-05	1.64E-02	0.024175	7.39E-03	4.22E-05	3.14E-02	3.89E-02
680	490186.72	3860135.12	0.51317	0.46214	0.56151	7.64E-03	3.26E-05	1.46E-02	0.022279	7.80E-03	3.21E-05	1.62E-02	0.024085	7.42E-03	4.08E-05	3.12E-02	3.87E-02
681	490236.72	3860135.12	0.50263	0.45621	0.57128	7.48E-03	3.22E-05	1.49E-02	0.022376	7.64E-03	3.17E-05	1.65E-02	0.024207	7.26E-03	4.03E-05	3.17E-02	3.90E-02
682	490286.72	3860135.12	0.49796	0.45518	0.56062	7.41E-03	3.21E-05	1.46E-02	0.022029	7.57E-03	3.16E-05	1.62E-02	0.023828	7.20E-03	4.02E-05	3.12E-02	3.84E-02
683	490336.72	3860135.12	0.49102	0.45355	0.54807	7.31E-03	3.20E-05	1.43E-02	0.021599	7.47E-03	3.15E-05	1.59E-02	0.023359	7.10E-03	4.00E-05	3.05E-02	3.76E-02
684	490386.72	3860135.12	0.49865	0.45724	0.54034	7.42E-03	3.23E-05	1.41E-02	0.021512	7.58E-03	3.18E-05	1.56E-02	0.023252	7.21E-03	4.03E-05	3.00E-02	3.73E-02
685	490436.72	3860135.12	0.48608	0.45742	0.53144	7.24E-03	3.23E-05	1.38E-02	0.021093	7.39E-03	3.18E-05	1.54E-02	0.022803	7.02E-03	4.04E-05	2.95E-02	3.66E-02
686	490486.72	3860135.12	0.48522	0.43534	0.53886	7.22E-03	3.07E-05	1.40E-02	0.021272	7.38E-03	3.03E-05	1.56E-02	0.023003	7.01E-03	3.84E-05	2.99E-02	3.70E-02
687	490536.72	3860135.12	0.49132	0.43281	0.53931	7.31E-03	3.06E-05	1.40E-02	0.021374	7.47E-03	3.01E-05	1.56E-02	0.023109	7.10E-03	3.82E-05	3.00E-02	3.71E-02
688	490586.72	3860135.12	0.49307	0.43277	0.54176	7.34E-03	3.06E-05	1.41E-02	0.021464	7.50E-03	3.01E-05	1.57E-02	0.023206	7.12E-03	3.82E-05	3.01E-02	3.73E-02
689	490636.72	3860135.12	0.48241	0.43435	0.53956	7.18E-03	3.07E-05	1.40E-02	0.021248	7.34E-03	3.02E-05	1.56E-02	0.02298	6.97E-03	3.83E-05	3.00E-02	3.70E-02
690	490686.72	3860135.12	0.47334	0.42622	0.52472	7.05E-03	3.01E-05	1.37E-02	0.020727	7.20E-03	2.96E-05	1.52E-02	0.022413	6.84E-03	3.76E-05	2.92E-02	3.60E-02
691	490736.72	3860135.12	0.46449	0.43108	0.52139	6.91E-03	3.04E-05	1.36E-02	0.020509	7.06E-03	3.00E-05	1.51E-02	0.022182	6.71E-03	3.80E-05	2.90E-02	3.57E-02
692	490786.72	3860135.12	0.46661	0.43929	0.53301	6.95E-03	3.10E-05	1.39E-02	0.020843	7.10E-03	3.05E-05	1.54E-02	0.022551	6.74E-03	3.88E-05	2.96E-02	3.64E-02
693	490836.72	3860135.12	0.47658	0.43906	0.53723	7.09E-03	3.10E-05	1.40E-02	0.021101	7.25E-03	3.05E-05	1.55E-02	0.022825	6.89E-03	3.87E-05	2.99E-02	3.68E-02
694	490086.72	3860185.12	0.49968	0.4741	0.56481	7.44E-03	3.35E-05	1.47E-02	0.022165	7.60E-03	3.30E-05	1.63E-02	0.023977	7.22E-03	4.18E-05	3.14E-02	3.86E-02
695	490136.72	3860185.12	0.48915	0.46728	0.55658	7.28E-03	3.30E-05	1.45E-02	0.021794	7.44E-03	3.25E-05	1.61E-02	0.023578	7.07E-03	4.12E-05	3.09E-02	3.80E-02
696	490186.72	3860185.12	0.49575	0.46619	0.55079	7.38E-03	3.29E-05	1.43E-02	0.021741	7.54E-03	3.24E-05	1.59E-02	0.023511	7.16E-03	4.11E-05	3.06E-02	3.78E-02
697	490236.72	3860185.12	0.49999	0.45665	0.54171	7.44E-03	3.22E-05	1.41E-02	0.021568	7.60E-03	3.17E-05	1.57E-02	0.023312	7.22E-03	4.03E-05	3.01E-02	3.74E-02
698	490286.72	3860185.12	0.49249	0.44678	0.55676	7.33E-03	3.15E-05	1.45E-02	0.021847	7.49E-03	3.11E-05	1.61E-02	0.023632	7.12E-03	3.94E-05	3.09E-02	3.81E-02
699	490336.72	3860185.12	0.48768	0.44507	0.55284	7.26E-03	3.14E-05	1.44E-02	0.021673	7.42E-03	3.09E-05	1.60E-02	0.023446	7.05E-03	3.93E-05	3.07E-02	3.78E-02
700	490386.72	3860185.12	0.4757	0.44052	0.53124	7.08E-03	3.11E-05	1.38E-02	0.020932	7.23E-03	3.06E-05	1.54E-02	0.022638	6.87E-03	3.89E-05	2.95E-02	3.64E-02
701	490436.72	3860185.12	0.48573	0.44745	0.52988	7.23E-03	3.16E-05	1.38E-02	0.021047	7.39E-03	3.11E-05	1.53E-02	0.022752	7.02E-03	3.95E-05	2.94E-02	3.65E-02

702	490486.72	3860185.12	0.47844	0.44925	0.51564	7.12E-03	3.17E-05	1.34E-02	0.020568	7.28E-03	3.12E-05	1.49E-02	0.022229	6.91E-03	3.96E-05	2.87E-02	3.56E-02
703	490536.72	3860185.12	0.46919	0.43229	0.52002	6.98E-03	3.05E-05	1.35E-02	0.020543	7.14E-03	3.00E-05	1.50E-02	0.022214	6.78E-03	3.81E-05	2.89E-02	3.57E-02
704	490586.72	3860185.12	0.47608	0.42263	0.52409	7.09E-03	2.98E-05	1.36E-02	0.020751	7.24E-03	2.94E-05	1.52E-02	0.022436	6.88E-03	3.73E-05	2.91E-02	3.60E-02
705	490636.72	3860185.12	0.47832	0.42861	0.52799	7.12E-03	3.03E-05	1.37E-02	0.020886	7.27E-03	2.98E-05	1.53E-02	0.022583	6.91E-03	3.78E-05	2.93E-02	3.63E-02
706	490686.72	3860185.12	0.47237	0.42388	0.5284	7.03E-03	2.99E-05	1.37E-02	0.020808	7.18E-03	2.95E-05	1.53E-02	0.022504	6.83E-03	3.74E-05	2.94E-02	3.62E-02
707	490736.72	3860185.12	0.46629	0.42067	0.51953	6.94E-03	2.97E-05	1.35E-02	0.020486	7.09E-03	2.92E-05	1.50E-02	0.022155	6.74E-03	3.71E-05	2.89E-02	3.56E-02
708	490786.72	3860185.12	0.45537	0.41805	0.50653	6.78E-03	2.95E-05	1.32E-02	0.019985	6.93E-03	2.91E-05	1.47E-02	0.021612	6.58E-03	3.69E-05	2.81E-02	3.48E-02
709	490836.72	3860185.12	0.45195	0.4259	0.51275	6.73E-03	3.01E-05	1.33E-02	0.020097	6.87E-03	2.96E-05	1.48E-02	0.021741	6.53E-03	3.76E-05	2.85E-02	3.51E-02
710	490086.72	3860235.12	0.50997	0.47121	0.55612	7.59E-03	3.33E-05	1.45E-02	0.022092	7.76E-03	3.28E-05	1.61E-02	0.023881	7.37E-03	4.16E-05	3.09E-02	3.83E-02
711	490136.72	3860235.12	0.49299	0.46488	0.55643	7.34E-03	3.28E-05	1.45E-02	0.021847	7.50E-03	3.23E-05	1.61E-02	0.023632	7.12E-03	4.10E-05	3.09E-02	3.81E-02
712	490186.72	3860235.12	0.4754	0.46168	0.54635	7.08E-03	3.26E-05	1.42E-02	0.021323	7.23E-03	3.21E-05	1.58E-02	0.023072	6.87E-03	4.07E-05	3.04E-02	3.73E-02
713	490236.72	3860235.12	0.48089	0.4545	0.53673	7.16E-03	3.21E-05	1.40E-02	0.021154	7.31E-03	3.16E-05	1.55E-02	0.022877	6.95E-03	4.01E-05	2.98E-02	3.68E-02
714	490286.72	3860235.12	0.48656	0.45204	0.52822	7.24E-03	3.19E-05	1.37E-02	0.021016	7.40E-03	3.14E-05	1.53E-02	0.022717	7.03E-03	3.99E-05	2.94E-02	3.64E-02
715	490336.72	3860235.12	0.48208	0.43762	0.53695	7.18E-03	3.09E-05	1.40E-02	0.021176	7.33E-03	3.04E-05	1.55E-02	0.0229	6.97E-03	3.86E-05	2.98E-02	3.68E-02
716	490386.72	3860235.12	0.47154	0.43698	0.5409	7.02E-03	3.09E-05	1.41E-02	0.021122	7.17E-03	3.04E-05	1.57E-02	0.022854	6.81E-03	3.86E-05	3.01E-02	3.69E-02
717	490436.72	3860235.12	0.46685	0.43294	0.51956	6.95E-03	3.06E-05	1.35E-02	0.020496	7.10E-03	3.01E-05	1.50E-02	0.022165	6.75E-03	3.82E-05	2.89E-02	3.57E-02
718	490486.72	3860235.12	0.46766	0.43588	0.51782	6.96E-03	3.08E-05	1.35E-02	0.020463	7.11E-03	3.03E-05	1.50E-02	0.022127	6.76E-03	3.85E-05	2.88E-02	3.56E-02
719	490536.72	3860235.12	0.46889	0.43531	0.50774	6.98E-03	3.07E-05	1.32E-02	0.020219	7.13E-03	3.03E-05	1.47E-02	0.021854	6.78E-03	3.84E-05	2.82E-02	3.50E-02
720	490586.72	3860235.12	0.45701	0.42982	0.50615	6.80E-03	3.03E-05	1.32E-02	0.020001	6.95E-03	2.99E-05	1.46E-02	0.021627	6.60E-03	3.79E-05	2.81E-02	3.48E-02
721	490636.72	3860235.12	0.46105	0.41586	0.50785	6.86E-03	2.94E-05	1.32E-02	0.020104	7.01E-03	2.89E-05	1.47E-02	0.021737	6.66E-03	3.67E-05	2.82E-02	3.49E-02
722	490686.72	3860235.12	0.46487	0.41832	0.50991	6.92E-03	2.95E-05	1.33E-02	0.020215	7.07E-03	2.91E-05	1.48E-02	0.021855	6.72E-03	3.69E-05	2.83E-02	3.51E-02
723	490736.72	3860235.12	0.46507	0.41221	0.51576	6.92E-03	2.91E-05	1.34E-02	0.02037	7.07E-03	2.86E-05	1.49E-02	0.022027	6.72E-03	3.64E-05	2.87E-02	3.54E-02
724	490786.72	3860235.12	0.45547	0.41541	0.51371	6.78E-03	2.93E-05	1.34E-02	0.020174	6.93E-03	2.89E-05	1.49E-02	0.021821	6.58E-03	3.67E-05	2.85E-02	3.52E-02
725	490086.72	3860285.12	0.49173	0.45903	0.5473	7.32E-03	3.24E-05	1.42E-02	0.02159	7.48E-03	3.19E-05	1.58E-02	0.023348	7.11E-03	4.05E-05	3.04E-02	3.76E-02
726	490136.72	3860285.12	0.49612	0.46245	0.54317	7.38E-03	3.27E-05	1.41E-02	0.021548	7.55E-03	3.21E-05	1.57E-02	0.023295	7.17E-03	4.08E-05	3.02E-02	3.74E-02
727	490186.72	3860285.12	0.48386	0.45717	0.54426	7.20E-03	3.23E-05	1.42E-02	0.021394	7.36E-03	3.18E-05	1.57E-02	0.02314	6.99E-03	4.03E-05	3.02E-02	3.73E-02
728	490236.72	3860285.12	0.46709	0.45475	0.53358	6.95E-03	3.21E-05	1.39E-02	0.020866	7.10E-03	3.16E-05	1.54E-02	0.022576	6.75E-03	4.01E-05	2.96E-02	3.64E-02
729	490286.72	3860285.12	0.46648	0.44375	0.526	6.94E-03	3.13E-05	1.37E-02	0.020659	7.09E-03	3.08E-05	1.52E-02	0.022346	6.74E-03	3.92E-05	2.92E-02	3.60E-02
730	490336.72	3860285.12	0.47266	0.44656	0.51695	7.04E-03	3.15E-05	1.34E-02	0.020516	7.19E-03	3.10E-05	1.50E-02	0.022179	6.83E-03	3.94E-05	2.87E-02	3.56E-02
731	490386.72	3860285.12	0.47067	0.42862	0.51945	7.01E-03	3.03E-05	1.35E-02	0.02055	7.16E-03	2.98E-05	1.50E-02	0.02222	6.80E-03	3.78E-05	2.89E-02	3.57E-02
732	490436.72	3860285.12	0.46123	0.42729	0.52897	6.87E-03	3.02E-05	1.38E-02	0.020657	7.01E-03	2.97E-05	1.53E-02	0.022351	6.66E-03	3.77E-05	2.94E-02	3.61E-02
733	490486.72	3860285.12	0.45874	0.42478	0.51488	6.83E-03	3.00E-05	1.34E-02	0.020253	6.98E-03	2.95E-05	1.49E-02	0.021906	6.63E-03	3.75E-05	2.86E-02	3.53E-02
734	490536.72	3860285.12	0.45049	0.42298	0.50432	6.71E-03	2.99E-05	1.31E-02	0.019856	6.85E-03	2.94E-05	1.46E-02	0.021474	6.51E-03	3.73E-05	2.80E-02	3.46E-02
735	490586.72	3860285.12	0.4592	0.42171	0.49892	6.84E-03	2.98E-05	1.30E-02	0.019845	6.98E-03	2.93E-05	1.44E-02	0.021451	6.64E-03	3.72E-05	2.77E-02	3.44E-02
736	490636.72	3860285.12	0.44926	0.42676	0.49154	6.69E-03	3.01E-05	1.28E-02	0.019505	6.83E-03	2.97E-05	1.42E-02	0.021086	6.49E-03	3.77E-05	2.73E-02	3.38E-02
737	490686.72	3860285.12	0.44575	0.40762	0.49601	6.63E-03	2.88E-05	1.29E-02	0.019568	6.78E-03	2.83E-05	1.44E-02	0.021161	6.44E-03	3.60E-05	2.76E-02	3.40E-02
738	490736.72	3860285.12	0.45058	0.40232	0.4936	6.71E-03	2.84E-05	1.28E-02	0.019577	6.85E-03	2.80E-05	1.43E-02	0.021164	6.51E-03	3.55E-05	2.74E-02	3.40E-02
739	490786.72	3860285.12	0.45273	0.40652	0.50201	6.74E-03	2.87E-05	1.31E-02	0.019828	6.89E-03	2.83E-05	1.45E-02	0.021441	6.54E-03	3.59E-05	2.79E-02	3.45E-02
740	490086.72	3860335.12	0.47646	0.47076	0.53563	7.09E-03	3.32E-05	1.39E-02	0.02106	7.25E-03	3.27E-05	1.55E-02	0.022779	6.88E-03	4.15E-05	2.98E-02	3.67E-02
741	490136.72	3860335.12	0.47981	0.45226	0.53549	7.14E-03	3.19E-05	1.39E-02	0.021105	7.30E-03	3.14E-05	1.55E-02	0.022824	6.93E-03	3.99E-05	2.98E-02	3.67E-02
742	490186.72	3860335.12	0.48136	0.45234	0.53108	7.16E-03	3.19E-05	1.38E-02	0.021013	7.32E-03	3.14E-05	1.54E-02	0.02272	6.96E-03	3.99E-05	2.95E-02	3.65E-02
743	490236.72	3860335.12	0.47542	0.45074	0.53219	7.08E-03	3.18E-05	1.38E-02	0.020954	7.23E-03	3.13E-05	1.54E-02	0.022662	6.87E-03	3.98E-05	2.96E-02	3.65E-02
744	490286.72	3860335.12	0.45794	0.4449	0.522	6.82E-03	3.14E-05	1.36E-02	0.020428	6.96E-03	3.09E-05	1.51E-02	0.022101	6.62E-03	3.93E-05	2.90E-02	3.57E-02
745	490336.72	3860335.12	0.45247	0.43407	0.51318	6.73E-03	3.06E-05	1.34E-02	0.020116	6.88E-03	3.02E-05	1.49E-02	0.021762	6.54E-03	3.83E-05	2.85E-02	3.51E-02
746	490386.72	3860335.12	0.46046	0.43556	0.507	6.85E-03	3.08E-05	1.32E-02	0.020075	7.00E-03	3.03E-05	1.47E-02	0.021705	6.65E-03	3.84E-05	2.82E-02	3.49E-02
747	490436.72	3860335.12	0.45931	0.42128	0.50221	6.84E-03	2.97E-05	1.31E-02	0.019932	6.99E-03	2.93E-05	1.45E-02	0.021547	6.64E-03	3.72E-05	2.79E-02	3.46E-02
748	490486.72	3860335.12	0.45272	0.41617	0.51622	6.74E-03	2.94E-05	1.34E-02	0.020198	6.89E-03	2.89E-05	1.49E-02	0.021852	6.54E-03	3.67E-05	2.87E-02	3.53E-02

749	490536.72	3860335.12	0.44894	0.41639	0.51114	6.68E-03	2.94E-05	1.33E-02	0.02001	6.83E-03	2.89E-05	1.48E-02	0.021648	6.49E-03	3.67E-05	2.84E-02	3.49E-02
750	490586.72	3860335.12	0.43864	0.41058	0.49022	6.53E-03	2.90E-05	1.28E-02	0.019312	6.67E-03	2.85E-05	1.42E-02	0.020885	6.34E-03	3.62E-05	2.72E-02	3.36E-02
751	490636.72	3860335.12	0.44545	0.41483	0.49028	6.63E-03	2.93E-05	1.28E-02	0.019415	6.77E-03	2.88E-05	1.42E-02	0.020991	6.44E-03	3.66E-05	2.72E-02	3.37E-02
752	490686.72	3860335.12	0.44226	0.41731	0.48031	6.58E-03	2.95E-05	1.25E-02	0.019108	6.73E-03	2.90E-05	1.39E-02	0.020654	6.39E-03	3.68E-05	2.67E-02	3.31E-02
753	490736.72	3860335.12	0.43401	0.40537	0.4824	6.46E-03	2.86E-05	1.26E-02	0.019039	6.60E-03	2.82E-05	1.40E-02	0.020588	6.27E-03	3.58E-05	2.68E-02	3.31E-02
754	490786.72	3860335.12	0.43855	0.39621	0.48145	6.53E-03	2.80E-05	1.25E-02	0.019081	6.67E-03	2.75E-05	1.39E-02	0.020629	6.34E-03	3.50E-05	2.68E-02	3.31E-02
755	490086.72	3860385.12	0.46345	0.46893	0.53333	6.90E-03	3.31E-05	1.39E-02	0.020807	7.05E-03	3.26E-05	1.54E-02	0.022514	6.70E-03	4.14E-05	2.96E-02	3.64E-02
756	490136.72	3860385.12	0.46189	0.46257	0.5223	6.88E-03	3.27E-05	1.36E-02	0.020496	7.02E-03	3.21E-05	1.51E-02	0.022171	6.67E-03	4.08E-05	2.90E-02	3.57E-02
757	490186.72	3860385.12	0.46781	0.44625	0.52252	6.96E-03	3.15E-05	1.36E-02	0.020589	7.11E-03	3.10E-05	1.51E-02	0.022266	6.76E-03	3.94E-05	2.90E-02	3.58E-02
758	490236.72	3860385.12	0.46757	0.44277	0.51946	6.96E-03	3.13E-05	1.35E-02	0.020505	7.11E-03	3.08E-05	1.50E-02	0.022174	6.76E-03	3.91E-05	2.89E-02	3.57E-02
759	490286.72	3860385.12	0.46723	0.44398	0.51757	6.95E-03	3.13E-05	1.35E-02	0.020451	7.11E-03	3.09E-05	1.50E-02	0.022114	6.75E-03	3.92E-05	2.88E-02	3.56E-02
760	490336.72	3860385.12	0.45071	0.43542	0.51337	6.71E-03	3.07E-05	1.34E-02	0.020095	6.85E-03	3.03E-05	1.49E-02	0.021741	6.51E-03	3.84E-05	2.85E-02	3.51E-02
761	490386.72	3860385.12	0.43906	0.42406	0.50068	6.54E-03	2.99E-05	1.30E-02	0.019591	6.68E-03	2.95E-05	1.45E-02	0.021195	6.34E-03	3.74E-05	2.78E-02	3.42E-02
762	490436.72	3860385.12	0.44757	0.42467	0.49513	6.66E-03	3.00E-05	1.29E-02	0.019573	6.81E-03	2.95E-05	1.43E-02	0.021164	6.47E-03	3.75E-05	2.75E-02	3.40E-02
763	490486.72	3860385.12	0.44892	0.41718	0.48899	6.68E-03	2.95E-05	1.27E-02	0.019433	6.83E-03	2.90E-05	1.42E-02	0.021007	6.49E-03	3.68E-05	2.72E-02	3.37E-02
764	490536.72	3860385.12	0.4435	0.40769	0.49946	6.60E-03	2.88E-05	1.30E-02	0.019624	6.75E-03	2.83E-05	1.45E-02	0.021226	6.41E-03	3.60E-05	2.78E-02	3.42E-02
765	490586.72	3860385.12	0.4373	0.4078	0.50448	6.51E-03	2.88E-05	1.31E-02	0.019662	6.65E-03	2.83E-05	1.46E-02	0.021277	6.32E-03	3.60E-05	2.80E-02	3.44E-02
766	490636.72	3860385.12	0.43081	0.40515	0.48263	6.41E-03	2.86E-05	1.26E-02	0.018997	6.55E-03	2.82E-05	1.40E-02	0.020546	6.23E-03	3.57E-05	2.68E-02	3.31E-02
767	490686.72	3860385.12	0.42977	0.40603	0.47941	6.40E-03	2.87E-05	1.25E-02	0.018898	6.54E-03	2.82E-05	1.39E-02	0.020437	6.21E-03	3.58E-05	2.66E-02	3.29E-02
768	490736.72	3860385.12	0.43465	0.40447	0.47198	6.47E-03	2.86E-05	1.23E-02	0.018777	6.61E-03	2.81E-05	1.37E-02	0.020296	6.28E-03	3.57E-05	2.62E-02	3.25E-02
769	490786.72	3860385.12	0.42386	0.4022	0.4705	6.31E-03	2.84E-05	1.22E-02	0.018578	6.45E-03	2.80E-05	1.36E-02	0.020089	6.12E-03	3.55E-05	2.61E-02	3.23E-02
770	490136.72	3860435.12	0.45434	0.46273	0.52504	6.76E-03	3.27E-05	1.37E-02	0.020455	6.91E-03	3.22E-05	1.52E-02	0.022135	6.57E-03	4.08E-05	2.92E-02	3.58E-02
771	490186.72	3860435.12	0.45142	0.45381	0.51124	6.72E-03	3.20E-05	1.33E-02	0.020052	6.87E-03	3.15E-05	1.48E-02	0.021691	6.52E-03	4.00E-05	2.84E-02	3.50E-02
772	490236.72	3860435.12	0.45733	0.44057	0.51195	6.81E-03	3.11E-05	1.33E-02	0.020157	6.96E-03	3.06E-05	1.48E-02	0.021801	6.61E-03	3.89E-05	2.84E-02	3.51E-02
773	490286.72	3860435.12	0.45619	0.43392	0.50779	6.79E-03	3.06E-05	1.32E-02	0.020032	6.94E-03	3.02E-05	1.47E-02	0.021662	6.59E-03	3.83E-05	2.82E-02	3.48E-02
774	490336.72	3860435.12	0.45992	0.4353	0.50433	6.85E-03	3.07E-05	1.31E-02	0.019997	6.99E-03	3.03E-05	1.46E-02	0.021619	6.65E-03	3.84E-05	2.80E-02	3.47E-02
775	490386.72	3860435.12	0.44415	0.42607	0.50414	6.61E-03	3.01E-05	1.31E-02	0.019757	6.75E-03	2.96E-05	1.46E-02	0.021373	6.42E-03	3.76E-05	2.80E-02	3.45E-02
776	490436.72	3860435.12	0.42842	0.41843	0.49273	6.38E-03	2.95E-05	1.28E-02	0.019225	6.52E-03	2.91E-05	1.43E-02	0.020803	6.19E-03	3.69E-05	2.74E-02	3.36E-02
777	490486.72	3860435.12	0.43492	0.41516	0.48353	6.47E-03	2.93E-05	1.26E-02	0.019082	6.61E-03	2.89E-05	1.40E-02	0.020636	6.28E-03	3.66E-05	2.69E-02	3.32E-02
778	490536.72	3860435.12	0.43904	0.41294	0.47825	6.54E-03	2.92E-05	1.24E-02	0.019006	6.68E-03	2.87E-05	1.38E-02	0.020545	6.34E-03	3.64E-05	2.66E-02	3.30E-02
779	490586.72	3860435.12	0.43322	0.39995	0.48254	6.45E-03	2.82E-05	1.26E-02	0.01903	6.59E-03	2.78E-05	1.40E-02	0.02058	6.26E-03	3.53E-05	2.68E-02	3.31E-02
780	490636.72	3860435.12	0.42564	0.39964	0.49135	6.34E-03	2.82E-05	1.28E-02	0.019147	6.47E-03	2.78E-05	1.42E-02	0.02072	6.15E-03	3.53E-05	2.73E-02	3.35E-02
781	490686.72	3860435.12	0.42318	0.39731	0.47791	6.30E-03	2.81E-05	1.24E-02	0.01876	6.44E-03	2.76E-05	1.38E-02	0.020293	6.12E-03	3.51E-05	2.66E-02	3.27E-02
782	490736.72	3860435.12	0.41642	0.39674	0.46733	6.20E-03	2.80E-05	1.22E-02	0.018384	6.33E-03	2.76E-05	1.35E-02	0.019884	6.02E-03	3.50E-05	2.60E-02	3.20E-02
783	490786.72	3860435.12	0.42495	0.39209	0.46255	6.33E-03	2.77E-05	1.20E-02	0.018387	6.46E-03	2.73E-05	1.34E-02	0.019875	6.14E-03	3.46E-05	2.57E-02	3.19E-02
784	490136.72	3860485.12	0.45888	0.46926	0.52786	6.83E-03	3.31E-05	1.37E-02	0.020596	6.98E-03	3.26E-05	1.53E-02	0.022286	6.63E-03	4.14E-05	2.93E-02	3.60E-02
785	490186.72	3860485.12	0.44456	0.45624	0.51731	6.62E-03	3.22E-05	1.35E-02	0.020108	6.76E-03	3.17E-05	1.50E-02	0.021762	6.42E-03	4.03E-05	2.87E-02	3.52E-02
786	490236.72	3860485.12	0.44273	0.44523	0.50227	6.59E-03	3.14E-05	1.31E-02	0.019688	6.73E-03	3.09E-05	1.45E-02	0.021299	6.40E-03	3.93E-05	2.79E-02	3.43E-02
787	490286.72	3860485.12	0.44751	0.43476	0.50005	6.66E-03	3.07E-05	1.30E-02	0.019701	6.81E-03	3.02E-05	1.45E-02	0.021306	6.47E-03	3.84E-05	2.78E-02	3.43E-02
788	490336.72	3860485.12	0.44466	0.4247	0.49648	6.62E-03	3.00E-05	1.29E-02	0.019565	6.76E-03	2.95E-05	1.44E-02	0.021159	6.43E-03	3.75E-05	2.76E-02	3.41E-02
789	490386.72	3860485.12	0.44762	0.42687	0.49456	6.66E-03	3.01E-05	1.29E-02	0.019559	6.81E-03	2.97E-05	1.43E-02	0.021149	6.47E-03	3.77E-05	2.75E-02	3.40E-02
790	490436.72	3860485.12	0.43597	0.41814	0.49361	6.49E-03	2.95E-05	1.28E-02	0.019361	6.63E-03	2.91E-05	1.43E-02	0.020943	6.30E-03	3.69E-05	2.74E-02	3.38E-02
791	490486.72	3860485.12	0.4191	0.41423	0.4851	6.24E-03	2.92E-05	1.26E-02	0.018888	6.37E-03	2.88E-05	1.40E-02	0.02044	6.06E-03	3.65E-05	2.70E-02	3.30E-02
792	490536.72	3860485.12	0.42263	0.40602	0.47369	6.29E-03	2.87E-05	1.23E-02	0.018643	6.43E-03	2.82E-05	1.37E-02	0.020163	6.11E-03	3.58E-05	2.63E-02	3.25E-02
793	490586.72	3860485.12	0.42793	0.40694	0.46862	6.37E-03	2.87E-05	1.22E-02	0.01859	6.51E-03	2.83E-05	1.36E-02	0.020097	6.18E-03	3.59E-05	2.60E-02	3.23E-02
794	490636.72	3860485.12	0.42346	0.39197	0.46741	6.30E-03	2.77E-05	1.22E-02	0.018491	6.44E-03	2.72E-05	1.35E-02	0.019993	6.12E-03	3.46E-05	2.60E-02	3.21E-02
795	490686.72	3860485.12	0.4169	0.39185	0.47973	6.21E-03	2.77E-05	1.25E-02	0.018714	6.34E-03	2.72E-05	1.39E-02	0.02025	6.02E-03	3.46E-05	2.67E-02	3.27E-02

796	490736.72	3860485.12	0.41495	0.39041	0.47544	6.18E-03	2.76E-05	1.24E-02	0.018573	6.31E-03	2.71E-05	1.38E-02	0.020096	6.00E-03	3.44E-05	2.64E-02	3.24E-02
797	490786.72	3860485.12	0.40655	0.38533	0.45594	6.05E-03	2.72E-05	1.19E-02	0.01794	6.18E-03	2.68E-05	1.32E-02	0.019404	5.87E-03	3.40E-05	2.53E-02	3.12E-02
798	490136.72	3860535.12	0.46462	0.46813	0.5276	6.92E-03	3.31E-05	1.37E-02	0.020675	7.07E-03	3.25E-05	1.53E-02	0.022366	6.71E-03	4.13E-05	2.93E-02	3.61E-02
799	490186.72	3860535.12	0.45266	0.46403	0.5177	6.74E-03	3.28E-05	1.35E-02	0.020239	6.88E-03	3.23E-05	1.50E-02	0.021898	6.54E-03	4.09E-05	2.88E-02	3.53E-02
800	490236.72	3860535.12	0.43528	0.44926	0.50893	6.48E-03	3.17E-05	1.32E-02	0.019751	6.62E-03	3.12E-05	1.47E-02	0.021378	6.29E-03	3.96E-05	2.83E-02	3.46E-02
801	490286.72	3860535.12	0.43455	0.43771	0.49306	6.47E-03	3.09E-05	1.28E-02	0.019326	6.61E-03	3.04E-05	1.43E-02	0.020907	6.28E-03	3.86E-05	2.74E-02	3.37E-02
802	490336.72	3860535.12	0.43503	0.4289	0.48823	6.48E-03	3.03E-05	1.27E-02	0.019207	6.62E-03	2.98E-05	1.41E-02	0.020774	6.29E-03	3.78E-05	2.71E-02	3.35E-02
803	490386.72	3860535.12	0.43533	0.41554	0.48873	6.48E-03	2.93E-05	1.27E-02	0.019224	6.62E-03	2.89E-05	1.41E-02	0.020792	6.29E-03	3.67E-05	2.72E-02	3.35E-02
804	490436.72	3860535.12	0.43557	0.41984	0.4832	6.48E-03	2.96E-05	1.26E-02	0.019084	6.62E-03	2.92E-05	1.40E-02	0.020636	6.29E-03	3.70E-05	2.68E-02	3.32E-02
805	490486.72	3860535.12	0.42858	0.41293	0.48097	6.38E-03	2.92E-05	1.25E-02	0.018921	6.52E-03	2.87E-05	1.39E-02	0.020465	6.19E-03	3.64E-05	2.67E-02	3.30E-02
806	490536.72	3860535.12	0.41538	0.41075	0.47779	6.18E-03	2.90E-05	1.24E-02	0.018642	6.32E-03	2.85E-05	1.38E-02	0.020172	6.00E-03	3.62E-05	2.65E-02	3.26E-02
807	490586.72	3860535.12	0.41082	0.39713	0.46279	6.11E-03	2.80E-05	1.20E-02	0.018183	6.25E-03	2.76E-05	1.34E-02	0.019668	5.94E-03	3.50E-05	2.57E-02	3.17E-02
808	490636.72	3860535.12	0.41765	0.39705	0.4615	6.22E-03	2.80E-05	1.20E-02	0.018251	6.35E-03	2.76E-05	1.34E-02	0.019734	6.04E-03	3.50E-05	2.56E-02	3.17E-02
809	490686.72	3860535.12	0.41579	0.38661	0.45382	6.19E-03	2.73E-05	1.18E-02	0.018023	6.32E-03	2.69E-05	1.31E-02	0.019483	6.01E-03	3.41E-05	2.52E-02	3.13E-02
810	490736.72	3860535.12	0.40704	0.38209	0.46575	6.06E-03	2.70E-05	1.21E-02	0.018203	6.19E-03	2.66E-05	1.35E-02	0.019695	5.88E-03	3.37E-05	2.59E-02	3.18E-02
811	490786.72	3860535.12	0.40691	0.38293	0.46934	6.06E-03	2.70E-05	1.22E-02	0.018294	6.19E-03	2.66E-05	1.36E-02	0.019797	5.88E-03	3.38E-05	2.61E-02	3.20E-02
812	490136.72	3860585.12	0.45172	0.45526	0.52387	6.72E-03	3.21E-05	1.36E-02	0.020385	6.87E-03	3.16E-05	1.52E-02	0.022061	6.53E-03	4.02E-05	2.91E-02	3.57E-02
813	490186.72	3860585.12	0.45464	0.45772	0.51713	6.77E-03	3.23E-05	1.35E-02	0.020253	6.91E-03	3.18E-05	1.50E-02	0.021911	6.57E-03	4.04E-05	2.87E-02	3.53E-02
814	490236.72	3860585.12	0.44321	0.45568	0.5034	6.60E-03	3.22E-05	1.31E-02	0.019726	6.74E-03	3.17E-05	1.46E-02	0.021339	6.40E-03	4.02E-05	2.80E-02	3.44E-02
815	490286.72	3860585.12	0.42696	0.44227	0.49927	6.36E-03	3.12E-05	1.30E-02	0.019375	6.49E-03	3.07E-05	1.44E-02	0.020972	6.17E-03	3.90E-05	2.77E-02	3.40E-02
816	490336.72	3860585.12	0.42277	0.4305	0.48504	6.29E-03	3.04E-05	1.26E-02	0.018942	6.43E-03	2.99E-05	1.40E-02	0.020495	6.11E-03	3.80E-05	2.70E-02	3.31E-02
817	490386.72	3860585.12	0.42469	0.42326	0.47561	6.32E-03	2.99E-05	1.24E-02	0.018725	6.46E-03	2.94E-05	1.38E-02	0.020251	6.14E-03	3.73E-05	2.64E-02	3.26E-02
818	490436.72	3860585.12	0.42683	0.40972	0.47912	6.35E-03	2.89E-05	1.25E-02	0.018847	6.49E-03	2.85E-05	1.39E-02	0.020384	6.17E-03	3.62E-05	2.66E-02	3.28E-02
819	490486.72	3860585.12	0.42683	0.41373	0.47556	6.35E-03	2.92E-05	1.24E-02	0.018755	6.49E-03	2.88E-05	1.38E-02	0.020282	6.17E-03	3.65E-05	2.64E-02	3.26E-02
820	490536.72	3860585.12	0.42288	0.40886	0.47099	6.29E-03	2.89E-05	1.23E-02	0.018577	6.43E-03	2.84E-05	1.36E-02	0.020089	6.11E-03	3.61E-05	2.62E-02	3.23E-02
821	490586.72	3860585.12	0.40822	0.40078	0.46808	6.08E-03	2.83E-05	1.22E-02	0.018282	6.21E-03	2.79E-05	1.35E-02	0.019781	5.90E-03	3.54E-05	2.60E-02	3.19E-02
822	490636.72	3860585.12	0.39656	0.3884	0.45392	5.90E-03	2.74E-05	1.18E-02	0.017739	6.03E-03	2.70E-05	1.31E-02	0.019193	5.73E-03	3.43E-05	2.52E-02	3.10E-02
823	490686.72	3860585.12	0.40672	0.38809	0.45111	6.05E-03	2.74E-05	1.17E-02	0.017817	6.19E-03	2.70E-05	1.31E-02	0.019267	5.88E-03	3.42E-05	2.51E-02	3.10E-02
824	490736.72	3860585.12	0.4077	0.38301	0.44592	6.07E-03	2.70E-05	1.16E-02	0.017697	6.20E-03	2.66E-05	1.29E-02	0.019131	5.89E-03	3.38E-05	2.48E-02	3.07E-02
825	490786.72	3860585.12	0.39936	0.37452	0.45019	5.94E-03	2.64E-05	1.17E-02	0.017683	6.07E-03	2.60E-05	1.30E-02	0.019127	5.77E-03	3.30E-05	2.50E-02	3.08E-02
826	490136.72	3860635.12	0.44785	0.44847	0.51981	6.67E-03	3.17E-05	1.35E-02	0.020221	6.81E-03	3.12E-05	1.50E-02	0.021884	6.47E-03	3.96E-05	2.89E-02	3.54E-02
827	490186.72	3860635.12	0.44375	0.44668	0.51447	6.61E-03	3.15E-05	1.34E-02	0.020021	6.75E-03	3.10E-05	1.49E-02	0.021667	6.41E-03	3.94E-05	2.86E-02	3.50E-02
828	490236.72	3860635.12	0.44681	0.44954	0.50955	6.65E-03	3.17E-05	1.33E-02	0.019939	6.80E-03	3.12E-05	1.47E-02	0.021572	6.46E-03	3.97E-05	2.83E-02	3.48E-02
829	490286.72	3860635.12	0.43527	0.4492	0.49507	6.48E-03	3.17E-05	1.29E-02	0.01939	6.62E-03	3.12E-05	1.43E-02	0.020977	6.29E-03	3.96E-05	2.75E-02	3.38E-02
830	490336.72	3860635.12	0.42021	0.43542	0.48987	6.25E-03	3.07E-05	1.27E-02	0.01903	6.39E-03	3.03E-05	1.42E-02	0.020597	6.07E-03	3.84E-05	2.72E-02	3.33E-02
831	490386.72	3860635.12	0.41124	0.42295	0.47771	6.12E-03	2.99E-05	1.24E-02	0.018579	6.25E-03	2.94E-05	1.38E-02	0.020108	5.94E-03	3.73E-05	2.65E-02	3.25E-02
832	490436.72	3860635.12	0.41442	0.41719	0.46357	6.17E-03	2.95E-05	1.21E-02	0.018258	6.30E-03	2.90E-05	1.34E-02	0.019746	5.99E-03	3.68E-05	2.58E-02	3.18E-02
833	490486.72	3860635.12	0.41645	0.40114	0.46823	6.20E-03	2.83E-05	1.22E-02	0.018409	6.33E-03	2.79E-05	1.35E-02	0.019911	6.02E-03	3.54E-05	2.60E-02	3.21E-02
834	490536.72	3860635.12	0.41491	0.40303	0.46431	6.18E-03	2.85E-05	1.21E-02	0.018284	6.31E-03	2.80E-05	1.34E-02	0.019774	6.00E-03	3.56E-05	2.58E-02	3.18E-02
835	490586.72	3860635.12	0.41511	0.40142	0.45792	6.18E-03	2.83E-05	1.19E-02	0.01812	6.31E-03	2.79E-05	1.33E-02	0.019592	6.00E-03	3.54E-05	2.54E-02	3.15E-02
836	490636.72	3860635.12	0.40323	0.3932	0.46036	6.00E-03	2.78E-05	1.20E-02	0.018006	6.13E-03	2.73E-05	1.33E-02	0.019482	5.83E-03	3.47E-05	2.56E-02	3.14E-02
837	490686.72	3860635.12	0.38819	0.38155	0.44847	5.78E-03	2.69E-05	1.17E-02	0.017472	5.90E-03	2.65E-05	1.30E-02	0.018908	5.61E-03	3.37E-05	2.49E-02	3.06E-02
838	490736.72	3860635.12	0.39564	0.37996	0.44061	5.89E-03	2.68E-05	1.15E-02	0.017379	6.02E-03	2.64E-05	1.28E-02	0.018794	5.72E-03	3.35E-05	2.45E-02	3.02E-02
839	490786.72	3860635.12	0.39883	0.37881	0.43726	5.94E-03	2.67E-05	1.14E-02	0.017339	6.07E-03	2.63E-05	1.27E-02	0.018745	5.76E-03	3.34E-05	2.43E-02	3.01E-02
840	490136.72	3860685.12	0.44874	0.44355	0.51861	6.68E-03	3.13E-05	1.35E-02	0.020203	6.82E-03	3.08E-05	1.50E-02	0.021863	6.48E-03	3.91E-05	2.88E-02	3.53E-02
841	490186.72	3860685.12	0.43989	0.44198	0.51204	6.55E-03	3.12E-05	1.33E-02	0.0199	6.69E-03	3.07E-05	1.48E-02	0.021538	6.36E-03	3.90E-05	2.85E-02	3.48E-02
842	490236.72	3860685.12	0.43615	0.43871	0.50569	6.49E-03	3.10E-05	1.32E-02	0.019679	6.63E-03	3.05E-05	1.46E-02	0.021297	6.30E-03	3.87E-05	2.81E-02	3.44E-02

843	490286.72	3860685.12	0.43687	0.43967	0.5	6.50E-03	3.10E-05	1.30E-02	0.019542	6.64E-03	3.06E-05	1.45E-02	0.021143	6.31E-03	3.88E-05	2.78E-02	3.41E-02
844	490336.72	3860685.12	0.42815	0.44265	0.48753	6.37E-03	3.13E-05	1.27E-02	0.019088	6.51E-03	3.08E-05	1.41E-02	0.02065	6.19E-03	3.91E-05	2.71E-02	3.33E-02
845	490386.72	3860685.12	0.41401	0.429	0.48121	6.16E-03	3.03E-05	1.25E-02	0.018712	6.30E-03	2.98E-05	1.39E-02	0.020251	5.98E-03	3.79E-05	2.67E-02	3.28E-02
846	490436.72	3860685.12	0.40219	0.41393	0.47006	5.99E-03	2.92E-05	1.22E-02	0.018245	6.12E-03	2.88E-05	1.36E-02	0.019748	5.81E-03	3.65E-05	2.61E-02	3.20E-02
847	490486.72	3860685.12	0.40434	0.40983	0.45291	6.02E-03	2.89E-05	1.18E-02	0.01783	6.15E-03	2.85E-05	1.31E-02	0.019284	5.84E-03	3.62E-05	2.52E-02	3.10E-02
848	490536.72	3860685.12	0.4078	0.39475	0.45831	6.07E-03	2.79E-05	1.19E-02	0.018021	6.20E-03	2.74E-05	1.33E-02	0.019492	5.89E-03	3.48E-05	2.55E-02	3.14E-02
849	490586.72	3860685.12	0.40382	0.39562	0.45401	6.01E-03	2.79E-05	1.18E-02	0.01785	6.14E-03	2.75E-05	1.31E-02	0.019307	5.84E-03	3.49E-05	2.52E-02	3.11E-02
850	490636.72	3860685.12	0.40598	0.39485	0.44997	6.04E-03	2.79E-05	1.17E-02	0.017777	6.17E-03	2.74E-05	1.30E-02	0.019223	5.87E-03	3.48E-05	2.50E-02	3.09E-02
851	490686.72	3860685.12	0.396	0.3857	0.44971	5.89E-03	2.72E-05	1.17E-02	0.017621	6.02E-03	2.68E-05	1.30E-02	0.019063	5.72E-03	3.40E-05	2.50E-02	3.07E-02
852	490736.72	3860685.12	0.38053	0.37794	0.44231	5.66E-03	2.67E-05	1.15E-02	0.017198	5.79E-03	2.63E-05	1.28E-02	0.018613	5.50E-03	3.33E-05	2.46E-02	3.01E-02
853	490786.72	3860685.12	0.38595	0.37358	0.43278	5.74E-03	2.64E-05	1.13E-02	0.01703	5.87E-03	2.60E-05	1.25E-02	0.018419	5.58E-03	3.30E-05	2.40E-02	2.97E-02
854	490136.72	3860735.12	0.43881	0.43207	0.50952	6.53E-03	3.05E-05	1.33E-02	0.019818	6.67E-03	3.00E-05	1.47E-02	0.021448	6.34E-03	3.81E-05	2.83E-02	3.47E-02
855	490186.72	3860735.12	0.43774	0.43182	0.50544	6.52E-03	3.05E-05	1.31E-02	0.019696	6.66E-03	3.00E-05	1.46E-02	0.021314	6.33E-03	3.81E-05	2.81E-02	3.44E-02
856	490236.72	3860735.12	0.42641	0.42953	0.49546	6.35E-03	3.03E-05	1.29E-02	0.019267	6.49E-03	2.99E-05	1.43E-02	0.020852	6.16E-03	3.79E-05	2.75E-02	3.37E-02
857	490286.72	3860735.12	0.42573	0.42771	0.49288	6.34E-03	3.02E-05	1.28E-02	0.01919	6.47E-03	2.97E-05	1.43E-02	0.020767	6.15E-03	3.77E-05	2.74E-02	3.36E-02
858	490336.72	3860735.12	0.42701	0.43086	0.49198	6.36E-03	3.04E-05	1.28E-02	0.019186	6.49E-03	2.99E-05	1.42E-02	0.020761	6.17E-03	3.80E-05	2.73E-02	3.35E-02
859	490386.72	3860735.12	0.42148	0.43567	0.47948	6.27E-03	3.08E-05	1.25E-02	0.018779	6.41E-03	3.03E-05	1.39E-02	0.020315	6.09E-03	3.84E-05	2.66E-02	3.28E-02
860	490436.72	3860735.12	0.40878	0.42364	0.47332	6.08E-03	2.99E-05	1.23E-02	0.018428	6.22E-03	2.94E-05	1.37E-02	0.019943	5.91E-03	3.74E-05	2.63E-02	3.22E-02
861	490486.72	3860735.12	0.3958	0.40857	0.4638	5.89E-03	2.88E-05	1.21E-02	0.017986	6.02E-03	2.84E-05	1.34E-02	0.019469	5.72E-03	3.60E-05	2.58E-02	3.15E-02
862	490536.72	3860735.12	0.39585	0.40304	0.44449	5.89E-03	2.85E-05	1.16E-02	0.017484	6.02E-03	2.80E-05	1.29E-02	0.018911	5.72E-03	3.56E-05	2.47E-02	3.05E-02
863	490586.72	3860735.12	0.39804	0.38898	0.44726	5.92E-03	2.75E-05	1.16E-02	0.017588	6.05E-03	2.70E-05	1.29E-02	0.019023	5.75E-03	3.43E-05	2.49E-02	3.06E-02
864	490636.72	3860735.12	0.39445	0.38655	0.44506	5.87E-03	2.73E-05	1.16E-02	0.017477	6.00E-03	2.69E-05	1.29E-02	0.018905	5.70E-03	3.41E-05	2.47E-02	3.05E-02
865	490686.72	3860735.12	0.3959	0.38851	0.44265	5.89E-03	2.74E-05	1.15E-02	0.017436	6.02E-03	2.70E-05	1.28E-02	0.018857	5.72E-03	3.43E-05	2.46E-02	3.04E-02
866	490736.72	3860735.12	0.38913	0.38012	0.43862	5.79E-03	2.68E-05	1.14E-02	0.01723	5.92E-03	2.64E-05	1.27E-02	0.018637	5.62E-03	3.35E-05	2.44E-02	3.00E-02
867	490136.72	3860785.12	0.4248	0.42651	0.49239	6.32E-03	3.01E-05	1.28E-02	0.019163	6.46E-03	2.96E-05	1.42E-02	0.020739	6.14E-03	3.76E-05	2.74E-02	3.35E-02
868	490186.72	3860785.12	0.42779	0.42261	0.49774	6.37E-03	2.98E-05	1.29E-02	0.019347	6.51E-03	2.94E-05	1.44E-02	0.020939	6.18E-03	3.73E-05	2.77E-02	3.39E-02
869	490236.72	3860785.12	0.42915	0.42295	0.49532	6.39E-03	2.99E-05	1.29E-02	0.019304	6.53E-03	2.94E-05	1.43E-02	0.020889	6.20E-03	3.73E-05	2.75E-02	3.38E-02
870	490286.72	3860785.12	0.41695	0.42157	0.48562	6.21E-03	2.98E-05	1.26E-02	0.01887	6.34E-03	2.93E-05	1.41E-02	0.020423	6.03E-03	3.72E-05	2.70E-02	3.30E-02
871	490336.72	3860785.12	0.41733	0.41893	0.48289	6.21E-03	2.96E-05	1.26E-02	0.018804	6.35E-03	2.91E-05	1.40E-02	0.02035	6.03E-03	3.70E-05	2.68E-02	3.29E-02
872	490386.72	3860785.12	0.41638	0.42227	0.48424	6.20E-03	2.98E-05	1.26E-02	0.018825	6.33E-03	2.93E-05	1.40E-02	0.020375	6.02E-03	3.73E-05	2.69E-02	3.30E-02
873	490436.72	3860785.12	0.41497	0.4284	0.47134	6.18E-03	3.02E-05	1.23E-02	0.018469	6.31E-03	2.98E-05	1.36E-02	0.01998	6.00E-03	3.78E-05	2.62E-02	3.22E-02
874	490486.72	3860785.12	0.40171	0.4163	0.46323	5.98E-03	2.94E-05	1.21E-02	0.01806	6.11E-03	2.89E-05	1.34E-02	0.019543	5.80E-03	3.67E-05	2.57E-02	3.16E-02
875	490536.72	3860785.12	0.38907	0.40293	0.45601	5.79E-03	2.85E-05	1.19E-02	0.017683	5.92E-03	2.80E-05	1.32E-02	0.019141	5.62E-03	3.56E-05	2.53E-02	3.10E-02
876	490586.72	3860785.12	0.38729	0.39603	0.43771	5.76E-03	2.80E-05	1.14E-02	0.01718	5.89E-03	2.75E-05	1.27E-02	0.018584	5.60E-03	3.49E-05	2.43E-02	3.00E-02
877	490636.72	3860785.12	0.38762	0.38353	0.43682	5.77E-03	2.71E-05	1.14E-02	0.017161	5.90E-03	2.67E-05	1.26E-02	0.018562	5.60E-03	3.38E-05	2.43E-02	2.99E-02
878	490686.72	3860785.12	0.38599	0.37803	0.43658	5.75E-03	2.67E-05	1.14E-02	0.01713	5.87E-03	2.63E-05	1.26E-02	0.01853	5.58E-03	3.34E-05	2.43E-02	2.99E-02
879	490736.72	3860785.12	0.3876	0.38193	0.43332	5.77E-03	2.70E-05	1.13E-02	0.01707	5.89E-03	2.65E-05	1.25E-02	0.018461	5.60E-03	3.37E-05	2.41E-02	2.97E-02
880	490086.72	3860835.12	0.414	0.41556	0.48398	6.16E-03	2.93E-05	1.26E-02	0.018783	6.30E-03	2.89E-05	1.40E-02	0.02033	5.98E-03	3.67E-05	2.69E-02	3.29E-02
881	490136.72	3860835.12	0.41937	0.42348	0.4874	6.24E-03	2.99E-05	1.27E-02	0.018952	6.38E-03	2.94E-05	1.41E-02	0.020512	6.06E-03	3.74E-05	2.71E-02	3.32E-02
882	490186.72	3860835.12	0.41637	0.41918	0.48324	6.20E-03	2.96E-05	1.26E-02	0.018799	6.33E-03	2.91E-05	1.40E-02	0.020345	6.02E-03	3.70E-05	2.69E-02	3.29E-02
883	490236.72	3860835.12	0.41771	0.4144	0.48699	6.22E-03	2.93E-05	1.27E-02	0.018916	6.35E-03	2.88E-05	1.41E-02	0.020474	6.04E-03	3.66E-05	2.71E-02	3.31E-02
884	490286.72	3860835.12	0.42132	0.41512	0.48623	6.27E-03	2.93E-05	1.26E-02	0.01895	6.41E-03	2.89E-05	1.41E-02	0.020507	6.09E-03	3.66E-05	2.70E-02	3.31E-02
885	490336.72	3860835.12	0.40795	0.41398	0.47632	6.07E-03	2.92E-05	1.24E-02	0.018493	6.20E-03	2.88E-05	1.38E-02	0.020017	5.89E-03	3.65E-05	2.65E-02	3.24E-02
886	490386.72	3860835.12	0.40951	0.41081	0.47369	6.10E-03	2.90E-05	1.23E-02	0.018448	6.23E-03	2.86E-05	1.37E-02	0.019964	5.92E-03	3.62E-05	2.63E-02	3.23E-02
887	490436.72	3860835.12	0.40526	0.41285	0.47549	6.03E-03	2.92E-05	1.24E-02	0.018432	6.16E-03	2.87E-05	1.38E-02	0.019952	5.86E-03	3.64E-05	2.64E-02	3.23E-02
888	490486.72	3860835.12	0.40859	0.42037	0.46338	6.08E-03	2.97E-05	1.21E-02	0.018167	6.21E-03	2.92E-05	1.34E-02	0.019652	5.90E-03	3.71E-05	2.57E-02	3.17E-02
889	490536.72	3860835.12	0.39414	0.40873	0.4541	5.87E-03	2.89E-05	1.18E-02	0.017709	5.99E-03	2.84E-05	1.31E-02	0.019163	5.70E-03	3.61E-05	2.52E-02	3.10E-02

890	490586.72	3860835.12	0.38156	0.39694	0.44694	5.68E-03	2.80E-05	1.16E-02	0.017335	5.80E-03	2.76E-05	1.29E-02	0.018764	5.51E-03	3.50E-05	2.48E-02	3.04E-02
891	490636.72	3860835.12	0.37693	0.38942	0.43168	5.61E-03	2.75E-05	1.12E-02	0.016869	5.73E-03	2.71E-05	1.25E-02	0.018251	5.45E-03	3.44E-05	2.40E-02	2.95E-02
892	490686.72	3860835.12	0.37921	0.37921	0.42754	5.64E-03	2.68E-05	1.11E-02	0.016794	5.77E-03	2.64E-05	1.24E-02	0.018166	5.48E-03	3.35E-05	2.38E-02	2.93E-02
893	490736.72	3860835.12	0.37868	0.37158	0.42891	5.64E-03	2.62E-05	1.12E-02	0.016821	5.76E-03	2.58E-05	1.24E-02	0.018197	5.47E-03	3.28E-05	2.38E-02	2.93E-02
894	490086.72	3860885.12	0.40219	0.39973	0.46767	5.99E-03	2.82E-05	1.22E-02	0.018182	6.12E-03	2.78E-05	1.35E-02	0.019678	5.81E-03	3.53E-05	2.60E-02	3.18E-02
895	490136.72	3860885.12	0.4058	0.4093	0.47652	6.04E-03	2.89E-05	1.24E-02	0.018466	6.17E-03	2.84E-05	1.38E-02	0.019989	5.86E-03	3.61E-05	2.65E-02	3.24E-02
896	490186.72	3860885.12	0.41079	0.41614	0.47797	6.11E-03	2.94E-05	1.24E-02	0.018579	6.25E-03	2.89E-05	1.38E-02	0.020108	5.94E-03	3.67E-05	2.66E-02	3.25E-02
897	490236.72	3860885.12	0.4086	0.41215	0.47429	6.08E-03	2.91E-05	1.23E-02	0.01845	6.21E-03	2.86E-05	1.37E-02	0.019968	5.90E-03	3.64E-05	2.64E-02	3.23E-02
898	490286.72	3860885.12	0.4084	0.40698	0.47669	6.08E-03	2.87E-05	1.24E-02	0.018509	6.21E-03	2.83E-05	1.38E-02	0.020034	5.90E-03	3.59E-05	2.65E-02	3.24E-02
899	490336.72	3860885.12	0.41261	0.40711	0.47657	6.14E-03	2.87E-05	1.24E-02	0.018569	6.28E-03	2.83E-05	1.38E-02	0.020094	5.96E-03	3.59E-05	2.65E-02	3.25E-02
900	490386.72	3860885.12	0.39973	0.407	0.46783	5.95E-03	2.87E-05	1.22E-02	0.01815	6.08E-03	2.83E-05	1.35E-02	0.019645	5.78E-03	3.59E-05	2.60E-02	3.18E-02
901	490436.72	3860885.12	0.40268	0.40389	0.46582	5.99E-03	2.85E-05	1.21E-02	0.018141	6.12E-03	2.81E-05	1.35E-02	0.019632	5.82E-03	3.56E-05	2.59E-02	3.17E-02
902	490486.72	3860885.12	0.39619	0.40437	0.46782	5.90E-03	2.86E-05	1.22E-02	0.018097	6.03E-03	2.81E-05	1.35E-02	0.019591	5.73E-03	3.57E-05	2.60E-02	3.18E-02
903	490536.72	3860885.12	0.40225	0.41202	0.45558	5.99E-03	2.91E-05	1.19E-02	0.017869	6.12E-03	2.86E-05	1.32E-02	0.01933	5.81E-03	3.64E-05	2.53E-02	3.12E-02
904	490586.72	3860885.12	0.38623	0.4018	0.44544	5.75E-03	2.84E-05	1.16E-02	0.017366	5.87E-03	2.79E-05	1.29E-02	0.018792	5.58E-03	3.55E-05	2.48E-02	3.04E-02
905	490636.72	3860885.12	0.3742	0.39093	0.4383	5.57E-03	2.76E-05	1.14E-02	0.017	5.69E-03	2.72E-05	1.27E-02	0.018402	5.41E-03	3.45E-05	2.44E-02	2.98E-02
906	490686.72	3860885.12	0.36715	0.38386	0.42596	5.46E-03	2.71E-05	1.11E-02	0.016574	5.58E-03	2.67E-05	1.23E-02	0.017937	5.31E-03	3.39E-05	2.37E-02	2.90E-02
907	490736.72	3860885.12	0.37002	0.37468	0.41804	5.51E-03	2.65E-05	1.09E-02	0.01641	5.63E-03	2.60E-05	1.21E-02	0.017751	5.35E-03	3.31E-05	2.32E-02	2.86E-02
908	490086.72	3860935.12	0.38846	0.38399	0.44941	5.78E-03	2.71E-05	1.17E-02	0.017501	5.91E-03	2.67E-05	1.30E-02	0.018939	5.61E-03	3.39E-05	2.50E-02	3.06E-02
909	490136.72	3860935.12	0.39365	0.39252	0.45866	5.86E-03	2.77E-05	1.19E-02	0.01782	5.99E-03	2.73E-05	1.33E-02	0.019287	5.69E-03	3.46E-05	2.55E-02	3.12E-02
910	490186.72	3860935.12	0.39694	0.40233	0.46811	5.91E-03	2.84E-05	1.22E-02	0.018115	6.04E-03	2.80E-05	1.35E-02	0.019611	5.74E-03	3.55E-05	2.60E-02	3.18E-02
911	490236.72	3860935.12	0.40247	0.409	0.4693	5.99E-03	2.89E-05	1.22E-02	0.018229	6.12E-03	2.84E-05	1.36E-02	0.01973	5.82E-03	3.61E-05	2.61E-02	3.19E-02
912	490286.72	3860935.12	0.40114	0.40537	0.46532	5.97E-03	2.86E-05	1.21E-02	0.018105	6.10E-03	2.82E-05	1.35E-02	0.019594	5.80E-03	3.58E-05	2.59E-02	3.17E-02
913	490336.72	3860935.12	0.39915	0.39967	0.46629	5.94E-03	2.82E-05	1.21E-02	0.0181	6.07E-03	2.78E-05	1.35E-02	0.019592	5.77E-03	3.53E-05	2.59E-02	3.17E-02
914	490386.72	3860935.12	0.40488	0.40041	0.46807	6.03E-03	2.83E-05	1.22E-02	0.018232	6.16E-03	2.78E-05	1.35E-02	0.01973	5.85E-03	3.53E-05	2.60E-02	3.19E-02
915	490436.72	3860935.12	0.39253	0.4007	0.46021	5.84E-03	2.83E-05	1.20E-02	0.017844	5.97E-03	2.78E-05	1.33E-02	0.019315	5.67E-03	3.54E-05	2.56E-02	3.13E-02
916	490486.72	3860935.12	0.39554	0.3972	0.45759	5.89E-03	2.80E-05	1.19E-02	0.01782	6.02E-03	2.76E-05	1.32E-02	0.019285	5.72E-03	3.50E-05	2.54E-02	3.12E-02
917	490536.72	3860935.12	0.38889	0.39607	0.4599	5.79E-03	2.80E-05	1.20E-02	0.017781	5.91E-03	2.75E-05	1.33E-02	0.01925	5.62E-03	3.49E-05	2.56E-02	3.12E-02
918	490586.72	3860935.12	0.39542	0.40396	0.44884	5.89E-03	2.85E-05	1.17E-02	0.017591	6.01E-03	2.81E-05	1.30E-02	0.01903	5.71E-03	3.56E-05	2.49E-02	3.07E-02
919	490636.72	3860935.12	0.37989	0.39608	0.43692	5.65E-03	2.80E-05	1.14E-02	0.017049	5.78E-03	2.75E-05	1.26E-02	0.018448	5.49E-03	3.49E-05	2.43E-02	2.98E-02
920	490686.72	3860935.12	0.36828	0.38542	0.43037	5.48E-03	2.72E-05	1.12E-02	0.016705	5.60E-03	2.68E-05	1.25E-02	0.018082	5.32E-03	3.40E-05	2.39E-02	2.93E-02
921	490736.72	3860935.12	0.35849	0.37836	0.4204	5.34E-03	2.67E-05	1.09E-02	0.0163	5.45E-03	2.63E-05	1.22E-02	0.017644	5.18E-03	3.34E-05	2.34E-02	2.86E-02
922	490786.72	3860935.12	0.36069	0.36952	0.4088	5.37E-03	2.61E-05	1.06E-02	0.01603	5.49E-03	2.57E-05	1.18E-02	0.017341	5.21E-03	3.26E-05	2.27E-02	2.80E-02
923	490836.72	3860935.12	0.36308	0.35985	0.41322	5.40E-03	2.54E-05	1.08E-02	0.01618	5.52E-03	2.50E-05	1.20E-02	0.017504	5.25E-03	3.18E-05	2.30E-02	2.82E-02
924	490086.72	3860985.12	0.38188	0.37954	0.43979	5.68E-03	2.68E-05	1.14E-02	0.017153	5.81E-03	2.64E-05	1.27E-02	0.018561	5.52E-03	3.35E-05	2.44E-02	3.00E-02
925	490136.72	3860985.12	0.37985	0.37801	0.4413	5.65E-03	2.67E-05	1.15E-02	0.017161	5.78E-03	2.63E-05	1.28E-02	0.018573	5.49E-03	3.34E-05	2.45E-02	3.00E-02
926	490186.72	3860985.12	0.38693	0.38695	0.45183	5.76E-03	2.73E-05	1.18E-02	0.017541	5.88E-03	2.69E-05	1.31E-02	0.018986	5.59E-03	3.41E-05	2.51E-02	3.07E-02
927	490236.72	3860985.12	0.38905	0.3963	0.46076	5.79E-03	2.80E-05	1.20E-02	0.017806	5.92E-03	2.75E-05	1.33E-02	0.019278	5.62E-03	3.50E-05	2.56E-02	3.13E-02
928	490286.72	3860985.12	0.39449	0.40248	0.46106	5.87E-03	2.84E-05	1.20E-02	0.017895	6.00E-03	2.80E-05	1.33E-02	0.01937	5.70E-03	3.55E-05	2.56E-02	3.14E-02
929	490336.72	3860985.12	0.39368	0.39854	0.45645	5.86E-03	2.81E-05	1.19E-02	0.017763	5.99E-03	2.77E-05	1.32E-02	0.019224	5.69E-03	3.52E-05	2.54E-02	3.11E-02
930	490386.72	3860985.12	0.39072	0.39306	0.45702	5.82E-03	2.78E-05	1.19E-02	0.017733	5.94E-03	2.73E-05	1.32E-02	0.019195	5.65E-03	3.47E-05	2.54E-02	3.11E-02
931	490436.72	3860985.12	0.39772	0.39403	0.45986	5.92E-03	2.78E-05	1.20E-02	0.017911	6.05E-03	2.74E-05	1.33E-02	0.019383	5.75E-03	3.48E-05	2.56E-02	3.13E-02
932	490486.72	3860985.12	0.38521	0.39414	0.45225	5.73E-03	2.78E-05	1.18E-02	0.017527	5.86E-03	2.74E-05	1.31E-02	0.018973	5.57E-03	3.48E-05	2.51E-02	3.07E-02
933	490536.72	3860985.12	0.38845	0.39043	0.44859	5.78E-03	2.76E-05	1.17E-02	0.01748	5.91E-03	2.71E-05	1.30E-02	0.018916	5.61E-03	3.44E-05	2.49E-02	3.06E-02
934	490586.72	3860985.12	0.38208	0.38875	0.45164	5.69E-03	2.74E-05	1.17E-02	0.017464	5.81E-03	2.70E-05	1.31E-02	0.018907	5.52E-03	3.43E-05	2.51E-02	3.07E-02
935	490636.72	3860985.12	0.38755	0.39633	0.44252	5.77E-03	2.80E-05	1.15E-02	0.017309	5.89E-03	2.75E-05	1.28E-02	0.018727	5.60E-03	3.50E-05	2.46E-02	3.02E-02
936	490686.72	3860985.12	0.37309	0.39114	0.43031	5.55E-03	2.76E-05	1.12E-02	0.016776	5.67E-03	2.72E-05	1.25E-02	0.018153	5.39E-03	3.45E-05	2.39E-02	2.93E-02

937	490736.72	3860985.12	0.36259	0.37988	0.42277	5.40E-03	2.68E-05	1.10E-02	0.016423	5.51E-03	2.64E-05	1.22E-02	0.017775	5.24E-03	3.35E-05	2.35E-02	2.88E-02
938	490786.72	3860985.12	0.35233	0.37102	0.41491	5.24E-03	2.62E-05	1.08E-02	0.016065	5.36E-03	2.58E-05	1.20E-02	0.017391	5.09E-03	3.27E-05	2.31E-02	2.82E-02
939	490836.72	3860985.12	0.35474	0.36431	0.40148	5.28E-03	2.57E-05	1.04E-02	0.015751	5.40E-03	2.53E-05	1.16E-02	0.017038	5.13E-03	3.21E-05	2.23E-02	2.75E-02
940	490086.72	3861035.12	0.37424	0.36651	0.42752	5.57E-03	2.59E-05	1.11E-02	0.016719	5.69E-03	2.55E-05	1.24E-02	0.018088	5.41E-03	3.23E-05	2.38E-02	2.92E-02
941	490136.72	3861035.12	0.37469	0.37405	0.43282	5.58E-03	2.64E-05	1.13E-02	0.016864	5.70E-03	2.60E-05	1.25E-02	0.018249	5.41E-03	3.30E-05	2.41E-02	2.95E-02
942	490186.72	3861035.12	0.3722	0.37157	0.43391	5.54E-03	2.62E-05	1.13E-02	0.016855	5.66E-03	2.58E-05	1.26E-02	0.018243	5.38E-03	3.28E-05	2.41E-02	2.95E-02
943	490236.72	3861035.12	0.37954	0.38073	0.44415	5.65E-03	2.69E-05	1.16E-02	0.017231	5.77E-03	2.65E-05	1.29E-02	0.018651	5.48E-03	3.36E-05	2.47E-02	3.02E-02
944	490286.72	3861035.12	0.3815	0.3903	0.45313	5.68E-03	2.76E-05	1.18E-02	0.017495	5.80E-03	2.71E-05	1.31E-02	0.018942	5.51E-03	3.44E-05	2.52E-02	3.07E-02
945	490336.72	3861035.12	0.38666	0.39592	0.45257	5.76E-03	2.80E-05	1.18E-02	0.017557	5.88E-03	2.75E-05	1.31E-02	0.019004	5.59E-03	3.49E-05	2.51E-02	3.08E-02
946	490386.72	3861035.12	0.38706	0.39256	0.44874	5.76E-03	2.77E-05	1.17E-02	0.017463	5.89E-03	2.73E-05	1.30E-02	0.018899	5.59E-03	3.46E-05	2.49E-02	3.06E-02
947	490436.72	3861035.12	0.38375	0.38757	0.44879	5.71E-03	2.74E-05	1.17E-02	0.017415	5.84E-03	2.69E-05	1.30E-02	0.01885	5.55E-03	3.42E-05	2.49E-02	3.05E-02
948	490486.72	3861035.12	0.38994	0.38732	0.45168	5.80E-03	2.73E-05	1.18E-02	0.017582	5.93E-03	2.69E-05	1.31E-02	0.019028	5.63E-03	3.42E-05	2.51E-02	3.08E-02
949	490536.72	3861035.12	0.37808	0.38769	0.44446	5.63E-03	2.74E-05	1.16E-02	0.017218	5.75E-03	2.69E-05	1.29E-02	0.018639	5.46E-03	3.42E-05	2.47E-02	3.02E-02
950	490586.72	3861035.12	0.38152	0.38395	0.4402	5.68E-03	2.71E-05	1.15E-02	0.017158	5.80E-03	2.67E-05	1.27E-02	0.018567	5.51E-03	3.39E-05	2.45E-02	3.00E-02
951	490636.72	3861035.12	0.37558	0.38228	0.44406	5.59E-03	2.70E-05	1.16E-02	0.01717	5.71E-03	2.66E-05	1.28E-02	0.018589	5.43E-03	3.37E-05	2.47E-02	3.01E-02
952	490686.72	3861035.12	0.37844	0.38894	0.43596	5.63E-03	2.75E-05	1.13E-02	0.017002	5.76E-03	2.70E-05	1.26E-02	0.018398	5.47E-03	3.43E-05	2.42E-02	2.97E-02
953	490736.72	3861035.12	0.36588	0.3861	0.42355	5.45E-03	2.73E-05	1.10E-02	0.016492	5.56E-03	2.68E-05	1.23E-02	0.017848	5.29E-03	3.41E-05	2.35E-02	2.89E-02
954	490786.72	3861035.12	0.35747	0.37479	0.41576	5.32E-03	2.65E-05	1.08E-02	0.016164	5.44E-03	2.60E-05	1.20E-02	0.017494	5.17E-03	3.31E-05	2.31E-02	2.83E-02
955	490836.72	3861035.12	0.34739	0.36364	0.40988	5.17E-03	2.57E-05	1.07E-02	0.01586	5.28E-03	2.53E-05	1.19E-02	0.017169	5.02E-03	3.21E-05	2.28E-02	2.78E-02
956	490086.72	3861085.12	0.36563	0.35381	0.41391	5.44E-03	2.50E-05	1.08E-02	0.016236	5.56E-03	2.46E-05	1.20E-02	0.017563	5.28E-03	3.12E-05	2.30E-02	2.83E-02
957	490136.72	3861085.12	0.36793	0.3619	0.42176	5.48E-03	2.56E-05	1.10E-02	0.016475	5.60E-03	2.52E-05	1.22E-02	0.017826	5.32E-03	3.19E-05	2.34E-02	2.88E-02
958	490186.72	3861085.12	0.36865	0.36949	0.42725	5.49E-03	2.61E-05	1.11E-02	0.016629	5.61E-03	2.57E-05	1.24E-02	0.017996	5.33E-03	3.26E-05	2.37E-02	2.91E-02
959	490236.72	3861085.12	0.36567	0.3659	0.42738	5.44E-03	2.58E-05	1.11E-02	0.016587	5.56E-03	2.54E-05	1.24E-02	0.017954	5.28E-03	3.23E-05	2.37E-02	2.91E-02
960	490286.72	3861085.12	0.37245	0.37491	0.43708	5.54E-03	2.65E-05	1.14E-02	0.016941	5.66E-03	2.61E-05	1.26E-02	0.018338	5.38E-03	3.31E-05	2.43E-02	2.97E-02
961	490336.72	3861085.12	0.3745	0.38469	0.44575	5.57E-03	2.72E-05	1.16E-02	0.017198	5.70E-03	2.67E-05	1.29E-02	0.018621	5.41E-03	3.39E-05	2.48E-02	3.02E-02
962	490386.72	3861085.12	0.38014	0.39042	0.44556	5.66E-03	2.76E-05	1.16E-02	0.017278	5.78E-03	2.71E-05	1.29E-02	0.018702	5.49E-03	3.44E-05	2.48E-02	3.03E-02
963	490436.72	3861085.12	0.3806	0.38671	0.441	5.67E-03	2.73E-05	1.15E-02	0.017165	5.79E-03	2.69E-05	1.28E-02	0.018577	5.50E-03	3.41E-05	2.45E-02	3.00E-02
964	490486.72	3861085.12	0.37614	0.38144	0.43934	5.60E-03	2.69E-05	1.14E-02	0.017056	5.72E-03	2.65E-05	1.27E-02	0.01846	5.44E-03	3.37E-05	2.44E-02	2.99E-02
965	490536.72	3861085.12	0.38176	0.38042	0.44376	5.68E-03	2.69E-05	1.15E-02	0.017254	5.81E-03	2.64E-05	1.28E-02	0.018674	5.52E-03	3.36E-05	2.47E-02	3.02E-02
966	490586.72	3861085.12	0.37115	0.38139	0.43624	5.52E-03	2.69E-05	1.13E-02	0.016901	5.64E-03	2.65E-05	1.26E-02	0.018295	5.36E-03	3.37E-05	2.42E-02	2.96E-02
967	490636.72	3861085.12	0.37415	0.37732	0.43277	5.57E-03	2.66E-05	1.13E-02	0.016855	5.69E-03	2.62E-05	1.25E-02	0.01824	5.41E-03	3.33E-05	2.40E-02	2.95E-02
968	490686.72	3861085.12	0.36894	0.37571	0.43634	5.49E-03	2.65E-05	1.14E-02	0.01687	5.61E-03	2.61E-05	1.26E-02	0.018264	5.33E-03	3.32E-05	2.42E-02	2.96E-02
969	490736.72	3861085.12	0.36946	0.38185	0.42994	5.50E-03	2.70E-05	1.12E-02	0.016712	5.62E-03	2.65E-05	1.24E-02	0.018087	5.34E-03	3.37E-05	2.39E-02	2.93E-02
970	490786.72	3861085.12	0.36	0.38101	0.41747	5.36E-03	2.69E-05	1.09E-02	0.016246	5.48E-03	2.65E-05	1.21E-02	0.017582	5.20E-03	3.36E-05	2.32E-02	2.84E-02
971	490836.72	3861085.12	0.35255	0.3698	0.40861	5.25E-03	2.61E-05	1.06E-02	0.015904	5.36E-03	2.57E-05	1.18E-02	0.017212	5.09E-03	3.26E-05	2.27E-02	2.78E-02
972	490086.72	3861135.12	0.35608	0.34868	0.4093	5.30E-03	2.46E-05	1.06E-02	0.015973	5.42E-03	2.42E-05	1.18E-02	0.017284	5.15E-03	3.08E-05	2.27E-02	2.79E-02
973	490136.72	3861135.12	0.35944	0.34913	0.40769	5.35E-03	2.47E-05	1.06E-02	0.015981	5.47E-03	2.43E-05	1.18E-02	0.017288	5.19E-03	3.08E-05	2.27E-02	2.79E-02
974	490186.72	3861135.12	0.36182	0.35716	0.41562	5.39E-03	2.52E-05	1.08E-02	0.016224	5.50E-03	2.48E-05	1.20E-02	0.017555	5.23E-03	3.15E-05	2.31E-02	2.84E-02
975	490236.72	3861135.12	0.36206	0.36362	0.42044	5.39E-03	2.57E-05	1.09E-02	0.016353	5.51E-03	2.53E-05	1.22E-02	0.017698	5.23E-03	3.21E-05	2.34E-02	2.86E-02
976	490286.72	3861135.12	0.35892	0.3601	0.42058	5.34E-03	2.54E-05	1.09E-02	0.01631	5.46E-03	2.50E-05	1.22E-02	0.017654	5.19E-03	3.18E-05	2.34E-02	2.86E-02
977	490336.72	3861135.12	0.36605	0.36934	0.43045	5.45E-03	2.61E-05	1.12E-02	0.016673	5.57E-03	2.57E-05	1.25E-02	0.018049	5.29E-03	3.26E-05	2.39E-02	2.92E-02
978	490386.72	3861135.12	0.36802	0.37929	0.43909	5.48E-03	2.68E-05	1.14E-02	0.016928	5.60E-03	2.64E-05	1.27E-02	0.01833	5.32E-03	3.35E-05	2.44E-02	2.97E-02
979	490436.72	3861135.12	0.37326	0.38442	0.43798	5.56E-03	2.71E-05	1.14E-02	0.016977	5.68E-03	2.67E-05	1.27E-02	0.018378	5.39E-03	3.39E-05	2.43E-02	2.98E-02
980	490486.72	3861135.12	0.37419	0.38087	0.43306	5.57E-03	2.69E-05	1.13E-02	0.016863	5.69E-03	2.65E-05	1.25E-02	0.018249	5.41E-03	3.36E-05	2.41E-02	2.95E-02
981	490536.72	3861135.12	0.36976	0.37577	0.43152	5.50E-03	2.65E-05	1.12E-02	0.016757	5.62E-03	2.61E-05	1.25E-02	0.018137	5.34E-03	3.32E-05	2.40E-02	2.94E-02
982	490586.72	3861135.12	0.37296	0.37323	0.43499	5.55E-03	2.64E-05	1.13E-02	0.016894	5.67E-03	2.59E-05	1.26E-02	0.018286	5.39E-03	3.29E-05	2.42E-02	2.96E-02
983	490636.72	3861135.12	0.36437	0.37468	0.42755	5.42E-03	2.65E-05	1.11E-02	0.016573	5.54E-03	2.60E-05	1.24E-02	0.01794	5.27E-03	3.31E-05	2.38E-02	2.91E-02

984	490686.72	3861135.12	0.36729	0.37119	0.42599	5.47E-03	2.62E-05	1.11E-02	0.016576	5.59E-03	2.58E-05	1.23E-02	0.017939	5.31E-03	3.28E-05	2.37E-02	2.90E-02
985	490736.72	3861135.12	0.36312	0.36995	0.42959	5.40E-03	2.61E-05	1.12E-02	0.016607	5.52E-03	2.57E-05	1.24E-02	0.01798	5.25E-03	3.26E-05	2.39E-02	2.92E-02
986	490786.72	3861135.12	0.36082	0.37537	0.42462	5.37E-03	2.65E-05	1.10E-02	0.016444	5.49E-03	2.61E-05	1.23E-02	0.017801	5.21E-03	3.31E-05	2.36E-02	2.88E-02
987	490836.72	3861135.12	0.35506	0.37633	0.41162	5.29E-03	2.66E-05	1.07E-02	0.01602	5.40E-03	2.62E-05	1.19E-02	0.017337	5.13E-03	3.32E-05	2.29E-02	2.80E-02
988	490086.72	3861185.12	0.34558	0.34232	0.40175	5.14E-03	2.42E-05	1.05E-02	0.01562	5.26E-03	2.38E-05	1.16E-02	0.016905	4.99E-03	3.02E-05	2.23E-02	2.73E-02
989	490136.72	3861185.12	0.34993	0.34276	0.40144	5.21E-03	2.42E-05	1.04E-02	0.015677	5.32E-03	2.38E-05	1.16E-02	0.016962	5.06E-03	3.02E-05	2.23E-02	2.74E-02
990	490186.72	3861185.12	0.35298	0.3441	0.4009	5.25E-03	2.43E-05	1.04E-02	0.015708	5.37E-03	2.39E-05	1.16E-02	0.016993	5.10E-03	3.04E-05	2.23E-02	2.74E-02
991	490236.72	3861185.12	0.35475	0.35167	0.40845	5.28E-03	2.48E-05	1.06E-02	0.015931	5.40E-03	2.44E-05	1.18E-02	0.017239	5.13E-03	3.10E-05	2.27E-02	2.79E-02
992	490286.72	3861185.12	0.35561	0.35792	0.41385	5.29E-03	2.53E-05	1.08E-02	0.016085	5.41E-03	2.49E-05	1.20E-02	0.017409	5.14E-03	3.16E-05	2.30E-02	2.82E-02
993	490336.72	3861185.12	0.35191	0.35406	0.41238	5.24E-03	2.50E-05	1.07E-02	0.015992	5.35E-03	2.46E-05	1.19E-02	0.01731	5.09E-03	3.12E-05	2.29E-02	2.80E-02
994	490386.72	3861185.12	0.35938	0.36334	0.42321	5.35E-03	2.57E-05	1.10E-02	0.016385	5.47E-03	2.53E-05	1.22E-02	0.017738	5.19E-03	3.21E-05	2.35E-02	2.87E-02
995	490436.72	3861185.12	0.36119	0.37346	0.43202	5.38E-03	2.64E-05	1.12E-02	0.016642	5.49E-03	2.60E-05	1.25E-02	0.018021	5.22E-03	3.30E-05	2.40E-02	2.93E-02
996	490486.72	3861185.12	0.36644	0.37841	0.43051	5.45E-03	2.67E-05	1.12E-02	0.016681	5.57E-03	2.63E-05	1.25E-02	0.018057	5.30E-03	3.34E-05	2.39E-02	2.93E-02
997	490536.72	3861185.12	0.36829	0.37563	0.42632	5.48E-03	2.65E-05	1.11E-02	0.0166	5.60E-03	2.61E-05	1.23E-02	0.017964	5.32E-03	3.31E-05	2.37E-02	2.90E-02
998	490586.72	3861185.12	0.36357	0.37003	0.42428	5.41E-03	2.61E-05	1.10E-02	0.016476	5.53E-03	2.57E-05	1.23E-02	0.017833	5.25E-03	3.26E-05	2.36E-02	2.89E-02
999	490636.72	3861185.12	0.36427	0.36607	0.42633	5.42E-03	2.58E-05	1.11E-02	0.016539	5.54E-03	2.54E-05	1.23E-02	0.017902	5.26E-03	3.23E-05	2.37E-02	2.90E-02
1000	490686.72	3861185.12	0.3579	0.36794	0.41964	5.33E-03	2.60E-05	1.09E-02	0.016271	5.44E-03	2.56E-05	1.21E-02	0.017612	5.17E-03	3.25E-05	2.33E-02	2.85E-02
1001	490736.72	3861185.12	0.3609	0.36554	0.41948	5.37E-03	2.58E-05	1.09E-02	0.016311	5.49E-03	2.54E-05	1.21E-02	0.017653	5.22E-03	3.23E-05	2.33E-02	2.86E-02
1002	490786.72	3861185.12	0.35755	0.36445	0.42313	5.32E-03	2.57E-05	1.10E-02	0.016356	5.44E-03	2.53E-05	1.22E-02	0.017707	5.17E-03	3.22E-05	2.35E-02	2.87E-02
1003	490836.72	3861185.12	0.35292	0.36909	0.41909	5.25E-03	2.61E-05	1.09E-02	0.016182	5.37E-03	2.57E-05	1.21E-02	0.01752	5.10E-03	3.26E-05	2.33E-02	2.84E-02
1004	490086.72	3861235.12	0.33573	0.33751	0.38752	5.00E-03	2.38E-05	1.01E-02	0.015103	5.11E-03	2.35E-05	1.12E-02	0.016343	4.85E-03	2.98E-05	2.15E-02	2.64E-02
1005	490136.72	3861235.12	0.33988	0.33704	0.39495	5.06E-03	2.38E-05	1.03E-02	0.015358	5.17E-03	2.34E-05	1.14E-02	0.016621	4.91E-03	2.97E-05	2.19E-02	2.69E-02
1006	490186.72	3861235.12	0.34419	0.33748	0.39366	5.12E-03	2.38E-05	1.02E-02	0.015388	5.23E-03	2.35E-05	1.14E-02	0.01665	4.97E-03	2.98E-05	2.19E-02	2.69E-02
1007	490236.72	3861235.12	0.34711	0.3393	0.39447	5.17E-03	2.40E-05	1.03E-02	0.015453	5.28E-03	2.36E-05	1.14E-02	0.016718	5.02E-03	2.99E-05	2.19E-02	2.70E-02
1008	490386.72	3861235.12	0.34558	0.34843	0.40464	5.14E-03	2.46E-05	1.05E-02	0.015696	5.26E-03	2.42E-05	1.17E-02	0.016989	4.99E-03	3.07E-05	2.25E-02	2.75E-02
1009	490436.72	3861235.12	0.35273	0.35754	0.41575	5.25E-03	2.52E-05	1.08E-02	0.016092	5.36E-03	2.48E-05	1.20E-02	0.01742	5.10E-03	3.15E-05	2.31E-02	2.82E-02
1010	490486.72	3861235.12	0.35404	0.36658	0.42386	5.27E-03	2.59E-05	1.10E-02	0.016323	5.38E-03	2.55E-05	1.23E-02	0.017675	5.12E-03	3.23E-05	2.36E-02	2.87E-02
1011	490536.72	3861235.12	0.36017	0.37299	0.42387	5.36E-03	2.63E-05	1.10E-02	0.016415	5.48E-03	2.59E-05	1.23E-02	0.017769	5.20E-03	3.29E-05	2.36E-02	2.88E-02
1012	490586.72	3861235.12	0.36201	0.37022	0.41956	5.39E-03	2.61E-05	1.09E-02	0.01633	5.51E-03	2.57E-05	1.21E-02	0.017672	5.23E-03	3.27E-05	2.33E-02	2.86E-02
1013	490636.72	3861235.12	0.35637	0.36338	0.41587	5.30E-03	2.57E-05	1.08E-02	0.016149	5.42E-03	2.53E-05	1.20E-02	0.017479	5.15E-03	3.21E-05	2.31E-02	2.83E-02
1014	490686.72	3861235.12	0.35633	0.35955	0.41818	5.30E-03	2.54E-05	1.09E-02	0.016209	5.42E-03	2.50E-05	1.21E-02	0.017545	5.15E-03	3.17E-05	2.32E-02	2.84E-02
1015	490736.72	3861235.12	0.3519	0.36259	0.41273	5.24E-03	2.56E-05	1.07E-02	0.016001	5.35E-03	2.52E-05	1.19E-02	0.01732	5.09E-03	3.20E-05	2.29E-02	2.81E-02
1016	490786.72	3861235.12	0.35455	0.36023	0.41255	5.28E-03	2.54E-05	1.07E-02	0.016036	5.39E-03	2.50E-05	1.19E-02	0.017355	5.12E-03	3.18E-05	2.29E-02	2.81E-02
1017	490836.72	3861235.12	0.35207	0.35904	0.41619	5.24E-03	2.54E-05	1.08E-02	0.016093	5.35E-03	2.50E-05	1.20E-02	0.017423	5.09E-03	3.17E-05	2.31E-02	2.82E-02
1018	490086.72	3861285.12	0.32709	0.33072	0.3825	4.87E-03	2.34E-05	9.95E-03	0.014843	4.97E-03	2.30E-05	1.11E-02	0.016066	4.73E-03	2.92E-05	2.13E-02	2.60E-02
1019	490136.72	3861285.12	0.33092	0.33353	0.38274	4.93E-03	2.35E-05	9.96E-03	0.014907	5.03E-03	2.32E-05	1.11E-02	0.016132	4.78E-03	2.94E-05	2.13E-02	2.61E-02
1020	490186.72	3861285.12	0.33505	0.33274	0.38926	4.99E-03	2.35E-05	1.01E-02	0.015138	5.10E-03	2.31E-05	1.13E-02	0.016383	4.84E-03	2.94E-05	2.16E-02	2.65E-02
1021	490236.72	3861285.12	0.33867	0.33214	0.38632	5.04E-03	2.35E-05	1.01E-02	0.015115	5.15E-03	2.31E-05	1.12E-02	0.016353	4.89E-03	2.93E-05	2.15E-02	2.64E-02
1022	490386.72	3861285.12	0.34151	0.34442	0.39961	5.08E-03	2.43E-05	1.04E-02	0.015504	5.19E-03	2.39E-05	1.16E-02	0.016782	4.93E-03	3.04E-05	2.22E-02	2.72E-02
1023	490436.72	3861285.12	0.34005	0.34356	0.39852	5.06E-03	2.43E-05	1.04E-02	0.015454	5.17E-03	2.39E-05	1.15E-02	0.016728	4.91E-03	3.03E-05	2.21E-02	2.71E-02
1024	490486.72	3861285.12	0.34676	0.35262	0.40928	5.16E-03	2.49E-05	1.06E-02	0.015834	5.27E-03	2.45E-05	1.18E-02	0.017142	5.01E-03	3.11E-05	2.27E-02	2.78E-02
1025	490536.72	3861285.12	0.34811	0.36099	0.41748	5.18E-03	2.55E-05	1.09E-02	0.016068	5.29E-03	2.51E-05	1.21E-02	0.0174	5.03E-03	3.19E-05	2.32E-02	2.83E-02
1026	490586.72	3861285.12	0.35337	0.36678	0.41659	5.26E-03	2.59E-05	1.08E-02	0.016124	5.37E-03	2.55E-05	1.21E-02	0.017455	5.11E-03	3.24E-05	2.31E-02	2.83E-02
1027	490636.72	3861285.12	0.35398	0.36299	0.41082	5.27E-03	2.56E-05	1.07E-02	0.015982	5.38E-03	2.52E-05	1.19E-02	0.017297	5.12E-03	3.20E-05	2.28E-02	2.80E-02
1028	490686.72	3861285.12	0.34986	0.3575	0.40844	5.21E-03	2.52E-05	1.06E-02	0.015859	5.32E-03	2.48E-05	1.18E-02	0.017165	5.06E-03	3.15E-05	2.27E-02	2.78E-02
1029	490736.72	3861285.12	0.34963	0.35407	0.41114	5.20E-03	2.50E-05	1.07E-02	0.015925	5.32E-03	2.46E-05	1.19E-02	0.017239	5.05E-03	3.12E-05	2.28E-02	2.79E-02
1030	490786.72	3861285.12	0.34593	0.35729	0.40583	5.15E-03	2.52E-05	1.06E-02	0.015732	5.26E-03	2.48E-05	1.17E-02	0.01703	5.00E-03	3.15E-05	2.26E-02	2.76E-02

1031	490836.72	3861285.12	0.34729	0.35422	0.40468	5.17E-03	2.50E-05	1.05E-02	0.015722	5.28E-03	2.46E-05	1.17E-02	0.017017	5.02E-03	3.13E-05	2.25E-02	2.75E-02
1032	490061.24	3859716.13	0.63305	0.53131	0.66589	9.42E-03	3.75E-05	1.73E-02	0.026784	9.63E-03	3.69E-05	1.93E-02	0.028934	9.15E-03	4.69E-05	3.70E-02	4.62E-02
1033	490111.24	3859716.13	0.62611	0.53107	0.66874	9.32E-03	3.75E-05	1.74E-02	0.026755	9.52E-03	3.69E-05	1.94E-02	0.028911	9.05E-03	4.69E-05	3.72E-02	4.63E-02
1034	490161.24	3859716.13	0.62892	0.5383	0.68294	9.36E-03	3.80E-05	1.78E-02	0.027167	9.57E-03	3.74E-05	1.98E-02	0.029365	9.09E-03	4.75E-05	3.79E-02	4.71E-02
1035	490211.24	3859716.13	0.61992	0.5359	0.67336	9.23E-03	3.78E-05	1.75E-02	0.026783	9.43E-03	3.72E-05	1.95E-02	0.028951	8.96E-03	4.73E-05	3.74E-02	4.64E-02
1036	490061.24	3859766.13	0.62279	0.52125	0.6663	9.27E-03	3.68E-05	1.73E-02	0.026641	9.47E-03	3.62E-05	1.93E-02	0.028789	9.00E-03	4.60E-05	3.70E-02	4.61E-02
1037	490111.24	3859766.13	0.61314	0.51774	0.65666	9.13E-03	3.66E-05	1.71E-02	0.026247	9.33E-03	3.60E-05	1.90E-02	0.028363	8.86E-03	4.57E-05	3.65E-02	4.54E-02
1038	490161.24	3859766.13	0.60209	0.51567	0.64047	8.96E-03	3.64E-05	1.67E-02	0.025661	9.16E-03	3.58E-05	1.85E-02	0.027726	8.70E-03	4.55E-05	3.56E-02	4.43E-02
1039	490211.24	3859766.13	0.60214	0.51812	0.65342	8.96E-03	3.66E-05	1.70E-02	0.025999	9.16E-03	3.60E-05	1.89E-02	0.028102	8.70E-03	4.57E-05	3.63E-02	4.51E-02
1040	490061.24	3859816.13	0.60169	0.51005	0.6652	8.96E-03	3.60E-05	1.73E-02	0.026298	9.15E-03	3.54E-05	1.92E-02	0.028436	8.69E-03	4.50E-05	3.70E-02	4.57E-02
1041	490111.24	3859816.13	0.6067	0.50747	0.64913	9.03E-03	3.58E-05	1.69E-02	0.025954	9.23E-03	3.53E-05	1.88E-02	0.028047	8.77E-03	4.48E-05	3.61E-02	4.49E-02
1042	490161.24	3859816.13	0.5948	0.50146	0.64248	8.85E-03	3.54E-05	1.67E-02	0.025604	9.05E-03	3.49E-05	1.86E-02	0.027673	8.59E-03	4.42E-05	3.57E-02	4.43E-02
1043	490211.24	3859816.13	0.58626	0.50498	0.62386	8.73E-03	3.57E-05	1.62E-02	0.024992	8.92E-03	3.51E-05	1.81E-02	0.027004	8.47E-03	4.46E-05	3.47E-02	4.32E-02
1044	490061.24	3859866.13	0.57717	0.52998	0.6219	8.59E-03	3.74E-05	1.62E-02	0.024808	8.78E-03	3.68E-05	1.80E-02	0.026811	8.34E-03	4.68E-05	3.46E-02	4.29E-02
1045	490111.24	3859866.13	0.57647	0.50179	0.63985	8.58E-03	3.54E-05	1.66E-02	0.025262	8.77E-03	3.49E-05	1.85E-02	0.027318	8.33E-03	4.43E-05	3.56E-02	4.39E-02
1046	490161.24	3859866.13	0.58603	0.49613	0.64054	8.72E-03	3.50E-05	1.67E-02	0.025422	8.91E-03	3.45E-05	1.85E-02	0.027483	8.47E-03	4.38E-05	3.56E-02	4.41E-02
1047	490211.24	3859866.13	0.57963	0.49211	0.62635	8.63E-03	3.47E-05	1.63E-02	0.024957	8.82E-03	3.42E-05	1.81E-02	0.026975	8.38E-03	4.34E-05	3.48E-02	4.32E-02
1048	490061.24	3859916.13	0.56656	0.50715	0.61955	8.43E-03	3.58E-05	1.61E-02	0.024587	8.62E-03	3.52E-05	1.79E-02	0.02658	8.19E-03	4.47E-05	3.44E-02	4.27E-02
1049	490111.24	3859916.13	0.56396	0.51688	0.59969	8.39E-03	3.65E-05	1.56E-02	0.024032	8.58E-03	3.59E-05	1.74E-02	0.025966	8.15E-03	4.56E-05	3.33E-02	4.15E-02
1050	490161.24	3859916.13	0.55444	0.49741	0.61284	8.25E-03	3.51E-05	1.59E-02	0.024231	8.43E-03	3.46E-05	1.77E-02	0.026201	8.01E-03	4.39E-05	3.41E-02	4.21E-02
1051	490211.24	3859916.13	0.56203	0.48475	0.62086	8.37E-03	3.42E-05	1.62E-02	0.024552	8.55E-03	3.37E-05	1.80E-02	0.026548	8.12E-03	4.28E-05	3.45E-02	4.27E-02
1052	490229.25	3859815.26	0.58329	0.50248	0.61967	8.68E-03	3.55E-05	1.61E-02	0.024839	8.87E-03	3.49E-05	1.79E-02	0.026838	8.43E-03	4.43E-05	3.44E-02	4.29E-02
1053	490279.25	3859815.26	0.57915	0.50293	0.63213	8.62E-03	3.55E-05	1.64E-02	0.025101	8.81E-03	3.50E-05	1.83E-02	0.027135	8.37E-03	4.44E-05	3.51E-02	4.35E-02
1054	490329.25	3859815.26	0.58506	0.513	0.64245	8.71E-03	3.62E-05	1.67E-02	0.025459	8.90E-03	3.57E-05	1.86E-02	0.027524	8.45E-03	4.53E-05	3.57E-02	4.42E-02
1055	490379.25	3859815.26	0.57447	0.50983	0.63319	8.55E-03	3.60E-05	1.65E-02	0.02506	8.74E-03	3.54E-05	1.83E-02	0.027095	8.30E-03	4.50E-05	3.52E-02	4.35E-02
1056	490429.25	3859815.26	0.55685	0.50001	0.6341	8.29E-03	3.53E-05	1.65E-02	0.024821	8.47E-03	3.48E-05	1.83E-02	0.026853	8.05E-03	4.41E-05	3.52E-02	4.33E-02
1057	490229.25	3859865.26	0.57563	0.48974	0.62461	8.57E-03	3.46E-05	1.62E-02	0.024853	8.75E-03	3.40E-05	1.81E-02	0.026863	8.32E-03	4.32E-05	3.47E-02	4.31E-02
1058	490279.25	3859865.26	0.56671	0.49306	0.60869	8.44E-03	3.48E-05	1.58E-02	0.024306	8.62E-03	3.43E-05	1.76E-02	0.026267	8.19E-03	4.35E-05	3.38E-02	4.21E-02
1059	490329.25	3859865.26	0.55448	0.48563	0.60682	8.25E-03	3.43E-05	1.58E-02	0.024075	8.43E-03	3.38E-05	1.76E-02	0.026026	8.01E-03	4.28E-05	3.37E-02	4.18E-02
1060	490379.25	3859865.26	0.56276	0.49803	0.61869	8.38E-03	3.52E-05	1.61E-02	0.024508	8.56E-03	3.46E-05	1.79E-02	0.026497	8.13E-03	4.39E-05	3.44E-02	4.26E-02
1061	490429.25	3859865.26	0.56823	0.49769	0.62056	8.46E-03	3.51E-05	1.61E-02	0.024638	8.64E-03	3.46E-05	1.80E-02	0.026634	8.21E-03	4.39E-05	3.45E-02	4.27E-02
1062	490229.25	3859915.26	0.56583	0.48341	0.62105	8.42E-03	3.41E-05	1.62E-02	0.024614	8.61E-03	3.36E-05	1.80E-02	0.026611	8.18E-03	4.27E-05	3.45E-02	4.27E-02
1063	490279.25	3859915.26	0.56156	0.48002	0.60752	8.36E-03	3.39E-05	1.58E-02	0.024198	8.54E-03	3.34E-05	1.76E-02	0.026154	8.11E-03	4.24E-05	3.38E-02	4.19E-02
1064	490329.25	3859915.26	0.55321	0.48087	0.60058	8.23E-03	3.40E-05	1.56E-02	0.023893	8.41E-03	3.34E-05	1.74E-02	0.025826	7.99E-03	4.24E-05	3.34E-02	4.14E-02
1065	490379.25	3859915.26	0.5415	0.47551	0.58317	8.06E-03	3.36E-05	1.52E-02	0.023265	8.24E-03	3.30E-05	1.69E-02	0.025144	7.82E-03	4.20E-05	3.24E-02	4.03E-02
1066	490429.25	3859915.26	0.53494	0.47837	0.59496	7.96E-03	3.38E-05	1.55E-02	0.023475	8.14E-03	3.32E-05	1.72E-02	0.025386	7.73E-03	4.22E-05	3.31E-02	4.08E-02
1067	490451.43	3859872.59	0.56242	0.49649	0.61527	8.37E-03	3.51E-05	1.60E-02	0.024413	8.55E-03	3.45E-05	1.78E-02	0.026392	8.13E-03	4.38E-05	3.42E-02	4.24E-02
1068	490501.43	3859872.59	0.54101	0.49106	0.61021	8.05E-03	3.47E-05	1.59E-02	0.023963	8.23E-03	3.41E-05	1.77E-02	0.02592	7.82E-03	4.33E-05	3.39E-02	4.18E-02
1069	490551.43	3859872.59	0.53062	0.47759	0.61031	7.90E-03	3.37E-05	1.59E-02	0.02381	8.07E-03	3.32E-05	1.77E-02	0.025764	7.67E-03	4.21E-05	3.39E-02	4.16E-02
1070	490601.43	3859872.59	0.531	0.48229	0.61698	7.90E-03	3.41E-05	1.61E-02	0.023989	8.08E-03	3.35E-05	1.79E-02	0.025963	7.67E-03	4.26E-05	3.43E-02	4.20E-02
1071	490451.43	3859922.59	0.53464	0.48002	0.59489	7.96E-03	3.39E-05	1.55E-02	0.023468	8.13E-03	3.34E-05	1.72E-02	0.025379	7.73E-03	4.24E-05	3.31E-02	4.08E-02
1072	490501.43	3859922.59	0.54417	0.48494	0.6056	8.10E-03	3.42E-05	1.58E-02	0.023889	8.28E-03	3.37E-05	1.75E-02	0.025834	7.86E-03	4.28E-05	3.37E-02	4.16E-02
1073	490551.43	3859922.59	0.53726	0.48522	0.59758	8.00E-03	3.43E-05	1.55E-02	0.023578	8.17E-03	3.37E-05	1.73E-02	0.025497	7.76E-03	4.28E-05	3.32E-02	4.10E-02
1074	490601.43	3859922.59	0.52119	0.47439	0.59018	7.76E-03	3.35E-05	1.54E-02	0.023145	7.93E-03	3.30E-05	1.71E-02	0.025038	7.53E-03	4.19E-05	3.28E-02	4.04E-02
1075	482129.67	3852241.07	0.35569	0.55207	0.39655	5.29E-03	3.90E-05	1.03E-02	0.01565	5.41E-03	3.84E-05	1.15E-02	0.016923	5.14E-03	4.87E-05	2.20E-02	2.72E-02
1076	482029.67	3852291.07	0.41706	0.55939	0.43782	6.21E-03	3.95E-05	1.14E-02	0.017638	6.34E-03	3.89E-05	1.27E-02	0.019051	6.03E-03	4.94E-05	2.43E-02	3.04E-02
1077	482079.67	3852291.07	0.39986	0.5569	0.42545	5.95E-03	3.93E-05	1.11E-02	0.01706	6.08E-03	3.87E-05	1.23E-02	0.018431	5.78E-03	4.91E-05	2.36E-02	2.95E-02

1078	482129.67	3852291.07	0.38007	0.58481	0.41636	5.66E-03	4.13E-05	1.08E-02	0.016531	5.78E-03	4.06E-05	1.20E-02	0.017869	5.49E-03	5.16E-05	2.31E-02	2.87E-02
1079	482179.67	3852291.07	0.35916	0.57051	0.39618	5.35E-03	4.03E-05	1.03E-02	0.015693	5.46E-03	3.97E-05	1.15E-02	0.016966	5.19E-03	5.03E-05	2.20E-02	2.73E-02
1080	482229.67	3852291.07	0.33982	0.59143	0.38049	5.06E-03	4.18E-05	9.90E-03	0.014999	5.17E-03	4.11E-05	1.10E-02	0.01622	4.91E-03	5.22E-05	2.11E-02	2.61E-02
1081	482029.67	3852341.07	0.43037	0.58006	0.45857	6.41E-03	4.10E-05	1.19E-02	0.018377	6.55E-03	4.03E-05	1.33E-02	0.019856	6.22E-03	5.12E-05	2.55E-02	3.18E-02
1082	482079.67	3852341.07	0.41895	0.5689	0.4406	6.24E-03	4.02E-05	1.15E-02	0.017739	6.37E-03	3.95E-05	1.27E-02	0.019161	6.05E-03	5.02E-05	2.45E-02	3.06E-02
1083	482129.67	3852341.07	0.40046	0.59356	0.43065	5.96E-03	4.19E-05	1.12E-02	0.017206	6.09E-03	4.13E-05	1.25E-02	0.018594	5.79E-03	5.24E-05	2.39E-02	2.98E-02
1084	482179.67	3852341.07	0.38106	0.57846	0.425	5.67E-03	4.08E-05	1.11E-02	0.01677	5.80E-03	4.02E-05	1.23E-02	0.018134	5.51E-03	5.10E-05	2.36E-02	2.92E-02
1085	482259.06	3852400.14	0.37021	0.6095	0.41801	5.51E-03	4.30E-05	1.09E-02	0.016428	5.63E-03	4.24E-05	1.21E-02	0.017769	5.35E-03	5.38E-05	2.32E-02	2.86E-02
1086	482309.06	3852400.14	0.35281	0.62578	0.40614	5.25E-03	4.42E-05	1.06E-02	0.015862	5.37E-03	4.35E-05	1.18E-02	0.017162	5.10E-03	5.52E-05	2.26E-02	2.77E-02
1087	482209.06	3852450.14	0.40811	0.6256	0.45266	6.07E-03	4.42E-05	1.18E-02	0.017895	6.21E-03	4.35E-05	1.31E-02	0.019349	5.90E-03	5.52E-05	2.52E-02	3.11E-02
1088	482259.06	3852450.14	0.3924	0.60953	0.44081	5.84E-03	4.30E-05	1.15E-02	0.017352	5.97E-03	4.24E-05	1.28E-02	0.018766	5.67E-03	5.38E-05	2.45E-02	3.02E-02
1089	482309.06	3852450.14	0.37224	0.64425	0.42294	5.54E-03	4.55E-05	1.10E-02	0.016589	5.66E-03	4.48E-05	1.22E-02	0.017945	5.38E-03	5.68E-05	2.35E-02	2.89E-02
1090	482209.06	3852500.14	0.42928	0.62217	0.46433	6.39E-03	4.39E-05	1.21E-02	0.018514	6.53E-03	4.32E-05	1.34E-02	0.020009	6.20E-03	5.49E-05	2.58E-02	3.21E-02
1091	482259.06	3852500.14	0.4107	0.63998	0.46107	6.11E-03	4.52E-05	1.20E-02	0.018154	6.25E-03	4.45E-05	1.33E-02	0.019633	5.93E-03	5.65E-05	2.56E-02	3.16E-02
1092	482309.06	3852500.14	0.39666	0.64282	0.44426	5.90E-03	4.54E-05	1.16E-02	0.017507	6.03E-03	4.47E-05	1.29E-02	0.018933	5.73E-03	5.67E-05	2.47E-02	3.05E-02
1093	482283.91	3852513.62	0.4109	0.63474	0.45897	6.12E-03	4.48E-05	1.19E-02	0.018101	6.25E-03	4.41E-05	1.33E-02	0.019575	5.94E-03	5.60E-05	2.55E-02	3.15E-02
1094	482333.91	3852513.62	0.39217	0.65164	0.44074	5.84E-03	4.60E-05	1.15E-02	0.01735	5.96E-03	4.53E-05	1.28E-02	0.018764	5.67E-03	5.75E-05	2.45E-02	3.02E-02
1095	482283.91	3852563.62	0.4272	0.66632	0.47536	6.36E-03	4.70E-05	1.24E-02	0.018773	6.50E-03	4.63E-05	1.38E-02	0.020299	6.17E-03	5.88E-05	2.64E-02	3.26E-02
1096	482333.91	3852563.62	0.41254	0.66284	0.46104	6.14E-03	4.68E-05	1.20E-02	0.018182	6.27E-03	4.61E-05	1.33E-02	0.019662	5.96E-03	5.85E-05	2.56E-02	3.16E-02
1097	482383.91	3852563.62	0.39285	0.67784	0.44321	5.85E-03	4.79E-05	1.15E-02	0.017426	5.97E-03	4.71E-05	1.28E-02	0.018847	5.68E-03	5.98E-05	2.46E-02	3.04E-02
1098	482283.91	3852613.62	0.45118	0.6684	0.49125	6.72E-03	4.72E-05	1.28E-02	0.019543	6.86E-03	4.65E-05	1.42E-02	0.021124	6.52E-03	5.90E-05	2.73E-02	3.39E-02
1099	482333.91	3852613.62	0.43419	0.67869	0.47724	6.46E-03	4.79E-05	1.24E-02	0.018927	6.60E-03	4.72E-05	1.38E-02	0.020461	6.27E-03	5.99E-05	2.65E-02	3.29E-02
1100	482383.91	3852613.62	0.41645	0.69089	0.46509	6.20E-03	4.88E-05	1.21E-02	0.018347	6.33E-03	4.80E-05	1.35E-02	0.01984	6.02E-03	6.10E-05	2.58E-02	3.19E-02
1101	482602.38	3852600.87	0.36943	0.67252	0.41245	5.50E-03	4.75E-05	1.07E-02	0.016277	5.62E-03	4.67E-05	1.19E-02	0.017601	5.34E-03	5.93E-05	2.29E-02	2.83E-02
1102	482652.38	3852600.87	0.38547	0.67586	0.40007	5.74E-03	4.77E-05	1.04E-02	0.016194	5.86E-03	4.70E-05	1.16E-02	0.017486	5.57E-03	5.96E-05	2.22E-02	2.79E-02
1103	482702.38	3852600.87	0.37824	0.58975	0.39596	5.63E-03	4.16E-05	1.03E-02	0.015973	5.75E-03	4.10E-05	1.15E-02	0.017252	5.47E-03	5.20E-05	2.20E-02	2.75E-02
1104	482552.38	3852650.87	0.37953	0.68827	0.4384	5.65E-03	4.86E-05	1.14E-02	0.017103	5.77E-03	4.78E-05	1.27E-02	0.018506	5.48E-03	6.07E-05	2.44E-02	2.99E-02
1105	482602.38	3852650.87	0.38022	0.70016	0.43455	5.66E-03	4.94E-05	1.13E-02	0.017014	5.78E-03	4.87E-05	1.26E-02	0.018406	5.49E-03	6.18E-05	2.41E-02	2.97E-02
1106	482652.38	3852650.87	0.38843	0.68648	0.41671	5.78E-03	4.85E-05	1.08E-02	0.016671	5.91E-03	4.77E-05	1.21E-02	0.018014	5.61E-03	6.06E-05	2.32E-02	2.88E-02
1107	482702.38	3852650.87	0.39518	0.65339	0.41004	5.88E-03	4.61E-05	1.07E-02	0.016596	6.01E-03	4.54E-05	1.19E-02	0.017921	5.71E-03	5.77E-05	2.28E-02	2.86E-02
1108	482552.38	3852700.87	0.40386	0.68405	0.45155	6.01E-03	4.83E-05	1.17E-02	0.017807	6.14E-03	4.75E-05	1.31E-02	0.019256	5.84E-03	6.04E-05	2.51E-02	3.10E-02
1109	482602.38	3852700.87	0.40111	0.71302	0.45795	5.97E-03	5.03E-05	1.19E-02	0.017935	6.10E-03	4.96E-05	1.33E-02	0.019402	5.80E-03	6.29E-05	2.54E-02	3.13E-02
1110	482652.38	3852700.87	0.40084	0.70683	0.43899	5.97E-03	4.99E-05	1.14E-02	0.017437	6.10E-03	4.91E-05	1.27E-02	0.018849	5.79E-03	6.24E-05	2.44E-02	3.02E-02
1111	482702.38	3852700.87	0.40623	0.70805	0.4337	6.05E-03	5.00E-05	1.13E-02	0.01738	6.18E-03	4.92E-05	1.26E-02	0.018778	5.87E-03	6.25E-05	2.41E-02	3.00E-02
1112	482452.38	3852750.87	0.4504	0.74884	0.49421	6.70E-03	5.29E-05	1.29E-02	0.019614	6.85E-03	5.20E-05	1.43E-02	0.021203	6.51E-03	6.61E-05	2.75E-02	3.40E-02
1113	482521.29	3852749.74	0.42977	0.73129	0.47739	6.40E-03	5.16E-05	1.24E-02	0.018868	6.54E-03	5.08E-05	1.38E-02	0.020401	6.21E-03	6.45E-05	2.65E-02	3.28E-02
1114	482571.29	3852749.74	0.41786	0.70138	0.47034	6.22E-03	4.95E-05	1.22E-02	0.018506	6.36E-03	4.87E-05	1.36E-02	0.020014	6.04E-03	6.19E-05	2.61E-02	3.22E-02
1115	482521.29	3852799.74	0.4498	0.77729	0.49626	6.70E-03	5.49E-05	1.29E-02	0.019661	6.84E-03	5.40E-05	1.44E-02	0.021255	6.50E-03	6.86E-05	2.76E-02	3.41E-02
1116	482571.29	3852799.74	0.43303	0.74176	0.48182	6.45E-03	5.24E-05	1.25E-02	0.019033	6.59E-03	5.16E-05	1.39E-02	0.02058	6.26E-03	6.54E-05	2.68E-02	3.31E-02
1117	482621.29	3852799.74	0.44189	0.74043	0.4893	6.58E-03	5.23E-05	1.27E-02	0.019359	6.72E-03	5.15E-05	1.42E-02	0.020931	6.39E-03	6.53E-05	2.72E-02	3.36E-02
1118	482571.29	3852849.74	0.45311	0.78722	0.49746	6.74E-03	5.56E-05	1.29E-02	0.019742	6.89E-03	5.47E-05	1.44E-02	0.021341	6.55E-03	6.95E-05	2.76E-02	3.43E-02
1119	482621.29	3852849.74	0.45922	0.74174	0.5035	6.84E-03	5.24E-05	1.31E-02	0.019987	6.98E-03	5.16E-05	1.46E-02	0.021606	6.64E-03	6.54E-05	2.80E-02	3.47E-02
1120	482577.42	3852901.55	0.47728	0.82692	0.5193	7.10E-03	5.84E-05	1.35E-02	0.020673	7.26E-03	5.75E-05	1.50E-02	0.022343	6.90E-03	7.30E-05	2.89E-02	3.58E-02
1121	482627.42	3852901.55	0.47746	0.78803	0.52145	7.11E-03	5.56E-05	1.36E-02	0.020729	7.26E-03	5.48E-05	1.51E-02	0.022406	6.90E-03	6.95E-05	2.90E-02	3.59E-02
1122	482629.96	3852955.85	0.49505	0.84537	0.54124	7.37E-03	5.97E-05	1.41E-02	0.021509	7.53E-03	5.88E-05	1.57E-02	0.02325	7.15E-03	7.46E-05	3.01E-02	3.73E-02
1123	482679.96	3852955.85	0.50519	0.79847	0.55138	7.52E-03	5.64E-05	1.43E-02	0.021921	7.68E-03	5.55E-05	1.60E-02	0.023694	7.30E-03	7.05E-05	3.06E-02	3.80E-02
1124	482781.63	3853034.48	0.53286	0.92284	0.56136	7.93E-03	6.52E-05	1.46E-02	0.022601	8.10E-03	6.41E-05	1.62E-02	0.024413	7.70E-03	8.14E-05	3.12E-02	3.90E-02

1125	482831.63	3853034.48	0.49096	0.8857	0.53968	7.31E-03	6.25E-05	1.40E-02	0.021411	7.47E-03	6.16E-05	1.56E-02	0.023145	7.09E-03	7.81E-05	3.00E-02	3.72E-02
1126	482881.63	3853034.48	0.47797	0.82096	0.52973	7.11E-03	5.80E-05	1.38E-02	0.020954	7.27E-03	5.71E-05	1.53E-02	0.022655	6.91E-03	7.24E-05	2.94E-02	3.64E-02
1127	482781.63	3853084.48	0.56126	0.93441	0.58949	8.35E-03	6.60E-05	1.53E-02	0.023756	8.54E-03	6.49E-05	1.71E-02	0.025659	8.11E-03	8.24E-05	3.28E-02	4.09E-02
1128	482831.63	3853084.48	0.51248	0.93537	0.5641	7.63E-03	6.60E-05	1.47E-02	0.02237	7.79E-03	6.50E-05	1.63E-02	0.024183	7.41E-03	8.25E-05	3.13E-02	3.88E-02
1129	482881.63	3853084.48	0.49826	0.85646	0.55228	7.42E-03	6.05E-05	1.44E-02	0.021845	7.58E-03	5.95E-05	1.60E-02	0.023619	7.20E-03	7.56E-05	3.07E-02	3.80E-02
1130	482781.63	3853134.48	0.5925	0.92443	0.61998	8.82E-03	6.53E-05	1.61E-02	0.025014	9.01E-03	6.43E-05	1.79E-02	0.027016	8.56E-03	8.16E-05	3.44E-02	4.31E-02
1131	482831.63	3853134.48	0.54107	0.98993	0.59451	8.05E-03	6.99E-05	1.55E-02	0.02359	8.23E-03	6.88E-05	1.72E-02	0.025501	7.82E-03	8.73E-05	3.30E-02	4.09E-02
1132	482881.63	3853134.48	0.51527	0.94312	0.57641	7.67E-03	6.66E-05	1.50E-02	0.022732	7.84E-03	6.55E-05	1.67E-02	0.024582	7.45E-03	8.32E-05	3.20E-02	3.96E-02
1133	482831.63	3853184.48	0.57661	1.01124	0.62352	8.58E-03	7.14E-05	1.62E-02	0.024876	8.77E-03	7.03E-05	1.80E-02	0.026883	8.33E-03	8.92E-05	3.46E-02	4.31E-02
1134	482881.63	3853184.48	0.53918	1.00147	0.61006	8.03E-03	7.07E-05	1.59E-02	0.023968	8.20E-03	6.96E-05	1.77E-02	0.025923	7.79E-03	8.84E-05	3.39E-02	4.18E-02
1135	484154.84	3854250.98	0.57043	0.84366	0.63284	8.49E-03	5.96E-05	1.65E-02	0.025014	8.68E-03	5.86E-05	1.83E-02	0.027047	8.24E-03	7.44E-05	3.52E-02	4.35E-02
1136	484204.84	3854250.98	0.55383	0.84402	0.60946	8.24E-03	5.96E-05	1.59E-02	0.024159	8.42E-03	5.87E-05	1.76E-02	0.026118	8.00E-03	7.45E-05	3.39E-02	4.19E-02
1137	484154.84	3854300.98	0.55912	0.8736	0.6208	8.32E-03	6.17E-05	1.62E-02	0.024535	8.50E-03	6.07E-05	1.80E-02	0.026529	8.08E-03	7.71E-05	3.45E-02	4.27E-02
1138	484204.84	3854300.98	0.55383	0.87845	0.61211	8.24E-03	6.20E-05	1.59E-02	0.02423	8.42E-03	6.11E-05	1.77E-02	0.026197	8.00E-03	7.75E-05	3.40E-02	4.21E-02
1139	484074.19	3854519.8	0.7408	1.58619	0.78936	1.10E-02	1.12E-04	2.05E-02	0.031675	1.13E-02	1.10E-04	2.28E-02	0.034219	1.07E-02	1.40E-04	4.39E-02	5.47E-02
1140	484124.19	3854519.8	0.69752	1.51552	0.74279	1.04E-02	1.07E-04	1.93E-02	0.029814	1.06E-02	1.05E-04	2.15E-02	0.032208	1.01E-02	1.34E-04	4.13E-02	5.15E-02
1141	484074.19	3854569.8	0.82293	1.90065	0.84005	1.22E-02	1.34E-04	2.19E-02	0.034238	1.25E-02	1.32E-04	2.43E-02	0.036957	1.19E-02	1.68E-04	4.67E-02	5.87E-02
1142	484124.19	3854569.8	0.76064	1.7956	0.78027	1.13E-02	1.27E-04	2.03E-02	0.031748	1.16E-02	1.25E-04	2.26E-02	0.034272	1.10E-02	1.58E-04	4.34E-02	5.45E-02
1143	485205.11	3855188.89	1.67586	3.54072	1.35586	2.49E-02	2.50E-04	3.53E-02	0.060469	2.55E-02	2.46E-04	3.92E-02	0.064969	2.42E-02	3.12E-04	7.53E-02	9.99E-02
1144	485255.11	3855188.89	1.56024	3.28278	1.2643	2.32E-02	2.32E-04	3.29E-02	0.056348	2.37E-02	2.28E-04	3.66E-02	0.060543	2.25E-02	2.90E-04	7.03E-02	9.31E-02
1145	485205.11	3855238.89	1.69846	3.30487	1.38087	2.53E-02	2.33E-04	3.59E-02	0.061439	2.58E-02	2.30E-04	4.00E-02	0.06602	2.45E-02	2.92E-04	7.67E-02	1.02E-01
1146	485255.11	3855238.89	1.6417	3.20772	1.33698	2.44E-02	2.26E-04	3.48E-02	0.059446	2.50E-02	2.23E-04	3.87E-02	0.06388	2.37E-02	2.83E-04	7.43E-02	9.83E-02
1147	485205.11	3855288.89	1.94687	3.40406	1.59148	2.90E-02	2.40E-04	4.14E-02	0.070623	2.96E-02	2.37E-04	4.61E-02	0.075899	2.81E-02	3.00E-04	8.84E-02	1.17E-01
1148	485255.11	3855288.89	1.83056	3.24827	1.51701	2.72E-02	2.29E-04	3.95E-02	0.066943	2.78E-02	2.26E-04	4.39E-02	0.071965	2.65E-02	2.87E-04	8.43E-02	1.11E-01
1149	485255.11	3855338.89	2.05539	3.40541	1.72868	3.06E-02	2.40E-04	4.50E-02	0.075808	3.13E-02	2.37E-04	5.00E-02	0.08152	2.97E-02	3.00E-04	9.61E-02	1.26E-01
1150	485305.11	3855338.89	1.92482	3.21236	1.61142	2.87E-02	2.27E-04	4.19E-02	0.0708	2.93E-02	2.23E-04	4.66E-02	0.076128	2.78E-02	2.83E-04	8.95E-02	1.18E-01
1151	485852.5	3855635.28	1.8034	2.03935	1.69241	2.68E-02	1.44E-04	4.40E-02	0.071017	2.74E-02	1.42E-04	4.90E-02	0.076543	2.61E-02	1.80E-04	9.40E-02	1.20E-01
1152	485902.5	3855635.28	1.70475	1.95766	1.58995	2.54E-02	1.38E-04	4.14E-02	0.066877	2.59E-02	1.36E-04	4.60E-02	0.072072	2.46E-02	1.73E-04	8.83E-02	1.13E-01
1153	485852.5	3855685.28	1.90026	2.09937	1.79353	2.83E-02	1.48E-04	4.67E-02	0.075094	2.89E-02	1.46E-04	5.19E-02	0.080946	2.75E-02	1.85E-04	9.97E-02	1.27E-01
1154	485902.5	3855685.28	1.78662	1.94109	1.6877	2.66E-02	1.37E-04	4.39E-02	0.070638	2.72E-02	1.35E-04	4.88E-02	0.076145	2.58E-02	1.71E-04	9.38E-02	1.20E-01
1155	485852.5	3855735.28	1.99931	2.0526	1.89825	2.98E-02	1.45E-04	4.94E-02	0.079289	3.04E-02	1.43E-04	5.49E-02	0.08548	2.89E-02	1.81E-04	1.05E-01	1.35E-01
1156	485902.5	3855735.28	1.8943	2.03258	1.81333	2.82E-02	1.44E-04	4.72E-02	0.075515	2.88E-02	1.41E-04	5.25E-02	0.081424	2.74E-02	1.79E-04	1.01E-01	1.28E-01
1157	485852.5	3855785.28	2.12903	2.03793	2.03994	3.17E-02	1.44E-04	5.31E-02	0.084905	3.24E-02	1.42E-04	5.90E-02	0.091552	3.08E-02	1.80E-04	1.13E-01	1.44E-01
1158	485902.5	3855785.28	1.99333	1.95397	1.9113	2.97E-02	1.38E-04	4.97E-02	0.079532	3.03E-02	1.36E-04	5.53E-02	0.08576	2.88E-02	1.72E-04	1.06E-01	1.35E-01
1159	486809.46	3856465.28	1.87937	1.36492	2.02697	2.80E-02	9.64E-05	5.27E-02	0.080804	2.86E-02	9.49E-05	5.87E-02	0.087333	2.72E-02	1.20E-04	1.13E-01	1.40E-01
1160	486859.46	3856465.28	1.85562	1.36455	2.00504	2.76E-02	9.63E-05	5.22E-02	0.07988	2.82E-02	9.48E-05	5.80E-02	0.086337	2.68E-02	1.20E-04	1.11E-01	1.38E-01
1161	486909.46	3856465.28	1.82378	1.30557	1.9681	2.71E-02	9.22E-05	5.12E-02	0.078441	2.77E-02	9.07E-05	5.70E-02	0.08478	2.64E-02	1.15E-04	1.09E-01	1.36E-01
1162	486809.46	3856515.28	1.96478	1.36099	2.14003	2.92E-02	9.61E-05	5.57E-02	0.085016	2.99E-02	9.46E-05	6.19E-02	0.091903	2.84E-02	1.20E-04	1.19E-01	1.47E-01
1163	486859.46	3856515.28	1.94177	1.35525	2.12102	2.89E-02	9.57E-05	5.52E-02	0.084179	2.95E-02	9.42E-05	6.14E-02	0.091003	2.81E-02	1.20E-04	1.18E-01	1.46E-01
1164	486909.46	3856515.28	1.91032	1.35577	2.09148	2.84E-02	9.57E-05	5.44E-02	0.082942	2.91E-02	9.42E-05	6.05E-02	0.08967	2.76E-02	1.20E-04	1.16E-01	1.44E-01
1165	486980.94	3856357.95	1.64399	1.22321	1.74327	2.45E-02	8.64E-05	4.54E-02	0.06991	2.50E-02	8.50E-05	5.04E-02	0.075534	2.38E-02	1.08E-04	9.69E-02	1.21E-01
1166	487030.94	3856357.95	1.62635	1.23629	1.72269	2.42E-02	8.73E-05	4.48E-02	0.069112	2.47E-02	8.59E-05	4.99E-02	0.074671	2.35E-02	1.09E-04	9.57E-02	1.19E-01
1167	486980.94	3856407.95	1.70714	1.26028	1.82958	2.54E-02	8.90E-05	4.76E-02	0.073098	2.60E-02	8.76E-05	5.29E-02	0.078994	2.47E-02	1.11E-04	1.02E-01	1.26E-01
1168	487030.94	3856407.95	1.68397	1.27506	1.79887	2.51E-02	9.00E-05	4.68E-02	0.071955	2.56E-02	8.86E-05	5.21E-02	0.077754	2.43E-02	1.13E-04	1.00E-01	1.24E-01
1169	487447.18	3856437.45	1.57862	1.25891	1.68454	2.35E-02	8.89E-05	4.38E-02	0.067411	2.40E-02	8.75E-05	4.87E-02	0.072842	2.28E-02	1.11E-04	9.36E-02	1.17E-01
1170	487497.18	3856437.45	1.56137	1.27725	1.66695	2.32E-02	9.02E-05	4.34E-02	0.066698	2.37E-02	8.88E-05	4.82E-02	0.072072	2.26E-02	1.13E-04	9.26E-02	1.15E-01
1171	487547.18	3856437.45	1.54302	1.25608	1.6508	2.30E-02	8.87E-05	4.29E-02	0.066003	2.35E-02	8.73E-05	4.78E-02	0.071324	2.23E-02	1.11E-04	9.17E-02	1.14E-01

1172	487447.18	3856487.45	1.63293	1.32599	1.75273	2.43E-02	9.36E-05	4.56E-02	0.069998	2.48E-02	9.22E-05	5.07E-02	0.075646	2.36E-02	1.17E-04	9.74E-02	1.21E-01
1173	487497.18	3856487.45	1.61314	1.30341	1.73234	2.40E-02	9.20E-05	4.51E-02	0.069172	2.45E-02	9.06E-05	5.01E-02	0.074754	2.33E-02	1.15E-04	9.63E-02	1.20E-01
1174	487547.18	3856487.45	1.59601	1.27486	1.71559	2.38E-02	9.00E-05	4.46E-02	0.068479	2.43E-02	8.86E-05	4.96E-02	0.074007	2.31E-02	1.12E-04	9.53E-02	1.19E-01
1175	487447.18	3856537.45	1.68863	1.34945	1.81909	2.51E-02	9.53E-05	4.73E-02	0.072555	2.57E-02	9.38E-05	5.26E-02	0.078415	2.44E-02	1.19E-04	1.01E-01	1.26E-01
1176	487497.18	3856537.45	1.66549	1.3481	1.79782	2.48E-02	9.52E-05	4.68E-02	0.071658	2.53E-02	9.37E-05	5.20E-02	0.077448	2.41E-02	1.19E-04	9.99E-02	1.24E-01
1177	487547.18	3856537.45	1.65069	1.33137	1.78143	2.46E-02	9.40E-05	4.63E-02	0.07101	2.51E-02	9.25E-05	5.15E-02	0.076747	2.39E-02	1.17E-04	9.90E-02	1.23E-01
1178	489285.89	3858826.54	1.2907	0.87092	1.18219	1.92E-02	6.15E-05	3.08E-02	0.050029	1.96E-02	6.05E-05	3.42E-02	0.0539	1.87E-02	7.68E-05	6.57E-02	8.44E-02
1179	489335.89	3858826.54	1.23883	0.85518	1.1525	1.84E-02	6.04E-05	3.00E-02	0.048483	1.88E-02	5.94E-05	3.34E-02	0.052251	1.79E-02	7.55E-05	6.40E-02	8.20E-02
1180	489385.89	3858826.54	1.19429	0.84579	1.12072	1.78E-02	5.97E-05	2.92E-02	0.046993	1.82E-02	5.88E-05	3.24E-02	0.050653	1.73E-02	7.46E-05	6.23E-02	7.96E-02
1181	489435.89	3858826.54	1.15726	0.82488	1.09258	1.72E-02	5.82E-05	2.84E-02	0.045708	1.76E-02	5.73E-05	3.16E-02	0.049274	1.67E-02	7.28E-05	6.07E-02	7.75E-02
1182	489485.89	3858826.54	1.12207	0.8143	1.0679	1.67E-02	5.75E-05	2.78E-02	0.044542	1.71E-02	5.66E-05	3.09E-02	0.048024	1.62E-02	7.18E-05	5.93E-02	7.56E-02
1183	489535.89	3858826.54	1.09025	0.81606	1.04325	1.62E-02	5.76E-05	2.71E-02	0.043427	1.66E-02	5.67E-05	3.02E-02	0.046827	1.58E-02	7.20E-05	5.80E-02	7.38E-02
1184	489585.89	3858826.54	1.05719	0.80685	1.02573	1.57E-02	5.70E-05	2.67E-02	0.042478	1.61E-02	5.61E-05	2.97E-02	0.045817	1.53E-02	7.12E-05	5.70E-02	7.23E-02
1185	489635.89	3858826.54	1.02955	0.78641	1.01454	1.53E-02	5.55E-05	2.64E-02	0.041774	1.57E-02	5.47E-05	2.94E-02	0.045071	1.49E-02	6.94E-05	5.64E-02	7.13E-02
1186	489685.89	3858826.54	0.99835	0.76445	1.00111	1.49E-02	5.40E-05	2.60E-02	0.040959	1.52E-02	5.31E-05	2.90E-02	0.044206	1.44E-02	6.74E-05	5.56E-02	7.01E-02
1187	489735.89	3858826.54	0.97026	0.74814	0.98314	1.44E-02	5.28E-05	2.56E-02	0.040072	1.48E-02	5.20E-05	2.84E-02	0.043258	1.40E-02	6.60E-05	5.46E-02	6.87E-02
1188	489785.89	3858826.54	0.9445	0.73711	0.96571	1.41E-02	5.20E-05	2.51E-02	0.039235	1.44E-02	5.12E-05	2.79E-02	0.042361	1.36E-02	6.50E-05	5.37E-02	6.74E-02
1189	489835.89	3858826.54	0.92358	0.74046	0.9465	1.37E-02	5.23E-05	2.46E-02	0.038424	1.40E-02	5.15E-05	2.74E-02	0.041487	1.33E-02	6.53E-05	5.26E-02	6.60E-02
1190	489885.89	3858826.54	0.90827	0.72523	0.92975	1.35E-02	5.12E-05	2.42E-02	0.037759	1.38E-02	5.04E-05	2.69E-02	0.040769	1.31E-02	6.40E-05	5.17E-02	6.49E-02
1191	489935.89	3858826.54	0.88706	0.71514	0.92265	1.32E-02	5.05E-05	2.40E-02	0.037258	1.35E-02	4.97E-05	2.67E-02	0.04024	1.28E-02	6.31E-05	5.13E-02	6.41E-02
1192	489985.89	3858826.54	0.86896	0.71067	0.91181	1.29E-02	5.02E-05	2.37E-02	0.036706	1.32E-02	4.94E-05	2.64E-02	0.039651	1.26E-02	6.27E-05	5.07E-02	6.33E-02
1193	490035.89	3858826.54	0.84988	0.69898	0.89685	1.27E-02	4.94E-05	2.33E-02	0.036032	1.29E-02	4.86E-05	2.60E-02	0.038927	1.23E-02	6.17E-05	4.98E-02	6.22E-02
1194	489285.89	3858876.54	1.26083	0.87334	1.15854	1.88E-02	6.17E-05	3.01E-02	0.048969	1.92E-02	6.07E-05	3.35E-02	0.052761	1.82E-02	7.71E-05	6.44E-02	8.27E-02
1195	489335.89	3858876.54	1.21268	0.85582	1.13724	1.81E-02	6.04E-05	2.96E-02	0.047697	1.84E-02	5.95E-05	3.29E-02	0.051412	1.75E-02	7.55E-05	6.32E-02	8.08E-02
1196	489385.89	3858876.54	1.1683	0.83447	1.11932	1.74E-02	5.89E-05	2.91E-02	0.046569	1.78E-02	5.80E-05	3.24E-02	0.050217	1.69E-02	7.36E-05	6.22E-02	7.92E-02
1197	489435.89	3858876.54	1.13276	0.82101	1.09094	1.69E-02	5.80E-05	2.84E-02	0.045301	1.72E-02	5.71E-05	3.16E-02	0.048854	1.64E-02	7.24E-05	6.06E-02	7.71E-02
1198	489485.89	3858876.54	1.10115	0.80999	1.05966	1.64E-02	5.72E-05	2.76E-02	0.044016	1.67E-02	5.63E-05	3.07E-02	0.047467	1.59E-02	7.15E-05	5.89E-02	7.49E-02
1199	489535.89	3858876.54	1.07368	0.79154	1.03745	1.60E-02	5.59E-05	2.70E-02	0.043028	1.63E-02	5.50E-05	3.00E-02	0.046405	1.55E-02	6.98E-05	5.76E-02	7.32E-02
1200	489585.89	3858876.54	1.04662	0.78044	1.01726	1.56E-02	5.51E-05	2.65E-02	0.042099	1.59E-02	5.42E-05	2.94E-02	0.045409	1.51E-02	6.89E-05	5.65E-02	7.17E-02
1201	489635.89	3858876.54	1.01685	0.78085	0.99194	1.51E-02	5.51E-05	2.58E-02	0.040997	1.55E-02	5.43E-05	2.87E-02	0.044223	1.47E-02	6.89E-05	5.51E-02	6.99E-02
1202	489685.89	3858876.54	0.98578	0.77344	0.97296	1.47E-02	5.46E-05	2.53E-02	0.04004	1.50E-02	5.38E-05	2.82E-02	0.043201	1.42E-02	6.82E-05	5.41E-02	6.84E-02
1203	489735.89	3858876.54	0.96439	0.76023	0.96262	1.44E-02	5.37E-05	2.50E-02	0.039452	1.47E-02	5.28E-05	2.79E-02	0.042576	1.39E-02	6.71E-05	5.35E-02	6.75E-02
1204	489785.89	3858876.54	0.93896	0.73801	0.94933	1.40E-02	5.21E-05	2.47E-02	0.038726	1.43E-02	5.13E-05	2.75E-02	0.041803	1.36E-02	6.51E-05	5.28E-02	6.64E-02
1205	489835.89	3858876.54	0.91614	0.72204	0.93431	1.36E-02	5.10E-05	2.43E-02	0.037994	1.39E-02	5.02E-05	2.70E-02	0.04102	1.32E-02	6.37E-05	5.19E-02	6.52E-02
1206	489885.89	3858876.54	0.89348	0.70714	0.92046	1.33E-02	4.99E-05	2.39E-02	0.037296	1.36E-02	4.91E-05	2.66E-02	0.040274	1.29E-02	6.24E-05	5.11E-02	6.41E-02
1207	489935.89	3858876.54	0.87626	0.70725	0.91107	1.30E-02	4.99E-05	2.37E-02	0.036795	1.33E-02	4.92E-05	2.64E-02	0.03974	1.27E-02	6.24E-05	5.06E-02	6.33E-02
1208	489985.89	3858876.54	0.86033	0.69668	0.89677	1.28E-02	4.92E-05	2.33E-02	0.036185	1.31E-02	4.84E-05	2.60E-02	0.039083	1.24E-02	6.15E-05	4.98E-02	6.23E-02
1209	490035.89	3858876.54	0.84409	0.68779	0.88128	1.26E-02	4.86E-05	2.29E-02	0.03554	1.28E-02	4.78E-05	2.55E-02	0.038387	1.22E-02	6.07E-05	4.90E-02	6.12E-02
1210	489285.89	3858926.54	1.22108	0.86273	1.12365	1.82E-02	6.09E-05	2.92E-02	0.047469	1.86E-02	6.00E-05	3.25E-02	0.051147	1.76E-02	7.61E-05	6.24E-02	8.02E-02
1211	489335.89	3858926.54	1.16816	0.84681	1.12045	1.74E-02	5.98E-05	2.91E-02	0.046597	1.78E-02	5.89E-05	3.24E-02	0.050248	1.69E-02	7.47E-05	6.23E-02	7.92E-02
1212	489385.89	3858926.54	1.13634	0.83813	1.09572	1.69E-02	5.92E-05	2.85E-02	0.04548	1.73E-02	5.83E-05	3.17E-02	0.049048	1.64E-02	7.40E-05	6.09E-02	7.74E-02
1213	489435.89	3858926.54	1.10637	0.8185	1.07208	1.65E-02	5.78E-05	2.79E-02	0.044417	1.68E-02	5.69E-05	3.10E-02	0.047907	1.60E-02	7.22E-05	5.96E-02	7.56E-02
1214	489485.89	3858926.54	1.08027	0.80124	1.05542	1.61E-02	5.66E-05	2.75E-02	0.043594	1.64E-02	5.57E-05	3.05E-02	0.047026	1.56E-02	7.07E-05	5.86E-02	7.43E-02
1215	489535.89	3858926.54	1.05438	0.78746	1.03527	1.57E-02	5.56E-05	2.69E-02	0.042683	1.60E-02	5.47E-05	3.00E-02	0.046048	1.52E-02	6.95E-05	5.75E-02	7.28E-02
1216	489585.89	3858926.54	1.0311	0.77755	1.00645	1.53E-02	5.49E-05	2.62E-02	0.041586	1.57E-02	5.40E-05	2.91E-02	0.04486	1.49E-02	6.86E-05	5.59E-02	7.09E-02
1217	489635.89	3858926.54	1.00547	0.76211	0.98957	1.50E-02	5.38E-05	2.57E-02	0.040765	1.53E-02	5.30E-05	2.86E-02	0.04398	1.45E-02	6.72E-05	5.50E-02	6.96E-02
1218	489685.89	3858926.54	0.97956	0.74837	0.97075	1.46E-02	5.28E-05	2.53E-02	0.039888	1.49E-02	5.20E-05	2.81E-02	0.043041	1.42E-02	6.60E-05	5.39E-02	6.82E-02

1219	489735.89	3858926.54	0.95427	0.74902	0.94853	1.42E-02	5.29E-05	2.47E-02	0.038934	1.45E-02	5.21E-05	2.74E-02	0.042013	1.38E-02	6.61E-05	5.27E-02	6.66E-02
1220	489785.89	3858926.54	0.93129	0.74242	0.92913	1.39E-02	5.24E-05	2.42E-02	0.038087	1.42E-02	5.16E-05	2.69E-02	0.041102	1.35E-02	6.55E-05	5.16E-02	6.52E-02
1221	489835.89	3858926.54	0.90865	0.73218	0.91678	1.35E-02	5.17E-05	2.39E-02	0.037428	1.38E-02	5.09E-05	2.65E-02	0.040399	1.31E-02	6.46E-05	5.09E-02	6.41E-02
1222	489885.89	3858926.54	0.89083	0.71235	0.90728	1.33E-02	5.03E-05	2.36E-02	0.036914	1.35E-02	4.95E-05	2.63E-02	0.039852	1.29E-02	6.29E-05	5.04E-02	6.33E-02
1223	489935.89	3858926.54	0.87196	0.69766	0.89772	1.30E-02	4.93E-05	2.34E-02	0.036383	1.33E-02	4.85E-05	2.60E-02	0.039288	1.26E-02	6.16E-05	4.99E-02	6.25E-02
1224	489985.89	3858926.54	0.85767	0.68372	0.88801	1.28E-02	4.83E-05	2.31E-02	0.035917	1.30E-02	4.75E-05	2.57E-02	0.038788	1.24E-02	6.03E-05	4.93E-02	6.18E-02
1225	490035.89	3858926.54	0.8413	0.6775	0.87878	1.25E-02	4.78E-05	2.29E-02	0.035433	1.28E-02	4.71E-05	2.54E-02	0.038272	1.22E-02	5.98E-05	4.88E-02	6.10E-02
1226	489335.89	3858976.54	1.15402	0.82863	1.08676	1.72E-02	5.85E-05	2.83E-02	0.045509	1.76E-02	5.76E-05	3.14E-02	0.049057	1.67E-02	7.31E-05	6.04E-02	7.71E-02
1227	489385.89	3858976.54	1.11949	0.83011	1.0567	1.67E-02	5.86E-05	2.75E-02	0.044213	1.70E-02	5.77E-05	3.06E-02	0.047662	1.62E-02	7.32E-05	5.87E-02	7.50E-02
1228	489435.89	3858976.54	1.07448	0.81323	1.06634	1.60E-02	5.74E-05	2.77E-02	0.043793	1.63E-02	5.65E-05	3.09E-02	0.047255	1.55E-02	7.18E-05	5.93E-02	7.49E-02
1229	489485.89	3858976.54	1.0451	0.80215	1.04292	1.56E-02	5.66E-05	2.71E-02	0.042745	1.59E-02	5.58E-05	3.02E-02	0.04613	1.51E-02	7.08E-05	5.80E-02	7.31E-02
1230	489535.89	3858976.54	1.02468	0.78465	1.01569	1.53E-02	5.54E-05	2.64E-02	0.041732	1.56E-02	5.45E-05	2.94E-02	0.04503	1.48E-02	6.92E-05	5.64E-02	7.13E-02
1231	489585.89	3858976.54	1.00576	0.77061	0.99643	1.50E-02	5.44E-05	2.59E-02	0.040948	1.53E-02	5.36E-05	2.88E-02	0.044184	1.45E-02	6.80E-05	5.54E-02	7.00E-02
1232	489635.89	3858976.54	0.98737	0.75642	0.98344	1.47E-02	5.34E-05	2.56E-02	0.040335	1.50E-02	5.26E-05	2.85E-02	0.043527	1.43E-02	6.67E-05	5.46E-02	6.90E-02
1233	489685.89	3858976.54	0.96247	0.74756	0.95976	1.43E-02	5.28E-05	2.50E-02	0.039348	1.46E-02	5.20E-05	2.78E-02	0.042463	1.39E-02	6.60E-05	5.33E-02	6.73E-02
1234	489735.89	3858976.54	0.94119	0.73491	0.94385	1.40E-02	5.19E-05	2.46E-02	0.038616	1.43E-02	5.11E-05	2.73E-02	0.041678	1.36E-02	6.48E-05	5.24E-02	6.61E-02
1235	489785.89	3858976.54	0.92247	0.71914	0.92669	1.37E-02	5.08E-05	2.41E-02	0.03789	1.40E-02	5.00E-05	2.68E-02	0.040896	1.33E-02	6.35E-05	5.15E-02	6.49E-02
1236	489835.89	3858976.54	0.90058	0.71771	0.90702	1.34E-02	5.07E-05	2.36E-02	0.037053	1.37E-02	4.99E-05	2.62E-02	0.039993	1.30E-02	6.33E-05	5.04E-02	6.35E-02
1237	489885.89	3858976.54	0.88272	0.71547	0.88972	1.31E-02	5.05E-05	2.31E-02	0.036336	1.34E-02	4.97E-05	2.57E-02	0.039221	1.28E-02	6.31E-05	4.94E-02	6.23E-02
1238	489935.89	3858976.54	0.86211	0.70522	0.88007	1.28E-02	4.98E-05	2.29E-02	0.035778	1.31E-02	4.90E-05	2.55E-02	0.038628	1.25E-02	6.22E-05	4.89E-02	6.14E-02
1239	489985.89	3858976.54	0.84522	0.68849	0.87284	1.26E-02	4.86E-05	2.27E-02	0.035337	1.29E-02	4.79E-05	2.53E-02	0.03816	1.22E-02	6.07E-05	4.85E-02	6.08E-02
1240	490035.89	3858976.54	0.83465	0.67495	0.87315	1.24E-02	4.77E-05	2.27E-02	0.035187	1.27E-02	4.69E-05	2.53E-02	0.038008	1.21E-02	5.96E-05	4.85E-02	6.06E-02
1241	489385.89	3859026.54	1.08722	0.79486	1.0508	1.62E-02	5.61E-05	2.73E-02	0.043577	1.65E-02	5.52E-05	3.04E-02	0.046998	1.57E-02	7.01E-05	5.84E-02	7.42E-02
1242	489435.89	3859026.54	1.06482	0.80328	1.03302	1.58E-02	5.67E-05	2.69E-02	0.042781	1.62E-02	5.58E-05	2.99E-02	0.046143	1.54E-02	7.09E-05	5.74E-02	7.29E-02
1243	489485.89	3859026.54	1.03823	0.79624	1.00343	1.55E-02	5.62E-05	2.61E-02	0.041615	1.58E-02	5.53E-05	2.90E-02	0.044882	1.50E-02	7.03E-05	5.58E-02	7.08E-02
1244	489535.89	3859026.54	0.99839	0.78507	1.01225	1.49E-02	5.54E-05	2.63E-02	0.041251	1.52E-02	5.46E-05	2.93E-02	0.044531	1.44E-02	6.93E-05	5.62E-02	7.07E-02
1245	489585.89	3859026.54	0.97535	0.76862	0.9986	1.45E-02	5.43E-05	2.60E-02	0.040552	1.48E-02	5.34E-05	2.89E-02	0.043784	1.41E-02	6.78E-05	5.55E-02	6.97E-02
1246	489635.89	3859026.54	0.95464	0.75887	0.97408	1.42E-02	5.36E-05	2.53E-02	0.039605	1.45E-02	5.27E-05	2.82E-02	0.042759	1.38E-02	6.70E-05	5.41E-02	6.80E-02
1247	489685.89	3859026.54	0.93704	0.74312	0.94714	1.39E-02	5.25E-05	2.46E-02	0.038641	1.43E-02	5.16E-05	2.74E-02	0.041711	1.35E-02	6.56E-05	5.26E-02	6.62E-02
1248	489735.89	3859026.54	0.92645	0.72736	0.933	1.38E-02	5.14E-05	2.43E-02	0.038114	1.41E-02	5.06E-05	2.70E-02	0.041139	1.34E-02	6.42E-05	5.18E-02	6.53E-02
1249	489785.89	3859026.54	0.90284	0.71866	0.91814	1.34E-02	5.07E-05	2.39E-02	0.037376	1.37E-02	4.99E-05	2.66E-02	0.04035	1.30E-02	6.34E-05	5.10E-02	6.41E-02
1250	489835.89	3859026.54	0.88102	0.70956	0.89917	1.31E-02	5.01E-05	2.34E-02	0.036557	1.34E-02	4.93E-05	2.60E-02	0.039468	1.27E-02	6.26E-05	5.00E-02	6.28E-02
1251	489885.89	3859026.54	0.86582	0.69569	0.88606	1.29E-02	4.91E-05	2.31E-02	0.035988	1.32E-02	4.84E-05	2.56E-02	0.038857	1.25E-02	6.14E-05	4.92E-02	6.18E-02
1252	489935.89	3859026.54	0.85312	0.69041	0.86853	1.27E-02	4.87E-05	2.26E-02	0.035343	1.30E-02	4.80E-05	2.51E-02	0.038156	1.23E-02	6.09E-05	4.83E-02	6.06E-02
1253	489985.89	3859026.54	0.84104	0.6897	0.85478	1.25E-02	4.87E-05	2.22E-02	0.034805	1.28E-02	4.79E-05	2.47E-02	0.037574	1.22E-02	6.09E-05	4.75E-02	5.97E-02
1254	490035.89	3859026.54	0.82884	0.68045	0.84946	1.23E-02	4.80E-05	2.21E-02	0.034485	1.26E-02	4.73E-05	2.46E-02	0.037234	1.20E-02	6.00E-05	4.72E-02	5.92E-02
1255	489485.89	3859076.54	1.0109	0.77139	1.00728	1.50E-02	5.45E-05	2.62E-02	0.041307	1.54E-02	5.36E-05	2.91E-02	0.044576	1.46E-02	6.81E-05	5.60E-02	7.06E-02
1256	489535.89	3859076.54	0.99209	0.77938	0.98371	1.48E-02	5.50E-05	2.56E-02	0.040414	1.51E-02	5.42E-05	2.85E-02	0.043609	1.43E-02	6.88E-05	5.47E-02	6.91E-02
1257	489585.89	3859076.54	0.9702	0.76509	0.96293	1.44E-02	5.40E-05	2.51E-02	0.039547	1.48E-02	5.32E-05	2.79E-02	0.042673	1.40E-02	6.75E-05	5.35E-02	6.76E-02
1258	489635.89	3859076.54	0.94285	0.75828	0.95954	1.40E-02	5.35E-05	2.50E-02	0.039051	1.43E-02	5.27E-05	2.78E-02	0.042159	1.36E-02	6.69E-05	5.33E-02	6.70E-02
1259	489685.89	3859076.54	0.92311	0.73627	0.95482	1.37E-02	5.20E-05	2.48E-02	0.038633	1.40E-02	5.12E-05	2.76E-02	0.04172	1.33E-02	6.50E-05	5.31E-02	6.65E-02
1260	489735.89	3859076.54	0.90511	0.73404	0.93431	1.35E-02	5.18E-05	2.43E-02	0.037831	1.38E-02	5.10E-05	2.70E-02	0.040853	1.31E-02	6.48E-05	5.19E-02	6.51E-02
1261	489785.89	3859076.54	0.88722	0.71527	0.90699	1.32E-02	5.05E-05	2.36E-02	0.036853	1.35E-02	4.97E-05	2.62E-02	0.039789	1.28E-02	6.31E-05	5.04E-02	6.33E-02
1262	489835.89	3859076.54	0.87477	0.70084	0.88658	1.30E-02	4.95E-05	2.31E-02	0.036135	1.33E-02	4.87E-05	2.57E-02	0.039008	1.26E-02	6.18E-05	4.93E-02	6.20E-02
1263	489885.89	3859076.54	0.85034	0.69339	0.8788	1.27E-02	4.90E-05	2.29E-02	0.035569	1.29E-02	4.82E-05	2.54E-02	0.038411	1.23E-02	6.12E-05	4.88E-02	6.12E-02
1264	489935.89	3859076.54	0.83504	0.68624	0.86035	1.24E-02	4.85E-05	2.24E-02	0.034861	1.27E-02	4.77E-05	2.49E-02	0.037644	1.21E-02	6.05E-05	4.78E-02	5.99E-02
1265	489985.89	3859076.54	0.81988	0.67434	0.84676	1.22E-02	4.76E-05	2.20E-02	0.034281	1.25E-02	4.69E-05	2.45E-02	0.037019	1.18E-02	5.95E-05	4.71E-02	5.90E-02

1266	490035.89	3859076.54	0.8137	0.66878	0.83896	1.21E-02	4.72E-05	2.18E-02	0.033985	1.24E-02	4.65E-05	2.43E-02	0.036699	1.18E-02	5.90E-05	4.66E-02	5.84E-02
1267	489585.89	3859126.54	0.93773	0.74975	0.96434	1.40E-02	5.29E-05	2.51E-02	0.039099	1.43E-02	5.21E-05	2.79E-02	0.042219	1.36E-02	6.62E-05	5.36E-02	6.72E-02
1268	489635.89	3859126.54	0.92756	0.75364	0.93712	1.38E-02	5.32E-05	2.44E-02	0.03824	1.41E-02	5.24E-05	2.71E-02	0.041277	1.34E-02	6.65E-05	5.21E-02	6.55E-02
1269	489685.89	3859126.54	0.91369	0.73399	0.92275	1.36E-02	5.18E-05	2.40E-02	0.037658	1.39E-02	5.10E-05	2.67E-02	0.040649	1.32E-02	6.48E-05	5.13E-02	6.45E-02
1270	489735.89	3859126.54	0.89043	0.72632	0.91354	1.33E-02	5.13E-05	2.38E-02	0.037072	1.35E-02	5.05E-05	2.64E-02	0.040028	1.29E-02	6.41E-05	5.08E-02	6.37E-02
1271	489785.89	3859126.54	0.87335	0.71271	0.9152	1.30E-02	5.03E-05	2.38E-02	0.03686	1.33E-02	4.95E-05	2.65E-02	0.039816	1.26E-02	6.29E-05	5.09E-02	6.35E-02
1272	489835.89	3859126.54	0.85661	0.71078	0.89545	1.28E-02	5.02E-05	2.33E-02	0.036097	1.30E-02	4.94E-05	2.59E-02	0.038989	1.24E-02	6.27E-05	4.98E-02	6.22E-02
1273	489885.89	3859126.54	0.83812	0.69095	0.87073	1.25E-02	4.88E-05	2.27E-02	0.035177	1.27E-02	4.80E-05	2.52E-02	0.037991	1.21E-02	6.10E-05	4.84E-02	6.06E-02
1274	489935.89	3859126.54	0.82428	0.67689	0.85458	1.23E-02	4.78E-05	2.22E-02	0.03455	1.25E-02	4.70E-05	2.47E-02	0.037313	1.19E-02	5.97E-05	4.75E-02	5.95E-02
1275	489985.89	3859126.54	0.80478	0.67112	0.84242	1.20E-02	4.74E-05	2.19E-02	0.033943	1.22E-02	4.66E-05	2.44E-02	0.036664	1.16E-02	5.92E-05	4.68E-02	5.85E-02
1276	490035.89	3859126.54	0.79037	0.66602	0.83084	1.18E-02	4.70E-05	2.16E-02	0.033427	1.20E-02	4.63E-05	2.40E-02	0.036109	1.14E-02	5.88E-05	4.62E-02	5.76E-02
1277	489585.89	3859176.54	0.93443	0.72156	0.93818	1.39E-02	5.09E-05	2.44E-02	0.038367	1.42E-02	5.02E-05	2.71E-02	0.04141	1.35E-02	6.37E-05	5.21E-02	6.57E-02
1278	489635.89	3859176.54	0.90228	0.7223	0.92765	1.34E-02	5.10E-05	2.41E-02	0.037615	1.37E-02	5.02E-05	2.68E-02	0.040616	1.30E-02	6.37E-05	5.15E-02	6.46E-02
1279	489685.89	3859176.54	0.8752	0.72793	0.92111	1.30E-02	5.14E-05	2.40E-02	0.037042	1.33E-02	5.06E-05	2.67E-02	0.040016	1.26E-02	6.42E-05	5.12E-02	6.39E-02
1280	489735.89	3859176.54	0.86751	0.72563	0.89706	1.29E-02	5.12E-05	2.33E-02	0.036302	1.32E-02	5.04E-05	2.60E-02	0.039203	1.25E-02	6.40E-05	4.98E-02	6.24E-02
1281	489785.89	3859176.54	0.8576	0.70658	0.88714	1.28E-02	4.99E-05	2.31E-02	0.035895	1.30E-02	4.91E-05	2.57E-02	0.038764	1.24E-02	6.23E-05	4.93E-02	6.17E-02
1282	489835.89	3859176.54	0.84683	0.69567	0.87675	1.26E-02	4.91E-05	2.28E-02	0.035463	1.29E-02	4.84E-05	2.54E-02	0.038298	1.22E-02	6.14E-05	4.87E-02	6.10E-02
1283	489885.89	3859176.54	0.83117	0.69137	0.87551	1.24E-02	4.88E-05	2.28E-02	0.035198	1.26E-02	4.81E-05	2.53E-02	0.038024	1.20E-02	6.10E-05	4.86E-02	6.07E-02
1284	489935.89	3859176.54	0.81281	0.68837	0.86212	1.21E-02	4.86E-05	2.24E-02	0.034576	1.24E-02	4.78E-05	2.49E-02	0.037357	1.17E-02	6.07E-05	4.79E-02	5.97E-02
1285	489985.89	3859176.54	0.79427	0.66896	0.84084	1.18E-02	4.72E-05	2.19E-02	0.033745	1.21E-02	4.65E-05	2.43E-02	0.036458	1.15E-02	5.90E-05	4.67E-02	5.83E-02
1286	490035.89	3859176.54	0.77644	0.65535	0.82337	1.16E-02	4.63E-05	2.14E-02	0.033024	1.18E-02	4.55E-05	2.38E-02	0.03568	1.12E-02	5.78E-05	4.58E-02	5.70E-02
1287	489685.89	3859226.54	0.88398	0.69543	0.90082	1.32E-02	4.91E-05	2.34E-02	0.036643	1.34E-02	4.83E-05	2.61E-02	0.03956	1.28E-02	6.14E-05	5.01E-02	6.29E-02
1288	489735.89	3859226.54	0.85876	0.69953	0.89208	1.28E-02	4.94E-05	2.32E-02	0.03604	1.31E-02	4.86E-05	2.58E-02	0.038924	1.24E-02	6.17E-05	4.96E-02	6.20E-02
1289	489785.89	3859226.54	0.83056	0.70651	0.87839	1.24E-02	4.99E-05	2.29E-02	0.035265	1.26E-02	4.91E-05	2.54E-02	0.038099	1.20E-02	6.23E-05	4.88E-02	6.09E-02
1290	489835.89	3859226.54	0.81722	0.69854	0.86107	1.22E-02	4.93E-05	2.24E-02	0.034615	1.24E-02	4.86E-05	2.49E-02	0.037395	1.18E-02	6.16E-05	4.78E-02	5.97E-02
1291	489885.89	3859226.54	0.8072	0.68432	0.85917	1.20E-02	4.83E-05	2.24E-02	0.034415	1.23E-02	4.76E-05	2.49E-02	0.037186	1.17E-02	6.04E-05	4.77E-02	5.95E-02
1292	489935.89	3859226.54	0.80625	0.67269	0.84629	1.20E-02	4.75E-05	2.20E-02	0.034065	1.23E-02	4.68E-05	2.45E-02	0.036798	1.17E-02	5.94E-05	4.70E-02	5.87E-02
1293	489985.89	3859226.54	0.79121	0.67297	0.83683	1.18E-02	4.75E-05	2.18E-02	0.033595	1.20E-02	4.68E-05	2.42E-02	0.036296	1.14E-02	5.94E-05	4.65E-02	5.80E-02
1294	490035.89	3859226.54	0.77148	0.66879	0.82731	1.15E-02	4.72E-05	2.15E-02	0.033054	1.17E-02	4.65E-05	2.39E-02	0.03572	1.11E-02	5.90E-05	4.60E-02	5.72E-02
1295	489735.89	3859276.54	0.8478	0.68021	0.8833	1.26E-02	4.80E-05	2.30E-02	0.035647	1.29E-02	4.73E-05	2.56E-02	0.038502	1.23E-02	6.00E-05	4.91E-02	6.14E-02
1296	489785.89	3859276.54	0.83685	0.67608	0.86683	1.25E-02	4.77E-05	2.26E-02	0.035055	1.27E-02	4.70E-05	2.51E-02	0.037858	1.21E-02	5.97E-05	4.82E-02	6.03E-02
1297	489835.89	3859276.54	0.81632	0.68017	0.85858	1.22E-02	4.80E-05	2.23E-02	0.034536	1.24E-02	4.73E-05	2.48E-02	0.037308	1.18E-02	6.00E-05	4.77E-02	5.96E-02
1298	489885.89	3859276.54	0.79398	0.6863	0.84078	1.18E-02	4.85E-05	2.19E-02	0.03374	1.21E-02	4.77E-05	2.43E-02	0.036453	1.15E-02	6.06E-05	4.67E-02	5.83E-02
1299	489935.89	3859276.54	0.77507	0.67519	0.82818	1.15E-02	4.77E-05	2.15E-02	0.03313	1.18E-02	4.69E-05	2.40E-02	0.0358	1.12E-02	5.96E-05	4.60E-02	5.73E-02
1300	489985.89	3859276.54	0.76409	0.66288	0.83424	1.14E-02	4.68E-05	2.17E-02	0.033124	1.16E-02	4.61E-05	2.41E-02	0.035808	1.10E-02	5.85E-05	4.64E-02	5.75E-02
1301	490035.89	3859276.54	0.76081	0.65046	0.82132	1.13E-02	4.59E-05	2.14E-02	0.032738	1.16E-02	4.52E-05	2.38E-02	0.035383	1.10E-02	5.74E-05	4.56E-02	5.67E-02
1302	490458.06	3859590.74	0.61035	0.5536	0.67984	9.08E-03	3.91E-05	1.77E-02	0.026811	9.28E-03	3.85E-05	1.97E-02	0.028994	8.82E-03	4.88E-05	3.78E-02	4.66E-02
1303	490508.06	3859590.74	0.60659	0.54543	0.66891	9.03E-03	3.85E-05	1.74E-02	0.02647	9.23E-03	3.79E-05	1.94E-02	0.02862	8.77E-03	4.81E-05	3.72E-02	4.60E-02
1304	490558.06	3859590.74	0.59791	0.53959	0.66337	8.90E-03	3.81E-05	1.73E-02	0.026196	9.09E-03	3.75E-05	1.92E-02	0.028327	8.64E-03	4.76E-05	3.69E-02	4.55E-02
1305	490608.06	3859590.74	0.59171	0.53812	0.65898	8.81E-03	3.80E-05	1.71E-02	0.025989	9.00E-03	3.74E-05	1.91E-02	0.028106	8.55E-03	4.75E-05	3.66E-02	4.52E-02
1306	490658.06	3859590.74	0.58165	0.53885	0.65887	8.66E-03	3.80E-05	1.71E-02	0.025837	8.85E-03	3.75E-05	1.91E-02	0.02795	8.40E-03	4.75E-05	3.66E-02	4.51E-02
1307	490708.06	3859590.74	0.57304	0.53932	0.65657	8.53E-03	3.81E-05	1.71E-02	0.025649	8.72E-03	3.75E-05	1.90E-02	0.027752	8.28E-03	4.76E-05	3.65E-02	4.48E-02
1308	490758.06	3859590.74	0.57106	0.52722	0.64341	8.50E-03	3.72E-05	1.67E-02	0.025276	8.69E-03	3.66E-05	1.86E-02	0.02734	8.25E-03	4.65E-05	3.58E-02	4.41E-02
1309	490808.06	3859590.74	0.56502	0.52023	0.63449	8.41E-03	3.67E-05	1.65E-02	0.024954	8.59E-03	3.62E-05	1.84E-02	0.02699	8.16E-03	4.59E-05	3.53E-02	4.35E-02
1310	490858.06	3859590.74	0.55756	0.51528	0.62276	8.30E-03	3.64E-05	1.62E-02	0.024537	8.48E-03	3.58E-05	1.80E-02	0.026537	8.06E-03	4.55E-05	3.46E-02	4.27E-02
1311	490458.06	3859640.74	0.60936	0.53932	0.67926	9.07E-03	3.81E-05	1.77E-02	0.02678	9.27E-03	3.75E-05	1.97E-02	0.028961	8.81E-03	4.76E-05	3.77E-02	4.66E-02
1312	490508.06	3859640.74	0.59493	0.5439	0.66894	8.86E-03	3.84E-05	1.74E-02	0.026297	9.05E-03	3.78E-05	1.94E-02	0.028443	8.60E-03	4.80E-05	3.72E-02	4.58E-02

1313	490558.06	3859640.74	0.5934	0.53402	0.66084	8.83E-03	3.77E-05	1.72E-02	0.026063	9.02E-03	3.71E-05	1.91E-02	0.028185	8.57E-03	4.71E-05	3.67E-02	4.53E-02
1314	490608.06	3859640.74	0.59037	0.52933	0.65046	8.79E-03	3.74E-05	1.69E-02	0.025747	8.98E-03	3.68E-05	1.88E-02	0.027838	8.53E-03	4.67E-05	3.61E-02	4.47E-02
1315	490658.06	3859640.74	0.57912	0.52538	0.64742	8.62E-03	3.71E-05	1.68E-02	0.0255	8.81E-03	3.65E-05	1.87E-02	0.027579	8.37E-03	4.64E-05	3.60E-02	4.44E-02
1316	490708.06	3859640.74	0.57035	0.52611	0.64116	8.49E-03	3.71E-05	1.67E-02	0.025207	8.67E-03	3.66E-05	1.86E-02	0.027264	8.24E-03	4.64E-05	3.56E-02	4.39E-02
1317	490758.06	3859640.74	0.56437	0.52438	0.64315	8.40E-03	3.70E-05	1.67E-02	0.02517	8.58E-03	3.64E-05	1.86E-02	0.027231	8.16E-03	4.63E-05	3.57E-02	4.39E-02
1318	490808.06	3859640.74	0.5549	0.52281	0.64004	8.26E-03	3.69E-05	1.67E-02	0.024948	8.44E-03	3.63E-05	1.85E-02	0.026997	8.02E-03	4.61E-05	3.56E-02	4.36E-02
1319	490858.06	3859640.74	0.55591	0.51173	0.62576	8.27E-03	3.61E-05	1.63E-02	0.02459	8.45E-03	3.56E-05	1.81E-02	0.026598	8.03E-03	4.52E-05	3.48E-02	4.28E-02
1320	490608.06	3859690.74	0.57442	0.52913	0.6499	8.55E-03	3.74E-05	1.69E-02	0.025495	8.74E-03	3.68E-05	1.88E-02	0.027579	8.30E-03	4.67E-05	3.61E-02	4.45E-02
1321	490658.06	3859690.74	0.58203	0.5184	0.644	8.66E-03	3.66E-05	1.68E-02	0.025454	8.85E-03	3.60E-05	1.86E-02	0.027524	8.41E-03	4.57E-05	3.58E-02	4.42E-02
1322	490708.06	3859690.74	0.57183	0.51527	0.63516	8.51E-03	3.64E-05	1.65E-02	0.025072	8.70E-03	3.58E-05	1.84E-02	0.027112	8.26E-03	4.55E-05	3.53E-02	4.36E-02
1323	490758.06	3859690.74	0.56161	0.51069	0.63162	8.36E-03	3.61E-05	1.64E-02	0.024828	8.54E-03	3.55E-05	1.83E-02	0.026854	8.12E-03	4.51E-05	3.51E-02	4.33E-02
1324	490808.06	3859690.74	0.55567	0.51373	0.62412	8.27E-03	3.63E-05	1.62E-02	0.024544	8.45E-03	3.57E-05	1.81E-02	0.026547	8.03E-03	4.53E-05	3.47E-02	4.28E-02
1325	490858.06	3859690.74	0.54793	0.51013	0.62678	8.16E-03	3.60E-05	1.63E-02	0.024498	8.33E-03	3.55E-05	1.81E-02	0.026506	7.92E-03	4.50E-05	3.48E-02	4.28E-02
1326	490708.06	3859740.74	0.5602	0.51068	0.63424	8.34E-03	3.61E-05	1.65E-02	0.024875	8.52E-03	3.55E-05	1.84E-02	0.026909	8.09E-03	4.51E-05	3.52E-02	4.34E-02
1327	490758.06	3859740.74	0.56307	0.50383	0.62589	8.38E-03	3.56E-05	1.63E-02	0.0247	8.56E-03	3.50E-05	1.81E-02	0.02671	8.14E-03	4.45E-05	3.48E-02	4.30E-02
1328	490808.06	3859740.74	0.55325	0.49967	0.61956	8.24E-03	3.53E-05	1.61E-02	0.024389	8.41E-03	3.47E-05	1.79E-02	0.026377	7.99E-03	4.41E-05	3.44E-02	4.25E-02
1329	490858.06	3859740.74	0.54298	0.49375	0.61039	8.08E-03	3.49E-05	1.59E-02	0.023997	8.26E-03	3.43E-05	1.77E-02	0.025955	7.85E-03	4.36E-05	3.39E-02	4.18E-02
1330	490786.56	3859749.39	0.55889	0.49968	0.62122	8.32E-03	3.53E-05	1.62E-02	0.024516	8.50E-03	3.47E-05	1.80E-02	0.026511	8.08E-03	4.41E-05	3.45E-02	4.26E-02
1331	490836.56	3859749.39	0.54715	0.49526	0.61688	8.14E-03	3.50E-05	1.60E-02	0.024228	8.32E-03	3.44E-05	1.79E-02	0.026207	7.91E-03	4.37E-05	3.43E-02	4.22E-02
1332	490786.56	3859799.39	0.54428	0.49909	0.61336	8.10E-03	3.52E-05	1.60E-02	0.024094	8.28E-03	3.47E-05	1.77E-02	0.026062	7.86E-03	4.40E-05	3.41E-02	4.20E-02
1333	490836.56	3859799.39	0.53965	0.48982	0.61028	8.03E-03	3.46E-05	1.59E-02	0.023944	8.21E-03	3.40E-05	1.77E-02	0.025901	7.80E-03	4.32E-05	3.39E-02	4.18E-02
1334	492307.84	3854508.36	0.26736	0.424	0.27601	3.98E-03	2.99E-05	7.18E-03	0.01119	4.07E-03	2.95E-05	7.99E-03	0.012083	3.86E-03	3.74E-05	1.53E-02	1.92E-02
1335	486445.7	3854753.6	0.44164	1.2077	0.40447	6.57E-03	8.53E-05	1.05E-02	0.017182	6.72E-03	8.39E-05	1.17E-02	0.018505	6.38E-03	1.07E-04	2.25E-02	2.90E-02
1336	472599.75	3877830.11	0.02572	0.03916	0.03564	3.83E-04	2.77E-06	9.27E-04	0.001313	3.91E-04	2.72E-06	1.03E-03	0.001425	3.72E-04	3.46E-06	1.98E-03	2.36E-03
1337	493107.48	3866840.19	0.11523	0.11858	0.12735	1.72E-03	8.37E-06	3.31E-03	0.005037	1.75E-03	8.24E-06	3.69E-03	0.005446	1.67E-03	1.05E-05	7.08E-03	8.75E-03
1338	495815.79	3861662.87	0.18591	0.20667	0.2345	2.77E-03	1.46E-05	6.10E-03	0.008883	2.83E-03	1.44E-05	6.79E-03	0.009628	2.69E-03	1.82E-05	1.30E-02	1.57E-02
1339	480272.33	3841389.2	0.00814	0.00993	0.00875	1.21E-04	7.01E-07	2.28E-04	0.00035	1.24E-04	6.90E-07	2.53E-04	0.000378	1.18E-04	8.76E-07	4.86E-04	6.05E-04
1340	497005.18	3862813.64	0.15583	0.17289	0.1904	2.32E-03	1.22E-05	4.95E-03	0.007285	2.37E-03	1.20E-05	5.51E-03	0.007892	2.25E-03	1.53E-05	1.06E-02	1.28E-02
1341	493677.33	3860302.55	0.30054	0.30991	0.34586	4.47E-03	2.19E-05	9.00E-03	0.013493	4.57E-03	2.15E-05	1.00E-02	0.014601	4.34E-03	2.73E-05	1.92E-02	2.36E-02
1342	493727.33	3860302.55	0.29981	0.30784	0.34013	4.46E-03	2.17E-05	8.85E-03	0.013333	4.56E-03	2.14E-05	9.84E-03	0.014424	4.33E-03	2.72E-05	1.89E-02	2.33E-02
1343	493777.33	3860302.55	0.29704	0.30685	0.33895	4.42E-03	2.17E-05	8.82E-03	0.013261	4.52E-03	2.13E-05	9.81E-03	0.014347	4.29E-03	2.71E-05	1.88E-02	2.32E-02
1344	493827.33	3860302.55	0.29296	0.30498	0.33992	4.36E-03	2.15E-05	8.84E-03	0.013226	4.46E-03	2.12E-05	9.84E-03	0.014313	4.23E-03	2.69E-05	1.89E-02	2.31E-02
1345	493877.33	3860302.55	0.28907	0.3031	0.33781	4.30E-03	2.14E-05	8.79E-03	0.013113	4.40E-03	2.11E-05	9.78E-03	0.014193	4.18E-03	2.67E-05	1.88E-02	2.30E-02
1346	493927.33	3860302.55	0.28584	0.30028	0.33401	4.25E-03	2.12E-05	8.69E-03	0.012965	4.35E-03	2.09E-05	9.67E-03	0.014034	4.13E-03	2.65E-05	1.86E-02	2.27E-02
1347	493977.33	3860302.55	0.28531	0.29784	0.33067	4.25E-03	2.10E-05	8.60E-03	0.01287	4.34E-03	2.07E-05	9.57E-03	0.013929	4.12E-03	2.63E-05	1.84E-02	2.25E-02
1348	494027.33	3860302.55	0.28362	0.2951	0.32657	4.22E-03	2.08E-05	8.50E-03	0.012738	4.31E-03	2.05E-05	9.45E-03	0.013784	4.10E-03	2.60E-05	1.81E-02	2.23E-02
1349	493677.33	3860352.55	0.29802	0.30367	0.34243	4.44E-03	2.14E-05	8.91E-03	0.013366	4.53E-03	2.11E-05	9.91E-03	0.014463	4.31E-03	2.68E-05	1.90E-02	2.34E-02
1350	493727.33	3860352.55	0.29527	0.30318	0.33995	4.40E-03	2.14E-05	8.84E-03	0.013261	4.49E-03	2.11E-05	9.84E-03	0.014349	4.27E-03	2.68E-05	1.89E-02	2.32E-02
1351	493777.33	3860352.55	0.29331	0.30335	0.33898	4.37E-03	2.14E-05	8.82E-03	0.013206	4.46E-03	2.11E-05	9.81E-03	0.014291	4.24E-03	2.68E-05	1.88E-02	2.31E-02
1352	493827.33	3860352.55	0.29165	0.30218	0.33411	4.34E-03	2.13E-05	8.69E-03	0.013055	4.44E-03	2.10E-05	9.67E-03	0.014125	4.21E-03	2.67E-05	1.86E-02	2.28E-02
1353	493877.33	3860352.55	0.29106	0.30043	0.3297	4.33E-03	2.12E-05	8.58E-03	0.012931	4.43E-03	2.09E-05	9.54E-03	0.013988	4.21E-03	2.65E-05	1.83E-02	2.26E-02
1354	493927.33	3860352.55	0.28762	0.29923	0.33066	4.28E-03	2.11E-05	8.60E-03	0.012905	4.37E-03	2.08E-05	9.57E-03	0.013964	4.16E-03	2.64E-05	1.84E-02	2.26E-02
1355	493977.33	3860352.55	0.28473	0.29781	0.33129	4.24E-03	2.10E-05	8.62E-03	0.012878	4.33E-03	2.07E-05	9.59E-03	0.013938	4.11E-03	2.63E-05	1.84E-02	2.25E-02
1356	494027.33	3860352.55	0.28221	0.29511	0.32811	4.20E-03	2.08E-05	8.54E-03	0.012758	4.29E-03	2.05E-05	9.49E-03	0.013807	4.08E-03	2.60E-05	1.82E-02	2.23E-02
1357	493677.33	3860402.55	0.29429	0.30264	0.34017	4.38E-03	2.14E-05	8.85E-03	0.013252	4.48E-03	2.10E-05	9.84E-03	0.01434	4.25E-03	2.67E-05	1.89E-02	2.32E-02
1358	493727.33	3860402.55	0.29183	0.30007	0.33797	4.34E-03	2.12E-05	8.79E-03	0.013158	4.44E-03	2.09E-05	9.78E-03	0.014239	4.22E-03	2.65E-05	1.88E-02	2.30E-02
1359	493777.33	3860402.55	0.29081	0.297	0.33592	4.33E-03	2.10E-05	8.74E-03	0.013089	4.42E-03	2.06E-05	9.72E-03	0.014164	4.20E-03	2.62E-05	1.87E-02	2.29E-02

1360	493827.33	3860402.55	0.28751	0.29649	0.33263	4.28E-03	2.09E-05	8.65E-03	0.012954	4.37E-03	2.06E-05	9.63E-03	0.014019	4.15E-03	2.62E-05	1.85E-02	2.27E-02
1361	493877.33	3860402.55	0.28588	0.29661	0.33103	4.26E-03	2.09E-05	8.61E-03	0.012888	4.35E-03	2.06E-05	9.58E-03	0.013948	4.13E-03	2.62E-05	1.84E-02	2.26E-02
1362	493927.33	3860402.55	0.28576	0.29716	0.3288	4.25E-03	2.10E-05	8.55E-03	0.012828	4.35E-03	2.07E-05	9.51E-03	0.013881	4.13E-03	2.62E-05	1.83E-02	2.24E-02
1363	493977.33	3860402.55	0.28675	0.29571	0.32415	4.27E-03	2.09E-05	8.43E-03	0.012722	4.36E-03	2.06E-05	9.38E-03	0.013762	4.14E-03	2.61E-05	1.80E-02	2.22E-02
1364	494027.33	3860402.55	0.28288	0.29388	0.32236	4.21E-03	2.08E-05	8.39E-03	0.012618	4.30E-03	2.04E-05	9.33E-03	0.013651	4.09E-03	2.59E-05	1.79E-02	2.20E-02
1365	493677.33	3860452.55	0.29407	0.29446	0.33878	4.38E-03	2.08E-05	8.81E-03	0.013212	4.47E-03	2.05E-05	9.80E-03	0.014296	4.25E-03	2.60E-05	1.88E-02	2.31E-02
1366	493727.33	3860452.55	0.28988	0.29488	0.33558	4.31E-03	2.08E-05	8.73E-03	0.013066	4.41E-03	2.05E-05	9.71E-03	0.01414	4.19E-03	2.60E-05	1.86E-02	2.29E-02
1367	493777.33	3860452.55	0.28709	0.29557	0.33304	4.27E-03	2.09E-05	8.66E-03	0.012958	4.37E-03	2.05E-05	9.64E-03	0.014024	4.15E-03	2.61E-05	1.85E-02	2.27E-02
1368	493827.33	3860452.55	0.28633	0.29356	0.33178	4.26E-03	2.07E-05	8.63E-03	0.012914	4.35E-03	2.04E-05	9.60E-03	0.013976	4.14E-03	2.59E-05	1.84E-02	2.26E-02
1369	493877.33	3860452.55	0.28341	0.29032	0.32968	4.22E-03	2.05E-05	8.58E-03	0.012816	4.31E-03	2.02E-05	9.54E-03	0.013871	4.10E-03	2.56E-05	1.83E-02	2.24E-02
1370	493927.33	3860452.55	0.28299	0.29098	0.3277	4.21E-03	2.05E-05	8.53E-03	0.012758	4.30E-03	2.02E-05	9.48E-03	0.013807	4.09E-03	2.57E-05	1.82E-02	2.23E-02
1371	493977.33	3860452.55	0.28036	0.29099	0.32542	4.17E-03	2.05E-05	8.47E-03	0.01266	4.26E-03	2.02E-05	9.42E-03	0.013701	4.05E-03	2.57E-05	1.81E-02	2.22E-02
1372	494027.33	3860452.55	0.27938	0.29126	0.32352	4.16E-03	2.06E-05	8.42E-03	0.012596	4.25E-03	2.02E-05	9.36E-03	0.013631	4.04E-03	2.57E-05	1.80E-02	2.20E-02
1373	493677.33	3860502.55	0.29375	0.28995	0.3392	4.37E-03	2.05E-05	8.82E-03	0.013217	4.47E-03	2.02E-05	9.82E-03	0.014303	4.24E-03	2.56E-05	1.88E-02	2.31E-02
1374	493727.33	3860502.55	0.29074	0.28902	0.33483	4.33E-03	2.04E-05	8.71E-03	0.013059	4.42E-03	2.01E-05	9.69E-03	0.014131	4.20E-03	2.55E-05	1.86E-02	2.28E-02
1375	493777.33	3860502.55	0.28733	0.28767	0.33147	4.28E-03	2.03E-05	8.62E-03	0.012921	4.37E-03	2.00E-05	9.59E-03	0.013982	4.15E-03	2.54E-05	1.84E-02	2.26E-02
1376	493827.33	3860502.55	0.28506	0.28865	0.32929	4.24E-03	2.04E-05	8.57E-03	0.01283	4.34E-03	2.01E-05	9.53E-03	0.013884	4.12E-03	2.55E-05	1.83E-02	2.24E-02
1377	493877.33	3860502.55	0.28215	0.28992	0.32727	4.20E-03	2.05E-05	8.51E-03	0.012734	4.29E-03	2.02E-05	9.47E-03	0.013782	4.08E-03	2.56E-05	1.82E-02	2.23E-02
1378	493927.33	3860502.55	0.28199	0.28832	0.32662	4.20E-03	2.04E-05	8.50E-03	0.012715	4.29E-03	2.00E-05	9.45E-03	0.01376	4.07E-03	2.54E-05	1.81E-02	2.22E-02
1379	493977.33	3860502.55	0.27894	0.28414	0.32443	4.15E-03	2.01E-05	8.44E-03	0.012612	4.24E-03	1.97E-05	9.39E-03	0.01365	4.03E-03	2.51E-05	1.80E-02	2.21E-02
1380	494027.33	3860502.55	0.27537	0.28456	0.32144	4.10E-03	2.01E-05	8.36E-03	0.012481	4.19E-03	1.98E-05	9.30E-03	0.013509	3.98E-03	2.51E-05	1.79E-02	2.19E-02
1381	493627.33	3860552.55	0.29247	0.29348	0.34505	4.35E-03	2.07E-05	8.98E-03	0.013351	4.45E-03	2.04E-05	9.98E-03	0.014453	4.23E-03	2.59E-05	1.92E-02	2.34E-02
1382	493677.33	3860552.55	0.28896	0.29112	0.34054	4.30E-03	2.06E-05	8.86E-03	0.013181	4.39E-03	2.02E-05	9.85E-03	0.014269	4.18E-03	2.57E-05	1.89E-02	2.31E-02
1383	493727.33	3860552.55	0.28763	0.287	0.3374	4.28E-03	2.03E-05	8.78E-03	0.013079	4.37E-03	1.99E-05	9.76E-03	0.014158	4.16E-03	2.53E-05	1.87E-02	2.29E-02
1384	493777.33	3860552.55	0.28689	0.28529	0.33318	4.27E-03	2.01E-05	8.67E-03	0.012958	4.36E-03	1.98E-05	9.64E-03	0.014024	4.15E-03	2.52E-05	1.85E-02	2.27E-02
1385	493827.33	3860552.55	0.28574	0.28401	0.32954	4.25E-03	2.01E-05	8.57E-03	0.012847	4.35E-03	1.97E-05	9.54E-03	0.013902	4.13E-03	2.51E-05	1.83E-02	2.25E-02
1386	493877.33	3860552.55	0.28242	0.28293	0.32558	4.20E-03	2.00E-05	8.47E-03	0.012694	4.30E-03	1.97E-05	9.42E-03	0.013736	4.08E-03	2.50E-05	1.81E-02	2.22E-02
1387	493927.33	3860552.55	0.27968	0.28297	0.3236	4.16E-03	2.00E-05	8.42E-03	0.012602	4.25E-03	1.97E-05	9.36E-03	0.013637	4.04E-03	2.50E-05	1.80E-02	2.20E-02
1388	493977.33	3860552.55	0.27681	0.28441	0.32171	4.12E-03	2.01E-05	8.37E-03	0.01251	4.21E-03	1.98E-05	9.31E-03	0.013539	4.00E-03	2.51E-05	1.79E-02	2.19E-02
1389	494027.33	3860552.55	0.27577	0.28231	0.32024	4.10E-03	1.99E-05	8.33E-03	0.012456	4.19E-03	1.96E-05	9.27E-03	0.013481	3.98E-03	2.49E-05	1.78E-02	2.18E-02
1390	493627.33	3860602.55	0.29313	0.29553	0.3434	4.36E-03	2.09E-05	8.93E-03	0.013318	4.46E-03	2.05E-05	9.94E-03	0.014416	4.24E-03	2.61E-05	1.91E-02	2.33E-02
1391	493727.33	3860602.55	0.28537	0.28743	0.33674	4.25E-03	2.03E-05	8.76E-03	0.013029	4.34E-03	2.00E-05	9.74E-03	0.014104	4.12E-03	2.54E-05	1.87E-02	2.29E-02
1392	493777.33	3860602.55	0.28265	0.28646	0.33384	4.21E-03	2.02E-05	8.69E-03	0.012913	4.30E-03	1.99E-05	9.66E-03	0.013979	4.08E-03	2.53E-05	1.86E-02	2.27E-02
1393	493827.33	3860602.55	0.2813	0.28314	0.33188	4.19E-03	2.00E-05	8.63E-03	0.012841	4.28E-03	1.97E-05	9.60E-03	0.013902	4.06E-03	2.50E-05	1.84E-02	2.25E-02
1394	493877.33	3860602.55	0.28106	0.28196	0.32885	4.18E-03	1.99E-05	8.56E-03	0.012759	4.27E-03	1.96E-05	9.52E-03	0.01381	4.06E-03	2.49E-05	1.83E-02	2.24E-02
1395	493927.33	3860602.55	0.28039	0.28005	0.32481	4.17E-03	1.98E-05	8.45E-03	0.012644	4.26E-03	1.95E-05	9.40E-03	0.013683	4.05E-03	2.47E-05	1.80E-02	2.21E-02
1396	493977.33	3860602.55	0.27797	0.279	0.32128	4.14E-03	1.97E-05	8.36E-03	0.012516	4.23E-03	1.94E-05	9.30E-03	0.013544	4.02E-03	2.46E-05	1.79E-02	2.19E-02
1397	494027.33	3860602.55	0.27423	0.27769	0.31762	4.08E-03	1.96E-05	8.26E-03	0.012365	4.17E-03	1.93E-05	9.19E-03	0.013381	3.96E-03	2.45E-05	1.76E-02	2.16E-02
1398	493627.33	3860652.55	0.28797	0.29599	0.34051	4.29E-03	2.09E-05	8.86E-03	0.013166	4.38E-03	2.06E-05	9.85E-03	0.014254	4.16E-03	2.61E-05	1.89E-02	2.31E-02
1399	493727.33	3860652.55	0.28658	0.28943	0.33392	4.27E-03	2.04E-05	8.69E-03	0.012973	4.36E-03	2.01E-05	9.66E-03	0.014041	4.14E-03	2.55E-05	1.86E-02	2.27E-02
1400	493777.33	3860652.55	0.28387	0.28619	0.33432	4.23E-03	2.02E-05	8.70E-03	0.012943	4.32E-03	1.99E-05	9.67E-03	0.014012	4.10E-03	2.53E-05	1.86E-02	2.27E-02
1401	493827.33	3860652.55	0.28089	0.28424	0.33235	4.18E-03	2.01E-05	8.65E-03	0.012847	4.27E-03	1.98E-05	9.62E-03	0.013909	4.06E-03	2.51E-05	1.85E-02	2.26E-02
1402	493877.33	3860652.55	0.27732	0.28278	0.32885	4.13E-03	2.00E-05	8.56E-03	0.012703	4.22E-03	1.97E-05	9.52E-03	0.013753	4.01E-03	2.50E-05	1.83E-02	2.23E-02
1403	493927.33	3860652.55	0.27564	0.28011	0.32645	4.10E-03	1.98E-05	8.49E-03	0.012616	4.19E-03	1.95E-05	9.45E-03	0.013658	3.98E-03	2.47E-05	1.81E-02	2.21E-02
1404	493977.33	3860652.55	0.27509	0.27836	0.32369	4.09E-03	1.97E-05	8.42E-03	0.012535	4.18E-03	1.93E-05	9.37E-03	0.01357	3.98E-03	2.46E-05	1.80E-02	2.20E-02
1405	494027.33	3860652.55	0.27474	0.2763	0.32053	4.09E-03	1.95E-05	8.34E-03	0.012448	4.18E-03	1.92E-05	9.28E-03	0.013473	3.97E-03	2.44E-05	1.78E-02	2.18E-02
1406	494311.06	3858401.99	0.14766	0.15249	0.15406	2.20E-03	1.08E-05	4.01E-03	0.006217	2.25E-03	1.06E-05	4.46E-03	0.006714	2.13E-03	1.35E-05	8.56E-03	1.07E-02

1407	494361.06	3858401.99	0.14473	0.14928	0.15132	2.15E-03	1.05E-05	3.94E-03	0.006102	2.20E-03	1.04E-05	4.38E-03	0.00659	2.09E-03	1.32E-05	8.41E-03	1.05E-02
1408	494411.06	3858401.99	0.14292	0.14673	0.1496	2.13E-03	1.04E-05	3.89E-03	0.00603	2.17E-03	1.02E-05	4.33E-03	0.006513	2.07E-03	1.29E-05	8.31E-03	1.04E-02
1409	494461.06	3858401.99	0.14237	0.1455	0.14889	2.12E-03	1.03E-05	3.87E-03	0.006003	2.17E-03	1.01E-05	4.31E-03	0.006484	2.06E-03	1.28E-05	8.27E-03	1.03E-02
1410	494511.06	3858401.99	0.14043	0.14477	0.14698	2.09E-03	1.02E-05	3.82E-03	0.005924	2.14E-03	1.01E-05	4.25E-03	0.006399	2.03E-03	1.28E-05	8.17E-03	1.02E-02
1411	494561.06	3858401.99	0.13966	0.14549	0.1461	2.08E-03	1.03E-05	3.80E-03	0.00589	2.12E-03	1.01E-05	4.23E-03	0.006362	2.02E-03	1.28E-05	8.12E-03	1.01E-02
1412	494611.06	3858401.99	0.13755	0.14411	0.1441	2.05E-03	1.02E-05	3.75E-03	0.005806	2.09E-03	1.00E-05	4.17E-03	0.006272	1.99E-03	1.27E-05	8.01E-03	1.00E-02
1413	494661.06	3858401.99	0.13594	0.14201	0.14235	2.02E-03	1.00E-05	3.70E-03	0.005737	2.07E-03	9.87E-06	4.12E-03	0.006197	1.96E-03	1.25E-05	7.91E-03	9.89E-03
1414	494711.06	3858401.99	0.1332	0.13923	0.13989	1.98E-03	9.83E-06	3.64E-03	0.005632	2.03E-03	9.68E-06	4.05E-03	0.006084	1.92E-03	1.23E-05	7.77E-03	9.71E-03
1415	494761.06	3858401.99	0.1321	0.13783	0.13876	1.97E-03	9.73E-06	3.61E-03	0.005586	2.01E-03	9.58E-06	4.02E-03	0.006034	1.91E-03	1.22E-05	7.71E-03	9.63E-03
1416	494811.06	3858401.99	0.13011	0.13596	0.13701	1.94E-03	9.60E-06	3.56E-03	0.005511	1.98E-03	9.45E-06	3.96E-03	0.005953	1.88E-03	1.20E-05	7.61E-03	9.51E-03
1417	494861.06	3858401.99	0.12843	0.13351	0.13544	1.91E-03	9.43E-06	3.52E-03	0.005445	1.95E-03	9.28E-06	3.92E-03	0.005882	1.86E-03	1.18E-05	7.53E-03	9.39E-03
1418	494911.06	3858401.99	0.12673	0.1305	0.13378	1.89E-03	9.21E-06	3.48E-03	0.005376	1.93E-03	9.07E-06	3.87E-03	0.005808	1.83E-03	1.15E-05	7.43E-03	9.28E-03
1419	494961.06	3858401.99	0.12491	0.12772	0.13201	1.86E-03	9.02E-06	3.43E-03	0.005303	1.90E-03	8.88E-06	3.82E-03	0.005729	1.80E-03	1.13E-05	7.34E-03	9.15E-03
1420	495011.06	3858401.99	0.12267	0.12316	0.12956	1.83E-03	8.70E-06	3.37E-03	0.005205	1.87E-03	8.56E-06	3.75E-03	0.005623	1.77E-03	1.09E-05	7.20E-03	8.98E-03
1421	495061.06	3858401.99	0.12112	0.1213	0.12781	1.80E-03	8.56E-06	3.33E-03	0.005137	1.84E-03	8.43E-06	3.70E-03	0.005549	1.75E-03	1.07E-05	7.10E-03	8.86E-03
1422	495111.06	3858401.99	0.11811	0.11714	0.1244	1.76E-03	8.27E-06	3.24E-03	0.005003	1.80E-03	8.14E-06	3.60E-03	0.005404	1.71E-03	1.03E-05	6.91E-03	8.63E-03
1423	495161.06	3858401.99	0.11772	0.11609	0.12385	1.75E-03	8.20E-06	3.22E-03	0.004983	1.79E-03	8.07E-06	3.58E-03	0.005382	1.70E-03	1.02E-05	6.88E-03	8.59E-03
1424	495211.06	3858401.99	0.11494	0.11182	0.12091	1.71E-03	7.90E-06	3.15E-03	0.004864	1.75E-03	7.77E-06	3.50E-03	0.005255	1.66E-03	9.87E-06	6.72E-03	8.39E-03
1425	495261.06	3858401.99	0.11338	0.11061	0.11935	1.69E-03	7.81E-06	3.10E-03	0.0048	1.72E-03	7.69E-06	3.45E-03	0.005186	1.64E-03	9.76E-06	6.63E-03	8.28E-03
1426	495311.06	3858401.99	0.11174	0.10923	0.118	1.66E-03	7.71E-06	3.07E-03	0.004741	1.70E-03	7.59E-06	3.41E-03	0.005122	1.61E-03	9.64E-06	6.56E-03	8.18E-03
1427	495361.06	3858401.99	0.11075	0.1078	0.11715	1.65E-03	7.61E-06	3.05E-03	0.004704	1.68E-03	7.49E-06	3.39E-03	0.005082	1.60E-03	9.51E-06	6.51E-03	8.12E-03
1428	495411.06	3858401.99	0.11029	0.10808	0.11678	1.64E-03	7.63E-06	3.04E-03	0.004687	1.68E-03	7.51E-06	3.38E-03	0.005064	1.59E-03	9.54E-06	6.49E-03	8.09E-03
1429	495461.06	3858401.99	0.11003	0.10829	0.11659	1.64E-03	7.65E-06	3.03E-03	0.004679	1.67E-03	7.53E-06	3.37E-03	0.005055	1.59E-03	9.55E-06	6.48E-03	8.08E-03
1430	495511.06	3858401.99	0.10956	0.10849	0.11623	1.63E-03	7.66E-06	3.02E-03	0.004662	1.67E-03	7.54E-06	3.36E-03	0.005037	1.58E-03	9.57E-06	6.46E-03	8.05E-03
1431	495561.06	3858401.99	0.10828	0.10756	0.11469	1.61E-03	7.59E-06	2.98E-03	0.004603	1.65E-03	7.48E-06	3.32E-03	0.004973	1.56E-03	9.49E-06	6.37E-03	7.95E-03
1432	495611.06	3858401.99	0.10795	0.10754	0.11435	1.61E-03	7.59E-06	2.97E-03	0.004589	1.64E-03	7.47E-06	3.31E-03	0.004958	1.56E-03	9.49E-06	6.35E-03	7.92E-03
1433	495661.06	3858401.99	0.10885	0.1095	0.11501	1.62E-03	7.73E-06	2.99E-03	0.00462	1.66E-03	7.61E-06	3.33E-03	0.004991	1.57E-03	9.66E-06	6.39E-03	7.97E-03
1434	494311.06	3858451.99	0.15369	0.15679	0.15907	2.29E-03	1.11E-05	4.14E-03	0.006437	2.34E-03	1.09E-05	4.60E-03	0.006951	2.22E-03	1.38E-05	8.84E-03	1.11E-02
1435	494361.06	3858451.99	0.15118	0.15506	0.15644	2.25E-03	1.09E-05	4.07E-03	0.006331	2.30E-03	1.08E-05	4.53E-03	0.006837	2.18E-03	1.37E-05	8.69E-03	1.09E-02
1436	494411.06	3858451.99	0.14884	0.15372	0.15435	2.22E-03	1.09E-05	4.02E-03	0.006242	2.26E-03	1.07E-05	4.47E-03	0.006741	2.15E-03	1.36E-05	8.58E-03	1.07E-02
1437	494461.06	3858451.99	0.14733	0.15235	0.15267	2.19E-03	1.08E-05	3.97E-03	0.006176	2.24E-03	1.06E-05	4.42E-03	0.006669	2.13E-03	1.34E-05	8.48E-03	1.06E-02
1438	494511.06	3858451.99	0.14659	0.15042	0.15169	2.18E-03	1.06E-05	3.95E-03	0.006139	2.23E-03	1.05E-05	4.39E-03	0.006629	2.12E-03	1.33E-05	8.43E-03	1.06E-02
1439	494561.06	3858451.99	0.1441	0.14758	0.14958	2.14E-03	1.04E-05	3.89E-03	0.006047	2.19E-03	1.03E-05	4.33E-03	0.00653	2.08E-03	1.30E-05	8.31E-03	1.04E-02
1440	494611.06	3858451.99	0.14257	0.146	0.14819	2.12E-03	1.03E-05	3.86E-03	0.005988	2.17E-03	1.01E-05	4.29E-03	0.006467	2.06E-03	1.29E-05	8.23E-03	1.03E-02
1441	494661.06	3858451.99	0.14068	0.14579	0.14665	2.09E-03	1.03E-05	3.82E-03	0.00592	2.14E-03	1.01E-05	4.24E-03	0.006393	2.03E-03	1.29E-05	8.15E-03	1.02E-02
1442	494711.06	3858451.99	0.13811	0.14549	0.1446	2.06E-03	1.03E-05	3.76E-03	0.005828	2.10E-03	1.01E-05	4.18E-03	0.006295	2.00E-03	1.28E-05	8.03E-03	1.00E-02
1443	494761.06	3858451.99	0.13549	0.14345	0.14227	2.02E-03	1.01E-05	3.70E-03	0.005728	2.06E-03	9.97E-06	4.12E-03	0.006188	1.96E-03	1.27E-05	7.91E-03	9.88E-03
1444	494811.06	3858451.99	0.13375	0.14183	0.14057	1.99E-03	1.00E-05	3.66E-03	0.005658	2.03E-03	9.86E-06	4.07E-03	0.006112	1.93E-03	1.25E-05	7.81E-03	9.76E-03
1445	494861.06	3858451.99	0.13182	0.13877	0.13838	1.96E-03	9.80E-06	3.60E-03	0.005572	2.00E-03	9.64E-06	4.00E-03	0.006019	1.90E-03	1.22E-05	7.69E-03	9.61E-03
1446	494911.06	3858451.99	0.12789	0.13537	0.13582	1.90E-03	9.56E-06	3.53E-03	0.005447	1.95E-03	9.41E-06	3.93E-03	0.005885	1.85E-03	1.19E-05	7.55E-03	9.41E-03
1447	494961.06	3858451.99	0.12661	0.13288	0.13364	1.88E-03	9.38E-06	3.48E-03	0.005371	1.93E-03	9.24E-06	3.87E-03	0.005802	1.83E-03	1.17E-05	7.43E-03	9.27E-03
1448	495011.06	3858451.99	0.12426	0.12923	0.13125	1.85E-03	9.12E-06	3.41E-03	0.005273	1.89E-03	8.98E-06	3.80E-03	0.005697	1.80E-03	1.14E-05	7.29E-03	9.10E-03
1449	495061.06	3858451.99	0.12332	0.12746	0.13018	1.84E-03	9.00E-06	3.39E-03	0.005231	1.88E-03	8.86E-06	3.77E-03	0.005651	1.78E-03	1.12E-05	7.23E-03	9.03E-03
1450	495111.06	3858451.99	0.12136	0.1248	0.12761	1.81E-03	8.81E-06	3.32E-03	0.005135	1.85E-03	8.67E-06	3.69E-03	0.005547	1.75E-03	1.10E-05	7.09E-03	8.86E-03
1451	495161.06	3858451.99	0.11918	0.12009	0.12432	1.77E-03	8.48E-06	3.23E-03	0.005017	1.81E-03	8.35E-06	3.60E-03	0.005418	1.72E-03	1.06E-05	6.91E-03	8.64E-03
1452	495211.06	3858451.99	0.11697	0.11688	0.12202	1.74E-03	8.25E-06	3.17E-03	0.004924	1.78E-03	8.12E-06	3.53E-03	0.005318	1.69E-03	1.03E-05	6.78E-03	8.48E-03
1453	495261.06	3858451.99	0.11552	0.11517	0.12082	1.72E-03	8.13E-06	3.14E-03	0.004871	1.76E-03	8.00E-06	3.50E-03	0.005261	1.67E-03	1.02E-05	6.71E-03	8.39E-03

1454	495311.06	3858451.99	0.11434	0.11326	0.11967	1.70E-03	8.00E-06	3.11E-03	0.004823	1.74E-03	7.87E-06	3.46E-03	0.00521	1.65E-03	9.99E-06	6.65E-03	8.31E-03
1455	495361.06	3858451.99	0.11339	0.11119	0.11868	1.69E-03	7.85E-06	3.09E-03	0.004783	1.72E-03	7.73E-06	3.43E-03	0.005167	1.64E-03	9.81E-06	6.59E-03	8.24E-03
1456	495411.06	3858451.99	0.11305	0.10962	0.11823	1.68E-03	7.74E-06	3.08E-03	0.004766	1.72E-03	7.62E-06	3.42E-03	0.005148	1.63E-03	9.67E-06	6.57E-03	8.21E-03
1457	495461.06	3858451.99	0.11281	0.10921	0.11807	1.68E-03	7.71E-06	3.07E-03	0.004759	1.72E-03	7.59E-06	3.42E-03	0.00514	1.63E-03	9.64E-06	6.56E-03	8.20E-03
1458	495511.06	3858451.99	0.11167	0.10841	0.11708	1.66E-03	7.65E-06	3.05E-03	0.004716	1.70E-03	7.53E-06	3.39E-03	0.005094	1.61E-03	9.57E-06	6.51E-03	8.13E-03
1459	495561.06	3858451.99	0.11191	0.10887	0.1174	1.67E-03	7.69E-06	3.05E-03	0.004728	1.70E-03	7.57E-06	3.40E-03	0.005107	1.62E-03	9.61E-06	6.52E-03	8.15E-03
1460	495611.06	3858451.99	0.11046	0.10808	0.11614	1.64E-03	7.63E-06	3.02E-03	0.004673	1.68E-03	7.51E-06	3.36E-03	0.005048	1.60E-03	9.54E-06	6.45E-03	8.06E-03
1461	495661.06	3858451.99	0.11043	0.10892	0.11611	1.64E-03	7.69E-06	3.02E-03	0.004672	1.68E-03	7.57E-06	3.36E-03	0.005047	1.60E-03	9.61E-06	6.45E-03	8.06E-03
1462	494311.06	3858501.99	0.15575	0.15689	0.16215	2.32E-03	1.11E-05	4.22E-03	0.006548	2.37E-03	1.09E-05	4.69E-03	0.007072	2.25E-03	1.38E-05	9.01E-03	1.13E-02
1463	494361.06	3858501.99	0.15433	0.15739	0.16047	2.30E-03	1.11E-05	4.17E-03	0.006483	2.35E-03	1.09E-05	4.64E-03	0.007002	2.23E-03	1.39E-05	8.92E-03	1.12E-02
1464	494411.06	3858501.99	0.15239	0.15609	0.15811	2.27E-03	1.10E-05	4.11E-03	0.006393	2.32E-03	1.08E-05	4.58E-03	0.006904	2.20E-03	1.38E-05	8.79E-03	1.10E-02
1465	494461.06	3858501.99	0.15151	0.15515	0.157	2.26E-03	1.10E-05	4.08E-03	0.006351	2.30E-03	1.08E-05	4.54E-03	0.006858	2.19E-03	1.37E-05	8.72E-03	1.09E-02
1466	494511.06	3858501.99	0.1484	0.15286	0.1545	2.21E-03	1.08E-05	4.02E-03	0.006239	2.26E-03	1.06E-05	4.47E-03	0.006738	2.14E-03	1.35E-05	8.58E-03	1.07E-02
1467	494561.06	3858501.99	0.14971	0.15399	0.15508	2.23E-03	1.09E-05	4.03E-03	0.006274	2.28E-03	1.07E-05	4.49E-03	0.006775	2.16E-03	1.36E-05	8.62E-03	1.08E-02
1468	494611.06	3858501.99	0.1467	0.15219	0.15268	2.18E-03	1.07E-05	3.97E-03	0.006166	2.23E-03	1.06E-05	4.42E-03	0.00666	2.12E-03	1.34E-05	8.48E-03	1.06E-02
1469	494661.06	3858501.99	0.14533	0.1505	0.15118	2.16E-03	1.06E-05	3.93E-03	0.006107	2.21E-03	1.05E-05	4.37E-03	0.006595	2.10E-03	1.33E-05	8.40E-03	1.05E-02
1470	494711.06	3858501.99	0.14303	0.14614	0.14878	2.13E-03	1.03E-05	3.87E-03	0.00601	2.18E-03	1.02E-05	4.31E-03	0.006491	2.07E-03	1.29E-05	8.27E-03	1.03E-02
1471	494761.06	3858501.99	0.13977	0.14437	0.14623	2.08E-03	1.02E-05	3.80E-03	0.005895	2.13E-03	1.00E-05	4.23E-03	0.006367	2.02E-03	1.27E-05	8.13E-03	1.02E-02
1472	494811.06	3858501.99	0.13727	0.14257	0.14406	2.04E-03	1.01E-05	3.75E-03	0.005801	2.09E-03	9.91E-06	4.17E-03	0.006266	1.98E-03	1.26E-05	8.00E-03	1.00E-02
1473	494861.06	3858501.99	0.1356	0.14184	0.14257	2.02E-03	1.00E-05	3.71E-03	0.005737	2.06E-03	9.86E-06	4.13E-03	0.006198	1.96E-03	1.25E-05	7.92E-03	9.89E-03
1474	494911.06	3858501.99	0.13199	0.13938	0.1389	1.96E-03	9.84E-06	3.61E-03	0.005588	2.01E-03	9.69E-06	4.02E-03	0.006036	1.91E-03	1.23E-05	7.72E-03	9.64E-03
1475	494961.06	3858501.99	0.13039	0.13919	0.13729	1.94E-03	9.83E-06	3.57E-03	0.005522	1.98E-03	9.67E-06	3.97E-03	0.005966	1.88E-03	1.23E-05	7.63E-03	9.53E-03
1476	495011.06	3858501.99	0.127	0.13597	0.13444	1.89E-03	9.60E-06	3.50E-03	0.005398	1.93E-03	9.45E-06	3.89E-03	0.005831	1.84E-03	1.20E-05	7.47E-03	9.32E-03
1477	495061.06	3858501.99	0.12569	0.13455	0.13331	1.87E-03	9.50E-06	3.47E-03	0.005349	1.91E-03	9.35E-06	3.86E-03	0.005779	1.82E-03	1.19E-05	7.41E-03	9.24E-03
1478	495111.06	3858501.99	0.12205	0.12965	0.12943	1.82E-03	9.15E-06	3.37E-03	0.005193	1.86E-03	9.01E-06	3.75E-03	0.005611	1.76E-03	1.14E-05	7.19E-03	8.97E-03
1479	495161.06	3858501.99	0.12012	0.12586	0.12713	1.79E-03	8.89E-06	3.31E-03	0.005104	1.83E-03	8.75E-06	3.68E-03	0.005514	1.74E-03	1.11E-05	7.06E-03	8.81E-03
1480	495211.06	3858501.99	0.11848	0.12219	0.1249	1.76E-03	8.63E-06	3.25E-03	0.005022	1.80E-03	8.49E-06	3.61E-03	0.005425	1.71E-03	1.08E-05	6.94E-03	8.66E-03
1481	495261.06	3858501.99	0.11729	0.12048	0.12328	1.75E-03	8.51E-06	3.21E-03	0.004962	1.78E-03	8.37E-06	3.57E-03	0.00536	1.69E-03	1.06E-05	6.85E-03	8.56E-03
1482	495311.06	3858501.99	0.11659	0.11917	0.12245	1.74E-03	8.41E-06	3.19E-03	0.004929	1.77E-03	8.28E-06	3.54E-03	0.005325	1.68E-03	1.05E-05	6.80E-03	8.50E-03
1483	495361.06	3858501.99	0.11595	0.11686	0.12164	1.73E-03	8.25E-06	3.16E-03	0.004899	1.76E-03	8.12E-06	3.52E-03	0.005292	1.68E-03	1.03E-05	6.76E-03	8.44E-03
1484	495411.06	3858501.99	0.11553	0.11525	0.1211	1.72E-03	8.14E-06	3.15E-03	0.004878	1.76E-03	8.01E-06	3.50E-03	0.005269	1.67E-03	1.02E-05	6.73E-03	8.41E-03
1485	495461.06	3858501.99	0.11511	0.11477	0.12056	1.71E-03	8.10E-06	3.14E-03	0.004858	1.75E-03	7.98E-06	3.49E-03	0.005247	1.66E-03	1.01E-05	6.70E-03	8.37E-03
1486	495511.06	3858501.99	0.11443	0.11407	0.11981	1.70E-03	8.05E-06	3.12E-03	0.004828	1.74E-03	7.93E-06	3.47E-03	0.005215	1.65E-03	1.01E-05	6.66E-03	8.32E-03
1487	495561.06	3858501.99	0.11451	0.11422	0.1202	1.70E-03	8.06E-06	3.13E-03	0.00484	1.74E-03	7.94E-06	3.48E-03	0.005228	1.65E-03	1.01E-05	6.68E-03	8.34E-03
1488	495611.06	3858501.99	0.11326	0.11081	0.11862	1.69E-03	7.82E-06	3.09E-03	0.00478	1.72E-03	7.70E-06	3.43E-03	0.005163	1.64E-03	9.78E-06	6.59E-03	8.24E-03
1489	495661.06	3858501.99	0.11353	0.11092	0.11886	1.69E-03	7.83E-06	3.09E-03	0.00479	1.73E-03	7.71E-06	3.44E-03	0.005174	1.64E-03	9.79E-06	6.60E-03	8.25E-03
1490	494311.06	3858551.99	0.15263	0.15087	0.15911	2.27E-03	1.07E-05	4.14E-03	0.006422	2.32E-03	1.05E-05	4.60E-03	0.006936	2.21E-03	1.33E-05	8.84E-03	1.11E-02
1491	494361.06	3858551.99	0.15333	0.15246	0.16154	2.28E-03	1.08E-05	4.20E-03	0.006496	2.33E-03	1.06E-05	4.67E-03	0.007017	2.22E-03	1.35E-05	8.98E-03	1.12E-02
1492	494411.06	3858551.99	0.15688	0.15734	0.16369	2.34E-03	1.11E-05	4.26E-03	0.006605	2.39E-03	1.09E-05	4.74E-03	0.007134	2.27E-03	1.39E-05	9.10E-03	1.14E-02
1493	494461.06	3858551.99	0.15706	0.15739	0.16353	2.34E-03	1.11E-05	4.25E-03	0.006603	2.39E-03	1.09E-05	4.73E-03	0.007132	2.27E-03	1.39E-05	9.09E-03	1.14E-02
1494	494511.06	3858551.99	0.15585	0.15754	0.16241	2.32E-03	1.11E-05	4.23E-03	0.006556	2.37E-03	1.09E-05	4.70E-03	0.007081	2.25E-03	1.39E-05	9.02E-03	1.13E-02
1495	494561.06	3858551.99	0.15501	0.15773	0.16098	2.31E-03	1.11E-05	4.19E-03	0.006506	2.36E-03	1.10E-05	4.66E-03	0.007027	2.24E-03	1.39E-05	8.95E-03	1.12E-02
1496	494611.06	3858551.99	0.15333	0.15717	0.15934	2.28E-03	1.11E-05	4.15E-03	0.006439	2.33E-03	1.09E-05	4.61E-03	0.006954	2.22E-03	1.39E-05	8.85E-03	1.11E-02
1497	494661.06	3858551.99	0.15169	0.1556	0.15777	2.26E-03	1.10E-05	4.10E-03	0.006373	2.31E-03	1.08E-05	4.57E-03	0.006883	2.19E-03	1.37E-05	8.77E-03	1.10E-02
1498	494711.06	3858551.99	0.14856	0.15208	0.15506	2.21E-03	1.07E-05	4.03E-03	0.006256	2.26E-03	1.06E-05	4.49E-03	0.006757	2.15E-03	1.34E-05	8.62E-03	1.08E-02
1499	494761.06	3858551.99	0.1452	0.14825	0.15209	2.16E-03	1.05E-05	3.96E-03	0.006128	2.21E-03	1.03E-05	4.40E-03	0.00662	2.10E-03	1.31E-05	8.45E-03	1.06E-02
1500	494811.06	3858551.99	0.14234	0.14657	0.14957	2.12E-03	1.03E-05	3.89E-03	0.00602	2.16E-03	1.02E-05	4.33E-03	0.006503	2.06E-03	1.29E-05	8.31E-03	1.04E-02

1501	494861.06	3858551.99	0.13958	0.14379	0.1464	2.08E-03	1.02E-05	3.81E-03	0.005896	2.12E-03	9.99E-06	4.24E-03	0.006369	2.02E-03	1.27E-05	8.13E-03	1.02E-02
1502	494911.06	3858551.99	0.13632	0.14156	0.14297	2.03E-03	1.00E-05	3.72E-03	0.005759	2.07E-03	9.84E-06	4.14E-03	0.00622	1.97E-03	1.25E-05	7.94E-03	9.93E-03
1503	494961.06	3858551.99	0.13387	0.1397	0.14006	1.99E-03	9.86E-06	3.64E-03	0.005646	2.04E-03	9.71E-06	4.05E-03	0.006099	1.93E-03	1.23E-05	7.78E-03	9.73E-03
1504	495011.06	3858551.99	0.13059	0.13744	0.13664	1.94E-03	9.70E-06	3.55E-03	0.005508	1.99E-03	9.55E-06	3.95E-03	0.00595	1.89E-03	1.21E-05	7.59E-03	9.49E-03
1505	495061.06	3858551.99	0.12887	0.1364	0.13499	1.92E-03	9.63E-06	3.51E-03	0.00544	1.96E-03	9.48E-06	3.91E-03	0.005876	1.86E-03	1.20E-05	7.50E-03	9.38E-03
1506	495111.06	3858551.99	0.12473	0.13336	0.13145	1.86E-03	9.42E-06	3.42E-03	0.005286	1.90E-03	9.27E-06	3.80E-03	0.00571	1.80E-03	1.18E-05	7.30E-03	9.12E-03
1507	495161.06	3858551.99	0.12207	0.13216	0.12932	1.82E-03	9.33E-06	3.36E-03	0.005191	1.86E-03	9.19E-06	3.74E-03	0.005608	1.76E-03	1.17E-05	7.19E-03	8.96E-03
1508	495211.06	3858551.99	0.12003	0.12997	0.1274	1.79E-03	9.18E-06	3.31E-03	0.00511	1.83E-03	9.03E-06	3.69E-03	0.005521	1.73E-03	1.15E-05	7.08E-03	8.83E-03
1509	495261.06	3858551.99	0.1188	0.12827	0.1263	1.77E-03	9.06E-06	3.29E-03	0.005063	1.81E-03	8.92E-06	3.65E-03	0.005471	1.72E-03	1.13E-05	7.02E-03	8.75E-03
1510	495311.06	3858551.99	0.11845	0.12649	0.12584	1.76E-03	8.93E-06	3.27E-03	0.005046	1.80E-03	8.79E-06	3.64E-03	0.005452	1.71E-03	1.12E-05	6.99E-03	8.72E-03
1511	495361.06	3858551.99	0.11792	0.1242	0.12505	1.76E-03	8.77E-06	3.25E-03	0.005017	1.79E-03	8.63E-06	3.62E-03	0.005421	1.70E-03	1.10E-05	6.95E-03	8.66E-03
1512	495411.06	3858551.99	0.11796	0.12333	0.12472	1.76E-03	8.71E-06	3.24E-03	0.005009	1.79E-03	8.57E-06	3.61E-03	0.005412	1.70E-03	1.09E-05	6.93E-03	8.65E-03
1513	495461.06	3858551.99	0.11764	0.122	0.12407	1.75E-03	8.61E-06	3.23E-03	0.004987	1.79E-03	8.48E-06	3.59E-03	0.005388	1.70E-03	1.08E-05	6.89E-03	8.60E-03
1514	495511.06	3858551.99	0.11757	0.12212	0.12374	1.75E-03	8.62E-06	3.22E-03	0.004978	1.79E-03	8.49E-06	3.58E-03	0.005377	1.70E-03	1.08E-05	6.88E-03	8.59E-03
1515	495561.06	3858551.99	0.11705	0.12053	0.12316	1.74E-03	8.51E-06	3.20E-03	0.004955	1.78E-03	8.38E-06	3.56E-03	0.005352	1.69E-03	1.06E-05	6.84E-03	8.55E-03
1516	495611.06	3858551.99	0.11626	0.11824	0.12241	1.73E-03	8.35E-06	3.18E-03	0.004923	1.77E-03	8.22E-06	3.54E-03	0.005319	1.68E-03	1.04E-05	6.80E-03	8.49E-03
1517	495661.06	3858551.99	0.11538	0.11623	0.12155	1.72E-03	8.21E-06	3.16E-03	0.004888	1.75E-03	8.08E-06	3.52E-03	0.00528	1.67E-03	1.03E-05	6.75E-03	8.43E-03
1518	494311.06	3858601.99	0.14559	0.14782	0.15249	2.17E-03	1.04E-05	3.97E-03	0.006145	2.21E-03	1.03E-05	4.41E-03	0.006637	2.10E-03	1.30E-05	8.47E-03	1.06E-02
1519	494361.06	3858601.99	0.15352	0.15363	0.16154	2.29E-03	1.08E-05	4.20E-03	0.006499	2.33E-03	1.07E-05	4.67E-03	0.00702	2.22E-03	1.36E-05	8.98E-03	1.12E-02
1520	494411.06	3858601.99	0.16347	0.16388	0.17074	2.43E-03	1.16E-05	4.44E-03	0.006887	2.49E-03	1.14E-05	4.94E-03	0.007438	2.36E-03	1.45E-05	9.49E-03	1.19E-02
1521	494461.06	3858601.99	0.16265	0.16309	0.17066	2.42E-03	1.15E-05	4.44E-03	0.006872	2.47E-03	1.13E-05	4.94E-03	0.007423	2.35E-03	1.44E-05	9.48E-03	1.18E-02
1522	494511.06	3858601.99	0.15997	0.15915	0.16779	2.38E-03	1.12E-05	4.37E-03	0.006758	2.43E-03	1.11E-05	4.86E-03	0.007299	2.31E-03	1.40E-05	9.32E-03	1.16E-02
1523	494561.06	3858601.99	0.1607	0.16111	0.16912	2.39E-03	1.14E-05	4.40E-03	0.006803	2.44E-03	1.12E-05	4.89E-03	0.007349	2.32E-03	1.42E-05	9.40E-03	1.17E-02
1524	494611.06	3858601.99	0.15816	0.16034	0.16635	2.35E-03	1.13E-05	4.33E-03	0.006693	2.41E-03	1.11E-05	4.81E-03	0.00723	2.29E-03	1.41E-05	9.24E-03	1.15E-02
1525	494661.06	3858601.99	0.15641	0.15934	0.16434	2.33E-03	1.13E-05	4.28E-03	0.006615	2.38E-03	1.11E-05	4.76E-03	0.007145	2.26E-03	1.41E-05	9.13E-03	1.14E-02
1526	494711.06	3858601.99	0.15356	0.15578	0.16074	2.29E-03	1.10E-05	4.18E-03	0.006479	2.34E-03	1.08E-05	4.65E-03	0.006998	2.22E-03	1.37E-05	8.93E-03	1.12E-02
1527	494761.06	3858601.99	0.1508	0.15277	0.15746	2.24E-03	1.08E-05	4.10E-03	0.006352	2.29E-03	1.06E-05	4.56E-03	0.006861	2.18E-03	1.35E-05	8.75E-03	1.09E-02
1528	494811.06	3858601.99	0.1458	0.14985	0.15334	2.17E-03	1.06E-05	3.99E-03	0.00617	2.22E-03	1.04E-05	4.44E-03	0.006665	2.11E-03	1.32E-05	8.52E-03	1.06E-02
1529	494861.06	3858601.99	0.14361	0.14784	0.15139	2.14E-03	1.04E-05	3.94E-03	0.006087	2.18E-03	1.03E-05	4.38E-03	0.006575	2.08E-03	1.30E-05	8.41E-03	1.05E-02
1530	494911.06	3858601.99	0.13999	0.14472	0.1475	2.08E-03	1.02E-05	3.84E-03	0.005931	2.13E-03	1.01E-05	4.27E-03	0.006407	2.02E-03	1.28E-05	8.20E-03	1.02E-02
1531	494961.06	3858601.99	0.1371	0.14253	0.14486	2.04E-03	1.01E-05	3.77E-03	0.005819	2.09E-03	9.91E-06	4.19E-03	0.006287	1.98E-03	1.26E-05	8.05E-03	1.00E-02
1532	495011.06	3858601.99	0.13446	0.13857	0.14141	2.00E-03	9.78E-06	3.68E-03	0.00569	2.04E-03	9.63E-06	4.09E-03	0.006147	1.94E-03	1.22E-05	7.86E-03	9.81E-03
1533	495061.06	3858601.99	0.13157	0.13576	0.13833	1.96E-03	9.59E-06	3.60E-03	0.005567	2.00E-03	9.44E-06	4.00E-03	0.006013	1.90E-03	1.20E-05	7.69E-03	9.60E-03
1534	495111.06	3858601.99	0.12768	0.13303	0.13378	1.90E-03	9.39E-06	3.48E-03	0.00539	1.94E-03	9.25E-06	3.87E-03	0.005822	1.84E-03	1.17E-05	7.43E-03	9.29E-03
1535	495161.06	3858601.99	0.12564	0.13238	0.13152	1.87E-03	9.35E-06	3.42E-03	0.005301	1.91E-03	9.20E-06	3.81E-03	0.005726	1.82E-03	1.17E-05	7.31E-03	9.14E-03
1536	495211.06	3858601.99	0.12414	0.13119	0.13014	1.85E-03	9.26E-06	3.39E-03	0.005243	1.89E-03	9.12E-06	3.77E-03	0.005663	1.79E-03	1.16E-05	7.23E-03	9.04E-03
1537	495261.06	3858601.99	0.12238	0.13108	0.12851	1.82E-03	9.26E-06	3.34E-03	0.005174	1.86E-03	9.11E-06	3.72E-03	0.005589	1.77E-03	1.16E-05	7.14E-03	8.92E-03
1538	495311.06	3858601.99	0.12116	0.13096	0.12746	1.80E-03	9.25E-06	3.32E-03	0.005129	1.84E-03	9.10E-06	3.69E-03	0.00554	1.75E-03	1.16E-05	7.08E-03	8.84E-03
1539	495361.06	3858601.99	0.12058	0.13131	0.12715	1.79E-03	9.27E-06	3.31E-03	0.005112	1.83E-03	9.13E-06	3.68E-03	0.005522	1.74E-03	1.16E-05	7.07E-03	8.82E-03
1540	495411.06	3858601.99	0.12006	0.13124	0.1267	1.79E-03	9.27E-06	3.30E-03	0.005093	1.83E-03	9.12E-06	3.67E-03	0.005501	1.73E-03	1.16E-05	7.04E-03	8.79E-03
1541	495461.06	3858601.99	0.11983	0.1297	0.12643	1.78E-03	9.16E-06	3.29E-03	0.005082	1.82E-03	9.01E-06	3.66E-03	0.00549	1.73E-03	1.14E-05	7.03E-03	8.77E-03
1542	495511.06	3858601.99	0.11903	0.12691	0.12529	1.77E-03	8.96E-06	3.26E-03	0.00504	1.81E-03	8.82E-06	3.63E-03	0.005445	1.72E-03	1.12E-05	6.96E-03	8.69E-03
1543	495561.06	3858601.99	0.11896	0.12608	0.12529	1.77E-03	8.90E-06	3.26E-03	0.005039	1.81E-03	8.76E-06	3.63E-03	0.005444	1.72E-03	1.11E-05	6.96E-03	8.69E-03
1544	495611.06	3858601.99	0.11784	0.12418	0.12399	1.75E-03	8.77E-06	3.23E-03	0.004989	1.79E-03	8.63E-06	3.59E-03	0.005389	1.70E-03	1.10E-05	6.89E-03	8.60E-03
1545	495661.06	3858601.99	0.11747	0.12369	0.12384	1.75E-03	8.73E-06	3.22E-03	0.004979	1.79E-03	8.60E-06	3.58E-03	0.005379	1.70E-03	1.09E-05	6.88E-03	8.59E-03
1546	494311.06	3858651.99	0.14503	0.1479	0.15137	2.16E-03	1.04E-05	3.94E-03	0.006107	2.21E-03	1.03E-05	4.38E-03	0.006596	2.10E-03	1.30E-05	8.41E-03	1.05E-02
1547	494361.06	3858651.99	0.15322	0.15756	0.16055	2.28E-03	1.11E-05	4.18E-03	0.006469	2.33E-03	1.10E-05	4.65E-03	0.006987	2.21E-03	1.39E-05	8.92E-03	1.11E-02

1548	494411.06	3858651.99	0.16496	0.16765	0.17506	2.46E-03	1.18E-05	4.55E-03	0.007022	2.51E-03	1.17E-05	5.07E-03	0.007586	2.38E-03	1.48E-05	9.73E-03	1.21E-02
1549	494461.06	3858651.99	0.1679	0.16944	0.17789	2.50E-03	1.20E-05	4.63E-03	0.007139	2.55E-03	1.18E-05	5.15E-03	0.007713	2.43E-03	1.50E-05	9.88E-03	1.23E-02
1550	494511.06	3858651.99	0.16629	0.16889	0.17662	2.48E-03	1.19E-05	4.59E-03	0.007082	2.53E-03	1.17E-05	5.11E-03	0.007652	2.40E-03	1.49E-05	9.81E-03	1.22E-02
1551	494561.06	3858651.99	0.16531	0.16788	0.17619	2.46E-03	1.19E-05	4.58E-03	0.007056	2.51E-03	1.17E-05	5.10E-03	0.007624	2.39E-03	1.48E-05	9.79E-03	1.22E-02
1552	494611.06	3858651.99	0.16396	0.16693	0.1748	2.44E-03	1.18E-05	4.55E-03	0.007	2.49E-03	1.16E-05	5.06E-03	0.007563	2.37E-03	1.47E-05	9.71E-03	1.21E-02
1553	494661.06	3858651.99	0.16149	0.16484	0.17189	2.40E-03	1.16E-05	4.47E-03	0.006887	2.46E-03	1.15E-05	4.97E-03	0.007442	2.33E-03	1.45E-05	9.55E-03	1.19E-02
1554	494711.06	3858651.99	0.15789	0.16079	0.16813	2.35E-03	1.14E-05	4.37E-03	0.006736	2.40E-03	1.12E-05	4.87E-03	0.007278	2.28E-03	1.42E-05	9.34E-03	1.16E-02
1555	494761.06	3858651.99	0.1552	0.15834	0.1651	2.31E-03	1.12E-05	4.30E-03	0.006617	2.36E-03	1.10E-05	4.78E-03	0.007149	2.24E-03	1.40E-05	9.17E-03	1.14E-02
1556	494811.06	3858651.99	0.15101	0.15476	0.16008	2.25E-03	1.09E-05	4.16E-03	0.006423	2.30E-03	1.08E-05	4.63E-03	0.00694	2.18E-03	1.37E-05	8.90E-03	1.11E-02
1557	494861.06	3858651.99	0.14733	0.15149	0.15572	2.19E-03	1.07E-05	4.05E-03	0.006255	2.24E-03	1.05E-05	4.51E-03	0.006757	2.13E-03	1.34E-05	8.65E-03	1.08E-02
1558	494911.06	3858651.99	0.14371	0.14729	0.15094	2.14E-03	1.04E-05	3.93E-03	0.006076	2.19E-03	1.02E-05	4.37E-03	0.006564	2.08E-03	1.30E-05	8.39E-03	1.05E-02
1559	494961.06	3858651.99	0.14059	0.1451	0.14761	2.09E-03	1.02E-05	3.84E-03	0.005943	2.14E-03	1.01E-05	4.27E-03	0.00642	2.03E-03	1.28E-05	8.20E-03	1.02E-02
1560	495011.06	3858651.99	0.13836	0.14318	0.14539	2.06E-03	1.01E-05	3.78E-03	0.005852	2.10E-03	9.95E-06	4.21E-03	0.006321	2.00E-03	1.26E-05	8.08E-03	1.01E-02
1561	495061.06	3858651.99	0.13544	0.14042	0.14229	2.02E-03	9.91E-06	3.70E-03	0.005728	2.06E-03	9.76E-06	4.12E-03	0.006187	1.96E-03	1.24E-05	7.91E-03	9.88E-03
1562	495111.06	3858651.99	0.13185	0.13791	0.13845	1.96E-03	9.74E-06	3.60E-03	0.005574	2.01E-03	9.59E-06	4.01E-03	0.006021	1.91E-03	1.22E-05	7.69E-03	9.61E-03
1563	495161.06	3858651.99	0.12995	0.13589	0.13618	1.93E-03	9.59E-06	3.54E-03	0.005487	1.98E-03	9.44E-06	3.94E-03	0.005927	1.88E-03	1.20E-05	7.57E-03	9.46E-03
1564	495211.06	3858651.99	0.12733	0.13264	0.1336	1.90E-03	9.37E-06	3.48E-03	0.00538	1.94E-03	9.22E-06	3.87E-03	0.005812	1.84E-03	1.17E-05	7.42E-03	9.28E-03
1565	495261.06	3858651.99	0.1267	0.13167	0.13304	1.89E-03	9.30E-06	3.46E-03	0.005356	1.93E-03	9.15E-06	3.85E-03	0.005786	1.83E-03	1.16E-05	7.39E-03	9.23E-03
1566	495311.06	3858651.99	0.12532	0.13122	0.13184	1.87E-03	9.27E-06	3.43E-03	0.005305	1.91E-03	9.12E-06	3.82E-03	0.00573	1.81E-03	1.16E-05	7.33E-03	9.15E-03
1567	495361.06	3858651.99	0.12459	0.13201	0.13123	1.85E-03	9.32E-06	3.41E-03	0.005278	1.89E-03	9.18E-06	3.80E-03	0.005701	1.80E-03	1.16E-05	7.29E-03	9.10E-03
1568	495411.06	3858651.99	0.12433	0.13357	0.131	1.85E-03	9.43E-06	3.41E-03	0.005268	1.89E-03	9.28E-06	3.79E-03	0.005691	1.80E-03	1.18E-05	7.28E-03	9.09E-03
1569	495461.06	3858651.99	0.1244	0.13506	0.13119	1.85E-03	9.54E-06	3.41E-03	0.005274	1.89E-03	9.39E-06	3.80E-03	0.005698	1.80E-03	1.19E-05	7.29E-03	9.10E-03
1570	495511.06	3858651.99	0.12288	0.13437	0.12975	1.83E-03	9.49E-06	3.38E-03	0.005214	1.87E-03	9.34E-06	3.75E-03	0.005633	1.78E-03	1.19E-05	7.21E-03	9.00E-03
1571	495561.06	3858651.99	0.12174	0.13403	0.12869	1.81E-03	9.46E-06	3.35E-03	0.00517	1.85E-03	9.32E-06	3.72E-03	0.005585	1.76E-03	1.18E-05	7.15E-03	8.92E-03
1572	495611.06	3858651.99	0.12003	0.13178	0.12667	1.79E-03	9.30E-06	3.30E-03	0.005091	1.83E-03	9.16E-06	3.67E-03	0.0055	1.73E-03	1.16E-05	7.04E-03	8.78E-03
1573	495661.06	3858651.99	0.11946	0.12995	0.12622	1.78E-03	9.18E-06	3.28E-03	0.005071	1.82E-03	9.03E-06	3.65E-03	0.005478	1.73E-03	1.15E-05	7.01E-03	8.75E-03
1574	494311.06	3858701.99	0.14718	0.15186	0.15424	2.19E-03	1.07E-05	4.01E-03	0.006214	2.24E-03	1.06E-05	4.46E-03	0.006712	2.13E-03	1.34E-05	8.57E-03	1.07E-02
1575	494361.06	3858701.99	0.16115	0.1645	0.17166	2.40E-03	1.16E-05	4.47E-03	0.006876	2.45E-03	1.14E-05	4.97E-03	0.00743	2.33E-03	1.45E-05	9.54E-03	1.19E-02
1576	494411.06	3858701.99	0.17008	0.17494	0.1815	2.53E-03	1.24E-05	4.72E-03	0.007266	2.59E-03	1.22E-05	5.25E-03	0.007851	2.46E-03	1.54E-05	1.01E-02	1.26E-02
1577	494461.06	3858701.99	0.17102	0.17586	0.18202	2.55E-03	1.24E-05	4.74E-03	0.007293	2.60E-03	1.22E-05	5.27E-03	0.00788	2.47E-03	1.55E-05	1.01E-02	1.26E-02
1578	494511.06	3858701.99	0.17271	0.1768	0.18309	2.57E-03	1.25E-05	4.76E-03	0.007346	2.63E-03	1.23E-05	5.30E-03	0.007937	2.50E-03	1.56E-05	1.02E-02	1.27E-02
1579	494561.06	3858701.99	0.17154	0.17464	0.18205	2.55E-03	1.23E-05	4.74E-03	0.007302	2.61E-03	1.21E-05	5.27E-03	0.007889	2.48E-03	1.54E-05	1.01E-02	1.26E-02
1580	494611.06	3858701.99	0.16703	0.16828	0.17782	2.49E-03	1.19E-05	4.63E-03	0.007124	2.54E-03	1.17E-05	5.15E-03	0.007698	2.41E-03	1.48E-05	9.88E-03	1.23E-02
1581	494661.06	3858701.99	0.1671	0.16924	0.17823	2.49E-03	1.19E-05	4.64E-03	0.007136	2.54E-03	1.18E-05	5.16E-03	0.007711	2.41E-03	1.49E-05	9.90E-03	1.23E-02
1582	494711.06	3858701.99	0.15669	0.15853	0.16731	2.33E-03	1.12E-05	4.35E-03	0.006696	2.38E-03	1.10E-05	4.84E-03	0.007236	2.26E-03	1.40E-05	9.30E-03	1.16E-02
1583	494761.06	3858701.99	0.15854	0.16136	0.17041	2.36E-03	1.14E-05	4.43E-03	0.006805	2.41E-03	1.12E-05	4.93E-03	0.007354	2.29E-03	1.42E-05	9.47E-03	1.18E-02
1584	494811.06	3858701.99	0.15491	0.15743	0.16551	2.31E-03	1.11E-05	4.31E-03	0.006623	2.36E-03	1.09E-05	4.79E-03	0.007156	2.24E-03	1.39E-05	9.20E-03	1.14E-02
1585	494861.06	3858701.99	0.15172	0.15431	0.16166	2.26E-03	1.09E-05	4.21E-03	0.006475	2.31E-03	1.07E-05	4.68E-03	0.006996	2.19E-03	1.36E-05	8.98E-03	1.12E-02
1586	494911.06	3858701.99	0.14829	0.15178	0.15839	2.21E-03	1.07E-05	4.12E-03	0.006339	2.26E-03	1.05E-05	4.58E-03	0.006849	2.14E-03	1.34E-05	8.80E-03	1.10E-02
1587	494961.06	3858701.99	0.14266	0.14551	0.15113	2.12E-03	1.03E-05	3.93E-03	0.006066	2.17E-03	1.01E-05	4.37E-03	0.006553	2.06E-03	1.28E-05	8.40E-03	1.05E-02
1588	495011.06	3858701.99	0.14008	0.14345	0.14729	2.09E-03	1.01E-05	3.83E-03	0.005927	2.13E-03	9.97E-06	4.26E-03	0.006403	2.02E-03	1.27E-05	8.18E-03	1.02E-02
1589	495061.06	3858701.99	0.13857	0.14277	0.14574	2.06E-03	1.01E-05	3.79E-03	0.005864	2.11E-03	9.92E-06	4.22E-03	0.006335	2.00E-03	1.26E-05	8.10E-03	1.01E-02
1590	495111.06	3858701.99	0.13513	0.14017	0.14152	2.01E-03	9.90E-06	3.68E-03	0.005703	2.06E-03	9.74E-06	4.10E-03	0.00616	1.95E-03	1.24E-05	7.86E-03	9.83E-03
1591	495161.06	3858701.99	0.13359	0.13908	0.13977	1.99E-03	9.82E-06	3.64E-03	0.005635	2.03E-03	9.67E-06	4.04E-03	0.006086	1.93E-03	1.23E-05	7.77E-03	9.71E-03
1592	495211.06	3858701.99	0.13094	0.13648	0.13718	1.95E-03	9.64E-06	3.57E-03	0.005528	1.99E-03	9.49E-06	3.97E-03	0.005971	1.89E-03	1.20E-05	7.62E-03	9.53E-03
1593	495261.06	3858701.99	0.13029	0.13641	0.13685	1.94E-03	9.63E-06	3.56E-03	0.005509	1.98E-03	9.48E-06	3.96E-03	0.005951	1.88E-03	1.20E-05	7.60E-03	9.50E-03
1594	495311.06	3858701.99	0.12973	0.13645	0.13645	1.93E-03	9.63E-06	3.55E-03	0.005491	1.97E-03	9.48E-06	3.95E-03	0.005931	1.87E-03	1.20E-05	7.58E-03	9.47E-03

1595	495361.06	3858701.99	0.12882	0.13598	0.13543	1.92E-03	9.60E-06	3.52E-03	0.00545	1.96E-03	9.45E-06	3.92E-03	0.005888	1.86E-03	1.20E-05	7.53E-03	9.40E-03
1596	495411.06	3858701.99	0.12874	0.13545	0.13552	1.92E-03	9.56E-06	3.53E-03	0.005452	1.96E-03	9.41E-06	3.92E-03	0.005889	1.86E-03	1.20E-05	7.53E-03	9.40E-03
1597	495461.06	3858701.99	0.12802	0.13503	0.13503	1.91E-03	9.53E-06	3.51E-03	0.005428	1.95E-03	9.38E-06	3.91E-03	0.005864	1.85E-03	1.19E-05	7.50E-03	9.36E-03
1598	495511.06	3858701.99	0.12678	0.13492	0.13414	1.89E-03	9.53E-06	3.49E-03	0.005386	1.93E-03	9.38E-06	3.88E-03	0.005819	1.83E-03	1.19E-05	7.45E-03	9.30E-03
1599	495561.06	3858701.99	0.1252	0.13485	0.13277	1.86E-03	9.52E-06	3.45E-03	0.005327	1.90E-03	9.37E-06	3.84E-03	0.005756	1.81E-03	1.19E-05	7.38E-03	9.20E-03
1600	495611.06	3858701.99	0.12393	0.13442	0.13143	1.84E-03	9.49E-06	3.42E-03	0.005273	1.88E-03	9.34E-06	3.80E-03	0.005697	1.79E-03	1.19E-05	7.30E-03	9.11E-03
1601	495661.06	3858701.99	0.12333	0.13479	0.13072	1.84E-03	9.52E-06	3.40E-03	0.005246	1.88E-03	9.37E-06	3.78E-03	0.005668	1.78E-03	1.19E-05	7.26E-03	9.06E-03
1602	494311.06	3858751.99	0.15164	0.15596	0.15954	2.26E-03	1.10E-05	4.15E-03	0.006419	2.31E-03	1.08E-05	4.62E-03	0.006934	2.19E-03	1.38E-05	8.87E-03	1.11E-02
1603	494361.06	3858751.99	0.16711	0.17486	0.17925	2.49E-03	1.23E-05	4.66E-03	0.007163	2.54E-03	1.22E-05	5.19E-03	0.007741	2.41E-03	1.54E-05	9.96E-03	1.24E-02
1604	494411.06	3858751.99	0.17409	0.18421	0.18837	2.59E-03	1.30E-05	4.90E-03	0.007505	2.65E-03	1.28E-05	5.45E-03	0.008111	2.52E-03	1.63E-05	1.05E-02	1.30E-02
1605	494461.06	3858751.99	0.17428	0.18471	0.18896	2.59E-03	1.30E-05	4.92E-03	0.007523	2.65E-03	1.28E-05	5.47E-03	0.008131	2.52E-03	1.63E-05	1.05E-02	1.30E-02
1606	494511.06	3858751.99	0.17657	0.18761	0.19076	2.63E-03	1.32E-05	4.96E-03	0.007604	2.69E-03	1.30E-05	5.52E-03	0.008219	2.55E-03	1.66E-05	1.06E-02	1.32E-02
1607	494561.06	3858751.99	0.17396	0.18249	0.18735	2.59E-03	1.29E-05	4.87E-03	0.007476	2.65E-03	1.27E-05	5.42E-03	0.00808	2.51E-03	1.61E-05	1.04E-02	1.29E-02
1608	494611.06	3858751.99	0.17121	0.17832	0.18389	2.55E-03	1.26E-05	4.78E-03	0.007345	2.60E-03	1.24E-05	5.32E-03	0.007938	2.47E-03	1.57E-05	1.02E-02	1.27E-02
1609	494661.06	3858751.99	0.16902	0.17469	0.1819	2.52E-03	1.23E-05	4.73E-03	0.00726	2.57E-03	1.21E-05	5.26E-03	0.007846	2.44E-03	1.54E-05	1.01E-02	1.26E-02
1610	494711.06	3858751.99	0.16415	0.16642	0.17603	2.44E-03	1.18E-05	4.58E-03	0.007035	2.50E-03	1.16E-05	5.09E-03	0.007602	2.37E-03	1.47E-05	9.78E-03	1.22E-02
1611	494761.06	3858751.99	0.1642	0.16549	0.17535	2.44E-03	1.17E-05	4.56E-03	0.007018	2.50E-03	1.15E-05	5.07E-03	0.007583	2.37E-03	1.46E-05	9.74E-03	1.21E-02
1612	494811.06	3858751.99	0.15884	0.16005	0.17086	2.36E-03	1.13E-05	4.45E-03	0.006821	2.42E-03	1.11E-05	4.94E-03	0.007371	2.30E-03	1.41E-05	9.49E-03	1.18E-02
1613	494861.06	3858751.99	0.15495	0.15723	0.16706	2.31E-03	1.11E-05	4.35E-03	0.006664	2.36E-03	1.09E-05	4.83E-03	0.007202	2.24E-03	1.39E-05	9.28E-03	1.15E-02
1614	494911.06	3858751.99	0.15114	0.15294	0.16162	2.25E-03	1.08E-05	4.20E-03	0.006465	2.30E-03	1.06E-05	4.68E-03	0.006986	2.18E-03	1.35E-05	8.98E-03	1.12E-02
1615	494961.06	3858751.99	0.14839	0.14915	0.15806	2.21E-03	1.05E-05	4.11E-03	0.006331	2.26E-03	1.04E-05	4.57E-03	0.006841	2.14E-03	1.32E-05	8.78E-03	1.09E-02
1616	495011.06	3858751.99	0.14599	0.14728	0.15551	2.17E-03	1.04E-05	4.05E-03	0.006229	2.22E-03	1.02E-05	4.50E-03	0.006731	2.11E-03	1.30E-05	8.64E-03	1.08E-02
1617	495061.06	3858751.99	0.14268	0.14313	0.1509	2.12E-03	1.01E-05	3.93E-03	0.00606	2.17E-03	9.95E-06	4.37E-03	0.006547	2.06E-03	1.26E-05	8.38E-03	1.05E-02
1618	495111.06	3858751.99	0.13872	0.14021	0.14655	2.06E-03	9.90E-06	3.81E-03	0.005887	2.11E-03	9.74E-06	4.24E-03	0.00636	2.00E-03	1.24E-05	8.14E-03	1.02E-02
1619	495161.06	3858751.99	0.13696	0.14041	0.14454	2.04E-03	9.91E-06	3.76E-03	0.005809	2.08E-03	9.76E-06	4.18E-03	0.006275	1.98E-03	1.24E-05	8.03E-03	1.00E-02
1620	495211.06	3858751.99	0.13447	0.13818	0.14163	2.00E-03	9.76E-06	3.68E-03	0.005696	2.05E-03	9.60E-06	4.10E-03	0.006153	1.94E-03	1.22E-05	7.87E-03	9.83E-03
1621	495261.06	3858751.99	0.13385	0.13857	0.14115	1.99E-03	9.78E-06	3.67E-03	0.005674	2.04E-03	9.63E-06	4.08E-03	0.00613	1.93E-03	1.22E-05	7.84E-03	9.79E-03
1622	495311.06	3858751.99	0.13349	0.13922	0.14077	1.99E-03	9.83E-06	3.66E-03	0.005659	2.03E-03	9.68E-06	4.07E-03	0.006113	1.93E-03	1.23E-05	7.82E-03	9.76E-03
1623	495361.06	3858751.99	0.13265	0.13814	0.13989	1.97E-03	9.75E-06	3.64E-03	0.005624	2.02E-03	9.60E-06	4.05E-03	0.006075	1.92E-03	1.22E-05	7.77E-03	9.70E-03
1624	495411.06	3858751.99	0.13264	0.13836	0.1405	1.97E-03	9.77E-06	3.66E-03	0.005639	2.02E-03	9.62E-06	4.07E-03	0.006093	1.92E-03	1.22E-05	7.81E-03	9.74E-03
1625	495461.06	3858751.99	0.13201	0.13814	0.13984	1.96E-03	9.75E-06	3.64E-03	0.005613	2.01E-03	9.60E-06	4.05E-03	0.006064	1.91E-03	1.22E-05	7.77E-03	9.69E-03
1626	495511.06	3858751.99	0.1309	0.13751	0.13859	1.95E-03	9.71E-06	3.61E-03	0.005564	1.99E-03	9.56E-06	4.01E-03	0.006011	1.89E-03	1.21E-05	7.70E-03	9.60E-03
1627	495561.06	3858751.99	0.12956	0.13791	0.13727	1.93E-03	9.74E-06	3.57E-03	0.005509	1.97E-03	9.59E-06	3.97E-03	0.005952	1.87E-03	1.22E-05	7.63E-03	9.51E-03
1628	495611.06	3858751.99	0.12831	0.1365	0.13596	1.91E-03	9.64E-06	3.54E-03	0.005457	1.95E-03	9.49E-06	3.93E-03	0.005895	1.85E-03	1.20E-05	7.55E-03	9.42E-03
1629	495661.06	3858751.99	0.12746	0.13521	0.13498	1.90E-03	9.55E-06	3.51E-03	0.005418	1.94E-03	9.40E-06	3.91E-03	0.005854	1.84E-03	1.19E-05	7.50E-03	9.35E-03
1630	494311.06	3858801.99	0.15628	0.16417	0.16725	2.33E-03	1.16E-05	4.35E-03	0.006689	2.38E-03	1.14E-05	4.84E-03	0.007228	2.26E-03	1.45E-05	9.29E-03	1.16E-02
1631	494361.06	3858801.99	0.17278	0.1863	0.18762	2.57E-03	1.32E-05	4.88E-03	0.007466	2.63E-03	1.29E-05	5.43E-03	0.00807	2.50E-03	1.64E-05	1.04E-02	1.29E-02
1632	494411.06	3858801.99	0.1757	0.19028	0.19082	2.62E-03	1.34E-05	4.96E-03	0.007593	2.67E-03	1.32E-05	5.52E-03	0.008207	2.54E-03	1.68E-05	1.06E-02	1.32E-02
1633	494461.06	3858801.99	0.17805	0.19114	0.19383	2.65E-03	1.35E-05	5.04E-03	0.007706	2.71E-03	1.33E-05	5.61E-03	0.00833	2.57E-03	1.69E-05	1.08E-02	1.34E-02
1634	494511.06	3858801.99	0.18241	0.19525	0.19766	2.72E-03	1.38E-05	5.14E-03	0.007871	2.77E-03	1.36E-05	5.72E-03	0.008508	2.64E-03	1.72E-05	1.10E-02	1.36E-02
1635	494561.06	3858801.99	0.18211	0.19384	0.19671	2.71E-03	1.37E-05	5.12E-03	0.007842	2.77E-03	1.35E-05	5.69E-03	0.008475	2.63E-03	1.71E-05	1.09E-02	1.36E-02
1636	494611.06	3858801.99	0.18003	0.19152	0.19441	2.68E-03	1.35E-05	5.06E-03	0.007751	2.74E-03	1.33E-05	5.63E-03	0.008377	2.60E-03	1.69E-05	1.08E-02	1.34E-02
1637	494661.06	3858801.99	0.17567	0.18634	0.1902	2.61E-03	1.32E-05	4.95E-03	0.007576	2.67E-03	1.30E-05	5.50E-03	0.008189	2.54E-03	1.64E-05	1.06E-02	1.31E-02
1638	494711.06	3858801.99	0.17139	0.17977	0.18498	2.55E-03	1.27E-05	4.81E-03	0.007376	2.61E-03	1.25E-05	5.35E-03	0.007972	2.48E-03	1.59E-05	1.03E-02	1.28E-02
1639	494761.06	3858801.99	0.16609	0.17202	0.17858	2.47E-03	1.21E-05	4.65E-03	0.00713	2.53E-03	1.20E-05	5.17E-03	0.007706	2.40E-03	1.52E-05	9.92E-03	1.23E-02
1640	494811.06	3858801.99	0.16081	0.16436	0.17242	2.39E-03	1.16E-05	4.49E-03	0.006891	2.45E-03	1.14E-05	4.99E-03	0.007447	2.32E-03	1.45E-05	9.58E-03	1.19E-02
1641	494861.06	3858801.99	0.15881	0.1607	0.16972	2.36E-03	1.13E-05	4.42E-03	0.006791	2.42E-03	1.12E-05	4.91E-03	0.007338	2.29E-03	1.42E-05	9.43E-03	1.17E-02

1642	494911.06	3858801.99	0.15413	0.15428	0.16575	2.29E-03	1.09E-05	4.31E-03	0.006617	2.34E-03	1.07E-05	4.80E-03	0.007151	2.23E-03	1.36E-05	9.21E-03	1.15E-02
1643	494961.06	3858801.99	0.15146	0.15236	0.16306	2.25E-03	1.08E-05	4.24E-03	0.006507	2.30E-03	1.06E-05	4.72E-03	0.007033	2.19E-03	1.34E-05	9.06E-03	1.13E-02
1644	495011.06	3858801.99	0.14905	0.15044	0.15979	2.22E-03	1.06E-05	4.16E-03	0.006386	2.27E-03	1.05E-05	4.62E-03	0.006901	2.15E-03	1.33E-05	8.88E-03	1.10E-02
1645	495061.06	3858801.99	0.14779	0.14945	0.15795	2.20E-03	1.06E-05	4.11E-03	0.00632	2.25E-03	1.04E-05	4.57E-03	0.006829	2.14E-03	1.32E-05	8.78E-03	1.09E-02
1646	495111.06	3858801.99	0.14389	0.14388	0.15091	2.14E-03	1.02E-05	3.93E-03	0.006078	2.19E-03	1.00E-05	4.37E-03	0.006565	2.08E-03	1.27E-05	8.39E-03	1.05E-02
1647	495161.06	3858801.99	0.14005	0.14027	0.14791	2.08E-03	9.90E-06	3.85E-03	0.005943	2.13E-03	9.75E-06	4.28E-03	0.00642	2.02E-03	1.24E-05	8.22E-03	1.03E-02
1648	495211.06	3858801.99	0.13854	0.13907	0.14617	2.06E-03	9.82E-06	3.80E-03	0.005875	2.11E-03	9.67E-06	4.23E-03	0.006346	2.00E-03	1.23E-05	8.12E-03	1.01E-02
1649	495261.06	3858801.99	0.13817	0.13891	0.14554	2.06E-03	9.81E-06	3.79E-03	0.005853	2.10E-03	9.65E-06	4.21E-03	0.006323	2.00E-03	1.23E-05	8.09E-03	1.01E-02
1650	495311.06	3858801.99	0.13825	0.14158	0.14543	2.06E-03	1.00E-05	3.78E-03	0.005851	2.10E-03	9.84E-06	4.21E-03	0.006321	2.00E-03	1.25E-05	8.08E-03	1.01E-02
1651	495361.06	3858801.99	0.13737	0.14226	0.14488	2.04E-03	1.00E-05	3.77E-03	0.005824	2.09E-03	9.89E-06	4.19E-03	0.006292	1.99E-03	1.26E-05	8.05E-03	1.00E-02
1652	495411.06	3858801.99	0.13803	0.14262	0.14576	2.05E-03	1.01E-05	3.79E-03	0.005857	2.10E-03	9.91E-06	4.22E-03	0.006327	1.99E-03	1.26E-05	8.10E-03	1.01E-02
1653	495461.06	3858801.99	0.13698	0.14086	0.14502	2.04E-03	9.95E-06	3.77E-03	0.005822	2.08E-03	9.79E-06	4.20E-03	0.00629	1.98E-03	1.24E-05	8.06E-03	1.01E-02
1654	495511.06	3858801.99	0.13551	0.13989	0.14369	2.02E-03	9.88E-06	3.74E-03	0.005765	2.06E-03	9.72E-06	4.16E-03	0.006229	1.96E-03	1.23E-05	7.98E-03	9.95E-03
1655	495561.06	3858801.99	0.13424	0.13934	0.14267	2.00E-03	9.84E-06	3.71E-03	0.00572	2.04E-03	9.68E-06	4.13E-03	0.00618	1.94E-03	1.23E-05	7.93E-03	9.88E-03
1656	495611.06	3858801.99	0.13205	0.13779	0.14088	1.97E-03	9.73E-06	3.67E-03	0.00564	2.01E-03	9.58E-06	4.08E-03	0.006095	1.91E-03	1.22E-05	7.83E-03	9.75E-03
1657	495661.06	3858801.99	0.13119	0.13801	0.14008	1.95E-03	9.74E-06	3.64E-03	0.005607	2.00E-03	9.59E-06	4.05E-03	0.006058	1.90E-03	1.22E-05	7.78E-03	9.69E-03
1658	494311.06	3858851.99	0.17507	0.18758	0.18879	2.61E-03	1.32E-05	4.91E-03	0.007531	2.66E-03	1.30E-05	5.46E-03	0.008139	2.53E-03	1.66E-05	1.05E-02	1.30E-02
1659	494361.06	3858851.99	0.18637	0.20183	0.20084	2.77E-03	1.43E-05	5.23E-03	0.008013	2.83E-03	1.40E-05	5.81E-03	0.00866	2.69E-03	1.78E-05	1.12E-02	1.39E-02
1660	494411.06	3858851.99	0.18572	0.20218	0.20051	2.76E-03	1.43E-05	5.22E-03	0.007995	2.82E-03	1.41E-05	5.80E-03	0.008641	2.68E-03	1.78E-05	1.11E-02	1.38E-02
1661	494461.06	3858851.99	0.18771	0.20327	0.20263	2.79E-03	1.44E-05	5.27E-03	0.00808	2.85E-03	1.41E-05	5.86E-03	0.008733	2.71E-03	1.79E-05	1.13E-02	1.40E-02
1662	494511.06	3858851.99	0.18918	0.2069	0.2051	2.82E-03	1.46E-05	5.34E-03	0.008166	2.88E-03	1.44E-05	5.94E-03	0.008827	2.73E-03	1.83E-05	1.14E-02	1.41E-02
1663	494561.06	3858851.99	0.18802	0.20264	0.20369	2.80E-03	1.43E-05	5.30E-03	0.008112	2.86E-03	1.41E-05	5.89E-03	0.008768	2.72E-03	1.79E-05	1.13E-02	1.41E-02
1664	494611.06	3858851.99	0.18496	0.19752	0.19965	2.75E-03	1.39E-05	5.19E-03	0.007961	2.81E-03	1.37E-05	5.78E-03	0.008604	2.67E-03	1.74E-05	1.11E-02	1.38E-02
1665	494661.06	3858851.99	0.18068	0.19268	0.19448	2.69E-03	1.36E-05	5.06E-03	0.007763	2.75E-03	1.34E-05	5.63E-03	0.008389	2.61E-03	1.70E-05	1.08E-02	1.34E-02
1666	494711.06	3858851.99	0.17397	0.18508	0.18872	2.59E-03	1.31E-05	4.91E-03	0.007512	2.65E-03	1.29E-05	5.46E-03	0.00812	2.51E-03	1.63E-05	1.05E-02	1.30E-02
1667	494761.06	3858851.99	0.1681	0.17815	0.18126	2.50E-03	1.26E-05	4.72E-03	0.00723	2.56E-03	1.24E-05	5.25E-03	0.007814	2.43E-03	1.57E-05	1.01E-02	1.25E-02
1668	494811.06	3858851.99	0.16392	0.17186	0.17631	2.44E-03	1.21E-05	4.59E-03	0.007039	2.49E-03	1.19E-05	5.10E-03	0.007607	2.37E-03	1.52E-05	9.80E-03	1.22E-02
1669	494861.06	3858851.99	0.16104	0.16878	0.17373	2.40E-03	1.19E-05	4.52E-03	0.006929	2.45E-03	1.17E-05	5.03E-03	0.007488	2.33E-03	1.49E-05	9.65E-03	1.20E-02
1670	494911.06	3858851.99	0.15797	0.16343	0.17	2.35E-03	1.15E-05	4.42E-03	0.006786	2.40E-03	1.14E-05	4.92E-03	0.007333	2.28E-03	1.44E-05	9.45E-03	1.17E-02
1671	494961.06	3858851.99	0.15603	0.15845	0.16705	2.32E-03	1.12E-05	4.35E-03	0.00668	2.37E-03	1.10E-05	4.83E-03	0.007218	2.25E-03	1.40E-05	9.28E-03	1.16E-02
1672	495011.06	3858851.99	0.15342	0.15443	0.16384	2.28E-03	1.09E-05	4.26E-03	0.006557	2.33E-03	1.07E-05	4.74E-03	0.007085	2.22E-03	1.36E-05	9.10E-03	1.13E-02
1673	495061.06	3858851.99	0.14977	0.15031	0.16077	2.23E-03	1.06E-05	4.18E-03	0.006422	2.28E-03	1.04E-05	4.65E-03	0.006941	2.16E-03	1.33E-05	8.93E-03	1.11E-02
1674	495111.06	3858851.99	0.14541	0.14496	0.15478	2.16E-03	1.02E-05	4.03E-03	0.006201	2.21E-03	1.01E-05	4.48E-03	0.006701	2.10E-03	1.28E-05	8.60E-03	1.07E-02
1675	495161.06	3858851.99	0.14334	0.14285	0.15244	2.13E-03	1.01E-05	3.97E-03	0.00611	2.18E-03	9.93E-06	4.41E-03	0.006601	2.07E-03	1.26E-05	8.47E-03	1.06E-02
1676	495211.06	3858851.99	0.14383	0.14364	0.15321	2.14E-03	1.01E-05	3.99E-03	0.006137	2.19E-03	9.98E-06	4.43E-03	0.006631	2.08E-03	1.27E-05	8.51E-03	1.06E-02
1677	495261.06	3858851.99	0.14348	0.14289	0.15282	2.14E-03	1.01E-05	3.98E-03	0.006122	2.18E-03	9.93E-06	4.42E-03	0.006614	2.07E-03	1.26E-05	8.49E-03	1.06E-02
1678	495311.06	3858851.99	0.14347	0.14361	0.15294	2.14E-03	1.01E-05	3.98E-03	0.006125	2.18E-03	9.98E-06	4.43E-03	0.006618	2.07E-03	1.27E-05	8.50E-03	1.06E-02
1679	495361.06	3858851.99	0.14247	0.14318	0.1525	2.12E-03	1.01E-05	3.97E-03	0.006098	2.17E-03	9.95E-06	4.41E-03	0.00659	2.06E-03	1.26E-05	8.47E-03	1.05E-02
1680	495411.06	3858851.99	0.14131	0.14331	0.1518	2.10E-03	1.01E-05	3.95E-03	0.006063	2.15E-03	9.96E-06	4.39E-03	0.006552	2.04E-03	1.26E-05	8.43E-03	1.05E-02
1681	495461.06	3858851.99	0.14064	0.14482	0.15123	2.09E-03	1.02E-05	3.93E-03	0.006038	2.14E-03	1.01E-05	4.38E-03	0.006525	2.03E-03	1.28E-05	8.40E-03	1.04E-02
1682	495511.06	3858851.99	0.13959	0.14465	0.14953	2.08E-03	1.02E-05	3.89E-03	0.005978	2.12E-03	1.01E-05	4.33E-03	0.00646	2.02E-03	1.28E-05	8.31E-03	1.03E-02
1683	495561.06	3858851.99	0.13733	0.14364	0.14612	2.04E-03	1.01E-05	3.80E-03	0.005856	2.09E-03	9.98E-06	4.23E-03	0.006327	1.98E-03	1.27E-05	8.12E-03	1.01E-02
1684	495611.06	3858851.99	0.13567	0.14213	0.14381	2.02E-03	1.00E-05	3.74E-03	0.005771	2.06E-03	9.88E-06	4.16E-03	0.006235	1.96E-03	1.25E-05	7.99E-03	9.96E-03
1685	495661.06	3858851.99	0.13548	0.14061	0.14334	2.02E-03	9.93E-06	3.73E-03	0.005756	2.06E-03	9.77E-06	4.15E-03	0.006218	1.96E-03	1.24E-05	7.96E-03	9.93E-03
1686	494311.06	3858901.99	0.18617	0.199	0.20041	2.77E-03	1.41E-05	5.21E-03	0.007999	2.83E-03	1.38E-05	5.80E-03	0.008645	2.69E-03	1.76E-05	1.11E-02	1.38E-02
1687	494361.06	3858901.99	0.19477	0.20896	0.21041	2.90E-03	1.48E-05	5.47E-03	0.008388	2.96E-03	1.45E-05	6.09E-03	0.009065	2.81E-03	1.84E-05	1.17E-02	1.45E-02
1688	494411.06	3858901.99	0.19547	0.21263	0.21198	2.91E-03	1.50E-05	5.51E-03	0.008439	2.97E-03	1.48E-05	6.13E-03	0.009122	2.82E-03	1.88E-05	1.18E-02	1.46E-02

1689	494461.06	3858901.99	0.19975	0.21935	0.21678	2.97E-03	1.55E-05	5.64E-03	0.008628	3.04E-03	1.52E-05	6.27E-03	0.009326	2.89E-03	1.94E-05	1.20E-02	1.50E-02
1690	494511.06	3858901.99	0.19998	0.22228	0.21709	2.98E-03	1.57E-05	5.65E-03	0.00864	3.04E-03	1.54E-05	6.28E-03	0.009339	2.89E-03	1.96E-05	1.21E-02	1.50E-02
1691	494561.06	3858901.99	0.19598	0.21675	0.21358	2.92E-03	1.53E-05	5.56E-03	0.008489	2.98E-03	1.51E-05	6.18E-03	0.009176	2.83E-03	1.91E-05	1.19E-02	1.47E-02
1692	494611.06	3858901.99	0.1889	0.20813	0.20429	2.81E-03	1.47E-05	5.31E-03	0.008141	2.87E-03	1.45E-05	5.91E-03	0.008799	2.73E-03	1.84E-05	1.14E-02	1.41E-02
1693	494661.06	3858901.99	0.18577	0.20313	0.19994	2.77E-03	1.43E-05	5.20E-03	0.007981	2.83E-03	1.41E-05	5.79E-03	0.008625	2.68E-03	1.79E-05	1.11E-02	1.38E-02
1694	494711.06	3858901.99	0.18011	0.19164	0.19311	2.68E-03	1.35E-05	5.02E-03	0.007718	2.74E-03	1.33E-05	5.59E-03	0.008341	2.60E-03	1.69E-05	1.07E-02	1.33E-02
1695	494761.06	3858901.99	0.17193	0.18309	0.1865	2.56E-03	1.29E-05	4.85E-03	0.007424	2.61E-03	1.27E-05	5.40E-03	0.008024	2.48E-03	1.62E-05	1.04E-02	1.29E-02
1696	494811.06	3858901.99	0.16789	0.1797	0.18238	2.50E-03	1.27E-05	4.74E-03	0.007256	2.55E-03	1.25E-05	5.28E-03	0.007843	2.43E-03	1.59E-05	1.01E-02	1.26E-02
1697	494861.06	3858901.99	0.16547	0.17732	0.17926	2.46E-03	1.25E-05	4.66E-03	0.007139	2.52E-03	1.23E-05	5.19E-03	0.007716	2.39E-03	1.56E-05	9.96E-03	1.24E-02
1698	494911.06	3858901.99	0.15992	0.16948	0.17269	2.38E-03	1.20E-05	4.49E-03	0.006885	2.43E-03	1.18E-05	5.00E-03	0.007441	2.31E-03	1.50E-05	9.60E-03	1.19E-02
1699	494961.06	3858901.99	0.15668	0.16475	0.16952	2.33E-03	1.16E-05	4.41E-03	0.006754	2.38E-03	1.15E-05	4.91E-03	0.0073	2.26E-03	1.45E-05	9.42E-03	1.17E-02
1700	495011.06	3858901.99	0.15471	0.16129	0.16625	2.30E-03	1.14E-05	4.33E-03	0.006639	2.35E-03	1.12E-05	4.81E-03	0.007175	2.24E-03	1.42E-05	9.24E-03	1.15E-02
1701	495061.06	3858901.99	0.15219	0.15501	0.16156	2.27E-03	1.09E-05	4.20E-03	0.006479	2.31E-03	1.08E-05	4.68E-03	0.007001	2.20E-03	1.37E-05	8.98E-03	1.12E-02
1702	495111.06	3858901.99	0.14599	0.14746	0.155	2.17E-03	1.04E-05	4.03E-03	0.006216	2.22E-03	1.02E-05	4.49E-03	0.006716	2.11E-03	1.30E-05	8.61E-03	1.07E-02
1703	495161.06	3858901.99	0.14471	0.14526	0.15359	2.15E-03	1.03E-05	4.00E-03	0.00616	2.20E-03	1.01E-05	4.44E-03	0.006655	2.09E-03	1.28E-05	8.53E-03	1.06E-02
1704	495211.06	3858901.99	0.146	0.147	0.15592	2.17E-03	1.04E-05	4.06E-03	0.00624	2.22E-03	1.02E-05	4.51E-03	0.006743	2.11E-03	1.30E-05	8.66E-03	1.08E-02
1705	495261.06	3858901.99	0.14591	0.14656	0.15603	2.17E-03	1.03E-05	4.06E-03	0.006241	2.22E-03	1.02E-05	4.52E-03	0.006744	2.11E-03	1.29E-05	8.67E-03	1.08E-02
1706	495311.06	3858901.99	0.14535	0.14605	0.15545	2.16E-03	1.03E-05	4.04E-03	0.006218	2.21E-03	1.02E-05	4.50E-03	0.006719	2.10E-03	1.29E-05	8.64E-03	1.08E-02
1707	495361.06	3858901.99	0.14495	0.14568	0.15505	2.16E-03	1.03E-05	4.03E-03	0.006202	2.20E-03	1.01E-05	4.49E-03	0.006701	2.09E-03	1.29E-05	8.62E-03	1.07E-02
1708	495411.06	3858901.99	0.14497	0.1474	0.15551	2.16E-03	1.04E-05	4.05E-03	0.006214	2.20E-03	1.02E-05	4.50E-03	0.006715	2.09E-03	1.30E-05	8.64E-03	1.07E-02
1709	495461.06	3858901.99	0.14395	0.14673	0.15451	2.14E-03	1.04E-05	4.02E-03	0.006173	2.19E-03	1.02E-05	4.47E-03	0.006671	2.08E-03	1.29E-05	8.59E-03	1.07E-02
1710	495511.06	3858901.99	0.14251	0.14561	0.1527	2.12E-03	1.03E-05	3.97E-03	0.006104	2.17E-03	1.01E-05	4.42E-03	0.006596	2.06E-03	1.28E-05	8.48E-03	1.06E-02
1711	495561.06	3858901.99	0.14162	0.14523	0.15146	2.11E-03	1.03E-05	3.94E-03	0.006059	2.15E-03	1.01E-05	4.38E-03	0.006547	2.05E-03	1.28E-05	8.42E-03	1.05E-02
1712	495611.06	3858901.99	0.13969	0.14407	0.14959	2.08E-03	1.02E-05	3.89E-03	0.005981	2.12E-03	1.00E-05	4.33E-03	0.006463	2.02E-03	1.27E-05	8.31E-03	1.03E-02
1713	495661.06	3858901.99	0.13957	0.14541	0.1496	2.08E-03	1.03E-05	3.89E-03	0.00598	2.12E-03	1.01E-05	4.33E-03	0.006462	2.02E-03	1.28E-05	8.31E-03	1.03E-02
1714	494311.06	3858951.99	0.20029	0.20963	0.2222	2.98E-03	1.48E-05	5.78E-03	0.008777	3.05E-03	1.46E-05	6.43E-03	0.009491	2.89E-03	1.85E-05	1.23E-02	1.53E-02
1715	494361.06	3858951.99	0.20427	0.21484	0.22561	3.04E-03	1.52E-05	5.87E-03	0.008925	3.11E-03	1.49E-05	6.53E-03	0.00965	2.95E-03	1.90E-05	1.25E-02	1.55E-02
1716	494411.06	3858951.99	0.20247	0.2141	0.22294	3.01E-03	1.51E-05	5.80E-03	0.008829	3.08E-03	1.49E-05	6.45E-03	0.009545	2.93E-03	1.89E-05	1.24E-02	1.53E-02
1717	494461.06	3858951.99	0.20627	0.22042	0.22512	3.07E-03	1.56E-05	5.86E-03	0.008943	3.14E-03	1.53E-05	6.51E-03	0.009667	2.98E-03	1.94E-05	1.25E-02	1.55E-02
1718	494511.06	3858951.99	0.20553	0.22288	0.22353	3.06E-03	1.57E-05	5.82E-03	0.00889	3.13E-03	1.55E-05	6.47E-03	0.00961	2.97E-03	1.97E-05	1.24E-02	1.54E-02
1719	494561.06	3858951.99	0.20275	0.22272	0.21927	3.02E-03	1.57E-05	5.70E-03	0.008738	3.08E-03	1.55E-05	6.35E-03	0.009444	2.93E-03	1.97E-05	1.22E-02	1.51E-02
1720	494611.06	3858951.99	0.1974	0.21783	0.21286	2.94E-03	1.54E-05	5.54E-03	0.008491	3.00E-03	1.51E-05	6.16E-03	0.009177	2.85E-03	1.92E-05	1.18E-02	1.47E-02
1721	494661.06	3858951.99	0.1914	0.21185	0.20686	2.85E-03	1.50E-05	5.38E-03	0.008246	2.91E-03	1.47E-05	5.99E-03	0.008912	2.77E-03	1.87E-05	1.15E-02	1.43E-02
1722	494711.06	3858951.99	0.18388	0.20177	0.19638	2.74E-03	1.42E-05	5.11E-03	0.00786	2.80E-03	1.40E-05	5.68E-03	0.008493	2.66E-03	1.78E-05	1.09E-02	1.36E-02
1723	494761.06	3858951.99	0.17825	0.19452	0.19142	2.65E-03	1.37E-05	4.98E-03	0.007647	2.71E-03	1.35E-05	5.54E-03	0.008264	2.58E-03	1.72E-05	1.06E-02	1.32E-02
1724	494811.06	3858951.99	0.17463	0.18811	0.18925	2.60E-03	1.33E-05	4.92E-03	0.007536	2.66E-03	1.31E-05	5.48E-03	0.008145	2.52E-03	1.66E-05	1.05E-02	1.31E-02
1725	494861.06	3858951.99	0.17152	0.18234	0.186	2.55E-03	1.29E-05	4.84E-03	0.007405	2.61E-03	1.27E-05	5.38E-03	0.008004	2.48E-03	1.61E-05	1.03E-02	1.28E-02
1726	494911.06	3858951.99	0.16634	0.17602	0.18093	2.48E-03	1.24E-05	4.71E-03	0.007195	2.53E-03	1.22E-05	5.24E-03	0.007778	2.40E-03	1.55E-05	1.01E-02	1.25E-02
1727	494961.06	3858951.99	0.16414	0.17448	0.17815	2.44E-03	1.23E-05	4.63E-03	0.00709	2.50E-03	1.21E-05	5.16E-03	0.007664	2.37E-03	1.54E-05	9.90E-03	1.23E-02
1728	495011.06	3858951.99	0.15632	0.16803	0.16958	2.33E-03	1.19E-05	4.41E-03	0.00675	2.38E-03	1.17E-05	4.91E-03	0.007296	2.26E-03	1.48E-05	9.42E-03	1.17E-02
1729	495061.06	3858951.99	0.15078	0.15774	0.16169	2.24E-03	1.11E-05	4.21E-03	0.006462	2.29E-03	1.10E-05	4.68E-03	0.006983	2.18E-03	1.39E-05	8.98E-03	1.12E-02
1730	495111.06	3858951.99	0.14767	0.15131	0.15588	2.20E-03	1.07E-05	4.06E-03	0.006264	2.25E-03	1.05E-05	4.51E-03	0.006767	2.13E-03	1.34E-05	8.66E-03	1.08E-02
1731	495161.06	3858951.99	0.1497	0.15495	0.15914	2.23E-03	1.09E-05	4.14E-03	0.006379	2.28E-03	1.08E-05	4.61E-03	0.006893	2.16E-03	1.37E-05	8.84E-03	1.10E-02
1732	495211.06	3858951.99	0.14993	0.15525	0.15938	2.23E-03	1.10E-05	4.15E-03	0.006389	2.28E-03	1.08E-05	4.61E-03	0.006903	2.17E-03	1.37E-05	8.86E-03	1.10E-02
1733	495261.06	3858951.99	0.15015	0.15389	0.15961	2.23E-03	1.09E-05	4.15E-03	0.006398	2.28E-03	1.07E-05	4.62E-03	0.006913	2.17E-03	1.36E-05	8.87E-03	1.11E-02
1734	495311.06	3858951.99	0.14875	0.151	0.15702	2.21E-03	1.07E-05	4.09E-03	0.00631	2.26E-03	1.05E-05	4.54E-03	0.006817	2.15E-03	1.33E-05	8.73E-03	1.09E-02
1735	495361.06	3858951.99	0.14897	0.15111	0.15746	2.22E-03	1.07E-05	4.10E-03	0.006325	2.27E-03	1.05E-05	4.56E-03	0.006833	2.15E-03	1.33E-05	8.75E-03	1.09E-02

1736	495411.06	3858951.99	0.14951	0.15154	0.15858	2.23E-03	1.07E-05	4.13E-03	0.006362	2.27E-03	1.05E-05	4.59E-03	0.006873	2.16E-03	1.34E-05	8.81E-03	1.10E-02
1737	495461.06	3858951.99	0.14911	0.15199	0.15762	2.22E-03	1.07E-05	4.10E-03	0.006331	2.27E-03	1.06E-05	4.56E-03	0.006839	2.15E-03	1.34E-05	8.76E-03	1.09E-02
1738	495511.06	3858951.99	0.1495	0.15209	0.15779	2.23E-03	1.07E-05	4.11E-03	0.006341	2.27E-03	1.06E-05	4.57E-03	0.00685	2.16E-03	1.34E-05	8.77E-03	1.09E-02
1739	495561.06	3858951.99	0.14587	0.14808	0.15393	2.17E-03	1.05E-05	4.00E-03	0.006186	2.22E-03	1.03E-05	4.45E-03	0.006683	2.11E-03	1.31E-05	8.55E-03	1.07E-02
1740	495611.06	3858951.99	0.14358	0.14598	0.15227	2.14E-03	1.03E-05	3.96E-03	0.006109	2.18E-03	1.01E-05	4.41E-03	0.0066	2.07E-03	1.29E-05	8.46E-03	1.05E-02
1741	495661.06	3858951.99	0.14383	0.14648	0.15227	2.14E-03	1.03E-05	3.96E-03	0.006113	2.19E-03	1.02E-05	4.41E-03	0.006604	2.08E-03	1.29E-05	8.46E-03	1.06E-02
1742	494311.06	3859001.99	0.21314	0.22645	0.23313	3.17E-03	1.60E-05	6.07E-03	0.009254	3.24E-03	1.57E-05	6.75E-03	0.010003	3.08E-03	2.00E-05	1.30E-02	1.61E-02
1743	494361.06	3859001.99	0.21303	0.22599	0.23287	3.17E-03	1.60E-05	6.06E-03	0.009245	3.24E-03	1.57E-05	6.74E-03	0.009994	3.08E-03	1.99E-05	1.29E-02	1.60E-02
1744	494411.06	3859001.99	0.21382	0.22592	0.23505	3.18E-03	1.60E-05	6.12E-03	0.009314	3.25E-03	1.57E-05	6.80E-03	0.010069	3.09E-03	1.99E-05	1.31E-02	1.62E-02
1745	494461.06	3859001.99	0.21212	0.22272	0.23375	3.16E-03	1.57E-05	6.08E-03	0.009254	3.23E-03	1.55E-05	6.76E-03	0.010006	3.07E-03	1.97E-05	1.30E-02	1.61E-02
1746	494511.06	3859001.99	0.21048	0.22391	0.23195	3.13E-03	1.58E-05	6.03E-03	0.009183	3.20E-03	1.56E-05	6.71E-03	0.009929	3.04E-03	1.98E-05	1.29E-02	1.59E-02
1747	494561.06	3859001.99	0.20608	0.21835	0.22585	3.07E-03	1.54E-05	5.88E-03	0.008959	3.13E-03	1.52E-05	6.54E-03	0.009685	2.98E-03	1.93E-05	1.25E-02	1.55E-02
1748	494611.06	3859001.99	0.20206	0.21595	0.22104	3.01E-03	1.52E-05	5.75E-03	0.008773	3.07E-03	1.50E-05	6.40E-03	0.009484	2.92E-03	1.91E-05	1.23E-02	1.52E-02
1749	494661.06	3859001.99	0.19674	0.21254	0.21308	2.93E-03	1.50E-05	5.54E-03	0.008487	2.99E-03	1.48E-05	6.17E-03	0.009173	2.84E-03	1.88E-05	1.18E-02	1.47E-02
1750	494711.06	3859001.99	0.18912	0.2081	0.20269	2.82E-03	1.47E-05	5.27E-03	0.008103	2.88E-03	1.45E-05	5.87E-03	0.008756	2.73E-03	1.84E-05	1.13E-02	1.40E-02
1751	494761.06	3859001.99	0.18434	0.20358	0.19802	2.74E-03	1.44E-05	5.15E-03	0.00791	2.80E-03	1.41E-05	5.73E-03	0.008548	2.66E-03	1.80E-05	1.10E-02	1.37E-02
1752	494811.06	3859001.99	0.1818	0.2006	0.19551	2.71E-03	1.42E-05	5.09E-03	0.007807	2.76E-03	1.39E-05	5.66E-03	0.008436	2.63E-03	1.77E-05	1.09E-02	1.35E-02
1753	494861.06	3859001.99	0.17691	0.19355	0.19113	2.63E-03	1.37E-05	4.97E-03	0.007619	2.69E-03	1.35E-05	5.53E-03	0.008235	2.56E-03	1.71E-05	1.06E-02	1.32E-02
1754	494911.06	3859001.99	0.17248	0.18818	0.18743	2.57E-03	1.33E-05	4.88E-03	0.007457	2.62E-03	1.31E-05	5.42E-03	0.00806	2.49E-03	1.66E-05	1.04E-02	1.29E-02
1755	494961.06	3859001.99	0.16744	0.18081	0.18298	2.49E-03	1.28E-05	4.76E-03	0.007265	2.55E-03	1.26E-05	5.29E-03	0.007854	2.42E-03	1.60E-05	1.02E-02	1.26E-02
1756	495011.06	3859001.99	0.15407	0.16432	0.16741	2.29E-03	1.16E-05	4.36E-03	0.00666	2.34E-03	1.14E-05	4.84E-03	0.007199	2.23E-03	1.45E-05	9.30E-03	1.15E-02
1757	495061.06	3859001.99	0.15208	0.16333	0.16497	2.26E-03	1.15E-05	4.29E-03	0.006567	2.31E-03	1.14E-05	4.77E-03	0.007098	2.20E-03	1.44E-05	9.17E-03	1.14E-02
1758	495111.06	3859001.99	0.14864	0.15766	0.15991	2.21E-03	1.11E-05	4.16E-03	0.006384	2.26E-03	1.10E-05	4.63E-03	0.006899	2.15E-03	1.39E-05	8.89E-03	1.10E-02
1759	495161.06	3859001.99	0.15229	0.16331	0.16501	2.27E-03	1.15E-05	4.29E-03	0.006571	2.32E-03	1.14E-05	4.77E-03	0.007102	2.20E-03	1.44E-05	9.17E-03	1.14E-02
1760	495211.06	3859001.99	0.15185	0.16222	0.16445	2.26E-03	1.15E-05	4.28E-03	0.00655	2.31E-03	1.13E-05	4.76E-03	0.007079	2.19E-03	1.43E-05	9.14E-03	1.13E-02
1761	495261.06	3859001.99	0.15244	0.16241	0.16507	2.27E-03	1.15E-05	4.29E-03	0.006575	2.32E-03	1.13E-05	4.78E-03	0.007106	2.20E-03	1.43E-05	9.17E-03	1.14E-02
1762	495311.06	3859001.99	0.15171	0.16026	0.16407	2.26E-03	1.13E-05	4.27E-03	0.006538	2.31E-03	1.11E-05	4.75E-03	0.007066	2.19E-03	1.41E-05	9.12E-03	1.13E-02
1763	495361.06	3859001.99	0.15247	0.15902	0.1641	2.27E-03	1.12E-05	4.27E-03	0.00655	2.32E-03	1.11E-05	4.75E-03	0.007079	2.20E-03	1.40E-05	9.12E-03	1.13E-02
1764	495411.06	3859001.99	0.15232	0.15737	0.16349	2.27E-03	1.11E-05	4.25E-03	0.006532	2.32E-03	1.09E-05	4.73E-03	0.007059	2.20E-03	1.39E-05	9.08E-03	1.13E-02
1765	495461.06	3859001.99	0.15243	0.15626	0.1636	2.27E-03	1.10E-05	4.26E-03	0.006536	2.32E-03	1.09E-05	4.73E-03	0.007063	2.20E-03	1.38E-05	9.09E-03	1.13E-02
1766	495511.06	3859001.99	0.14979	0.15481	0.1608	2.23E-03	1.09E-05	4.18E-03	0.006424	2.28E-03	1.08E-05	4.65E-03	0.006942	2.16E-03	1.37E-05	8.94E-03	1.11E-02
1767	495561.06	3859001.99	0.14882	0.15279	0.15953	2.22E-03	1.08E-05	4.15E-03	0.006376	2.26E-03	1.06E-05	4.62E-03	0.00689	2.15E-03	1.35E-05	8.86E-03	1.10E-02
1768	495611.06	3859001.99	0.14783	0.15171	0.15799	2.20E-03	1.07E-05	4.11E-03	0.006321	2.25E-03	1.05E-05	4.57E-03	0.006831	2.14E-03	1.34E-05	8.78E-03	1.09E-02
1769	495661.06	3859001.99	0.14991	0.15556	0.16012	2.23E-03	1.10E-05	4.17E-03	0.006408	2.28E-03	1.08E-05	4.63E-03	0.006924	2.17E-03	1.37E-05	8.90E-03	1.11E-02
1770	494311.06	3859051.99	0.22244	0.23687	0.24822	3.31E-03	1.67E-05	6.46E-03	0.009785	3.38E-03	1.65E-05	7.18E-03	0.010582	3.21E-03	2.09E-05	1.38E-02	1.70E-02
1771	494361.06	3859051.99	0.22487	0.23801	0.25306	3.35E-03	1.68E-05	6.58E-03	0.009948	3.42E-03	1.65E-05	7.32E-03	0.010759	3.25E-03	2.10E-05	1.41E-02	1.73E-02
1772	494411.06	3859051.99	0.22263	0.23704	0.25016	3.31E-03	1.67E-05	6.51E-03	0.009839	3.39E-03	1.65E-05	7.24E-03	0.010641	3.22E-03	2.09E-05	1.39E-02	1.71E-02
1773	494461.06	3859051.99	0.21966	0.23462	0.2462	3.27E-03	1.66E-05	6.41E-03	0.009691	3.34E-03	1.63E-05	7.12E-03	0.010481	3.17E-03	2.07E-05	1.37E-02	1.69E-02
1774	494511.06	3859051.99	0.21536	0.22575	0.2399	3.21E-03	1.59E-05	6.24E-03	0.009463	3.28E-03	1.57E-05	6.94E-03	0.010233	3.11E-03	1.99E-05	1.33E-02	1.65E-02
1775	494561.06	3859051.99	0.21165	0.22423	0.23457	3.15E-03	1.58E-05	6.10E-03	0.009269	3.22E-03	1.56E-05	6.79E-03	0.010022	3.06E-03	1.98E-05	1.30E-02	1.61E-02
1776	494611.06	3859051.99	0.2061	0.21808	0.22697	3.07E-03	1.54E-05	5.90E-03	0.008988	3.13E-03	1.52E-05	6.57E-03	0.009718	2.98E-03	1.92E-05	1.26E-02	1.56E-02
1777	494661.06	3859051.99	0.20067	0.21515	0.22016	2.99E-03	1.52E-05	5.73E-03	0.00873	3.05E-03	1.50E-05	6.37E-03	0.009438	2.90E-03	1.90E-05	1.22E-02	1.52E-02
1778	494711.06	3859051.99	0.19601	0.21157	0.21476	2.92E-03	1.49E-05	5.59E-03	0.00852	2.98E-03	1.47E-05	6.21E-03	0.00921	2.83E-03	1.87E-05	1.19E-02	1.48E-02
1779	494761.06	3859051.99	0.19166	0.20713	0.20695	2.85E-03	1.46E-05	5.38E-03	0.008251	2.91E-03	1.44E-05	5.99E-03	0.008918	2.77E-03	1.83E-05	1.15E-02	1.43E-02
1780	494811.06	3859051.99	0.18825	0.20538	0.20192	2.80E-03	1.45E-05	5.25E-03	0.00807	2.86E-03	1.43E-05	5.84E-03	0.00872	2.72E-03	1.81E-05	1.12E-02	1.40E-02
1781	494861.06	3859051.99	0.18438	0.20358	0.19762	2.74E-03	1.44E-05	5.14E-03	0.0079	2.80E-03	1.41E-05	5.72E-03	0.008537	2.66E-03	1.80E-05	1.10E-02	1.37E-02
1782	494911.06	3859051.99	0.17702	0.19557	0.19167	2.63E-03	1.38E-05	4.99E-03	0.007635	2.69E-03	1.36E-05	5.55E-03	0.008252	2.56E-03	1.73E-05	1.07E-02	1.32E-02

1783	494961.06	3859051.99	0.16741	0.18383	0.18391	2.49E-03	1.30E-05	4.78E-03	0.007289	2.55E-03	1.28E-05	5.32E-03	0.007881	2.42E-03	1.62E-05	1.02E-02	1.27E-02
1784	495011.06	3859051.99	0.16144	0.17599	0.1768	2.40E-03	1.24E-05	4.60E-03	0.007015	2.46E-03	1.22E-05	5.12E-03	0.007584	2.33E-03	1.55E-05	9.82E-03	1.22E-02
1785	495061.06	3859051.99	0.15738	0.17131	0.17148	2.34E-03	1.21E-05	4.46E-03	0.006816	2.39E-03	1.19E-05	4.96E-03	0.007368	2.27E-03	1.51E-05	9.53E-03	1.18E-02
1786	495111.06	3859051.99	0.15563	0.16891	0.16911	2.32E-03	1.19E-05	4.40E-03	0.006728	2.37E-03	1.17E-05	4.89E-03	0.007272	2.25E-03	1.49E-05	9.40E-03	1.17E-02
1787	495161.06	3859051.99	0.15859	0.17033	0.17326	2.36E-03	1.20E-05	4.51E-03	0.00688	2.41E-03	1.18E-05	5.01E-03	0.007437	2.29E-03	1.50E-05	9.63E-03	1.19E-02
1788	495211.06	3859051.99	0.15628	0.168	0.17001	2.33E-03	1.19E-05	4.42E-03	0.006761	2.38E-03	1.17E-05	4.92E-03	0.007308	2.26E-03	1.48E-05	9.45E-03	1.17E-02
1789	495261.06	3859051.99	0.15848	0.16965	0.17222	2.36E-03	1.20E-05	4.48E-03	0.006851	2.41E-03	1.18E-05	4.98E-03	0.007406	2.29E-03	1.50E-05	9.57E-03	1.19E-02
1790	495311.06	3859051.99	0.15722	0.16836	0.17024	2.34E-03	1.19E-05	4.43E-03	0.006781	2.39E-03	1.17E-05	4.93E-03	0.007329	2.27E-03	1.49E-05	9.46E-03	1.17E-02
1791	495361.06	3859051.99	0.15721	0.16815	0.1697	2.34E-03	1.19E-05	4.41E-03	0.006767	2.39E-03	1.17E-05	4.91E-03	0.007313	2.27E-03	1.48E-05	9.43E-03	1.17E-02
1792	495411.06	3859051.99	0.15839	0.16733	0.17026	2.36E-03	1.18E-05	4.43E-03	0.006799	2.41E-03	1.16E-05	4.93E-03	0.007347	2.29E-03	1.48E-05	9.46E-03	1.18E-02
1793	495461.06	3859051.99	0.15937	0.16679	0.17091	2.37E-03	1.18E-05	4.45E-03	0.00683	2.42E-03	1.16E-05	4.95E-03	0.007381	2.30E-03	1.47E-05	9.50E-03	1.18E-02
1794	495511.06	3859051.99	0.15566	0.16389	0.16714	2.32E-03	1.16E-05	4.35E-03	0.006677	2.37E-03	1.14E-05	4.84E-03	0.007215	2.25E-03	1.45E-05	9.29E-03	1.16E-02
1795	495561.06	3859051.99	0.15309	0.16056	0.16458	2.28E-03	1.13E-05	4.28E-03	0.006572	2.33E-03	1.12E-05	4.76E-03	0.007102	2.21E-03	1.42E-05	9.15E-03	1.14E-02
1796	495611.06	3859051.99	0.15118	0.15773	0.16284	2.25E-03	1.11E-05	4.24E-03	0.006498	2.30E-03	1.10E-05	4.71E-03	0.007022	2.18E-03	1.39E-05	9.05E-03	1.12E-02
1797	495661.06	3859051.99	0.15337	0.15819	0.16442	2.28E-03	1.12E-05	4.28E-03	0.006572	2.33E-03	1.10E-05	4.76E-03	0.007101	2.22E-03	1.40E-05	9.14E-03	1.14E-02
1798	494311.06	3859101.99	0.23426	0.26103	0.2663	3.49E-03	1.84E-05	6.93E-03	0.010433	3.56E-03	1.81E-05	7.71E-03	0.011287	3.39E-03	2.30E-05	1.48E-02	1.82E-02
1799	494361.06	3859101.99	0.23224	0.25618	0.26394	3.46E-03	1.81E-05	6.87E-03	0.010342	3.53E-03	1.78E-05	7.64E-03	0.011188	3.36E-03	2.26E-05	1.47E-02	1.80E-02
1800	494411.06	3859101.99	0.23117	0.24876	0.26214	3.44E-03	1.76E-05	6.82E-03	0.010278	3.52E-03	1.73E-05	7.59E-03	0.011119	3.34E-03	2.19E-05	1.46E-02	1.79E-02
1801	494461.06	3859101.99	0.22746	0.24374	0.25848	3.39E-03	1.72E-05	6.72E-03	0.010127	3.46E-03	1.69E-05	7.48E-03	0.010956	3.29E-03	2.15E-05	1.44E-02	1.77E-02
1802	494511.06	3859101.99	0.22151	0.23639	0.25167	3.30E-03	1.67E-05	6.55E-03	0.009861	3.37E-03	1.64E-05	7.28E-03	0.010668	3.20E-03	2.09E-05	1.40E-02	1.72E-02
1803	494561.06	3859101.99	0.21722	0.23231	0.24657	3.23E-03	1.64E-05	6.41E-03	0.009664	3.30E-03	1.61E-05	7.14E-03	0.010455	3.14E-03	2.05E-05	1.37E-02	1.69E-02
1804	494611.06	3859101.99	0.21147	0.22481	0.23689	3.15E-03	1.59E-05	6.16E-03	0.009326	3.22E-03	1.56E-05	6.85E-03	0.010087	3.06E-03	1.98E-05	1.32E-02	1.62E-02
1805	494661.06	3859101.99	0.20719	0.21747	0.23077	3.08E-03	1.54E-05	6.00E-03	0.009103	3.15E-03	1.51E-05	6.68E-03	0.009844	2.99E-03	1.92E-05	1.28E-02	1.58E-02
1806	494711.06	3859101.99	0.19892	0.21072	0.21954	2.96E-03	1.49E-05	5.71E-03	0.008687	3.03E-03	1.46E-05	6.35E-03	0.009393	2.87E-03	1.86E-05	1.22E-02	1.51E-02
1807	494761.06	3859101.99	0.19779	0.21072	0.21838	2.94E-03	1.49E-05	5.68E-03	0.00864	3.01E-03	1.46E-05	6.32E-03	0.009342	2.86E-03	1.86E-05	1.21E-02	1.50E-02
1808	494811.06	3859101.99	0.19379	0.20942	0.21223	2.88E-03	1.48E-05	5.52E-03	0.008421	2.95E-03	1.46E-05	6.14E-03	0.009103	2.80E-03	1.85E-05	1.18E-02	1.46E-02
1809	494861.06	3859101.99	0.19034	0.20676	0.20644	2.83E-03	1.46E-05	5.37E-03	0.008218	2.89E-03	1.44E-05	5.97E-03	0.008883	2.75E-03	1.82E-05	1.15E-02	1.42E-02
1810	494911.06	3859101.99	0.18378	0.20244	0.19755	2.74E-03	1.43E-05	5.14E-03	0.007889	2.80E-03	1.41E-05	5.72E-03	0.008526	2.66E-03	1.79E-05	1.10E-02	1.37E-02
1811	494961.06	3859101.99	0.17314	0.19047	0.18813	2.58E-03	1.34E-05	4.89E-03	0.007485	2.63E-03	1.32E-05	5.44E-03	0.00809	2.50E-03	1.68E-05	1.05E-02	1.30E-02
1812	495011.06	3859101.99	0.16314	0.17661	0.17791	2.43E-03	1.25E-05	4.63E-03	0.007069	2.48E-03	1.23E-05	5.15E-03	0.007642	2.36E-03	1.56E-05	9.89E-03	1.23E-02
1813	495061.06	3859101.99	0.16336	0.17813	0.17883	2.43E-03	1.26E-05	4.65E-03	0.007097	2.48E-03	1.24E-05	5.17E-03	0.007672	2.36E-03	1.57E-05	9.94E-03	1.23E-02
1814	495111.06	3859101.99	0.16149	0.17615	0.17654	2.40E-03	1.24E-05	4.59E-03	0.007009	2.46E-03	1.22E-05	5.11E-03	0.007577	2.33E-03	1.55E-05	9.81E-03	1.22E-02
1815	495161.06	3859101.99	0.16332	0.18072	0.17914	2.43E-03	1.28E-05	4.66E-03	0.007104	2.48E-03	1.26E-05	5.18E-03	0.00768	2.36E-03	1.59E-05	9.95E-03	1.23E-02
1816	495211.06	3859101.99	0.16161	0.17909	0.17732	2.41E-03	1.26E-05	4.61E-03	0.007031	2.46E-03	1.24E-05	5.13E-03	0.007602	2.34E-03	1.58E-05	9.85E-03	1.22E-02
1817	495261.06	3859101.99	0.16281	0.1802	0.17799	2.42E-03	1.27E-05	4.63E-03	0.007067	2.48E-03	1.25E-05	5.15E-03	0.007639	2.35E-03	1.59E-05	9.89E-03	1.23E-02
1818	495311.06	3859101.99	0.16237	0.17724	0.17725	2.42E-03	1.25E-05	4.61E-03	0.007041	2.47E-03	1.23E-05	5.13E-03	0.007611	2.35E-03	1.56E-05	9.85E-03	1.22E-02
1819	495361.06	3859101.99	0.1648	0.17744	0.17839	2.45E-03	1.25E-05	4.64E-03	0.007107	2.51E-03	1.23E-05	5.16E-03	0.007681	2.38E-03	1.57E-05	9.91E-03	1.23E-02
1820	495411.06	3859101.99	0.16549	0.17589	0.17868	2.46E-03	1.24E-05	4.65E-03	0.007124	2.52E-03	1.22E-05	5.17E-03	0.0077	2.39E-03	1.55E-05	9.93E-03	1.23E-02
1821	495461.06	3859101.99	0.16229	0.17294	0.17617	2.42E-03	1.22E-05	4.58E-03	0.007011	2.47E-03	1.20E-05	5.10E-03	0.007578	2.35E-03	1.53E-05	9.79E-03	1.21E-02
1822	495511.06	3859101.99	0.16175	0.17208	0.17572	2.41E-03	1.22E-05	4.57E-03	0.006991	2.46E-03	1.20E-05	5.08E-03	0.007557	2.34E-03	1.52E-05	9.76E-03	1.21E-02
1823	495561.06	3859101.99	0.16149	0.16935	0.17449	2.40E-03	1.20E-05	4.54E-03	0.006955	2.46E-03	1.18E-05	5.05E-03	0.007517	2.33E-03	1.49E-05	9.70E-03	1.20E-02
1824	495611.06	3859101.99	0.15887	0.16551	0.17152	2.36E-03	1.17E-05	4.46E-03	0.006839	2.42E-03	1.15E-05	4.96E-03	0.007391	2.30E-03	1.46E-05	9.53E-03	1.18E-02
1825	495661.06	3859101.99	0.16014	0.16528	0.17207	2.38E-03	1.17E-05	4.48E-03	0.006872	2.44E-03	1.15E-05	4.98E-03	0.007426	2.31E-03	1.46E-05	9.56E-03	1.19E-02
1826	494311.06	3859151.99	0.24418	0.27661	0.27793	3.63E-03	1.95E-05	7.23E-03	0.010885	3.71E-03	1.92E-05	8.04E-03	0.011775	3.53E-03	2.44E-05	1.54E-02	1.90E-02
1827	494361.06	3859151.99	0.24327	0.27236	0.27644	3.62E-03	1.92E-05	7.19E-03	0.010832	3.70E-03	1.89E-05	8.00E-03	0.011718	3.52E-03	2.40E-05	1.54E-02	1.89E-02
1828	494411.06	3859151.99	0.23813	0.26565	0.27131	3.54E-03	1.88E-05	7.06E-03	0.010622	3.62E-03	1.85E-05	7.85E-03	0.011491	3.44E-03	2.34E-05	1.51E-02	1.85E-02
1829	494461.06	3859151.99	0.23283	0.26064	0.26597	3.47E-03	1.84E-05	6.92E-03	0.010403	3.54E-03	1.81E-05	7.70E-03	0.011256	3.36E-03	2.30E-05	1.48E-02	1.82E-02

1830	494511.06	3859151.99	0.22642	0.25084	0.25818	3.37E-03	1.77E-05	6.72E-03	0.010105	3.44E-03	1.74E-05	7.47E-03	0.010932	3.27E-03	2.21E-05	1.43E-02	1.76E-02
1831	494561.06	3859151.99	0.22315	0.24324	0.25415	3.32E-03	1.72E-05	6.61E-03	0.009951	3.39E-03	1.69E-05	7.35E-03	0.010765	3.22E-03	2.15E-05	1.41E-02	1.74E-02
1832	494611.06	3859151.99	0.21757	0.23468	0.24646	3.24E-03	1.66E-05	6.41E-03	0.009667	3.31E-03	1.63E-05	7.13E-03	0.010457	3.14E-03	2.07E-05	1.37E-02	1.69E-02
1833	494661.06	3859151.99	0.21445	0.23058	0.24217	3.19E-03	1.63E-05	6.30E-03	0.009509	3.26E-03	1.60E-05	7.01E-03	0.010285	3.10E-03	2.03E-05	1.35E-02	1.66E-02
1834	494711.06	3859151.99	0.21208	0.22797	0.23842	3.16E-03	1.61E-05	6.20E-03	0.009376	3.23E-03	1.58E-05	6.90E-03	0.010141	3.06E-03	2.01E-05	1.32E-02	1.63E-02
1835	494761.06	3859151.99	0.20641	0.21657	0.22882	3.07E-03	1.53E-05	5.95E-03	0.009041	3.14E-03	1.51E-05	6.62E-03	0.009776	2.98E-03	1.91E-05	1.27E-02	1.57E-02
1836	494811.06	3859151.99	0.19973	0.2087	0.22054	2.97E-03	1.47E-05	5.74E-03	0.008725	3.04E-03	1.45E-05	6.38E-03	0.009434	2.89E-03	1.84E-05	1.23E-02	1.52E-02
1837	494861.06	3859151.99	0.19569	0.2081	0.2163	2.91E-03	1.47E-05	5.63E-03	0.008555	2.98E-03	1.45E-05	6.26E-03	0.00925	2.83E-03	1.84E-05	1.20E-02	1.49E-02
1838	494911.06	3859151.99	0.18909	0.20041	0.20575	2.81E-03	1.42E-05	5.35E-03	0.008181	2.88E-03	1.39E-05	5.95E-03	0.008844	2.73E-03	1.77E-05	1.14E-02	1.42E-02
1839	494961.06	3859151.99	0.17912	0.19167	0.19224	2.67E-03	1.35E-05	5.00E-03	0.007681	2.72E-03	1.33E-05	5.56E-03	0.0083	2.59E-03	1.69E-05	1.07E-02	1.33E-02
1840	495011.06	3859151.99	0.16951	0.18326	0.18298	2.52E-03	1.29E-05	4.76E-03	0.007296	2.58E-03	1.27E-05	5.29E-03	0.007886	2.45E-03	1.62E-05	1.02E-02	1.26E-02
1841	495061.06	3859151.99	0.16879	0.18551	0.18295	2.51E-03	1.31E-05	4.76E-03	0.007285	2.57E-03	1.29E-05	5.29E-03	0.007874	2.44E-03	1.64E-05	1.02E-02	1.26E-02
1842	495111.06	3859151.99	0.16739	0.18433	0.18205	2.49E-03	1.30E-05	4.74E-03	0.007241	2.55E-03	1.28E-05	5.27E-03	0.007827	2.42E-03	1.63E-05	1.01E-02	1.26E-02
1843	495161.06	3859151.99	0.17022	0.18881	0.18543	2.53E-03	1.33E-05	4.82E-03	0.007371	2.59E-03	1.31E-05	5.37E-03	0.007968	2.46E-03	1.67E-05	1.03E-02	1.28E-02
1844	495211.06	3859151.99	0.16954	0.1888	0.18508	2.52E-03	1.33E-05	4.82E-03	0.007352	2.58E-03	1.31E-05	5.36E-03	0.007947	2.45E-03	1.67E-05	1.03E-02	1.28E-02
1845	495261.06	3859151.99	0.16879	0.19062	0.18454	2.51E-03	1.35E-05	4.80E-03	0.007327	2.57E-03	1.32E-05	5.34E-03	0.00792	2.44E-03	1.68E-05	1.03E-02	1.27E-02
1846	495311.06	3859151.99	0.16865	0.19039	0.18418	2.51E-03	1.34E-05	4.79E-03	0.007315	2.56E-03	1.32E-05	5.33E-03	0.007908	2.44E-03	1.68E-05	1.02E-02	1.27E-02
1847	495361.06	3859151.99	0.16814	0.18927	0.18382	2.50E-03	1.34E-05	4.78E-03	0.007298	2.56E-03	1.32E-05	5.32E-03	0.00789	2.43E-03	1.67E-05	1.02E-02	1.27E-02
1848	495411.06	3859151.99	0.17114	0.19049	0.1862	2.55E-03	1.35E-05	4.84E-03	0.007405	2.60E-03	1.32E-05	5.39E-03	0.008004	2.47E-03	1.68E-05	1.03E-02	1.28E-02
1849	495461.06	3859151.99	0.17138	0.18896	0.18628	2.55E-03	1.33E-05	4.85E-03	0.007411	2.61E-03	1.31E-05	5.39E-03	0.00801	2.48E-03	1.67E-05	1.04E-02	1.28E-02
1850	495511.06	3859151.99	0.16882	0.18397	0.18307	2.51E-03	1.30E-05	4.76E-03	0.007289	2.57E-03	1.28E-05	5.30E-03	0.007878	2.44E-03	1.62E-05	1.02E-02	1.26E-02
1851	495561.06	3859151.99	0.16768	0.17992	0.18141	2.50E-03	1.27E-05	4.72E-03	0.007228	2.55E-03	1.25E-05	5.25E-03	0.007812	2.42E-03	1.59E-05	1.01E-02	1.25E-02
1852	495611.06	3859151.99	0.167	0.17783	0.18007	2.49E-03	1.26E-05	4.68E-03	0.007183	2.54E-03	1.24E-05	5.21E-03	0.007763	2.41E-03	1.57E-05	1.00E-02	1.24E-02
1853	495661.06	3859151.99	0.16655	0.17602	0.17911	2.48E-03	1.24E-05	4.66E-03	0.007151	2.53E-03	1.22E-05	5.18E-03	0.007728	2.41E-03	1.55E-05	9.95E-03	1.24E-02
1854	494311.06	3859201.99	0.25235	0.29262	0.29001	3.76E-03	2.07E-05	7.54E-03	0.011322	3.84E-03	2.03E-05	8.39E-03	0.01225	3.65E-03	2.58E-05	1.61E-02	1.98E-02
1855	494361.06	3859201.99	0.24963	0.28845	0.28625	3.72E-03	2.04E-05	7.45E-03	0.011183	3.80E-03	2.00E-05	8.28E-03	0.0121	3.61E-03	2.55E-05	1.59E-02	1.95E-02
1856	494411.06	3859201.99	0.24581	0.28457	0.28203	3.66E-03	2.01E-05	7.34E-03	0.011016	3.74E-03	1.98E-05	8.16E-03	0.011919	3.55E-03	2.51E-05	1.57E-02	1.92E-02
1857	494461.06	3859201.99	0.23942	0.27486	0.27599	3.56E-03	1.94E-05	7.18E-03	0.010763	3.64E-03	1.91E-05	7.99E-03	0.011647	3.46E-03	2.43E-05	1.53E-02	1.88E-02
1858	494511.06	3859201.99	0.23566	0.26775	0.27163	3.51E-03	1.89E-05	7.07E-03	0.010593	3.58E-03	1.86E-05	7.86E-03	0.011463	3.41E-03	2.36E-05	1.51E-02	1.85E-02
1859	494561.06	3859201.99	0.22847	0.25876	0.26272	3.40E-03	1.83E-05	6.83E-03	0.010254	3.47E-03	1.80E-05	7.60E-03	0.011095	3.30E-03	2.28E-05	1.46E-02	1.79E-02
1860	494611.06	3859201.99	0.22298	0.25341	0.25589	3.32E-03	1.79E-05	6.66E-03	0.009994	3.39E-03	1.76E-05	7.40E-03	0.010814	3.22E-03	2.24E-05	1.42E-02	1.75E-02
1861	494661.06	3859201.99	0.21937	0.24494	0.25087	3.27E-03	1.73E-05	6.53E-03	0.009809	3.34E-03	1.70E-05	7.26E-03	0.010613	3.17E-03	2.16E-05	1.39E-02	1.71E-02
1862	494711.06	3859201.99	0.21595	0.2379	0.24578	3.21E-03	1.68E-05	6.39E-03	0.009625	3.28E-03	1.65E-05	7.11E-03	0.010413	3.12E-03	2.10E-05	1.37E-02	1.68E-02
1863	494761.06	3859201.99	0.21057	0.22725	0.23674	3.13E-03	1.60E-05	6.16E-03	0.009309	3.20E-03	1.58E-05	6.85E-03	0.010069	3.04E-03	2.01E-05	1.32E-02	1.62E-02
1864	494811.06	3859201.99	0.20674	0.22168	0.23	3.08E-03	1.57E-05	5.98E-03	0.009077	3.14E-03	1.54E-05	6.66E-03	0.009815	2.99E-03	1.96E-05	1.28E-02	1.58E-02
1865	494861.06	3859201.99	0.20162	0.21393	0.22165	3.00E-03	1.51E-05	5.77E-03	0.008783	3.07E-03	1.49E-05	6.41E-03	0.009495	2.91E-03	1.89E-05	1.23E-02	1.52E-02
1866	494911.06	3859201.99	0.19306	0.20112	0.21018	2.87E-03	1.42E-05	5.47E-03	0.008356	2.94E-03	1.40E-05	6.08E-03	0.009032	2.79E-03	1.77E-05	1.17E-02	1.45E-02
1867	494961.06	3859201.99	0.18459	0.19137	0.19936	2.75E-03	1.35E-05	5.19E-03	0.007948	2.81E-03	1.33E-05	5.77E-03	0.00859	2.67E-03	1.69E-05	1.11E-02	1.38E-02
1868	495011.06	3859201.99	0.17315	0.18011	0.18437	2.58E-03	1.27E-05	4.80E-03	0.007387	2.63E-03	1.25E-05	5.34E-03	0.007981	2.50E-03	1.59E-05	1.02E-02	1.28E-02
1869	495061.06	3859201.99	0.17791	0.18854	0.19042	2.65E-03	1.33E-05	4.95E-03	0.007615	2.71E-03	1.31E-05	5.51E-03	0.008229	2.57E-03	1.66E-05	1.06E-02	1.32E-02
1870	495111.06	3859201.99	0.17799	0.19106	0.19161	2.65E-03	1.35E-05	4.98E-03	0.007648	2.71E-03	1.33E-05	5.54E-03	0.008265	2.57E-03	1.69E-05	1.06E-02	1.32E-02
1871	495161.06	3859201.99	0.1774	0.19246	0.19188	2.64E-03	1.36E-05	4.99E-03	0.007646	2.70E-03	1.34E-05	5.55E-03	0.008264	2.56E-03	1.70E-05	1.07E-02	1.32E-02
1872	495211.06	3859201.99	0.17493	0.1933	0.1902	2.60E-03	1.36E-05	4.95E-03	0.007566	2.66E-03	1.34E-05	5.50E-03	0.008178	2.53E-03	1.71E-05	1.06E-02	1.31E-02
1873	495261.06	3859201.99	0.17534	0.19474	0.19109	2.61E-03	1.38E-05	4.97E-03	0.007595	2.67E-03	1.35E-05	5.53E-03	0.00821	2.53E-03	1.72E-05	1.06E-02	1.32E-02
1874	495311.06	3859201.99	0.1747	0.19766	0.19104	2.60E-03	1.40E-05	4.97E-03	0.007584	2.66E-03	1.37E-05	5.53E-03	0.008199	2.52E-03	1.74E-05	1.06E-02	1.32E-02
1875	495361.06	3859201.99	0.17526	0.19901	0.19236	2.61E-03	1.41E-05	5.00E-03	0.007627	2.67E-03	1.38E-05	5.57E-03	0.008246	2.53E-03	1.76E-05	1.07E-02	1.32E-02
1876	495411.06	3859201.99	0.1773	0.20138	0.19654	2.64E-03	1.42E-05	5.11E-03	0.007766	2.70E-03	1.40E-05	5.69E-03	0.008398	2.56E-03	1.78E-05	1.09E-02	1.35E-02

1877	495461.06	3859201.99	0.17648	0.19794	0.19578	2.63E-03	1.40E-05	5.09E-03	0.007734	2.68E-03	1.38E-05	5.67E-03	0.008363	2.55E-03	1.75E-05	1.09E-02	1.34E-02
1878	495511.06	3859201.99	0.17553	0.19635	0.19505	2.61E-03	1.39E-05	5.07E-03	0.007701	2.67E-03	1.36E-05	5.64E-03	0.008327	2.54E-03	1.73E-05	1.08E-02	1.34E-02
1879	495561.06	3859201.99	0.17222	0.1928	0.19021	2.56E-03	1.36E-05	4.95E-03	0.007526	2.62E-03	1.34E-05	5.50E-03	0.008137	2.49E-03	1.70E-05	1.06E-02	1.31E-02
1880	495611.06	3859201.99	0.17072	0.19016	0.18782	2.54E-03	1.34E-05	4.89E-03	0.007441	2.60E-03	1.32E-05	5.44E-03	0.008045	2.47E-03	1.68E-05	1.04E-02	1.29E-02
1881	495661.06	3859201.99	0.17048	0.18629	0.18704	2.54E-03	1.32E-05	4.87E-03	0.007417	2.59E-03	1.29E-05	5.41E-03	0.008018	2.46E-03	1.64E-05	1.04E-02	1.29E-02
1882	494311.06	3859251.99	0.26149	0.29882	0.29977	3.89E-03	2.11E-05	7.80E-03	0.011712	3.98E-03	2.08E-05	8.67E-03	0.012672	3.78E-03	2.64E-05	1.67E-02	2.05E-02
1883	494361.06	3859251.99	0.25685	0.29649	0.29539	3.82E-03	2.09E-05	7.68E-03	0.011529	3.91E-03	2.06E-05	8.55E-03	0.012475	3.71E-03	2.62E-05	1.64E-02	2.02E-02
1884	494411.06	3859251.99	0.25069	0.29142	0.28861	3.73E-03	2.06E-05	7.51E-03	0.01126	3.81E-03	2.03E-05	8.35E-03	0.012185	3.62E-03	2.57E-05	1.60E-02	1.97E-02
1885	494461.06	3859251.99	0.2464	0.28484	0.28368	3.67E-03	2.01E-05	7.38E-03	0.011068	3.75E-03	1.98E-05	8.21E-03	0.011976	3.56E-03	2.51E-05	1.58E-02	1.93E-02
1886	494511.06	3859251.99	0.23922	0.27955	0.27458	3.56E-03	1.97E-05	7.14E-03	0.010724	3.64E-03	1.94E-05	7.95E-03	0.011603	3.46E-03	2.47E-05	1.53E-02	1.87E-02
1887	494561.06	3859251.99	0.23458	0.27422	0.27029	3.49E-03	1.94E-05	7.03E-03	0.010543	3.57E-03	1.91E-05	7.82E-03	0.011408	3.39E-03	2.42E-05	1.50E-02	1.84E-02
1888	494611.06	3859251.99	0.22905	0.26489	0.26299	3.41E-03	1.87E-05	6.84E-03	0.01027	3.48E-03	1.84E-05	7.61E-03	0.011112	3.31E-03	2.34E-05	1.46E-02	1.79E-02
1889	494661.06	3859251.99	0.22626	0.25947	0.26022	3.37E-03	1.83E-05	6.77E-03	0.010156	3.44E-03	1.80E-05	7.53E-03	0.010989	3.27E-03	2.29E-05	1.45E-02	1.78E-02
1890	494711.06	3859251.99	0.22171	0.25415	0.25555	3.30E-03	1.79E-05	6.65E-03	0.009966	3.37E-03	1.77E-05	7.39E-03	0.010785	3.20E-03	2.24E-05	1.42E-02	1.74E-02
1891	494761.06	3859251.99	0.21165	0.24014	0.23814	3.15E-03	1.70E-05	6.20E-03	0.009363	3.22E-03	1.67E-05	6.89E-03	0.010127	3.06E-03	2.12E-05	1.32E-02	1.63E-02
1892	494811.06	3859251.99	0.21055	0.235	0.23833	3.13E-03	1.66E-05	6.20E-03	0.009351	3.20E-03	1.63E-05	6.90E-03	0.010115	3.04E-03	2.07E-05	1.32E-02	1.63E-02
1893	494861.06	3859251.99	0.2033	0.22044	0.2237	3.03E-03	1.56E-05	5.82E-03	0.008861	3.09E-03	1.53E-05	6.47E-03	0.009581	2.94E-03	1.95E-05	1.24E-02	1.54E-02
1894	494911.06	3859251.99	0.19687	0.20951	0.21528	2.93E-03	1.48E-05	5.60E-03	0.008546	2.99E-03	1.46E-05	6.23E-03	0.009238	2.84E-03	1.85E-05	1.20E-02	1.48E-02
1895	494961.06	3859251.99	0.19324	0.20427	0.21024	2.88E-03	1.44E-05	5.47E-03	0.00836	2.94E-03	1.42E-05	6.08E-03	0.009037	2.79E-03	1.80E-05	1.17E-02	1.45E-02
1896	495011.06	3859251.99	0.18829	0.19789	0.20386	2.80E-03	1.40E-05	5.30E-03	0.00812	2.86E-03	1.38E-05	5.90E-03	0.008777	2.72E-03	1.75E-05	1.13E-02	1.41E-02
1897	495061.06	3859251.99	0.1883	0.19775	0.20464	2.80E-03	1.40E-05	5.32E-03	0.008141	2.86E-03	1.37E-05	5.92E-03	0.008799	2.72E-03	1.74E-05	1.14E-02	1.41E-02
1898	495111.06	3859251.99	0.18658	0.19909	0.20249	2.78E-03	1.41E-05	5.27E-03	0.008059	2.84E-03	1.38E-05	5.86E-03	0.008711	2.70E-03	1.76E-05	1.13E-02	1.40E-02
1899	495161.06	3859251.99	0.18648	0.19927	0.20295	2.78E-03	1.41E-05	5.28E-03	0.00807	2.84E-03	1.38E-05	5.87E-03	0.008723	2.69E-03	1.76E-05	1.13E-02	1.40E-02
1900	495211.06	3859251.99	0.18519	0.19533	0.2011	2.76E-03	1.38E-05	5.23E-03	0.008002	2.82E-03	1.36E-05	5.82E-03	0.008649	2.68E-03	1.72E-05	1.12E-02	1.39E-02
1901	495261.06	3859251.99	0.1841	0.19652	0.19992	2.74E-03	1.39E-05	5.20E-03	0.007955	2.80E-03	1.37E-05	5.79E-03	0.008599	2.66E-03	1.73E-05	1.11E-02	1.38E-02
1902	495311.06	3859251.99	0.18458	0.20089	0.20235	2.75E-03	1.42E-05	5.26E-03	0.008026	2.81E-03	1.40E-05	5.86E-03	0.008677	2.67E-03	1.77E-05	1.12E-02	1.39E-02
1903	495361.06	3859251.99	0.18345	0.20289	0.20218	2.73E-03	1.43E-05	5.26E-03	0.008005	2.79E-03	1.41E-05	5.85E-03	0.008655	2.65E-03	1.79E-05	1.12E-02	1.39E-02
1904	495411.06	3859251.99	0.1843	0.20523	0.20485	2.74E-03	1.45E-05	5.33E-03	0.008087	2.80E-03	1.43E-05	5.93E-03	0.008745	2.66E-03	1.81E-05	1.14E-02	1.41E-02
1905	495461.06	3859251.99	0.1831	0.2052	0.20439	2.73E-03	1.45E-05	5.32E-03	0.008057	2.78E-03	1.43E-05	5.91E-03	0.008713	2.65E-03	1.81E-05	1.14E-02	1.40E-02
1906	495511.06	3859251.99	0.1793	0.20389	0.20145	2.67E-03	1.44E-05	5.24E-03	0.007924	2.73E-03	1.42E-05	5.83E-03	0.008571	2.59E-03	1.80E-05	1.12E-02	1.38E-02
1907	495561.06	3859251.99	0.17768	0.20215	0.19936	2.64E-03	1.43E-05	5.19E-03	0.007846	2.70E-03	1.40E-05	5.77E-03	0.008485	2.57E-03	1.78E-05	1.11E-02	1.37E-02
1908	495611.06	3859251.99	0.17508	0.19722	0.19607	2.61E-03	1.39E-05	5.10E-03	0.007721	2.66E-03	1.37E-05	5.67E-03	0.00835	2.53E-03	1.74E-05	1.09E-02	1.34E-02
1909	495661.06	3859251.99	0.17389	0.19486	0.19417	2.59E-03	1.38E-05	5.05E-03	0.007654	2.64E-03	1.35E-05	5.62E-03	0.008277	2.51E-03	1.72E-05	1.08E-02	1.33E-02
1910	494311.06	3859301.99	0.26858	0.30118	0.3057	4.00E-03	2.13E-05	7.95E-03	0.011972	4.08E-03	2.09E-05	8.85E-03	0.012952	3.88E-03	2.66E-05	1.70E-02	2.09E-02
1911	494361.06	3859301.99	0.26431	0.29493	0.30163	3.93E-03	2.08E-05	7.85E-03	0.011802	4.02E-03	2.05E-05	8.73E-03	0.012769	3.82E-03	2.60E-05	1.68E-02	2.06E-02
1912	494411.06	3859301.99	0.25823	0.29212	0.29488	3.84E-03	2.06E-05	7.67E-03	0.011536	3.93E-03	2.03E-05	8.53E-03	0.012481	3.73E-03	2.58E-05	1.64E-02	2.01E-02
1913	494461.06	3859301.99	0.25183	0.28815	0.28762	3.75E-03	2.03E-05	7.48E-03	0.011251	3.83E-03	2.00E-05	8.32E-03	0.012173	3.64E-03	2.54E-05	1.60E-02	1.96E-02
1914	494511.06	3859301.99	0.2461	0.28556	0.28191	3.66E-03	2.02E-05	7.33E-03	0.011017	3.74E-03	1.98E-05	8.16E-03	0.01192	3.56E-03	2.52E-05	1.57E-02	1.92E-02
1915	494561.06	3859301.99	0.24162	0.28005	0.27703	3.60E-03	1.98E-05	7.21E-03	0.010823	3.67E-03	1.95E-05	8.02E-03	0.011711	3.49E-03	2.47E-05	1.54E-02	1.89E-02
1916	494611.06	3859301.99	0.2367	0.27498	0.27091	3.52E-03	1.94E-05	7.05E-03	0.010591	3.60E-03	1.91E-05	7.84E-03	0.011458	3.42E-03	2.43E-05	1.51E-02	1.85E-02
1917	494661.06	3859301.99	0.23181	0.27262	0.26558	3.45E-03	1.92E-05	6.91E-03	0.010379	3.53E-03	1.89E-05	7.69E-03	0.01123	3.35E-03	2.41E-05	1.48E-02	1.81E-02
1918	494711.06	3859301.99	0.2261	0.26504	0.25921	3.37E-03	1.87E-05	6.74E-03	0.010128	3.44E-03	1.84E-05	7.50E-03	0.010958	3.27E-03	2.34E-05	1.44E-02	1.77E-02
1919	494761.06	3859301.99	0.22196	0.25637	0.25289	3.30E-03	1.81E-05	6.58E-03	0.009901	3.38E-03	1.78E-05	7.32E-03	0.010712	3.21E-03	2.26E-05	1.41E-02	1.73E-02
1920	494811.06	3859301.99	0.21581	0.24754	0.24375	3.21E-03	1.75E-05	6.34E-03	0.009571	3.28E-03	1.72E-05	7.05E-03	0.010353	3.12E-03	2.18E-05	1.35E-02	1.67E-02
1921	494861.06	3859301.99	0.20662	0.23489	0.22929	3.08E-03	1.66E-05	5.97E-03	0.009057	3.14E-03	1.63E-05	6.64E-03	0.009794	2.99E-03	2.07E-05	1.27E-02	1.57E-02
1922	494911.06	3859301.99	0.20225	0.22737	0.22362	3.01E-03	1.61E-05	5.82E-03	0.008844	3.08E-03	1.58E-05	6.47E-03	0.009563	2.92E-03	2.01E-05	1.24E-02	1.54E-02
1923	494961.06	3859301.99	0.19403	0.21018	0.21177	2.89E-03	1.48E-05	5.51E-03	0.008412	2.95E-03	1.46E-05	6.13E-03	0.009094	2.80E-03	1.85E-05	1.18E-02	1.46E-02

1924	495011.06	3859301.99	0.19181	0.20402	0.20865	2.86E-03	1.44E-05	5.43E-03	0.008298	2.92E-03	1.42E-05	6.04E-03	0.008969	2.77E-03	1.80E-05	1.16E-02	1.44E-02
1925	495061.06	3859301.99	0.19562	0.20828	0.21542	2.91E-03	1.47E-05	5.60E-03	0.008531	2.98E-03	1.45E-05	6.23E-03	0.009223	2.83E-03	1.84E-05	1.20E-02	1.48E-02
1926	495111.06	3859301.99	0.19236	0.20447	0.20947	2.86E-03	1.44E-05	5.45E-03	0.008327	2.93E-03	1.42E-05	6.06E-03	0.009001	2.78E-03	1.80E-05	1.16E-02	1.44E-02
1927	495161.06	3859301.99	0.19204	0.20276	0.20979	2.86E-03	1.43E-05	5.46E-03	0.008331	2.92E-03	1.41E-05	6.07E-03	0.009006	2.78E-03	1.79E-05	1.17E-02	1.45E-02
1928	495211.06	3859301.99	0.19285	0.20709	0.21254	2.87E-03	1.46E-05	5.53E-03	0.008415	2.93E-03	1.44E-05	6.15E-03	0.009098	2.79E-03	1.83E-05	1.18E-02	1.46E-02
1929	495261.06	3859301.99	0.19223	0.20935	0.21302	2.86E-03	1.48E-05	5.54E-03	0.008418	2.92E-03	1.46E-05	6.16E-03	0.009102	2.78E-03	1.85E-05	1.18E-02	1.46E-02
1930	495311.06	3859301.99	0.19004	0.20686	0.20994	2.83E-03	1.46E-05	5.46E-03	0.008305	2.89E-03	1.44E-05	6.08E-03	0.00898	2.75E-03	1.83E-05	1.17E-02	1.44E-02
1931	495361.06	3859301.99	0.19038	0.20677	0.21072	2.83E-03	1.46E-05	5.48E-03	0.00833	2.90E-03	1.44E-05	6.10E-03	0.009007	2.75E-03	1.82E-05	1.17E-02	1.45E-02
1932	495411.06	3859301.99	0.18984	0.2087	0.21043	2.83E-03	1.47E-05	5.47E-03	0.008315	2.89E-03	1.45E-05	6.09E-03	0.008991	2.74E-03	1.84E-05	1.17E-02	1.45E-02
1933	495461.06	3859301.99	0.18965	0.21133	0.21069	2.82E-03	1.49E-05	5.48E-03	0.008319	2.88E-03	1.47E-05	6.10E-03	0.008996	2.74E-03	1.86E-05	1.17E-02	1.45E-02
1934	495511.06	3859301.99	0.18733	0.21107	0.20789	2.79E-03	1.49E-05	5.41E-03	0.008212	2.85E-03	1.47E-05	6.02E-03	0.00888	2.71E-03	1.86E-05	1.16E-02	1.43E-02
1935	495561.06	3859301.99	0.18273	0.204	0.20333	2.72E-03	1.44E-05	5.29E-03	0.008024	2.78E-03	1.42E-05	5.88E-03	0.008677	2.64E-03	1.80E-05	1.13E-02	1.40E-02
1936	495611.06	3859301.99	0.18039	0.2011	0.20204	2.69E-03	1.42E-05	5.26E-03	0.007956	2.74E-03	1.40E-05	5.85E-03	0.008604	2.61E-03	1.77E-05	1.12E-02	1.39E-02
1937	495661.06	3859301.99	0.17858	0.20298	0.20065	2.66E-03	1.43E-05	5.22E-03	0.007893	2.72E-03	1.41E-05	5.81E-03	0.008536	2.58E-03	1.79E-05	1.11E-02	1.37E-02
1938	494311.06	3859351.99	0.27352	0.30087	0.30689	4.07E-03	2.12E-05	7.98E-03	0.012077	4.16E-03	2.09E-05	8.88E-03	0.013061	3.95E-03	2.65E-05	1.71E-02	2.10E-02
1939	494361.06	3859351.99	0.26852	0.29943	0.30205	4.00E-03	2.11E-05	7.86E-03	0.011876	4.08E-03	2.08E-05	8.74E-03	0.012845	3.88E-03	2.64E-05	1.68E-02	2.07E-02
1940	494411.06	3859351.99	0.26144	0.29777	0.29458	3.89E-03	2.10E-05	7.66E-03	0.011576	3.98E-03	2.07E-05	8.52E-03	0.012521	3.78E-03	2.63E-05	1.64E-02	2.02E-02
1941	494461.06	3859351.99	0.25606	0.29002	0.28816	3.81E-03	2.05E-05	7.50E-03	0.011329	3.89E-03	2.02E-05	8.34E-03	0.012253	3.70E-03	2.56E-05	1.60E-02	1.97E-02
1942	494511.06	3859351.99	0.25162	0.28354	0.28306	3.75E-03	2.00E-05	7.36E-03	0.011129	3.83E-03	1.97E-05	8.19E-03	0.012038	3.64E-03	2.50E-05	1.57E-02	1.94E-02
1943	494561.06	3859351.99	0.24871	0.28429	0.28011	3.70E-03	2.01E-05	7.29E-03	0.011009	3.78E-03	1.98E-05	8.11E-03	0.011908	3.59E-03	2.51E-05	1.56E-02	1.92E-02
1944	494611.06	3859351.99	0.2444	0.27607	0.27611	3.64E-03	1.95E-05	7.18E-03	0.010841	3.72E-03	1.92E-05	7.99E-03	0.011726	3.53E-03	2.44E-05	1.53E-02	1.89E-02
1945	494661.06	3859351.99	0.23925	0.27464	0.27156	3.56E-03	1.94E-05	7.06E-03	0.010645	3.64E-03	1.91E-05	7.86E-03	0.011516	3.46E-03	2.42E-05	1.51E-02	1.86E-02
1946	494711.06	3859351.99	0.23275	0.27039	0.264	3.46E-03	1.91E-05	6.87E-03	0.010352	3.54E-03	1.88E-05	7.64E-03	0.011198	3.36E-03	2.39E-05	1.47E-02	1.81E-02
1947	494761.06	3859351.99	0.22483	0.26287	0.25193	3.35E-03	1.86E-05	6.55E-03	0.009919	3.42E-03	1.83E-05	7.29E-03	0.010728	3.25E-03	2.32E-05	1.40E-02	1.73E-02
1948	494811.06	3859351.99	0.21525	0.25295	0.23792	3.20E-03	1.79E-05	6.19E-03	0.009412	3.27E-03	1.76E-05	6.88E-03	0.010176	3.11E-03	2.23E-05	1.32E-02	1.64E-02
1949	494861.06	3859351.99	0.21126	0.24735	0.23431	3.14E-03	1.75E-05	6.10E-03	0.009258	3.21E-03	1.72E-05	6.78E-03	0.010011	3.05E-03	2.18E-05	1.30E-02	1.61E-02
1950	494911.06	3859351.99	0.20896	0.24041	0.23191	3.11E-03	1.70E-05	6.03E-03	0.009161	3.18E-03	1.67E-05	6.71E-03	0.009906	3.02E-03	2.12E-05	1.29E-02	1.59E-02
1951	494961.06	3859351.99	0.20521	0.23546	0.22617	3.05E-03	1.66E-05	5.88E-03	0.008955	3.12E-03	1.64E-05	6.54E-03	0.009682	2.97E-03	2.08E-05	1.26E-02	1.56E-02
1952	495011.06	3859351.99	0.20225	0.23005	0.2234	3.01E-03	1.62E-05	5.81E-03	0.008839	3.08E-03	1.60E-05	6.46E-03	0.009557	2.92E-03	2.03E-05	1.24E-02	1.54E-02
1953	495061.06	3859351.99	0.20345	0.23194	0.22931	3.03E-03	1.64E-05	5.97E-03	0.00901	3.09E-03	1.61E-05	6.64E-03	0.009746	2.94E-03	2.05E-05	1.27E-02	1.57E-02
1954	495111.06	3859351.99	0.20065	0.22327	0.22549	2.99E-03	1.58E-05	5.87E-03	0.008869	3.05E-03	1.55E-05	6.53E-03	0.009592	2.90E-03	1.97E-05	1.25E-02	1.54E-02
1955	495161.06	3859351.99	0.19933	0.21847	0.22438	2.97E-03	1.54E-05	5.84E-03	0.00882	3.03E-03	1.52E-05	6.49E-03	0.00954	2.88E-03	1.93E-05	1.25E-02	1.54E-02
1956	495211.06	3859351.99	0.198	0.21589	0.22308	2.95E-03	1.52E-05	5.80E-03	0.008766	3.01E-03	1.50E-05	6.46E-03	0.009482	2.86E-03	1.90E-05	1.24E-02	1.53E-02
1957	495261.06	3859351.99	0.19751	0.21678	0.22289	2.94E-03	1.53E-05	5.80E-03	0.008754	3.00E-03	1.51E-05	6.45E-03	0.009469	2.85E-03	1.91E-05	1.24E-02	1.53E-02
1958	495311.06	3859351.99	0.19582	0.21265	0.21939	2.91E-03	1.50E-05	5.71E-03	0.008637	2.98E-03	1.48E-05	6.35E-03	0.009342	2.83E-03	1.88E-05	1.22E-02	1.50E-02
1959	495361.06	3859351.99	0.1952	0.21281	0.21787	2.91E-03	1.50E-05	5.67E-03	0.008589	2.97E-03	1.48E-05	6.30E-03	0.009288	2.82E-03	1.88E-05	1.21E-02	1.49E-02
1960	495411.06	3859351.99	0.19434	0.21544	0.21794	2.89E-03	1.52E-05	5.67E-03	0.008578	2.96E-03	1.50E-05	6.31E-03	0.009277	2.81E-03	1.90E-05	1.21E-02	1.49E-02
1961	495461.06	3859351.99	0.19432	0.21835	0.2187	2.89E-03	1.54E-05	5.69E-03	0.008598	2.96E-03	1.52E-05	6.33E-03	0.009299	2.81E-03	1.93E-05	1.22E-02	1.50E-02
1962	495511.06	3859351.99	0.1919	0.21526	0.21478	2.86E-03	1.52E-05	5.59E-03	0.008459	2.92E-03	1.50E-05	6.22E-03	0.009149	2.77E-03	1.90E-05	1.19E-02	1.47E-02
1963	495561.06	3859351.99	0.19003	0.21335	0.21176	2.83E-03	1.51E-05	5.51E-03	0.008353	2.89E-03	1.48E-05	6.13E-03	0.009033	2.75E-03	1.88E-05	1.18E-02	1.45E-02
1964	495611.06	3859351.99	0.18889	0.21198	0.20969	2.81E-03	1.50E-05	5.46E-03	0.008282	2.87E-03	1.47E-05	6.07E-03	0.008955	2.73E-03	1.87E-05	1.17E-02	1.44E-02
1965	495661.06	3859351.99	0.18559	0.20794	0.20592	2.76E-03	1.47E-05	5.36E-03	0.008134	2.82E-03	1.45E-05	5.96E-03	0.008796	2.68E-03	1.83E-05	1.14E-02	1.41E-02
1966	494311.06	3859401.99	0.27713	0.30249	0.30736	4.13E-03	2.14E-05	8.00E-03	0.012143	4.21E-03	2.10E-05	8.89E-03	0.01313	4.00E-03	2.67E-05	1.71E-02	2.11E-02
1967	494361.06	3859401.99	0.27151	0.29758	0.30139	4.04E-03	2.10E-05	7.84E-03	0.011903	4.13E-03	2.07E-05	8.72E-03	0.012871	3.92E-03	2.63E-05	1.67E-02	2.07E-02
1968	494411.06	3859401.99	0.26543	0.29686	0.2942	3.95E-03	2.10E-05	7.65E-03	0.011626	4.04E-03	2.06E-05	8.51E-03	0.012571	3.84E-03	2.62E-05	1.63E-02	2.02E-02
1969	494461.06	3859401.99	0.26055	0.29445	0.28945	3.88E-03	2.08E-05	7.53E-03	0.011429	3.96E-03	2.05E-05	8.38E-03	0.012359	3.76E-03	2.60E-05	1.61E-02	1.99E-02
1970	494511.06	3859401.99	0.25717	0.29404	0.28687	3.83E-03	2.08E-05	7.46E-03	0.011312	3.91E-03	2.04E-05	8.30E-03	0.012233	3.72E-03	2.59E-05	1.59E-02	1.97E-02

1971	494561.06	3859401.99	0.25349	0.29074	0.28299	3.77E-03	2.05E-05	7.36E-03	0.011156	3.86E-03	2.02E-05	8.19E-03	0.012064	3.66E-03	2.57E-05	1.57E-02	1.94E-02
1972	494611.06	3859401.99	0.24916	0.28467	0.27822	3.71E-03	2.01E-05	7.24E-03	0.010967	3.79E-03	1.98E-05	8.05E-03	0.01186	3.60E-03	2.51E-05	1.55E-02	1.91E-02
1973	494661.06	3859401.99	0.24672	0.28008	0.27518	3.67E-03	1.98E-05	7.16E-03	0.010851	3.75E-03	1.95E-05	7.96E-03	0.011735	3.57E-03	2.47E-05	1.53E-02	1.89E-02
1974	494711.06	3859401.99	0.24299	0.27844	0.27104	3.62E-03	1.97E-05	7.05E-03	0.010688	3.70E-03	1.94E-05	7.84E-03	0.011558	3.51E-03	2.46E-05	1.51E-02	1.86E-02
1975	494761.06	3859401.99	0.23357	0.26464	0.25869	3.48E-03	1.87E-05	6.73E-03	0.010225	3.55E-03	1.84E-05	7.49E-03	0.011057	3.38E-03	2.34E-05	1.44E-02	1.78E-02
1976	494811.06	3859401.99	0.22822	0.26105	0.25218	3.40E-03	1.84E-05	6.56E-03	0.009976	3.47E-03	1.81E-05	7.30E-03	0.010787	3.30E-03	2.30E-05	1.40E-02	1.73E-02
1977	494861.06	3859401.99	0.22084	0.254	0.242	3.29E-03	1.79E-05	6.30E-03	0.009601	3.36E-03	1.77E-05	7.00E-03	0.010379	3.19E-03	2.24E-05	1.34E-02	1.67E-02
1978	494911.06	3859401.99	0.21589	0.25002	0.23579	3.21E-03	1.77E-05	6.13E-03	0.009365	3.28E-03	1.74E-05	6.82E-03	0.010124	3.12E-03	2.21E-05	1.31E-02	1.62E-02
1979	494961.06	3859401.99	0.21317	0.24909	0.23416	3.17E-03	1.76E-05	6.09E-03	0.009282	3.24E-03	1.73E-05	6.78E-03	0.010035	3.08E-03	2.20E-05	1.30E-02	1.61E-02
1980	495011.06	3859401.99	0.21105	0.24717	0.23423	3.14E-03	1.75E-05	6.09E-03	0.009253	3.21E-03	1.72E-05	6.78E-03	0.010005	3.05E-03	2.18E-05	1.30E-02	1.61E-02
1981	495061.06	3859401.99	0.20929	0.24457	0.23444	3.12E-03	1.73E-05	6.10E-03	0.009232	3.18E-03	1.70E-05	6.78E-03	0.009984	3.02E-03	2.16E-05	1.30E-02	1.61E-02
1982	495111.06	3859401.99	0.20587	0.23959	0.23009	3.06E-03	1.69E-05	5.99E-03	0.009067	3.13E-03	1.67E-05	6.66E-03	0.009806	2.97E-03	2.11E-05	1.28E-02	1.58E-02
1983	495161.06	3859401.99	0.20491	0.23702	0.23098	3.05E-03	1.67E-05	6.01E-03	0.009076	3.12E-03	1.65E-05	6.68E-03	0.009817	2.96E-03	2.09E-05	1.28E-02	1.58E-02
1984	495211.06	3859401.99	0.2046	0.23484	0.23271	3.05E-03	1.66E-05	6.05E-03	0.009116	3.11E-03	1.63E-05	6.73E-03	0.009862	2.96E-03	2.07E-05	1.29E-02	1.59E-02
1985	495261.06	3859401.99	0.20315	0.22863	0.23156	3.02E-03	1.61E-05	6.02E-03	0.009064	3.09E-03	1.59E-05	6.70E-03	0.009806	2.94E-03	2.02E-05	1.29E-02	1.58E-02
1986	495311.06	3859401.99	0.20132	0.22414	0.22946	3.00E-03	1.58E-05	5.97E-03	0.008982	3.06E-03	1.56E-05	6.64E-03	0.009717	2.91E-03	1.98E-05	1.28E-02	1.57E-02
1987	495361.06	3859401.99	0.20166	0.22479	0.23026	3.00E-03	1.59E-05	5.99E-03	0.009008	3.07E-03	1.56E-05	6.66E-03	0.009746	2.91E-03	1.98E-05	1.28E-02	1.57E-02
1988	495411.06	3859401.99	0.2007	0.22452	0.22901	2.99E-03	1.59E-05	5.96E-03	0.008961	3.05E-03	1.56E-05	6.63E-03	0.009695	2.90E-03	1.98E-05	1.27E-02	1.56E-02
1989	495461.06	3859401.99	0.19877	0.21993	0.22566	2.96E-03	1.55E-05	5.87E-03	0.008845	3.02E-03	1.53E-05	6.53E-03	0.009568	2.87E-03	1.94E-05	1.25E-02	1.54E-02
1990	495511.06	3859401.99	0.19611	0.21687	0.22039	2.92E-03	1.53E-05	5.73E-03	0.008668	2.98E-03	1.51E-05	6.38E-03	0.009375	2.83E-03	1.91E-05	1.22E-02	1.51E-02
1991	495561.06	3859401.99	0.19248	0.21454	0.21552	2.87E-03	1.51E-05	5.61E-03	0.008487	2.93E-03	1.49E-05	6.24E-03	0.009179	2.78E-03	1.89E-05	1.20E-02	1.48E-02
1992	495611.06	3859401.99	0.19092	0.21492	0.21361	2.84E-03	1.52E-05	5.56E-03	0.008414	2.90E-03	1.49E-05	6.18E-03	0.0091	2.76E-03	1.90E-05	1.19E-02	1.46E-02
1993	495661.06	3859401.99	0.18978	0.21315	0.21218	2.82E-03	1.51E-05	5.52E-03	0.00836	2.89E-03	1.48E-05	6.14E-03	0.009041	2.74E-03	1.88E-05	1.18E-02	1.46E-02
1994	494311.06	3859451.99	0.27811	0.31702	0.30532	4.14E-03	2.24E-05	7.94E-03	0.012105	4.23E-03	2.20E-05	8.84E-03	0.013087	4.02E-03	2.80E-05	1.70E-02	2.10E-02
1995	494361.06	3859451.99	0.27287	0.3089	0.30036	4.06E-03	2.18E-05	7.81E-03	0.011898	4.15E-03	2.15E-05	8.69E-03	0.012863	3.94E-03	2.73E-05	1.67E-02	2.07E-02
1996	494411.06	3859451.99	0.26584	0.29354	0.29091	3.96E-03	2.07E-05	7.57E-03	0.011546	4.04E-03	2.04E-05	8.42E-03	0.012482	3.84E-03	2.59E-05	1.62E-02	2.00E-02
1997	494461.06	3859451.99	0.26413	0.29336	0.28914	3.93E-03	2.07E-05	7.52E-03	0.011474	4.02E-03	2.04E-05	8.37E-03	0.012404	3.82E-03	2.59E-05	1.61E-02	1.99E-02
1998	494511.06	3859451.99	0.26031	0.2904	0.28472	3.87E-03	2.05E-05	7.41E-03	0.011302	3.96E-03	2.02E-05	8.24E-03	0.012218	3.76E-03	2.56E-05	1.58E-02	1.96E-02
1999	494561.06	3859451.99	0.25723	0.2905	0.28163	3.83E-03	2.05E-05	7.33E-03	0.011176	3.91E-03	2.02E-05	8.15E-03	0.012082	3.72E-03	2.56E-05	1.56E-02	1.94E-02
2000	494611.06	3859451.99	0.25495	0.29243	0.28078	3.79E-03	2.06E-05	7.30E-03	0.01112	3.88E-03	2.03E-05	8.13E-03	0.012023	3.68E-03	2.58E-05	1.56E-02	1.93E-02
2001	494661.06	3859451.99	0.24938	0.29058	0.27554	3.71E-03	2.05E-05	7.17E-03	0.010901	3.79E-03	2.02E-05	7.97E-03	0.011786	3.60E-03	2.56E-05	1.53E-02	1.89E-02
2002	494711.06	3859451.99	0.24471	0.28513	0.27112	3.64E-03	2.01E-05	7.05E-03	0.010716	3.72E-03	1.98E-05	7.85E-03	0.011587	3.54E-03	2.52E-05	1.51E-02	1.86E-02
2003	494761.06	3859451.99	0.24136	0.27771	0.26767	3.59E-03	1.96E-05	6.96E-03	0.010576	3.67E-03	1.93E-05	7.75E-03	0.011436	3.49E-03	2.45E-05	1.49E-02	1.84E-02
2004	494811.06	3859451.99	0.235	0.26962	0.26004	3.50E-03	1.90E-05	6.77E-03	0.010282	3.57E-03	1.87E-05	7.52E-03	0.011118	3.40E-03	2.38E-05	1.44E-02	1.79E-02
2005	494861.06	3859451.99	0.23064	0.26424	0.25337	3.43E-03	1.87E-05	6.59E-03	0.010043	3.51E-03	1.84E-05	7.33E-03	0.010858	3.33E-03	2.33E-05	1.41E-02	1.74E-02
2006	494911.06	3859451.99	0.22709	0.25836	0.24886	3.38E-03	1.82E-05	6.47E-03	0.009873	3.45E-03	1.80E-05	7.20E-03	0.010673	3.28E-03	2.28E-05	1.38E-02	1.71E-02
2007	494961.06	3859451.99	0.22531	0.25817	0.24755	3.35E-03	1.82E-05	6.44E-03	0.009812	3.43E-03	1.79E-05	7.16E-03	0.010608	3.26E-03	2.28E-05	1.38E-02	1.70E-02
2008	495011.06	3859451.99	0.22217	0.2541	0.24515	3.31E-03	1.79E-05	6.38E-03	0.009703	3.38E-03	1.77E-05	7.09E-03	0.010491	3.21E-03	2.24E-05	1.36E-02	1.69E-02
2009	495061.06	3859451.99	0.219	0.25025	0.2426	3.26E-03	1.77E-05	6.31E-03	0.009589	3.33E-03	1.74E-05	7.02E-03	0.010368	3.16E-03	2.21E-05	1.35E-02	1.67E-02
2010	495111.06	3859451.99	0.2157	0.24919	0.24015	3.21E-03	1.76E-05	6.25E-03	0.009476	3.28E-03	1.73E-05	6.95E-03	0.010247	3.12E-03	2.20E-05	1.33E-02	1.65E-02
2011	495161.06	3859451.99	0.21391	0.24851	0.24028	3.18E-03	1.75E-05	6.25E-03	0.009453	3.25E-03	1.73E-05	6.95E-03	0.010224	3.09E-03	2.19E-05	1.34E-02	1.65E-02
2012	495211.06	3859451.99	0.21278	0.25036	0.24057	3.17E-03	1.77E-05	6.26E-03	0.009444	3.24E-03	1.74E-05	6.96E-03	0.010215	3.07E-03	2.21E-05	1.34E-02	1.65E-02
2013	495261.06	3859451.99	0.21149	0.24884	0.24034	3.15E-03	1.76E-05	6.25E-03	0.009418	3.22E-03	1.73E-05	6.95E-03	0.010189	3.06E-03	2.20E-05	1.34E-02	1.64E-02
2014	495311.06	3859451.99	0.20963	0.24367	0.23933	3.12E-03	1.72E-05	6.23E-03	0.009364	3.19E-03	1.69E-05	6.93E-03	0.010131	3.03E-03	2.15E-05	1.33E-02	1.63E-02
2015	495361.06	3859451.99	0.20842	0.23961	0.23917	3.10E-03	1.69E-05	6.22E-03	0.009341	3.17E-03	1.67E-05	6.92E-03	0.010107	3.01E-03	2.11E-05	1.33E-02	1.63E-02
2016	495411.06	3859451.99	0.2063	0.23339	0.23675	3.07E-03	1.65E-05	6.16E-03	0.009246	3.14E-03	1.62E-05	6.85E-03	0.010005	2.98E-03	2.06E-05	1.32E-02	1.62E-02
2017	495461.06	3859451.99	0.20462	0.22949	0.23503	3.05E-03	1.62E-05	6.11E-03	0.009176	3.11E-03	1.60E-05	6.80E-03	0.009929	2.96E-03	2.02E-05	1.31E-02	1.60E-02

2018	495511.06	3859451.99	0.20058	0.22574	0.22931	2.99E-03	1.59E-05	5.97E-03	0.008967	3.05E-03	1.57E-05	6.64E-03	0.009702	2.90E-03	1.99E-05	1.27E-02	1.57E-02
2019	495561.06	3859451.99	0.19851	0.22084	0.22607	2.95E-03	1.56E-05	5.88E-03	0.008852	3.02E-03	1.53E-05	6.54E-03	0.009576	2.87E-03	1.95E-05	1.26E-02	1.54E-02
2020	495611.06	3859451.99	0.19665	0.21916	0.22281	2.93E-03	1.55E-05	5.80E-03	0.008739	2.99E-03	1.52E-05	6.45E-03	0.009454	2.84E-03	1.93E-05	1.24E-02	1.52E-02
2021	495661.06	3859451.99	0.19483	0.21997	0.21971	2.90E-03	1.55E-05	5.72E-03	0.008631	2.96E-03	1.53E-05	6.36E-03	0.009336	2.82E-03	1.94E-05	1.22E-02	1.50E-02
2022	494311.06	3859501.99	0.28125	0.30887	0.30429	4.19E-03	2.18E-05	7.92E-03	0.012125	4.28E-03	2.15E-05	8.81E-03	0.013104	4.06E-03	2.73E-05	1.69E-02	2.10E-02
2023	494361.06	3859501.99	0.27642	0.30631	0.29955	4.11E-03	2.16E-05	7.79E-03	0.011929	4.20E-03	2.13E-05	8.67E-03	0.012893	3.99E-03	2.70E-05	1.66E-02	2.07E-02
2024	494411.06	3859501.99	0.26723	0.3011	0.28959	3.98E-03	2.13E-05	7.53E-03	0.011533	4.06E-03	2.09E-05	8.38E-03	0.012465	3.86E-03	2.66E-05	1.61E-02	2.00E-02
2025	494461.06	3859501.99	0.26767	0.30211	0.29111	3.98E-03	2.13E-05	7.57E-03	0.011579	4.07E-03	2.10E-05	8.42E-03	0.012516	3.87E-03	2.67E-05	1.62E-02	2.01E-02
2026	494511.06	3859501.99	0.26344	0.29649	0.28598	3.92E-03	2.09E-05	7.44E-03	0.011382	4.01E-03	2.06E-05	8.28E-03	0.012303	3.81E-03	2.62E-05	1.59E-02	1.97E-02
2027	494561.06	3859501.99	0.26001	0.29143	0.28196	3.87E-03	2.06E-05	7.34E-03	0.011226	3.95E-03	2.03E-05	8.16E-03	0.012134	3.76E-03	2.57E-05	1.57E-02	1.95E-02
2028	494611.06	3859501.99	0.26111	0.29285	0.28473	3.89E-03	2.07E-05	7.41E-03	0.011315	3.97E-03	2.04E-05	8.24E-03	0.012231	3.77E-03	2.58E-05	1.58E-02	1.96E-02
2029	494661.06	3859501.99	0.25615	0.28837	0.27904	3.81E-03	2.04E-05	7.26E-03	0.011093	3.90E-03	2.00E-05	8.07E-03	0.01199	3.70E-03	2.54E-05	1.55E-02	1.92E-02
2030	494711.06	3859501.99	0.24924	0.28743	0.2716	3.71E-03	2.03E-05	7.07E-03	0.010796	3.79E-03	2.00E-05	7.86E-03	0.01167	3.60E-03	2.54E-05	1.51E-02	1.87E-02
2031	494761.06	3859501.99	0.2476	0.28965	0.27215	3.69E-03	2.05E-05	7.08E-03	0.010786	3.77E-03	2.01E-05	7.88E-03	0.011661	3.58E-03	2.56E-05	1.51E-02	1.87E-02
2032	494811.06	3859501.99	0.2381	0.28139	0.26164	3.54E-03	1.99E-05	6.81E-03	0.010371	3.62E-03	1.96E-05	7.57E-03	0.011212	3.44E-03	2.48E-05	1.45E-02	1.80E-02
2033	494861.06	3859501.99	0.23512	0.27594	0.25918	3.50E-03	1.95E-05	6.74E-03	0.010262	3.58E-03	1.92E-05	7.50E-03	0.011095	3.40E-03	2.43E-05	1.44E-02	1.78E-02
2034	494911.06	3859501.99	0.234	0.27059	0.25861	3.48E-03	1.91E-05	6.73E-03	0.01023	3.56E-03	1.88E-05	7.48E-03	0.011061	3.38E-03	2.39E-05	1.44E-02	1.78E-02
2035	494961.06	3859501.99	0.23058	0.26489	0.25445	3.43E-03	1.87E-05	6.62E-03	0.010071	3.51E-03	1.84E-05	7.36E-03	0.010888	3.33E-03	2.34E-05	1.41E-02	1.75E-02
2036	495011.06	3859501.99	0.22983	0.26207	0.25311	3.42E-03	1.85E-05	6.58E-03	0.010024	3.50E-03	1.82E-05	7.32E-03	0.010838	3.32E-03	2.31E-05	1.41E-02	1.74E-02
2037	495061.06	3859501.99	0.22843	0.26109	0.2517	3.40E-03	1.84E-05	6.55E-03	0.009967	3.47E-03	1.81E-05	7.28E-03	0.010776	3.30E-03	2.30E-05	1.40E-02	1.73E-02
2038	495111.06	3859501.99	0.22441	0.259	0.24734	3.34E-03	1.83E-05	6.43E-03	0.009793	3.41E-03	1.80E-05	7.16E-03	0.010588	3.24E-03	2.29E-05	1.37E-02	1.70E-02
2039	495161.06	3859501.99	0.22242	0.25691	0.24686	3.31E-03	1.81E-05	6.42E-03	0.009751	3.38E-03	1.79E-05	7.14E-03	0.010544	3.21E-03	2.27E-05	1.37E-02	1.70E-02
2040	495211.06	3859501.99	0.22142	0.25455	0.24776	3.30E-03	1.80E-05	6.45E-03	0.009759	3.37E-03	1.77E-05	7.17E-03	0.010555	3.20E-03	2.25E-05	1.38E-02	1.70E-02
2041	495261.06	3859501.99	0.21942	0.25063	0.24688	3.27E-03	1.77E-05	6.42E-03	0.009707	3.34E-03	1.74E-05	7.14E-03	0.010499	3.17E-03	2.21E-05	1.37E-02	1.69E-02
2042	495311.06	3859501.99	0.21766	0.25168	0.24675	3.24E-03	1.78E-05	6.42E-03	0.009677	3.31E-03	1.75E-05	7.14E-03	0.010468	3.15E-03	2.22E-05	1.37E-02	1.69E-02
2043	495361.06	3859501.99	0.21516	0.25274	0.24491	3.20E-03	1.78E-05	6.37E-03	0.009592	3.27E-03	1.76E-05	7.09E-03	0.010377	3.11E-03	2.23E-05	1.36E-02	1.67E-02
2044	495411.06	3859501.99	0.2135	0.24997	0.24331	3.18E-03	1.76E-05	6.33E-03	0.009525	3.25E-03	1.74E-05	7.04E-03	0.010305	3.09E-03	2.21E-05	1.35E-02	1.66E-02
2045	495461.06	3859501.99	0.21125	0.24473	0.24155	3.14E-03	1.73E-05	6.28E-03	0.009446	3.21E-03	1.70E-05	6.99E-03	0.01022	3.05E-03	2.16E-05	1.34E-02	1.65E-02
2046	495511.06	3859501.99	0.20582	0.23555	0.23354	3.06E-03	1.66E-05	6.08E-03	0.009156	3.13E-03	1.64E-05	6.76E-03	0.009905	2.97E-03	2.08E-05	1.30E-02	1.60E-02
2047	495561.06	3859501.99	0.20524	0.23198	0.23402	3.05E-03	1.64E-05	6.09E-03	0.00916	3.12E-03	1.61E-05	6.77E-03	0.009909	2.97E-03	2.05E-05	1.30E-02	1.60E-02
2048	495611.06	3859501.99	0.20249	0.22923	0.23082	3.01E-03	1.62E-05	6.00E-03	0.009035	3.08E-03	1.59E-05	6.68E-03	0.009775	2.93E-03	2.02E-05	1.28E-02	1.58E-02
2049	495661.06	3859501.99	0.1994	0.22574	0.2269	2.97E-03	1.59E-05	5.90E-03	0.008887	3.03E-03	1.57E-05	6.57E-03	0.009614	2.88E-03	1.99E-05	1.26E-02	1.55E-02
2050	494311.06	3859551.99	0.28581	0.3127	0.30859	4.25E-03	2.21E-05	8.03E-03	0.012305	4.35E-03	2.17E-05	8.93E-03	0.013298	4.13E-03	2.76E-05	1.71E-02	2.13E-02
2051	494361.06	3859551.99	0.2802	0.30747	0.30197	4.17E-03	2.17E-05	7.86E-03	0.012048	4.26E-03	2.14E-05	8.74E-03	0.013021	4.05E-03	2.71E-05	1.68E-02	2.09E-02
2052	494411.06	3859551.99	0.2723	0.29866	0.29183	4.05E-03	2.11E-05	7.59E-03	0.011666	4.14E-03	2.08E-05	8.44E-03	0.012607	3.93E-03	2.64E-05	1.62E-02	2.02E-02
2053	494461.06	3859551.99	0.27119	0.30013	0.29306	4.04E-03	2.12E-05	7.62E-03	0.011682	4.12E-03	2.09E-05	8.48E-03	0.012626	3.92E-03	2.65E-05	1.63E-02	2.02E-02
2054	494511.06	3859551.99	0.26661	0.29748	0.28857	3.97E-03	2.10E-05	7.51E-03	0.011497	4.05E-03	2.07E-05	8.35E-03	0.012426	3.85E-03	2.62E-05	1.60E-02	1.99E-02
2055	494561.06	3859551.99	0.2628	0.2929	0.28552	3.91E-03	2.07E-05	7.43E-03	0.01136	4.00E-03	2.04E-05	8.26E-03	0.012279	3.80E-03	2.58E-05	1.59E-02	1.97E-02
2056	494611.06	3859551.99	0.26139	0.29092	0.28408	3.89E-03	2.05E-05	7.39E-03	0.011302	3.98E-03	2.02E-05	8.22E-03	0.012216	3.78E-03	2.57E-05	1.58E-02	1.96E-02
2057	494661.06	3859551.99	0.2598	0.28967	0.28206	3.87E-03	2.05E-05	7.34E-03	0.011226	3.95E-03	2.01E-05	8.16E-03	0.012133	3.75E-03	2.56E-05	1.57E-02	1.95E-02
2058	494711.06	3859551.99	0.24937	0.2819	0.27171	3.71E-03	1.99E-05	7.07E-03	0.010801	3.79E-03	1.96E-05	7.86E-03	0.011675	3.60E-03	2.49E-05	1.51E-02	1.87E-02
2059	494761.06	3859551.99	0.25336	0.28603	0.27505	3.77E-03	2.02E-05	7.16E-03	0.010947	3.85E-03	1.99E-05	7.96E-03	0.011832	3.66E-03	2.52E-05	1.53E-02	1.90E-02
2060	494811.06	3859551.99	0.24645	0.28285	0.26745	3.67E-03	2.00E-05	6.96E-03	0.010646	3.75E-03	1.97E-05	7.74E-03	0.011507	3.56E-03	2.50E-05	1.49E-02	1.84E-02
2061	494861.06	3859551.99	0.24303	0.28532	0.26458	3.62E-03	2.01E-05	6.88E-03	0.010521	3.70E-03	1.98E-05	7.66E-03	0.011372	3.51E-03	2.52E-05	1.47E-02	1.82E-02
2062	494911.06	3859551.99	0.23849	0.28199	0.26074	3.55E-03	1.99E-05	6.78E-03	0.010353	3.63E-03	1.96E-05	7.55E-03	0.011192	3.45E-03	2.49E-05	1.45E-02	1.80E-02
2063	494961.06	3859551.99	0.2371	0.27959	0.26001	3.53E-03	1.97E-05	6.76E-03	0.010313	3.61E-03	1.94E-05	7.52E-03	0.011149	3.43E-03	2.47E-05	1.44E-02	1.79E-02
2064	495011.06	3859551.99	0.23656	0.27754	0.26038	3.52E-03	1.96E-05	6.77E-03	0.010315	3.60E-03	1.93E-05	7.53E-03	0.011152	3.42E-03	2.45E-05	1.45E-02	1.79E-02

2065	495061.06	3859551.99	0.23447	0.27001	0.25852	3.49E-03	1.91E-05	6.73E-03	0.010235	3.57E-03	1.88E-05	7.48E-03	0.011066	3.39E-03	2.38E-05	1.44E-02	1.78E-02
2066	495111.06	3859551.99	0.23133	0.26749	0.25555	3.44E-03	1.89E-05	6.65E-03	0.010111	3.52E-03	1.86E-05	7.39E-03	0.010932	3.34E-03	2.36E-05	1.42E-02	1.76E-02
2067	495161.06	3859551.99	0.23131	0.26338	0.25487	3.44E-03	1.86E-05	6.63E-03	0.010092	3.52E-03	1.83E-05	7.38E-03	0.010912	3.34E-03	2.32E-05	1.42E-02	1.75E-02
2068	495211.06	3859551.99	0.23078	0.26409	0.25478	3.44E-03	1.86E-05	6.63E-03	0.010082	3.51E-03	1.84E-05	7.37E-03	0.010901	3.33E-03	2.33E-05	1.42E-02	1.75E-02
2069	495261.06	3859551.99	0.22755	0.26459	0.25225	3.39E-03	1.87E-05	6.56E-03	0.009968	3.46E-03	1.84E-05	7.30E-03	0.010779	3.29E-03	2.33E-05	1.40E-02	1.73E-02
2070	495311.06	3859551.99	0.22506	0.26093	0.25156	3.35E-03	1.84E-05	6.54E-03	0.009913	3.42E-03	1.81E-05	7.28E-03	0.01072	3.25E-03	2.30E-05	1.40E-02	1.73E-02
2071	495361.06	3859551.99	0.22306	0.25788	0.25062	3.32E-03	1.82E-05	6.52E-03	0.009859	3.39E-03	1.79E-05	7.25E-03	0.010663	3.22E-03	2.28E-05	1.39E-02	1.72E-02
2072	495411.06	3859551.99	0.22116	0.25423	0.25007	3.29E-03	1.80E-05	6.51E-03	0.009816	3.36E-03	1.77E-05	7.24E-03	0.010618	3.20E-03	2.24E-05	1.39E-02	1.71E-02
2073	495461.06	3859551.99	0.21681	0.24921	0.24614	3.23E-03	1.76E-05	6.40E-03	0.009648	3.30E-03	1.73E-05	7.12E-03	0.010437	3.13E-03	2.20E-05	1.37E-02	1.68E-02
2074	495511.06	3859551.99	0.21304	0.24758	0.24126	3.17E-03	1.75E-05	6.28E-03	0.009465	3.24E-03	1.72E-05	6.98E-03	0.010239	3.08E-03	2.18E-05	1.34E-02	1.65E-02
2075	495561.06	3859551.99	0.21079	0.24582	0.23862	3.14E-03	1.74E-05	6.21E-03	0.009363	3.21E-03	1.71E-05	6.91E-03	0.010128	3.05E-03	2.17E-05	1.33E-02	1.63E-02
2076	495611.06	3859551.99	0.20838	0.24054	0.23654	3.10E-03	1.70E-05	6.15E-03	0.009272	3.17E-03	1.67E-05	6.84E-03	0.010031	3.01E-03	2.12E-05	1.31E-02	1.62E-02
2077	495661.06	3859551.99	0.20556	0.23505	0.23298	3.06E-03	1.66E-05	6.06E-03	0.009137	3.13E-03	1.63E-05	6.74E-03	0.009884	2.97E-03	2.07E-05	1.29E-02	1.59E-02
2078	494311.06	3859601.99	0.2893	0.30762	0.31238	4.31E-03	2.17E-05	8.13E-03	0.012455	4.40E-03	2.14E-05	9.04E-03	0.013461	4.18E-03	2.71E-05	1.74E-02	2.16E-02
2079	494361.06	3859601.99	0.2819	0.30459	0.303	4.20E-03	2.15E-05	7.88E-03	0.0121	4.29E-03	2.12E-05	8.77E-03	0.013077	4.07E-03	2.69E-05	1.68E-02	2.09E-02
2080	494411.06	3859601.99	0.2769	0.30098	0.29699	4.12E-03	2.13E-05	7.73E-03	0.011869	4.21E-03	2.09E-05	8.59E-03	0.012826	4.00E-03	2.66E-05	1.65E-02	2.05E-02
2081	494461.06	3859601.99	0.2766	0.30216	0.29904	4.12E-03	2.13E-05	7.78E-03	0.011918	4.21E-03	2.10E-05	8.65E-03	0.012881	4.00E-03	2.67E-05	1.66E-02	2.06E-02
2082	494511.06	3859601.99	0.27068	0.29686	0.29229	4.03E-03	2.10E-05	7.60E-03	0.011654	4.12E-03	2.06E-05	8.46E-03	0.012595	3.91E-03	2.62E-05	1.62E-02	2.02E-02
2083	494561.06	3859601.99	0.26925	0.2972	0.29133	4.01E-03	2.10E-05	7.58E-03	0.011608	4.09E-03	2.07E-05	8.43E-03	0.012546	3.89E-03	2.62E-05	1.62E-02	2.01E-02
2084	494611.06	3859601.99	0.26639	0.29714	0.28924	3.97E-03	2.10E-05	7.52E-03	0.011511	4.05E-03	2.07E-05	8.37E-03	0.012442	3.85E-03	2.62E-05	1.61E-02	1.99E-02
2085	494661.06	3859601.99	0.25992	0.29252	0.28194	3.87E-03	2.07E-05	7.33E-03	0.011224	3.95E-03	2.03E-05	8.16E-03	0.012132	3.76E-03	2.58E-05	1.57E-02	1.94E-02
2086	494711.06	3859601.99	0.25294	0.2825	0.27577	3.76E-03	1.99E-05	7.17E-03	0.010959	3.85E-03	1.96E-05	7.98E-03	0.011847	3.66E-03	2.49E-05	1.53E-02	1.90E-02
2087	494761.06	3859601.99	0.25634	0.2827	0.27988	3.82E-03	2.00E-05	7.28E-03	0.011117	3.90E-03	1.96E-05	8.10E-03	0.012017	3.70E-03	2.49E-05	1.56E-02	1.93E-02
2088	494811.06	3859601.99	0.24952	0.27964	0.27249	3.71E-03	1.97E-05	7.09E-03	0.010823	3.79E-03	1.94E-05	7.89E-03	0.011699	3.61E-03	2.47E-05	1.51E-02	1.88E-02
2089	494861.06	3859601.99	0.24854	0.28005	0.27092	3.70E-03	1.98E-05	7.05E-03	0.010767	3.78E-03	1.95E-05	7.84E-03	0.011639	3.59E-03	2.47E-05	1.51E-02	1.87E-02
2090	494911.06	3859601.99	0.24399	0.28049	0.26603	3.63E-03	1.98E-05	6.92E-03	0.010573	3.71E-03	1.95E-05	7.70E-03	0.011428	3.53E-03	2.47E-05	1.48E-02	1.83E-02
2091	494961.06	3859601.99	0.2466	0.28595	0.26838	3.67E-03	2.02E-05	6.98E-03	0.010673	3.75E-03	1.99E-05	7.77E-03	0.011537	3.56E-03	2.52E-05	1.49E-02	1.85E-02
2092	495011.06	3859601.99	0.24031	0.28249	0.26253	3.58E-03	1.99E-05	6.83E-03	0.010427	3.65E-03	1.96E-05	7.60E-03	0.011271	3.47E-03	2.49E-05	1.46E-02	1.81E-02
2093	495061.06	3859601.99	0.24021	0.28257	0.26241	3.58E-03	2.00E-05	6.83E-03	0.010422	3.65E-03	1.96E-05	7.59E-03	0.011266	3.47E-03	2.49E-05	1.46E-02	1.81E-02
2094	495111.06	3859601.99	0.23664	0.27869	0.25884	3.52E-03	1.97E-05	6.73E-03	0.010276	3.60E-03	1.94E-05	7.49E-03	0.011109	3.42E-03	2.46E-05	1.44E-02	1.78E-02
2095	495161.06	3859601.99	0.23643	0.2738	0.25893	3.52E-03	1.93E-05	6.74E-03	0.010275	3.60E-03	1.90E-05	7.49E-03	0.011108	3.42E-03	2.42E-05	1.44E-02	1.78E-02
2096	495211.06	3859601.99	0.23516	0.27094	0.25812	3.50E-03	1.91E-05	6.72E-03	0.010235	3.58E-03	1.88E-05	7.47E-03	0.011065	3.40E-03	2.39E-05	1.43E-02	1.78E-02
2097	495261.06	3859601.99	0.23446	0.26916	0.25771	3.49E-03	1.90E-05	6.70E-03	0.010213	3.57E-03	1.87E-05	7.46E-03	0.011042	3.39E-03	2.37E-05	1.43E-02	1.77E-02
2098	495311.06	3859601.99	0.23392	0.26649	0.25681	3.48E-03	1.88E-05	6.68E-03	0.010182	3.56E-03	1.85E-05	7.43E-03	0.011008	3.38E-03	2.35E-05	1.43E-02	1.77E-02
2099	495361.06	3859601.99	0.23133	0.26594	0.25431	3.44E-03	1.88E-05	6.62E-03	0.010078	3.52E-03	1.85E-05	7.36E-03	0.010896	3.34E-03	2.35E-05	1.41E-02	1.75E-02
2100	495411.06	3859601.99	0.22966	0.26681	0.25394	3.42E-03	1.88E-05	6.61E-03	0.010044	3.49E-03	1.85E-05	7.35E-03	0.01086	3.32E-03	2.35E-05	1.41E-02	1.75E-02
2101	495461.06	3859601.99	0.22433	0.26142	0.2496	3.34E-03	1.85E-05	6.49E-03	0.009851	3.41E-03	1.82E-05	7.22E-03	0.010653	3.24E-03	2.31E-05	1.39E-02	1.71E-02
2102	495511.06	3859601.99	0.21944	0.25488	0.24567	3.27E-03	1.80E-05	6.39E-03	0.009676	3.34E-03	1.77E-05	7.11E-03	0.010464	3.17E-03	2.25E-05	1.37E-02	1.68E-02
2103	495561.06	3859601.99	0.21827	0.25215	0.24603	3.25E-03	1.78E-05	6.40E-03	0.009667	3.32E-03	1.75E-05	7.12E-03	0.010457	3.15E-03	2.22E-05	1.37E-02	1.68E-02
2104	495611.06	3859601.99	0.21336	0.24575	0.24105	3.18E-03	1.74E-05	6.27E-03	0.009464	3.24E-03	1.71E-05	6.98E-03	0.010237	3.08E-03	2.17E-05	1.34E-02	1.65E-02
2105	495661.06	3859601.99	0.21186	0.24588	0.23966	3.15E-03	1.74E-05	6.23E-03	0.009406	3.22E-03	1.71E-05	6.94E-03	0.010174	3.06E-03	2.17E-05	1.33E-02	1.64E-02
2106	494311.06	3859651.99	0.2903	0.2944	0.31281	4.32E-03	2.08E-05	8.14E-03	0.01248	4.42E-03	2.05E-05	9.05E-03	0.013487	4.19E-03	2.60E-05	1.74E-02	2.16E-02
2107	494361.06	3859651.99	0.28357	0.29352	0.30559	4.22E-03	2.07E-05	7.95E-03	0.012192	4.31E-03	2.04E-05	8.84E-03	0.013176	4.10E-03	2.59E-05	1.70E-02	2.11E-02
2108	494411.06	3859651.99	0.28095	0.29699	0.30288	4.18E-03	2.10E-05	7.88E-03	0.012083	4.27E-03	2.06E-05	8.76E-03	0.013058	4.06E-03	2.62E-05	1.68E-02	2.09E-02
2109	494461.06	3859651.99	0.28035	0.30158	0.30256	4.17E-03	2.13E-05	7.87E-03	0.012066	4.26E-03	2.10E-05	8.76E-03	0.01304	4.05E-03	2.66E-05	1.68E-02	2.09E-02
2110	494511.06	3859651.99	0.27686	0.30147	0.29873	4.12E-03	2.13E-05	7.77E-03	0.011914	4.21E-03	2.10E-05	8.64E-03	0.012876	4.00E-03	2.66E-05	1.66E-02	2.06E-02
2111	494561.06	3859651.99	0.27449	0.29982	0.29623	4.09E-03	2.12E-05	7.71E-03	0.011814	4.17E-03	2.08E-05	8.57E-03	0.012768	3.97E-03	2.65E-05	1.65E-02	2.05E-02

2112	494611.06	3859651.99	0.27215	0.29709	0.29498	4.05E-03	2.10E-05	7.67E-03	0.011746	4.14E-03	2.06E-05	8.54E-03	0.012696	3.93E-03	2.62E-05	1.64E-02	2.03E-02
2113	494661.06	3859651.99	0.26477	0.29088	0.28687	3.94E-03	2.05E-05	7.46E-03	0.011425	4.03E-03	2.02E-05	8.30E-03	0.012348	3.83E-03	2.57E-05	1.59E-02	1.98E-02
2114	494711.06	3859651.99	0.26226	0.28903	0.28409	3.90E-03	2.04E-05	7.39E-03	0.011315	3.99E-03	2.01E-05	8.22E-03	0.01223	3.79E-03	2.55E-05	1.58E-02	1.96E-02
2115	494761.06	3859651.99	0.25979	0.28944	0.28279	3.87E-03	2.04E-05	7.36E-03	0.011244	3.95E-03	2.01E-05	8.18E-03	0.012154	3.75E-03	2.55E-05	1.57E-02	1.95E-02
2116	494811.06	3859651.99	0.25511	0.28725	0.27751	3.80E-03	2.03E-05	7.22E-03	0.011037	3.88E-03	2.00E-05	8.03E-03	0.01193	3.69E-03	2.53E-05	1.54E-02	1.91E-02
2117	494861.06	3859651.99	0.25244	0.28211	0.27534	3.76E-03	1.99E-05	7.16E-03	0.010941	3.84E-03	1.96E-05	7.97E-03	0.011827	3.65E-03	2.49E-05	1.53E-02	1.90E-02
2118	494911.06	3859651.99	0.24915	0.27736	0.27255	3.71E-03	1.96E-05	7.09E-03	0.010819	3.79E-03	1.93E-05	7.89E-03	0.011695	3.60E-03	2.45E-05	1.51E-02	1.88E-02
2119	494961.06	3859651.99	0.24781	0.27598	0.27081	3.69E-03	1.95E-05	7.05E-03	0.010753	3.77E-03	1.92E-05	7.84E-03	0.011625	3.58E-03	2.44E-05	1.50E-02	1.87E-02
2120	495011.06	3859651.99	0.24622	0.27865	0.26869	3.66E-03	1.97E-05	6.99E-03	0.010675	3.74E-03	1.94E-05	7.78E-03	0.011539	3.56E-03	2.46E-05	1.49E-02	1.85E-02
2121	495061.06	3859651.99	0.24648	0.28243	0.26831	3.67E-03	1.99E-05	6.98E-03	0.010669	3.75E-03	1.96E-05	7.76E-03	0.011532	3.56E-03	2.49E-05	1.49E-02	1.85E-02
2122	495111.06	3859651.99	0.24392	0.28328	0.2658	3.63E-03	2.00E-05	6.92E-03	0.010566	3.71E-03	1.97E-05	7.69E-03	0.011421	3.52E-03	2.50E-05	1.48E-02	1.83E-02
2123	495161.06	3859651.99	0.2418	0.28321	0.26449	3.60E-03	2.00E-05	6.88E-03	0.0105	3.68E-03	1.97E-05	7.65E-03	0.011351	3.49E-03	2.50E-05	1.47E-02	1.82E-02
2124	495211.06	3859651.99	0.24086	0.2817	0.2628	3.59E-03	1.99E-05	6.84E-03	0.010442	3.66E-03	1.96E-05	7.60E-03	0.011287	3.48E-03	2.49E-05	1.46E-02	1.81E-02
2125	495261.06	3859651.99	0.23903	0.27838	0.26084	3.56E-03	1.97E-05	6.79E-03	0.010364	3.64E-03	1.93E-05	7.55E-03	0.011203	3.45E-03	2.46E-05	1.45E-02	1.80E-02
2126	495311.06	3859651.99	0.2379	0.27419	0.25962	3.54E-03	1.94E-05	6.75E-03	0.010315	3.62E-03	1.91E-05	7.51E-03	0.01115	3.44E-03	2.42E-05	1.44E-02	1.79E-02
2127	495361.06	3859651.99	0.23685	0.2719	0.2593	3.53E-03	1.92E-05	6.75E-03	0.010291	3.60E-03	1.89E-05	7.50E-03	0.011125	3.42E-03	2.40E-05	1.44E-02	1.79E-02
2128	495411.06	3859651.99	0.23544	0.26761	0.25758	3.50E-03	1.89E-05	6.70E-03	0.010225	3.58E-03	1.86E-05	7.45E-03	0.011053	3.40E-03	2.36E-05	1.43E-02	1.77E-02
2129	495461.06	3859651.99	0.23116	0.26391	0.25251	3.44E-03	1.86E-05	6.57E-03	0.010029	3.52E-03	1.83E-05	7.31E-03	0.010841	3.34E-03	2.33E-05	1.40E-02	1.74E-02
2130	495511.06	3859651.99	0.22697	0.26266	0.24822	3.38E-03	1.85E-05	6.46E-03	0.009855	3.45E-03	1.83E-05	7.18E-03	0.010653	3.28E-03	2.32E-05	1.38E-02	1.71E-02
2131	495561.06	3859651.99	0.22504	0.26285	0.24676	3.35E-03	1.86E-05	6.42E-03	0.009788	3.42E-03	1.83E-05	7.14E-03	0.010581	3.25E-03	2.32E-05	1.37E-02	1.70E-02
2132	495611.06	3859651.99	0.22174	0.25885	0.24492	3.30E-03	1.83E-05	6.37E-03	0.009691	3.37E-03	1.80E-05	7.09E-03	0.010478	3.20E-03	2.28E-05	1.36E-02	1.68E-02
2133	495661.06	3859651.99	0.21813	0.2545	0.24278	3.25E-03	1.80E-05	6.32E-03	0.009581	3.32E-03	1.77E-05	7.03E-03	0.010361	3.15E-03	2.25E-05	1.35E-02	1.67E-02
2134	494311.06	3859701.99	0.28611	0.28421	0.30986	4.26E-03	2.01E-05	8.06E-03	0.01234	4.35E-03	1.98E-05	8.97E-03	0.013338	4.13E-03	2.51E-05	1.72E-02	2.14E-02
2135	494361.06	3859701.99	0.28318	0.28449	0.30589	4.22E-03	2.01E-05	7.96E-03	0.012193	4.31E-03	1.98E-05	8.85E-03	0.013178	4.09E-03	2.51E-05	1.70E-02	2.11E-02
2136	494411.06	3859701.99	0.28203	0.28616	0.30396	4.20E-03	2.02E-05	7.91E-03	0.012126	4.29E-03	1.99E-05	8.80E-03	0.013105	4.08E-03	2.52E-05	1.69E-02	2.10E-02
2137	494461.06	3859701.99	0.28356	0.29177	0.30589	4.22E-03	2.06E-05	7.96E-03	0.012199	4.31E-03	2.03E-05	8.85E-03	0.013185	4.10E-03	2.57E-05	1.70E-02	2.11E-02
2138	494511.06	3859701.99	0.28093	0.29192	0.30347	4.18E-03	2.06E-05	7.90E-03	0.012097	4.27E-03	2.03E-05	8.78E-03	0.013075	4.06E-03	2.58E-05	1.69E-02	2.09E-02
2139	494561.06	3859701.99	0.2784	0.29515	0.30133	4.14E-03	2.08E-05	7.84E-03	0.012004	4.23E-03	2.05E-05	8.72E-03	0.012974	4.02E-03	2.60E-05	1.67E-02	2.08E-02
2140	494611.06	3859701.99	0.27577	0.29818	0.29962	4.10E-03	2.11E-05	7.79E-03	0.011921	4.19E-03	2.07E-05	8.67E-03	0.012885	3.98E-03	2.63E-05	1.66E-02	2.07E-02
2141	494661.06	3859701.99	0.26922	0.295	0.29037	4.01E-03	2.08E-05	7.55E-03	0.011582	4.09E-03	2.05E-05	8.40E-03	0.012518	3.89E-03	2.60E-05	1.61E-02	2.01E-02
2142	494711.06	3859701.99	0.26811	0.29335	0.28968	3.99E-03	2.07E-05	7.54E-03	0.011548	4.08E-03	2.04E-05	8.38E-03	0.012481	3.87E-03	2.59E-05	1.61E-02	2.00E-02
2143	494761.06	3859701.99	0.2647	0.2905	0.28637	3.94E-03	2.05E-05	7.45E-03	0.011411	4.03E-03	2.02E-05	8.29E-03	0.012333	3.82E-03	2.56E-05	1.59E-02	1.98E-02
2144	494811.06	3859701.99	0.26057	0.28322	0.28283	3.88E-03	2.00E-05	7.36E-03	0.011257	3.96E-03	1.97E-05	8.18E-03	0.012167	3.77E-03	2.50E-05	1.57E-02	1.95E-02
2145	494861.06	3859701.99	0.25897	0.28508	0.28218	3.85E-03	2.01E-05	7.34E-03	0.011216	3.94E-03	1.98E-05	8.17E-03	0.012124	3.74E-03	2.52E-05	1.57E-02	1.94E-02
2146	494911.06	3859701.99	0.25543	0.28343	0.27851	3.80E-03	2.00E-05	7.25E-03	0.011068	3.88E-03	1.97E-05	8.06E-03	0.011964	3.69E-03	2.50E-05	1.55E-02	1.92E-02
2147	494961.06	3859701.99	0.2515	0.28315	0.27482	3.74E-03	2.00E-05	7.15E-03	0.010913	3.82E-03	1.97E-05	7.95E-03	0.011797	3.63E-03	2.50E-05	1.53E-02	1.89E-02
2148	495011.06	3859701.99	0.24956	0.27823	0.27318	3.71E-03	1.96E-05	7.11E-03	0.010841	3.80E-03	1.93E-05	7.91E-03	0.01172	3.61E-03	2.45E-05	1.52E-02	1.88E-02
2149	495061.06	3859701.99	0.24787	0.27705	0.27127	3.69E-03	1.96E-05	7.06E-03	0.010766	3.77E-03	1.93E-05	7.85E-03	0.011639	3.58E-03	2.44E-05	1.51E-02	1.87E-02
2150	495111.06	3859701.99	0.24662	0.27592	0.26934	3.67E-03	1.95E-05	7.01E-03	0.010697	3.75E-03	1.92E-05	7.79E-03	0.011564	3.56E-03	2.43E-05	1.50E-02	1.86E-02
2151	495161.06	3859701.99	0.24493	0.27962	0.267	3.65E-03	1.97E-05	6.95E-03	0.010612	3.73E-03	1.94E-05	7.73E-03	0.011471	3.54E-03	2.47E-05	1.48E-02	1.84E-02
2152	495211.06	3859701.99	0.24297	0.27887	0.26496	3.62E-03	1.97E-05	6.89E-03	0.010529	3.70E-03	1.94E-05	7.67E-03	0.011382	3.51E-03	2.46E-05	1.47E-02	1.83E-02
2153	495261.06	3859701.99	0.2438	0.28052	0.26575	3.63E-03	1.98E-05	6.91E-03	0.010562	3.71E-03	1.95E-05	7.69E-03	0.011417	3.52E-03	2.48E-05	1.48E-02	1.83E-02
2154	495311.06	3859701.99	0.24194	0.28138	0.26389	3.60E-03	1.99E-05	6.87E-03	0.010486	3.68E-03	1.96E-05	7.64E-03	0.011335	3.50E-03	2.48E-05	1.47E-02	1.82E-02
2155	495361.06	3859701.99	0.24022	0.27871	0.26108	3.58E-03	1.97E-05	6.79E-03	0.010388	3.65E-03	1.94E-05	7.55E-03	0.011228	3.47E-03	2.46E-05	1.45E-02	1.80E-02
2156	495411.06	3859701.99	0.23719	0.27554	0.25823	3.53E-03	1.95E-05	6.72E-03	0.010268	3.61E-03	1.92E-05	7.47E-03	0.011099	3.43E-03	2.43E-05	1.43E-02	1.78E-02
2157	495461.06	3859701.99	0.23499	0.271	0.25612	3.50E-03	1.91E-05	6.66E-03	0.01018	3.57E-03	1.88E-05	7.41E-03	0.011004	3.40E-03	2.39E-05	1.42E-02	1.77E-02
2158	495511.06	3859701.99	0.23007	0.26384	0.25122	3.42E-03	1.86E-05	6.54E-03	0.009979	3.50E-03	1.83E-05	7.27E-03	0.010787	3.32E-03	2.33E-05	1.40E-02	1.73E-02

2159	495561.06	3859701.99	0.23098	0.26256	0.25122	3.44E-03	1.85E-05	6.54E-03	0.009992	3.51E-03	1.82E-05	7.27E-03	0.010801	3.34E-03	2.32E-05	1.40E-02	1.73E-02
2160	495611.06	3859701.99	0.22895	0.2614	0.24844	3.41E-03	1.85E-05	6.46E-03	0.00989	3.48E-03	1.82E-05	7.19E-03	0.010689	3.31E-03	2.31E-05	1.38E-02	1.71E-02
2161	495661.06	3859701.99	0.2258	0.26166	0.24549	3.36E-03	1.85E-05	6.39E-03	0.009766	3.43E-03	1.82E-05	7.10E-03	0.010556	3.26E-03	2.31E-05	1.36E-02	1.69E-02
2162	494311.06	3859751.99	0.28895	0.2879	0.31437	4.30E-03	2.03E-05	8.18E-03	0.0125	4.39E-03	2.00E-05	9.10E-03	0.013512	4.18E-03	2.54E-05	1.75E-02	2.17E-02
2163	494361.06	3859751.99	0.28641	0.29094	0.31132	4.26E-03	2.05E-05	8.10E-03	0.012383	4.36E-03	2.02E-05	9.01E-03	0.013385	4.14E-03	2.57E-05	1.73E-02	2.15E-02
2164	494411.06	3859751.99	0.28373	0.2832	0.30761	4.22E-03	2.00E-05	8.00E-03	0.012246	4.32E-03	1.97E-05	8.90E-03	0.013236	4.10E-03	2.50E-05	1.71E-02	2.12E-02
2165	494461.06	3859751.99	0.28417	0.28302	0.30736	4.23E-03	2.00E-05	8.00E-03	0.012246	4.32E-03	1.97E-05	8.89E-03	0.013236	4.11E-03	2.50E-05	1.71E-02	2.12E-02
2166	494511.06	3859751.99	0.28334	0.285	0.30658	4.22E-03	2.01E-05	7.98E-03	0.012214	4.31E-03	1.98E-05	8.87E-03	0.013201	4.09E-03	2.51E-05	1.70E-02	2.12E-02
2167	494561.06	3859751.99	0.2816	0.28813	0.30458	4.19E-03	2.03E-05	7.92E-03	0.012136	4.28E-03	2.00E-05	8.81E-03	0.013117	4.07E-03	2.54E-05	1.69E-02	2.10E-02
2168	494611.06	3859751.99	0.2784	0.28945	0.30144	4.14E-03	2.04E-05	7.84E-03	0.012007	4.23E-03	2.01E-05	8.72E-03	0.012977	4.02E-03	2.55E-05	1.67E-02	2.08E-02
2169	494661.06	3859751.99	0.27351	0.28808	0.29567	4.07E-03	2.03E-05	7.69E-03	0.011784	4.16E-03	2.00E-05	8.56E-03	0.012736	3.95E-03	2.54E-05	1.64E-02	2.04E-02
2170	494711.06	3859751.99	0.27219	0.2914	0.29558	4.05E-03	2.06E-05	7.69E-03	0.011762	4.14E-03	2.03E-05	8.55E-03	0.012713	3.93E-03	2.57E-05	1.64E-02	2.04E-02
2171	494761.06	3859751.99	0.26977	0.29283	0.29359	4.02E-03	2.07E-05	7.64E-03	0.011674	4.10E-03	2.04E-05	8.50E-03	0.012619	3.90E-03	2.58E-05	1.63E-02	2.02E-02
2172	494811.06	3859751.99	0.26674	0.28977	0.28998	3.97E-03	2.05E-05	7.54E-03	0.011535	4.06E-03	2.01E-05	8.39E-03	0.012468	3.85E-03	2.56E-05	1.61E-02	2.00E-02
2173	494861.06	3859751.99	0.26453	0.2877	0.28803	3.94E-03	2.03E-05	7.49E-03	0.011451	4.02E-03	2.00E-05	8.33E-03	0.012378	3.82E-03	2.54E-05	1.60E-02	1.99E-02
2174	494911.06	3859751.99	0.26222	0.28631	0.28538	3.90E-03	2.02E-05	7.42E-03	0.011348	3.99E-03	1.99E-05	8.26E-03	0.012266	3.79E-03	2.53E-05	1.59E-02	1.97E-02
2175	494961.06	3859751.99	0.25972	0.28061	0.28244	3.87E-03	1.98E-05	7.35E-03	0.011234	3.95E-03	1.95E-05	8.17E-03	0.012143	3.75E-03	2.48E-05	1.57E-02	1.95E-02
2176	495011.06	3859751.99	0.25568	0.27958	0.27986	3.81E-03	1.97E-05	7.28E-03	0.011106	3.89E-03	1.94E-05	8.10E-03	0.012006	3.69E-03	2.47E-05	1.56E-02	1.93E-02
2177	495061.06	3859751.99	0.25254	0.28144	0.27684	3.76E-03	1.99E-05	7.20E-03	0.010981	3.84E-03	1.96E-05	8.01E-03	0.011871	3.65E-03	2.48E-05	1.54E-02	1.91E-02
2178	495111.06	3859751.99	0.25018	0.27783	0.27402	3.72E-03	1.96E-05	7.13E-03	0.010872	3.80E-03	1.93E-05	7.93E-03	0.011754	3.62E-03	2.45E-05	1.52E-02	1.89E-02
2179	495161.06	3859751.99	0.24817	0.27649	0.27125	3.69E-03	1.95E-05	7.06E-03	0.01077	3.77E-03	1.92E-05	7.85E-03	0.011643	3.59E-03	2.44E-05	1.51E-02	1.87E-02
2180	495211.06	3859751.99	0.24597	0.27496	0.2688	3.66E-03	1.94E-05	6.99E-03	0.010674	3.74E-03	1.91E-05	7.78E-03	0.011538	3.55E-03	2.43E-05	1.49E-02	1.85E-02
2181	495261.06	3859751.99	0.24543	0.27642	0.26765	3.65E-03	1.95E-05	6.96E-03	0.010636	3.73E-03	1.92E-05	7.75E-03	0.011497	3.55E-03	2.44E-05	1.49E-02	1.84E-02
2182	495311.06	3859751.99	0.24413	0.27571	0.2656	3.63E-03	1.95E-05	6.91E-03	0.010563	3.71E-03	1.92E-05	7.69E-03	0.011418	3.53E-03	2.43E-05	1.48E-02	1.83E-02
2183	495361.06	3859751.99	0.24299	0.27527	0.26393	3.62E-03	1.94E-05	6.87E-03	0.010503	3.70E-03	1.91E-05	7.64E-03	0.011352	3.51E-03	2.43E-05	1.47E-02	1.82E-02
2184	495411.06	3859751.99	0.24205	0.27508	0.26274	3.60E-03	1.94E-05	6.84E-03	0.010458	3.68E-03	1.91E-05	7.60E-03	0.011303	3.50E-03	2.43E-05	1.46E-02	1.81E-02
2185	495461.06	3859751.99	0.23946	0.27514	0.25985	3.56E-03	1.94E-05	6.76E-03	0.010344	3.64E-03	1.91E-05	7.52E-03	0.01118	3.46E-03	2.43E-05	1.44E-02	1.79E-02
2186	495511.06	3859751.99	0.23647	0.2757	0.25631	3.52E-03	1.95E-05	6.67E-03	0.010207	3.60E-03	1.92E-05	7.42E-03	0.011033	3.42E-03	2.43E-05	1.42E-02	1.77E-02
2187	495561.06	3859751.99	0.23462	0.27202	0.25475	3.49E-03	1.92E-05	6.63E-03	0.010139	3.57E-03	1.89E-05	7.37E-03	0.010959	3.39E-03	2.40E-05	1.42E-02	1.76E-02
2188	495611.06	3859751.99	0.23278	0.26683	0.25333	3.46E-03	1.88E-05	6.59E-03	0.010074	3.54E-03	1.85E-05	7.33E-03	0.01089	3.36E-03	2.35E-05	1.41E-02	1.75E-02
2189	495661.06	3859751.99	0.23162	0.26473	0.25251	3.45E-03	1.87E-05	6.57E-03	0.010036	3.52E-03	1.84E-05	7.31E-03	0.010848	3.35E-03	2.34E-05	1.40E-02	1.74E-02
2190	494311.06	3859801.99	0.29061	0.28701	0.32124	4.33E-03	2.03E-05	8.36E-03	0.012703	4.42E-03	1.99E-05	9.30E-03	0.013736	4.20E-03	2.53E-05	1.79E-02	2.21E-02
2191	494361.06	3859801.99	0.28759	0.28858	0.31581	4.28E-03	2.04E-05	8.22E-03	0.012517	4.37E-03	2.01E-05	9.14E-03	0.013533	4.16E-03	2.55E-05	1.75E-02	2.17E-02
2192	494411.06	3859801.99	0.28497	0.28023	0.31091	4.24E-03	1.98E-05	8.09E-03	0.01235	4.33E-03	1.95E-05	9.00E-03	0.01335	4.12E-03	2.47E-05	1.73E-02	2.14E-02
2193	494461.06	3859801.99	0.28547	0.28201	0.31008	4.25E-03	1.99E-05	8.07E-03	0.012336	4.34E-03	1.96E-05	8.97E-03	0.013334	4.13E-03	2.49E-05	1.72E-02	2.14E-02
2194	494511.06	3859801.99	0.28526	0.28532	0.30994	4.25E-03	2.01E-05	8.06E-03	0.01233	4.34E-03	1.98E-05	8.97E-03	0.013327	4.12E-03	2.52E-05	1.72E-02	2.14E-02
2195	494561.06	3859801.99	0.28322	0.27994	0.30756	4.22E-03	1.98E-05	8.00E-03	0.012237	4.31E-03	1.95E-05	8.90E-03	0.013227	4.09E-03	2.47E-05	1.71E-02	2.12E-02
2196	494611.06	3859801.99	0.27921	0.27819	0.30297	4.16E-03	1.96E-05	7.88E-03	0.012058	4.25E-03	1.93E-05	8.77E-03	0.013033	4.03E-03	2.45E-05	1.68E-02	2.09E-02
2197	494661.06	3859801.99	0.27705	0.28211	0.30083	4.12E-03	1.99E-05	7.83E-03	0.01197	4.21E-03	1.96E-05	8.71E-03	0.012938	4.00E-03	2.49E-05	1.67E-02	2.07E-02
2198	494711.06	3859801.99	0.27436	0.28395	0.2978	4.08E-03	2.00E-05	7.75E-03	0.011851	4.17E-03	1.97E-05	8.62E-03	0.01281	3.96E-03	2.51E-05	1.65E-02	2.05E-02
2199	494761.06	3859801.99	0.27318	0.28644	0.29779	4.07E-03	2.02E-05	7.75E-03	0.011834	4.15E-03	1.99E-05	8.62E-03	0.012792	3.95E-03	2.53E-05	1.65E-02	2.05E-02
2200	494811.06	3859801.99	0.27041	0.28737	0.29538	4.03E-03	2.03E-05	7.68E-03	0.01173	4.11E-03	2.00E-05	8.55E-03	0.01268	3.91E-03	2.54E-05	1.64E-02	2.03E-02
2201	494861.06	3859801.99	0.26833	0.28903	0.29413	3.99E-03	2.04E-05	7.65E-03	0.011666	4.08E-03	2.01E-05	8.51E-03	0.012612	3.88E-03	2.55E-05	1.63E-02	2.02E-02
2202	494911.06	3859801.99	0.26545	0.28608	0.29101	3.95E-03	2.02E-05	7.57E-03	0.011542	4.04E-03	1.99E-05	8.42E-03	0.012478	3.84E-03	2.52E-05	1.62E-02	2.00E-02
2203	494961.06	3859801.99	0.26311	0.28326	0.28907	3.92E-03	2.00E-05	7.52E-03	0.011457	4.00E-03	1.97E-05	8.36E-03	0.012386	3.80E-03	2.50E-05	1.61E-02	1.99E-02
2204	495011.06	3859801.99	0.26067	0.28263	0.28665	3.88E-03	2.00E-05	7.46E-03	0.011357	3.96E-03	1.96E-05	8.29E-03	0.012279	3.77E-03	2.49E-05	1.59E-02	1.97E-02
2205	495061.06	3859801.99	0.25865	0.28033	0.28411	3.85E-03	1.98E-05	7.39E-03	0.011261	3.93E-03	1.95E-05	8.22E-03	0.012175	3.74E-03	2.47E-05	1.58E-02	1.95E-02

2206	495111.06	3859801.99	0.25512	0.27472	0.2805	3.80E-03	1.94E-05	7.30E-03	0.011114	3.88E-03	1.91E-05	8.12E-03	0.012016	3.69E-03	2.42E-05	1.56E-02	1.93E-02
2207	495161.06	3859801.99	0.25121	0.27545	0.27626	3.74E-03	1.94E-05	7.19E-03	0.010946	3.82E-03	1.91E-05	7.99E-03	0.011834	3.63E-03	2.43E-05	1.54E-02	1.90E-02
2208	495211.06	3859801.99	0.24956	0.27597	0.27227	3.71E-03	1.95E-05	7.08E-03	0.010817	3.80E-03	1.92E-05	7.88E-03	0.011693	3.61E-03	2.43E-05	1.51E-02	1.88E-02
2209	495261.06	3859801.99	0.24738	0.27214	0.2697	3.68E-03	1.92E-05	7.02E-03	0.010718	3.76E-03	1.89E-05	7.80E-03	0.011586	3.57E-03	2.40E-05	1.50E-02	1.86E-02
2210	495311.06	3859801.99	0.24614	0.27274	0.26807	3.66E-03	1.93E-05	6.97E-03	0.010657	3.74E-03	1.90E-05	7.76E-03	0.01152	3.56E-03	2.41E-05	1.49E-02	1.85E-02
2211	495361.06	3859801.99	0.24445	0.2725	0.26624	3.64E-03	1.92E-05	6.93E-03	0.010584	3.72E-03	1.89E-05	7.70E-03	0.011441	3.53E-03	2.40E-05	1.48E-02	1.84E-02
2212	495411.06	3859801.99	0.24226	0.27126	0.26375	3.61E-03	1.92E-05	6.86E-03	0.010487	3.68E-03	1.89E-05	7.63E-03	0.011336	3.50E-03	2.39E-05	1.47E-02	1.82E-02
2213	495461.06	3859801.99	0.24097	0.26847	0.26186	3.59E-03	1.90E-05	6.81E-03	0.010418	3.66E-03	1.87E-05	7.58E-03	0.011261	3.48E-03	2.37E-05	1.46E-02	1.81E-02
2214	495511.06	3859801.99	0.2377	0.26673	0.25843	3.54E-03	1.88E-05	6.72E-03	0.01028	3.62E-03	1.85E-05	7.48E-03	0.011112	3.43E-03	2.35E-05	1.44E-02	1.78E-02
2215	495561.06	3859801.99	0.2368	0.26802	0.25711	3.52E-03	1.89E-05	6.69E-03	0.010233	3.60E-03	1.86E-05	7.44E-03	0.01106	3.42E-03	2.36E-05	1.43E-02	1.77E-02
2216	495611.06	3859801.99	0.23775	0.27169	0.25746	3.54E-03	1.92E-05	6.70E-03	0.010256	3.62E-03	1.89E-05	7.45E-03	0.011085	3.44E-03	2.40E-05	1.43E-02	1.78E-02
2217	495661.06	3859801.99	0.23536	0.27231	0.25453	3.50E-03	1.92E-05	6.62E-03	0.010144	3.58E-03	1.89E-05	7.37E-03	0.010964	3.40E-03	2.40E-05	1.41E-02	1.76E-02
2218	494311.06	3859851.99	0.29222	0.28937	0.32394	4.35E-03	2.04E-05	8.43E-03	0.012798	4.44E-03	2.01E-05	9.37E-03	0.013838	4.22E-03	2.55E-05	1.80E-02	2.22E-02
2219	494361.06	3859851.99	0.28982	0.28759	0.32228	4.31E-03	2.03E-05	8.38E-03	0.012719	4.41E-03	2.00E-05	9.33E-03	0.013754	4.19E-03	2.54E-05	1.79E-02	2.21E-02
2220	494411.06	3859851.99	0.28681	0.28335	0.31836	4.27E-03	2.00E-05	8.28E-03	0.012572	4.36E-03	1.97E-05	9.21E-03	0.013594	4.14E-03	2.50E-05	1.77E-02	2.19E-02
2221	494461.06	3859851.99	0.28395	0.28266	0.31407	4.23E-03	2.00E-05	8.17E-03	0.012417	4.32E-03	1.96E-05	9.09E-03	0.013427	4.10E-03	2.49E-05	1.75E-02	2.16E-02
2222	494511.06	3859851.99	0.28389	0.28017	0.3118	4.23E-03	1.98E-05	8.11E-03	0.012357	4.32E-03	1.95E-05	9.02E-03	0.01336	4.10E-03	2.47E-05	1.73E-02	2.15E-02
2223	494561.06	3859851.99	0.28505	0.27493	0.3103	4.24E-03	1.94E-05	8.07E-03	0.012335	4.34E-03	1.91E-05	8.98E-03	0.013334	4.12E-03	2.43E-05	1.72E-02	2.14E-02
2224	494611.06	3859851.99	0.28125	0.27608	0.30537	4.19E-03	1.95E-05	7.94E-03	0.01215	4.28E-03	1.92E-05	8.84E-03	0.013133	4.06E-03	2.44E-05	1.70E-02	2.11E-02
2225	494661.06	3859851.99	0.28006	0.27694	0.30421	4.17E-03	1.96E-05	7.91E-03	0.012102	4.26E-03	1.92E-05	8.80E-03	0.013082	4.05E-03	2.44E-05	1.69E-02	2.10E-02
2226	494711.06	3859851.99	0.27705	0.27424	0.30077	4.12E-03	1.94E-05	7.82E-03	0.011968	4.21E-03	1.91E-05	8.70E-03	0.012936	4.00E-03	2.42E-05	1.67E-02	2.07E-02
2227	494761.06	3859851.99	0.27624	0.27538	0.30138	4.11E-03	1.94E-05	7.84E-03	0.011972	4.20E-03	1.91E-05	8.72E-03	0.012942	3.99E-03	2.43E-05	1.67E-02	2.08E-02
2228	494811.06	3859851.99	0.2738	0.28122	0.29966	4.08E-03	1.99E-05	7.80E-03	0.011891	4.16E-03	1.95E-05	8.67E-03	0.012855	3.96E-03	2.48E-05	1.67E-02	2.06E-02
2229	494861.06	3859851.99	0.27171	0.28212	0.29786	4.04E-03	1.99E-05	7.75E-03	0.011813	4.13E-03	1.96E-05	8.62E-03	0.012771	3.93E-03	2.49E-05	1.66E-02	2.05E-02
2230	494911.06	3859851.99	0.269	0.28237	0.29547	4.00E-03	1.99E-05	7.69E-03	0.011711	4.09E-03	1.96E-05	8.55E-03	0.012661	3.89E-03	2.49E-05	1.64E-02	2.03E-02
2231	494961.06	3859851.99	0.26667	0.28327	0.2937	3.97E-03	2.00E-05	7.64E-03	0.01163	4.06E-03	1.97E-05	8.50E-03	0.012574	3.85E-03	2.50E-05	1.63E-02	2.02E-02
2232	495011.06	3859851.99	0.26437	0.28273	0.29142	3.94E-03	2.00E-05	7.58E-03	0.011537	4.02E-03	1.97E-05	8.43E-03	0.012473	3.82E-03	2.49E-05	1.62E-02	2.00E-02
2233	495061.06	3859851.99	0.26231	0.27918	0.2903	3.90E-03	1.97E-05	7.55E-03	0.011477	3.99E-03	1.94E-05	8.40E-03	0.012409	3.79E-03	2.46E-05	1.61E-02	1.99E-02
2234	495111.06	3859851.99	0.25927	0.2786	0.28768	3.86E-03	1.97E-05	7.48E-03	0.011363	3.94E-03	1.94E-05	8.32E-03	0.012287	3.75E-03	2.46E-05	1.60E-02	1.98E-02
2235	495161.06	3859851.99	0.25674	0.27951	0.28466	3.82E-03	1.97E-05	7.41E-03	0.011247	3.90E-03	1.94E-05	8.24E-03	0.012161	3.71E-03	2.47E-05	1.58E-02	1.96E-02
2236	495211.06	3859851.99	0.25416	0.27444	0.28175	3.78E-03	1.94E-05	7.33E-03	0.011132	3.87E-03	1.91E-05	8.15E-03	0.012038	3.67E-03	2.42E-05	1.57E-02	1.94E-02
2237	495261.06	3859851.99	0.25129	0.27171	0.27792	3.74E-03	1.92E-05	7.23E-03	0.01099	3.82E-03	1.89E-05	8.04E-03	0.011883	3.63E-03	2.40E-05	1.54E-02	1.91E-02
2238	495311.06	3859851.99	0.24994	0.27059	0.27397	3.72E-03	1.91E-05	7.13E-03	0.010867	3.80E-03	1.88E-05	7.93E-03	0.011748	3.61E-03	2.39E-05	1.52E-02	1.89E-02
2239	495361.06	3859851.99	0.24819	0.27024	0.26918	3.69E-03	1.91E-05	7.00E-03	0.010716	3.77E-03	1.88E-05	7.79E-03	0.011583	3.59E-03	2.38E-05	1.50E-02	1.86E-02
2240	495411.06	3859851.99	0.24582	0.2691	0.266	3.66E-03	1.90E-05	6.92E-03	0.010598	3.74E-03	1.87E-05	7.70E-03	0.011455	3.55E-03	2.37E-05	1.48E-02	1.84E-02
2241	495461.06	3859851.99	0.24374	0.26639	0.26385	3.63E-03	1.88E-05	6.86E-03	0.010511	3.71E-03	1.85E-05	7.64E-03	0.011361	3.52E-03	2.35E-05	1.47E-02	1.82E-02
2242	495511.06	3859851.99	0.2412	0.26801	0.26193	3.59E-03	1.89E-05	6.81E-03	0.010423	3.67E-03	1.86E-05	7.58E-03	0.011267	3.49E-03	2.36E-05	1.46E-02	1.81E-02
2243	495561.06	3859851.99	0.2402	0.26624	0.26141	3.58E-03	1.88E-05	6.80E-03	0.010395	3.65E-03	1.85E-05	7.56E-03	0.011236	3.47E-03	2.35E-05	1.45E-02	1.80E-02
2244	495611.06	3859851.99	0.23869	0.26404	0.26066	3.55E-03	1.86E-05	6.78E-03	0.010353	3.63E-03	1.84E-05	7.54E-03	0.011191	3.45E-03	2.33E-05	1.45E-02	1.80E-02
2245	495661.06	3859851.99	0.23574	0.26358	0.25808	3.51E-03	1.86E-05	6.71E-03	0.010242	3.59E-03	1.83E-05	7.47E-03	0.011072	3.41E-03	2.33E-05	1.43E-02	1.78E-02
2246	494311.06	3859901.99	0.29181	0.28964	0.32101	4.34E-03	2.05E-05	8.35E-03	0.012715	4.44E-03	2.01E-05	9.29E-03	0.013747	4.22E-03	2.56E-05	1.78E-02	2.21E-02
2247	494361.06	3859901.99	0.28937	0.28907	0.32027	4.31E-03	2.04E-05	8.33E-03	0.01266	4.40E-03	2.01E-05	9.27E-03	0.013689	4.18E-03	2.55E-05	1.78E-02	2.20E-02
2248	494411.06	3859901.99	0.28861	0.28443	0.32027	4.30E-03	2.01E-05	8.33E-03	0.012648	4.39E-03	1.98E-05	9.27E-03	0.013677	4.17E-03	2.51E-05	1.78E-02	2.20E-02
2249	494461.06	3859901.99	0.28657	0.28182	0.31634	4.27E-03	1.99E-05	8.23E-03	0.012515	4.36E-03	1.96E-05	9.15E-03	0.013532	4.14E-03	2.49E-05	1.76E-02	2.17E-02
2250	494511.06	3859901.99	0.28495	0.27982	0.31596	4.24E-03	1.98E-05	8.22E-03	0.012481	4.33E-03	1.94E-05	9.14E-03	0.013496	4.12E-03	2.47E-05	1.76E-02	2.17E-02
2251	494561.06	3859901.99	0.28343	0.27667	0.31524	4.22E-03	1.95E-05	8.20E-03	0.01244	4.31E-03	1.92E-05	9.12E-03	0.013452	4.10E-03	2.44E-05	1.75E-02	2.16E-02
2252	494611.06	3859901.99	0.28016	0.27606	0.30992	4.17E-03	1.95E-05	8.06E-03	0.012252	4.26E-03	1.92E-05	8.97E-03	0.013248	4.05E-03	2.44E-05	1.72E-02	2.13E-02

2253	494661.06	3859901.99	0.28119	0.27207	0.30763	4.19E-03	1.92E-05	8.00E-03	0.012208	4.28E-03	1.89E-05	8.90E-03	0.013197	4.06E-03	2.40E-05	1.71E-02	2.12E-02
2254	494711.06	3859901.99	0.27807	0.26991	0.30322	4.14E-03	1.91E-05	7.89E-03	0.012047	4.23E-03	1.88E-05	8.77E-03	0.013022	4.02E-03	2.38E-05	1.68E-02	2.09E-02
2255	494761.06	3859901.99	0.27803	0.27253	0.30201	4.14E-03	1.92E-05	7.86E-03	0.012015	4.23E-03	1.89E-05	8.74E-03	0.012987	4.02E-03	2.40E-05	1.68E-02	2.08E-02
2256	494811.06	3859901.99	0.27695	0.26847	0.30166	4.12E-03	1.90E-05	7.85E-03	0.011989	4.21E-03	1.87E-05	8.73E-03	0.01296	4.00E-03	2.37E-05	1.68E-02	2.08E-02
2257	494861.06	3859901.99	0.27547	0.2685	0.30084	4.10E-03	1.90E-05	7.83E-03	0.011946	4.19E-03	1.87E-05	8.71E-03	0.012914	3.98E-03	2.37E-05	1.67E-02	2.07E-02
2258	494911.06	3859901.99	0.27271	0.27381	0.29893	4.06E-03	1.93E-05	7.78E-03	0.011855	4.15E-03	1.90E-05	8.65E-03	0.012817	3.94E-03	2.42E-05	1.66E-02	2.06E-02
2259	494961.06	3859901.99	0.27031	0.27657	0.29698	4.02E-03	1.95E-05	7.73E-03	0.011769	4.11E-03	1.92E-05	8.59E-03	0.012724	3.91E-03	2.44E-05	1.65E-02	2.04E-02
2260	495011.06	3859901.99	0.26771	0.27721	0.29503	3.98E-03	1.96E-05	7.68E-03	0.01168	4.07E-03	1.93E-05	8.54E-03	0.012628	3.87E-03	2.45E-05	1.64E-02	2.03E-02
2261	495061.06	3859901.99	0.26546	0.27805	0.29332	3.95E-03	1.96E-05	7.63E-03	0.011602	4.04E-03	1.93E-05	8.49E-03	0.012545	3.84E-03	2.45E-05	1.63E-02	2.02E-02
2262	495111.06	3859901.99	0.26282	0.27812	0.29037	3.91E-03	1.96E-05	7.55E-03	0.011486	4.00E-03	1.93E-05	8.40E-03	0.012419	3.80E-03	2.45E-05	1.61E-02	2.00E-02
2263	495161.06	3859901.99	0.26015	0.27458	0.28764	3.87E-03	1.94E-05	7.48E-03	0.011375	3.96E-03	1.91E-05	8.32E-03	0.012299	3.76E-03	2.42E-05	1.60E-02	1.98E-02
2264	495211.06	3859901.99	0.25826	0.27376	0.28683	3.84E-03	1.93E-05	7.46E-03	0.011326	3.93E-03	1.90E-05	8.30E-03	0.012247	3.73E-03	2.42E-05	1.59E-02	1.97E-02
2265	495261.06	3859901.99	0.25499	0.27492	0.284	3.80E-03	1.94E-05	7.39E-03	0.011203	3.88E-03	1.91E-05	8.22E-03	0.012115	3.68E-03	2.43E-05	1.58E-02	1.95E-02
2266	495311.06	3859901.99	0.25295	0.27467	0.28207	3.77E-03	1.94E-05	7.34E-03	0.011123	3.85E-03	1.91E-05	8.16E-03	0.012029	3.66E-03	2.42E-05	1.57E-02	1.94E-02
2267	495361.06	3859901.99	0.25065	0.26939	0.27867	3.73E-03	1.90E-05	7.25E-03	0.011	3.81E-03	1.87E-05	8.06E-03	0.011895	3.62E-03	2.38E-05	1.55E-02	1.91E-02
2268	495411.06	3859901.99	0.24831	0.26699	0.27426	3.70E-03	1.89E-05	7.14E-03	0.01085	3.78E-03	1.86E-05	7.94E-03	0.011731	3.59E-03	2.36E-05	1.52E-02	1.89E-02
2269	495461.06	3859901.99	0.24643	0.26485	0.26931	3.67E-03	1.87E-05	7.01E-03	0.010693	3.75E-03	1.84E-05	7.79E-03	0.011559	3.56E-03	2.34E-05	1.50E-02	1.85E-02
2270	495511.06	3859901.99	0.24514	0.26462	0.26539	3.65E-03	1.87E-05	6.90E-03	0.010572	3.73E-03	1.84E-05	7.68E-03	0.011426	3.54E-03	2.33E-05	1.47E-02	1.83E-02
2271	495561.06	3859901.99	0.24355	0.2656	0.26273	3.63E-03	1.88E-05	6.84E-03	0.010479	3.70E-03	1.85E-05	7.60E-03	0.011325	3.52E-03	2.34E-05	1.46E-02	1.81E-02
2272	495611.06	3859901.99	0.24162	0.26367	0.26024	3.60E-03	1.86E-05	6.77E-03	0.010385	3.67E-03	1.83E-05	7.53E-03	0.011224	3.49E-03	2.33E-05	1.45E-02	1.80E-02
2273	495661.06	3859901.99	0.2394	0.265	0.25867	3.56E-03	1.87E-05	6.73E-03	0.010312	3.64E-03	1.84E-05	7.49E-03	0.011145	3.46E-03	2.34E-05	1.44E-02	1.79E-02
2274	494311.06	3859951.99	0.29012	0.29069	0.31893	4.32E-03	2.05E-05	8.30E-03	0.012636	4.41E-03	2.02E-05	9.23E-03	0.013662	4.19E-03	2.56E-05	1.77E-02	2.19E-02
2275	494361.06	3859951.99	0.28932	0.28611	0.31594	4.31E-03	2.02E-05	8.22E-03	0.012546	4.40E-03	1.99E-05	9.14E-03	0.013563	4.18E-03	2.52E-05	1.76E-02	2.18E-02
2276	494411.06	3859951.99	0.28764	0.28389	0.31475	4.28E-03	2.00E-05	8.19E-03	0.01249	4.37E-03	1.97E-05	9.11E-03	0.013502	4.16E-03	2.50E-05	1.75E-02	2.17E-02
2277	494461.06	3859951.99	0.2864	0.28226	0.31438	4.26E-03	1.99E-05	8.18E-03	0.012462	4.36E-03	1.96E-05	9.10E-03	0.013473	4.14E-03	2.49E-05	1.75E-02	2.16E-02
2278	494511.06	3859951.99	0.28515	0.27855	0.31461	4.24E-03	1.97E-05	8.18E-03	0.012449	4.34E-03	1.94E-05	9.10E-03	0.01346	4.12E-03	2.46E-05	1.75E-02	2.16E-02
2279	494561.06	3859951.99	0.28465	0.27749	0.31505	4.24E-03	1.96E-05	8.20E-03	0.012453	4.33E-03	1.93E-05	9.12E-03	0.013465	4.11E-03	2.45E-05	1.75E-02	2.16E-02
2280	494611.06	3859951.99	0.28254	0.27495	0.31131	4.21E-03	1.94E-05	8.10E-03	0.012324	4.30E-03	1.91E-05	9.01E-03	0.013325	4.08E-03	2.43E-05	1.73E-02	2.14E-02
2281	494661.06	3859951.99	0.28049	0.27094	0.31136	4.18E-03	1.91E-05	8.10E-03	0.012294	4.27E-03	1.88E-05	9.01E-03	0.013295	4.05E-03	2.39E-05	1.73E-02	2.14E-02
2282	494711.06	3859951.99	0.27822	0.27005	0.30789	4.14E-03	1.91E-05	8.01E-03	0.01217	4.23E-03	1.88E-05	8.91E-03	0.01316	4.02E-03	2.38E-05	1.71E-02	2.12E-02
2283	494761.06	3859951.99	0.27784	0.26863	0.30571	4.14E-03	1.90E-05	7.95E-03	0.012108	4.23E-03	1.87E-05	8.85E-03	0.013091	4.01E-03	2.37E-05	1.70E-02	2.10E-02
2284	494811.06	3859951.99	0.27779	0.26517	0.30255	4.13E-03	1.87E-05	7.87E-03	0.012025	4.22E-03	1.84E-05	8.76E-03	0.012998	4.01E-03	2.34E-05	1.68E-02	2.08E-02
2285	494861.06	3859951.99	0.27766	0.26751	0.30089	4.13E-03	1.89E-05	7.83E-03	0.01198	4.22E-03	1.86E-05	8.71E-03	0.012948	4.01E-03	2.36E-05	1.67E-02	2.08E-02
2286	494911.06	3859951.99	0.27557	0.26537	0.29952	4.10E-03	1.87E-05	7.79E-03	0.011913	4.19E-03	1.84E-05	8.67E-03	0.012877	3.98E-03	2.34E-05	1.66E-02	2.06E-02
2287	494961.06	3859951.99	0.27355	0.26171	0.2982	4.07E-03	1.85E-05	7.76E-03	0.011848	4.16E-03	1.82E-05	8.63E-03	0.012808	3.95E-03	2.31E-05	1.66E-02	2.05E-02
2288	495011.06	3859951.99	0.27101	0.26587	0.29684	4.03E-03	1.88E-05	7.72E-03	0.011775	4.12E-03	1.85E-05	8.59E-03	0.01273	3.92E-03	2.35E-05	1.65E-02	2.04E-02
2289	495061.06	3859951.99	0.26861	0.26925	0.29506	4.00E-03	1.90E-05	7.68E-03	0.011693	4.09E-03	1.87E-05	8.54E-03	0.012642	3.88E-03	2.38E-05	1.64E-02	2.03E-02
2290	495111.06	3859951.99	0.26588	0.27157	0.29288	3.96E-03	1.92E-05	7.62E-03	0.011596	4.04E-03	1.89E-05	8.48E-03	0.012538	3.84E-03	2.40E-05	1.63E-02	2.01E-02
2291	495161.06	3859951.99	0.26345	0.27168	0.29087	3.92E-03	1.92E-05	7.57E-03	0.011508	4.01E-03	1.89E-05	8.42E-03	0.012443	3.81E-03	2.40E-05	1.62E-02	2.00E-02
2292	495211.06	3859951.99	0.26099	0.27224	0.28819	3.88E-03	1.92E-05	7.50E-03	0.011402	3.97E-03	1.89E-05	8.34E-03	0.012328	3.77E-03	2.40E-05	1.60E-02	1.98E-02
2293	495261.06	3859951.99	0.2585	0.2703	0.28585	3.85E-03	1.91E-05	7.44E-03	0.011303	3.93E-03	1.88E-05	8.27E-03	0.012222	3.74E-03	2.38E-05	1.59E-02	1.96E-02
2294	495311.06	3859951.99	0.25638	0.26929	0.28509	3.82E-03	1.90E-05	7.42E-03	0.011252	3.90E-03	1.87E-05	8.25E-03	0.012168	3.70E-03	2.38E-05	1.58E-02	1.96E-02
2295	495361.06	3859951.99	0.25393	0.26989	0.28365	3.78E-03	1.91E-05	7.38E-03	0.011178	3.86E-03	1.88E-05	8.21E-03	0.012089	3.67E-03	2.38E-05	1.58E-02	1.95E-02
2296	495411.06	3859951.99	0.25112	0.26928	0.28081	3.74E-03	1.90E-05	7.31E-03	0.011062	3.82E-03	1.87E-05	8.13E-03	0.011964	3.63E-03	2.38E-05	1.56E-02	1.93E-02
2297	495461.06	3859951.99	0.24896	0.26645	0.27826	3.71E-03	1.88E-05	7.24E-03	0.010964	3.79E-03	1.85E-05	8.05E-03	0.011857	3.60E-03	2.35E-05	1.55E-02	1.91E-02
2298	495511.06	3859951.99	0.24689	0.26399	0.27477	3.67E-03	1.86E-05	7.15E-03	0.010842	3.75E-03	1.83E-05	7.95E-03	0.011724	3.57E-03	2.33E-05	1.53E-02	1.89E-02
2299	495561.06	3859951.99	0.24629	0.26286	0.27112	3.67E-03	1.86E-05	7.05E-03	0.010738	3.75E-03	1.83E-05	7.85E-03	0.01161	3.56E-03	2.32E-05	1.51E-02	1.86E-02

2300	495611.06	3859951.99	0.24425	0.26102	0.26614	3.64E-03	1.84E-05	6.92E-03	0.010578	3.71E-03	1.81E-05	7.70E-03	0.011434	3.53E-03	2.30E-05	1.48E-02	1.83E-02
2301	495661.06	3859951.99	0.24187	0.25964	0.26225	3.60E-03	1.83E-05	6.82E-03	0.010441	3.68E-03	1.80E-05	7.59E-03	0.011285	3.50E-03	2.29E-05	1.46E-02	1.81E-02
2302	494311.06	3860001.99	0.28876	0.29456	0.32156	4.30E-03	2.08E-05	8.37E-03	0.012685	4.39E-03	2.05E-05	9.31E-03	0.013717	4.17E-03	2.60E-05	1.79E-02	2.21E-02
2303	494361.06	3860001.99	0.2865	0.2901	0.31946	4.26E-03	2.05E-05	8.31E-03	0.012596	4.36E-03	2.02E-05	9.24E-03	0.013622	4.14E-03	2.56E-05	1.78E-02	2.19E-02
2304	494411.06	3860001.99	0.28495	0.28576	0.31574	4.24E-03	2.02E-05	8.21E-03	0.012476	4.33E-03	1.99E-05	9.14E-03	0.01349	4.12E-03	2.52E-05	1.75E-02	2.17E-02
2305	494461.06	3860001.99	0.28475	0.28194	0.31261	4.24E-03	1.99E-05	8.13E-03	0.012391	4.33E-03	1.96E-05	9.05E-03	0.013396	4.11E-03	2.49E-05	1.74E-02	2.15E-02
2306	494511.06	3860001.99	0.28374	0.27909	0.31074	4.22E-03	1.97E-05	8.08E-03	0.012327	4.32E-03	1.94E-05	8.99E-03	0.013327	4.10E-03	2.46E-05	1.73E-02	2.14E-02
2307	494561.06	3860001.99	0.28331	0.27445	0.31162	4.22E-03	1.94E-05	8.11E-03	0.012343	4.31E-03	1.91E-05	9.02E-03	0.013345	4.09E-03	2.42E-05	1.73E-02	2.14E-02
2308	494611.06	3860001.99	0.28142	0.27397	0.31038	4.19E-03	1.93E-05	8.07E-03	0.012283	4.28E-03	1.90E-05	8.98E-03	0.013281	4.07E-03	2.42E-05	1.72E-02	2.13E-02
2309	494661.06	3860001.99	0.28031	0.27208	0.31015	4.17E-03	1.92E-05	8.07E-03	0.01226	4.26E-03	1.89E-05	8.97E-03	0.013257	4.05E-03	2.40E-05	1.72E-02	2.13E-02
2310	494711.06	3860001.99	0.27829	0.27009	0.30637	4.14E-03	1.91E-05	7.97E-03	0.012132	4.23E-03	1.88E-05	8.87E-03	0.013117	4.02E-03	2.38E-05	1.70E-02	2.11E-02
2311	494761.06	3860001.99	0.27682	0.26548	0.30652	4.12E-03	1.87E-05	7.97E-03	0.012114	4.21E-03	1.85E-05	8.87E-03	0.013098	4.00E-03	2.34E-05	1.70E-02	2.11E-02
2312	494811.06	3860001.99	0.27515	0.26375	0.30485	4.10E-03	1.86E-05	7.93E-03	0.012045	4.18E-03	1.83E-05	8.82E-03	0.013025	3.98E-03	2.33E-05	1.69E-02	2.09E-02
2313	494861.06	3860001.99	0.27489	0.26197	0.303	4.09E-03	1.85E-05	7.88E-03	0.011993	4.18E-03	1.82E-05	8.77E-03	0.012967	3.97E-03	2.31E-05	1.68E-02	2.08E-02
2314	494911.06	3860001.99	0.27347	0.26191	0.29922	4.07E-03	1.85E-05	7.78E-03	0.011874	4.16E-03	1.82E-05	8.66E-03	0.012836	3.95E-03	2.31E-05	1.66E-02	2.06E-02
2315	494961.06	3860001.99	0.27387	0.26201	0.2972	4.08E-03	1.85E-05	7.73E-03	0.011827	4.17E-03	1.82E-05	8.60E-03	0.012784	3.96E-03	2.31E-05	1.65E-02	2.05E-02
2316	495011.06	3860001.99	0.27265	0.2607	0.29506	4.06E-03	1.84E-05	7.68E-03	0.011753	4.15E-03	1.81E-05	8.54E-03	0.012703	3.94E-03	2.30E-05	1.64E-02	2.04E-02
2317	495061.06	3860001.99	0.27168	0.25876	0.29456	4.04E-03	1.83E-05	7.66E-03	0.011725	4.13E-03	1.80E-05	8.52E-03	0.012674	3.93E-03	2.28E-05	1.64E-02	2.03E-02
2318	495111.06	3860001.99	0.26922	0.2588	0.29398	4.01E-03	1.83E-05	7.65E-03	0.011674	4.09E-03	1.80E-05	8.51E-03	0.012619	3.89E-03	2.28E-05	1.63E-02	2.02E-02
2319	495161.06	3860001.99	0.26671	0.26121	0.29255	3.97E-03	1.84E-05	7.61E-03	0.011599	4.06E-03	1.82E-05	8.47E-03	0.01254	3.85E-03	2.30E-05	1.63E-02	2.01E-02
2320	495211.06	3860001.99	0.26434	0.26456	0.29127	3.93E-03	1.87E-05	7.58E-03	0.011531	4.02E-03	1.84E-05	8.43E-03	0.012467	3.82E-03	2.33E-05	1.62E-02	2.00E-02
2321	495261.06	3860001.99	0.26193	0.26597	0.28964	3.90E-03	1.88E-05	7.54E-03	0.011453	3.98E-03	1.85E-05	8.38E-03	0.012384	3.78E-03	2.35E-05	1.61E-02	1.99E-02
2322	495311.06	3860001.99	0.25962	0.26562	0.28789	3.86E-03	1.88E-05	7.49E-03	0.011373	3.95E-03	1.85E-05	8.33E-03	0.012298	3.75E-03	2.34E-05	1.60E-02	1.98E-02
2323	495361.06	3860001.99	0.25667	0.26634	0.28443	3.82E-03	1.88E-05	7.40E-03	0.011239	3.90E-03	1.85E-05	8.23E-03	0.012153	3.71E-03	2.35E-05	1.58E-02	1.95E-02
2324	495411.06	3860001.99	0.25466	0.26446	0.28395	3.79E-03	1.87E-05	7.39E-03	0.011196	3.87E-03	1.84E-05	8.22E-03	0.012108	3.68E-03	2.33E-05	1.58E-02	1.95E-02
2325	495461.06	3860001.99	0.25218	0.26393	0.28247	3.75E-03	1.86E-05	7.35E-03	0.011121	3.84E-03	1.83E-05	8.17E-03	0.012028	3.64E-03	2.33E-05	1.57E-02	1.94E-02
2326	495511.06	3860001.99	0.24977	0.2642	0.28045	3.72E-03	1.87E-05	7.30E-03	0.011033	3.80E-03	1.84E-05	8.12E-03	0.011933	3.61E-03	2.33E-05	1.56E-02	1.92E-02
2327	495561.06	3860001.99	0.24805	0.26345	0.27859	3.69E-03	1.86E-05	7.25E-03	0.010959	3.77E-03	1.83E-05	8.06E-03	0.011852	3.58E-03	2.32E-05	1.55E-02	1.91E-02
2328	495611.06	3860001.99	0.24571	0.2603	0.27499	3.66E-03	1.84E-05	7.15E-03	0.01083	3.74E-03	1.81E-05	7.96E-03	0.011713	3.55E-03	2.30E-05	1.53E-02	1.89E-02
2329	495661.06	3860001.99	0.24398	0.25985	0.27067	3.63E-03	1.83E-05	7.04E-03	0.010692	3.71E-03	1.81E-05	7.83E-03	0.011561	3.53E-03	2.29E-05	1.50E-02	1.86E-02
2330	494411.06	3860051.99	0.28363	0.2922	0.31748	4.22E-03	2.06E-05	8.26E-03	0.012502	4.31E-03	2.03E-05	9.19E-03	0.013521	4.10E-03	2.58E-05	1.76E-02	2.18E-02
2331	494461.06	3860051.99	0.2825	0.28471	0.31588	4.20E-03	2.01E-05	8.22E-03	0.012443	4.30E-03	1.98E-05	9.14E-03	0.013457	4.08E-03	2.51E-05	1.76E-02	2.17E-02
2332	494511.06	3860051.99	0.28116	0.2797	0.31294	4.19E-03	1.97E-05	8.14E-03	0.012346	4.28E-03	1.94E-05	9.06E-03	0.013351	4.06E-03	2.47E-05	1.74E-02	2.15E-02
2333	494561.06	3860051.99	0.28101	0.27631	0.31141	4.18E-03	1.95E-05	8.10E-03	0.012304	4.27E-03	1.92E-05	9.01E-03	0.013304	4.06E-03	2.44E-05	1.73E-02	2.14E-02
2334	494611.06	3860051.99	0.28054	0.27454	0.30898	4.18E-03	1.94E-05	8.04E-03	0.012234	4.27E-03	1.91E-05	8.94E-03	0.013227	4.05E-03	2.42E-05	1.72E-02	2.12E-02
2335	494661.06	3860051.99	0.27936	0.27083	0.30721	4.16E-03	1.91E-05	7.99E-03	0.01217	4.25E-03	1.88E-05	8.89E-03	0.013157	4.04E-03	2.39E-05	1.71E-02	2.11E-02
2336	494711.06	3860051.99	0.27787	0.2704	0.30603	4.14E-03	1.91E-05	7.96E-03	0.012117	4.23E-03	1.88E-05	8.86E-03	0.013101	4.02E-03	2.39E-05	1.70E-02	2.10E-02
2337	494761.06	3860051.99	0.27583	0.26926	0.30538	4.11E-03	1.90E-05	7.94E-03	0.012069	4.20E-03	1.87E-05	8.84E-03	0.013051	3.99E-03	2.38E-05	1.70E-02	2.10E-02
2338	494811.06	3860051.99	0.27402	0.26342	0.30453	4.08E-03	1.86E-05	7.92E-03	0.01202	4.17E-03	1.83E-05	8.81E-03	0.012998	3.96E-03	2.32E-05	1.69E-02	2.09E-02
2339	494861.06	3860051.99	0.27234	0.25829	0.30191	4.05E-03	1.82E-05	7.85E-03	0.011926	4.14E-03	1.80E-05	8.74E-03	0.012896	3.94E-03	2.28E-05	1.68E-02	2.07E-02
2340	494911.06	3860051.99	0.2712	0.25856	0.30189	4.04E-03	1.83E-05	7.85E-03	0.011909	4.12E-03	1.80E-05	8.74E-03	0.012878	3.92E-03	2.28E-05	1.68E-02	2.07E-02
2341	494961.06	3860051.99	0.27057	0.25779	0.29916	4.03E-03	1.82E-05	7.78E-03	0.011828	4.12E-03	1.79E-05	8.66E-03	0.01279	3.91E-03	2.27E-05	1.66E-02	2.06E-02
2342	495011.06	3860051.99	0.27004	0.25563	0.29604	4.02E-03	1.80E-05	7.70E-03	0.011739	4.11E-03	1.78E-05	8.57E-03	0.012691	3.90E-03	2.26E-05	1.64E-02	2.04E-02
2343	495061.06	3860051.99	0.26992	0.25595	0.2937	4.02E-03	1.81E-05	7.64E-03	0.011677	4.11E-03	1.78E-05	8.50E-03	0.012622	3.90E-03	2.26E-05	1.63E-02	2.02E-02
2344	495111.06	3860051.99	0.26915	0.25501	0.29174	4.01E-03	1.80E-05	7.59E-03	0.011614	4.09E-03	1.77E-05	8.44E-03	0.012553	3.89E-03	2.25E-05	1.62E-02	2.01E-02
2345	495161.06	3860051.99	0.26801	0.25376	0.29067	3.99E-03	1.79E-05	7.56E-03	0.011569	4.08E-03	1.76E-05	8.41E-03	0.012505	3.87E-03	2.24E-05	1.62E-02	2.00E-02
2346	495211.06	3860051.99	0.26728	0.25347	0.2894	3.98E-03	1.79E-05	7.53E-03	0.011525	4.06E-03	1.76E-05	8.37E-03	0.012457	3.86E-03	2.24E-05	1.61E-02	2.00E-02

2347	495261.06	3860051.99	0.26492	0.25464	0.28861	3.94E-03	1.80E-05	7.51E-03	0.01147	4.03E-03	1.77E-05	8.35E-03	0.012398	3.83E-03	2.25E-05	1.60E-02	1.99E-02
2348	495311.06	3860051.99	0.26243	0.25591	0.28831	3.91E-03	1.81E-05	7.50E-03	0.011425	3.99E-03	1.78E-05	8.34E-03	0.012352	3.79E-03	2.26E-05	1.60E-02	1.98E-02
2349	495361.06	3860051.99	0.25966	0.25905	0.28772	3.86E-03	1.83E-05	7.49E-03	0.011369	3.95E-03	1.80E-05	8.33E-03	0.012293	3.75E-03	2.29E-05	1.60E-02	1.98E-02
2350	495411.06	3860051.99	0.25738	0.25982	0.28612	3.83E-03	1.83E-05	7.44E-03	0.011293	3.91E-03	1.81E-05	8.28E-03	0.012212	3.72E-03	2.29E-05	1.59E-02	1.96E-02
2351	495461.06	3860051.99	0.25504	0.25849	0.284	3.80E-03	1.83E-05	7.39E-03	0.011203	3.88E-03	1.80E-05	8.22E-03	0.012115	3.69E-03	2.28E-05	1.58E-02	1.95E-02
2352	495511.06	3860051.99	0.25282	0.25953	0.28269	3.76E-03	1.83E-05	7.35E-03	0.011136	3.85E-03	1.80E-05	8.18E-03	0.012043	3.65E-03	2.29E-05	1.57E-02	1.94E-02
2353	495561.06	3860051.99	0.25048	0.25821	0.28148	3.73E-03	1.82E-05	7.32E-03	0.01107	3.81E-03	1.79E-05	8.15E-03	0.011973	3.62E-03	2.28E-05	1.56E-02	1.93E-02
2354	495611.06	3860051.99	0.2485	0.25832	0.27994	3.70E-03	1.82E-05	7.28E-03	0.011	3.78E-03	1.80E-05	8.10E-03	0.011898	3.59E-03	2.28E-05	1.56E-02	1.92E-02
2355	495661.06	3860051.99	0.24596	0.25879	0.27702	3.66E-03	1.83E-05	7.21E-03	0.010886	3.74E-03	1.80E-05	8.02E-03	0.011775	3.55E-03	2.28E-05	1.54E-02	1.90E-02
2356	494411.06	3860101.99	0.28108	0.29409	0.31604	4.18E-03	2.08E-05	8.22E-03	0.012427	4.27E-03	2.04E-05	9.15E-03	0.013441	4.06E-03	2.59E-05	1.76E-02	2.16E-02
2357	494461.06	3860101.99	0.27923	0.29486	0.31513	4.16E-03	2.08E-05	8.20E-03	0.012375	4.25E-03	2.05E-05	9.12E-03	0.013386	4.03E-03	2.60E-05	1.75E-02	2.16E-02
2358	494511.06	3860101.99	0.27808	0.29082	0.31359	4.14E-03	2.05E-05	8.16E-03	0.012318	4.23E-03	2.02E-05	9.07E-03	0.013324	4.02E-03	2.57E-05	1.74E-02	2.15E-02
2359	494561.06	3860101.99	0.2785	0.28322	0.31241	4.15E-03	2.00E-05	8.13E-03	0.012293	4.24E-03	1.97E-05	9.04E-03	0.013296	4.02E-03	2.50E-05	1.74E-02	2.14E-02
2360	494611.06	3860101.99	0.27761	0.27821	0.31066	4.13E-03	1.96E-05	8.08E-03	0.012234	4.22E-03	1.93E-05	8.99E-03	0.013231	4.01E-03	2.45E-05	1.73E-02	2.13E-02
2361	494661.06	3860101.99	0.27706	0.27066	0.30776	4.12E-03	1.91E-05	8.01E-03	0.01215	4.21E-03	1.88E-05	8.91E-03	0.013138	4.00E-03	2.39E-05	1.71E-02	2.11E-02
2362	494711.06	3860101.99	0.27639	0.26812	0.30641	4.11E-03	1.89E-05	7.97E-03	0.012104	4.20E-03	1.86E-05	8.87E-03	0.013089	3.99E-03	2.37E-05	1.70E-02	2.10E-02
2363	494761.06	3860101.99	0.27572	0.26701	0.30328	4.10E-03	1.89E-05	7.89E-03	0.012013	4.19E-03	1.86E-05	8.78E-03	0.012988	3.98E-03	2.36E-05	1.69E-02	2.09E-02
2364	494811.06	3860101.99	0.27386	0.26558	0.30183	4.08E-03	1.88E-05	7.85E-03	0.011947	4.17E-03	1.85E-05	8.73E-03	0.012918	3.96E-03	2.34E-05	1.68E-02	2.08E-02
2365	494861.06	3860101.99	0.26931	0.25935	0.301	4.01E-03	1.83E-05	7.83E-03	0.011858	4.10E-03	1.80E-05	8.71E-03	0.012824	3.89E-03	2.29E-05	1.67E-02	2.06E-02
2366	494911.06	3860101.99	0.26972	0.25928	0.30009	4.01E-03	1.83E-05	7.81E-03	0.01184	4.10E-03	1.80E-05	8.68E-03	0.012804	3.90E-03	2.29E-05	1.67E-02	2.06E-02
2367	494961.06	3860101.99	0.26778	0.25406	0.29755	3.99E-03	1.79E-05	7.74E-03	0.011745	4.07E-03	1.77E-05	8.61E-03	0.012701	3.87E-03	2.24E-05	1.65E-02	2.04E-02
2368	495011.06	3860101.99	0.26629	0.25407	0.29565	3.96E-03	1.79E-05	7.69E-03	0.011673	4.05E-03	1.77E-05	8.56E-03	0.012623	3.85E-03	2.24E-05	1.64E-02	2.03E-02
2369	495061.06	3860101.99	0.26603	0.25412	0.29535	3.96E-03	1.79E-05	7.68E-03	0.011662	4.05E-03	1.77E-05	8.55E-03	0.01261	3.84E-03	2.24E-05	1.64E-02	2.03E-02
2370	495111.06	3860101.99	0.26555	0.25372	0.29266	3.95E-03	1.79E-05	7.61E-03	0.011584	4.04E-03	1.76E-05	8.47E-03	0.012525	3.84E-03	2.24E-05	1.63E-02	2.01E-02
2371	495161.06	3860101.99	0.26546	0.25174	0.29001	3.95E-03	1.78E-05	7.54E-03	0.011514	4.04E-03	1.75E-05	8.39E-03	0.012447	3.84E-03	2.22E-05	1.61E-02	2.00E-02
2372	495211.06	3860101.99	0.26506	0.24938	0.28771	3.95E-03	1.76E-05	7.49E-03	0.011448	4.03E-03	1.73E-05	8.33E-03	0.012374	3.83E-03	2.20E-05	1.60E-02	1.98E-02
2373	495261.06	3860101.99	0.26382	0.24937	0.28705	3.93E-03	1.76E-05	7.47E-03	0.011412	4.01E-03	1.73E-05	8.31E-03	0.012336	3.81E-03	2.20E-05	1.60E-02	1.98E-02
2374	495311.06	3860101.99	0.26371	0.24925	0.28698	3.93E-03	1.76E-05	7.47E-03	0.011409	4.01E-03	1.73E-05	8.30E-03	0.012332	3.81E-03	2.20E-05	1.59E-02	1.98E-02
2375	495361.06	3860101.99	0.26235	0.24878	0.28587	3.91E-03	1.76E-05	7.44E-03	0.01136	3.99E-03	1.73E-05	8.27E-03	0.01228	3.79E-03	2.20E-05	1.59E-02	1.97E-02
2376	495411.06	3860101.99	0.25992	0.25035	0.28478	3.87E-03	1.77E-05	7.41E-03	0.011295	3.95E-03	1.74E-05	8.24E-03	0.012211	3.76E-03	2.21E-05	1.58E-02	1.96E-02
2377	495461.06	3860101.99	0.25746	0.25235	0.28365	3.83E-03	1.78E-05	7.38E-03	0.011229	3.92E-03	1.75E-05	8.21E-03	0.012141	3.72E-03	2.23E-05	1.58E-02	1.95E-02
2378	495511.06	3860101.99	0.25496	0.25369	0.28347	3.80E-03	1.79E-05	7.37E-03	0.011188	3.88E-03	1.76E-05	8.20E-03	0.012098	3.68E-03	2.24E-05	1.58E-02	1.95E-02
2379	495561.06	3860101.99	0.25271	0.25189	0.28229	3.76E-03	1.78E-05	7.34E-03	0.011123	3.84E-03	1.75E-05	8.17E-03	0.01203	3.65E-03	2.22E-05	1.57E-02	1.94E-02
2380	495611.06	3860101.99	0.25049	0.25338	0.27996	3.73E-03	1.79E-05	7.28E-03	0.01103	3.81E-03	1.76E-05	8.10E-03	0.011929	3.62E-03	2.24E-05	1.56E-02	1.92E-02
2381	495661.06	3860101.99	0.24848	0.25297	0.27897	3.70E-03	1.79E-05	7.26E-03	0.010974	3.78E-03	1.76E-05	8.07E-03	0.011869	3.59E-03	2.23E-05	1.55E-02	1.91E-02
2382	494861.06	3860151.99	0.26797	0.25762	0.29852	3.99E-03	1.82E-05	7.77E-03	0.011773	4.08E-03	1.79E-05	8.64E-03	0.012732	3.87E-03	2.27E-05	1.66E-02	2.05E-02
2383	494911.06	3860151.99	0.26973	0.25892	0.29817	4.01E-03	1.83E-05	7.76E-03	0.01179	4.10E-03	1.80E-05	8.63E-03	0.012749	3.90E-03	2.28E-05	1.66E-02	2.05E-02
2384	494961.06	3860151.99	0.26788	0.25793	0.29627	3.99E-03	1.82E-05	7.71E-03	0.011713	4.07E-03	1.79E-05	8.57E-03	0.012665	3.87E-03	2.28E-05	1.65E-02	2.04E-02
2385	495011.06	3860151.99	0.26635	0.25303	0.29543	3.96E-03	1.79E-05	7.69E-03	0.011668	4.05E-03	1.76E-05	8.55E-03	0.012617	3.85E-03	2.23E-05	1.64E-02	2.03E-02
2386	495061.06	3860151.99	0.26449	0.2492	0.29463	3.94E-03	1.76E-05	7.67E-03	0.01162	4.02E-03	1.73E-05	8.53E-03	0.012566	3.82E-03	2.20E-05	1.64E-02	2.02E-02
2387	495111.06	3860151.99	0.26223	0.248	0.29188	3.90E-03	1.75E-05	7.59E-03	0.011514	3.99E-03	1.72E-05	8.45E-03	0.012452	3.79E-03	2.19E-05	1.62E-02	2.00E-02
2388	495161.06	3860151.99	0.26132	0.24919	0.2906	3.89E-03	1.76E-05	7.56E-03	0.011468	3.97E-03	1.73E-05	8.41E-03	0.012401	3.78E-03	2.20E-05	1.61E-02	1.99E-02
2389	495211.06	3860151.99	0.26097	0.25153	0.28987	3.88E-03	1.78E-05	7.54E-03	0.011443	3.97E-03	1.75E-05	8.39E-03	0.012375	3.77E-03	2.22E-05	1.61E-02	1.99E-02
2390	495261.06	3860151.99	0.26117	0.25052	0.2875	3.89E-03	1.77E-05	7.48E-03	0.011385	3.97E-03	1.74E-05	8.32E-03	0.012309	3.77E-03	2.21E-05	1.60E-02	1.98E-02
2391	495311.06	3860151.99	0.26113	0.24714	0.28504	3.89E-03	1.75E-05	7.42E-03	0.01132	3.97E-03	1.72E-05	8.25E-03	0.012237	3.77E-03	2.18E-05	1.58E-02	1.96E-02
2392	495361.06	3860151.99	0.26003	0.24337	0.28333	3.87E-03	1.72E-05	7.37E-03	0.011259	3.95E-03	1.69E-05	8.20E-03	0.01217	3.76E-03	2.15E-05	1.57E-02	1.95E-02
2393	495411.06	3860151.99	0.25902	0.24459	0.28303	3.86E-03	1.73E-05	7.36E-03	0.011236	3.94E-03	1.70E-05	8.19E-03	0.012147	3.74E-03	2.16E-05	1.57E-02	1.95E-02

2394	495461.06	3860151.99	0.25926	0.24466	0.2831	3.86E-03	1.73E-05	7.37E-03	0.011241	3.94E-03	1.70E-05	8.19E-03	0.012152	3.75E-03	2.16E-05	1.57E-02	1.95E-02
2395	495511.06	3860151.99	0.25719	0.24566	0.28214	3.83E-03	1.73E-05	7.34E-03	0.011186	3.91E-03	1.71E-05	8.16E-03	0.012093	3.72E-03	2.17E-05	1.57E-02	1.94E-02
2396	495561.06	3860151.99	0.2545	0.24835	0.28032	3.79E-03	1.75E-05	7.29E-03	0.011098	3.87E-03	1.73E-05	8.11E-03	0.012	3.68E-03	2.19E-05	1.56E-02	1.93E-02
2397	495611.06	3860151.99	0.25214	0.24937	0.279	3.75E-03	1.76E-05	7.26E-03	0.011029	3.83E-03	1.73E-05	8.07E-03	0.011926	3.64E-03	2.20E-05	1.55E-02	1.92E-02
2398	495661.06	3860151.99	0.2502	0.24692	0.27906	3.72E-03	1.74E-05	7.26E-03	0.011002	3.81E-03	1.72E-05	8.08E-03	0.011898	3.62E-03	2.18E-05	1.55E-02	1.91E-02
2399	495718.25	3859442.96	0.19182	0.21704	0.21486	2.86E-03	1.53E-05	5.59E-03	0.00846	2.92E-03	1.51E-05	6.22E-03	0.00915	2.77E-03	1.92E-05	1.19E-02	1.47E-02
2400	495818.25	3859442.96	0.18801	0.21203	0.20948	2.80E-03	1.50E-05	5.45E-03	0.008263	2.86E-03	1.47E-05	6.06E-03	0.008936	2.72E-03	1.87E-05	1.16E-02	1.44E-02
2401	495918.25	3859442.96	0.18556	0.21021	0.20621	2.76E-03	1.48E-05	5.36E-03	0.008142	2.82E-03	1.46E-05	5.97E-03	0.008804	2.68E-03	1.85E-05	1.15E-02	1.42E-02
2402	496018.25	3859442.96	0.18337	0.20648	0.20403	2.73E-03	1.46E-05	5.31E-03	0.008052	2.79E-03	1.44E-05	5.90E-03	0.008707	2.65E-03	1.82E-05	1.13E-02	1.40E-02
2403	496118.25	3859442.96	0.18718	0.21329	0.20681	2.79E-03	1.51E-05	5.38E-03	0.008182	2.85E-03	1.48E-05	5.98E-03	0.008846	2.70E-03	1.88E-05	1.15E-02	1.42E-02
2404	496218.25	3859442.96	0.19034	0.21133	0.20891	2.83E-03	1.49E-05	5.43E-03	0.008283	2.89E-03	1.47E-05	6.05E-03	0.008955	2.75E-03	1.86E-05	1.16E-02	1.44E-02
2405	496318.25	3859442.96	0.18947	0.21074	0.20696	2.82E-03	1.49E-05	5.38E-03	0.008219	2.88E-03	1.46E-05	5.99E-03	0.008885	2.74E-03	1.86E-05	1.15E-02	1.43E-02
2406	496418.25	3859442.96	0.18824	0.20814	0.20373	2.80E-03	1.47E-05	5.30E-03	0.008117	2.86E-03	1.45E-05	5.90E-03	0.008773	2.72E-03	1.84E-05	1.13E-02	1.41E-02
2407	495718.25	3859542.96	0.20172	0.22913	0.22809	3.00E-03	1.62E-05	5.93E-03	0.008953	3.07E-03	1.59E-05	6.60E-03	0.009684	2.91E-03	2.02E-05	1.27E-02	1.56E-02
2408	495818.25	3859542.96	0.19817	0.22442	0.22425	2.95E-03	1.58E-05	5.83E-03	0.0088	3.01E-03	1.56E-05	6.49E-03	0.009519	2.86E-03	1.98E-05	1.25E-02	1.53E-02
2409	495918.25	3859542.96	0.19384	0.22437	0.21853	2.89E-03	1.58E-05	5.69E-03	0.008586	2.95E-03	1.56E-05	6.32E-03	0.009287	2.80E-03	1.98E-05	1.21E-02	1.50E-02
2410	496018.25	3859542.96	0.19107	0.22314	0.21514	2.84E-03	1.58E-05	5.60E-03	0.008457	2.91E-03	1.55E-05	6.23E-03	0.009147	2.76E-03	1.97E-05	1.20E-02	1.47E-02
2411	496118.25	3859542.96	0.19482	0.22582	0.219	2.90E-03	1.59E-05	5.70E-03	0.008613	2.96E-03	1.57E-05	6.34E-03	0.009316	2.82E-03	1.99E-05	1.22E-02	1.50E-02
2412	496218.25	3859542.96	0.1977	0.2287	0.22034	2.94E-03	1.61E-05	5.73E-03	0.008691	3.01E-03	1.59E-05	6.38E-03	0.009399	2.86E-03	2.02E-05	1.22E-02	1.51E-02
2413	496318.25	3859542.96	0.19899	0.2258	0.2192	2.96E-03	1.59E-05	5.70E-03	0.008681	3.03E-03	1.57E-05	6.34E-03	0.009385	2.88E-03	1.99E-05	1.22E-02	1.51E-02
2414	496418.25	3859542.96	0.19638	0.22111	0.21532	2.92E-03	1.56E-05	5.60E-03	0.00854	2.99E-03	1.54E-05	6.23E-03	0.009233	2.84E-03	1.95E-05	1.20E-02	1.48E-02
2415	495718.25	3859642.96	0.21289	0.24524	0.23896	3.17E-03	1.73E-05	6.22E-03	0.009403	3.24E-03	1.70E-05	6.91E-03	0.01017	3.08E-03	2.16E-05	1.33E-02	1.64E-02
2416	495818.25	3859642.96	0.20803	0.24011	0.23428	3.10E-03	1.70E-05	6.09E-03	0.009208	3.16E-03	1.67E-05	6.78E-03	0.00996	3.01E-03	2.12E-05	1.30E-02	1.60E-02
2417	495918.25	3859642.96	0.20473	0.23661	0.23233	3.05E-03	1.67E-05	6.04E-03	0.009108	3.11E-03	1.64E-05	6.72E-03	0.009853	2.96E-03	2.09E-05	1.29E-02	1.59E-02
2418	496018.25	3859642.96	0.20091	0.22858	0.22688	2.99E-03	1.61E-05	5.90E-03	0.008909	3.06E-03	1.59E-05	6.57E-03	0.009637	2.90E-03	2.02E-05	1.26E-02	1.55E-02
2419	496118.25	3859642.96	0.20623	0.23424	0.23097	3.07E-03	1.65E-05	6.01E-03	0.009095	3.14E-03	1.63E-05	6.68E-03	0.009836	2.98E-03	2.07E-05	1.28E-02	1.58E-02
2420	496218.25	3859642.96	0.20853	0.23895	0.23297	3.10E-03	1.69E-05	6.06E-03	0.009182	3.17E-03	1.66E-05	6.74E-03	0.00993	3.01E-03	2.11E-05	1.29E-02	1.60E-02
2421	496318.25	3859642.96	0.20629	0.24034	0.2286	3.07E-03	1.70E-05	5.95E-03	0.009035	3.14E-03	1.67E-05	6.62E-03	0.009769	2.98E-03	2.12E-05	1.27E-02	1.57E-02
2422	496418.25	3859642.96	0.19214	0.22632	0.21295	2.86E-03	1.60E-05	5.54E-03	0.008416	2.92E-03	1.57E-05	6.16E-03	0.0091	2.78E-03	2.00E-05	1.18E-02	1.46E-02
2423	495718.25	3859742.96	0.22891	0.26022	0.24795	3.41E-03	1.84E-05	6.45E-03	0.009876	3.48E-03	1.81E-05	7.18E-03	0.010675	3.31E-03	2.30E-05	1.38E-02	1.71E-02
2424	495818.25	3859742.96	0.2221	0.25818	0.24068	3.31E-03	1.82E-05	6.26E-03	0.009586	3.38E-03	1.79E-05	6.96E-03	0.01036	3.21E-03	2.28E-05	1.34E-02	1.66E-02
2425	495918.25	3859742.96	0.21756	0.24904	0.23757	3.24E-03	1.76E-05	6.18E-03	0.009437	3.31E-03	1.73E-05	6.87E-03	0.010201	3.14E-03	2.20E-05	1.32E-02	1.64E-02
2426	496018.25	3859742.96	0.21239	0.24455	0.23442	3.16E-03	1.73E-05	6.10E-03	0.009277	3.23E-03	1.70E-05	6.78E-03	0.010031	3.07E-03	2.16E-05	1.30E-02	1.61E-02
2427	496118.25	3859742.96	0.21413	0.24227	0.23785	3.19E-03	1.71E-05	6.19E-03	0.009392	3.26E-03	1.68E-05	6.88E-03	0.010156	3.09E-03	2.14E-05	1.32E-02	1.63E-02
2428	496218.25	3859742.96	0.21859	0.24477	0.24171	3.25E-03	1.73E-05	6.29E-03	0.009559	3.32E-03	1.70E-05	6.99E-03	0.010336	3.16E-03	2.16E-05	1.34E-02	1.66E-02
2429	496318.25	3859742.96	0.20694	0.23423	0.23004	3.08E-03	1.65E-05	5.98E-03	0.009081	3.15E-03	1.63E-05	6.66E-03	0.00982	2.99E-03	2.07E-05	1.28E-02	1.58E-02
2430	496418.25	3859742.96	0.19575	0.22824	0.21873	2.91E-03	1.61E-05	5.69E-03	0.00862	2.98E-03	1.59E-05	6.33E-03	0.009322	2.83E-03	2.01E-05	1.22E-02	1.50E-02
2431	495718.25	3859842.96	0.23471	0.26767	0.25561	3.49E-03	1.89E-05	6.65E-03	0.010162	3.57E-03	1.86E-05	7.40E-03	0.010985	3.39E-03	2.36E-05	1.42E-02	1.76E-02
2432	495818.25	3859842.96	0.23267	0.26518	0.25217	3.46E-03	1.87E-05	6.56E-03	0.010042	3.54E-03	1.84E-05	7.30E-03	0.010854	3.36E-03	2.34E-05	1.40E-02	1.74E-02
2433	495918.25	3859842.96	0.22888	0.26267	0.24946	3.41E-03	1.85E-05	6.49E-03	0.009915	3.48E-03	1.83E-05	7.22E-03	0.010718	3.31E-03	2.32E-05	1.39E-02	1.72E-02
2434	496018.25	3859842.96	0.22689	0.25744	0.24693	3.38E-03	1.82E-05	6.42E-03	0.009819	3.45E-03	1.79E-05	7.15E-03	0.010614	3.28E-03	2.27E-05	1.37E-02	1.70E-02
2435	496118.25	3859842.96	0.22863	0.25872	0.24789	3.40E-03	1.83E-05	6.45E-03	0.00987	3.48E-03	1.80E-05	7.17E-03	0.010668	3.30E-03	2.28E-05	1.38E-02	1.71E-02
2436	496218.25	3859842.96	0.21964	0.25248	0.2376	3.27E-03	1.78E-05	6.18E-03	0.009468	3.34E-03	1.75E-05	6.88E-03	0.010234	3.17E-03	2.23E-05	1.32E-02	1.64E-02
2437	496318.25	3859842.96	0.20131	0.23167	0.21577	3.00E-03	1.64E-05	5.61E-03	0.008626	3.06E-03	1.61E-05	6.24E-03	0.009322	2.91E-03	2.04E-05	1.20E-02	1.49E-02
2438	496418.25	3859842.96	0.18799	0.21368	0.20109	2.80E-03	1.51E-05	5.23E-03	0.008045	2.86E-03	1.49E-05	5.82E-03	0.008693	2.72E-03	1.89E-05	1.12E-02	1.39E-02
2439	495718.25	3859942.96	0.23965	0.26282	0.25903	3.57E-03	1.86E-05	6.74E-03	0.010325	3.64E-03	1.83E-05	7.50E-03	0.011159	3.46E-03	2.32E-05	1.44E-02	1.79E-02
2440	495818.25	3859942.96	0.23627	0.26082	0.25586	3.52E-03	1.84E-05	6.66E-03	0.010192	3.59E-03	1.81E-05	7.40E-03	0.011015	3.41E-03	2.30E-05	1.42E-02	1.77E-02

2441	495918.25	3859942.96	0.23204	0.25631	0.25502	3.45E-03	1.81E-05	6.63E-03	0.010107	3.53E-03	1.78E-05	7.38E-03	0.010926	3.35E-03	2.26E-05	1.42E-02	1.75E-02
2442	496018.25	3859942.96	0.23379	0.2617	0.25712	3.48E-03	1.85E-05	6.69E-03	0.010188	3.56E-03	1.82E-05	7.44E-03	0.011014	3.38E-03	2.31E-05	1.43E-02	1.77E-02
2443	496118.25	3859942.96	0.22857	0.25883	0.25046	3.40E-03	1.83E-05	6.52E-03	0.009936	3.48E-03	1.80E-05	7.25E-03	0.010742	3.30E-03	2.28E-05	1.39E-02	1.72E-02
2444	496218.25	3859942.96	0.21828	0.24941	0.23889	3.25E-03	1.76E-05	6.21E-03	0.009482	3.32E-03	1.73E-05	6.91E-03	0.01025	3.15E-03	2.20E-05	1.33E-02	1.65E-02
2445	496318.25	3859942.96	0.20538	0.23863	0.22615	3.06E-03	1.68E-05	5.88E-03	0.008957	3.12E-03	1.66E-05	6.54E-03	0.009684	2.97E-03	2.11E-05	1.26E-02	1.56E-02
2446	496418.25	3859942.96	0.18617	0.22283	0.20377	2.77E-03	1.57E-05	5.30E-03	0.008088	2.83E-03	1.55E-05	5.90E-03	0.008743	2.69E-03	1.97E-05	1.13E-02	1.40E-02
2447	496856.82	3858864.83	0.12724	0.13974	0.13344	1.89E-03	9.87E-06	3.47E-03	0.005375	1.94E-03	9.71E-06	3.86E-03	0.005806	1.84E-03	1.23E-05	7.41E-03	9.27E-03
2448	496956.82	3858864.83	0.12588	0.13539	0.13171	1.87E-03	9.56E-06	3.43E-03	0.00531	1.91E-03	9.41E-06	3.81E-03	0.005735	1.82E-03	1.19E-05	7.32E-03	9.15E-03
2449	497056.82	3858864.83	0.12436	0.13311	0.13041	1.85E-03	9.40E-06	3.39E-03	0.005253	1.89E-03	9.25E-06	3.77E-03	0.005674	1.80E-03	1.17E-05	7.25E-03	9.06E-03
2450	497156.82	3858864.83	0.12198	0.12844	0.12867	1.82E-03	9.07E-06	3.35E-03	0.005172	1.86E-03	8.93E-06	3.72E-03	0.005587	1.76E-03	1.13E-05	7.15E-03	8.92E-03
2451	497256.82	3858864.83	0.12216	0.12686	0.12839	1.82E-03	8.96E-06	3.34E-03	0.005167	1.86E-03	8.82E-06	3.72E-03	0.005582	1.77E-03	1.12E-05	7.13E-03	8.91E-03
2452	496856.82	3858964.83	0.13445	0.15067	0.14254	2.00E-03	1.06E-05	3.71E-03	0.00572	2.04E-03	1.05E-05	4.12E-03	0.00618	1.94E-03	1.33E-05	7.92E-03	9.88E-03
2453	496956.82	3858964.83	0.131	0.14708	0.13817	1.95E-03	1.04E-05	3.59E-03	0.005555	1.99E-03	1.02E-05	4.00E-03	0.006001	1.89E-03	1.30E-05	7.68E-03	9.58E-03
2454	497056.82	3858964.83	0.12826	0.14381	0.13539	1.91E-03	1.02E-05	3.52E-03	0.005442	1.95E-03	1.00E-05	3.92E-03	0.005878	1.85E-03	1.27E-05	7.52E-03	9.39E-03
2455	497156.82	3858964.83	0.12591	0.13865	0.1325	1.87E-03	9.79E-06	3.45E-03	0.005331	1.91E-03	9.64E-06	3.83E-03	0.005759	1.82E-03	1.22E-05	7.36E-03	9.19E-03
2456	497256.82	3858964.83	0.12829	0.13865	0.1365	1.91E-03	9.79E-06	3.55E-03	0.005471	1.95E-03	9.64E-06	3.95E-03	0.005911	1.85E-03	1.22E-05	7.58E-03	9.45E-03
2457	496856.82	3859064.83	0.14	0.15731	0.14916	2.08E-03	1.11E-05	3.88E-03	0.005976	2.13E-03	1.09E-05	4.32E-03	0.006456	2.02E-03	1.39E-05	8.29E-03	1.03E-02
2458	496956.82	3859064.83	0.13758	0.15323	0.14622	2.05E-03	1.08E-05	3.80E-03	0.005863	2.09E-03	1.06E-05	4.23E-03	0.006334	1.99E-03	1.35E-05	8.12E-03	1.01E-02
2459	497056.82	3859064.83	0.1351	0.14995	0.14363	2.01E-03	1.06E-05	3.74E-03	0.005758	2.05E-03	1.04E-05	4.16E-03	0.006221	1.95E-03	1.32E-05	7.98E-03	9.95E-03
2460	497156.82	3859064.83	0.13252	0.14764	0.14077	1.97E-03	1.04E-05	3.66E-03	0.005645	2.02E-03	1.03E-05	4.07E-03	0.006099	1.91E-03	1.30E-05	7.82E-03	9.75E-03
2461	497256.82	3859064.83	0.13585	0.15331	0.14754	2.02E-03	1.08E-05	3.84E-03	0.005871	2.07E-03	1.07E-05	4.27E-03	0.006346	1.96E-03	1.35E-05	8.20E-03	1.02E-02
2462	496856.82	3859164.83	0.14343	0.16165	0.15308	2.13E-03	1.14E-05	3.98E-03	0.006129	2.18E-03	1.12E-05	4.43E-03	0.006622	2.07E-03	1.43E-05	8.51E-03	1.06E-02
2463	496956.82	3859164.83	0.13941	0.15653	0.14897	2.08E-03	1.11E-05	3.88E-03	0.005962	2.12E-03	1.09E-05	4.31E-03	0.006442	2.01E-03	1.38E-05	8.28E-03	1.03E-02
2464	497056.82	3859164.83	0.13855	0.15589	0.14797	2.06E-03	1.10E-05	3.85E-03	0.005923	2.11E-03	1.08E-05	4.28E-03	0.0064	2.00E-03	1.38E-05	8.22E-03	1.02E-02
2465	497156.82	3859164.83	0.14138	0.15827	0.15119	2.10E-03	1.12E-05	3.93E-03	0.006049	2.15E-03	1.10E-05	4.38E-03	0.006536	2.04E-03	1.40E-05	8.40E-03	1.05E-02
2466	497256.82	3859164.83	0.14686	0.16424	0.15809	2.19E-03	1.16E-05	4.11E-03	0.00631	2.23E-03	1.14E-05	4.57E-03	0.00682	2.12E-03	1.45E-05	8.78E-03	1.09E-02
2467	496856.82	3859264.83	0.14401	0.15258	0.15434	2.14E-03	1.08E-05	4.02E-03	0.00617	2.19E-03	1.06E-05	4.47E-03	0.006667	2.08E-03	1.35E-05	8.58E-03	1.07E-02
2468	496956.82	3859264.83	0.1448	0.15724	0.15475	2.16E-03	1.11E-05	4.03E-03	0.006192	2.20E-03	1.09E-05	4.48E-03	0.006691	2.09E-03	1.39E-05	8.60E-03	1.07E-02
2469	497056.82	3859264.83	0.14859	0.16257	0.15979	2.21E-03	1.15E-05	4.16E-03	0.00638	2.26E-03	1.13E-05	4.62E-03	0.006895	2.15E-03	1.43E-05	8.88E-03	1.10E-02
2470	497156.82	3859264.83	0.14963	0.16917	0.1618	2.23E-03	1.19E-05	4.21E-03	0.006449	2.28E-03	1.18E-05	4.68E-03	0.00697	2.16E-03	1.49E-05	8.99E-03	1.12E-02
2471	497256.82	3859264.83	0.15546	0.17395	0.16902	2.31E-03	1.23E-05	4.40E-03	0.006723	2.36E-03	1.21E-05	4.89E-03	0.007267	2.25E-03	1.53E-05	9.39E-03	1.17E-02
2472	497088.92	3858620.93	0.11018	0.10816	0.11495	1.64E-03	7.64E-06	2.99E-03	0.004638	1.68E-03	7.52E-06	3.33E-03	0.00501	1.59E-03	9.54E-06	6.39E-03	7.99E-03
2473	497138.92	3858620.93	0.10991	0.10915	0.11518	1.64E-03	7.71E-06	3.00E-03	0.00464	1.67E-03	7.59E-06	3.33E-03	0.005012	1.59E-03	9.63E-06	6.40E-03	8.00E-03
2474	497188.92	3858620.93	0.10925	0.10989	0.11431	1.63E-03	7.76E-06	2.97E-03	0.004608	1.66E-03	7.64E-06	3.31E-03	0.004977	1.58E-03	9.70E-06	6.35E-03	7.94E-03
2475	497238.92	3858620.93	0.10864	0.1092	0.11358	1.62E-03	7.71E-06	2.95E-03	0.00458	1.65E-03	7.59E-06	3.29E-03	0.004947	1.57E-03	9.64E-06	6.31E-03	7.89E-03
2476	497088.92	3858670.93	0.11211	0.11329	0.11704	1.67E-03	8.00E-06	3.04E-03	0.004722	1.71E-03	7.87E-06	3.39E-03	0.0051	1.62E-03	1.00E-05	6.50E-03	8.13E-03
2477	497138.92	3858670.93	0.11265	0.11407	0.11772	1.68E-03	8.05E-06	3.06E-03	0.004747	1.71E-03	7.93E-06	3.41E-03	0.005128	1.63E-03	1.01E-05	6.54E-03	8.18E-03
2478	497188.92	3858670.93	0.1116	0.11243	0.11638	1.66E-03	7.94E-06	3.03E-03	0.004697	1.70E-03	7.81E-06	3.37E-03	0.005073	1.61E-03	9.92E-06	6.47E-03	8.09E-03
2479	497238.92	3858670.93	0.11146	0.11177	0.11619	1.66E-03	7.89E-06	3.02E-03	0.00469	1.70E-03	7.77E-06	3.36E-03	0.005065	1.61E-03	9.86E-06	6.46E-03	8.08E-03
2480	497088.92	3858720.93	0.11608	0.11804	0.12149	1.73E-03	8.33E-06	3.16E-03	0.004897	1.77E-03	8.20E-06	3.52E-03	0.005289	1.68E-03	1.04E-05	6.75E-03	8.44E-03
2481	497138.92	3858720.93	0.11267	0.11373	0.11819	1.68E-03	8.03E-06	3.07E-03	0.00476	1.71E-03	7.90E-06	3.42E-03	0.005142	1.63E-03	1.00E-05	6.57E-03	8.21E-03
2482	497188.92	3858720.93	0.1119	0.11313	0.11757	1.67E-03	7.99E-06	3.06E-03	0.004732	1.70E-03	7.86E-06	3.40E-03	0.005112	1.62E-03	9.98E-06	6.53E-03	8.16E-03
2483	497238.92	3858720.93	0.1139	0.11491	0.1196	1.70E-03	8.11E-06	3.11E-03	0.004815	1.73E-03	7.99E-06	3.46E-03	0.005201	1.65E-03	1.01E-05	6.65E-03	8.30E-03
2484	497088.92	3858770.93	0.11744	0.1186	0.12319	1.75E-03	8.37E-06	3.20E-03	0.004961	1.79E-03	8.24E-06	3.56E-03	0.005359	1.70E-03	1.05E-05	6.85E-03	8.55E-03
2485	497138.92	3858770.93	0.11649	0.1175	0.12182	1.73E-03	8.30E-06	3.17E-03	0.004911	1.77E-03	8.17E-06	3.53E-03	0.005305	1.68E-03	1.04E-05	6.77E-03	8.46E-03
2486	497188.92	3858770.93	0.1156	0.11604	0.12109	1.72E-03	8.19E-06	3.15E-03	0.004879	1.76E-03	8.07E-06	3.50E-03	0.00527	1.67E-03	1.02E-05	6.73E-03	8.41E-03
2487	497238.92	3858770.93	0.11696	0.11848	0.12202	1.74E-03	8.37E-06	3.17E-03	0.004924	1.78E-03	8.23E-06	3.53E-03	0.005318	1.69E-03	1.05E-05	6.78E-03	8.48E-03

2488	497396.65	3858622.63	0.1159	0.11643	0.12128	1.73E-03	8.22E-06	3.16E-03	0.004889	1.76E-03	8.09E-06	3.51E-03	0.00528	1.67E-03	1.03E-05	6.74E-03	8.42E-03
2489	497496.65	3858622.63	0.11946	0.12106	0.12515	1.78E-03	8.55E-06	3.26E-03	0.005043	1.82E-03	8.41E-06	3.62E-03	0.005447	1.73E-03	1.07E-05	6.95E-03	8.69E-03
2490	497596.65	3858622.63	0.12496	0.12966	0.13265	1.86E-03	9.16E-06	3.45E-03	0.00532	1.90E-03	9.01E-06	3.84E-03	0.005748	1.81E-03	1.14E-05	7.37E-03	9.19E-03
2491	497696.65	3858622.63	0.12755	0.13649	0.13648	1.90E-03	9.64E-06	3.55E-03	0.005459	1.94E-03	9.49E-06	3.95E-03	0.005899	1.84E-03	1.20E-05	7.58E-03	9.44E-03
2492	497796.65	3858622.63	0.1326	0.14397	0.14368	1.97E-03	1.02E-05	3.74E-03	0.005722	2.02E-03	1.00E-05	4.16E-03	0.006184	1.92E-03	1.27E-05	7.98E-03	9.91E-03
2493	497896.65	3858622.63	0.13951	0.15211	0.1509	2.08E-03	1.07E-05	3.93E-03	0.006013	2.12E-03	1.06E-05	4.37E-03	0.006499	2.02E-03	1.34E-05	8.38E-03	1.04E-02
2494	497396.65	3858722.63	0.12054	0.12515	0.12613	1.79E-03	8.84E-06	3.28E-03	0.005084	1.83E-03	8.70E-06	3.65E-03	0.005492	1.74E-03	1.10E-05	7.01E-03	8.76E-03
2495	497496.65	3858722.63	0.12401	0.12863	0.13021	1.85E-03	9.08E-06	3.39E-03	0.005242	1.89E-03	8.94E-06	3.77E-03	0.005663	1.79E-03	1.13E-05	7.24E-03	9.04E-03
2496	497596.65	3858722.63	0.12937	0.13708	0.1404	1.93E-03	9.68E-06	3.65E-03	0.005588	1.97E-03	9.53E-06	4.06E-03	0.00604	1.87E-03	1.21E-05	7.80E-03	9.68E-03
2497	497696.65	3858722.63	0.13427	0.14482	0.14655	2.00E-03	1.02E-05	3.81E-03	0.005821	2.04E-03	1.01E-05	4.24E-03	0.006293	1.94E-03	1.28E-05	8.14E-03	1.01E-02
2498	497796.65	3858722.63	0.13813	0.14868	0.15048	2.06E-03	1.05E-05	3.91E-03	0.005981	2.10E-03	1.03E-05	4.35E-03	0.006466	2.00E-03	1.31E-05	8.36E-03	1.04E-02
2499	497896.65	3858722.63	0.14411	0.15517	0.15495	2.15E-03	1.10E-05	4.03E-03	0.006187	2.19E-03	1.08E-05	4.48E-03	0.006686	2.08E-03	1.37E-05	8.61E-03	1.07E-02
2500	497396.65	3858822.63	0.12433	0.13112	0.13148	1.85E-03	9.26E-06	3.42E-03	0.00528	1.89E-03	9.11E-06	3.80E-03	0.005705	1.80E-03	1.16E-05	7.31E-03	9.11E-03
2501	497496.65	3858822.63	0.12685	0.13403	0.13522	1.89E-03	9.46E-06	3.52E-03	0.005415	1.93E-03	9.32E-06	3.91E-03	0.005851	1.83E-03	1.18E-05	7.51E-03	9.36E-03
2502	497596.65	3858822.63	0.13408	0.14576	0.14512	2.00E-03	1.03E-05	3.78E-03	0.005781	2.04E-03	1.01E-05	4.20E-03	0.006249	1.94E-03	1.29E-05	8.06E-03	1.00E-02
2503	497696.65	3858822.63	0.14079	0.15097	0.15117	2.10E-03	1.07E-05	3.93E-03	0.006039	2.14E-03	1.05E-05	4.37E-03	0.006526	2.03E-03	1.33E-05	8.40E-03	1.04E-02
2504	497796.65	3858822.63	0.14396	0.15479	0.15464	2.14E-03	1.09E-05	4.02E-03	0.006177	2.19E-03	1.08E-05	4.47E-03	0.006675	2.08E-03	1.37E-05	8.59E-03	1.07E-02
2505	497896.65	3858822.63	0.15278	0.16873	0.1625	2.27E-03	1.19E-05	4.23E-03	0.006514	2.32E-03	1.17E-05	4.70E-03	0.007038	2.21E-03	1.49E-05	9.03E-03	1.13E-02
2506	497396.65	3858922.63	0.12948	0.14063	0.1364	1.93E-03	9.93E-06	3.55E-03	0.005486	1.97E-03	9.77E-06	3.95E-03	0.005926	1.87E-03	1.24E-05	7.58E-03	9.46E-03
2507	497496.65	3858922.63	0.13744	0.15244	0.14725	2.05E-03	1.08E-05	3.83E-03	0.005887	2.09E-03	1.06E-05	4.26E-03	0.006362	1.99E-03	1.35E-05	8.18E-03	1.02E-02
2508	497596.65	3858922.63	0.13845	0.15043	0.14798	2.06E-03	1.06E-05	3.85E-03	0.005921	2.11E-03	1.05E-05	4.28E-03	0.006398	2.00E-03	1.33E-05	8.22E-03	1.02E-02
2509	497696.65	3858922.63	0.14785	0.1585	0.15833	2.20E-03	1.12E-05	4.12E-03	0.006331	2.25E-03	1.10E-05	4.58E-03	0.006841	2.14E-03	1.40E-05	8.80E-03	1.09E-02
2510	497796.65	3858922.63	0.15408	0.16607	0.16496	2.29E-03	1.17E-05	4.29E-03	0.006597	2.34E-03	1.15E-05	4.77E-03	0.007128	2.23E-03	1.47E-05	9.17E-03	1.14E-02
2511	497896.65	3858922.63	0.16329	0.18047	0.17478	2.43E-03	1.27E-05	4.55E-03	0.00699	2.48E-03	1.25E-05	5.06E-03	0.007554	2.36E-03	1.59E-05	9.71E-03	1.21E-02
2512	497364.44	3858201.52	0.10564	0.11206	0.1082	1.57E-03	7.91E-06	2.81E-03	0.004395	1.61E-03	7.79E-06	3.13E-03	0.004745	1.53E-03	9.89E-06	6.01E-03	7.55E-03
2513	497414.44	3858201.52	0.10686	0.11339	0.10987	1.59E-03	8.01E-06	2.86E-03	0.004457	1.63E-03	7.88E-06	3.18E-03	0.004812	1.54E-03	1.00E-05	6.11E-03	7.66E-03
2514	497464.44	3858201.52	0.10794	0.11501	0.11119	1.61E-03	8.12E-06	2.89E-03	0.004507	1.64E-03	7.99E-06	3.22E-03	0.004867	1.56E-03	1.01E-05	6.18E-03	7.75E-03
2515	497514.44	3858201.52	0.10839	0.11657	0.11191	1.61E-03	8.23E-06	2.91E-03	0.004533	1.65E-03	8.10E-06	3.24E-03	0.004895	1.57E-03	1.03E-05	6.22E-03	7.79E-03
2516	497564.44	3858201.52	0.10801	0.11606	0.11158	1.61E-03	8.19E-06	2.90E-03	0.004519	1.64E-03	8.07E-06	3.23E-03	0.00488	1.56E-03	1.02E-05	6.20E-03	7.77E-03
2517	497614.44	3858201.52	0.10819	0.11706	0.1121	1.61E-03	8.27E-06	2.92E-03	0.004535	1.65E-03	8.14E-06	3.24E-03	0.004897	1.56E-03	1.03E-05	6.23E-03	7.80E-03
2518	497364.44	3858251.52	0.10757	0.11314	0.11046	1.60E-03	7.99E-06	2.87E-03	0.004483	1.64E-03	7.86E-06	3.20E-03	0.00484	1.55E-03	9.98E-06	6.14E-03	7.70E-03
2519	497414.44	3858251.52	0.10948	0.11643	0.11255	1.63E-03	8.22E-06	2.93E-03	0.004566	1.67E-03	8.09E-06	3.26E-03	0.00493	1.58E-03	1.03E-05	6.25E-03	7.85E-03
2520	497464.44	3858251.52	0.10864	0.11576	0.11161	1.62E-03	8.17E-06	2.90E-03	0.004529	1.65E-03	8.05E-06	3.23E-03	0.00489	1.57E-03	1.02E-05	6.20E-03	7.78E-03
2521	497514.44	3858251.52	0.10755	0.1153	0.1104	1.60E-03	8.14E-06	2.87E-03	0.004481	1.64E-03	8.01E-06	3.19E-03	0.004838	1.55E-03	1.02E-05	6.13E-03	7.70E-03
2522	497564.44	3858251.52	0.10729	0.11546	0.1102	1.60E-03	8.15E-06	2.87E-03	0.004472	1.63E-03	8.02E-06	3.19E-03	0.004829	1.55E-03	1.02E-05	6.12E-03	7.68E-03
2523	497614.44	3858251.52	0.10703	0.11522	0.11003	1.59E-03	8.14E-06	2.86E-03	0.004464	1.63E-03	8.01E-06	3.18E-03	0.00482	1.55E-03	1.02E-05	6.11E-03	7.67E-03
2524	497364.44	3858301.52	0.10839	0.114	0.11118	1.61E-03	8.05E-06	2.89E-03	0.004514	1.65E-03	7.92E-06	3.22E-03	0.004874	1.57E-03	1.01E-05	6.18E-03	7.75E-03
2525	497414.44	3858301.52	0.10971	0.11684	0.11304	1.63E-03	8.25E-06	2.94E-03	0.004582	1.67E-03	8.12E-06	3.27E-03	0.004948	1.59E-03	1.03E-05	6.28E-03	7.88E-03
2526	497464.44	3858301.52	0.10859	0.11519	0.11158	1.62E-03	8.13E-06	2.90E-03	0.004527	1.65E-03	8.01E-06	3.23E-03	0.004888	1.57E-03	1.02E-05	6.20E-03	7.78E-03
2527	497514.44	3858301.52	0.10794	0.11448	0.1107	1.61E-03	8.08E-06	2.88E-03	0.004495	1.64E-03	7.96E-06	3.20E-03	0.004853	1.56E-03	1.01E-05	6.15E-03	7.72E-03
2528	497564.44	3858301.52	0.10678	0.11345	0.10929	1.59E-03	8.01E-06	2.84E-03	0.004441	1.62E-03	7.89E-06	3.16E-03	0.004794	1.54E-03	1.00E-05	6.07E-03	7.63E-03
2529	497614.44	3858301.52	0.10642	0.11351	0.10901	1.58E-03	8.01E-06	2.84E-03	0.004428	1.62E-03	7.89E-06	3.15E-03	0.004781	1.54E-03	1.00E-05	6.06E-03	7.61E-03
2530	497364.44	3858351.52	0.10946	0.11364	0.1129	1.63E-03	8.02E-06	2.94E-03	0.004575	1.66E-03	7.90E-06	3.27E-03	0.00494	1.58E-03	1.00E-05	6.27E-03	7.87E-03
2531	497414.44	3858351.52	0.10876	0.11287	0.11206	1.62E-03	7.97E-06	2.92E-03	0.004542	1.65E-03	7.84E-06	3.24E-03	0.004905	1.57E-03	9.96E-06	6.23E-03	7.81E-03
2532	497464.44	3858351.52	0.1086	0.11306	0.1119	1.62E-03	7.98E-06	2.91E-03	0.004536	1.65E-03	7.86E-06	3.24E-03	0.004898	1.57E-03	9.98E-06	6.22E-03	7.80E-03
2533	497514.44	3858351.52	0.10805	0.11314	0.11126	1.61E-03	7.99E-06	2.89E-03	0.004511	1.64E-03	7.86E-06	3.22E-03	0.004871	1.56E-03	9.98E-06	6.18E-03	7.75E-03
2534	497564.44	3858351.52	0.10646	0.11204	0.10939	1.58E-03	7.91E-06	2.85E-03	0.004438	1.62E-03	7.79E-06	3.17E-03	0.004792	1.54E-03	9.89E-06	6.08E-03	7.63E-03

2535	497614.44	3858351.52	0.10623	0.11267	0.10915	1.58E-03	7.96E-06	2.84E-03	0.004429	1.62E-03	7.83E-06	3.16E-03	0.004782	1.54E-03	9.94E-06	6.07E-03	7.61E-03
2536	497364.44	3858401.52	0.10803	0.1139	0.11233	1.61E-03	8.04E-06	2.92E-03	0.004538	1.64E-03	7.92E-06	3.25E-03	0.004901	1.56E-03	1.00E-05	6.24E-03	7.81E-03
2537	497414.44	3858401.52	0.10831	0.11378	0.11241	1.61E-03	8.03E-06	2.92E-03	0.004545	1.65E-03	7.91E-06	3.25E-03	0.004908	1.57E-03	1.00E-05	6.25E-03	7.82E-03
2538	497464.44	3858401.52	0.10743	0.11285	0.11155	1.60E-03	7.97E-06	2.90E-03	0.004509	1.63E-03	7.84E-06	3.23E-03	0.00487	1.55E-03	9.96E-06	6.20E-03	7.76E-03
2539	497514.44	3858401.52	0.1071	0.11224	0.11124	1.59E-03	7.93E-06	2.89E-03	0.004496	1.63E-03	7.80E-06	3.22E-03	0.004856	1.55E-03	9.90E-06	6.18E-03	7.74E-03
2540	497564.44	3858401.52	0.10895	0.11407	0.11307	1.62E-03	8.05E-06	2.94E-03	0.004571	1.66E-03	7.93E-06	3.27E-03	0.004937	1.57E-03	1.01E-05	6.28E-03	7.87E-03
2541	497614.44	3858401.52	0.11025	0.11517	0.11427	1.64E-03	8.13E-06	2.97E-03	0.004622	1.68E-03	8.00E-06	3.31E-03	0.004991	1.59E-03	1.02E-05	6.35E-03	7.95E-03
2542	493478.11	3860497.94	0.30149	0.29996	0.35532	4.49E-03	2.12E-05	9.24E-03	0.013753	4.59E-03	2.08E-05	1.03E-02	0.014888	4.36E-03	2.65E-05	1.97E-02	2.41E-02
2543	493528.11	3860497.94	0.29873	0.29807	0.35115	4.45E-03	2.10E-05	9.14E-03	0.013603	4.54E-03	2.07E-05	1.02E-02	0.014725	4.32E-03	2.63E-05	1.95E-02	2.39E-02
2544	493478.11	3860547.94	0.30129	0.30488	0.35088	4.48E-03	2.15E-05	9.13E-03	0.013635	4.58E-03	2.12E-05	1.02E-02	0.014757	4.35E-03	2.69E-05	1.95E-02	2.39E-02
2545	493528.11	3860547.94	0.29857	0.30004	0.35061	4.44E-03	2.12E-05	9.12E-03	0.013587	4.54E-03	2.09E-05	1.01E-02	0.014707	4.31E-03	2.65E-05	1.95E-02	2.38E-02
2546	493478.11	3860597.94	0.29497	0.30476	0.35014	4.39E-03	2.15E-05	9.11E-03	0.013521	4.49E-03	2.12E-05	1.01E-02	0.014639	4.26E-03	2.69E-05	1.95E-02	2.37E-02
2547	493528.11	3860597.94	0.29538	0.30139	0.3477	4.40E-03	2.13E-05	9.05E-03	0.013464	4.49E-03	2.09E-05	1.01E-02	0.014575	4.27E-03	2.66E-05	1.93E-02	2.36E-02
2548	493561.88	3860524.64	0.29641	0.29613	0.34909	4.41E-03	2.09E-05	9.08E-03	0.013515	4.51E-03	2.06E-05	1.01E-02	0.01463	4.28E-03	2.61E-05	1.94E-02	2.37E-02
2549	493591.88	3860524.64	0.2947	0.29528	0.34683	4.39E-03	2.08E-05	9.02E-03	0.01343	4.48E-03	2.05E-05	1.00E-02	0.014539	4.26E-03	2.61E-05	1.93E-02	2.36E-02
2550	493561.88	3860554.64	0.2964	0.29713	0.34899	4.41E-03	2.10E-05	9.08E-03	0.013512	4.51E-03	2.07E-05	1.01E-02	0.014627	4.28E-03	2.62E-05	1.94E-02	2.37E-02
2551	493591.88	3860554.64	0.29489	0.29494	0.34775	4.39E-03	2.08E-05	9.05E-03	0.013457	4.48E-03	2.05E-05	1.01E-02	0.014568	4.26E-03	2.60E-05	1.93E-02	2.36E-02
2552	492880.5	3860293.11	0.33524	0.33709	0.38836	4.99E-03	2.38E-05	1.01E-02	0.015117	5.10E-03	2.34E-05	1.12E-02	0.01636	4.84E-03	2.97E-05	2.16E-02	2.65E-02
2553	492930.5	3860293.11	0.33292	0.33395	0.38994	4.96E-03	2.36E-05	1.01E-02	0.015124	5.06E-03	2.32E-05	1.13E-02	0.01637	4.81E-03	2.95E-05	2.17E-02	2.65E-02
2554	492980.5	3860293.11	0.33292	0.33005	0.38858	4.96E-03	2.33E-05	1.01E-02	0.015088	5.06E-03	2.29E-05	1.12E-02	0.016331	4.81E-03	2.91E-05	2.16E-02	2.64E-02
2555	493030.5	3860293.11	0.33596	0.32696	0.38729	5.00E-03	2.31E-05	1.01E-02	0.015099	5.11E-03	2.27E-05	1.12E-02	0.016339	4.85E-03	2.88E-05	2.15E-02	2.64E-02
2556	493080.5	3860293.11	0.33817	0.3238	0.38599	5.03E-03	2.29E-05	1.00E-02	0.015098	5.14E-03	2.25E-05	1.12E-02	0.016335	4.89E-03	2.86E-05	2.14E-02	2.64E-02
2557	493130.5	3860293.11	0.33104	0.32006	0.38011	4.93E-03	2.26E-05	9.89E-03	0.014839	5.03E-03	2.22E-05	1.10E-02	0.016056	4.78E-03	2.82E-05	2.11E-02	2.59E-02
2558	493180.5	3860293.11	0.3252	0.31829	0.37279	4.84E-03	2.25E-05	9.70E-03	0.014561	4.95E-03	2.21E-05	1.08E-02	0.015756	4.70E-03	2.81E-05	2.07E-02	2.54E-02
2559	493230.5	3860293.11	0.32083	0.31728	0.3679	4.78E-03	2.24E-05	9.57E-03	0.014369	4.88E-03	2.21E-05	1.06E-02	0.015548	4.64E-03	2.80E-05	2.04E-02	2.51E-02
2560	493280.5	3860293.11	0.31909	0.31811	0.36621	4.75E-03	2.25E-05	9.53E-03	0.014299	4.85E-03	2.21E-05	1.06E-02	0.015472	4.61E-03	2.81E-05	2.03E-02	2.50E-02
2561	493330.5	3860293.11	0.32058	0.31838	0.36378	4.77E-03	2.25E-05	9.46E-03	0.014258	4.88E-03	2.21E-05	1.05E-02	0.015425	4.63E-03	2.81E-05	2.02E-02	2.49E-02
2562	493380.5	3860293.11	0.31809	0.31805	0.36075	4.73E-03	2.25E-05	9.39E-03	0.014142	4.84E-03	2.21E-05	1.04E-02	0.015299	4.60E-03	2.81E-05	2.00E-02	2.47E-02
2563	492880.5	3860343.11	0.33155	0.33363	0.38266	4.94E-03	2.36E-05	9.96E-03	0.014914	5.04E-03	2.32E-05	1.11E-02	0.016139	4.79E-03	2.94E-05	2.13E-02	2.61E-02
2564	492930.5	3860343.11	0.3296	0.33063	0.38338	4.91E-03	2.33E-05	9.97E-03	0.014903	5.01E-03	2.30E-05	1.11E-02	0.01613	4.76E-03	2.92E-05	2.13E-02	2.61E-02
2565	492980.5	3860343.11	0.3299	0.33299	0.38394	4.91E-03	2.35E-05	9.99E-03	0.014923	5.02E-03	2.31E-05	1.11E-02	0.016151	4.77E-03	2.94E-05	2.13E-02	2.61E-02
2566	493030.5	3860343.11	0.32842	0.33066	0.38381	4.89E-03	2.33E-05	9.99E-03	0.014897	4.99E-03	2.30E-05	1.11E-02	0.016124	4.75E-03	2.92E-05	2.13E-02	2.61E-02
2567	493080.5	3860343.11	0.33331	0.32744	0.38438	4.96E-03	2.31E-05	1.00E-02	0.014984	5.07E-03	2.28E-05	1.11E-02	0.016215	4.82E-03	2.89E-05	2.14E-02	2.62E-02
2568	493130.5	3860343.11	0.32946	0.32166	0.38133	4.90E-03	2.27E-05	9.92E-03	0.014847	5.01E-03	2.24E-05	1.10E-02	0.016068	4.76E-03	2.84E-05	2.12E-02	2.60E-02
2569	493180.5	3860343.11	0.32454	0.31586	0.37567	4.83E-03	2.23E-05	9.77E-03	0.014626	4.94E-03	2.20E-05	1.09E-02	0.015829	4.69E-03	2.79E-05	2.09E-02	2.56E-02
2570	493230.5	3860343.11	0.32125	0.31306	0.37185	4.78E-03	2.21E-05	9.67E-03	0.014478	4.89E-03	2.18E-05	1.08E-02	0.015668	4.64E-03	2.76E-05	2.07E-02	2.53E-02
2571	493280.5	3860343.11	0.31944	0.3119	0.36689	4.75E-03	2.20E-05	9.54E-03	0.014322	4.86E-03	2.17E-05	1.06E-02	0.015497	4.62E-03	2.75E-05	2.04E-02	2.50E-02
2572	493330.5	3860343.11	0.31565	0.31039	0.36261	4.70E-03	2.19E-05	9.43E-03	0.014154	4.80E-03	2.16E-05	1.05E-02	0.015315	4.56E-03	2.74E-05	2.01E-02	2.47E-02
2573	493380.5	3860343.11	0.31212	0.31158	0.35966	4.65E-03	2.20E-05	9.36E-03	0.014025	4.75E-03	2.17E-05	1.04E-02	0.015176	4.51E-03	2.75E-05	2.00E-02	2.45E-02
2574	492880.5	3860393.11	0.3274	0.34014	0.38005	4.87E-03	2.40E-05	9.89E-03	0.014785	4.98E-03	2.36E-05	1.10E-02	0.016001	4.73E-03	3.00E-05	2.11E-02	2.59E-02
2575	492930.5	3860393.11	0.32712	0.33469	0.37606	4.87E-03	2.36E-05	9.78E-03	0.014676	4.98E-03	2.33E-05	1.09E-02	0.015881	4.73E-03	2.95E-05	2.09E-02	2.57E-02
2576	492980.5	3860393.11	0.3262	0.33019	0.3777	4.86E-03	2.33E-05	9.83E-03	0.014705	4.96E-03	2.29E-05	1.09E-02	0.015914	4.71E-03	2.91E-05	2.10E-02	2.57E-02
2577	493030.5	3860393.11	0.32584	0.32782	0.37952	4.85E-03	2.31E-05	9.87E-03	0.014747	4.96E-03	2.28E-05	1.10E-02	0.015961	4.71E-03	2.89E-05	2.11E-02	2.58E-02
2578	493080.5	3860393.11	0.32468	0.32839	0.37972	4.83E-03	2.32E-05	9.88E-03	0.014735	4.94E-03	2.28E-05	1.10E-02	0.015949	4.69E-03	2.90E-05	2.11E-02	2.58E-02
2579	493130.5	3860393.11	0.3222	0.32631	0.3765	4.80E-03	2.30E-05	9.79E-03	0.014614	4.90E-03	2.27E-05	1.09E-02	0.015818	4.66E-03	2.88E-05	2.09E-02	2.56E-02
2580	493180.5	3860393.11	0.31873	0.32043	0.37414	4.74E-03	2.26E-05	9.73E-03	0.0145	4.85E-03	2.23E-05	1.08E-02	0.015696	4.61E-03	2.83E-05	2.08E-02	2.54E-02
2581	493230.5	3860393.11	0.31762	0.31478	0.37196	4.73E-03	2.22E-05	9.68E-03	0.014427	4.83E-03	2.19E-05	1.08E-02	0.015616	4.59E-03	2.78E-05	2.07E-02	2.53E-02

2582	493280.5	3860393.11	0.31828	0.31103	0.36955	4.74E-03	2.20E-05	9.61E-03	0.014374	4.84E-03	2.16E-05	1.07E-02	0.015556	4.60E-03	2.74E-05	2.05E-02	2.52E-02
2583	493330.5	3860393.11	0.31577	0.30905	0.36697	4.70E-03	2.18E-05	9.55E-03	0.014269	4.80E-03	2.15E-05	1.06E-02	0.015443	4.56E-03	2.73E-05	2.04E-02	2.50E-02
2584	493380.5	3860393.11	0.31399	0.306	0.36117	4.67E-03	2.16E-05	9.40E-03	0.014091	4.78E-03	2.13E-05	1.05E-02	0.015248	4.54E-03	2.70E-05	2.01E-02	2.46E-02
2585	492880.5	3860443.11	0.3292	0.33724	0.38324	4.90E-03	2.38E-05	9.97E-03	0.014894	5.01E-03	2.34E-05	1.11E-02	0.01612	4.76E-03	2.98E-05	2.13E-02	2.61E-02
2586	492930.5	3860443.11	0.32621	0.33619	0.37985	4.86E-03	2.37E-05	9.88E-03	0.014761	4.96E-03	2.34E-05	1.10E-02	0.015976	4.71E-03	2.97E-05	2.11E-02	2.59E-02
2587	492980.5	3860443.11	0.32272	0.33597	0.37481	4.80E-03	2.37E-05	9.75E-03	0.014578	4.91E-03	2.34E-05	1.08E-02	0.015778	4.66E-03	2.96E-05	2.08E-02	2.55E-02
2588	493030.5	3860443.11	0.32145	0.33053	0.37087	4.78E-03	2.33E-05	9.65E-03	0.014457	4.89E-03	2.30E-05	1.07E-02	0.015644	4.65E-03	2.92E-05	2.06E-02	2.53E-02
2589	493080.5	3860443.11	0.31976	0.32549	0.37078	4.76E-03	2.30E-05	9.65E-03	0.014429	4.86E-03	2.26E-05	1.07E-02	0.015615	4.62E-03	2.87E-05	2.06E-02	2.53E-02
2590	493130.5	3860443.11	0.31638	0.32276	0.37198	4.71E-03	2.28E-05	9.68E-03	0.014409	4.81E-03	2.24E-05	1.08E-02	0.015598	4.57E-03	2.85E-05	2.07E-02	2.53E-02
2591	493180.5	3860443.11	0.31598	0.31955	0.36934	4.70E-03	2.26E-05	9.61E-03	0.014335	4.81E-03	2.22E-05	1.07E-02	0.015516	4.57E-03	2.82E-05	2.05E-02	2.51E-02
2592	493230.5	3860443.11	0.31586	0.32011	0.36811	4.70E-03	2.26E-05	9.58E-03	0.014301	4.80E-03	2.22E-05	1.07E-02	0.015478	4.56E-03	2.82E-05	2.05E-02	2.50E-02
2593	493280.5	3860443.11	0.31306	0.31521	0.36804	4.66E-03	2.23E-05	9.57E-03	0.014257	4.76E-03	2.19E-05	1.07E-02	0.015433	4.52E-03	2.78E-05	2.05E-02	2.50E-02
2594	493330.5	3860443.11	0.31362	0.31063	0.36694	4.67E-03	2.19E-05	9.55E-03	0.014236	4.77E-03	2.16E-05	1.06E-02	0.01541	4.53E-03	2.74E-05	2.04E-02	2.49E-02
2595	493380.5	3860443.11	0.31142	0.30635	0.36391	4.64E-03	2.16E-05	9.47E-03	0.014124	4.74E-03	2.13E-05	1.05E-02	0.015288	4.50E-03	2.70E-05	2.02E-02	2.47E-02
2596	493180.5	3860493.11	0.31263	0.32001	0.36259	4.65E-03	2.26E-05	9.43E-03	0.014109	4.75E-03	2.22E-05	1.05E-02	0.015269	4.52E-03	2.82E-05	2.01E-02	2.47E-02
2597	493230.5	3860493.11	0.309	0.31772	0.36457	4.60E-03	2.24E-05	9.48E-03	0.014106	4.70E-03	2.21E-05	1.05E-02	0.015271	4.47E-03	2.80E-05	2.03E-02	2.48E-02
2598	493280.5	3860493.11	0.31052	0.31589	0.36572	4.62E-03	2.23E-05	9.51E-03	0.014159	4.72E-03	2.20E-05	1.06E-02	0.015328	4.49E-03	2.79E-05	2.03E-02	2.48E-02
2599	493330.5	3860493.11	0.3103	0.31516	0.36282	4.62E-03	2.23E-05	9.44E-03	0.01408	4.72E-03	2.19E-05	1.05E-02	0.01524	4.48E-03	2.78E-05	2.02E-02	2.47E-02
2600	493380.5	3860493.11	0.30792	0.31018	0.36099	4.58E-03	2.19E-05	9.39E-03	0.013997	4.68E-03	2.16E-05	1.04E-02	0.015151	4.45E-03	2.74E-05	2.01E-02	2.45E-02
2601	493330.5	3860543.11	0.30322	0.31378	0.359	4.51E-03	2.22E-05	9.34E-03	0.013875	4.61E-03	2.18E-05	1.04E-02	0.015022	4.38E-03	2.77E-05	1.99E-02	2.44E-02
2602	493380.5	3860543.11	0.30333	0.31084	0.35907	4.52E-03	2.19E-05	9.34E-03	0.013878	4.61E-03	2.16E-05	1.04E-02	0.015025	4.38E-03	2.74E-05	2.00E-02	2.44E-02
2603	494135.94	3860876.85	0.26087	0.26877	0.31195	3.88E-03	1.90E-05	8.12E-03	0.012018	3.97E-03	1.87E-05	9.03E-03	0.013013	3.77E-03	2.37E-05	1.73E-02	2.11E-02
2604	494185.94	3860876.85	0.26097	0.26732	0.3106	3.88E-03	1.89E-05	8.08E-03	0.011984	3.97E-03	1.86E-05	8.99E-03	0.012976	3.77E-03	2.36E-05	1.73E-02	2.11E-02
2605	494135.94	3860926.85	0.25602	0.27053	0.30472	3.81E-03	1.91E-05	7.93E-03	0.011757	3.89E-03	1.88E-05	8.82E-03	0.01273	3.70E-03	2.39E-05	1.69E-02	2.07E-02
2606	494185.94	3860926.85	0.25548	0.2678	0.30554	3.80E-03	1.89E-05	7.95E-03	0.011771	3.89E-03	1.86E-05	8.84E-03	0.012746	3.69E-03	2.36E-05	1.70E-02	2.07E-02
2607	494135.94	3860976.85	0.25383	0.27058	0.30321	3.78E-03	1.91E-05	7.89E-03	0.011686	3.86E-03	1.88E-05	8.77E-03	0.012653	3.67E-03	2.39E-05	1.68E-02	2.05E-02
2608	494185.94	3860976.85	0.25212	0.26817	0.29964	3.75E-03	1.89E-05	7.80E-03	0.011567	3.83E-03	1.86E-05	8.67E-03	0.012524	3.64E-03	2.37E-05	1.66E-02	2.03E-02
2609	494135.94	3861026.85	0.25546	0.27094	0.29913	3.80E-03	1.91E-05	7.78E-03	0.011604	3.89E-03	1.88E-05	8.66E-03	0.01256	3.69E-03	2.39E-05	1.66E-02	2.03E-02
2610	494185.94	3861026.85	0.25133	0.26843	0.2986	3.74E-03	1.90E-05	7.77E-03	0.011528	3.82E-03	1.87E-05	8.64E-03	0.012482	3.63E-03	2.37E-05	1.66E-02	2.02E-02
2611	494135.94	3861076.85	0.25878	0.27039	0.29902	3.85E-03	1.91E-05	7.78E-03	0.01165	3.94E-03	1.88E-05	8.65E-03	0.012607	3.74E-03	2.39E-05	1.66E-02	2.04E-02
2612	494185.94	3861076.85	0.25501	0.2693	0.29874	3.80E-03	1.90E-05	7.77E-03	0.011587	3.88E-03	1.87E-05	8.64E-03	0.012542	3.68E-03	2.38E-05	1.66E-02	2.03E-02
2613	490360.04	3858710.04	0.79294	0.66988	0.86845	1.18E-02	4.73E-05	2.26E-02	0.034444	1.21E-02	4.66E-05	2.51E-02	0.037237	1.15E-02	5.91E-05	4.83E-02	5.98E-02
2614	490410.04	3858710.04	0.7783	0.65881	0.85843	1.16E-02	4.65E-05	2.23E-02	0.033964	1.18E-02	4.58E-05	2.48E-02	0.036723	1.12E-02	5.81E-05	4.77E-02	5.90E-02
2615	490460.04	3858710.04	0.76445	0.65799	0.84348	1.14E-02	4.65E-05	2.19E-02	0.033369	1.16E-02	4.57E-05	2.44E-02	0.03608	1.10E-02	5.81E-05	4.69E-02	5.80E-02
2616	490510.04	3858710.04	0.7521	0.65004	0.82778	1.12E-02	4.59E-05	2.15E-02	0.032776	1.14E-02	4.52E-05	2.40E-02	0.035437	1.09E-02	5.74E-05	4.60E-02	5.69E-02
2617	490560.04	3858710.04	0.74216	0.64317	0.81478	1.10E-02	4.54E-05	2.12E-02	0.03229	1.13E-02	4.47E-05	2.36E-02	0.03491	1.07E-02	5.67E-05	4.53E-02	5.61E-02
2618	490610.04	3858710.04	0.73205	0.65397	0.80269	1.09E-02	4.62E-05	2.09E-02	0.031825	1.11E-02	4.55E-05	2.32E-02	0.034407	1.06E-02	5.77E-05	4.46E-02	5.52E-02
2619	490660.04	3858710.04	0.72439	0.64601	0.79434	1.08E-02	4.56E-05	2.07E-02	0.031493	1.10E-02	4.49E-05	2.30E-02	0.034048	1.05E-02	5.70E-05	4.41E-02	5.47E-02
2620	490710.04	3858710.04	0.71447	0.64534	0.78871	1.06E-02	4.56E-05	2.05E-02	0.031199	1.09E-02	4.49E-05	2.28E-02	0.033734	1.03E-02	5.69E-05	4.38E-02	5.42E-02
2621	490760.04	3858710.04	0.70388	0.64446	0.77985	1.05E-02	4.55E-05	2.03E-02	0.030811	1.07E-02	4.48E-05	2.26E-02	0.033317	1.02E-02	5.69E-05	4.33E-02	5.36E-02
2622	490810.04	3858710.04	0.69355	0.64807	0.76923	1.03E-02	4.58E-05	2.00E-02	0.030381	1.05E-02	4.50E-05	2.23E-02	0.032853	1.00E-02	5.72E-05	4.27E-02	5.28E-02
2623	490860.04	3858710.04	0.68202	0.6543	0.75875	1.02E-02	4.62E-05	1.97E-02	0.029937	1.04E-02	4.55E-05	2.20E-02	0.032374	9.86E-03	5.77E-05	4.22E-02	5.21E-02
2624	490360.04	3858760.04	0.77629	0.65069	0.85028	1.16E-02	4.59E-05	2.21E-02	0.033722	1.18E-02	4.52E-05	2.46E-02	0.036456	1.12E-02	5.74E-05	4.72E-02	5.85E-02
2625	490410.04	3858760.04	0.7646	0.65256	0.84115	1.14E-02	4.61E-05	2.19E-02	0.03331	1.16E-02	4.54E-05	2.43E-02	0.036015	1.10E-02	5.76E-05	4.67E-02	5.78E-02
2626	490460.04	3858760.04	0.75289	0.64815	0.82888	1.12E-02	4.58E-05	2.16E-02	0.032816	1.15E-02	4.50E-05	2.40E-02	0.035481	1.09E-02	5.72E-05	4.61E-02	5.70E-02
2627	490510.04	3858760.04	0.73786	0.63728	0.81969	1.10E-02	4.50E-05	2.13E-02	0.032353	1.12E-02	4.43E-05	2.37E-02	0.034986	1.07E-02	5.62E-05	4.55E-02	5.63E-02
2628	490560.04	3858760.04	0.72421	0.65298	0.81056	1.08E-02	4.61E-05	2.11E-02	0.031913	1.10E-02	4.54E-05	2.35E-02	0.034515	1.05E-02	5.76E-05	4.50E-02	5.56E-02

2629	490610.04	3858760.04	0.71095	0.64037	0.80071	1.06E-02	4.52E-05	2.08E-02	0.031459	1.08E-02	4.45E-05	2.32E-02	0.034028	1.03E-02	5.65E-05	4.45E-02	5.48E-02
2630	490660.04	3858760.04	0.69986	0.63189	0.79149	1.04E-02	4.46E-05	2.06E-02	0.031053	1.06E-02	4.39E-05	2.29E-02	0.033592	1.01E-02	5.58E-05	4.40E-02	5.41E-02
2631	490710.04	3858760.04	0.68838	0.63896	0.77809	1.02E-02	4.51E-05	2.02E-02	0.030534	1.05E-02	4.44E-05	2.25E-02	0.03303	9.95E-03	5.64E-05	4.32E-02	5.32E-02
2632	490760.04	3858760.04	0.67647	0.63969	0.76336	1.01E-02	4.52E-05	1.99E-02	0.029974	1.03E-02	4.45E-05	2.21E-02	0.032422	9.78E-03	5.64E-05	4.24E-02	5.22E-02
2633	490810.04	3858760.04	0.66488	0.63611	0.75367	9.90E-03	4.49E-05	1.96E-02	0.029549	1.01E-02	4.42E-05	2.18E-02	0.031965	9.61E-03	5.61E-05	4.19E-02	5.15E-02
2634	490860.04	3858760.04	0.65465	0.62888	0.74343	9.74E-03	4.44E-05	1.93E-02	0.02913	9.96E-03	4.37E-05	2.15E-02	0.031513	9.46E-03	5.55E-05	4.13E-02	5.08E-02
2635	490360.04	3858810.04	0.76456	0.63349	0.8441	1.14E-02	4.47E-05	2.20E-02	0.033385	1.16E-02	4.40E-05	2.44E-02	0.036098	1.10E-02	5.59E-05	4.69E-02	5.80E-02
2636	490410.04	3858810.04	0.74984	0.62728	0.82901	1.12E-02	4.43E-05	2.16E-02	0.032773	1.14E-02	4.36E-05	2.40E-02	0.035437	1.08E-02	5.53E-05	4.61E-02	5.70E-02
2637	490460.04	3858810.04	0.73637	0.62817	0.81545	1.10E-02	4.44E-05	2.12E-02	0.03222	1.12E-02	4.37E-05	2.36E-02	0.03484	1.06E-02	5.54E-05	4.53E-02	5.60E-02
2638	490510.04	3858810.04	0.72422	0.6285	0.80031	1.08E-02	4.44E-05	2.08E-02	0.031645	1.10E-02	4.37E-05	2.32E-02	0.034217	1.05E-02	5.55E-05	4.45E-02	5.50E-02
2639	490560.04	3858810.04	0.71182	0.63096	0.78928	1.06E-02	4.46E-05	2.05E-02	0.031174	1.08E-02	4.39E-05	2.28E-02	0.033709	1.03E-02	5.57E-05	4.39E-02	5.42E-02
2640	490610.04	3858810.04	0.69864	0.63204	0.77687	1.04E-02	4.46E-05	2.02E-02	0.030655	1.06E-02	4.39E-05	2.25E-02	0.03315	1.01E-02	5.58E-05	4.32E-02	5.33E-02
2641	490660.04	3858810.04	0.68725	0.63865	0.76147	1.02E-02	4.51E-05	1.98E-02	0.030085	1.05E-02	4.44E-05	2.20E-02	0.032532	9.93E-03	5.64E-05	4.23E-02	5.23E-02
2642	490710.04	3858810.04	0.6757	0.63398	0.74836	1.01E-02	4.48E-05	1.95E-02	0.029572	1.03E-02	4.41E-05	2.17E-02	0.031976	9.76E-03	5.59E-05	4.16E-02	5.14E-02
2643	490760.04	3858810.04	0.66111	0.62708	0.73791	9.84E-03	4.43E-05	1.92E-02	0.029082	1.01E-02	4.36E-05	2.14E-02	0.031451	9.55E-03	5.53E-05	4.10E-02	5.06E-02
2644	490810.04	3858810.04	0.64951	0.62447	0.73134	9.67E-03	4.41E-05	1.90E-02	0.028738	9.88E-03	4.34E-05	2.12E-02	0.031085	9.39E-03	5.51E-05	4.06E-02	5.01E-02
2645	490860.04	3858810.04	0.63748	0.62216	0.72298	9.49E-03	4.39E-05	1.88E-02	0.028342	9.70E-03	4.32E-05	2.09E-02	0.03066	9.21E-03	5.49E-05	4.02E-02	4.94E-02
2646	490360.04	3858860.04	0.75647	0.64839	0.82094	1.13E-02	4.58E-05	2.14E-02	0.032663	1.15E-02	4.51E-05	2.38E-02	0.035306	1.09E-02	5.72E-05	4.56E-02	5.66E-02
2647	490410.04	3858860.04	0.74545	0.63764	0.81822	1.11E-02	4.50E-05	2.13E-02	0.032428	1.13E-02	4.43E-05	2.37E-02	0.035059	1.08E-02	5.63E-05	4.55E-02	5.63E-02
2648	490460.04	3858860.04	0.73157	0.62177	0.80881	1.09E-02	4.39E-05	2.10E-02	0.031975	1.11E-02	4.32E-05	2.34E-02	0.034574	1.06E-02	5.49E-05	4.49E-02	5.56E-02
2649	490510.04	3858860.04	0.71879	0.60647	0.79367	1.07E-02	4.28E-05	2.06E-02	0.03139	1.09E-02	4.22E-05	2.30E-02	0.033941	1.04E-02	5.35E-05	4.41E-02	5.45E-02
2650	490560.04	3858860.04	0.70526	0.61061	0.77838	1.05E-02	4.31E-05	2.03E-02	0.030791	1.07E-02	4.24E-05	2.25E-02	0.033293	1.02E-02	5.39E-05	4.33E-02	5.35E-02
2651	490610.04	3858860.04	0.69086	0.61599	0.76249	1.03E-02	4.35E-05	1.98E-02	0.030164	1.05E-02	4.28E-05	2.21E-02	0.032614	9.98E-03	5.44E-05	4.24E-02	5.24E-02
2652	490660.04	3858860.04	0.67687	0.61638	0.74742	1.01E-02	4.35E-05	1.94E-02	0.029563	1.03E-02	4.28E-05	2.16E-02	0.031966	9.78E-03	5.44E-05	4.15E-02	5.14E-02
2653	490710.04	3858860.04	0.6641	0.61696	0.73316	9.89E-03	4.36E-05	1.91E-02	0.029002	1.01E-02	4.29E-05	2.12E-02	0.031359	9.60E-03	5.44E-05	4.07E-02	5.04E-02
2654	490760.04	3858860.04	0.64953	0.61363	0.71715	9.67E-03	4.33E-05	1.87E-02	0.028369	9.88E-03	4.26E-05	2.08E-02	0.030674	9.39E-03	5.41E-05	3.98E-02	4.93E-02
2655	490810.04	3858860.04	0.63545	0.60607	0.70179	9.46E-03	4.28E-05	1.83E-02	0.027759	9.66E-03	4.21E-05	2.03E-02	0.030014	9.18E-03	5.35E-05	3.90E-02	4.82E-02
2656	490860.04	3858860.04	0.62089	0.5944	0.68727	9.24E-03	4.20E-05	1.79E-02	0.027164	9.44E-03	4.13E-05	1.99E-02	0.029372	8.97E-03	5.24E-05	3.82E-02	4.72E-02
2657	490360.04	3858910.04	0.74914	0.64361	0.80417	1.12E-02	4.54E-05	2.09E-02	0.032117	1.14E-02	4.47E-05	2.33E-02	0.034709	1.08E-02	5.68E-05	4.47E-02	5.56E-02
2658	490410.04	3858910.04	0.73495	0.63753	0.79261	1.09E-02	4.50E-05	2.06E-02	0.031605	1.12E-02	4.43E-05	2.29E-02	0.034158	1.06E-02	5.63E-05	4.40E-02	5.47E-02
2659	490460.04	3858910.04	0.72223	0.62738	0.78061	1.08E-02	4.43E-05	2.03E-02	0.031103	1.10E-02	4.36E-05	2.26E-02	0.033617	1.04E-02	5.54E-05	4.34E-02	5.39E-02
2660	490510.04	3858910.04	0.70885	0.62165	0.77274	1.06E-02	4.39E-05	2.01E-02	0.030699	1.08E-02	4.32E-05	2.24E-02	0.033185	1.02E-02	5.49E-05	4.29E-02	5.32E-02
2661	490560.04	3858910.04	0.69617	0.60206	0.76709	1.04E-02	4.25E-05	2.00E-02	0.030361	1.06E-02	4.18E-05	2.22E-02	0.032827	1.01E-02	5.31E-05	4.26E-02	5.27E-02
2662	490610.04	3858910.04	0.6816	0.59222	0.75377	1.01E-02	4.18E-05	1.96E-02	0.029797	1.04E-02	4.12E-05	2.18E-02	0.03222	9.85E-03	5.23E-05	4.19E-02	5.18E-02
2663	490660.04	3858910.04	0.66791	0.59312	0.74377	9.94E-03	4.19E-05	1.93E-02	0.029333	1.02E-02	4.12E-05	2.15E-02	0.031722	9.65E-03	5.23E-05	4.13E-02	5.10E-02
2664	490710.04	3858910.04	0.65332	0.59956	0.72905	9.72E-03	4.23E-05	1.90E-02	0.028734	9.94E-03	4.17E-05	2.11E-02	0.031075	9.44E-03	5.29E-05	4.05E-02	5.00E-02
2665	490760.04	3858910.04	0.63679	0.59716	0.71209	9.48E-03	4.22E-05	1.85E-02	0.028046	9.68E-03	4.15E-05	2.06E-02	0.030332	9.20E-03	5.27E-05	3.96E-02	4.88E-02
2666	490810.04	3858910.04	0.6255	0.59756	0.697	9.31E-03	4.22E-05	1.81E-02	0.027486	9.51E-03	4.15E-05	2.02E-02	0.029724	9.04E-03	5.27E-05	3.87E-02	4.78E-02
2667	490860.04	3858910.04	0.60986	0.59018	0.67996	9.08E-03	4.17E-05	1.77E-02	0.026809	9.28E-03	4.10E-05	1.97E-02	0.028992	8.81E-03	5.21E-05	3.78E-02	4.66E-02
2668	490360.04	3858960.04	0.74285	0.63646	0.79484	1.11E-02	4.49E-05	2.07E-02	0.031781	1.13E-02	4.42E-05	2.30E-02	0.034343	1.07E-02	5.62E-05	4.42E-02	5.50E-02
2669	490410.04	3858960.04	0.73182	0.6296	0.78763	1.09E-02	4.45E-05	2.05E-02	0.031428	1.11E-02	4.38E-05	2.28E-02	0.033966	1.06E-02	5.56E-05	4.38E-02	5.44E-02
2670	490460.04	3858960.04	0.72077	0.62494	0.77348	1.07E-02	4.41E-05	2.01E-02	0.030895	1.10E-02	4.34E-05	2.24E-02	0.033388	1.04E-02	5.51E-05	4.30E-02	5.34E-02
2671	490510.04	3858960.04	0.70596	0.61678	0.76181	1.05E-02	4.35E-05	1.98E-02	0.030371	1.07E-02	4.29E-05	2.20E-02	0.032824	1.02E-02	5.44E-05	4.23E-02	5.26E-02
2672	490560.04	3858960.04	0.69333	0.6031	0.74715	1.03E-02	4.26E-05	1.94E-02	0.0298	1.05E-02	4.19E-05	2.16E-02	0.032207	1.00E-02	5.32E-05	4.15E-02	5.16E-02
2673	490610.04	3858960.04	0.67602	0.59876	0.73172	1.01E-02	4.23E-05	1.90E-02	0.029141	1.03E-02	4.16E-05	2.12E-02	0.031497	9.77E-03	5.28E-05	4.07E-02	5.05E-02
2674	490660.04	3858960.04	0.66387	0.58181	0.71809	9.88E-03	4.11E-05	1.87E-02	0.028604	1.01E-02	4.04E-05	2.08E-02	0.030917	9.59E-03	5.13E-05	3.99E-02	4.95E-02
2675	490710.04	3858960.04	0.64841	0.58502	0.70126	9.65E-03	4.13E-05	1.82E-02	0.027937	9.86E-03	4.07E-05	2.03E-02	0.030195	9.37E-03	5.16E-05	3.90E-02	4.84E-02

2676	490760.04	3858960.04	0.63381	0.58703	0.6891	9.43E-03	4.14E-05	1.79E-02	0.027403	9.64E-03	4.08E-05	1.99E-02	0.029621	9.16E-03	5.18E-05	3.83E-02	4.75E-02
2677	490810.04	3858960.04	0.61961	0.58654	0.67847	9.22E-03	4.14E-05	1.77E-02	0.026915	9.42E-03	4.08E-05	1.96E-02	0.029097	8.95E-03	5.18E-05	3.77E-02	4.67E-02
2678	490860.04	3858960.04	0.60343	0.57996	0.66598	8.98E-03	4.09E-05	1.73E-02	0.026349	9.18E-03	4.03E-05	1.93E-02	0.028489	8.72E-03	5.12E-05	3.70E-02	4.58E-02
2679	490360.04	3859010.04	0.73148	0.61803	0.80005	1.09E-02	4.36E-05	2.08E-02	0.031746	1.11E-02	4.30E-05	2.32E-02	0.034319	1.06E-02	5.45E-05	4.45E-02	5.51E-02
2680	490410.04	3859010.04	0.72103	0.62138	0.78434	1.07E-02	4.39E-05	2.04E-02	0.031182	1.10E-02	4.32E-05	2.27E-02	0.033706	1.04E-02	5.48E-05	4.36E-02	5.41E-02
2681	490460.04	3859010.04	0.70723	0.63861	0.76848	1.05E-02	4.51E-05	2.00E-02	0.030565	1.08E-02	4.44E-05	2.22E-02	0.033038	1.02E-02	5.63E-05	4.27E-02	5.30E-02
2682	490510.04	3859010.04	0.6956	0.61743	0.74965	1.04E-02	4.36E-05	1.95E-02	0.0299	1.06E-02	4.29E-05	2.17E-02	0.032315	1.01E-02	5.45E-05	4.17E-02	5.18E-02
2683	490560.04	3859010.04	0.68533	0.60947	0.73672	1.02E-02	4.30E-05	1.92E-02	0.02941	1.04E-02	4.24E-05	2.13E-02	0.031784	9.90E-03	5.38E-05	4.09E-02	5.09E-02
2684	490610.04	3859010.04	0.67112	0.60625	0.72382	9.99E-03	4.28E-05	1.88E-02	0.028863	1.02E-02	4.21E-05	2.09E-02	0.031194	9.70E-03	5.35E-05	4.02E-02	5.00E-02
2685	490660.04	3859010.04	0.65921	0.59832	0.71027	9.81E-03	4.22E-05	1.85E-02	0.028333	1.00E-02	4.16E-05	2.06E-02	0.030621	9.53E-03	5.28E-05	3.95E-02	4.90E-02
2686	490710.04	3859010.04	0.64243	0.59129	0.6941	9.56E-03	4.17E-05	1.81E-02	0.027662	9.77E-03	4.11E-05	2.01E-02	0.029897	9.28E-03	5.22E-05	3.86E-02	4.79E-02
2687	490760.04	3859010.04	0.62686	0.57625	0.67989	9.33E-03	4.07E-05	1.77E-02	0.027059	9.53E-03	4.01E-05	1.97E-02	0.029248	9.06E-03	5.08E-05	3.78E-02	4.69E-02
2688	490810.04	3859010.04	0.61275	0.57042	0.66507	9.12E-03	4.03E-05	1.73E-02	0.026463	9.32E-03	3.96E-05	1.92E-02	0.028604	8.85E-03	5.03E-05	3.70E-02	4.59E-02
2689	490860.04	3859010.04	0.59834	0.57399	0.65104	8.91E-03	4.05E-05	1.69E-02	0.025884	9.10E-03	3.99E-05	1.88E-02	0.027979	8.65E-03	5.06E-05	3.62E-02	4.49E-02
2690	490360.04	3859060.04	0.73023	0.61092	0.79831	1.09E-02	4.31E-05	2.08E-02	0.031681	1.11E-02	4.25E-05	2.31E-02	0.034249	1.06E-02	5.39E-05	4.44E-02	5.50E-02
2691	490410.04	3859060.04	0.71325	0.61231	0.78669	1.06E-02	4.32E-05	2.05E-02	0.031126	1.08E-02	4.26E-05	2.28E-02	0.033655	1.03E-02	5.40E-05	4.37E-02	5.41E-02
2692	490460.04	3859060.04	0.69962	0.62261	0.77342	1.04E-02	4.40E-05	2.01E-02	0.030579	1.06E-02	4.33E-05	2.24E-02	0.033064	1.01E-02	5.49E-05	4.30E-02	5.31E-02
2693	490510.04	3859060.04	0.68925	0.60685	0.7609	1.03E-02	4.28E-05	1.98E-02	0.030098	1.05E-02	4.22E-05	2.20E-02	0.032543	9.96E-03	5.35E-05	4.23E-02	5.23E-02
2694	490560.04	3859060.04	0.67527	0.5953	0.73973	1.01E-02	4.20E-05	1.92E-02	0.029338	1.03E-02	4.14E-05	2.14E-02	0.031717	9.76E-03	5.25E-05	4.11E-02	5.09E-02
2695	490610.04	3859060.04	0.6645	0.59844	0.71829	9.89E-03	4.23E-05	1.87E-02	0.02862	1.01E-02	4.16E-05	2.08E-02	0.030933	9.60E-03	5.28E-05	3.99E-02	4.96E-02
2696	490660.04	3859060.04	0.65098	0.5907	0.70631	9.69E-03	4.17E-05	1.84E-02	0.028107	9.90E-03	4.11E-05	2.04E-02	0.03038	9.41E-03	5.21E-05	3.92E-02	4.87E-02
2697	490710.04	3859060.04	0.63368	0.58618	0.68905	9.43E-03	4.14E-05	1.79E-02	0.0274	9.64E-03	4.07E-05	1.99E-02	0.029618	9.16E-03	5.17E-05	3.83E-02	4.75E-02
2698	490760.04	3859060.04	0.61914	0.5814	0.67214	9.22E-03	4.11E-05	1.75E-02	0.026743	9.42E-03	4.04E-05	1.94E-02	0.028907	8.95E-03	5.13E-05	3.73E-02	4.63E-02
2699	490810.04	3859060.04	0.60185	0.56585	0.65898	8.96E-03	4.00E-05	1.71E-02	0.026142	9.15E-03	3.93E-05	1.91E-02	0.028262	8.70E-03	4.99E-05	3.66E-02	4.54E-02
2700	490860.04	3859060.04	0.58708	0.54847	0.64405	8.74E-03	3.87E-05	1.68E-02	0.025533	8.93E-03	3.81E-05	1.86E-02	0.027604	8.48E-03	4.84E-05	3.58E-02	4.43E-02
2701	490360.04	3859110.04	0.7212	0.60832	0.78805	1.07E-02	4.30E-05	2.05E-02	0.03128	1.10E-02	4.23E-05	2.28E-02	0.033815	1.04E-02	5.37E-05	4.38E-02	5.43E-02
2702	490410.04	3859110.04	0.7086	0.61517	0.7817	1.05E-02	4.34E-05	2.03E-02	0.030927	1.08E-02	4.28E-05	2.26E-02	0.03344	1.02E-02	5.43E-05	4.34E-02	5.37E-02
2703	490460.04	3859110.04	0.69554	0.6055	0.7726	1.04E-02	4.28E-05	2.01E-02	0.030496	1.06E-02	4.21E-05	2.24E-02	0.032977	1.01E-02	5.34E-05	4.29E-02	5.30E-02
2704	490510.04	3859110.04	0.67786	0.6012	0.76073	1.01E-02	4.24E-05	1.98E-02	0.029923	1.03E-02	4.18E-05	2.20E-02	0.032365	9.80E-03	5.30E-05	4.23E-02	5.21E-02
2705	490560.04	3859110.04	0.66212	0.58957	0.74394	9.86E-03	4.16E-05	1.94E-02	0.029251	1.01E-02	4.10E-05	2.15E-02	0.031639	9.57E-03	5.20E-05	4.13E-02	5.10E-02
2706	490610.04	3859110.04	0.64488	0.58065	0.72497	9.60E-03	4.10E-05	1.89E-02	0.028501	9.81E-03	4.04E-05	2.10E-02	0.030827	9.32E-03	5.12E-05	4.03E-02	4.97E-02
2707	490660.04	3859110.04	0.6269	0.57017	0.69855	9.33E-03	4.03E-05	1.82E-02	0.027545	9.53E-03	3.96E-05	2.02E-02	0.029788	9.06E-03	5.03E-05	3.88E-02	4.79E-02
2708	490710.04	3859110.04	0.61348	0.57434	0.68115	9.13E-03	4.06E-05	1.77E-02	0.026893	9.33E-03	3.99E-05	1.97E-02	0.029081	8.86E-03	5.07E-05	3.78E-02	4.68E-02
2709	490760.04	3859110.04	0.59788	0.56715	0.66736	8.90E-03	4.00E-05	1.74E-02	0.026301	9.09E-03	3.94E-05	1.93E-02	0.028444	8.64E-03	5.00E-05	3.71E-02	4.58E-02
2710	490810.04	3859110.04	0.5787	0.56446	0.65129	8.61E-03	3.99E-05	1.69E-02	0.025598	8.80E-03	3.92E-05	1.88E-02	0.027687	8.36E-03	4.98E-05	3.62E-02	4.46E-02
2711	490860.04	3859110.04	0.55926	0.54734	0.63255	8.32E-03	3.86E-05	1.65E-02	0.024819	8.51E-03	3.80E-05	1.83E-02	0.026848	8.08E-03	4.83E-05	3.51E-02	4.33E-02
2712	490360.04	3859160.04	0.71928	0.61406	0.7622	1.07E-02	4.34E-05	1.98E-02	0.030579	1.09E-02	4.27E-05	2.21E-02	0.033038	1.04E-02	5.42E-05	4.24E-02	5.28E-02
2713	490410.04	3859160.04	0.70841	0.60265	0.75992	1.05E-02	4.26E-05	1.98E-02	0.030357	1.08E-02	4.19E-05	2.20E-02	0.032806	1.02E-02	5.32E-05	4.22E-02	5.25E-02
2714	490460.04	3859160.04	0.69549	0.60541	0.75621	1.04E-02	4.27E-05	1.97E-02	0.030068	1.06E-02	4.21E-05	2.19E-02	0.032502	1.00E-02	5.34E-05	4.20E-02	5.21E-02
2715	490510.04	3859160.04	0.68137	0.59213	0.76021	1.01E-02	4.18E-05	1.98E-02	0.029961	1.04E-02	4.12E-05	2.20E-02	0.032402	9.85E-03	5.22E-05	4.22E-02	5.21E-02
2716	490560.04	3859160.04	0.66486	0.57975	0.74679	9.90E-03	4.09E-05	1.94E-02	0.029366	1.01E-02	4.03E-05	2.16E-02	0.031762	9.61E-03	5.12E-05	4.15E-02	5.12E-02
2717	490610.04	3859160.04	0.64852	0.58736	0.73252	9.65E-03	4.15E-05	1.91E-02	0.028752	9.86E-03	4.08E-05	2.12E-02	0.031101	9.37E-03	5.18E-05	4.07E-02	5.01E-02
2718	490660.04	3859160.04	0.61735	0.57452	0.70822	9.19E-03	4.06E-05	1.84E-02	0.027655	9.39E-03	3.99E-05	2.05E-02	0.029923	8.92E-03	5.07E-05	3.94E-02	4.83E-02
2719	490710.04	3859160.04	0.60223	0.56989	0.69042	8.96E-03	4.02E-05	1.80E-02	0.026966	9.16E-03	3.96E-05	2.00E-02	0.029178	8.70E-03	5.03E-05	3.84E-02	4.71E-02
2720	490760.04	3859160.04	0.57461	0.56329	0.65884	8.55E-03	3.98E-05	1.71E-02	0.025733	8.74E-03	3.92E-05	1.91E-02	0.027843	8.30E-03	4.97E-05	3.66E-02	4.50E-02
2721	490810.04	3859160.04	0.55905	0.55042	0.63879	8.32E-03	3.89E-05	1.66E-02	0.024979	8.50E-03	3.83E-05	1.85E-02	0.027026	8.08E-03	4.86E-05	3.55E-02	4.36E-02
2722	490860.04	3859160.04	0.54206	0.53805	0.61988	8.07E-03	3.80E-05	1.61E-02	0.024233	8.24E-03	3.74E-05	1.79E-02	0.026219	7.83E-03	4.75E-05	3.44E-02	4.23E-02

2723	490360.04	3859210.04	0.71324	0.60502	0.74723	1.06E-02	4.27E-05	1.94E-02	0.030099	1.08E-02	4.21E-05	2.16E-02	0.032512	1.03E-02	5.34E-05	4.15E-02	5.19E-02
2724	490410.04	3859210.04	0.70574	0.60017	0.74216	1.05E-02	4.24E-05	1.93E-02	0.029855	1.07E-02	4.17E-05	2.15E-02	0.032251	1.02E-02	5.30E-05	4.12E-02	5.15E-02
2725	490460.04	3859210.04	0.69076	0.60109	0.73492	1.03E-02	4.24E-05	1.91E-02	0.029444	1.05E-02	4.18E-05	2.13E-02	0.031814	9.98E-03	5.30E-05	4.08E-02	5.09E-02
2726	490510.04	3859210.04	0.67485	0.59953	0.73581	1.00E-02	4.23E-05	1.91E-02	0.02923	1.03E-02	4.17E-05	2.13E-02	0.031598	9.75E-03	5.29E-05	4.09E-02	5.07E-02
2727	490560.04	3859210.04	0.66117	0.5872	0.73196	9.84E-03	4.15E-05	1.90E-02	0.028925	1.01E-02	4.08E-05	2.12E-02	0.031277	9.55E-03	5.18E-05	4.07E-02	5.03E-02
2728	490610.04	3859210.04	0.6422	0.5737	0.72528	9.56E-03	4.05E-05	1.89E-02	0.028468	9.77E-03	3.99E-05	2.10E-02	0.030795	9.28E-03	5.06E-05	4.03E-02	4.96E-02
2729	490660.04	3859210.04	0.61346	0.56733	0.70772	9.13E-03	4.01E-05	1.84E-02	0.027583	9.33E-03	3.94E-05	2.05E-02	0.029849	8.86E-03	5.01E-05	3.93E-02	4.82E-02
2730	490710.04	3859210.04	0.59418	0.56467	0.69158	8.84E-03	3.99E-05	1.80E-02	0.026876	9.04E-03	3.92E-05	2.00E-02	0.029088	8.59E-03	4.98E-05	3.84E-02	4.71E-02
2731	490760.04	3859210.04	0.57143	0.54907	0.66654	8.51E-03	3.88E-05	1.73E-02	0.025885	8.69E-03	3.82E-05	1.93E-02	0.028017	8.26E-03	4.84E-05	3.70E-02	4.53E-02
2732	490810.04	3859210.04	0.56098	0.55627	0.6536	8.35E-03	3.93E-05	1.70E-02	0.025393	8.53E-03	3.87E-05	1.89E-02	0.027484	8.11E-03	4.91E-05	3.63E-02	4.45E-02
2733	490860.04	3859210.04	0.55206	0.55162	0.63765	8.22E-03	3.89E-05	1.66E-02	0.024845	8.40E-03	3.83E-05	1.85E-02	0.026886	7.98E-03	4.87E-05	3.54E-02	4.35E-02
2734	490360.04	3859260.04	0.68612	0.5989	0.73612	1.02E-02	4.23E-05	1.92E-02	0.029406	1.04E-02	4.16E-05	2.13E-02	0.031778	9.91E-03	5.28E-05	4.09E-02	5.09E-02
2735	490410.04	3859260.04	0.68433	0.58778	0.7251	1.02E-02	4.15E-05	1.89E-02	0.029092	1.04E-02	4.09E-05	2.10E-02	0.031431	9.89E-03	5.19E-05	4.03E-02	5.02E-02
2736	490460.04	3859260.04	0.68142	0.58453	0.71569	1.01E-02	4.13E-05	1.86E-02	0.028803	1.04E-02	4.06E-05	2.07E-02	0.031114	9.85E-03	5.16E-05	3.98E-02	4.97E-02
2737	490510.04	3859260.04	0.67237	0.5834	0.71089	1.00E-02	4.12E-05	1.85E-02	0.028544	1.02E-02	4.05E-05	2.06E-02	0.030838	9.72E-03	5.15E-05	3.95E-02	4.93E-02
2738	490560.04	3859260.04	0.65819	0.59054	0.71153	9.80E-03	4.17E-05	1.85E-02	0.02835	1.00E-02	4.10E-05	2.06E-02	0.030641	9.51E-03	5.21E-05	3.95E-02	4.91E-02
2739	490610.04	3859260.04	0.63612	0.58319	0.70497	9.47E-03	4.12E-05	1.83E-02	0.02785	9.67E-03	4.05E-05	2.04E-02	0.030115	9.19E-03	5.15E-05	3.92E-02	4.84E-02
2740	490660.04	3859260.04	0.62993	0.57244	0.6988	9.38E-03	4.04E-05	1.82E-02	0.027597	9.58E-03	3.98E-05	2.02E-02	0.029842	9.10E-03	5.05E-05	3.88E-02	4.80E-02
2741	490710.04	3859260.04	0.61449	0.55947	0.69177	9.15E-03	3.95E-05	1.80E-02	0.027183	9.35E-03	3.89E-05	2.00E-02	0.029402	8.88E-03	4.94E-05	3.84E-02	4.74E-02
2742	490760.04	3859260.04	0.5894	0.55119	0.67575	8.77E-03	3.89E-05	1.76E-02	0.026392	8.96E-03	3.83E-05	1.96E-02	0.028557	8.52E-03	4.86E-05	3.75E-02	4.61E-02
2743	490810.04	3859260.04	0.57956	0.55302	0.66812	8.63E-03	3.90E-05	1.74E-02	0.026047	8.81E-03	3.84E-05	1.93E-02	0.028186	8.37E-03	4.88E-05	3.71E-02	4.55E-02
2744	490860.04	3859260.04	0.5665	0.54198	0.65977	8.43E-03	3.83E-05	1.72E-02	0.025635	8.62E-03	3.77E-05	1.91E-02	0.027745	8.19E-03	4.78E-05	3.67E-02	4.49E-02
2745	490360.04	3859310.04	0.66489	0.59583	0.74282	9.90E-03	4.21E-05	1.93E-02	0.029264	1.01E-02	4.14E-05	2.15E-02	0.031649	9.61E-03	5.26E-05	4.13E-02	5.09E-02
2746	490410.04	3859310.04	0.65986	0.58463	0.72442	9.82E-03	4.13E-05	1.88E-02	0.02871	1.00E-02	4.06E-05	2.10E-02	0.031039	9.54E-03	5.16E-05	4.03E-02	4.98E-02
2747	490460.04	3859310.04	0.65433	0.57895	0.7094	9.74E-03	4.09E-05	1.85E-02	0.028236	9.95E-03	4.02E-05	2.05E-02	0.03052	9.46E-03	5.11E-05	3.94E-02	4.89E-02
2748	490510.04	3859310.04	0.65408	0.56891	0.69679	9.74E-03	4.02E-05	1.81E-02	0.027904	9.95E-03	3.95E-05	2.02E-02	0.030151	9.45E-03	5.02E-05	3.87E-02	4.82E-02
2749	490560.04	3859310.04	0.65244	0.56488	0.68926	9.71E-03	3.99E-05	1.79E-02	0.027683	9.92E-03	3.93E-05	1.99E-02	0.029907	9.43E-03	4.98E-05	3.83E-02	4.78E-02
2750	490610.04	3859310.04	0.64617	0.56157	0.68059	9.62E-03	3.97E-05	1.77E-02	0.027364	9.83E-03	3.90E-05	1.97E-02	0.029561	9.34E-03	4.95E-05	3.78E-02	4.72E-02
2751	490660.04	3859310.04	0.63558	0.56955	0.68454	9.46E-03	4.02E-05	1.78E-02	0.02731	9.67E-03	3.96E-05	1.98E-02	0.029515	9.18E-03	5.03E-05	3.80E-02	4.73E-02
2752	490710.04	3859310.04	0.61407	0.56873	0.68124	9.14E-03	4.02E-05	1.77E-02	0.026904	9.34E-03	3.95E-05	1.97E-02	0.029092	8.87E-03	5.02E-05	3.79E-02	4.68E-02
2753	490760.04	3859310.04	0.59912	0.55592	0.67071	8.92E-03	3.93E-05	1.74E-02	0.026406	9.11E-03	3.86E-05	1.94E-02	0.028559	8.66E-03	4.91E-05	3.73E-02	4.60E-02
2754	490810.04	3859310.04	0.59017	0.54212	0.66269	8.78E-03	3.83E-05	1.72E-02	0.026063	8.98E-03	3.77E-05	1.92E-02	0.02819	8.53E-03	4.78E-05	3.68E-02	4.54E-02
2755	490860.04	3859310.04	0.57684	0.5378	0.65189	8.59E-03	3.80E-05	1.70E-02	0.025584	8.77E-03	3.74E-05	1.89E-02	0.027674	8.34E-03	4.75E-05	3.62E-02	4.46E-02
2756	490360.04	3859360.04	0.65776	0.59225	0.73815	9.79E-03	4.18E-05	1.92E-02	0.029036	1.00E-02	4.12E-05	2.14E-02	0.031405	9.50E-03	5.23E-05	4.10E-02	5.06E-02
2757	490410.04	3859360.04	0.64762	0.58055	0.72452	9.64E-03	4.10E-05	1.88E-02	0.02853	9.85E-03	4.03E-05	2.10E-02	0.030856	9.36E-03	5.12E-05	4.03E-02	4.97E-02
2758	490460.04	3859360.04	0.63909	0.57314	0.71334	9.51E-03	4.05E-05	1.86E-02	0.028111	9.72E-03	3.98E-05	2.06E-02	0.030402	9.23E-03	5.06E-05	3.96E-02	4.89E-02
2759	490510.04	3859360.04	0.63517	0.56316	0.70134	9.45E-03	3.98E-05	1.82E-02	0.02774	9.66E-03	3.91E-05	2.03E-02	0.029994	9.18E-03	4.97E-05	3.90E-02	4.82E-02
2760	490560.04	3859360.04	0.63014	0.5589	0.68616	9.38E-03	3.95E-05	1.79E-02	0.02727	9.58E-03	3.88E-05	1.99E-02	0.029478	9.11E-03	4.93E-05	3.81E-02	4.73E-02
2761	490610.04	3859360.04	0.62503	0.5519	0.67613	9.30E-03	3.90E-05	1.76E-02	0.026933	9.51E-03	3.84E-05	1.96E-02	0.02911	9.03E-03	4.87E-05	3.76E-02	4.67E-02
2762	490660.04	3859360.04	0.62266	0.54845	0.66447	9.27E-03	3.87E-05	1.73E-02	0.026594	9.47E-03	3.81E-05	1.92E-02	0.028736	9.00E-03	4.84E-05	3.69E-02	4.60E-02
2763	490710.04	3859360.04	0.61244	0.54709	0.66778	9.12E-03	3.86E-05	1.74E-02	0.026528	9.31E-03	3.80E-05	1.93E-02	0.028676	8.85E-03	4.83E-05	3.71E-02	4.60E-02
2764	490760.04	3859360.04	0.59932	0.5495	0.66337	8.92E-03	3.88E-05	1.73E-02	0.026218	9.11E-03	3.82E-05	1.92E-02	0.028349	8.66E-03	4.85E-05	3.69E-02	4.56E-02
2765	490810.04	3859360.04	0.59566	0.55403	0.65843	8.87E-03	3.91E-05	1.71E-02	0.026035	9.06E-03	3.85E-05	1.91E-02	0.028151	8.61E-03	4.89E-05	3.66E-02	4.52E-02
2766	490860.04	3859360.04	0.58491	0.54562	0.65042	8.71E-03	3.85E-05	1.69E-02	0.025666	8.90E-03	3.79E-05	1.88E-02	0.027755	8.45E-03	4.81E-05	3.61E-02	4.46E-02
2767	490360.04	3859410.04	0.6547	0.60052	0.72803	9.75E-03	4.24E-05	1.89E-02	0.028728	9.96E-03	4.17E-05	2.11E-02	0.031066	9.46E-03	5.30E-05	4.05E-02	5.00E-02
2768	490410.04	3859410.04	0.64697	0.58947	0.71636	9.63E-03	4.16E-05	1.86E-02	0.028308	9.84E-03	4.10E-05	2.07E-02	0.03061	9.35E-03	5.20E-05	3.98E-02	4.92E-02
2769	490460.04	3859410.04	0.63551	0.57368	0.71114	9.46E-03	4.05E-05	1.85E-02	0.028001	9.67E-03	3.99E-05	2.06E-02	0.030284	9.18E-03	5.06E-05	3.95E-02	4.87E-02

2770	490510.04	3859410.04	0.6259	0.56306	0.69975	9.32E-03	3.98E-05	1.82E-02	0.027561	9.52E-03	3.91E-05	2.02E-02	0.029807	9.04E-03	4.97E-05	3.89E-02	4.80E-02
2771	490560.04	3859410.04	0.61725	0.55314	0.68476	9.19E-03	3.91E-05	1.78E-02	0.027041	9.39E-03	3.84E-05	1.98E-02	0.029241	8.92E-03	4.88E-05	3.80E-02	4.70E-02
2772	490610.04	3859410.04	0.6111	0.54427	0.6768	9.10E-03	3.84E-05	1.76E-02	0.026742	9.29E-03	3.78E-05	1.96E-02	0.028917	8.83E-03	4.80E-05	3.76E-02	4.65E-02
2773	490660.04	3859410.04	0.60554	0.54071	0.66342	9.01E-03	3.82E-05	1.73E-02	0.026311	9.21E-03	3.76E-05	1.92E-02	0.028445	8.75E-03	4.77E-05	3.69E-02	4.57E-02
2774	490710.04	3859410.04	0.59902	0.53823	0.65502	8.92E-03	3.80E-05	1.70E-02	0.025995	9.11E-03	3.74E-05	1.90E-02	0.028102	8.66E-03	4.75E-05	3.64E-02	4.51E-02
2775	490760.04	3859410.04	0.58846	0.53282	0.65512	8.76E-03	3.76E-05	1.70E-02	0.02584	8.95E-03	3.70E-05	1.90E-02	0.027944	8.50E-03	4.70E-05	3.64E-02	4.50E-02
2776	490810.04	3859410.04	0.58576	0.5329	0.64526	8.72E-03	3.76E-05	1.68E-02	0.025544	8.91E-03	3.70E-05	1.87E-02	0.027618	8.46E-03	4.70E-05	3.59E-02	4.44E-02
2777	490860.04	3859410.04	0.58785	0.53359	0.6423	8.75E-03	3.77E-05	1.67E-02	0.025498	8.94E-03	3.71E-05	1.86E-02	0.027564	8.49E-03	4.71E-05	3.57E-02	4.42E-02
2778	490360.04	3859460.04	0.64447	0.57927	0.71971	9.59E-03	4.09E-05	1.87E-02	0.028358	9.80E-03	4.03E-05	2.08E-02	0.030668	9.31E-03	5.11E-05	4.00E-02	4.94E-02
2779	490410.04	3859460.04	0.63429	0.58147	0.71206	9.44E-03	4.11E-05	1.85E-02	0.028007	9.65E-03	4.04E-05	2.06E-02	0.030292	9.17E-03	5.13E-05	3.96E-02	4.88E-02
2780	490460.04	3859460.04	0.62513	0.58274	0.70304	9.30E-03	4.11E-05	1.83E-02	0.027636	9.51E-03	4.05E-05	2.03E-02	0.029892	9.03E-03	5.14E-05	3.91E-02	4.81E-02
2781	490510.04	3859460.04	0.6197	0.5701	0.69439	9.22E-03	4.03E-05	1.81E-02	0.02733	9.42E-03	3.96E-05	2.01E-02	0.029558	8.95E-03	5.03E-05	3.86E-02	4.76E-02
2782	490560.04	3859460.04	0.61417	0.55723	0.68658	9.14E-03	3.93E-05	1.79E-02	0.027043	9.34E-03	3.87E-05	1.99E-02	0.029247	8.87E-03	4.92E-05	3.82E-02	4.71E-02
2783	490610.04	3859460.04	0.60656	0.54813	0.67691	9.03E-03	3.87E-05	1.76E-02	0.026678	9.22E-03	3.81E-05	1.96E-02	0.028851	8.76E-03	4.84E-05	3.76E-02	4.64E-02
2784	490660.04	3859460.04	0.59882	0.53835	0.66178	8.91E-03	3.80E-05	1.72E-02	0.026168	9.11E-03	3.74E-05	1.92E-02	0.028295	8.65E-03	4.75E-05	3.68E-02	4.55E-02
2785	490710.04	3859460.04	0.59188	0.52932	0.65246	8.81E-03	3.74E-05	1.70E-02	0.025822	9.00E-03	3.68E-05	1.89E-02	0.027919	8.55E-03	4.67E-05	3.63E-02	4.49E-02
2786	490760.04	3859460.04	0.58583	0.52346	0.64236	8.72E-03	3.70E-05	1.67E-02	0.025468	8.91E-03	3.64E-05	1.86E-02	0.027534	8.47E-03	4.62E-05	3.57E-02	4.42E-02
2787	490810.04	3859460.04	0.57977	0.52681	0.6337	8.63E-03	3.72E-05	1.65E-02	0.025153	8.82E-03	3.66E-05	1.83E-02	0.027192	8.38E-03	4.65E-05	3.52E-02	4.36E-02
2788	490860.04	3859460.04	0.57334	0.51864	0.62801	8.53E-03	3.66E-05	1.63E-02	0.024909	8.72E-03	3.60E-05	1.82E-02	0.026929	8.28E-03	4.58E-05	3.49E-02	4.32E-02
2789	490360.04	3859510.04	0.64204	0.57466	0.69879	9.56E-03	4.06E-05	1.82E-02	0.027777	9.76E-03	3.99E-05	2.02E-02	0.030026	9.28E-03	5.07E-05	3.88E-02	4.82E-02
2790	490410.04	3859510.04	0.63245	0.56604	0.69904	9.41E-03	4.00E-05	1.82E-02	0.02764	9.62E-03	3.93E-05	2.02E-02	0.029886	9.14E-03	4.99E-05	3.88E-02	4.80E-02
2791	490460.04	3859510.04	0.62339	0.56305	0.69425	9.28E-03	3.98E-05	1.81E-02	0.02738	9.48E-03	3.91E-05	2.01E-02	0.02961	9.01E-03	4.97E-05	3.86E-02	4.76E-02
2792	490510.04	3859510.04	0.612	0.56344	0.68854	9.11E-03	3.98E-05	1.79E-02	0.027062	9.31E-03	3.92E-05	1.99E-02	0.029271	8.84E-03	4.97E-05	3.83E-02	4.72E-02
2793	490560.04	3859510.04	0.60318	0.56424	0.6833	8.98E-03	3.98E-05	1.78E-02	0.026795	9.17E-03	3.92E-05	1.98E-02	0.028986	8.72E-03	4.98E-05	3.80E-02	4.67E-02
2794	490610.04	3859510.04	0.5978	0.55156	0.67329	8.90E-03	3.89E-05	1.75E-02	0.026453	9.09E-03	3.83E-05	1.95E-02	0.028613	8.64E-03	4.87E-05	3.74E-02	4.61E-02
2795	490660.04	3859510.04	0.59176	0.5418	0.66421	8.81E-03	3.83E-05	1.73E-02	0.026126	9.00E-03	3.77E-05	1.92E-02	0.028258	8.55E-03	4.78E-05	3.69E-02	4.55E-02
2796	490710.04	3859510.04	0.58467	0.53523	0.65457	8.70E-03	3.78E-05	1.70E-02	0.02577	8.89E-03	3.72E-05	1.89E-02	0.027871	8.45E-03	4.72E-05	3.64E-02	4.49E-02
2797	490760.04	3859510.04	0.57676	0.52513	0.64101	8.58E-03	3.71E-05	1.67E-02	0.025298	8.77E-03	3.65E-05	1.85E-02	0.027357	8.33E-03	4.63E-05	3.56E-02	4.40E-02
2798	490810.04	3859510.04	0.57307	0.51507	0.63246	8.53E-03	3.64E-05	1.65E-02	0.02502	8.72E-03	3.58E-05	1.83E-02	0.027053	8.28E-03	4.54E-05	3.51E-02	4.35E-02
2799	490860.04	3859510.04	0.56669	0.50836	0.6232	8.44E-03	3.59E-05	1.62E-02	0.024684	8.62E-03	3.53E-05	1.80E-02	0.026688	8.19E-03	4.49E-05	3.46E-02	4.29E-02
2800	490360.04	3859560.04	0.63262	0.57058	0.70278	9.42E-03	4.03E-05	1.83E-02	0.02774	9.62E-03	3.97E-05	2.03E-02	0.029998	9.14E-03	5.03E-05	3.91E-02	4.82E-02
2801	490410.04	3859560.04	0.62213	0.56393	0.68894	9.26E-03	3.98E-05	1.79E-02	0.027223	9.46E-03	3.92E-05	1.99E-02	0.029437	8.99E-03	4.98E-05	3.83E-02	4.73E-02
2802	490460.04	3859560.04	0.61676	0.5538	0.67937	9.18E-03	3.91E-05	1.77E-02	0.026894	9.38E-03	3.85E-05	1.97E-02	0.029078	8.91E-03	4.89E-05	3.78E-02	4.67E-02
2803	490510.04	3859560.04	0.60845	0.55021	0.67442	9.06E-03	3.88E-05	1.75E-02	0.026641	9.25E-03	3.82E-05	1.95E-02	0.028808	8.79E-03	4.85E-05	3.75E-02	4.63E-02
2804	490560.04	3859560.04	0.60064	0.5483	0.67089	8.94E-03	3.87E-05	1.75E-02	0.026433	9.13E-03	3.81E-05	1.94E-02	0.028587	8.68E-03	4.84E-05	3.73E-02	4.60E-02
2805	490610.04	3859560.04	0.59268	0.54657	0.66913	8.82E-03	3.86E-05	1.74E-02	0.026269	9.01E-03	3.80E-05	1.94E-02	0.028415	8.56E-03	4.82E-05	3.72E-02	4.58E-02
2806	490660.04	3859560.04	0.58485	0.54678	0.66507	8.71E-03	3.86E-05	1.73E-02	0.026046	8.89E-03	3.80E-05	1.92E-02	0.028178	8.45E-03	4.82E-05	3.70E-02	4.55E-02
2807	490710.04	3859560.04	0.5796	0.53417	0.6519	8.63E-03	3.77E-05	1.70E-02	0.025625	8.81E-03	3.71E-05	1.89E-02	0.027716	8.38E-03	4.71E-05	3.62E-02	4.46E-02
2808	490760.04	3859560.04	0.5745	0.52647	0.6445	8.55E-03	3.72E-05	1.68E-02	0.025356	8.74E-03	3.66E-05	1.87E-02	0.027424	8.30E-03	4.65E-05	3.58E-02	4.42E-02
2809	490810.04	3859560.04	0.56716	0.52265	0.63283	8.44E-03	3.69E-05	1.65E-02	0.024943	8.63E-03	3.63E-05	1.83E-02	0.026975	8.20E-03	4.61E-05	3.52E-02	4.34E-02
2810	490860.04	3859560.04	0.5614	0.51307	0.62294	8.36E-03	3.62E-05	1.62E-02	0.024599	8.54E-03	3.57E-05	1.80E-02	0.0266	8.11E-03	4.53E-05	3.46E-02	4.28E-02
2811	490187.25	3859422.08	0.68991	0.6137	0.74021	1.03E-02	4.33E-05	1.93E-02	0.02957	1.05E-02	4.27E-05	2.14E-02	0.031955	9.97E-03	5.41E-05	4.11E-02	5.12E-02
2812	490237.25	3859422.08	0.67935	0.59966	0.74385	1.01E-02	4.23E-05	1.94E-02	0.029506	1.03E-02	4.17E-05	2.15E-02	0.031899	9.82E-03	5.29E-05	4.13E-02	5.12E-02
2813	490287.25	3859422.08	0.66284	0.59427	0.73883	9.87E-03	4.20E-05	1.92E-02	0.02913	1.01E-02	4.13E-05	2.14E-02	0.031502	9.58E-03	5.24E-05	4.11E-02	5.07E-02
2814	490337.25	3859422.08	0.65311	0.59477	0.73093	9.72E-03	4.20E-05	1.90E-02	0.028779	9.93E-03	4.13E-05	2.12E-02	0.031126	9.44E-03	5.25E-05	4.06E-02	5.01E-02
2815	490187.25	3859472.08	0.6789	0.59828	0.75044	1.01E-02	4.22E-05	1.95E-02	0.029671	1.03E-02	4.16E-05	2.17E-02	0.032083	9.81E-03	5.28E-05	4.17E-02	5.16E-02
2816	490237.25	3859472.08	0.67212	0.60209	0.73044	1.00E-02	4.25E-05	1.90E-02	0.02905	1.02E-02	4.18E-05	2.11E-02	0.031401	9.71E-03	5.31E-05	4.06E-02	5.04E-02

2817	490287.25	3859472.08	0.66291	0.59126	0.7171	9.87E-03	4.17E-05	1.87E-02	0.028565	1.01E-02	4.11E-05	2.08E-02	0.030874	9.58E-03	5.22E-05	3.98E-02	4.95E-02
2818	490337.25	3859472.08	0.65333	0.57963	0.71878	9.72E-03	4.09E-05	1.87E-02	0.028465	9.94E-03	4.03E-05	2.08E-02	0.030776	9.44E-03	5.11E-05	3.99E-02	4.94E-02
2819	490297.07	3859500.42	0.65459	0.58816	0.71477	9.74E-03	4.15E-05	1.86E-02	0.02838	9.96E-03	4.09E-05	2.07E-02	0.03068	9.46E-03	5.19E-05	3.97E-02	4.92E-02
2820	490327.07	3859500.42	0.64801	0.58292	0.70508	9.65E-03	4.12E-05	1.83E-02	0.02803	9.86E-03	4.05E-05	2.04E-02	0.030299	9.36E-03	5.14E-05	3.92E-02	4.86E-02
2821	490297.07	3859530.42	0.64708	0.57801	0.71913	9.63E-03	4.08E-05	1.87E-02	0.028381	9.84E-03	4.02E-05	2.08E-02	0.030691	9.35E-03	5.10E-05	4.00E-02	4.94E-02
2822	490327.07	3859530.42	0.64316	0.58101	0.71151	9.57E-03	4.10E-05	1.85E-02	0.028125	9.78E-03	4.04E-05	2.06E-02	0.030411	9.29E-03	5.13E-05	3.95E-02	4.89E-02
2823	490319.73	3859055.34	0.74445	0.61423	0.80629	1.11E-02	4.34E-05	2.10E-02	0.032101	1.13E-02	4.27E-05	2.33E-02	0.034697	1.08E-02	5.42E-05	4.48E-02	5.56E-02
2824	490319.73	3859105.34	0.73075	0.61824	0.79176	1.09E-02	4.37E-05	2.06E-02	0.031519	1.11E-02	4.30E-05	2.29E-02	0.034068	1.06E-02	5.45E-05	4.40E-02	5.46E-02
2825	490069.73	3859155.34	0.77073	0.65691	0.81418	1.15E-02	4.64E-05	2.12E-02	0.0327	1.17E-02	4.57E-05	2.36E-02	0.035328	1.11E-02	5.80E-05	4.52E-02	5.64E-02
2826	490119.73	3859155.34	0.75846	0.64552	0.80217	1.13E-02	4.56E-05	2.09E-02	0.032204	1.15E-02	4.49E-05	2.32E-02	0.034793	1.10E-02	5.70E-05	4.46E-02	5.56E-02
2827	490269.73	3859155.34	0.73546	0.62318	0.77516	1.09E-02	4.40E-05	2.02E-02	0.031158	1.12E-02	4.33E-05	2.24E-02	0.03366	1.06E-02	5.50E-05	4.31E-02	5.38E-02
2828	490319.73	3859155.34	0.72703	0.62135	0.76888	1.08E-02	4.39E-05	2.00E-02	0.030869	1.11E-02	4.32E-05	2.22E-02	0.03335	1.05E-02	5.48E-05	4.27E-02	5.33E-02
2829	490069.73	3859205.34	0.76392	0.64822	0.80974	1.14E-02	4.58E-05	2.11E-02	0.032483	1.16E-02	4.51E-05	2.34E-02	0.035095	1.10E-02	5.72E-05	4.50E-02	5.61E-02
2830	490119.73	3859205.34	0.74433	0.63767	0.79602	1.11E-02	4.50E-05	2.07E-02	0.031833	1.13E-02	4.43E-05	2.30E-02	0.034399	1.08E-02	5.63E-05	4.42E-02	5.50E-02
2831	490169.73	3859205.34	0.73149	0.6335	0.77926	1.09E-02	4.47E-05	2.03E-02	0.031206	1.11E-02	4.40E-05	2.25E-02	0.033719	1.06E-02	5.59E-05	4.33E-02	5.39E-02
2832	490219.73	3859205.34	0.72391	0.62307	0.77358	1.08E-02	4.40E-05	2.01E-02	0.030945	1.10E-02	4.33E-05	2.24E-02	0.033438	1.05E-02	5.50E-05	4.30E-02	5.35E-02
2833	490269.73	3859205.34	0.72278	0.61578	0.76509	1.08E-02	4.35E-05	1.99E-02	0.030706	1.10E-02	4.28E-05	2.21E-02	0.033175	1.04E-02	5.43E-05	4.25E-02	5.30E-02
2834	490319.73	3859205.34	0.71923	0.60713	0.75618	1.07E-02	4.29E-05	1.97E-02	0.030421	1.09E-02	4.22E-05	2.19E-02	0.032863	1.04E-02	5.36E-05	4.20E-02	5.25E-02
2835	490069.73	3859255.34	0.76011	0.65945	0.81394	1.13E-02	4.66E-05	2.12E-02	0.032536	1.16E-02	4.58E-05	2.36E-02	0.035159	1.10E-02	5.82E-05	4.52E-02	5.63E-02
2836	490119.73	3859255.34	0.73977	0.64297	0.79334	1.10E-02	4.54E-05	2.06E-02	0.031696	1.13E-02	4.47E-05	2.30E-02	0.034253	1.07E-02	5.67E-05	4.41E-02	5.48E-02
2837	490169.73	3859255.34	0.72619	0.62686	0.78466	1.08E-02	4.43E-05	2.04E-02	0.031267	1.10E-02	4.36E-05	2.27E-02	0.033794	1.05E-02	5.53E-05	4.36E-02	5.41E-02
2838	490219.73	3859255.34	0.71114	0.61884	0.77462	1.06E-02	4.37E-05	2.02E-02	0.030781	1.08E-02	4.30E-05	2.24E-02	0.033274	1.03E-02	5.46E-05	4.30E-02	5.34E-02
2839	490269.73	3859255.34	0.69649	0.61553	0.75673	1.04E-02	4.35E-05	1.97E-02	0.030098	1.06E-02	4.28E-05	2.19E-02	0.032533	1.01E-02	5.43E-05	4.20E-02	5.22E-02
2840	490319.73	3859255.34	0.69162	0.60481	0.74634	1.03E-02	4.27E-05	1.94E-02	0.029754	1.05E-02	4.20E-05	2.16E-02	0.032158	9.99E-03	5.34E-05	4.15E-02	5.15E-02
2841	490069.73	3859305.34	0.73556	0.64317	0.81042	1.09E-02	4.54E-05	2.11E-02	0.032078	1.12E-02	4.47E-05	2.35E-02	0.034683	1.06E-02	5.67E-05	4.50E-02	5.57E-02
2842	490119.73	3859305.34	0.73349	0.63832	0.79087	1.09E-02	4.51E-05	2.06E-02	0.031538	1.12E-02	4.44E-05	2.29E-02	0.034086	1.06E-02	5.63E-05	4.39E-02	5.46E-02
2843	490169.73	3859305.34	0.72366	0.63898	0.77621	1.08E-02	4.51E-05	2.02E-02	0.03101	1.10E-02	4.44E-05	2.25E-02	0.033512	1.05E-02	5.64E-05	4.31E-02	5.36E-02
2844	490219.73	3859305.34	0.70469	0.62345	0.76776	1.05E-02	4.40E-05	2.00E-02	0.030507	1.07E-02	4.33E-05	2.22E-02	0.032978	1.02E-02	5.50E-05	4.27E-02	5.29E-02
2845	490269.73	3859305.34	0.69004	0.60726	0.76189	1.03E-02	4.29E-05	1.98E-02	0.030135	1.05E-02	4.22E-05	2.20E-02	0.032584	9.97E-03	5.36E-05	4.23E-02	5.24E-02
2846	490319.73	3859305.34	0.67441	0.60119	0.75123	1.00E-02	4.24E-05	1.95E-02	0.029625	1.03E-02	4.18E-05	2.17E-02	0.032037	9.75E-03	5.30E-05	4.17E-02	5.15E-02
2847	490069.73	3859355.34	0.73208	0.64189	0.77635	1.09E-02	4.53E-05	2.02E-02	0.03114	1.11E-02	4.46E-05	2.25E-02	0.033644	1.06E-02	5.66E-05	4.31E-02	5.38E-02
2848	490119.73	3859355.34	0.70765	0.62448	0.77802	1.05E-02	4.41E-05	2.02E-02	0.030818	1.08E-02	4.34E-05	2.25E-02	0.03332	1.02E-02	5.51E-05	4.32E-02	5.35E-02
2849	490169.73	3859355.34	0.69753	0.61737	0.7755	1.04E-02	4.36E-05	2.02E-02	0.030602	1.06E-02	4.29E-05	2.24E-02	0.033092	1.01E-02	5.45E-05	4.31E-02	5.32E-02
2850	490219.73	3859355.34	0.69646	0.61898	0.76166	1.04E-02	4.37E-05	1.98E-02	0.030226	1.06E-02	4.30E-05	2.20E-02	0.032676	1.01E-02	5.46E-05	4.23E-02	5.24E-02
2851	490269.73	3859355.34	0.6853	0.62013	0.75095	1.02E-02	4.38E-05	1.95E-02	0.029781	1.04E-02	4.31E-05	2.17E-02	0.032196	9.90E-03	5.47E-05	4.17E-02	5.17E-02
2852	490319.73	3859355.34	0.66947	0.60499	0.74213	9.96E-03	4.27E-05	1.93E-02	0.029315	1.02E-02	4.20E-05	2.15E-02	0.031699	9.67E-03	5.34E-05	4.12E-02	5.10E-02
2853	490069.73	3859405.34	0.72093	0.62631	0.78198	1.07E-02	4.42E-05	2.03E-02	0.031119	1.10E-02	4.35E-05	2.26E-02	0.033636	1.04E-02	5.53E-05	4.35E-02	5.39E-02
2854	490119.73	3859405.34	0.7076	0.62833	0.76239	1.05E-02	4.44E-05	1.98E-02	0.030411	1.08E-02	4.37E-05	2.21E-02	0.032867	1.02E-02	5.54E-05	4.24E-02	5.26E-02
2855	490169.73	3859405.34	0.69788	0.61752	0.74796	1.04E-02	4.36E-05	1.95E-02	0.02989	1.06E-02	4.29E-05	2.16E-02	0.032301	1.01E-02	5.45E-05	4.16E-02	5.17E-02
2856	490219.73	3859405.34	0.67943	0.60417	0.75223	1.01E-02	4.27E-05	1.96E-02	0.029726	1.03E-02	4.20E-05	2.18E-02	0.032143	9.82E-03	5.33E-05	4.18E-02	5.17E-02
2857	490269.73	3859405.34	0.66882	0.5987	0.7477	9.96E-03	4.23E-05	1.95E-02	0.02945	1.02E-02	4.16E-05	2.16E-02	0.03185	9.66E-03	5.28E-05	4.15E-02	5.13E-02
2858	490319.73	3859405.34	0.66051	0.60137	0.73712	9.83E-03	4.25E-05	1.92E-02	0.029051	1.00E-02	4.18E-05	2.13E-02	0.031418	9.54E-03	5.31E-05	4.10E-02	5.06E-02
2859	490161.89	3859541.83	0.6626	0.58599	0.73899	9.86E-03	4.14E-05	1.92E-02	0.02913	1.01E-02	4.07E-05	2.14E-02	0.031502	9.57E-03	5.17E-05	4.11E-02	5.07E-02
2860	490171.89	3859541.83	0.66023	0.58306	0.73323	9.83E-03	4.12E-05	1.91E-02	0.028944	1.00E-02	4.05E-05	2.12E-02	0.0313	9.54E-03	5.14E-05	4.07E-02	5.03E-02
2861	490161.89	3859551.83	0.65551	0.57976	0.73754	9.76E-03	4.09E-05	1.92E-02	0.028986	9.97E-03	4.03E-05	2.13E-02	0.031352	9.47E-03	5.12E-05	4.10E-02	5.05E-02
2862	490171.89	3859551.83	0.65786	0.58338	0.73727	9.79E-03	4.12E-05	1.92E-02	0.029014	1.00E-02	4.05E-05	2.13E-02	0.03138	9.51E-03	5.15E-05	4.10E-02	5.05E-02
2863	489799.72	3859348.21	0.80171	0.64398	0.86654	1.19E-02	4.55E-05	2.25E-02	0.034523	1.22E-02	4.48E-05	2.51E-02	0.037313	1.16E-02	5.68E-05	4.82E-02	5.98E-02

2864	489819.72	3859348.21	0.79836	0.65087	0.8557	1.19E-02	4.60E-05	2.23E-02	0.034191	1.21E-02	4.52E-05	2.48E-02	0.036949	1.15E-02	5.74E-05	4.75E-02	5.91E-02
2865	489799.72	3859368.21	0.78323	0.62843	0.85352	1.17E-02	4.44E-05	2.22E-02	0.033908	1.19E-02	4.37E-05	2.47E-02	0.036654	1.13E-02	5.54E-05	4.74E-02	5.88E-02
2866	489819.72	3859368.21	0.78573	0.63354	0.85498	1.17E-02	4.47E-05	2.22E-02	0.033983	1.19E-02	4.40E-05	2.47E-02	0.036735	1.14E-02	5.59E-05	4.75E-02	5.89E-02
2867	489775.41	3859329.72	0.81379	0.65199	0.87443	1.21E-02	4.60E-05	2.27E-02	0.034908	1.24E-02	4.53E-05	2.53E-02	0.037726	1.18E-02	5.75E-05	4.86E-02	6.04E-02
2868	489795.41	3859329.72	0.80942	0.6594	0.86025	1.20E-02	4.66E-05	2.24E-02	0.034475	1.23E-02	4.58E-05	2.49E-02	0.037249	1.17E-02	5.82E-05	4.78E-02	5.96E-02
2869	489775.41	3859349.72	0.79903	0.63657	0.86717	1.19E-02	4.49E-05	2.26E-02	0.034499	1.22E-02	4.42E-05	2.51E-02	0.03729	1.15E-02	5.62E-05	4.82E-02	5.98E-02
2870	489795.41	3859349.72	0.80139	0.64178	0.86681	1.19E-02	4.53E-05	2.26E-02	0.034525	1.22E-02	4.46E-05	2.51E-02	0.037316	1.16E-02	5.66E-05	4.82E-02	5.98E-02
2871	489595.05	3859219.43	0.91364	0.69663	0.94164	1.36E-02	4.92E-05	2.45E-02	0.038146	1.39E-02	4.84E-05	2.72E-02	0.041192	1.32E-02	6.15E-05	5.23E-02	6.56E-02
2872	489615.05	3859219.43	0.90427	0.70407	0.93054	1.35E-02	4.97E-05	2.42E-02	0.037718	1.38E-02	4.89E-05	2.69E-02	0.040729	1.31E-02	6.21E-05	5.17E-02	6.48E-02
2873	489595.05	3859239.43	0.899	0.68281	0.94334	1.34E-02	4.82E-05	2.45E-02	0.037971	1.37E-02	4.75E-05	2.73E-02	0.041018	1.30E-02	6.02E-05	5.24E-02	6.55E-02
2874	489615.05	3859239.43	0.8997	0.6853	0.93557	1.34E-02	4.84E-05	2.43E-02	0.03778	1.37E-02	4.76E-05	2.71E-02	0.040804	1.30E-02	6.05E-05	5.20E-02	6.50E-02
2875	489372.4	3859092.58	1.05042	0.75895	1.04732	1.56E-02	5.36E-05	2.72E-02	0.042936	1.60E-02	5.27E-05	3.03E-02	0.046335	1.52E-02	6.70E-05	5.82E-02	7.34E-02
2876	489422.4	3859092.58	1.02503	0.76385	1.01418	1.53E-02	5.39E-05	2.64E-02	0.041696	1.56E-02	5.31E-05	2.93E-02	0.04499	1.48E-02	6.74E-05	5.64E-02	7.12E-02
2877	489372.4	3859142.58	1.02173	0.74896	1.02762	1.52E-02	5.29E-05	2.67E-02	0.041996	1.55E-02	5.21E-05	2.97E-02	0.045328	1.48E-02	6.61E-05	5.71E-02	7.19E-02
2878	489422.4	3859142.58	1.00753	0.73477	1.01759	1.50E-02	5.19E-05	2.65E-02	0.041522	1.53E-02	5.11E-05	2.94E-02	0.044821	1.46E-02	6.48E-05	5.65E-02	7.12E-02
2879	488870.84	3858666.64	1.77181	1.04723	1.5067	2.64E-02	7.39E-05	3.92E-02	0.065645	2.69E-02	7.28E-05	4.36E-02	0.07062	2.56E-02	9.24E-05	8.37E-02	1.09E-01
2880	488900.84	3858666.64	1.72959	1.03899	1.48693	2.57E-02	7.34E-05	3.87E-02	0.064502	2.63E-02	7.22E-05	4.30E-02	0.069405	2.50E-02	9.17E-05	8.26E-02	1.08E-01
2881	488870.84	3858696.64	1.81516	1.01941	1.46837	2.70E-02	7.20E-05	3.82E-02	0.065291	2.76E-02	7.09E-05	4.25E-02	0.070168	2.62E-02	8.99E-05	8.16E-02	1.08E-01
2882	488900.84	3858696.64	1.75626	1.02331	1.45292	2.61E-02	7.23E-05	3.78E-02	0.064013	2.67E-02	7.11E-05	4.20E-02	0.068825	2.54E-02	9.03E-05	8.07E-02	1.06E-01
2883	488889.67	3858683.97	1.75883	1.03361	1.47474	2.62E-02	7.30E-05	3.84E-02	0.064619	2.67E-02	7.18E-05	4.27E-02	0.069496	2.54E-02	9.12E-05	8.19E-02	1.07E-01
2884	488919.67	3858683.97	1.71763	1.02688	1.45988	2.56E-02	7.25E-05	3.80E-02	0.063619	2.61E-02	7.14E-05	4.22E-02	0.068439	2.48E-02	9.06E-05	8.11E-02	1.06E-01
2885	488889.67	3858713.97	1.81203	1.00633	1.43266	2.70E-02	7.11E-05	3.73E-02	0.064315	2.76E-02	6.99E-05	4.15E-02	0.069086	2.62E-02	8.88E-05	7.96E-02	1.06E-01
2886	488919.67	3858713.97	1.75435	1.00565	1.42699	2.61E-02	7.10E-05	3.71E-02	0.063309	2.67E-02	6.99E-05	4.13E-02	0.068045	2.54E-02	8.87E-05	7.93E-02	1.05E-01
2887	488906.61	3858703.33	1.75829	1.01609	1.44408	2.62E-02	7.17E-05	3.76E-02	0.063813	2.67E-02	7.06E-05	4.18E-02	0.0686	2.54E-02	8.97E-05	8.02E-02	1.06E-01
2888	488936.61	3858703.33	1.70967	1.01485	1.43077	2.54E-02	7.17E-05	3.72E-02	0.062743	2.60E-02	7.05E-05	4.14E-02	0.067475	2.47E-02	8.95E-05	7.95E-02	1.04E-01
2889	488906.61	3858733.33	1.81956	0.99372	1.40345	2.71E-02	7.02E-05	3.65E-02	0.063666	2.77E-02	6.91E-05	4.06E-02	0.068354	2.63E-02	8.77E-05	7.80E-02	1.04E-01
2890	488936.61	3858733.33	1.75971	0.99196	1.39125	2.62E-02	7.00E-05	3.62E-02	0.062458	2.68E-02	6.89E-05	4.03E-02	0.067091	2.54E-02	8.75E-05	7.73E-02	1.03E-01
2891	488637.63	3858467.85	1.98667	1.20546	1.97028	2.96E-02	8.51E-05	5.13E-02	0.080915	3.02E-02	8.38E-05	5.70E-02	0.087313	2.87E-02	1.06E-04	1.09E-01	1.38E-01
2892	488662.63	3858467.85	1.94085	1.18708	1.92447	2.89E-02	8.38E-05	5.01E-02	0.07904	2.95E-02	8.25E-05	5.57E-02	0.085289	2.80E-02	1.05E-04	1.07E-01	1.35E-01
2893	488637.63	3858492.85	1.9993	1.20837	1.92032	2.98E-02	8.53E-05	5.00E-02	0.079803	3.04E-02	8.40E-05	5.56E-02	0.08606	2.89E-02	1.07E-04	1.07E-01	1.36E-01
2894	488662.63	3858492.85	1.95873	1.18806	1.88423	2.92E-02	8.39E-05	4.90E-02	0.078259	2.98E-02	8.26E-05	5.45E-02	0.084397	2.83E-02	1.05E-04	1.05E-01	1.33E-01
2895	488687.63	3858492.85	1.91949	1.17257	1.85476	2.86E-02	8.28E-05	4.83E-02	0.076907	2.92E-02	8.15E-05	5.37E-02	0.082946	2.77E-02	1.03E-04	1.03E-01	1.31E-01
2896	488637.63	3858517.85	2.02643	1.1935	1.87507	3.02E-02	8.43E-05	4.88E-02	0.079029	3.08E-02	8.30E-05	5.43E-02	0.085162	2.93E-02	1.05E-04	1.04E-01	1.34E-01
2897	488662.63	3858517.85	1.97349	1.17893	1.83782	2.94E-02	8.32E-05	4.78E-02	0.077271	3.00E-02	8.19E-05	5.32E-02	0.083278	2.85E-02	1.04E-04	1.02E-01	1.31E-01
2898	488687.63	3858517.85	1.93075	1.17323	1.79978	2.87E-02	8.28E-05	4.68E-02	0.075645	2.94E-02	8.15E-05	5.21E-02	0.081527	2.79E-02	1.04E-04	1.00E-01	1.28E-01
2899	488194.42	3857168.98	1.89102	3.13851	2.14558	2.81E-02	2.22E-04	5.58E-02	0.084188	2.88E-02	2.18E-04	6.21E-02	0.091066	2.73E-02	2.77E-04	1.19E-01	1.47E-01
2900	488244.42	3857168.98	1.85664	3.02193	2.1021	2.76E-02	2.13E-04	5.47E-02	0.082537	2.82E-02	2.10E-04	6.08E-02	0.089276	2.68E-02	2.67E-04	1.17E-01	1.44E-01
2901	488294.42	3857168.98	1.81719	2.91524	2.05928	2.70E-02	2.06E-04	5.36E-02	0.080828	2.76E-02	2.03E-04	5.96E-02	0.08743	2.63E-02	2.57E-04	1.14E-01	1.41E-01
2902	488244.42	3857218.98	1.8889	3.2368	2.14324	2.81E-02	2.29E-04	5.58E-02	0.084103	2.87E-02	2.25E-04	6.20E-02	0.090972	2.73E-02	2.86E-04	1.19E-01	1.47E-01
2903	488294.42	3857218.98	1.85166	3.13732	2.09964	2.76E-02	2.22E-04	5.46E-02	0.082407	2.82E-02	2.18E-04	6.08E-02	0.089138	2.68E-02	2.77E-04	1.17E-01	1.44E-01
2904	488294.42	3857268.98	1.889	3.24692	2.14516	2.81E-02	2.29E-04	5.58E-02	0.084155	2.87E-02	2.26E-04	6.21E-02	0.09103	2.73E-02	2.86E-04	1.19E-01	1.47E-01
2905	488139.13	3857111.68	1.88659	3.04774	2.14087	2.81E-02	2.15E-04	5.57E-02	0.083993	2.87E-02	2.12E-04	6.20E-02	0.090856	2.73E-02	2.69E-04	1.19E-01	1.46E-01
2906	488189.13	3857111.68	1.85513	2.9493	2.09992	2.76E-02	2.08E-04	5.46E-02	0.082453	2.82E-02	2.05E-04	6.08E-02	0.089185	2.68E-02	2.60E-04	1.17E-01	1.44E-01
2907	488189.13	3857161.68	1.89012	3.11243	2.14426	2.81E-02	2.20E-04	5.58E-02	0.084139	2.87E-02	2.16E-04	6.20E-02	0.091012	2.73E-02	2.75E-04	1.19E-01	1.47E-01
2908	487951.04	3856961.26	1.88119	2.36352	2.08385	2.80E-02	1.67E-04	5.42E-02	0.082381	2.86E-02	1.64E-04	6.03E-02	0.089076	2.72E-02	2.09E-04	1.16E-01	1.43E-01
2909	488001.04	3856961.26	1.85489	2.36038	2.04723	2.76E-02	1.67E-04	5.33E-02	0.081037	2.82E-02	1.64E-04	5.92E-02	0.087616	2.68E-02	2.08E-04	1.14E-01	1.41E-01
2910	488051.04	3856961.26	1.82273	2.38455	2.00671	2.71E-02	1.68E-04	5.22E-02	0.079506	2.77E-02	1.66E-04	5.81E-02	0.085956	2.63E-02	2.10E-04	1.12E-01	1.38E-01

2911	488101.04	3856961.26	1.80307	2.42742	1.98076	2.68E-02	1.71E-04	5.15E-02	0.078541	2.74E-02	1.69E-04	5.73E-02	0.084909	2.61E-02	2.14E-04	1.10E-01	1.36E-01
2912	487951.04	3857011.26	1.93637	2.65954	2.15665	2.88E-02	1.88E-04	5.61E-02	0.085117	2.94E-02	1.85E-04	6.24E-02	0.092042	2.80E-02	2.35E-04	1.20E-01	1.48E-01
2913	488001.04	3857011.26	1.89506	2.63886	2.10755	2.82E-02	1.86E-04	5.48E-02	0.083224	2.88E-02	1.83E-04	6.10E-02	0.089992	2.74E-02	2.33E-04	1.17E-01	1.45E-01
2914	488051.04	3857011.26	1.85828	2.60773	2.06291	2.77E-02	1.84E-04	5.37E-02	0.081513	2.83E-02	1.81E-04	5.97E-02	0.088139	2.69E-02	2.30E-04	1.15E-01	1.42E-01
2915	488101.04	3857011.26	1.8382	2.60123	2.03581	2.74E-02	1.84E-04	5.30E-02	0.080508	2.80E-02	1.81E-04	5.89E-02	0.087048	2.66E-02	2.30E-04	1.13E-01	1.40E-01
2916	488001.04	3857061.26	1.94388	2.87567	2.17245	2.89E-02	2.03E-04	5.65E-02	0.085656	2.96E-02	2.00E-04	6.29E-02	0.092629	2.81E-02	2.54E-04	1.21E-01	1.49E-01
2917	488051.04	3857061.26	1.91012	2.81925	2.13197	2.84E-02	1.99E-04	5.55E-02	0.084096	2.91E-02	1.96E-04	6.17E-02	0.09094	2.76E-02	2.49E-04	1.18E-01	1.46E-01
2918	488101.04	3857061.26	1.87737	2.81911	2.09432	2.79E-02	1.99E-04	5.45E-02	0.082629	2.86E-02	1.96E-04	6.06E-02	0.089352	2.71E-02	2.49E-04	1.16E-01	1.44E-01
2919	487638.98	3856673.79	1.76287	1.38866	1.91265	2.62E-02	9.81E-05	4.98E-02	0.076097	2.68E-02	9.65E-05	5.53E-02	0.082255	2.55E-02	1.23E-04	1.06E-01	1.32E-01
2920	487688.98	3856673.79	1.7402	1.42239	1.89253	2.59E-02	1.00E-04	4.92E-02	0.075239	2.65E-02	9.89E-05	5.48E-02	0.08133	2.51E-02	1.26E-04	1.05E-01	1.30E-01
2921	487638.98	3856723.79	1.8223	1.53379	1.97692	2.71E-02	1.08E-04	5.14E-02	0.078664	2.77E-02	1.07E-04	5.72E-02	0.085028	2.63E-02	1.35E-04	1.10E-01	1.36E-01
2922	487688.98	3856723.79	1.79487	1.55348	1.95178	2.67E-02	1.10E-04	5.08E-02	0.077603	2.73E-02	1.08E-04	5.65E-02	0.083885	2.59E-02	1.37E-04	1.08E-01	1.35E-01
2923	486324.61	3855740.57	1.34505	1.40455	1.26864	2.00E-02	9.92E-05	3.30E-02	0.053125	2.05E-02	9.76E-05	3.67E-02	0.057265	1.94E-02	1.24E-04	7.05E-02	9.01E-02
2924	486374.61	3855740.57	1.24724	1.32282	1.17624	1.86E-02	9.34E-05	3.06E-02	0.049259	1.90E-02	9.19E-05	3.40E-02	0.053098	1.80E-02	1.17E-04	6.54E-02	8.35E-02
2925	486424.61	3855740.57	1.20485	1.29638	1.13926	1.79E-02	9.15E-05	2.96E-02	0.047664	1.83E-02	9.01E-05	3.30E-02	0.051382	1.74E-02	1.14E-04	6.33E-02	8.08E-02
2926	486324.61	3855790.57	1.38445	1.42871	1.3283	2.06E-02	1.01E-04	3.46E-02	0.055265	2.11E-02	9.93E-05	3.84E-02	0.059593	2.00E-02	1.26E-04	7.38E-02	9.39E-02
2927	486374.61	3855790.57	1.2995	1.33581	1.24059	1.93E-02	9.43E-05	3.23E-02	0.051712	1.98E-02	9.28E-05	3.59E-02	0.055756	1.88E-02	1.18E-04	6.89E-02	8.78E-02
2928	486424.61	3855790.57	1.27475	1.29347	1.21855	1.90E-02	9.13E-05	3.17E-02	0.050767	1.94E-02	8.99E-05	3.53E-02	0.054739	1.84E-02	1.14E-04	6.77E-02	8.62E-02
2929	486324.61	3855840.57	1.42108	1.41207	1.37067	2.12E-02	9.97E-05	3.57E-02	0.056911	2.16E-02	9.81E-05	3.97E-02	0.061375	2.05E-02	1.25E-04	7.62E-02	9.68E-02
2930	486374.61	3855840.57	1.39018	1.39909	1.33864	2.07E-02	9.88E-05	3.48E-02	0.055617	2.11E-02	9.72E-05	3.87E-02	0.059977	2.01E-02	1.23E-04	7.44E-02	9.46E-02
2931	486424.61	3855840.57	1.34089	1.35865	1.29453	2.00E-02	9.59E-05	3.37E-02	0.053733	2.04E-02	9.44E-05	3.75E-02	0.057948	1.94E-02	1.20E-04	7.19E-02	9.14E-02
2932	486324.61	3855890.57	1.50701	1.51635	1.49006	2.24E-02	1.07E-04	3.88E-02	0.061304	2.29E-02	1.05E-04	4.31E-02	0.066144	2.18E-02	1.34E-04	8.28E-02	1.05E-01
2933	486374.61	3855890.57	1.46471	1.4473	1.44338	2.18E-02	1.02E-04	3.76E-02	0.059455	2.23E-02	1.01E-04	4.18E-02	0.064145	2.12E-02	1.28E-04	8.02E-02	1.01E-01
2934	486424.61	3855890.57	1.41159	1.41049	1.38323	2.10E-02	9.96E-05	3.60E-02	0.057097	2.15E-02	9.80E-05	4.00E-02	0.061594	2.04E-02	1.24E-04	7.69E-02	9.74E-02
2935	488735.69	3858285.64	1.8836	1.27521	2.07393	2.80E-02	9.00E-05	5.40E-02	0.082082	2.86E-02	8.86E-05	6.00E-02	0.08875	2.72E-02	1.13E-04	1.15E-01	1.43E-01
2936	488765.69	3858285.64	1.84854	1.25988	2.03278	2.75E-02	8.90E-05	5.29E-02	0.080489	2.81E-02	8.76E-05	5.88E-02	0.087025	2.67E-02	1.11E-04	1.13E-01	1.40E-01
2937	488735.69	3858315.64	1.86493	1.26325	2.07829	2.78E-02	8.92E-05	5.41E-02	0.081917	2.84E-02	8.78E-05	6.01E-02	0.088591	2.69E-02	1.11E-04	1.15E-01	1.43E-01
2938	488765.69	3858315.64	1.82729	1.245	2.0325	2.72E-02	8.79E-05	5.29E-02	0.080164	2.78E-02	8.65E-05	5.88E-02	0.086692	2.64E-02	1.10E-04	1.13E-01	1.39E-01
2939	478676.63	3849871.93	0.20625	0.26755	0.23571	3.07E-03	1.89E-05	6.13E-03	0.009221	3.14E-03	1.86E-05	6.82E-03	0.009976	2.98E-03	2.36E-05	1.31E-02	1.61E-02
2940	479326.63	3849871.93	0.21513	0.22999	0.22984	3.20E-03	1.62E-05	5.98E-03	0.009198	3.27E-03	1.60E-05	6.65E-03	0.009939	3.11E-03	2.03E-05	1.28E-02	1.59E-02
2941	479376.63	3849871.93	0.20762	0.21585	0.23074	3.09E-03	1.52E-05	6.00E-03	0.009109	3.16E-03	1.50E-05	6.68E-03	0.00985	3.00E-03	1.90E-05	1.28E-02	1.58E-02
2942	479426.63	3849871.93	0.19133	0.20389	0.22003	2.85E-03	1.44E-05	5.72E-03	0.008587	2.91E-03	1.42E-05	6.37E-03	0.009291	2.76E-03	1.80E-05	1.22E-02	1.50E-02
2943	478726.63	3849921.93	0.21028	0.27341	0.2408	3.13E-03	1.93E-05	6.26E-03	0.009414	3.20E-03	1.90E-05	6.97E-03	0.010185	3.04E-03	2.41E-05	1.34E-02	1.64E-02
2944	478776.63	3849921.93	0.21765	0.28643	0.23461	3.24E-03	2.02E-05	6.10E-03	0.009363	3.31E-03	1.99E-05	6.79E-03	0.010119	3.15E-03	2.53E-05	1.30E-02	1.62E-02
2945	478826.63	3849921.93	0.22198	0.27798	0.24039	3.30E-03	1.96E-05	6.25E-03	0.009578	3.38E-03	1.93E-05	6.96E-03	0.010352	3.21E-03	2.45E-05	1.34E-02	1.66E-02
2946	478976.63	3849921.93	0.22078	0.28155	0.24036	3.29E-03	1.99E-05	6.25E-03	0.009559	3.36E-03	1.96E-05	6.96E-03	0.010333	3.19E-03	2.48E-05	1.34E-02	1.66E-02
2947	479026.63	3849921.93	0.22177	0.29284	0.23923	3.30E-03	2.07E-05	6.22E-03	0.009545	3.37E-03	2.04E-05	6.92E-03	0.010316	3.20E-03	2.58E-05	1.33E-02	1.65E-02
2948	479076.63	3849921.93	0.22785	0.29172	0.2428	3.39E-03	2.06E-05	6.32E-03	0.009729	3.47E-03	2.03E-05	7.03E-03	0.010512	3.29E-03	2.57E-05	1.35E-02	1.68E-02
2949	479126.63	3849921.93	0.23124	0.29186	0.24557	3.44E-03	2.06E-05	6.39E-03	0.009851	3.52E-03	2.03E-05	7.11E-03	0.010643	3.34E-03	2.58E-05	1.36E-02	1.70E-02
2950	479176.63	3849921.93	0.23989	0.2743	0.25488	3.57E-03	1.94E-05	6.63E-03	0.010221	3.65E-03	1.91E-05	7.38E-03	0.011043	3.47E-03	2.42E-05	1.42E-02	1.77E-02
2951	479226.63	3849921.93	0.22466	0.278	0.24745	3.34E-03	1.96E-05	6.44E-03	0.009801	3.42E-03	1.93E-05	7.16E-03	0.010597	3.25E-03	2.45E-05	1.37E-02	1.70E-02
2952	479276.63	3849921.93	0.2103	0.26392	0.22611	3.13E-03	1.86E-05	5.88E-03	0.009031	3.20E-03	1.83E-05	6.54E-03	0.00976	3.04E-03	2.33E-05	1.26E-02	1.56E-02
2953	479326.63	3849921.93	0.22339	0.25818	0.23674	3.33E-03	1.82E-05	6.16E-03	0.009502	3.40E-03	1.79E-05	6.85E-03	0.010266	3.23E-03	2.28E-05	1.32E-02	1.64E-02
2954	479376.63	3849921.93	0.21925	0.233	0.23632	3.26E-03	1.65E-05	6.15E-03	0.009428	3.33E-03	1.62E-05	6.84E-03	0.010189	3.17E-03	2.06E-05	1.31E-02	1.63E-02
2955	479426.63	3849921.93	0.21722	0.22412	0.24126	3.23E-03	1.58E-05	6.28E-03	0.009526	3.30E-03	1.56E-05	6.98E-03	0.010301	3.14E-03	1.98E-05	1.34E-02	1.66E-02
2956	478726.63	3849971.93	0.22172	0.2766	0.24005	3.30E-03	1.95E-05	6.25E-03	0.009565	3.37E-03	1.92E-05	6.95E-03	0.010338	3.20E-03	2.44E-05	1.33E-02	1.66E-02
2957	478776.63	3849971.93	0.21415	0.27901	0.24458	3.19E-03	1.97E-05	6.36E-03	0.00957	3.26E-03	1.94E-05	7.08E-03	0.010354	3.09E-03	2.46E-05	1.36E-02	1.67E-02

2958	478826.63	3849971.93	0.22074	0.28999	0.23783	3.29E-03	2.05E-05	6.19E-03	0.009494	3.36E-03	2.02E-05	6.88E-03	0.01026	3.19E-03	2.56E-05	1.32E-02	1.64E-02
2959	478976.63	3849971.93	0.22578	0.28343	0.24829	3.36E-03	2.00E-05	6.46E-03	0.00984	3.43E-03	1.97E-05	7.18E-03	0.010638	3.26E-03	2.50E-05	1.38E-02	1.71E-02
2960	479026.63	3849971.93	0.22543	0.2883	0.2465	3.36E-03	2.04E-05	6.41E-03	0.009789	3.43E-03	2.00E-05	7.13E-03	0.010582	3.26E-03	2.54E-05	1.37E-02	1.70E-02
2961	479076.63	3849971.93	0.22512	0.29949	0.24293	3.35E-03	2.11E-05	6.32E-03	0.009692	3.42E-03	2.08E-05	7.03E-03	0.010474	3.25E-03	2.64E-05	1.35E-02	1.68E-02
2962	479126.63	3849971.93	0.23122	0.29609	0.24627	3.44E-03	2.09E-05	6.41E-03	0.00987	3.52E-03	2.06E-05	7.13E-03	0.010664	3.34E-03	2.61E-05	1.37E-02	1.71E-02
2963	479176.63	3849971.93	0.23469	0.29744	0.25109	3.49E-03	2.10E-05	6.53E-03	0.010047	3.57E-03	2.07E-05	7.27E-03	0.010856	3.39E-03	2.62E-05	1.40E-02	1.74E-02
2964	479226.63	3849971.93	0.23532	0.2691	0.25132	3.50E-03	1.90E-05	6.54E-03	0.01006	3.58E-03	1.87E-05	7.27E-03	0.01087	3.40E-03	2.37E-05	1.40E-02	1.74E-02
2965	479276.63	3849971.93	0.22879	0.2882	0.25166	3.41E-03	2.03E-05	6.55E-03	0.009973	3.48E-03	2.00E-05	7.28E-03	0.010782	3.31E-03	2.54E-05	1.40E-02	1.73E-02
2966	479326.63	3849971.93	0.22309	0.28841	0.24414	3.32E-03	2.04E-05	6.35E-03	0.009693	3.39E-03	2.00E-05	7.06E-03	0.010478	3.22E-03	2.54E-05	1.36E-02	1.68E-02
2967	479376.63	3849971.93	0.22551	0.25836	0.23915	3.36E-03	1.82E-05	6.22E-03	0.009597	3.43E-03	1.80E-05	6.92E-03	0.010368	3.26E-03	2.28E-05	1.33E-02	1.66E-02
2968	479426.63	3849971.93	0.23016	0.2426	0.24991	3.43E-03	1.71E-05	6.50E-03	0.009945	3.50E-03	1.69E-05	7.23E-03	0.010749	3.33E-03	2.14E-05	1.39E-02	1.72E-02
2969	478726.63	3850021.93	0.21891	0.27571	0.23768	3.26E-03	1.95E-05	6.18E-03	0.009461	3.33E-03	1.92E-05	6.88E-03	0.010226	3.16E-03	2.43E-05	1.32E-02	1.64E-02
2970	478776.63	3850021.93	0.22511	0.28205	0.24388	3.35E-03	1.99E-05	6.34E-03	0.009715	3.42E-03	1.96E-05	7.06E-03	0.0105	3.25E-03	2.49E-05	1.36E-02	1.68E-02
2971	478826.63	3850021.93	0.21805	0.28468	0.24776	3.25E-03	2.01E-05	6.45E-03	0.009711	3.32E-03	1.98E-05	7.17E-03	0.010506	3.15E-03	2.51E-05	1.38E-02	1.69E-02
2972	478976.63	3850021.93	0.23647	0.27977	0.25455	3.52E-03	1.98E-05	6.62E-03	0.010162	3.60E-03	1.94E-05	7.37E-03	0.010982	3.42E-03	2.47E-05	1.41E-02	1.76E-02
2973	478726.63	3850071.93	0.22059	0.28284	0.24022	3.28E-03	2.00E-05	6.25E-03	0.009553	3.35E-03	1.97E-05	6.95E-03	0.010326	3.19E-03	2.50E-05	1.33E-02	1.66E-02
2974	478776.63	3850071.93	0.22209	0.28067	0.2414	3.31E-03	1.98E-05	6.28E-03	0.009606	3.38E-03	1.95E-05	6.99E-03	0.010383	3.21E-03	2.48E-05	1.34E-02	1.66E-02
2975	478826.63	3850071.93	0.22878	0.28816	0.24831	3.41E-03	2.03E-05	6.46E-03	0.009886	3.48E-03	2.00E-05	7.19E-03	0.010685	3.31E-03	2.54E-05	1.38E-02	1.71E-02
2976	478876.63	3850071.93	0.22221	0.29154	0.25112	3.31E-03	2.06E-05	6.53E-03	0.009861	3.38E-03	2.03E-05	7.27E-03	0.010667	3.21E-03	2.57E-05	1.40E-02	1.72E-02
2977	478976.63	3850071.93	0.23484	0.29578	0.25009	3.50E-03	2.09E-05	6.51E-03	0.010023	3.57E-03	2.06E-05	7.24E-03	0.010829	3.39E-03	2.61E-05	1.39E-02	1.73E-02
2978	478726.63	3850121.93	0.21885	0.27538	0.23603	3.26E-03	1.94E-05	6.14E-03	0.009418	3.33E-03	1.91E-05	6.83E-03	0.010178	3.16E-03	2.43E-05	1.31E-02	1.63E-02
2979	478776.63	3850121.93	0.22332	0.287	0.24299	3.32E-03	2.03E-05	6.32E-03	0.009666	3.40E-03	1.99E-05	7.03E-03	0.010448	3.23E-03	2.53E-05	1.35E-02	1.68E-02
2980	478826.63	3850121.93	0.22532	0.28577	0.24519	3.35E-03	2.02E-05	6.38E-03	0.009753	3.43E-03	1.99E-05	7.10E-03	0.010542	3.26E-03	2.52E-05	1.36E-02	1.69E-02
2981	478876.63	3850121.93	0.2324	0.29419	0.25267	3.46E-03	2.08E-05	6.57E-03	0.010053	3.53E-03	2.04E-05	7.31E-03	0.010867	3.36E-03	2.60E-05	1.40E-02	1.74E-02
2982	478976.63	3850121.93	0.2305	0.30144	0.24985	3.43E-03	2.13E-05	6.50E-03	0.009952	3.51E-03	2.10E-05	7.23E-03	0.010757	3.33E-03	2.66E-05	1.39E-02	1.72E-02
2983	479026.63	3850121.93	0.23979	0.30156	0.25519	3.57E-03	2.13E-05	6.64E-03	0.01023	3.65E-03	2.10E-05	7.38E-03	0.011052	3.47E-03	2.66E-05	1.42E-02	1.77E-02
2984	479076.63	3850121.93	0.24413	0.29509	0.26576	3.63E-03	2.08E-05	6.91E-03	0.010569	3.71E-03	2.05E-05	7.69E-03	0.011424	3.53E-03	2.60E-05	1.48E-02	1.83E-02
2985	479126.63	3850121.93	0.24106	0.30421	0.26468	3.59E-03	2.15E-05	6.89E-03	0.010495	3.67E-03	2.11E-05	7.66E-03	0.011347	3.48E-03	2.68E-05	1.47E-02	1.82E-02
2986	478776.63	3850171.93	0.22165	0.28042	0.24066	3.30E-03	1.98E-05	6.26E-03	0.00958	3.37E-03	1.95E-05	6.96E-03	0.010355	3.20E-03	2.47E-05	1.34E-02	1.66E-02
2987	478826.63	3850171.93	0.226	0.29112	0.24571	3.36E-03	2.06E-05	6.39E-03	0.009777	3.44E-03	2.02E-05	7.11E-03	0.010568	3.27E-03	2.57E-05	1.37E-02	1.69E-02
2988	478876.63	3850171.93	0.22852	0.29068	0.24919	3.40E-03	2.05E-05	6.48E-03	0.009905	3.48E-03	2.02E-05	7.21E-03	0.010707	3.30E-03	2.56E-05	1.38E-02	1.72E-02
2989	478976.63	3850171.93	0.23052	0.30413	0.25794	3.43E-03	2.15E-05	6.71E-03	0.010163	3.51E-03	2.11E-05	7.46E-03	0.010991	3.33E-03	2.68E-05	1.43E-02	1.77E-02
2990	479026.63	3850171.93	0.23356	0.30524	0.25403	3.48E-03	2.16E-05	6.61E-03	0.010107	3.55E-03	2.12E-05	7.35E-03	0.010924	3.37E-03	2.69E-05	1.41E-02	1.75E-02
2991	479076.63	3850171.93	0.24463	0.30727	0.26061	3.64E-03	2.17E-05	6.78E-03	0.010443	3.72E-03	2.14E-05	7.54E-03	0.011283	3.53E-03	2.71E-05	1.45E-02	1.80E-02
2992	479126.63	3850171.93	0.24804	0.30365	0.27186	3.69E-03	2.14E-05	7.07E-03	0.010786	3.77E-03	2.11E-05	7.87E-03	0.01166	3.58E-03	2.68E-05	1.51E-02	1.87E-02
2993	479176.63	3850171.93	0.24517	0.31095	0.2692	3.65E-03	2.20E-05	7.00E-03	0.010675	3.73E-03	2.16E-05	7.79E-03	0.01154	3.54E-03	2.74E-05	1.50E-02	1.85E-02
2994	479226.63	3850171.93	0.24708	0.31535	0.27234	3.68E-03	2.23E-05	7.09E-03	0.010785	3.76E-03	2.19E-05	7.88E-03	0.01166	3.57E-03	2.78E-05	1.51E-02	1.87E-02
2995	479276.63	3850171.93	0.24747	0.32395	0.27189	3.68E-03	2.29E-05	7.07E-03	0.01078	3.76E-03	2.25E-05	7.87E-03	0.011654	3.58E-03	2.86E-05	1.51E-02	1.87E-02
2996	479326.63	3850171.93	0.24607	0.32277	0.26805	3.66E-03	2.28E-05	6.97E-03	0.010659	3.74E-03	2.24E-05	7.76E-03	0.011522	3.56E-03	2.85E-05	1.49E-02	1.85E-02
2997	479376.63	3850171.93	0.25457	0.32115	0.27538	3.79E-03	2.27E-05	7.16E-03	0.010976	3.87E-03	2.23E-05	7.97E-03	0.011863	3.68E-03	2.83E-05	1.53E-02	1.90E-02
2998	478676.63	3850221.93	0.22057	0.26149	0.23409	3.28E-03	1.85E-05	6.09E-03	0.009392	3.35E-03	1.82E-05	6.77E-03	0.010147	3.19E-03	2.31E-05	1.30E-02	1.62E-02
2999	478726.63	3850221.93	0.22705	0.29437	0.24885	3.38E-03	2.08E-05	6.47E-03	0.009874	3.45E-03	2.05E-05	7.20E-03	0.010675	3.28E-03	2.60E-05	1.38E-02	1.71E-02
3000	478976.63	3850221.93	0.2391	0.30811	0.26044	3.56E-03	2.18E-05	6.78E-03	0.010356	3.64E-03	2.14E-05	7.54E-03	0.011194	3.46E-03	2.72E-05	1.45E-02	1.80E-02
3001	479026.63	3850221.93	0.23447	0.31003	0.26135	3.49E-03	2.19E-05	6.80E-03	0.010311	3.57E-03	2.15E-05	7.56E-03	0.01115	3.39E-03	2.74E-05	1.45E-02	1.79E-02
3002	479076.63	3850221.93	0.23602	0.30893	0.25723	3.51E-03	2.18E-05	6.69E-03	0.010227	3.59E-03	2.15E-05	7.44E-03	0.011055	3.41E-03	2.73E-05	1.43E-02	1.77E-02
3003	479126.63	3850221.93	0.24957	0.31464	0.26634	3.71E-03	2.22E-05	6.93E-03	0.010666	3.80E-03	2.19E-05	7.71E-03	0.011525	3.61E-03	2.78E-05	1.48E-02	1.84E-02
3004	479176.63	3850221.93	0.25256	0.31438	0.27908	3.76E-03	2.22E-05	7.26E-03	0.011042	3.84E-03	2.19E-05	8.08E-03	0.011939	3.65E-03	2.77E-05	1.55E-02	1.92E-02

3005	479226.63	3850221.93	0.24978	0.31868	0.2752	3.72E-03	2.25E-05	7.16E-03	0.0109	3.80E-03	2.21E-05	7.96E-03	0.011785	3.61E-03	2.81E-05	1.53E-02	1.89E-02
3006	479276.63	3850221.93	0.25167	0.32456	0.27953	3.75E-03	2.29E-05	7.27E-03	0.011041	3.83E-03	2.26E-05	8.09E-03	0.011939	3.64E-03	2.86E-05	1.55E-02	1.92E-02
3007	479326.63	3850221.93	0.25122	0.32815	0.27591	3.74E-03	2.32E-05	7.18E-03	0.010941	3.82E-03	2.28E-05	7.98E-03	0.011828	3.63E-03	2.90E-05	1.53E-02	1.90E-02
3008	479376.63	3850221.93	0.24993	0.32811	0.27271	3.72E-03	2.32E-05	7.09E-03	0.010838	3.80E-03	2.28E-05	7.89E-03	0.011715	3.61E-03	2.90E-05	1.52E-02	1.88E-02
3009	478676.63	3850271.93	0.20497	0.25933	0.228	3.05E-03	1.83E-05	5.93E-03	0.009001	3.12E-03	1.80E-05	6.60E-03	0.009733	2.96E-03	2.29E-05	1.27E-02	1.57E-02
3010	478726.63	3850271.93	0.22347	0.26719	0.23739	3.33E-03	1.89E-05	6.18E-03	0.009521	3.40E-03	1.86E-05	6.87E-03	0.010287	3.23E-03	2.36E-05	1.32E-02	1.64E-02
3011	478976.63	3850271.93	0.2355	0.30192	0.25807	3.51E-03	2.13E-05	6.71E-03	0.010241	3.58E-03	2.10E-05	7.47E-03	0.011071	3.40E-03	2.66E-05	1.43E-02	1.78E-02
3012	479026.63	3850271.93	0.24115	0.31639	0.26555	3.59E-03	2.23E-05	6.91E-03	0.01052	3.67E-03	2.20E-05	7.68E-03	0.011374	3.48E-03	2.79E-05	1.48E-02	1.83E-02
3013	479076.63	3850271.93	0.23814	0.3146	0.26494	3.54E-03	2.22E-05	6.89E-03	0.01046	3.62E-03	2.19E-05	7.67E-03	0.01131	3.44E-03	2.78E-05	1.47E-02	1.82E-02
3014	479126.63	3850271.93	0.23925	0.31256	0.26048	3.56E-03	2.21E-05	6.78E-03	0.01036	3.64E-03	2.17E-05	7.54E-03	0.011198	3.46E-03	2.76E-05	1.45E-02	1.80E-02
3015	479176.63	3850271.93	0.25484	0.32445	0.27281	3.79E-03	2.29E-05	7.10E-03	0.010914	3.88E-03	2.26E-05	7.89E-03	0.011793	3.68E-03	2.86E-05	1.52E-02	1.89E-02
3016	479226.63	3850271.93	0.25592	0.32687	0.28577	3.81E-03	2.31E-05	7.43E-03	0.011267	3.89E-03	2.27E-05	8.27E-03	0.012184	3.70E-03	2.88E-05	1.59E-02	1.96E-02
3017	479276.63	3850271.93	0.2537	0.32524	0.28202	3.78E-03	2.30E-05	7.34E-03	0.011136	3.86E-03	2.26E-05	8.16E-03	0.012042	3.67E-03	2.87E-05	1.57E-02	1.94E-02
3018	479326.63	3850271.93	0.25541	0.32982	0.28318	3.80E-03	2.33E-05	7.37E-03	0.011192	3.88E-03	2.29E-05	8.19E-03	0.012102	3.69E-03	2.91E-05	1.57E-02	1.95E-02
3019	479376.63	3850271.93	0.25432	0.3323	0.27923	3.79E-03	2.35E-05	7.26E-03	0.011073	3.87E-03	2.31E-05	8.08E-03	0.011971	3.67E-03	2.93E-05	1.55E-02	1.92E-02
3020	479053.24	3850293.52	0.242	0.31982	0.26897	3.60E-03	2.26E-05	7.00E-03	0.010622	3.68E-03	2.22E-05	7.78E-03	0.011486	3.50E-03	2.82E-05	1.49E-02	1.85E-02
3021	479103.24	3850293.52	0.2394	0.31615	0.26633	3.56E-03	2.23E-05	6.93E-03	0.010515	3.64E-03	2.20E-05	7.71E-03	0.01137	3.46E-03	2.79E-05	1.48E-02	1.83E-02
3022	479153.24	3850293.52	0.2418	0.31364	0.26135	3.60E-03	2.21E-05	6.80E-03	0.010421	3.68E-03	2.18E-05	7.56E-03	0.011262	3.49E-03	2.77E-05	1.45E-02	1.80E-02
3023	479203.24	3850293.52	0.25752	0.32924	0.27753	3.83E-03	2.32E-05	7.22E-03	0.011077	3.92E-03	2.29E-05	8.03E-03	0.01197	3.72E-03	2.90E-05	1.54E-02	1.92E-02
3024	479253.24	3850293.52	0.25663	0.33041	0.28748	3.82E-03	2.33E-05	7.48E-03	0.011322	3.90E-03	2.30E-05	8.32E-03	0.012245	3.71E-03	2.92E-05	1.60E-02	1.97E-02
3025	479303.24	3850293.52	0.25579	0.32855	0.28443	3.81E-03	2.32E-05	7.40E-03	0.01123	3.89E-03	2.28E-05	8.23E-03	0.012144	3.70E-03	2.90E-05	1.58E-02	1.95E-02
3026	479353.24	3850293.52	0.25623	0.33124	0.28311	3.81E-03	2.34E-05	7.37E-03	0.011203	3.90E-03	2.30E-05	8.19E-03	0.012112	3.70E-03	2.92E-05	1.57E-02	1.95E-02
3027	479153.24	3850343.52	0.24246	0.32065	0.27142	3.61E-03	2.26E-05	7.06E-03	0.010693	3.69E-03	2.23E-05	7.85E-03	0.011564	3.50E-03	2.83E-05	1.51E-02	1.86E-02
3028	479203.24	3850343.52	0.24602	0.31885	0.26556	3.66E-03	2.25E-05	6.91E-03	0.010593	3.74E-03	2.22E-05	7.68E-03	0.011448	3.56E-03	2.81E-05	1.48E-02	1.83E-02
3029	479253.24	3850343.52	0.26207	0.33714	0.283	3.90E-03	2.38E-05	7.36E-03	0.011287	3.99E-03	2.34E-05	8.19E-03	0.012198	3.79E-03	2.97E-05	1.57E-02	1.95E-02
3030	479303.24	3850343.52	0.2597	0.33598	0.29111	3.87E-03	2.37E-05	7.57E-03	0.011463	3.95E-03	2.34E-05	8.42E-03	0.012397	3.75E-03	2.96E-05	1.62E-02	2.00E-02
3031	479353.24	3850343.52	0.25989	0.3352	0.28897	3.87E-03	2.37E-05	7.52E-03	0.01141	3.95E-03	2.33E-05	8.36E-03	0.012338	3.76E-03	2.96E-05	1.61E-02	1.98E-02
3032	479203.24	3850393.52	0.2454	0.3251	0.27637	3.65E-03	2.30E-05	7.19E-03	0.010866	3.73E-03	2.26E-05	8.00E-03	0.011752	3.55E-03	2.87E-05	1.54E-02	1.89E-02
3033	479253.24	3850393.52	0.25024	0.32407	0.26971	3.72E-03	2.29E-05	7.02E-03	0.010764	3.81E-03	2.25E-05	7.80E-03	0.011633	3.62E-03	2.86E-05	1.50E-02	1.86E-02
3034	479303.24	3850393.52	0.26638	0.34361	0.28798	3.97E-03	2.43E-05	7.49E-03	0.011481	4.05E-03	2.39E-05	8.33E-03	0.012409	3.85E-03	3.03E-05	1.60E-02	1.99E-02
3035	479353.24	3850393.52	0.26328	0.34181	0.29485	3.92E-03	2.41E-05	7.67E-03	0.011614	4.00E-03	2.38E-05	8.53E-03	0.01256	3.80E-03	3.02E-05	1.64E-02	2.02E-02
3036	479403.24	3850393.52	0.26382	0.34153	0.29404	3.93E-03	2.41E-05	7.65E-03	0.011601	4.01E-03	2.37E-05	8.51E-03	0.012545	3.81E-03	3.01E-05	1.63E-02	2.02E-02
3037	479453.24	3850393.52	0.26359	0.34074	0.29009	3.92E-03	2.41E-05	7.55E-03	0.011494	4.01E-03	2.37E-05	8.39E-03	0.012427	3.81E-03	3.01E-05	1.61E-02	2.00E-02
3038	479503.24	3850393.52	0.2613	0.34253	0.28629	3.89E-03	2.42E-05	7.45E-03	0.011362	3.97E-03	2.38E-05	8.28E-03	0.012282	3.78E-03	3.02E-05	1.59E-02	1.97E-02
3039	479303.24	3850443.52	0.2542	0.32992	0.27361	3.78E-03	2.33E-05	7.12E-03	0.010925	3.87E-03	2.29E-05	7.92E-03	0.011807	3.67E-03	2.91E-05	1.52E-02	1.89E-02
3040	479353.24	3850443.52	0.27051	0.34886	0.29243	4.03E-03	2.46E-05	7.61E-03	0.011659	4.11E-03	2.42E-05	8.46E-03	0.012601	3.91E-03	3.08E-05	1.62E-02	2.02E-02
3041	479403.24	3850443.52	0.26709	0.34582	0.29804	3.98E-03	2.44E-05	7.75E-03	0.011754	4.06E-03	2.40E-05	8.62E-03	0.012711	3.86E-03	3.05E-05	1.66E-02	2.05E-02
3042	479453.24	3850443.52	0.26805	0.34561	0.2973	3.99E-03	2.44E-05	7.73E-03	0.011749	4.08E-03	2.40E-05	8.60E-03	0.012704	3.87E-03	3.05E-05	1.65E-02	2.04E-02
3043	479503.24	3850443.52	0.26675	0.34415	0.29219	3.97E-03	2.43E-05	7.60E-03	0.011596	4.06E-03	2.39E-05	8.46E-03	0.012536	3.85E-03	3.04E-05	1.62E-02	2.01E-02
3044	480327.18	3850987.04	0.32204	0.40088	0.35818	4.79E-03	2.83E-05	9.32E-03	0.01414	4.90E-03	2.79E-05	1.04E-02	0.01529	4.65E-03	3.54E-05	1.99E-02	2.46E-02
3045	480377.18	3850987.04	0.32636	0.38206	0.35448	4.86E-03	2.70E-05	9.22E-03	0.014107	4.96E-03	2.66E-05	1.03E-02	0.015248	4.72E-03	3.37E-05	1.97E-02	2.44E-02
3046	480427.18	3850987.04	0.31604	0.36422	0.34892	4.70E-03	2.57E-05	9.08E-03	0.013807	4.81E-03	2.53E-05	1.01E-02	0.014929	4.57E-03	3.21E-05	1.94E-02	2.40E-02
3047	480477.18	3850987.04	0.30748	0.35116	0.34305	4.58E-03	2.48E-05	8.92E-03	0.013526	4.68E-03	2.44E-05	9.93E-03	0.014628	4.44E-03	3.10E-05	1.91E-02	2.35E-02
3048	480327.18	3851037.04	0.3273	0.41991	0.36651	4.87E-03	2.96E-05	9.54E-03	0.014437	4.98E-03	2.92E-05	1.06E-02	0.015613	4.73E-03	3.70E-05	2.04E-02	2.51E-02
3049	480377.18	3851037.04	0.32645	0.40823	0.36314	4.86E-03	2.88E-05	9.45E-03	0.014335	4.96E-03	2.84E-05	1.05E-02	0.015502	4.72E-03	3.60E-05	2.02E-02	2.49E-02
3050	480427.18	3851037.04	0.33056	0.38813	0.36108	4.92E-03	2.74E-05	9.39E-03	0.014342	5.03E-03	2.70E-05	1.04E-02	0.015503	4.78E-03	3.42E-05	2.01E-02	2.49E-02
3051	480477.18	3851037.04	0.31981	0.37042	0.35268	4.76E-03	2.62E-05	9.18E-03	0.013962	4.86E-03	2.57E-05	1.02E-02	0.015095	4.62E-03	3.27E-05	1.96E-02	2.43E-02

3052	480622.06	3851087.39	0.30118	0.36067	0.3349	4.48E-03	2.55E-05	8.71E-03	0.013221	4.58E-03	2.51E-05	9.69E-03	0.014297	4.35E-03	3.18E-05	1.86E-02	2.30E-02
3053	480672.06	3851087.39	0.29464	0.34802	0.31846	4.39E-03	2.46E-05	8.29E-03	0.012695	4.48E-03	2.42E-05	9.22E-03	0.013721	4.26E-03	3.07E-05	1.77E-02	2.20E-02
3054	480622.06	3851137.39	0.31822	0.37271	0.35582	4.74E-03	2.63E-05	9.26E-03	0.01402	4.84E-03	2.59E-05	1.03E-02	0.015162	4.60E-03	3.29E-05	1.98E-02	2.44E-02
3055	480672.06	3851137.39	0.30388	0.37035	0.33946	4.52E-03	2.61E-05	8.83E-03	0.013381	4.62E-03	2.57E-05	9.82E-03	0.01447	4.39E-03	3.27E-05	1.89E-02	2.33E-02
3056	480722.06	3851137.39	0.30225	0.35301	0.32377	4.50E-03	2.49E-05	8.42E-03	0.012947	4.60E-03	2.45E-05	9.37E-03	0.01399	4.37E-03	3.11E-05	1.80E-02	2.24E-02
3057	480622.06	3851187.39	0.32985	0.38456	0.364	4.91E-03	2.72E-05	9.47E-03	0.014407	5.02E-03	2.67E-05	1.05E-02	0.015577	4.77E-03	3.39E-05	2.02E-02	2.50E-02
3058	480672.06	3851187.39	0.32225	0.38102	0.35874	4.80E-03	2.69E-05	9.33E-03	0.014156	4.90E-03	2.65E-05	1.04E-02	0.015308	4.66E-03	3.36E-05	1.99E-02	2.46E-02
3059	480722.06	3851187.39	0.30682	0.37558	0.34297	4.57E-03	2.65E-05	8.92E-03	0.013516	4.67E-03	2.61E-05	9.92E-03	0.014617	4.43E-03	3.31E-05	1.91E-02	2.35E-02
3060	471363.09	3845877.25	0.03944	0.04315	0.04346	5.87E-04	3.05E-06	1.13E-03	0.001721	6.00E-04	3.00E-06	1.26E-03	0.00186	5.70E-04	3.81E-06	2.41E-03	2.99E-03
3061	471863.09	3845877.25	0.03372	0.03936	0.03777	5.02E-04	2.78E-06	9.83E-04	0.001487	5.13E-04	2.74E-06	1.09E-03	0.001609	4.87E-04	3.47E-06	2.10E-03	2.59E-03
3062	472363.09	3845877.25	0.03135	0.03774	0.03511	4.67E-04	2.66E-06	9.13E-04	0.001383	4.77E-04	2.62E-06	1.02E-03	0.001495	4.53E-04	3.33E-06	1.95E-03	2.41E-03
3063	472863.09	3845877.25	0.02713	0.03263	0.03017	4.04E-04	2.30E-06	7.85E-04	0.001191	4.13E-04	2.27E-06	8.73E-04	0.001288	3.92E-04	2.88E-06	1.68E-03	2.07E-03
3064	473363.09	3845877.25	0.02693	0.03308	0.03037	4.01E-04	2.34E-06	7.90E-04	0.001193	4.10E-04	2.30E-06	8.79E-04	0.001291	3.89E-04	2.92E-06	1.69E-03	2.08E-03
3065	473863.09	3845877.25	0.03383	0.03955	0.03774	5.04E-04	2.79E-06	9.82E-04	0.001488	5.15E-04	2.75E-06	1.09E-03	0.001609	4.89E-04	3.49E-06	2.10E-03	2.59E-03
3066	474363.09	3845877.25	0.05281	0.05957	0.05638	7.86E-04	4.21E-06	1.47E-03	0.002257	8.03E-04	4.14E-06	1.63E-03	0.002439	7.63E-04	5.26E-06	3.13E-03	3.90E-03
3067	474863.09	3845877.25	0.07144	0.07988	0.07452	1.06E-03	5.64E-06	1.94E-03	0.003008	1.09E-03	5.55E-06	2.16E-03	0.003248	1.03E-03	7.05E-06	4.14E-03	5.18E-03
3068	475363.09	3845877.25	0.07734	0.08565	0.082	1.15E-03	6.05E-06	2.13E-03	0.003291	1.18E-03	5.95E-06	2.37E-03	0.003555	1.12E-03	7.56E-06	4.56E-03	5.68E-03
3069	475863.09	3845877.25	0.07052	0.08135	0.07828	1.05E-03	5.74E-06	2.04E-03	0.003092	1.07E-03	5.65E-06	2.27E-03	0.003343	1.02E-03	7.18E-06	4.35E-03	5.38E-03
3070	476363.09	3845877.25	0.06319	0.0631	0.06588	9.41E-04	4.46E-06	1.71E-03	0.002659	9.61E-04	4.39E-06	1.91E-03	0.002872	9.13E-04	5.57E-06	3.66E-03	4.58E-03
3071	476863.09	3845877.25	0.04947	0.05726	0.05738	7.36E-04	4.04E-06	1.49E-03	0.002233	7.52E-04	3.98E-06	1.66E-03	0.002417	7.15E-04	5.05E-06	3.19E-03	3.91E-03
3072	477363.09	3845877.25	0.04147	0.0436	0.04503	6.17E-04	3.08E-06	1.17E-03	0.001792	6.31E-04	3.03E-06	1.30E-03	0.001937	5.99E-04	3.85E-06	2.50E-03	3.11E-03
3073	477863.09	3845877.25	0.0389	0.0348	0.03819	5.79E-04	2.46E-06	9.94E-04	0.001575	5.92E-04	2.42E-06	1.11E-03	0.001699	5.62E-04	3.07E-06	2.12E-03	2.69E-03
3074	478363.09	3845877.25	0.03701	0.04262	0.03591	5.51E-04	3.01E-06	9.34E-04	0.001488	5.63E-04	2.96E-06	1.04E-03	0.001605	5.35E-04	3.76E-06	2.00E-03	2.53E-03
3075	478863.09	3845877.25	0.0329	0.03746	0.03314	4.90E-04	2.64E-06	8.62E-04	0.001355	5.00E-04	2.60E-06	9.59E-04	0.001462	4.75E-04	3.31E-06	1.84E-03	2.32E-03
3076	479363.09	3845877.25	0.03249	0.036	0.0333	4.84E-04	2.54E-06	8.66E-04	0.001352	4.94E-04	2.50E-06	9.64E-04	0.00146	4.69E-04	3.18E-06	1.85E-03	2.32E-03
3077	479863.09	3845877.25	0.02991	0.02913	0.03147	4.45E-04	2.06E-06	8.19E-04	0.001266	4.55E-04	2.02E-06	9.11E-04	0.001368	4.32E-04	2.57E-06	1.75E-03	2.18E-03
3078	480363.09	3845877.25	0.02526	0.02588	0.02627	3.76E-04	1.83E-06	6.83E-04	0.001061	3.84E-04	1.80E-06	7.60E-04	0.001146	3.65E-04	2.28E-06	1.46E-03	1.83E-03
3079	480863.09	3845877.25	0.02234	0.02787	0.02349	3.33E-04	1.97E-06	6.11E-04	0.000946	3.40E-04	1.94E-06	6.80E-04	0.001021	3.23E-04	2.46E-06	1.31E-03	1.63E-03
3080	481363.09	3845877.25	0.01945	0.02387	0.01976	2.90E-04	1.69E-06	5.14E-04	0.000805	2.96E-04	1.66E-06	5.72E-04	0.000869	2.81E-04	2.11E-06	1.10E-03	1.38E-03
3081	481863.09	3845877.25	0.01563	0.01869	0.01665	2.33E-04	1.32E-06	4.33E-04	0.000667	2.38E-04	1.30E-06	4.82E-04	0.000721	2.26E-04	1.65E-06	9.25E-04	1.15E-03
3082	482363.09	3845877.25	0.01547	0.018	0.01587	2.30E-04	1.27E-06	4.13E-04	0.000644	2.35E-04	1.25E-06	4.59E-04	0.000696	2.24E-04	1.59E-06	8.82E-04	1.11E-03
3083	482863.09	3845877.25	0.01273	0.01511	0.01366	1.89E-04	1.07E-06	3.55E-04	0.000546	1.94E-04	1.05E-06	3.95E-04	0.00059	1.84E-04	1.33E-06	7.59E-04	9.44E-04
3084	483363.09	3845877.25	0.01094	0.01378	0.01174	1.63E-04	9.73E-07	3.05E-04	0.000469	1.66E-04	9.58E-07	3.40E-04	0.000507	1.58E-04	1.22E-06	6.52E-04	8.12E-04
3085	483863.09	3845877.25	0.01286	0.01234	0.0138	1.91E-04	8.71E-07	3.59E-04	0.000551	1.96E-04	8.58E-07	3.99E-04	0.000596	1.86E-04	1.09E-06	7.67E-04	9.54E-04
3086	484363.09	3845877.25	0.01193	0.01277	0.01296	1.78E-04	9.02E-07	3.37E-04	0.000516	1.81E-04	8.88E-07	3.75E-04	0.000557	1.72E-04	1.13E-06	7.20E-04	8.94E-04
3087	484863.09	3845877.25	0.01102	0.01321	0.01217	1.64E-04	9.33E-07	3.17E-04	0.000482	1.68E-04	9.18E-07	3.52E-04	0.000521	1.59E-04	1.17E-06	6.76E-04	8.37E-04
3088	485363.09	3845877.25	0.01059	0.0118	0.01121	1.58E-04	8.33E-07	2.92E-04	0.00045	1.61E-04	8.20E-07	3.24E-04	0.000486	1.53E-04	1.04E-06	6.23E-04	7.77E-04
3089	485863.09	3845877.25	0.01014	0.01273	0.01082	1.51E-04	8.99E-07	2.81E-04	0.000433	1.54E-04	8.85E-07	3.13E-04	0.000468	1.47E-04	1.12E-06	6.01E-04	7.49E-04
3090	486363.09	3845877.25	0.00915	0.01158	0.01071	1.36E-04	8.18E-07	2.79E-04	0.000416	1.39E-04	8.05E-07	3.10E-04	0.00045	1.32E-04	1.02E-06	5.95E-04	7.28E-04
3091	486863.09	3845877.25	0.00847	0.01166	0.00961	1.26E-04	8.23E-07	2.50E-04	0.000377	1.29E-04	8.10E-07	2.78E-04	0.000408	1.22E-04	1.03E-06	5.34E-04	6.57E-04
3092	487363.09	3845877.25	0.00712	0.01068	0.00918	1.06E-04	7.54E-07	2.39E-04	0.000346	1.08E-04	7.42E-07	2.66E-04	0.000375	1.03E-04	9.42E-07	5.10E-04	6.14E-04
3093	487863.09	3845877.25	0.00626	0.00977	0.00891	9.32E-05	6.90E-07	2.32E-04	0.000326	9.52E-05	6.79E-07	2.58E-04	0.000354	9.05E-05	8.62E-07	4.95E-04	5.86E-04
3094	488363.09	3845877.25	0.00636	0.01053	0.00859	9.47E-05	7.44E-07	2.23E-04	0.000319	9.67E-05	7.32E-07	2.49E-04	0.000346	9.19E-05	9.29E-07	4.77E-04	5.70E-04
3095	488863.09	3845877.25	0.00773	0.00966	0.00918	1.15E-04	6.82E-07	2.39E-04	0.000355	1.18E-04	6.71E-07	2.66E-04	0.000384	1.12E-04	8.52E-07	5.10E-04	6.23E-04
3096	489363.09	3845877.25	0.00753	0.00996	0.00875	1.12E-04	7.03E-07	2.28E-04	0.00034	1.15E-04	6.92E-07	2.53E-04	0.000368	1.09E-04	8.79E-07	4.86E-04	5.96E-04
3097	489863.09	3845877.25	0.00723	0.00956	0.0087	1.08E-04	6.75E-07	2.26E-04	0.000335	1.10E-04	6.64E-07	2.52E-04	0.000362	1.04E-04	8.44E-07	4.83E-04	5.89E-04
3098	490363.09	3845877.25	0.00675	0.00908	0.00828	1.00E-04	6.41E-07	2.15E-04	0.000317	1.03E-04	6.31E-07	2.40E-04	0.000343	9.75E-05	8.01E-07	4.60E-04	5.58E-04

3099	490863.09	3845877.25	0.00541	0.00869	0.00762	8.05E-05	6.14E-07	1.98E-04	0.000279	8.23E-05	6.04E-07	2.21E-04	0.000303	7.82E-05	7.67E-07	4.23E-04	5.02E-04
3100	491363.09	3845877.25	0.00611	0.01039	0.00764	9.09E-05	7.34E-07	1.99E-04	0.00029	9.29E-05	7.22E-07	2.21E-04	0.000315	8.83E-05	9.17E-07	4.25E-04	5.14E-04
3101	491863.09	3845877.25	0.00615	0.01095	0.00807	9.15E-05	7.73E-07	2.10E-04	0.000302	9.35E-05	7.61E-07	2.34E-04	0.000328	8.89E-05	9.66E-07	4.48E-04	5.38E-04
3102	492363.09	3845877.25	0.00536	0.00939	0.00722	7.98E-05	6.63E-07	1.88E-04	0.000268	8.15E-05	6.53E-07	2.09E-04	0.000291	7.75E-05	8.29E-07	4.01E-04	4.79E-04
3103	492863.09	3845877.25	0.00589	0.01109	0.00782	8.77E-05	7.83E-07	2.03E-04	0.000292	8.96E-05	7.71E-07	2.26E-04	0.000317	8.51E-05	9.79E-07	4.35E-04	5.21E-04
3104	493363.09	3845877.25	0.00659	0.01186	0.00813	9.81E-05	8.37E-07	2.12E-04	0.00031	1.00E-04	8.24E-07	2.35E-04	0.000336	9.52E-05	1.05E-06	4.52E-04	5.48E-04
3105	493863.09	3845877.25	0.00719	0.01263	0.00856	1.07E-04	8.92E-07	2.23E-04	0.000331	1.09E-04	8.78E-07	2.48E-04	0.000358	1.04E-04	1.11E-06	4.76E-04	5.81E-04
3106	494363.09	3845877.25	0.00773	0.0131	0.00898	1.15E-04	9.25E-07	2.34E-04	0.00035	1.18E-04	9.10E-07	2.60E-04	0.000378	1.12E-04	1.16E-06	4.99E-04	6.12E-04
3107	494863.09	3845877.25	0.00787	0.01384	0.00949	1.17E-04	9.77E-07	2.47E-04	0.000365	1.20E-04	9.62E-07	2.75E-04	0.000395	1.14E-04	1.22E-06	5.27E-04	6.42E-04
3108	495363.09	3845877.25	0.00816	0.0135	0.00966	1.21E-04	9.53E-07	2.51E-04	0.000374	1.24E-04	9.38E-07	2.80E-04	0.000405	1.18E-04	1.19E-06	5.37E-04	6.56E-04
3109	495863.09	3845877.25	0.00897	0.01447	0.01066	1.34E-04	1.02E-06	2.77E-04	0.000412	1.36E-04	1.01E-06	3.08E-04	0.000446	1.30E-04	1.28E-06	5.92E-04	7.23E-04
3110	496363.09	3845877.25	0.00951	0.01657	0.01096	1.42E-04	1.17E-06	2.85E-04	0.000428	1.45E-04	1.15E-06	3.17E-04	0.000463	1.37E-04	1.46E-06	6.09E-04	7.48E-04
3111	496863.09	3845877.25	0.01031	0.01753	0.01138	1.53E-04	1.24E-06	2.96E-04	0.000451	1.57E-04	1.22E-06	3.29E-04	0.000487	1.49E-04	1.55E-06	6.32E-04	7.83E-04
3112	497363.09	3845877.25	0.01057	0.01843	0.01171	1.57E-04	1.30E-06	3.05E-04	0.000463	1.61E-04	1.28E-06	3.39E-04	0.000501	1.53E-04	1.63E-06	6.51E-04	8.05E-04
3113	497863.09	3845877.25	0.01083	0.01941	0.01211	1.61E-04	1.37E-06	3.15E-04	0.000478	1.65E-04	1.35E-06	3.50E-04	0.000516	1.56E-04	1.71E-06	6.73E-04	8.31E-04
3114	498363.09	3845877.25	0.01125	0.01868	0.0122	1.67E-04	1.32E-06	3.17E-04	0.000486	1.71E-04	1.30E-06	3.53E-04	0.000525	1.63E-04	1.65E-06	6.78E-04	8.42E-04
3115	471363.09	3846377.25	0.05848	0.06611	0.06355	8.70E-04	4.67E-06	1.65E-03	0.002528	8.89E-04	4.59E-06	1.84E-03	0.002733	8.45E-04	5.83E-06	3.53E-03	4.38E-03
3116	471863.09	3846377.25	0.0637	0.06936	0.06595	9.48E-04	4.90E-06	1.72E-03	0.002669	9.69E-04	4.82E-06	1.91E-03	0.002882	9.20E-04	6.12E-06	3.66E-03	4.59E-03
3117	472363.09	3846377.25	0.03846	0.0444	0.04173	5.72E-04	3.14E-06	1.09E-03	0.001661	5.85E-04	3.09E-06	1.21E-03	0.001796	5.56E-04	3.92E-06	2.32E-03	2.88E-03
3118	472863.09	3846377.25	0.03254	0.04076	0.0367	4.84E-04	2.88E-06	9.55E-04	0.001442	4.95E-04	2.83E-06	1.06E-03	0.00156	4.70E-04	3.60E-06	2.04E-03	2.51E-03
3119	473363.09	3846377.25	0.03371	0.03963	0.03693	5.02E-04	2.80E-06	9.61E-04	0.001465	5.13E-04	2.75E-06	1.07E-03	0.001584	4.87E-04	3.50E-06	2.05E-03	2.54E-03
3120	473863.09	3846377.25	0.03948	0.04595	0.04325	5.88E-04	3.24E-06	1.13E-03	0.001716	6.00E-04	3.19E-06	1.25E-03	0.001855	5.70E-04	4.05E-06	2.40E-03	2.98E-03
3121	474363.09	3846377.25	0.04014	0.04435	0.04391	5.97E-04	3.13E-06	1.14E-03	0.001743	6.10E-04	3.08E-06	1.27E-03	0.001884	5.80E-04	3.91E-06	2.44E-03	3.02E-03
3122	474863.09	3846377.25	0.06354	0.07185	0.0692	9.46E-04	5.07E-06	1.80E-03	0.002751	9.66E-04	4.99E-06	2.00E-03	0.002974	9.18E-04	6.34E-06	3.85E-03	4.77E-03
3123	475363.09	3846377.25	0.08195	0.09139	0.08606	1.22E-03	6.45E-06	2.24E-03	0.003465	1.25E-03	6.35E-06	2.49E-03	0.003743	1.18E-03	8.06E-06	4.78E-03	5.97E-03
3124	475863.09	3846377.25	0.08827	0.10134	0.09611	1.31E-03	7.16E-06	2.50E-03	0.003821	1.34E-03	7.04E-06	2.78E-03	0.004131	1.28E-03	8.94E-06	5.34E-03	6.62E-03
3125	476363.09	3846377.25	0.07892	0.0871	0.08607	1.17E-03	6.15E-06	2.24E-03	0.00342	1.20E-03	6.05E-06	2.49E-03	0.003697	1.14E-03	7.69E-06	4.78E-03	5.93E-03
3126	476863.09	3846377.25	0.06637	0.07076	0.07227	9.88E-04	5.00E-06	1.88E-03	0.002873	1.01E-03	4.92E-06	2.09E-03	0.003106	9.59E-04	6.24E-06	4.02E-03	4.98E-03
3127	477363.09	3846377.25	0.05011	0.06233	0.05891	7.46E-04	4.40E-06	1.53E-03	0.002283	7.62E-04	4.33E-06	1.70E-03	0.002471	7.24E-04	5.50E-06	3.27E-03	4.00E-03
3128	477863.09	3846377.25	0.04332	0.04299	0.04484	6.45E-04	3.04E-06	1.17E-03	0.001814	6.59E-04	2.99E-06	1.30E-03	0.001959	6.26E-04	3.79E-06	2.49E-03	3.12E-03
3129	478363.09	3846377.25	0.04311	0.03995	0.04309	6.42E-04	2.82E-06	1.12E-03	0.001766	6.56E-04	2.78E-06	1.25E-03	0.001905	6.23E-04	3.52E-06	2.39E-03	3.02E-03
3130	478863.09	3846377.25	0.0419	0.05015	0.04156	6.24E-04	3.54E-06	1.08E-03	0.001708	6.37E-04	3.49E-06	1.20E-03	0.001843	6.05E-04	4.42E-06	2.31E-03	2.92E-03
3131	479363.09	3846377.25	0.04089	0.04644	0.04112	6.09E-04	3.28E-06	1.07E-03	0.001682	6.22E-04	3.23E-06	1.19E-03	0.001815	5.91E-04	4.10E-06	2.28E-03	2.88E-03
3132	479863.09	3846377.25	0.03583	0.03439	0.03567	5.33E-04	2.43E-06	9.28E-04	0.001464	5.45E-04	2.39E-06	1.03E-03	0.00158	5.18E-04	3.03E-06	1.98E-03	2.50E-03
3133	480363.09	3846377.25	0.03151	0.03308	0.03318	4.69E-04	2.34E-06	8.63E-04	0.001335	4.79E-04	2.30E-06	9.60E-04	0.001442	4.55E-04	2.92E-06	1.84E-03	2.30E-03
3134	480863.09	3846377.25	0.02585	0.0291	0.0269	3.85E-04	2.05E-06	7.00E-04	0.001087	3.93E-04	2.02E-06	7.78E-04	0.001174	3.74E-04	2.57E-06	1.49E-03	1.87E-03
3135	481363.09	3846377.25	0.0229	0.03089	0.02431	3.41E-04	2.18E-06	6.32E-04	0.000975	3.48E-04	2.15E-06	7.03E-04	0.001054	3.31E-04	2.73E-06	1.35E-03	1.68E-03
3136	481863.09	3846377.25	0.01995	0.02396	0.02105	2.97E-04	1.69E-06	5.48E-04	0.000846	3.03E-04	1.67E-06	6.09E-04	0.000914	2.88E-04	2.11E-06	1.17E-03	1.46E-03
3137	482363.09	3846377.25	0.01704	0.02225	0.01777	2.54E-04	1.57E-06	4.62E-04	0.000718	2.59E-04	1.55E-06	5.14E-04	0.000775	2.46E-04	1.96E-06	9.87E-04	1.24E-03
3138	482863.09	3846377.25	0.01473	0.01942	0.01593	2.19E-04	1.37E-06	4.14E-04	0.000635	2.24E-04	1.35E-06	4.61E-04	0.000686	2.13E-04	1.71E-06	8.85E-04	1.10E-03
3139	483363.09	3846377.25	0.01534	0.01831	0.01597	2.28E-04	1.29E-06	4.15E-04	0.000645	2.33E-04	1.27E-06	4.62E-04	0.000697	2.22E-04	1.62E-06	8.87E-04	1.11E-03
3140	483863.09	3846377.25	0.01498	0.0155	0.01564	2.23E-04	1.09E-06	4.07E-04	0.000631	2.28E-04	1.08E-06	4.53E-04	0.000681	2.16E-04	1.37E-06	8.69E-04	1.09E-03
3141	484363.09	3846377.25	0.01272	0.01401	0.0138	1.89E-04	9.89E-07	3.59E-04	0.000549	1.93E-04	9.74E-07	3.99E-04	0.000594	1.84E-04	1.24E-06	7.67E-04	9.52E-04
3142	484863.09	3846377.25	0.01354	0.0153	0.01413	2.02E-04	1.08E-06	3.68E-04	0.00057	2.06E-04	1.06E-06	4.09E-04	0.000616	1.96E-04	1.35E-06	7.85E-04	9.82E-04
3143	485363.09	3846377.25	0.01262	0.01406	0.01298	1.88E-04	9.93E-07	3.38E-04	0.000527	1.92E-04	9.77E-07	3.76E-04	0.000569	1.82E-04	1.24E-06	7.21E-04	9.05E-04
3144	485863.09	3846377.25	0.01135	0.01395	0.0124	1.69E-04	9.85E-07	3.23E-04	0.000493	1.73E-04	9.70E-07	3.59E-04	0.000532	1.64E-04	1.23E-06	6.89E-04	8.54E-04
3145	486363.09	3846377.25	0.00893	0.01179	0.01072	1.33E-04	8.32E-07	2.79E-04	0.000413	1.36E-04	8.19E-07	3.10E-04	0.000447	1.29E-04	1.04E-06	5.96E-04	7.26E-04

3146	486863.09	3846377.25	0.00832	0.0111	0.00984	1.24E-04	7.84E-07	2.56E-04	0.000381	1.27E-04	7.71E-07	2.85E-04	0.000412	1.20E-04	9.79E-07	5.47E-04	6.68E-04
3147	487363.09	3846377.25	0.00747	0.01066	0.00973	1.11E-04	7.53E-07	2.53E-04	0.000365	1.14E-04	7.41E-07	2.82E-04	0.000396	1.08E-04	9.41E-07	5.41E-04	6.50E-04
3148	487863.09	3846377.25	0.00857	0.01156	0.00993	1.28E-04	8.16E-07	2.58E-04	0.000387	1.30E-04	8.03E-07	2.87E-04	0.000418	1.24E-04	1.02E-06	5.52E-04	6.77E-04
3149	488363.09	3846377.25	0.0088	0.01301	0.01002	1.31E-04	9.19E-07	2.61E-04	0.000393	1.34E-04	9.04E-07	2.90E-04	0.000425	1.27E-04	1.15E-06	5.57E-04	6.85E-04
3150	488863.09	3846377.25	0.00868	0.01137	0.01034	1.29E-04	8.03E-07	2.69E-04	0.000399	1.32E-04	7.90E-07	2.99E-04	0.000432	1.25E-04	1.00E-06	5.75E-04	7.01E-04
3151	489363.09	3846377.25	0.00832	0.01103	0.00972	1.24E-04	7.79E-07	2.53E-04	0.000377	1.27E-04	7.67E-07	2.81E-04	0.000409	1.20E-04	9.73E-07	5.40E-04	6.61E-04
3152	489863.09	3846377.25	0.00811	0.01069	0.00928	1.21E-04	7.55E-07	2.41E-04	0.000363	1.23E-04	7.43E-07	2.69E-04	0.000393	1.17E-04	9.43E-07	5.16E-04	6.34E-04
3153	490363.09	3846377.25	0.00696	0.0099	0.00849	1.04E-04	6.99E-07	2.21E-04	0.000325	1.06E-04	6.88E-07	2.46E-04	0.000352	1.01E-04	8.74E-07	4.72E-04	5.73E-04
3154	490863.09	3846377.25	0.00655	0.01051	0.00811	9.75E-05	7.42E-07	2.11E-04	0.000309	9.96E-05	7.30E-07	2.35E-04	0.000335	9.46E-05	9.27E-07	4.51E-04	5.46E-04
3155	491363.09	3846377.25	0.00616	0.01056	0.00786	9.17E-05	7.46E-07	2.04E-04	0.000297	9.37E-05	7.34E-07	2.27E-04	0.000322	8.90E-05	9.32E-07	4.37E-04	5.27E-04
3156	491863.09	3846377.25	0.00652	0.01143	0.00819	9.70E-05	8.07E-07	2.13E-04	0.000311	9.92E-05	7.94E-07	2.37E-04	0.000337	9.42E-05	1.01E-06	4.55E-04	5.50E-04
3157	492363.09	3846377.25	0.00633	0.01166	0.00818	9.42E-05	8.23E-07	2.13E-04	0.000308	9.63E-05	8.10E-07	2.37E-04	0.000334	9.15E-05	1.03E-06	4.55E-04	5.47E-04
3158	492863.09	3846377.25	0.00666	0.01252	0.00805	9.91E-05	8.84E-07	2.09E-04	0.000309	1.01E-04	8.70E-07	2.33E-04	0.000335	9.62E-05	1.10E-06	4.47E-04	5.45E-04
3159	493363.09	3846377.25	0.00734	0.01357	0.0089	1.09E-04	9.58E-07	2.32E-04	0.000342	1.12E-04	9.43E-07	2.58E-04	0.00037	1.06E-04	1.20E-06	4.95E-04	6.02E-04
3160	493863.09	3846377.25	0.00789	0.01365	0.00932	1.17E-04	9.64E-07	2.42E-04	0.000361	1.20E-04	9.49E-07	2.70E-04	0.000391	1.14E-04	1.20E-06	5.18E-04	6.33E-04
3161	494363.09	3846377.25	0.00833	0.01422	0.01005	1.24E-04	1.00E-06	2.61E-04	0.000386	1.27E-04	9.88E-07	2.91E-04	0.000418	1.20E-04	1.25E-06	5.58E-04	6.80E-04
3162	494863.09	3846377.25	0.00863	0.01407	0.01012	1.28E-04	9.93E-07	2.63E-04	0.000393	1.31E-04	9.78E-07	2.93E-04	0.000425	1.25E-04	1.24E-06	5.62E-04	6.88E-04
3163	495363.09	3846377.25	0.00925	0.01526	0.01099	1.38E-04	1.08E-06	2.86E-04	0.000425	1.41E-04	1.06E-06	3.18E-04	0.00046	1.34E-04	1.35E-06	6.11E-04	7.46E-04
3164	495863.09	3846377.25	0.01	0.01835	0.0115	1.49E-04	1.30E-06	2.99E-04	0.000449	1.52E-04	1.28E-06	3.33E-04	0.000486	1.45E-04	1.62E-06	6.39E-04	7.85E-04
3165	496363.09	3846377.25	0.01097	0.01898	0.01243	1.63E-04	1.34E-06	3.23E-04	0.000488	1.67E-04	1.32E-06	3.60E-04	0.000528	1.59E-04	1.67E-06	6.91E-04	8.51E-04
3166	496863.09	3846377.25	0.01139	0.02071	0.01282	1.70E-04	1.46E-06	3.34E-04	0.000505	1.73E-04	1.44E-06	3.71E-04	0.000546	1.65E-04	1.83E-06	7.12E-04	8.79E-04
3167	497363.09	3846377.25	0.01176	0.0209	0.01316	1.75E-04	1.48E-06	3.42E-04	0.000519	1.79E-04	1.45E-06	3.81E-04	0.000561	1.70E-04	1.84E-06	7.31E-04	9.03E-04
3168	497863.09	3846377.25	0.01236	0.02049	0.01305	1.84E-04	1.45E-06	3.40E-04	0.000525	1.88E-04	1.42E-06	3.78E-04	0.000567	1.79E-04	1.81E-06	7.25E-04	9.06E-04
3169	498363.09	3846377.25	0.01261	0.02128	0.01337	1.88E-04	1.50E-06	3.48E-04	0.000537	1.92E-04	1.48E-06	3.87E-04	0.00058	1.82E-04	1.88E-06	7.43E-04	9.27E-04
3170	471363.09	3846877.25	0.0658	0.07728	0.07079	9.79E-04	5.46E-06	1.84E-03	0.002827	1.00E-03	5.37E-06	2.05E-03	0.003055	9.51E-04	6.82E-06	3.93E-03	4.89E-03
3171	471863.09	3846877.25	0.06474	0.07044	0.06721	9.64E-04	4.97E-06	1.75E-03	0.002717	9.85E-04	4.90E-06	1.94E-03	0.002934	9.36E-04	6.22E-06	3.73E-03	4.68E-03
3172	472363.09	3846877.25	0.07252	0.07373	0.07616	1.08E-03	5.21E-06	1.98E-03	0.003066	1.10E-03	5.12E-06	2.20E-03	0.003312	1.05E-03	6.51E-06	4.23E-03	5.29E-03
3173	472863.09	3846877.25	0.04173	0.05152	0.04526	6.21E-04	3.64E-06	1.18E-03	0.001802	6.35E-04	3.58E-06	1.31E-03	0.001948	6.03E-04	4.55E-06	2.51E-03	3.12E-03
3174	473363.09	3846877.25	0.04174	0.04764	0.04422	6.21E-04	3.36E-06	1.15E-03	0.001775	6.35E-04	3.31E-06	1.28E-03	0.001918	6.03E-04	4.20E-06	2.46E-03	3.06E-03
3175	473863.09	3846877.25	0.04339	0.04997	0.04403	6.46E-04	3.53E-06	1.15E-03	0.001795	6.60E-04	3.47E-06	1.27E-03	0.001937	6.27E-04	4.41E-06	2.45E-03	3.08E-03
3176	474363.09	3846877.25	0.04707	0.0541	0.05198	7.01E-04	3.82E-06	1.35E-03	0.002057	7.16E-04	3.76E-06	1.50E-03	0.002224	6.80E-04	4.77E-06	2.89E-03	3.57E-03
3177	474863.09	3846877.25	0.04499	0.04755	0.04728	6.70E-04	3.36E-06	1.23E-03	0.001903	6.84E-04	3.30E-06	1.37E-03	0.002056	6.50E-04	4.20E-06	2.63E-03	3.28E-03
3178	475363.09	3846877.25	0.06852	0.07785	0.07311	1.02E-03	5.50E-06	1.90E-03	0.002927	1.04E-03	5.41E-06	2.12E-03	0.003163	9.90E-04	6.87E-06	4.06E-03	5.06E-03
3179	475863.09	3846877.25	0.08919	0.09955	0.09492	1.33E-03	7.03E-06	2.47E-03	0.003804	1.36E-03	6.92E-06	2.75E-03	0.00411	1.29E-03	8.78E-06	5.27E-03	6.57E-03
3180	476363.09	3846877.25	0.09413	0.11432	0.10366	1.40E-03	8.07E-06	2.70E-03	0.004106	1.43E-03	7.95E-06	3.00E-03	0.004439	1.36E-03	1.01E-05	5.76E-03	7.13E-03
3181	476863.09	3846877.25	0.08269	0.08785	0.09048	1.23E-03	6.20E-06	2.35E-03	0.003591	1.26E-03	6.11E-06	2.62E-03	0.003882	1.19E-03	7.75E-06	5.03E-03	6.23E-03
3182	477363.09	3846877.25	0.06947	0.07586	0.07721	1.03E-03	5.36E-06	2.01E-03	0.003048	1.06E-03	5.27E-06	2.23E-03	0.003296	1.00E-03	6.69E-06	4.29E-03	5.30E-03
3183	477863.09	3846877.25	0.05597	0.0621	0.06171	8.33E-04	4.38E-06	1.61E-03	0.002443	8.51E-04	4.32E-06	1.79E-03	0.002641	8.09E-04	5.48E-06	3.43E-03	4.24E-03
3184	478363.09	3846877.25	0.04945	0.05018	0.05014	7.36E-04	3.54E-06	1.30E-03	0.002044	7.52E-04	3.49E-06	1.45E-03	0.002206	7.15E-04	4.43E-06	2.79E-03	3.51E-03
3185	478863.09	3846877.25	0.05135	0.05656	0.05245	7.64E-04	3.99E-06	1.36E-03	0.002133	7.81E-04	3.93E-06	1.52E-03	0.002303	7.42E-04	4.99E-06	2.91E-03	3.66E-03
3186	479363.09	3846877.25	0.04557	0.05477	0.04669	6.78E-04	3.87E-06	1.21E-03	0.001897	6.93E-04	3.81E-06	1.35E-03	0.002048	6.58E-04	4.83E-06	2.59E-03	3.26E-03
3187	479863.09	3846877.25	0.03458	0.03935	0.03539	5.15E-04	2.78E-06	9.21E-04	0.001438	5.26E-04	2.73E-06	1.02E-03	0.001553	5.00E-04	3.47E-06	1.97E-03	2.47E-03
3188	480363.09	3846877.25	0.02782	0.02947	0.02845	4.14E-04	2.08E-06	7.40E-04	0.001156	4.23E-04	2.05E-06	8.23E-04	0.001248	4.02E-04	2.60E-06	1.58E-03	1.99E-03
3189	480863.09	3846877.25	0.02453	0.02613	0.02544	3.65E-04	1.84E-06	6.62E-04	0.001029	3.73E-04	1.82E-06	7.36E-04	0.001111	3.54E-04	2.31E-06	1.41E-03	1.77E-03
3190	481363.09	3846877.25	0.02485	0.03124	0.02535	3.70E-04	2.21E-06	6.60E-04	0.001032	3.78E-04	2.17E-06	7.34E-04	0.001114	3.59E-04	2.76E-06	1.41E-03	1.77E-03
3191	481863.09	3846877.25	0.02222	0.02801	0.02325	3.31E-04	1.98E-06	6.05E-04	0.000938	3.38E-04	1.95E-06	6.73E-04	0.001013	3.21E-04	2.47E-06	1.29E-03	1.62E-03
3192	482363.09	3846877.25	0.01772	0.0206	0.01903	2.64E-04	1.45E-06	4.95E-04	0.00076	2.69E-04	1.43E-06	5.51E-04	0.000822	2.56E-04	1.82E-06	1.06E-03	1.32E-03

3193	482863.09	3846877.25	0.01826	0.02296	0.01861	2.72E-04	1.62E-06	4.84E-04	0.000758	2.78E-04	1.60E-06	5.39E-04	0.000818	2.64E-04	2.03E-06	1.03E-03	1.30E-03
3194	483363.09	3846877.25	0.01815	0.02076	0.01835	2.70E-04	1.47E-06	4.77E-04	0.000749	2.76E-04	1.44E-06	5.31E-04	0.000808	2.62E-04	1.83E-06	1.02E-03	1.28E-03
3195	483863.09	3846877.25	0.01713	0.01951	0.01808	2.55E-04	1.38E-06	4.70E-04	0.000727	2.61E-04	1.36E-06	5.23E-04	0.000785	2.48E-04	1.72E-06	1.00E-03	1.25E-03
3196	484363.09	3846877.25	0.01519	0.01619	0.01649	2.26E-04	1.14E-06	4.29E-04	0.000656	2.31E-04	1.13E-06	4.77E-04	0.000709	2.19E-04	1.43E-06	9.16E-04	1.14E-03
3197	484863.09	3846877.25	0.01503	0.01686	0.01591	2.24E-04	1.19E-06	4.14E-04	0.000639	2.29E-04	1.17E-06	4.60E-04	0.00069	2.17E-04	1.49E-06	8.84E-04	1.10E-03
3198	485363.09	3846877.25	0.01405	0.01589	0.0147	2.09E-04	1.12E-06	3.82E-04	0.000593	2.14E-04	1.10E-06	4.25E-04	0.00064	2.03E-04	1.40E-06	8.17E-04	1.02E-03
3199	485863.09	3846877.25	0.01311	0.01569	0.01396	1.95E-04	1.11E-06	3.63E-04	0.000559	1.99E-04	1.09E-06	4.04E-04	0.000604	1.89E-04	1.38E-06	7.76E-04	9.67E-04
3200	486363.09	3846877.25	0.01307	0.0176	0.01429	1.95E-04	1.24E-06	3.72E-04	0.000568	1.99E-04	1.22E-06	4.14E-04	0.000614	1.89E-04	1.55E-06	7.94E-04	9.84E-04
3201	486863.09	3846877.25	0.01146	0.01621	0.01235	1.71E-04	1.14E-06	3.21E-04	0.000493	1.74E-04	1.13E-06	3.57E-04	0.000533	1.66E-04	1.43E-06	6.86E-04	8.53E-04
3202	487363.09	3846877.25	0.00995	0.01271	0.01154	1.48E-04	8.97E-07	3.00E-04	0.000449	1.51E-04	8.83E-07	3.34E-04	0.000486	1.44E-04	1.12E-06	6.41E-04	7.86E-04
3203	487863.09	3846877.25	0.00984	0.0131	0.01085	1.46E-04	9.25E-07	2.82E-04	0.00043	1.50E-04	9.10E-07	3.14E-04	0.000465	1.42E-04	1.16E-06	6.03E-04	7.46E-04
3204	488363.09	3846877.25	0.00999	0.01342	0.0112	1.49E-04	9.48E-07	2.91E-04	0.000441	1.52E-04	9.33E-07	3.24E-04	0.000477	1.44E-04	1.18E-06	6.22E-04	7.68E-04
3205	488863.09	3846877.25	0.01011	0.01244	0.01146	1.50E-04	8.78E-07	2.98E-04	0.00045	1.54E-04	8.65E-07	3.32E-04	0.000486	1.46E-04	1.10E-06	6.37E-04	7.84E-04
3206	489363.09	3846877.25	0.0094	0.01204	0.01078	1.40E-04	8.50E-07	2.80E-04	0.000421	1.43E-04	8.37E-07	3.12E-04	0.000456	1.36E-04	1.06E-06	5.99E-04	7.36E-04
3207	489863.09	3846877.25	0.00933	0.01364	0.01038	1.39E-04	9.63E-07	2.70E-04	0.00041	1.42E-04	9.48E-07	3.00E-04	0.000443	1.35E-04	1.20E-06	5.77E-04	7.13E-04
3208	490363.09	3846877.25	0.00821	0.01418	0.00941	1.22E-04	1.00E-06	2.45E-04	0.000368	1.25E-04	9.86E-07	2.72E-04	0.000398	1.19E-04	1.25E-06	5.23E-04	6.43E-04
3209	490863.09	3846877.25	0.00793	0.01292	0.00896	1.18E-04	9.12E-07	2.33E-04	0.000352	1.21E-04	8.98E-07	2.59E-04	0.000381	1.15E-04	1.14E-06	4.98E-04	6.14E-04
3210	491363.09	3846877.25	0.00721	0.01265	0.00875	1.07E-04	8.93E-07	2.28E-04	0.000336	1.10E-04	8.79E-07	2.53E-04	0.000364	1.04E-04	1.12E-06	4.86E-04	5.92E-04
3211	491863.09	3846877.25	0.00679	0.01259	0.00868	1.01E-04	8.89E-07	2.26E-04	0.000328	1.03E-04	8.75E-07	2.51E-04	0.000355	9.81E-05	1.11E-06	4.82E-04	5.82E-04
3212	492363.09	3846877.25	0.00723	0.01374	0.00909	1.08E-04	9.70E-07	2.36E-04	0.000345	1.10E-04	9.55E-07	2.63E-04	0.000374	1.04E-04	1.21E-06	5.05E-04	6.11E-04
3213	492863.09	3846877.25	0.00778	0.01457	0.00934	1.16E-04	1.03E-06	2.43E-04	0.00036	1.18E-04	1.01E-06	2.70E-04	0.00039	1.12E-04	1.29E-06	5.19E-04	6.33E-04
3214	493363.09	3846877.25	0.00849	0.01483	0.00979	1.26E-04	1.05E-06	2.55E-04	0.000382	1.29E-04	1.03E-06	2.83E-04	0.000413	1.23E-04	1.31E-06	5.44E-04	6.68E-04
3215	493863.09	3846877.25	0.00884	0.01403	0.01056	1.32E-04	9.91E-07	2.75E-04	0.000407	1.34E-04	9.75E-07	3.06E-04	0.000441	1.28E-04	1.24E-06	5.87E-04	7.16E-04
3216	494363.09	3846877.25	0.00899	0.01502	0.01079	1.34E-04	1.06E-06	2.81E-04	0.000416	1.37E-04	1.04E-06	3.12E-04	0.00045	1.30E-04	1.33E-06	6.00E-04	7.31E-04
3217	494863.09	3846877.25	0.00954	0.0166	0.01142	1.42E-04	1.17E-06	2.97E-04	0.00044	1.45E-04	1.15E-06	3.30E-04	0.000477	1.38E-04	1.46E-06	6.35E-04	7.74E-04
3218	495363.09	3846877.25	0.01039	0.01898	0.01187	1.55E-04	1.34E-06	3.09E-04	0.000465	1.58E-04	1.32E-06	3.43E-04	0.000503	1.50E-04	1.67E-06	6.60E-04	8.11E-04
3219	495863.09	3846877.25	0.01106	0.01994	0.0126	1.65E-04	1.41E-06	3.28E-04	0.000494	1.68E-04	1.39E-06	3.65E-04	0.000534	1.60E-04	1.76E-06	7.00E-04	8.62E-04
3220	496363.09	3846877.25	0.01141	0.02128	0.01324	1.70E-04	1.50E-06	3.44E-04	0.000516	1.74E-04	1.48E-06	3.83E-04	0.000558	1.65E-04	1.88E-06	7.36E-04	9.02E-04
3221	496863.09	3846877.25	0.01209	0.0197	0.01308	1.80E-04	1.39E-06	3.40E-04	0.000522	1.84E-04	1.37E-06	3.79E-04	0.000564	1.75E-04	1.74E-06	7.27E-04	9.03E-04
3222	497363.09	3846877.25	0.01311	0.02184	0.01387	1.95E-04	1.54E-06	3.61E-04	0.000558	1.99E-04	1.52E-06	4.01E-04	0.000602	1.89E-04	1.93E-06	7.71E-04	9.62E-04
3223	497863.09	3846877.25	0.01359	0.02361	0.01472	2.02E-04	1.67E-06	3.83E-04	0.000587	2.07E-04	1.64E-06	4.26E-04	0.000634	1.96E-04	2.08E-06	8.18E-04	1.02E-03
3224	498363.09	3846877.25	0.01374	0.02245	0.01474	2.05E-04	1.59E-06	3.83E-04	0.00059	2.09E-04	1.56E-06	4.27E-04	0.000637	1.99E-04	1.98E-06	8.19E-04	1.02E-03
3225	471363.09	3847377.25	0.06935	0.08511	0.07354	1.03E-03	6.01E-06	1.91E-03	0.002951	1.05E-03	5.92E-06	2.13E-03	0.003189	1.00E-03	7.51E-06	4.09E-03	5.10E-03
3226	471863.09	3847377.25	0.07173	0.08576	0.08091	1.07E-03	6.06E-06	2.10E-03	0.003179	1.09E-03	5.96E-06	2.34E-03	0.003438	1.04E-03	7.57E-06	4.50E-03	5.54E-03
3227	472363.09	3847377.25	0.06436	0.08605	0.07337	9.58E-04	6.08E-06	1.91E-03	0.002873	9.79E-04	5.98E-06	2.12E-03	0.003108	9.30E-04	7.59E-06	4.08E-03	5.01E-03
3228	472863.09	3847377.25	0.07291	0.08258	0.07372	1.09E-03	5.83E-06	1.92E-03	0.003009	1.11E-03	5.74E-06	2.13E-03	0.003248	1.05E-03	7.29E-06	4.10E-03	5.16E-03
3229	473363.09	3847377.25	0.0592	0.07047	0.06513	8.81E-04	4.98E-06	1.69E-03	0.002581	9.00E-04	4.90E-06	1.88E-03	0.00279	8.55E-04	6.22E-06	3.62E-03	4.48E-03
3230	473863.09	3847377.25	0.05039	0.06907	0.05633	7.50E-04	4.88E-06	1.47E-03	0.00222	7.66E-04	4.80E-06	1.63E-03	0.002401	7.28E-04	6.09E-06	3.13E-03	3.86E-03
3231	474363.09	3847377.25	0.05453	0.06205	0.05914	8.12E-04	4.38E-06	1.54E-03	0.002355	8.29E-04	4.31E-06	1.71E-03	0.002545	7.88E-04	5.47E-06	3.29E-03	4.08E-03
3232	474863.09	3847377.25	0.05292	0.05418	0.05802	7.88E-04	3.83E-06	1.51E-03	0.002301	8.05E-04	3.77E-06	1.68E-03	0.002488	7.65E-04	4.78E-06	3.22E-03	3.99E-03
3233	475363.09	3847377.25	0.04604	0.05285	0.04983	6.85E-04	3.73E-06	1.30E-03	0.001985	7.00E-04	3.67E-06	1.44E-03	0.002146	6.65E-04	4.66E-06	2.77E-03	3.44E-03
3234	475863.09	3847377.25	0.08349	0.0929	0.0866	1.24E-03	6.56E-06	2.25E-03	0.003502	1.27E-03	6.46E-06	2.51E-03	0.003782	1.21E-03	8.20E-06	4.81E-03	6.03E-03
3235	476363.09	3847377.25	0.10622	0.12033	0.11566	1.58E-03	8.50E-06	3.01E-03	0.004599	1.62E-03	8.36E-06	3.35E-03	0.004971	1.53E-03	1.06E-05	6.43E-03	7.97E-03
3236	476863.09	3847377.25	0.10938	0.12519	0.11378	1.63E-03	8.84E-06	2.96E-03	0.004597	1.66E-03	8.70E-06	3.29E-03	0.004965	1.58E-03	1.10E-05	6.32E-03	7.91E-03
3237	477363.09	3847377.25	0.0893	0.09822	0.09644	1.33E-03	6.94E-06	2.51E-03	0.003845	1.36E-03	6.83E-06	2.79E-03	0.004156	1.29E-03	8.67E-06	5.36E-03	6.66E-03
3238	477863.09	3847377.25	0.07571	0.08582	0.08159	1.13E-03	6.06E-06	2.12E-03	0.003256	1.15E-03	5.96E-06	2.36E-03	0.003518	1.09E-03	7.57E-06	4.53E-03	5.64E-03
3239	478363.09	3847377.25	0.06302	0.06908	0.06494	9.38E-04	4.88E-06	1.69E-03	0.002632	9.58E-04	4.80E-06	1.88E-03	0.002842	9.11E-04	6.10E-06	3.61E-03	4.53E-03

3240	478863.09	3847377.25	0.05773	0.0562	0.05894	8.59E-04	3.97E-06	1.53E-03	0.002397	8.78E-04	3.91E-06	1.71E-03	0.002587	8.34E-04	4.96E-06	3.28E-03	4.11E-03
3241	479363.09	3847377.25	0.04772	0.0542	0.04771	7.10E-04	3.83E-06	1.24E-03	0.001955	7.26E-04	3.77E-06	1.38E-03	0.00211	6.90E-04	4.78E-06	2.65E-03	3.35E-03
3242	479863.09	3847377.25	0.02964	0.04104	0.03078	4.41E-04	2.90E-06	8.01E-04	0.001245	4.51E-04	2.85E-06	8.91E-04	0.001344	4.28E-04	3.62E-06	1.71E-03	2.14E-03
3243	480363.09	3847377.25	0.02204	0.02579	0.02318	3.28E-04	1.82E-06	6.03E-04	0.000933	3.35E-04	1.79E-06	6.71E-04	0.001008	3.18E-04	2.28E-06	1.29E-03	1.61E-03
3244	480863.09	3847377.25	0.01936	0.02194	0.02032	2.88E-04	1.55E-06	5.29E-04	0.000818	2.94E-04	1.52E-06	5.88E-04	0.000884	2.80E-04	1.94E-06	1.13E-03	1.41E-03
3245	481363.09	3847377.25	0.01981	0.02699	0.02146	2.95E-04	1.91E-06	5.58E-04	0.000855	3.01E-04	1.88E-06	6.21E-04	0.000924	2.86E-04	2.38E-06	1.19E-03	1.48E-03
3246	481863.09	3847377.25	0.02432	0.03182	0.02539	3.62E-04	2.25E-06	6.61E-04	0.001025	3.70E-04	2.21E-06	7.35E-04	0.001107	3.51E-04	2.81E-06	1.41E-03	1.77E-03
3247	482363.09	3847377.25	0.02152	0.02696	0.02333	3.20E-04	1.90E-06	6.07E-04	0.000929	3.27E-04	1.87E-06	6.75E-04	0.001004	3.11E-04	2.38E-06	1.30E-03	1.61E-03
3248	482863.09	3847377.25	0.02085	0.02709	0.0208	3.10E-04	1.91E-06	5.41E-04	0.000853	3.17E-04	1.88E-06	6.02E-04	0.000921	3.01E-04	2.39E-06	1.16E-03	1.46E-03
3249	483363.09	3847377.25	0.02058	0.02332	0.0208	3.06E-04	1.65E-06	5.41E-04	0.000849	3.13E-04	1.62E-06	6.02E-04	0.000917	2.97E-04	2.06E-06	1.16E-03	1.46E-03
3250	483863.09	3847377.25	0.01921	0.02264	0.02012	2.86E-04	1.60E-06	5.23E-04	0.000811	2.92E-04	1.57E-06	5.82E-04	0.000876	2.78E-04	2.00E-06	1.12E-03	1.40E-03
3251	484363.09	3847377.25	0.01899	0.01916	0.01952	2.83E-04	1.35E-06	5.08E-04	0.000792	2.89E-04	1.33E-06	5.65E-04	0.000855	2.74E-04	1.69E-06	1.08E-03	1.36E-03
3252	484863.09	3847377.25	0.01738	0.01858	0.01865	2.59E-04	1.31E-06	4.85E-04	0.000745	2.64E-04	1.29E-06	5.40E-04	0.000805	2.51E-04	1.64E-06	1.04E-03	1.29E-03
3253	485363.09	3847377.25	0.0162	0.0209	0.01758	2.41E-04	1.48E-06	4.57E-04	0.0007	2.46E-04	1.45E-06	5.09E-04	0.000757	2.34E-04	1.84E-06	9.77E-04	1.21E-03
3254	485863.09	3847377.25	0.01603	0.02199	0.01724	2.39E-04	1.55E-06	4.49E-04	0.000689	2.44E-04	1.53E-06	4.99E-04	0.000744	2.32E-04	1.94E-06	9.58E-04	1.19E-03
3255	486363.09	3847377.25	0.01504	0.01991	0.01672	2.24E-04	1.41E-06	4.35E-04	0.00066	2.29E-04	1.38E-06	4.84E-04	0.000714	2.17E-04	1.76E-06	9.29E-04	1.15E-03
3256	486863.09	3847377.25	0.01397	0.01866	0.01431	2.08E-04	1.32E-06	3.72E-04	0.000582	2.12E-04	1.30E-06	4.14E-04	0.000628	2.02E-04	1.65E-06	7.95E-04	9.99E-04
3257	487363.09	3847377.25	0.01271	0.01538	0.0132	1.89E-04	1.09E-06	3.43E-04	0.000534	1.93E-04	1.07E-06	3.82E-04	0.000576	1.84E-04	1.36E-06	7.33E-04	9.18E-04
3258	487863.09	3847377.25	0.01135	0.01469	0.01264	1.69E-04	1.04E-06	3.29E-04	0.000499	1.73E-04	1.02E-06	3.66E-04	0.000539	1.64E-04	1.30E-06	7.02E-04	8.68E-04
3259	488363.09	3847377.25	0.01176	0.01592	0.0128	1.75E-04	1.12E-06	3.33E-04	0.000509	1.79E-04	1.11E-06	3.70E-04	0.00055	1.70E-04	1.40E-06	7.11E-04	8.83E-04
3260	488863.09	3847377.25	0.01162	0.01297	0.01264	1.73E-04	9.16E-07	3.29E-04	0.000503	1.77E-04	9.01E-07	3.66E-04	0.000543	1.68E-04	1.14E-06	7.02E-04	8.71E-04
3261	489363.09	3847377.25	0.01094	0.01544	0.01232	1.63E-04	1.09E-06	3.21E-04	0.000484	1.66E-04	1.07E-06	3.57E-04	0.000524	1.58E-04	1.36E-06	6.85E-04	8.44E-04
3262	489863.09	3847377.25	0.00998	0.01756	0.01154	1.49E-04	1.24E-06	3.00E-04	0.00045	1.52E-04	1.22E-06	3.34E-04	0.000487	1.44E-04	1.55E-06	6.41E-04	7.87E-04
3263	490363.09	3847377.25	0.00944	0.01809	0.01078	1.41E-04	1.28E-06	2.80E-04	0.000422	1.44E-04	1.26E-06	3.12E-04	0.000457	1.36E-04	1.60E-06	5.99E-04	7.37E-04
3264	490863.09	3847377.25	0.00899	0.01591	0.01028	1.34E-04	1.12E-06	2.67E-04	0.000402	1.37E-04	1.11E-06	2.97E-04	0.000435	1.30E-04	1.40E-06	5.71E-04	7.03E-04
3265	491363.09	3847377.25	0.00857	0.01594	0.00961	1.28E-04	1.13E-06	2.50E-04	0.000379	1.30E-04	1.11E-06	2.78E-04	0.00041	1.24E-04	1.41E-06	5.34E-04	6.59E-04
3266	491863.09	3847377.25	0.00929	0.01633	0.01125	1.38E-04	1.15E-06	2.93E-04	0.000432	1.41E-04	1.13E-06	3.26E-04	0.000468	1.34E-04	1.44E-06	6.25E-04	7.61E-04
3267	492363.09	3847377.25	0.00904	0.01554	0.01002	1.35E-04	1.10E-06	2.61E-04	0.000396	1.37E-04	1.08E-06	2.90E-04	0.000429	1.31E-04	1.37E-06	5.57E-04	6.89E-04
3268	492863.09	3847377.25	0.00943	0.01636	0.01122	1.40E-04	1.16E-06	2.92E-04	0.000433	1.43E-04	1.14E-06	3.25E-04	0.000469	1.36E-04	1.44E-06	6.23E-04	7.61E-04
3269	493363.09	3847377.25	0.00963	0.01565	0.0121	1.43E-04	1.11E-06	3.15E-04	0.000459	1.46E-04	1.09E-06	3.50E-04	0.000498	1.39E-04	1.38E-06	6.72E-04	8.13E-04
3270	493863.09	3847377.25	0.00943	0.01609	0.01137	1.40E-04	1.14E-06	2.96E-04	0.000437	1.43E-04	1.12E-06	3.29E-04	0.000474	1.36E-04	1.42E-06	6.32E-04	7.69E-04
3271	494363.09	3847377.25	0.00992	0.01738	0.0113	1.48E-04	1.23E-06	2.94E-04	0.000443	1.51E-04	1.21E-06	3.27E-04	0.000479	1.43E-04	1.53E-06	6.28E-04	7.73E-04
3272	494863.09	3847377.25	0.01052	0.01955	0.0117	1.57E-04	1.38E-06	3.04E-04	0.000462	1.60E-04	1.36E-06	3.39E-04	0.0005	1.52E-04	1.72E-06	6.50E-04	8.04E-04
3273	495363.09	3847377.25	0.01094	0.02025	0.01224	1.63E-04	1.43E-06	3.18E-04	0.000483	1.66E-04	1.41E-06	3.54E-04	0.000522	1.58E-04	1.79E-06	6.80E-04	8.40E-04
3274	495863.09	3847377.25	0.01133	0.02014	0.01264	1.69E-04	1.42E-06	3.29E-04	0.000499	1.72E-04	1.40E-06	3.66E-04	0.000539	1.64E-04	1.78E-06	7.02E-04	8.68E-04
3275	496363.09	3847377.25	0.01184	0.02001	0.01301	1.76E-04	1.41E-06	3.38E-04	0.000516	1.80E-04	1.39E-06	3.76E-04	0.000558	1.71E-04	1.77E-06	7.23E-04	8.96E-04
3276	496863.09	3847377.25	0.0127	0.02123	0.01407	1.89E-04	1.50E-06	3.66E-04	0.000557	1.93E-04	1.48E-06	4.07E-04	0.000602	1.84E-04	1.87E-06	7.82E-04	9.67E-04
3277	497363.09	3847377.25	0.01368	0.02269	0.01484	2.04E-04	1.60E-06	3.86E-04	0.000591	2.08E-04	1.58E-06	4.29E-04	0.000639	1.98E-04	2.00E-06	8.25E-04	1.02E-03
3278	497863.09	3847377.25	0.01479	0.02465	0.01582	2.20E-04	1.74E-06	4.12E-04	0.000633	2.25E-04	1.71E-06	4.58E-04	0.000684	2.14E-04	2.17E-06	8.79E-04	1.09E-03
3279	498363.09	3847377.25	0.01493	0.02571	0.0164	2.22E-04	1.82E-06	4.27E-04	0.000651	2.27E-04	1.79E-06	4.75E-04	0.000703	2.16E-04	2.27E-06	9.11E-04	1.13E-03
3280	471363.09	3847877.25	0.08746	0.1112	0.09965	1.30E-03	7.85E-06	2.59E-03	0.003902	1.33E-03	7.73E-06	2.88E-03	0.004221	1.26E-03	9.81E-06	5.54E-03	6.81E-03
3281	471863.09	3847877.25	0.08342	0.10565	0.08851	1.24E-03	7.46E-06	2.30E-03	0.003552	1.27E-03	7.34E-06	2.56E-03	0.003837	1.21E-03	9.32E-06	4.92E-03	6.13E-03
3282	472363.09	3847877.25	0.08132	0.09446	0.08518	1.21E-03	6.67E-06	2.22E-03	0.003433	1.24E-03	6.57E-06	2.46E-03	0.003708	1.18E-03	8.33E-06	4.73E-03	5.92E-03
3283	472863.09	3847877.25	0.07879	0.09826	0.08468	1.17E-03	6.94E-06	2.20E-03	0.003383	1.20E-03	6.83E-06	2.45E-03	0.003656	1.14E-03	8.67E-06	4.71E-03	5.85E-03
3284	473363.09	3847877.25	0.08293	0.08784	0.08726	1.23E-03	6.20E-06	2.27E-03	0.003511	1.26E-03	6.11E-06	2.53E-03	0.003792	1.20E-03	7.75E-06	4.85E-03	6.05E-03
3285	473863.09	3847877.25	0.08304	0.09605	0.09254	1.24E-03	6.78E-06	2.41E-03	0.00365	1.26E-03	6.68E-06	2.68E-03	0.003947	1.20E-03	8.47E-06	5.14E-03	6.35E-03
3286	474363.09	3847877.25	0.06906	0.07545	0.07699	1.03E-03	5.33E-06	2.00E-03	0.003036	1.05E-03	5.24E-06	2.23E-03	0.003283	9.98E-04	6.66E-06	4.28E-03	5.28E-03

3287	474863.09	3847877.25	0.06545	0.07266	0.06898	9.74E-04	5.13E-06	1.79E-03	0.002774	9.95E-04	5.05E-06	2.00E-03	0.002997	9.46E-04	6.41E-06	3.83E-03	4.79E-03
3288	475363.09	3847877.25	0.05628	0.06232	0.06035	8.38E-04	4.40E-06	1.57E-03	0.002412	8.56E-04	4.33E-06	1.75E-03	0.002607	8.13E-04	5.50E-06	3.35E-03	4.17E-03
3289	475863.09	3847877.25	0.0517	0.05609	0.0537	7.70E-04	3.96E-06	1.40E-03	0.002171	7.86E-04	3.90E-06	1.55E-03	0.002344	7.47E-04	4.95E-06	2.98E-03	3.74E-03
3290	476363.09	3847877.25	0.1014	0.11136	0.10545	1.51E-03	7.86E-06	2.74E-03	0.004261	1.54E-03	7.74E-06	3.05E-03	0.004601	1.47E-03	9.83E-06	5.86E-03	7.33E-03
3291	476863.09	3847877.25	0.12034	0.13743	0.13016	1.79E-03	9.70E-06	3.39E-03	0.005187	1.83E-03	9.55E-06	3.77E-03	0.005606	1.74E-03	1.21E-05	7.23E-03	8.98E-03
3292	477363.09	3847877.25	0.12465	0.14703	0.13217	1.86E-03	1.04E-05	3.44E-03	0.005304	1.90E-03	1.02E-05	3.82E-03	0.005731	1.80E-03	1.30E-05	7.34E-03	9.16E-03
3293	477863.09	3847877.25	0.09541	0.10758	0.10337	1.42E-03	7.60E-06	2.69E-03	0.004117	1.45E-03	7.48E-06	2.99E-03	0.00445	1.38E-03	9.49E-06	5.74E-03	7.13E-03
3294	478363.09	3847877.25	0.0947	0.09628	0.10039	1.41E-03	6.80E-06	2.61E-03	0.004028	1.44E-03	6.69E-06	2.91E-03	0.004352	1.37E-03	8.50E-06	5.58E-03	6.96E-03
3295	478863.09	3847877.25	0.0684	0.07101	0.07302	1.02E-03	5.01E-06	1.90E-03	0.002923	1.04E-03	4.94E-06	2.11E-03	0.003158	9.88E-04	6.27E-06	4.06E-03	5.05E-03
3296	479363.09	3847877.25	0.04462	0.04578	0.04557	6.64E-04	3.23E-06	1.19E-03	0.001853	6.79E-04	3.18E-06	1.32E-03	0.002	6.45E-04	4.04E-06	2.53E-03	3.18E-03
3297	479863.09	3847877.25	0.02521	0.03517	0.02682	3.75E-04	2.48E-06	6.98E-04	0.001075	3.83E-04	2.44E-06	7.76E-04	0.001162	3.64E-04	3.10E-06	1.49E-03	1.86E-03
3298	480363.09	3847877.25	0.02529	0.03211	0.02695	3.76E-04	2.27E-06	7.01E-04	0.00108	3.85E-04	2.23E-06	7.80E-04	0.001167	3.65E-04	2.83E-06	1.50E-03	1.87E-03
3299	480863.09	3847877.25	0.02372	0.02807	0.02453	3.53E-04	1.98E-06	6.38E-04	0.000993	3.61E-04	1.95E-06	7.10E-04	0.001073	3.43E-04	2.48E-06	1.36E-03	1.71E-03
3300	481363.09	3847877.25	0.02229	0.02646	0.02347	3.32E-04	1.87E-06	6.11E-04	0.000944	3.39E-04	1.84E-06	6.79E-04	0.00102	3.22E-04	2.33E-06	1.30E-03	1.63E-03
3301	481863.09	3847877.25	0.02881	0.03646	0.02936	4.29E-04	2.57E-06	7.64E-04	0.001195	4.38E-04	2.53E-06	8.50E-04	0.00129	4.16E-04	3.22E-06	1.63E-03	2.05E-03
3302	482363.09	3847877.25	0.02565	0.03168	0.02703	3.82E-04	2.24E-06	7.03E-04	0.001087	3.90E-04	2.20E-06	7.82E-04	0.001174	3.71E-04	2.80E-06	1.50E-03	1.88E-03
3303	482863.09	3847877.25	0.02332	0.03388	0.02327	3.47E-04	2.39E-06	6.05E-04	0.000955	3.55E-04	2.35E-06	6.73E-04	0.00103	3.37E-04	2.99E-06	1.29E-03	1.63E-03
3304	483363.09	3847877.25	0.02328	0.02651	0.02396	3.47E-04	1.87E-06	6.23E-04	0.000972	3.54E-04	1.84E-06	6.93E-04	0.001049	3.36E-04	2.34E-06	1.33E-03	1.67E-03
3305	483863.09	3847877.25	0.02211	0.02769	0.02373	3.29E-04	1.96E-06	6.17E-04	0.000948	3.36E-04	1.92E-06	6.87E-04	0.001025	3.19E-04	2.44E-06	1.32E-03	1.64E-03
3306	484363.09	3847877.25	0.02163	0.0232	0.02279	3.22E-04	1.64E-06	5.93E-04	0.000916	3.29E-04	1.61E-06	6.59E-04	0.00099	3.13E-04	2.05E-06	1.27E-03	1.58E-03
3307	484863.09	3847877.25	0.02022	0.02346	0.02111	3.01E-04	1.66E-06	5.49E-04	0.000852	3.08E-04	1.63E-06	6.11E-04	0.00092	2.92E-04	2.07E-06	1.17E-03	1.47E-03
3308	485363.09	3847877.25	0.01978	0.02391	0.02136	2.94E-04	1.69E-06	5.56E-04	0.000852	3.01E-04	1.66E-06	6.18E-04	0.000921	2.86E-04	2.11E-06	1.19E-03	1.47E-03
3309	485863.09	3847877.25	0.01905	0.02862	0.01997	2.84E-04	2.02E-06	5.20E-04	0.000805	2.90E-04	1.99E-06	5.78E-04	0.00087	2.75E-04	2.53E-06	1.11E-03	1.39E-03
3310	486363.09	3847877.25	0.01698	0.02191	0.01865	2.53E-04	1.55E-06	4.85E-04	0.000739	2.58E-04	1.52E-06	5.40E-04	0.000799	2.45E-04	1.93E-06	1.04E-03	1.28E-03
3311	486863.09	3847877.25	0.01628	0.01922	0.01694	2.42E-04	1.36E-06	4.41E-04	0.000684	2.48E-04	1.34E-06	4.90E-04	0.000739	2.35E-04	1.70E-06	9.41E-04	1.18E-03
3312	487363.09	3847877.25	0.01445	0.01766	0.01512	2.15E-04	1.25E-06	3.93E-04	0.00061	2.20E-04	1.23E-06	4.38E-04	0.000659	2.09E-04	1.56E-06	8.40E-04	1.05E-03
3313	487863.09	3847877.25	0.01327	0.01859	0.01441	1.98E-04	1.31E-06	3.75E-04	0.000574	2.02E-04	1.29E-06	4.17E-04	0.00062	1.92E-04	1.64E-06	8.01E-04	9.94E-04
3314	488363.09	3847877.25	0.01341	0.01753	0.01444	2.00E-04	1.24E-06	3.76E-04	0.000577	2.04E-04	1.22E-06	4.18E-04	0.000623	1.94E-04	1.55E-06	8.02E-04	9.98E-04
3315	488863.09	3847877.25	0.0131	0.01769	0.01441	1.95E-04	1.25E-06	3.75E-04	0.000571	1.99E-04	1.23E-06	4.17E-04	0.000617	1.89E-04	1.56E-06	8.01E-04	9.92E-04
3316	489363.09	3847877.25	0.01252	0.02178	0.01401	1.86E-04	1.54E-06	3.64E-04	0.000552	1.90E-04	1.51E-06	4.05E-04	0.000597	1.81E-04	1.92E-06	7.78E-04	9.61E-04
3317	489863.09	3847877.25	0.01252	0.02613	0.01365	1.86E-04	1.84E-06	3.55E-04	0.000543	1.90E-04	1.82E-06	3.95E-04	0.000587	1.81E-04	2.31E-06	7.58E-04	9.42E-04
3318	490363.09	3847877.25	0.01222	0.02263	0.01336	1.82E-04	1.60E-06	3.48E-04	0.000531	1.86E-04	1.57E-06	3.87E-04	0.000574	1.77E-04	2.00E-06	7.42E-04	9.21E-04
3319	490863.09	3847877.25	0.01148	0.0221	0.0124	1.71E-04	1.56E-06	3.23E-04	0.000495	1.75E-04	1.54E-06	3.59E-04	0.000535	1.66E-04	1.95E-06	6.89E-04	8.57E-04
3320	491363.09	3847877.25	0.01059	0.01929	0.01217	1.58E-04	1.36E-06	3.17E-04	0.000476	1.61E-04	1.34E-06	3.52E-04	0.000515	1.53E-04	1.70E-06	6.76E-04	8.31E-04
3321	491863.09	3847877.25	0.0107	0.01868	0.01183	1.59E-04	1.32E-06	3.08E-04	0.000468	1.63E-04	1.30E-06	3.42E-04	0.000506	1.55E-04	1.65E-06	6.57E-04	8.14E-04
3322	492363.09	3847877.25	0.01076	0.01863	0.01247	1.60E-04	1.32E-06	3.24E-04	0.000486	1.64E-04	1.29E-06	3.61E-04	0.000526	1.55E-04	1.64E-06	6.93E-04	8.50E-04
3323	492863.09	3847877.25	0.01083	0.01749	0.01308	1.61E-04	1.23E-06	3.40E-04	0.000503	1.65E-04	1.22E-06	3.79E-04	0.000544	1.56E-04	1.54E-06	7.27E-04	8.85E-04
3324	493363.09	3847877.25	0.01001	0.01759	0.01218	1.49E-04	1.24E-06	3.17E-04	0.000467	1.52E-04	1.22E-06	3.52E-04	0.000506	1.45E-04	1.55E-06	6.77E-04	8.23E-04
3325	493863.09	3847877.25	0.01043	0.01882	0.01162	1.55E-04	1.33E-06	3.02E-04	0.000459	1.59E-04	1.31E-06	3.36E-04	0.000496	1.51E-04	1.66E-06	6.46E-04	7.98E-04
3326	494363.09	3847877.25	0.01086	0.02133	0.01183	1.62E-04	1.51E-06	3.08E-04	0.000471	1.65E-04	1.48E-06	3.42E-04	0.000509	1.57E-04	1.88E-06	6.57E-04	8.16E-04
3327	494863.09	3847877.25	0.01124	0.02087	0.01237	1.67E-04	1.47E-06	3.22E-04	0.000491	1.71E-04	1.45E-06	3.58E-04	0.00053	1.62E-04	1.84E-06	6.87E-04	8.52E-04
3328	495363.09	3847877.25	0.0112	0.01946	0.01251	1.67E-04	1.37E-06	3.25E-04	0.000494	1.70E-04	1.35E-06	3.62E-04	0.000534	1.62E-04	1.72E-06	6.95E-04	8.59E-04
3329	495863.09	3847877.25	0.01053	0.01742	0.0117	1.57E-04	1.23E-06	3.04E-04	0.000462	1.60E-04	1.21E-06	3.39E-04	0.0005	1.52E-04	1.54E-06	6.50E-04	8.04E-04
3330	496363.09	3847877.25	0.0123	0.02001	0.01353	1.83E-04	1.41E-06	3.52E-04	0.000536	1.87E-04	1.39E-06	3.92E-04	0.00058	1.78E-04	1.77E-06	7.52E-04	9.31E-04
3331	496863.09	3847877.25	0.01298	0.02193	0.01428	1.93E-04	1.55E-06	3.72E-04	0.000566	1.97E-04	1.52E-06	4.13E-04	0.000612	1.88E-04	1.93E-06	7.93E-04	9.83E-04
3332	497363.09	3847877.25	0.01401	0.02339	0.01524	2.09E-04	1.65E-06	3.96E-04	0.000607	2.13E-04	1.63E-06	4.41E-04	0.000656	2.02E-04	2.06E-06	8.47E-04	1.05E-03
3333	497863.09	3847877.25	0.01624	0.02704	0.01733	2.42E-04	1.91E-06	4.51E-04	0.000694	2.47E-04	1.88E-06	5.01E-04	0.00075	2.35E-04	2.39E-06	9.63E-04	1.20E-03

3334	498363.09	3847877.25	0.01742	0.02988	0.01903	2.59E-04	2.11E-06	4.95E-04	0.000756	2.65E-04	2.08E-06	5.51E-04	0.000818	2.52E-04	2.64E-06	1.06E-03	1.31E-03
3335	471363.09	3848377.25	0.09496	0.10917	0.10457	1.41E-03	7.71E-06	2.72E-03	0.004142	1.44E-03	7.59E-06	3.03E-03	0.004478	1.37E-03	9.63E-06	5.81E-03	7.19E-03
3336	471863.09	3848377.25	0.10618	0.11851	0.11096	1.58E-03	8.37E-06	2.89E-03	0.004476	1.61E-03	8.24E-06	3.21E-03	0.004834	1.53E-03	1.05E-05	6.17E-03	7.71E-03
3337	472363.09	3848377.25	0.09203	0.12559	0.10415	1.37E-03	8.87E-06	2.71E-03	0.004088	1.40E-03	8.73E-06	3.01E-03	0.004422	1.33E-03	1.11E-05	5.79E-03	7.13E-03
3338	472863.09	3848377.25	0.08891	0.10962	0.09764	1.32E-03	7.74E-06	2.54E-03	0.003871	1.35E-03	7.62E-06	2.83E-03	0.004185	1.28E-03	9.67E-06	5.43E-03	6.72E-03
3339	473363.09	3848377.25	0.09079	0.1085	0.10128	1.35E-03	7.66E-06	2.63E-03	0.003994	1.38E-03	7.54E-06	2.93E-03	0.004319	1.31E-03	9.57E-06	5.63E-03	6.95E-03
3340	473863.09	3848377.25	0.08198	0.10715	0.08904	1.22E-03	7.57E-06	2.32E-03	0.003544	1.25E-03	7.45E-06	2.58E-03	0.003831	1.18E-03	9.45E-06	4.95E-03	6.14E-03
3341	474363.09	3848377.25	0.09456	0.10731	0.09659	1.41E-03	7.58E-06	2.51E-03	0.003928	1.44E-03	7.46E-06	2.80E-03	0.004241	1.37E-03	9.47E-06	5.37E-03	6.74E-03
3342	474863.09	3848377.25	0.08981	0.10443	0.08919	1.34E-03	7.37E-06	2.32E-03	0.003665	1.37E-03	7.26E-06	2.58E-03	0.003954	1.30E-03	9.21E-06	4.96E-03	6.26E-03
3343	475363.09	3848377.25	0.07692	0.09005	0.08119	1.14E-03	6.36E-06	2.11E-03	0.003264	1.17E-03	6.26E-06	2.35E-03	0.003526	1.11E-03	7.95E-06	4.51E-03	5.63E-03
3344	475863.09	3848377.25	0.06982	0.08171	0.07461	1.04E-03	5.77E-06	1.94E-03	0.002986	1.06E-03	5.68E-06	2.16E-03	0.003227	1.01E-03	7.21E-06	4.15E-03	5.16E-03
3345	476363.09	3848377.25	0.05545	0.06265	0.05881	8.25E-04	4.42E-06	1.53E-03	0.00236	8.43E-04	4.35E-06	1.70E-03	0.002549	8.01E-04	5.53E-06	3.27E-03	4.07E-03
3346	476863.09	3848377.25	0.12049	0.13657	0.12797	1.79E-03	9.64E-06	3.33E-03	0.005132	1.83E-03	9.49E-06	3.70E-03	0.005545	1.74E-03	1.20E-05	7.11E-03	8.86E-03
3347	477363.09	3848377.25	0.13448	0.15492	0.14552	2.00E-03	1.09E-05	3.79E-03	0.005798	2.05E-03	1.08E-05	4.21E-03	0.006267	1.94E-03	1.37E-05	8.09E-03	1.00E-02
3348	477863.09	3848377.25	0.1404	0.15918	0.14819	2.09E-03	1.12E-05	3.86E-03	0.005956	2.14E-03	1.11E-05	4.29E-03	0.006435	2.03E-03	1.40E-05	8.23E-03	1.03E-02
3349	478363.09	3848377.25	0.10382	0.12385	0.11491	1.55E-03	8.74E-06	2.99E-03	0.004544	1.58E-03	8.61E-06	3.33E-03	0.004913	1.50E-03	1.09E-05	6.39E-03	7.90E-03
3350	478863.09	3848377.25	0.09219	0.10045	0.10269	1.37E-03	7.09E-06	2.67E-03	0.004051	1.40E-03	6.98E-06	2.97E-03	0.004381	1.33E-03	8.86E-06	5.71E-03	7.05E-03
3351	479363.09	3848377.25	0.05388	0.05898	0.05492	8.02E-04	4.16E-06	1.43E-03	0.002235	8.19E-04	4.10E-06	1.59E-03	0.002413	7.79E-04	5.20E-06	3.05E-03	3.84E-03
3352	479863.09	3848377.25	0.01956	0.02256	0.02109	2.91E-04	1.59E-06	5.49E-04	0.000841	2.97E-04	1.57E-06	6.10E-04	0.000909	2.83E-04	1.99E-06	1.17E-03	1.46E-03
3353	480363.09	3848377.25	0.02631	0.03582	0.02773	3.92E-04	2.53E-06	7.21E-04	0.001116	4.00E-04	2.49E-06	8.02E-04	0.001205	3.80E-04	3.16E-06	1.54E-03	1.92E-03
3354	480863.09	3848377.25	0.03606	0.03825	0.0362	5.37E-04	2.70E-06	9.42E-04	0.001481	5.48E-04	2.66E-06	1.05E-03	0.001599	5.21E-04	3.37E-06	2.01E-03	2.54E-03
3355	481363.09	3848377.25	0.03356	0.03733	0.035	5.00E-04	2.64E-06	9.11E-04	0.001413	5.10E-04	2.59E-06	1.01E-03	0.001526	4.85E-04	3.29E-06	1.94E-03	2.43E-03
3356	481863.09	3848377.25	0.03391	0.04171	0.03433	5.05E-04	2.95E-06	8.93E-04	0.001401	5.16E-04	2.90E-06	9.93E-04	0.001512	4.90E-04	3.68E-06	1.91E-03	2.40E-03
3357	482363.09	3848377.25	0.03169	0.04576	0.03368	4.72E-04	3.23E-06	8.76E-04	0.001351	4.82E-04	3.18E-06	9.75E-04	0.00146	4.58E-04	4.04E-06	1.87E-03	2.33E-03
3358	482863.09	3848377.25	0.02776	0.03955	0.02826	4.13E-04	2.79E-06	7.35E-04	0.001151	4.22E-04	2.75E-06	8.18E-04	0.001243	4.01E-04	3.49E-06	1.57E-03	1.97E-03
3359	483363.09	3848377.25	0.0274	0.03199	0.02792	4.08E-04	2.26E-06	7.26E-04	0.001136	4.17E-04	2.22E-06	8.08E-04	0.001227	3.96E-04	2.82E-06	1.55E-03	1.95E-03
3360	483863.09	3848377.25	0.02493	0.03262	0.02622	3.71E-04	2.30E-06	6.82E-04	0.001056	3.79E-04	2.27E-06	7.59E-04	0.00114	3.60E-04	2.88E-06	1.46E-03	1.82E-03
3361	484363.09	3848377.25	0.02325	0.02773	0.02433	3.46E-04	1.96E-06	6.33E-04	0.000981	3.54E-04	1.93E-06	7.04E-04	0.00106	3.36E-04	2.45E-06	1.35E-03	1.69E-03
3362	484863.09	3848377.25	0.02384	0.02788	0.02403	3.55E-04	1.97E-06	6.25E-04	0.000982	3.63E-04	1.94E-06	6.95E-04	0.00106	3.44E-04	2.46E-06	1.34E-03	1.68E-03
3363	485363.09	3848377.25	0.02361	0.02865	0.02386	3.51E-04	2.02E-06	6.21E-04	0.000974	3.59E-04	1.99E-06	6.90E-04	0.001052	3.41E-04	2.53E-06	1.33E-03	1.67E-03
3364	485863.09	3848377.25	0.02169	0.03345	0.02226	3.23E-04	2.36E-06	5.79E-04	0.000904	3.30E-04	2.32E-06	6.44E-04	0.000976	3.13E-04	2.95E-06	1.24E-03	1.55E-03
3365	486363.09	3848377.25	0.01995	0.02454	0.0216	2.97E-04	1.73E-06	5.62E-04	0.000861	3.03E-04	1.71E-06	6.25E-04	0.00093	2.88E-04	2.17E-06	1.20E-03	1.49E-03
3366	486863.09	3848377.25	0.0181	0.02299	0.01885	2.69E-04	1.62E-06	4.90E-04	0.000761	2.75E-04	1.60E-06	5.45E-04	0.000822	2.62E-04	2.03E-06	1.05E-03	1.31E-03
3367	487363.09	3848377.25	0.01539	0.02047	0.0171	2.29E-04	1.45E-06	4.45E-04	0.000675	2.34E-04	1.42E-06	4.95E-04	0.00073	2.22E-04	1.81E-06	9.50E-04	1.17E-03
3368	487863.09	3848377.25	0.01534	0.02157	0.01656	2.28E-04	1.52E-06	4.31E-04	0.000661	2.33E-04	1.50E-06	4.79E-04	0.000714	2.22E-04	1.90E-06	9.20E-04	1.14E-03
3369	488363.09	3848377.25	0.016	0.02081	0.01691	2.38E-04	1.47E-06	4.40E-04	0.00068	2.43E-04	1.45E-06	4.89E-04	0.000734	2.31E-04	1.84E-06	9.40E-04	1.17E-03
3370	488863.09	3848377.25	0.01534	0.02308	0.01648	2.28E-04	1.63E-06	4.29E-04	0.000659	2.33E-04	1.60E-06	4.77E-04	0.000712	2.22E-04	2.04E-06	9.16E-04	1.14E-03
3371	489363.09	3848377.25	0.01442	0.02925	0.01534	2.15E-04	2.07E-06	3.99E-04	0.000616	2.19E-04	2.03E-06	4.44E-04	0.000665	2.08E-04	2.58E-06	8.52E-04	1.06E-03
3372	489863.09	3848377.25	0.01439	0.02786	0.01565	2.14E-04	1.97E-06	4.07E-04	0.000623	2.19E-04	1.94E-06	4.53E-04	0.000674	2.08E-04	2.46E-06	8.70E-04	1.08E-03
3373	490363.09	3848377.25	0.01376	0.02681	0.01483	2.05E-04	1.89E-06	3.86E-04	0.000593	2.09E-04	1.86E-06	4.29E-04	0.00064	1.99E-04	2.37E-06	8.24E-04	1.03E-03
3374	490863.09	3848377.25	0.01296	0.02414	0.01419	1.93E-04	1.70E-06	3.69E-04	0.000564	1.97E-04	1.68E-06	4.11E-04	0.000609	1.87E-04	2.13E-06	7.88E-04	9.78E-04
3375	491363.09	3848377.25	0.01228	0.02187	0.01422	1.83E-04	1.54E-06	3.70E-04	0.000554	1.87E-04	1.52E-06	4.11E-04	0.0006	1.77E-04	1.93E-06	7.90E-04	9.70E-04
3376	491863.09	3848377.25	0.01201	0.02168	0.01366	1.79E-04	1.53E-06	3.55E-04	0.000536	1.83E-04	1.51E-06	3.95E-04	0.000579	1.74E-04	1.91E-06	7.59E-04	9.34E-04
3377	492363.09	3848377.25	0.01169	0.01861	0.01382	1.74E-04	1.31E-06	3.60E-04	0.000535	1.78E-04	1.29E-06	4.00E-04	0.000579	1.69E-04	1.64E-06	7.68E-04	9.38E-04
3378	492863.09	3848377.25	0.01073	0.01948	0.01277	1.60E-04	1.38E-06	3.32E-04	0.000493	1.63E-04	1.35E-06	3.70E-04	0.000534	1.55E-04	1.72E-06	7.10E-04	8.66E-04
3379	493363.09	3848377.25	0.01094	0.02111	0.01237	1.63E-04	1.49E-06	3.22E-04	0.000486	1.66E-04	1.47E-06	3.58E-04	0.000526	1.58E-04	1.86E-06	6.87E-04	8.47E-04
3380	493863.09	3848377.25	0.01129	0.02163	0.01258	1.68E-04	1.53E-06	3.27E-04	0.000497	1.72E-04	1.50E-06	3.64E-04	0.000537	1.63E-04	1.91E-06	6.99E-04	8.64E-04

3381	494363.09	3848377.25	0.01125	0.02083	0.01241	1.67E-04	1.47E-06	3.23E-04	0.000492	1.71E-04	1.45E-06	3.59E-04	0.000532	1.63E-04	1.84E-06	6.90E-04	8.54E-04
3382	494863.09	3848377.25	0.01153	0.02072	0.01321	1.72E-04	1.46E-06	3.44E-04	0.000517	1.75E-04	1.44E-06	3.82E-04	0.000559	1.67E-04	1.83E-06	7.34E-04	9.02E-04
3383	495363.09	3848377.25	0.0115	0.01951	0.01275	1.71E-04	1.38E-06	3.32E-04	0.000504	1.75E-04	1.36E-06	3.69E-04	0.000545	1.66E-04	1.72E-06	7.08E-04	8.76E-04
3384	495863.09	3848377.25	0.01165	0.02022	0.01311	1.73E-04	1.43E-06	3.41E-04	0.000516	1.77E-04	1.41E-06	3.79E-04	0.000558	1.68E-04	1.78E-06	7.28E-04	8.99E-04
3385	496363.09	3848377.25	0.01264	0.02172	0.01412	1.88E-04	1.53E-06	3.67E-04	0.000557	1.92E-04	1.51E-06	4.09E-04	0.000602	1.83E-04	1.92E-06	7.85E-04	9.69E-04
3386	496863.09	3848377.25	0.01259	0.02121	0.01423	1.87E-04	1.50E-06	3.70E-04	0.000559	1.91E-04	1.47E-06	4.12E-04	0.000605	1.82E-04	1.87E-06	7.91E-04	9.75E-04
3387	497363.09	3848377.25	0.01431	0.02311	0.01548	2.13E-04	1.63E-06	4.03E-04	0.000617	2.18E-04	1.61E-06	4.48E-04	0.000667	2.07E-04	2.04E-06	8.60E-04	1.07E-03
3388	497863.09	3848377.25	0.01891	0.03265	0.02016	2.81E-04	2.31E-06	5.24E-04	0.000808	2.88E-04	2.27E-06	5.83E-04	0.000873	2.73E-04	2.88E-06	1.12E-03	1.40E-03
3389	498363.09	3848377.25	0.01984	0.03311	0.02112	2.95E-04	2.34E-06	5.49E-04	0.000847	3.02E-04	2.30E-06	6.11E-04	0.000915	2.87E-04	2.92E-06	1.17E-03	1.46E-03
3390	471363.09	3848877.25	0.08651	0.1038	0.09639	1.29E-03	7.33E-06	2.51E-03	0.003803	1.32E-03	7.21E-06	2.79E-03	0.004112	1.25E-03	9.16E-06	5.36E-03	6.62E-03
3391	471863.09	3848877.25	0.1019	0.11333	0.10573	1.52E-03	8.00E-06	2.75E-03	0.004275	1.55E-03	7.88E-06	3.06E-03	0.004617	1.47E-03	1.00E-05	5.88E-03	7.36E-03
3392	472363.09	3848877.25	0.10744	0.12281	0.11841	1.60E-03	8.67E-06	3.08E-03	0.004688	1.63E-03	8.54E-06	3.43E-03	0.005069	1.55E-03	1.08E-05	6.58E-03	8.14E-03
3393	472863.09	3848877.25	0.11609	0.14191	0.13169	1.73E-03	1.00E-05	3.43E-03	0.005164	1.77E-03	9.86E-06	3.81E-03	0.005586	1.68E-03	1.25E-05	7.32E-03	9.01E-03
3394	473363.09	3848877.25	0.10057	0.154	0.1127	1.50E-03	1.09E-05	2.93E-03	0.00444	1.53E-03	1.07E-05	3.26E-03	0.004801	1.45E-03	1.36E-05	6.26E-03	7.73E-03
3395	473863.09	3848877.25	0.09875	0.12578	0.11244	1.47E-03	8.88E-06	2.93E-03	0.004404	1.50E-03	8.74E-06	3.25E-03	0.004764	1.43E-03	1.11E-05	6.25E-03	7.69E-03
3396	474363.09	3848877.25	0.09662	0.12777	0.10815	1.44E-03	9.02E-06	2.81E-03	0.004261	1.47E-03	8.88E-06	3.13E-03	0.004608	1.40E-03	1.13E-05	6.01E-03	7.42E-03
3397	474863.09	3848877.25	0.09919	0.10548	0.10692	1.48E-03	7.45E-06	2.78E-03	0.004265	1.51E-03	7.33E-06	3.09E-03	0.00461	1.43E-03	9.31E-06	5.94E-03	7.38E-03
3398	475363.09	3848877.25	0.10412	0.12921	0.10965	1.55E-03	9.12E-06	2.85E-03	0.004412	1.58E-03	8.98E-06	3.17E-03	0.004765	1.50E-03	1.14E-05	6.09E-03	7.61E-03
3399	475863.09	3848877.25	0.09427	0.12359	0.10379	1.40E-03	8.73E-06	2.70E-03	0.004112	1.43E-03	8.59E-06	3.00E-03	0.004446	1.36E-03	1.09E-05	5.77E-03	7.14E-03
3400	476363.09	3848877.25	0.08617	0.09485	0.09049	1.28E-03	6.70E-06	2.35E-03	0.003643	1.31E-03	6.59E-06	2.62E-03	0.003936	1.25E-03	8.37E-06	5.03E-03	6.28E-03
3401	476863.09	3848877.25	0.0754	0.08883	0.08083	1.12E-03	6.27E-06	2.10E-03	0.003231	1.15E-03	6.17E-06	2.34E-03	0.003492	1.09E-03	7.84E-06	4.49E-03	5.59E-03
3402	477363.09	3848877.25	0.14769	0.17474	0.16052	2.20E-03	1.23E-05	4.18E-03	0.006387	2.25E-03	1.21E-05	4.65E-03	0.006903	2.13E-03	1.54E-05	8.92E-03	1.11E-02
3403	477863.09	3848877.25	0.15848	0.18684	0.17059	2.36E-03	1.32E-05	4.44E-03	0.00681	2.41E-03	1.30E-05	4.94E-03	0.00736	2.29E-03	1.65E-05	9.48E-03	1.18E-02
3404	478363.09	3848877.25	0.16174	0.18231	0.16847	2.41E-03	1.29E-05	4.38E-03	0.006803	2.46E-03	1.27E-05	4.88E-03	0.007348	2.34E-03	1.61E-05	9.36E-03	1.17E-02
3405	478863.09	3848877.25	0.12237	0.1314	0.1303	1.82E-03	9.28E-06	3.39E-03	0.005221	1.86E-03	9.13E-06	3.77E-03	0.005641	1.77E-03	1.16E-05	7.24E-03	9.02E-03
3406	479363.09	3848877.25	0.08846	0.09929	0.09622	1.32E-03	7.01E-06	2.50E-03	0.003827	1.35E-03	6.90E-06	2.78E-03	0.004137	1.28E-03	8.76E-06	5.35E-03	6.63E-03
3407	479863.09	3848877.25	0.05691	0.06253	0.0575	8.47E-04	4.42E-06	1.50E-03	0.002347	8.66E-04	4.35E-06	1.66E-03	0.002534	8.22E-04	5.52E-06	3.20E-03	4.02E-03
3408	480363.09	3848877.25	0.05856	0.0725	0.06108	8.72E-04	5.12E-06	1.59E-03	0.002466	8.91E-04	5.04E-06	1.77E-03	0.002663	8.46E-04	6.40E-06	3.39E-03	4.25E-03
3409	480863.09	3848877.25	0.05957	0.07089	0.05906	8.87E-04	5.01E-06	1.54E-03	0.002428	9.06E-04	4.93E-06	1.71E-03	0.00262	8.61E-04	6.25E-06	3.28E-03	4.15E-03
3410	481363.09	3848877.25	0.05059	0.05698	0.05249	7.53E-04	4.02E-06	1.37E-03	0.002123	7.69E-04	3.96E-06	1.52E-03	0.002292	7.31E-04	5.03E-06	2.92E-03	3.65E-03
3411	481863.09	3848877.25	0.03974	0.05193	0.04039	5.92E-04	3.67E-06	1.05E-03	0.001646	6.04E-04	3.61E-06	1.17E-03	0.001777	5.74E-04	4.58E-06	2.24E-03	2.82E-03
3412	482363.09	3848877.25	0.03246	0.0403	0.03339	4.83E-04	2.85E-06	8.69E-04	0.001355	4.94E-04	2.80E-06	9.66E-04	0.001463	4.69E-04	3.56E-06	1.86E-03	2.33E-03
3413	482863.09	3848877.25	0.02495	0.03709	0.02627	3.71E-04	2.62E-06	6.83E-04	0.001057	3.79E-04	2.58E-06	7.60E-04	0.001142	3.61E-04	3.27E-06	1.46E-03	1.82E-03
3414	483363.09	3848877.25	0.02441	0.02702	0.02572	3.63E-04	1.91E-06	6.69E-04	0.001034	3.71E-04	1.88E-06	7.44E-04	0.001117	3.53E-04	2.38E-06	1.43E-03	1.78E-03
3415	483863.09	3848877.25	0.02425	0.02826	0.02492	3.61E-04	2.00E-06	6.48E-04	0.001011	3.69E-04	1.96E-06	7.21E-04	0.001092	3.50E-04	2.49E-06	1.38E-03	1.74E-03
3416	484363.09	3848877.25	0.02569	0.03334	0.02676	3.82E-04	2.35E-06	6.96E-04	0.001081	3.91E-04	2.32E-06	7.74E-04	0.001167	3.71E-04	2.94E-06	1.49E-03	1.86E-03
3417	484863.09	3848877.25	0.02877	0.03429	0.02869	4.28E-04	2.42E-06	7.46E-04	0.001177	4.38E-04	2.38E-06	8.30E-04	0.00127	4.16E-04	3.03E-06	1.59E-03	2.01E-03
3418	485363.09	3848877.25	0.02722	0.03797	0.02786	4.05E-04	2.68E-06	7.25E-04	0.001133	4.14E-04	2.64E-06	8.06E-04	0.001223	3.93E-04	3.35E-06	1.55E-03	1.94E-03
3419	485863.09	3848877.25	0.02436	0.0409	0.02571	3.63E-04	2.89E-06	6.69E-04	0.001034	3.70E-04	2.84E-06	7.44E-04	0.001117	3.52E-04	3.61E-06	1.43E-03	1.78E-03
3420	486363.09	3848877.25	0.02229	0.0282	0.02307	3.32E-04	1.99E-06	6.00E-04	0.000934	3.39E-04	1.96E-06	6.68E-04	0.001009	3.22E-04	2.49E-06	1.28E-03	1.61E-03
3421	486863.09	3848877.25	0.01974	0.02633	0.02078	2.94E-04	1.86E-06	5.41E-04	0.000836	3.00E-04	1.83E-06	6.01E-04	0.000903	2.85E-04	2.32E-06	1.15E-03	1.44E-03
3422	487363.09	3848877.25	0.01823	0.02618	0.01991	2.71E-04	1.85E-06	5.18E-04	0.000791	2.77E-04	1.82E-06	5.76E-04	0.000855	2.63E-04	2.31E-06	1.11E-03	1.37E-03
3423	487863.09	3848877.25	0.01772	0.02748	0.01939	2.64E-04	1.94E-06	5.04E-04	0.00077	2.69E-04	1.91E-06	5.61E-04	0.000833	2.56E-04	2.42E-06	1.08E-03	1.34E-03
3424	488363.09	3848877.25	0.0185	0.02819	0.02021	2.75E-04	1.99E-06	5.26E-04	0.000803	2.81E-04	1.96E-06	5.85E-04	0.000868	2.67E-04	2.49E-06	1.12E-03	1.39E-03
3425	488863.09	3848877.25	0.01725	0.03341	0.01892	2.57E-04	2.36E-06	4.92E-04	0.000751	2.62E-04	2.32E-06	5.47E-04	0.000812	2.49E-04	2.95E-06	1.05E-03	1.30E-03
3426	489363.09	3848877.25	0.01609	0.03302	0.01712	2.39E-04	2.33E-06	4.45E-04	0.000687	2.45E-04	2.29E-06	4.95E-04	0.000742	2.33E-04	2.91E-06	9.51E-04	1.19E-03
3427	489863.09	3848877.25	0.01603	0.03157	0.01681	2.39E-04	2.23E-06	4.37E-04	0.000678	2.44E-04	2.19E-06	4.86E-04	0.000732	2.32E-04	2.79E-06	9.34E-04	1.17E-03

3428	490363.09	3848877.25	0.0148	0.02975	0.01602	2.20E-04	2.10E-06	4.17E-04	0.000639	2.25E-04	2.07E-06	4.64E-04	0.000691	2.14E-04	2.62E-06	8.90E-04	1.11E-03
3429	490863.09	3848877.25	0.01417	0.02512	0.01567	2.11E-04	1.77E-06	4.08E-04	0.00062	2.16E-04	1.75E-06	4.53E-04	0.000671	2.05E-04	2.22E-06	8.71E-04	1.08E-03
3430	491363.09	3848877.25	0.01353	0.02506	0.01562	2.01E-04	1.77E-06	4.06E-04	0.00061	2.06E-04	1.74E-06	4.52E-04	0.00066	1.96E-04	2.21E-06	8.68E-04	1.07E-03
3431	491863.09	3848877.25	0.01314	0.02205	0.01515	1.96E-04	1.56E-06	3.94E-04	0.000591	2.00E-04	1.53E-06	4.38E-04	0.00064	1.90E-04	1.95E-06	8.42E-04	1.03E-03
3432	492363.09	3848877.25	0.0126	0.02262	0.01444	1.88E-04	1.60E-06	3.76E-04	0.000565	1.92E-04	1.57E-06	4.18E-04	0.000611	1.82E-04	2.00E-06	8.02E-04	9.86E-04
3433	492863.09	3848877.25	0.01173	0.02292	0.01315	1.75E-04	1.62E-06	3.42E-04	0.000518	1.78E-04	1.59E-06	3.81E-04	0.000561	1.70E-04	2.02E-06	7.31E-04	9.02E-04
3434	493363.09	3848877.25	0.01111	0.02084	0.01251	1.65E-04	1.47E-06	3.25E-04	0.000492	1.69E-04	1.45E-06	3.62E-04	0.000532	1.61E-04	1.84E-06	6.95E-04	8.58E-04
3435	493863.09	3848877.25	0.01187	0.02104	0.01297	1.77E-04	1.49E-06	3.37E-04	0.000516	1.81E-04	1.46E-06	3.75E-04	0.000557	1.72E-04	1.86E-06	7.21E-04	8.94E-04
3436	494363.09	3848877.25	0.0119	0.0213	0.01334	1.77E-04	1.50E-06	3.47E-04	0.000526	1.81E-04	1.48E-06	3.86E-04	0.000568	1.72E-04	1.88E-06	7.41E-04	9.15E-04
3437	494863.09	3848877.25	0.01266	0.02171	0.01412	1.88E-04	1.53E-06	3.67E-04	0.000557	1.93E-04	1.51E-06	4.09E-04	0.000603	1.83E-04	1.92E-06	7.85E-04	9.69E-04
3438	495363.09	3848877.25	0.01333	0.02309	0.01487	1.98E-04	1.63E-06	3.87E-04	0.000587	2.03E-04	1.60E-06	4.30E-04	0.000635	1.93E-04	2.04E-06	8.26E-04	1.02E-03
3439	495863.09	3848877.25	0.01285	0.02165	0.01459	1.91E-04	1.53E-06	3.80E-04	0.000572	1.95E-04	1.50E-06	4.22E-04	0.000619	1.86E-04	1.91E-06	8.11E-04	9.98E-04
3440	496363.09	3848877.25	0.01326	0.02183	0.01471	1.97E-04	1.54E-06	3.83E-04	0.000582	2.02E-04	1.52E-06	4.26E-04	0.000629	1.92E-04	1.93E-06	8.17E-04	1.01E-03
3441	496863.09	3848877.25	0.01478	0.02379	0.01607	2.20E-04	1.68E-06	4.18E-04	0.00064	2.25E-04	1.65E-06	4.65E-04	0.000691	2.14E-04	2.10E-06	8.93E-04	1.11E-03
3442	497363.09	3848877.25	0.01884	0.0322	0.01958	2.80E-04	2.27E-06	5.09E-04	0.000792	2.87E-04	2.24E-06	5.67E-04	0.000855	2.72E-04	2.84E-06	1.09E-03	1.36E-03
3443	497863.09	3848877.25	0.02078	0.03432	0.02152	3.09E-04	2.42E-06	5.60E-04	0.000872	3.16E-04	2.39E-06	6.23E-04	0.000941	3.00E-04	3.03E-06	1.20E-03	1.50E-03
3444	498363.09	3848877.25	0.0229	0.03744	0.0234	3.41E-04	2.64E-06	6.09E-04	0.000952	3.48E-04	2.60E-06	6.77E-04	0.001028	3.31E-04	3.30E-06	1.30E-03	1.63E-03
3445	471363.09	3849377.25	0.08717	0.08842	0.09481	1.30E-03	6.24E-06	2.47E-03	0.00377	1.33E-03	6.15E-06	2.74E-03	0.004075	1.26E-03	7.80E-06	5.27E-03	6.54E-03
3446	471863.09	3849377.25	0.10039	0.10015	0.10867	1.49E-03	7.07E-06	2.83E-03	0.004329	1.53E-03	6.96E-06	3.14E-03	0.004678	1.45E-03	8.84E-06	6.04E-03	7.50E-03
3447	472363.09	3849377.25	0.09818	0.11761	0.11085	1.46E-03	8.30E-06	2.88E-03	0.004354	1.49E-03	8.17E-06	3.21E-03	0.004709	1.42E-03	1.04E-05	6.16E-03	7.59E-03
3448	472863.09	3849377.25	0.11767	0.12803	0.12125	1.75E-03	9.04E-06	3.15E-03	0.004915	1.79E-03	8.90E-06	3.51E-03	0.005307	1.70E-03	1.13E-05	6.74E-03	8.45E-03
3449	473363.09	3849377.25	0.1191	0.14109	0.13179	1.77E-03	9.96E-06	3.43E-03	0.005211	1.81E-03	9.81E-06	3.81E-03	0.005635	1.72E-03	1.24E-05	7.32E-03	9.06E-03
3450	473863.09	3849377.25	0.1208	0.15741	0.14535	1.80E-03	1.11E-05	3.78E-03	0.005591	1.84E-03	1.09E-05	4.21E-03	0.006054	1.75E-03	1.39E-05	8.08E-03	9.84E-03
3451	474363.09	3849377.25	0.11328	0.15779	0.12234	1.69E-03	1.11E-05	3.18E-03	0.00488	1.72E-03	1.10E-05	3.54E-03	0.005274	1.64E-03	1.39E-05	6.80E-03	8.45E-03
3452	474863.09	3849377.25	0.11287	0.15331	0.12616	1.68E-03	1.08E-05	3.28E-03	0.004973	1.72E-03	1.07E-05	3.65E-03	0.005378	1.63E-03	1.35E-05	7.01E-03	8.65E-03
3453	475363.09	3849377.25	0.11039	0.14046	0.11769	1.64E-03	9.92E-06	3.06E-03	0.004715	1.68E-03	9.76E-06	3.41E-03	0.005094	1.60E-03	1.24E-05	6.54E-03	8.15E-03
3454	475863.09	3849377.25	0.11891	0.1433	0.12196	1.77E-03	1.01E-05	3.17E-03	0.004953	1.81E-03	9.96E-06	3.53E-03	0.005348	1.72E-03	1.26E-05	6.78E-03	8.51E-03
3455	476363.09	3849377.25	0.12711	0.17063	0.14457	1.89E-03	1.20E-05	3.76E-03	0.005665	1.93E-03	1.19E-05	4.18E-03	0.006129	1.84E-03	1.51E-05	8.03E-03	9.89E-03
3456	476863.09	3849377.25	0.10863	0.12276	0.11739	1.62E-03	8.67E-06	3.05E-03	0.00468	1.65E-03	8.53E-06	3.40E-03	0.005058	1.57E-03	1.08E-05	6.52E-03	8.10E-03
3457	477363.09	3849377.25	0.10447	0.11657	0.11101	1.56E-03	8.23E-06	2.89E-03	0.004451	1.59E-03	8.10E-06	3.21E-03	0.004809	1.51E-03	1.03E-05	6.17E-03	7.69E-03
3458	477863.09	3849377.25	0.16685	0.19699	0.18089	2.48E-03	1.39E-05	4.71E-03	0.007203	2.54E-03	1.37E-05	5.23E-03	0.007786	2.41E-03	1.74E-05	1.01E-02	1.25E-02
3459	478363.09	3849377.25	0.18155	0.213	0.19767	2.70E-03	1.50E-05	5.14E-03	0.00786	2.76E-03	1.48E-05	5.72E-03	0.008496	2.62E-03	1.88E-05	1.10E-02	1.36E-02
3460	478863.09	3849377.25	0.17425	0.19147	0.18364	2.59E-03	1.35E-05	4.78E-03	0.007385	2.65E-03	1.33E-05	5.31E-03	0.007977	2.52E-03	1.69E-05	1.02E-02	1.27E-02
3461	479363.09	3849377.25	0.13733	0.143	0.15081	2.04E-03	1.01E-05	3.92E-03	0.005978	2.09E-03	9.94E-06	4.36E-03	0.006463	1.98E-03	1.26E-05	8.38E-03	1.04E-02
3462	479863.09	3849377.25	0.08762	0.10458	0.09376	1.30E-03	7.38E-06	2.44E-03	0.003751	1.33E-03	7.27E-06	2.71E-03	0.004053	1.27E-03	9.23E-06	5.21E-03	6.49E-03
3463	480363.09	3849377.25	0.09259	0.09896	0.09173	1.38E-03	6.99E-06	2.39E-03	0.003772	1.41E-03	6.88E-06	2.65E-03	0.004069	1.34E-03	8.73E-06	5.10E-03	6.44E-03
3464	480863.09	3849377.25	0.08205	0.09947	0.08376	1.22E-03	7.02E-06	2.18E-03	0.003407	1.25E-03	6.91E-06	2.42E-03	0.003679	1.19E-03	8.78E-06	4.65E-03	5.85E-03
3465	481363.09	3849377.25	0.06125	0.0623	0.06223	9.12E-04	4.40E-06	1.62E-03	0.002535	9.32E-04	4.33E-06	1.80E-03	0.002737	8.85E-04	5.50E-06	3.46E-03	4.35E-03
3466	481863.09	3849377.25	0.0372	0.0491	0.03855	5.54E-04	3.47E-06	1.00E-03	0.00156	5.66E-04	3.41E-06	1.12E-03	0.001685	5.38E-04	4.33E-06	2.14E-03	2.68E-03
3467	482363.09	3849377.25	0.03115	0.04331	0.03289	4.64E-04	3.06E-06	8.56E-04	0.001322	4.74E-04	3.01E-06	9.52E-04	0.001429	4.50E-04	3.82E-06	1.83E-03	2.28E-03
3468	482863.09	3849377.25	0.02547	0.03742	0.02729	3.79E-04	2.64E-06	7.10E-04	0.001092	3.87E-04	2.60E-06	7.90E-04	0.00118	3.68E-04	3.30E-06	1.52E-03	1.89E-03
3469	483363.09	3849377.25	0.02469	0.02824	0.02678	3.68E-04	1.99E-06	6.97E-04	0.001066	3.76E-04	1.96E-06	7.75E-04	0.001152	3.57E-04	2.49E-06	1.49E-03	1.85E-03
3470	483863.09	3849377.25	0.02266	0.02373	0.0235	3.37E-04	1.68E-06	6.11E-04	0.00095	3.45E-04	1.65E-06	6.80E-04	0.001026	3.27E-04	2.09E-06	1.31E-03	1.64E-03
3471	484363.09	3849377.25	0.02865	0.03821	0.03024	4.26E-04	2.70E-06	7.87E-04	0.001216	4.36E-04	2.66E-06	8.75E-04	0.001313	4.14E-04	3.37E-06	1.68E-03	2.10E-03
3472	484863.09	3849377.25	0.03271	0.0439	0.03348	4.87E-04	3.10E-06	8.71E-04	0.001361	4.97E-04	3.05E-06	9.69E-04	0.001469	4.73E-04	3.87E-06	1.86E-03	2.34E-03
3473	485363.09	3849377.25	0.03244	0.04755	0.03389	4.83E-04	3.36E-06	8.82E-04	0.001368	4.93E-04	3.30E-06	9.81E-04	0.001477	4.69E-04	4.20E-06	1.88E-03	2.36E-03
3474	485863.09	3849377.25	0.02339	0.03127	0.02408	3.48E-04	2.21E-06	6.26E-04	0.000977	3.56E-04	2.17E-06	6.97E-04	0.001055	3.38E-04	2.76E-06	1.34E-03	1.68E-03

3475	486363.09	3849377.25	0.02004	0.02248	0.02038	2.98E-04	1.59E-06	5.30E-04	0.00083	3.05E-04	1.56E-06	5.90E-04	0.000896	2.90E-04	1.98E-06	1.13E-03	1.42E-03
3476	486863.09	3849377.25	0.02175	0.03129	0.02353	3.24E-04	2.21E-06	6.12E-04	0.000938	3.31E-04	2.17E-06	6.81E-04	0.001014	3.14E-04	2.76E-06	1.31E-03	1.62E-03
3477	487363.09	3849377.25	0.02139	0.03084	0.02316	3.18E-04	2.18E-06	6.03E-04	0.000923	3.25E-04	2.14E-06	6.70E-04	0.000998	3.09E-04	2.72E-06	1.29E-03	1.60E-03
3478	487863.09	3849377.25	0.02033	0.03433	0.02247	3.03E-04	2.42E-06	5.85E-04	0.00089	3.09E-04	2.39E-06	6.50E-04	0.000962	2.94E-04	3.03E-06	1.25E-03	1.55E-03
3479	488363.09	3849377.25	0.0207	0.03684	0.02239	3.08E-04	2.60E-06	5.82E-04	0.000893	3.15E-04	2.56E-06	6.48E-04	0.000965	2.99E-04	3.25E-06	1.24E-03	1.55E-03
3480	488863.09	3849377.25	0.01988	0.03797	0.02115	2.96E-04	2.68E-06	5.50E-04	0.000849	3.02E-04	2.64E-06	6.12E-04	0.000917	2.87E-04	3.35E-06	1.18E-03	1.47E-03
3481	489363.09	3849377.25	0.0183	0.03691	0.01944	2.72E-04	2.61E-06	5.06E-04	0.000781	2.78E-04	2.57E-06	5.63E-04	0.000843	2.64E-04	3.26E-06	1.08E-03	1.35E-03
3482	489863.09	3849377.25	0.01818	0.03556	0.01879	2.71E-04	2.51E-06	4.89E-04	0.000762	2.76E-04	2.47E-06	5.44E-04	0.000823	2.63E-04	3.14E-06	1.04E-03	1.31E-03
3483	490363.09	3849377.25	0.0171	0.03166	0.01809	2.55E-04	2.24E-06	4.71E-04	0.000727	2.60E-04	2.20E-06	5.23E-04	0.000786	2.47E-04	2.79E-06	1.01E-03	1.26E-03
3484	490863.09	3849377.25	0.01559	0.02872	0.01728	2.32E-04	2.03E-06	4.50E-04	0.000684	2.37E-04	2.00E-06	5.00E-04	0.000739	2.25E-04	2.53E-06	9.60E-04	1.19E-03
3485	491363.09	3849377.25	0.01536	0.02877	0.01725	2.29E-04	2.03E-06	4.49E-04	0.000679	2.34E-04	2.00E-06	4.99E-04	0.000735	2.22E-04	2.54E-06	9.59E-04	1.18E-03
3486	491863.09	3849377.25	0.01504	0.0279	0.01693	2.24E-04	1.97E-06	4.40E-04	0.000666	2.29E-04	1.94E-06	4.90E-04	0.000721	2.17E-04	2.46E-06	9.41E-04	1.16E-03
3487	492363.09	3849377.25	0.0148	0.02986	0.01644	2.20E-04	2.11E-06	4.28E-04	0.00065	2.25E-04	2.08E-06	4.76E-04	0.000703	2.14E-04	2.63E-06	9.14E-04	1.13E-03
3488	492863.09	3849377.25	0.0131	0.02448	0.01442	1.95E-04	1.73E-06	3.75E-04	0.000572	1.99E-04	1.70E-06	4.17E-04	0.000618	1.89E-04	2.16E-06	8.01E-04	9.93E-04
3489	493363.09	3849377.25	0.0131	0.02373	0.01417	1.95E-04	1.68E-06	3.69E-04	0.000565	1.99E-04	1.65E-06	4.10E-04	0.000611	1.89E-04	2.09E-06	7.87E-04	9.79E-04
3490	493863.09	3849377.25	0.01326	0.0241	0.01464	1.97E-04	1.70E-06	3.81E-04	0.00058	2.02E-04	1.68E-06	4.24E-04	0.000627	1.92E-04	2.13E-06	8.13E-04	1.01E-03
3491	494363.09	3849377.25	0.01402	0.02454	0.01569	2.09E-04	1.73E-06	4.08E-04	0.000619	2.13E-04	1.71E-06	4.54E-04	0.000669	2.03E-04	2.17E-06	8.72E-04	1.08E-03
3492	494863.09	3849377.25	0.01604	0.02811	0.01744	2.39E-04	1.98E-06	4.54E-04	0.000694	2.44E-04	1.95E-06	5.05E-04	0.000751	2.32E-04	2.48E-06	9.69E-04	1.20E-03
3493	495363.09	3849377.25	0.01693	0.02949	0.01815	2.52E-04	2.08E-06	4.72E-04	0.000726	2.57E-04	2.05E-06	5.25E-04	0.000785	2.45E-04	2.60E-06	1.01E-03	1.26E-03
3494	495863.09	3849377.25	0.01472	0.02327	0.0158	2.19E-04	1.64E-06	4.11E-04	0.000632	2.24E-04	1.62E-06	4.57E-04	0.000683	2.13E-04	2.05E-06	8.78E-04	1.09E-03
3495	496363.09	3849377.25	0.01437	0.02309	0.01556	2.14E-04	1.63E-06	4.05E-04	0.00062	2.19E-04	1.60E-06	4.50E-04	0.00067	2.08E-04	2.04E-06	8.65E-04	1.07E-03
3496	496863.09	3849377.25	0.01869	0.03137	0.01971	2.78E-04	2.21E-06	5.13E-04	0.000793	2.84E-04	2.18E-06	5.70E-04	0.000857	2.70E-04	2.77E-06	1.10E-03	1.37E-03
3497	497363.09	3849377.25	0.02038	0.03458	0.02136	3.03E-04	2.44E-06	5.56E-04	0.000861	3.10E-04	2.40E-06	6.18E-04	0.00093	2.94E-04	3.05E-06	1.19E-03	1.48E-03
3498	497863.09	3849377.25	0.02644	0.04518	0.02693	3.94E-04	3.19E-06	7.01E-04	0.001097	4.02E-04	3.14E-06	7.79E-04	0.001185	3.82E-04	3.99E-06	1.50E-03	1.88E-03
3499	498363.09	3849377.25	0.02556	0.04203	0.02663	3.80E-04	2.97E-06	6.93E-04	0.001076	3.89E-04	2.92E-06	7.71E-04	0.001162	3.69E-04	3.71E-06	1.48E-03	1.85E-03
3500	471363.09	3849877.25	0.06693	0.07383	0.07049	9.96E-04	5.21E-06	1.83E-03	0.002835	1.02E-03	5.13E-06	2.04E-03	0.003063	9.67E-04	6.51E-06	3.92E-03	4.89E-03
3501	471863.09	3849877.25	0.08387	0.08214	0.08811	1.25E-03	5.80E-06	2.29E-03	0.003546	1.28E-03	5.71E-06	2.55E-03	0.003831	1.21E-03	7.25E-06	4.90E-03	6.12E-03
3502	472363.09	3849877.25	0.10271	0.09757	0.11053	1.53E-03	6.89E-06	2.88E-03	0.004411	1.56E-03	6.78E-06	3.20E-03	0.004767	1.48E-03	8.61E-06	6.14E-03	7.63E-03
3503	472863.09	3849877.25	0.11482	0.11229	0.12253	1.71E-03	7.93E-06	3.19E-03	0.004905	1.75E-03	7.80E-06	3.55E-03	0.0053	1.66E-03	9.91E-06	6.81E-03	8.48E-03
3504	473363.09	3849877.25	0.1129	0.13289	0.12667	1.68E-03	9.38E-06	3.30E-03	0.004985	1.72E-03	9.24E-06	3.67E-03	0.005392	1.63E-03	1.17E-05	7.04E-03	8.68E-03
3505	473863.09	3849877.25	0.13718	0.14697	0.14299	2.04E-03	1.04E-05	3.72E-03	0.005772	2.09E-03	1.02E-05	4.14E-03	0.006234	1.98E-03	1.30E-05	7.95E-03	9.94E-03
3506	474363.09	3849877.25	0.14333	0.16433	0.15003	2.13E-03	1.16E-05	3.90E-03	0.006048	2.18E-03	1.14E-05	4.34E-03	0.006533	2.07E-03	1.45E-05	8.34E-03	1.04E-02
3507	474863.09	3849877.25	0.13274	0.18686	0.15101	1.98E-03	1.32E-05	3.93E-03	0.005918	2.02E-03	1.30E-05	4.37E-03	0.006402	1.92E-03	1.65E-05	8.39E-03	1.03E-02
3508	475363.09	3849877.25	0.13132	0.16838	0.14705	1.95E-03	1.19E-05	3.83E-03	0.005792	2.00E-03	1.17E-05	4.26E-03	0.006264	1.90E-03	1.49E-05	8.17E-03	1.01E-02
3509	475863.09	3849877.25	0.12335	0.16487	0.13727	1.84E-03	1.16E-05	3.57E-03	0.005419	1.88E-03	1.15E-05	3.97E-03	0.00586	1.78E-03	1.45E-05	7.63E-03	9.42E-03
3510	476363.09	3849877.25	0.12745	0.1619	0.14496	1.90E-03	1.14E-05	3.77E-03	0.00568	1.94E-03	1.13E-05	4.19E-03	0.006144	1.84E-03	1.43E-05	8.05E-03	9.91E-03
3511	476863.09	3849877.25	0.14826	0.17097	0.16644	2.21E-03	1.21E-05	4.33E-03	0.006549	2.25E-03	1.19E-05	4.82E-03	0.007083	2.14E-03	1.51E-05	9.25E-03	1.14E-02
3512	477363.09	3849877.25	0.13136	0.15785	0.13456	1.96E-03	1.11E-05	3.50E-03	0.005467	2.00E-03	1.10E-05	3.89E-03	0.005903	1.90E-03	1.39E-05	7.48E-03	9.39E-03
3513	477863.09	3849877.25	0.12097	0.14383	0.12771	1.80E-03	1.02E-05	3.32E-03	0.005133	1.84E-03	1.00E-05	3.70E-03	0.005545	1.75E-03	1.27E-05	7.10E-03	8.86E-03
3514	478363.09	3849877.25	0.20534	0.24738	0.22292	3.06E-03	1.75E-05	5.80E-03	0.008873	3.12E-03	1.72E-05	6.45E-03	0.009591	2.97E-03	2.18E-05	1.24E-02	1.54E-02
3515	478863.09	3849877.25	0.21802	0.2604	0.24031	3.25E-03	1.84E-05	6.25E-03	0.009515	3.32E-03	1.81E-05	6.95E-03	0.010288	3.15E-03	2.30E-05	1.34E-02	1.65E-02
3516	479363.09	3849877.25	0.21132	0.22067	0.23227	3.15E-03	1.56E-05	6.04E-03	0.009204	3.21E-03	1.53E-05	6.72E-03	0.009951	3.05E-03	1.95E-05	1.29E-02	1.60E-02
3517	479863.09	3849877.25	0.18607	0.18327	0.19926	2.77E-03	1.29E-05	5.18E-03	0.007966	2.83E-03	1.27E-05	5.77E-03	0.008609	2.69E-03	1.62E-05	1.11E-02	1.38E-02
3518	480363.09	3849877.25	0.11001	0.13405	0.12278	1.64E-03	9.47E-06	3.19E-03	0.004841	1.67E-03	9.32E-06	3.55E-03	0.005235	1.59E-03	1.18E-05	6.82E-03	8.42E-03
3519	480863.09	3849877.25	0.09349	0.1086	0.08758	1.39E-03	7.67E-06	2.28E-03	0.003678	1.42E-03	7.55E-06	2.53E-03	0.003964	1.35E-03	9.58E-06	4.87E-03	6.23E-03
3520	481363.09	3849877.25	0.07479	0.09397	0.07555	1.11E-03	6.64E-06	1.97E-03	0.003085	1.14E-03	6.53E-06	2.19E-03	0.00333	1.08E-03	8.29E-06	4.20E-03	5.29E-03
3521	481863.09	3849877.25	0.04138	0.04771	0.04186	6.16E-04	3.37E-06	1.09E-03	0.001708	6.29E-04	3.32E-06	1.21E-03	0.001844	5.98E-04	4.21E-06	2.33E-03	2.93E-03

3522	482363.09	3849877.25	0.03167	0.0456	0.0327	4.71E-04	3.22E-06	8.51E-04	0.001325	4.82E-04	3.17E-06	9.46E-04	0.001431	4.58E-04	4.02E-06	1.82E-03	2.28E-03
3523	482863.09	3849877.25	0.027	0.04094	0.02839	4.02E-04	2.89E-06	7.39E-04	0.001143	4.11E-04	2.85E-06	8.22E-04	0.001235	3.90E-04	3.61E-06	1.58E-03	1.97E-03
3524	483363.09	3849877.25	0.02491	0.03087	0.02829	3.71E-04	2.18E-06	7.36E-04	0.001109	3.79E-04	2.15E-06	8.19E-04	0.0012	3.60E-04	2.72E-06	1.57E-03	1.93E-03
3525	483863.09	3849877.25	0.02693	0.0295	0.0284	4.01E-04	2.08E-06	7.39E-04	0.001142	4.10E-04	2.05E-06	8.22E-04	0.001233	3.89E-04	2.60E-06	1.58E-03	1.97E-03
3526	484363.09	3849877.25	0.03157	0.03903	0.0337	4.70E-04	2.76E-06	8.77E-04	0.001349	4.80E-04	2.71E-06	9.75E-04	0.001458	4.56E-04	3.44E-06	1.87E-03	2.33E-03
3527	484863.09	3849877.25	0.03918	0.05303	0.04168	5.83E-04	3.74E-06	1.08E-03	0.001671	5.96E-04	3.69E-06	1.21E-03	0.001806	5.66E-04	4.68E-06	2.32E-03	2.89E-03
3528	485363.09	3849877.25	0.03729	0.05364	0.03718	5.55E-04	3.79E-06	9.67E-04	0.001526	5.67E-04	3.73E-06	1.08E-03	0.001647	5.39E-04	4.73E-06	2.07E-03	2.61E-03
3529	485863.09	3849877.25	0.0277	0.04175	0.02942	4.12E-04	2.95E-06	7.65E-04	0.001181	4.21E-04	2.90E-06	8.51E-04	0.001276	4.00E-04	3.68E-06	1.63E-03	2.04E-03
3530	486363.09	3849877.25	0.02601	0.03279	0.02774	3.87E-04	2.32E-06	7.22E-04	0.001111	3.96E-04	2.28E-06	8.03E-04	0.001201	3.76E-04	2.89E-06	1.54E-03	1.92E-03
3531	486863.09	3849877.25	0.02613	0.04246	0.02805	3.89E-04	3.00E-06	7.30E-04	0.001122	3.97E-04	2.95E-06	8.12E-04	0.001212	3.78E-04	3.75E-06	1.56E-03	1.94E-03
3532	487363.09	3849877.25	0.02569	0.0426	0.02612	3.82E-04	3.01E-06	6.80E-04	0.001065	3.91E-04	2.96E-06	7.56E-04	0.00115	3.71E-04	3.76E-06	1.45E-03	1.83E-03
3533	487863.09	3849877.25	0.024	0.04507	0.02637	3.57E-04	3.18E-06	6.86E-04	0.001046	3.65E-04	3.13E-06	7.63E-04	0.001131	3.47E-04	3.98E-06	1.47E-03	1.82E-03
3534	488363.09	3849877.25	0.02403	0.04492	0.02552	3.58E-04	3.17E-06	6.64E-04	0.001025	3.65E-04	3.12E-06	7.38E-04	0.001107	3.47E-04	3.96E-06	1.42E-03	1.77E-03
3535	488863.09	3849877.25	0.02271	0.0441	0.0237	3.38E-04	3.11E-06	6.17E-04	0.000958	3.45E-04	3.07E-06	6.86E-04	0.001034	3.28E-04	3.89E-06	1.32E-03	1.65E-03
3536	489363.09	3849877.25	0.02132	0.04449	0.02269	3.17E-04	3.14E-06	5.90E-04	0.000911	3.24E-04	3.09E-06	6.57E-04	0.000984	3.08E-04	3.93E-06	1.26E-03	1.57E-03
3537	489863.09	3849877.25	0.02037	0.03925	0.02146	3.03E-04	2.77E-06	5.58E-04	0.000864	3.10E-04	2.73E-06	6.21E-04	0.000934	2.94E-04	3.46E-06	1.19E-03	1.49E-03
3538	490363.09	3849877.25	0.01909	0.0334	0.02004	2.84E-04	2.36E-06	5.21E-04	0.000808	2.90E-04	2.32E-06	5.80E-04	0.000873	2.76E-04	2.95E-06	1.11E-03	1.39E-03
3539	490863.09	3849877.25	0.01896	0.03541	0.02036	2.82E-04	2.50E-06	5.30E-04	0.000814	2.88E-04	2.46E-06	5.89E-04	0.00088	2.74E-04	3.12E-06	1.13E-03	1.41E-03
3540	491363.09	3849877.25	0.01899	0.03984	0.01989	2.83E-04	2.81E-06	5.17E-04	0.000803	2.89E-04	2.77E-06	5.76E-04	0.000867	2.74E-04	3.52E-06	1.11E-03	1.38E-03
3541	491863.09	3849877.25	0.01793	0.03491	0.01946	2.67E-04	2.46E-06	5.06E-04	0.000776	2.73E-04	2.43E-06	5.63E-04	0.000838	2.59E-04	3.08E-06	1.08E-03	1.34E-03
3542	492363.09	3849877.25	0.01778	0.03378	0.01907	2.65E-04	2.39E-06	4.96E-04	0.000763	2.70E-04	2.35E-06	5.52E-04	0.000825	2.57E-04	2.98E-06	1.06E-03	1.32E-03
3543	492863.09	3849877.25	0.01681	0.03074	0.01801	2.50E-04	2.17E-06	4.69E-04	0.000721	2.56E-04	2.14E-06	5.21E-04	0.000779	2.43E-04	2.71E-06	1.00E-03	1.25E-03
3544	493363.09	3849877.25	0.01564	0.0289	0.01713	2.33E-04	2.04E-06	4.46E-04	0.00068	2.38E-04	2.01E-06	4.96E-04	0.000736	2.26E-04	2.55E-06	9.52E-04	1.18E-03
3545	493863.09	3849877.25	0.01542	0.02765	0.0169	2.30E-04	1.95E-06	4.40E-04	0.000671	2.35E-04	1.92E-06	4.89E-04	0.000725	2.23E-04	2.44E-06	9.39E-04	1.16E-03
3546	494363.09	3849877.25	0.01824	0.03363	0.01958	2.71E-04	2.37E-06	5.09E-04	0.000783	2.77E-04	2.34E-06	5.67E-04	0.000846	2.64E-04	2.97E-06	1.09E-03	1.35E-03
3547	494863.09	3849877.25	0.02082	0.03818	0.02165	3.10E-04	2.70E-06	5.63E-04	0.000876	3.17E-04	2.65E-06	6.26E-04	0.000946	3.01E-04	3.37E-06	1.20E-03	1.51E-03
3548	495363.09	3849877.25	0.01874	0.03283	0.01973	2.79E-04	2.32E-06	5.13E-04	0.000795	2.85E-04	2.28E-06	5.71E-04	0.000858	2.71E-04	2.90E-06	1.10E-03	1.37E-03
3549	495863.09	3849877.25	0.02134	0.03729	0.02225	3.18E-04	2.63E-06	5.79E-04	0.000899	3.25E-04	2.59E-06	6.44E-04	0.000971	3.08E-04	3.29E-06	1.24E-03	1.55E-03
3550	496363.09	3849877.25	0.0226	0.03975	0.02348	3.36E-04	2.81E-06	6.11E-04	0.00095	3.44E-04	2.76E-06	6.79E-04	0.001026	3.27E-04	3.51E-06	1.30E-03	1.63E-03
3551	496863.09	3849877.25	0.02337	0.04108	0.02438	3.48E-04	2.90E-06	6.34E-04	0.000985	3.55E-04	2.86E-06	7.05E-04	0.001064	3.38E-04	3.62E-06	1.35E-03	1.70E-03
3552	497363.09	3849877.25	0.02766	0.04676	0.0288	4.12E-04	3.30E-06	7.49E-04	0.001164	4.21E-04	3.25E-06	8.33E-04	0.001257	4.00E-04	4.13E-06	1.60E-03	2.00E-03
3553	497863.09	3849877.25	0.02903	0.04863	0.03093	4.32E-04	3.43E-06	8.05E-04	0.00124	4.42E-04	3.38E-06	8.95E-04	0.00134	4.19E-04	4.29E-06	1.72E-03	2.14E-03
3554	498363.09	3849877.25	0.02825	0.05	0.03035	4.20E-04	3.53E-06	7.90E-04	0.001214	4.30E-04	3.48E-06	8.78E-04	0.001311	4.08E-04	4.41E-06	1.69E-03	2.10E-03
3555	471363.09	3850377.25	0.04836	0.06718	0.05242	7.20E-04	4.74E-06	1.36E-03	0.002088	7.35E-04	4.67E-06	1.52E-03	0.002257	6.99E-04	5.93E-06	2.91E-03	3.62E-03
3556	471863.09	3850377.25	0.06871	0.08481	0.07127	1.02E-03	5.99E-06	1.85E-03	0.002883	1.04E-03	5.89E-06	2.06E-03	0.003113	9.93E-04	7.48E-06	3.96E-03	4.96E-03
3557	472363.09	3850377.25	0.07764	0.08538	0.08211	1.16E-03	6.03E-06	2.14E-03	0.003298	1.18E-03	5.93E-06	2.38E-03	0.003563	1.12E-03	7.53E-06	4.56E-03	5.69E-03
3558	472863.09	3850377.25	0.09988	0.10206	0.10496	1.49E-03	7.21E-06	2.73E-03	0.004225	1.52E-03	7.09E-06	3.04E-03	0.004563	1.44E-03	9.01E-06	5.83E-03	7.28E-03
3559	473363.09	3850377.25	0.11798	0.11236	0.12493	1.76E-03	7.93E-06	3.25E-03	0.005014	1.79E-03	7.81E-06	3.62E-03	0.005417	1.70E-03	9.91E-06	6.94E-03	8.66E-03
3560	473863.09	3850377.25	0.12853	0.12479	0.14101	1.91E-03	8.81E-06	3.67E-03	0.00559	1.95E-03	8.67E-06	4.08E-03	0.006044	1.86E-03	1.10E-05	7.84E-03	9.70E-03
3561	474363.09	3850377.25	0.13196	0.15371	0.14573	1.96E-03	1.09E-05	3.79E-03	0.005766	2.01E-03	1.07E-05	4.22E-03	0.006235	1.91E-03	1.36E-05	8.10E-03	1.00E-02
3562	474863.09	3850377.25	0.15463	0.17104	0.17068	2.30E-03	1.21E-05	4.44E-03	0.006754	2.35E-03	1.19E-05	4.94E-03	0.007303	2.23E-03	1.51E-05	9.48E-03	1.17E-02
3563	475363.09	3850377.25	0.1717	0.21006	0.18508	2.56E-03	1.48E-05	4.82E-03	0.007386	2.61E-03	1.46E-05	5.36E-03	0.007982	2.48E-03	1.85E-05	1.03E-02	1.28E-02
3564	475863.09	3850377.25	0.14791	0.23692	0.16264	2.20E-03	1.67E-05	4.23E-03	0.00645	2.25E-03	1.65E-05	4.71E-03	0.006972	2.14E-03	2.09E-05	9.04E-03	1.12E-02
3565	476363.09	3850377.25	0.14287	0.20036	0.16087	2.13E-03	1.41E-05	4.19E-03	0.006326	2.17E-03	1.39E-05	4.66E-03	0.006842	2.06E-03	1.77E-05	8.94E-03	1.10E-02
3566	476863.09	3850377.25	0.15159	0.18899	0.1617	2.26E-03	1.33E-05	4.21E-03	0.006477	2.31E-03	1.31E-05	4.68E-03	0.006998	2.19E-03	1.67E-05	8.99E-03	1.12E-02
3567	477363.09	3850377.25	0.1644	0.18857	0.16724	2.45E-03	1.33E-05	4.35E-03	0.006811	2.50E-03	1.31E-05	4.84E-03	0.007353	2.38E-03	1.66E-05	9.29E-03	1.17E-02
3568	477863.09	3850377.25	0.15059	0.21241	0.16487	2.24E-03	1.50E-05	4.29E-03	0.006546	2.29E-03	1.48E-05	4.77E-03	0.007076	2.18E-03	1.87E-05	9.16E-03	1.14E-02

3569	478363.09	3850377.25	0.1368	0.18016	0.15272	2.04E-03	1.27E-05	3.97E-03	0.006022	2.08E-03	1.25E-05	4.42E-03	0.006512	1.98E-03	1.59E-05	8.49E-03	1.05E-02
3570	478863.09	3850377.25	0.23219	0.29805	0.25451	3.46E-03	2.10E-05	6.62E-03	0.010098	3.53E-03	2.07E-05	7.36E-03	0.010917	3.36E-03	2.63E-05	1.41E-02	1.75E-02
3571	479363.09	3850377.25	0.26282	0.33433	0.29282	3.91E-03	2.36E-05	7.62E-03	0.011554	4.00E-03	2.32E-05	8.47E-03	0.012494	3.80E-03	2.95E-05	1.63E-02	2.01E-02
3572	479863.09	3850377.25	0.25237	0.26004	0.28089	3.76E-03	1.84E-05	7.31E-03	0.011082	3.84E-03	1.81E-05	8.13E-03	0.011985	3.65E-03	2.29E-05	1.56E-02	1.93E-02
3573	480363.09	3850377.25	0.21063	0.19008	0.22306	3.14E-03	1.34E-05	5.80E-03	0.008952	3.20E-03	1.32E-05	6.45E-03	0.009671	3.04E-03	1.68E-05	1.24E-02	1.55E-02
3574	480863.09	3850377.25	0.15667	0.19269	0.16284	2.33E-03	1.36E-05	4.24E-03	0.006582	2.38E-03	1.34E-05	4.71E-03	0.007108	2.26E-03	1.70E-05	9.05E-03	1.13E-02
3575	481363.09	3850377.25	0.0945	0.11824	0.09209	1.41E-03	8.35E-06	2.40E-03	0.003811	1.44E-03	8.22E-06	2.66E-03	0.00411	1.37E-03	1.04E-05	5.12E-03	6.49E-03
3576	481863.09	3850377.25	0.07857	0.09901	0.07905	1.17E-03	6.99E-06	2.06E-03	0.003233	1.19E-03	6.88E-06	2.29E-03	0.003489	1.14E-03	8.74E-06	4.39E-03	5.54E-03
3577	482363.09	3850377.25	0.06482	0.08647	0.06683	9.65E-04	6.11E-06	1.74E-03	0.00271	9.86E-04	6.01E-06	1.93E-03	0.002926	9.37E-04	7.63E-06	3.71E-03	4.66E-03
3578	482863.09	3850377.25	0.03871	0.05816	0.03935	5.76E-04	4.11E-06	1.02E-03	0.001604	5.89E-04	4.04E-06	1.14E-03	0.001731	5.59E-04	5.13E-06	2.19E-03	2.75E-03
3579	483363.09	3850377.25	0.03302	0.04386	0.0343	4.91E-04	3.10E-06	8.92E-04	0.001387	5.02E-04	3.05E-06	9.93E-04	0.001498	4.77E-04	3.87E-06	1.91E-03	2.39E-03
3580	483863.09	3850377.25	0.03661	0.04674	0.0354	5.45E-04	3.30E-06	9.21E-04	0.001469	5.57E-04	3.25E-06	1.02E-03	0.001584	5.29E-04	4.12E-06	1.97E-03	2.50E-03
3581	484363.09	3850377.25	0.04164	0.05349	0.04186	6.20E-04	3.78E-06	1.09E-03	0.001713	6.33E-04	3.72E-06	1.21E-03	0.001848	6.02E-04	4.72E-06	2.33E-03	2.93E-03
3582	484863.09	3850377.25	0.04755	0.06892	0.04948	7.08E-04	4.87E-06	1.29E-03	0.002	7.23E-04	4.79E-06	1.43E-03	0.00216	6.87E-04	6.08E-06	2.75E-03	3.44E-03
3583	485363.09	3850377.25	0.04599	0.06656	0.04431	6.85E-04	4.70E-06	1.15E-03	0.001842	6.99E-04	4.63E-06	1.28E-03	0.001986	6.65E-04	5.87E-06	2.46E-03	3.13E-03
3584	485863.09	3850377.25	0.03661	0.05719	0.03828	5.45E-04	4.04E-06	9.96E-04	0.001545	5.57E-04	3.97E-06	1.11E-03	0.001668	5.29E-04	5.05E-06	2.13E-03	2.66E-03
3585	486363.09	3850377.25	0.03465	0.05262	0.03633	5.16E-04	3.72E-06	9.45E-04	0.001465	5.27E-04	3.66E-06	1.05E-03	0.001582	5.01E-04	4.64E-06	2.02E-03	2.52E-03
3586	486863.09	3850377.25	0.03241	0.05696	0.03321	4.82E-04	4.02E-06	8.64E-04	0.00135	4.93E-04	3.96E-06	9.61E-04	0.001458	4.68E-04	5.03E-06	1.85E-03	2.32E-03
3587	487363.09	3850377.25	0.02954	0.05629	0.0301	4.40E-04	3.97E-06	7.83E-04	0.001227	4.49E-04	3.91E-06	8.71E-04	0.001324	4.27E-04	4.97E-06	1.67E-03	2.10E-03
3588	487863.09	3850377.25	0.02931	0.0568	0.03009	4.36E-04	4.01E-06	7.83E-04	0.001223	4.46E-04	3.95E-06	8.71E-04	0.00132	4.24E-04	5.01E-06	1.67E-03	2.10E-03
3589	488363.09	3850377.25	0.02863	0.05371	0.02877	4.26E-04	3.79E-06	7.48E-04	0.001178	4.35E-04	3.73E-06	8.33E-04	0.001272	4.14E-04	4.74E-06	1.60E-03	2.02E-03
3590	488863.09	3850377.25	0.02646	0.05372	0.02822	3.94E-04	3.79E-06	7.34E-04	0.001132	4.02E-04	3.73E-06	8.17E-04	0.001223	3.82E-04	4.74E-06	1.57E-03	1.96E-03
3591	489363.09	3850377.25	0.02571	0.05024	0.02748	3.83E-04	3.55E-06	7.15E-04	0.001101	3.91E-04	3.49E-06	7.95E-04	0.00119	3.72E-04	4.43E-06	1.53E-03	1.90E-03
3592	489863.09	3850377.25	0.02393	0.0439	0.02626	3.56E-04	3.10E-06	6.83E-04	0.001042	3.64E-04	3.05E-06	7.60E-04	0.001127	3.46E-04	3.87E-06	1.46E-03	1.81E-03
3593	490363.09	3850377.25	0.02429	0.04731	0.02611	3.62E-04	3.34E-06	6.79E-04	0.001044	3.69E-04	3.29E-06	7.56E-04	0.001128	3.51E-04	4.17E-06	1.45E-03	1.81E-03
3594	490863.09	3850377.25	0.02419	0.04923	0.02552	3.60E-04	3.48E-06	6.64E-04	0.001027	3.68E-04	3.42E-06	7.38E-04	0.00111	3.50E-04	4.34E-06	1.42E-03	1.77E-03
3595	491363.09	3850377.25	0.02394	0.04422	0.02605	3.56E-04	3.12E-06	6.78E-04	0.001037	3.64E-04	3.07E-06	7.54E-04	0.001121	3.46E-04	3.90E-06	1.45E-03	1.80E-03
3596	491863.09	3850377.25	0.02231	0.04117	0.0238	3.32E-04	2.91E-06	6.19E-04	0.000954	3.39E-04	2.86E-06	6.89E-04	0.001031	3.22E-04	3.63E-06	1.32E-03	1.65E-03
3597	492363.09	3850377.25	0.02123	0.03997	0.02256	3.16E-04	2.82E-06	5.87E-04	0.000906	3.23E-04	2.78E-06	6.53E-04	0.000978	3.07E-04	3.53E-06	1.25E-03	1.56E-03
3598	492863.09	3850377.25	0.02032	0.03885	0.02184	3.02E-04	2.74E-06	5.68E-04	0.000873	3.09E-04	2.70E-06	6.32E-04	0.000944	2.94E-04	3.43E-06	1.21E-03	1.51E-03
3599	493363.09	3850377.25	0.0193	0.03644	0.02041	2.87E-04	2.57E-06	5.31E-04	0.000821	2.94E-04	2.53E-06	5.91E-04	0.000887	2.79E-04	3.22E-06	1.13E-03	1.42E-03
3600	493863.09	3850377.25	0.02135	0.03928	0.02195	3.18E-04	2.77E-06	5.71E-04	0.000892	3.25E-04	2.73E-06	6.35E-04	0.000963	3.09E-04	3.47E-06	1.22E-03	1.53E-03
3601	494363.09	3850377.25	0.02244	0.04103	0.02359	3.34E-04	2.90E-06	6.14E-04	0.000951	3.41E-04	2.85E-06	6.83E-04	0.001027	3.24E-04	3.62E-06	1.31E-03	1.64E-03
3602	494863.09	3850377.25	0.02538	0.0455	0.02572	3.78E-04	3.21E-06	6.69E-04	0.00105	3.86E-04	3.16E-06	7.44E-04	0.001133	3.67E-04	4.01E-06	1.43E-03	1.80E-03
3603	495363.09	3850377.25	0.02777	0.05094	0.02882	4.13E-04	3.60E-06	7.50E-04	0.001167	4.22E-04	3.54E-06	8.34E-04	0.00126	4.01E-04	4.49E-06	1.60E-03	2.01E-03
3604	495863.09	3850377.25	0.02676	0.04763	0.02762	3.98E-04	3.36E-06	7.19E-04	0.00112	4.07E-04	3.31E-06	7.99E-04	0.00121	3.87E-04	4.20E-06	1.53E-03	1.93E-03
3605	496363.09	3850377.25	0.02955	0.05108	0.03094	4.40E-04	3.61E-06	8.05E-04	0.001248	4.49E-04	3.55E-06	8.95E-04	0.001348	4.27E-04	4.51E-06	1.72E-03	2.15E-03
3606	496863.09	3850377.25	0.03202	0.05867	0.03389	4.77E-04	4.14E-06	8.82E-04	0.001362	4.87E-04	4.08E-06	9.81E-04	0.001472	4.63E-04	5.18E-06	1.88E-03	2.35E-03
3607	497363.09	3850377.25	0.03342	0.05929	0.03539	4.97E-04	4.19E-06	9.21E-04	0.001422	5.08E-04	4.12E-06	1.02E-03	0.001536	4.83E-04	5.23E-06	1.97E-03	2.45E-03
3608	497863.09	3850377.25	0.03325	0.05817	0.03478	4.95E-04	4.11E-06	9.05E-04	0.001404	5.06E-04	4.04E-06	1.01E-03	0.001516	4.80E-04	5.13E-06	1.93E-03	2.42E-03
3609	498363.09	3850377.25	0.03337	0.05484	0.03461	4.97E-04	3.87E-06	9.00E-04	0.001401	5.08E-04	3.81E-06	1.00E-03	0.001513	4.82E-04	4.84E-06	1.92E-03	2.41E-03
3610	471363.09	3850877.25	0.05837	0.07633	0.06177	8.69E-04	5.39E-06	1.61E-03	0.002481	8.88E-04	5.31E-06	1.79E-03	0.00268	8.43E-04	6.73E-06	3.43E-03	4.28E-03
3611	471863.09	3850877.25	0.06678	0.09649	0.07093	9.94E-04	6.81E-06	1.85E-03	0.002846	1.02E-03	6.71E-06	2.05E-03	0.003075	9.65E-04	8.51E-06	3.94E-03	4.91E-03
3612	472363.09	3850877.25	0.07877	0.10899	0.08396	1.17E-03	7.70E-06	2.18E-03	0.003364	1.20E-03	7.58E-06	2.43E-03	0.003635	1.14E-03	9.62E-06	4.67E-03	5.81E-03
3613	472863.09	3850877.25	0.09119	0.11917	0.09915	1.36E-03	8.41E-06	2.58E-03	0.003945	1.39E-03	8.28E-06	2.87E-03	0.004264	1.32E-03	1.05E-05	5.51E-03	6.84E-03
3614	473363.09	3850877.25	0.08942	0.10488	0.09623	1.33E-03	7.41E-06	2.50E-03	0.003842	1.36E-03	7.29E-06	2.78E-03	0.004152	1.29E-03	9.25E-06	5.35E-03	6.65E-03
3615	473863.09	3850877.25	0.10989	0.11457	0.11597	1.64E-03	8.09E-06	3.02E-03	0.004661	1.67E-03	7.96E-06	3.36E-03	0.005035	1.59E-03	1.01E-05	6.44E-03	8.04E-03

3616	474363.09	3850877.25	0.13825	0.13135	0.1452	2.06E-03	9.27E-06	3.78E-03	0.005845	2.10E-03	9.13E-06	4.20E-03	0.006313	2.00E-03	1.16E-05	8.07E-03	1.01E-02
3617	474863.09	3850877.25	0.15127	0.1479	0.16572	2.25E-03	1.04E-05	4.31E-03	0.006573	2.30E-03	1.03E-05	4.80E-03	0.007106	2.19E-03	1.30E-05	9.21E-03	1.14E-02
3618	475363.09	3850877.25	0.1541	0.18134	0.16832	2.29E-03	1.28E-05	4.38E-03	0.006686	2.34E-03	1.26E-05	4.87E-03	0.007227	2.23E-03	1.60E-05	9.35E-03	1.16E-02
3619	475863.09	3850877.25	0.17398	0.20582	0.19333	2.59E-03	1.45E-05	5.03E-03	0.007634	2.65E-03	1.43E-05	5.59E-03	0.008255	2.51E-03	1.82E-05	1.07E-02	1.33E-02
3620	476363.09	3850877.25	0.18429	0.24739	0.22353	2.74E-03	1.75E-05	5.82E-03	0.008576	2.80E-03	1.72E-05	6.47E-03	0.009288	2.66E-03	2.18E-05	1.24E-02	1.51E-02
3621	476863.09	3850877.25	0.17367	0.26815	0.19815	2.59E-03	1.89E-05	5.16E-03	0.007759	2.64E-03	1.86E-05	5.73E-03	0.008394	2.51E-03	2.37E-05	1.10E-02	1.35E-02
3622	477363.09	3850877.25	0.159	0.23804	0.18	2.37E-03	1.68E-05	4.68E-03	0.007066	2.42E-03	1.65E-05	5.21E-03	0.007643	2.30E-03	2.10E-05	1.00E-02	1.23E-02
3623	477863.09	3850877.25	0.1673	0.23238	0.19669	2.49E-03	1.64E-05	5.12E-03	0.007624	2.54E-03	1.62E-05	5.69E-03	0.008252	2.42E-03	2.05E-05	1.09E-02	1.34E-02
3624	478363.09	3850877.25	0.17574	0.26043	0.20113	2.62E-03	1.84E-05	5.23E-03	0.007867	2.67E-03	1.81E-05	5.82E-03	0.008511	2.54E-03	2.30E-05	1.12E-02	1.37E-02
3625	478863.09	3850877.25	0.17549	0.23499	0.19394	2.61E-03	1.66E-05	5.05E-03	0.007674	2.67E-03	1.63E-05	5.61E-03	0.008297	2.54E-03	2.07E-05	1.08E-02	1.33E-02
3626	479363.09	3850877.25	0.25331	0.33511	0.27685	3.77E-03	2.37E-05	7.20E-03	0.010997	3.85E-03	2.33E-05	8.01E-03	0.011887	3.66E-03	2.96E-05	1.54E-02	1.91E-02
3627	479863.09	3850877.25	0.30421	0.40476	0.3466	4.53E-03	2.86E-05	9.02E-03	0.013574	4.63E-03	2.81E-05	1.00E-02	0.014684	4.40E-03	3.57E-05	1.93E-02	2.37E-02
3628	480363.09	3850877.25	0.30213	0.33816	0.33694	4.50E-03	2.39E-05	8.77E-03	0.013287	4.60E-03	2.35E-05	9.75E-03	0.014369	4.37E-03	2.98E-05	1.87E-02	2.31E-02
3629	480863.09	3850877.25	0.26367	0.26653	0.27786	3.92E-03	1.88E-05	7.23E-03	0.011172	4.01E-03	1.85E-05	8.04E-03	0.012069	3.81E-03	2.35E-05	1.54E-02	1.93E-02
3630	481363.09	3850877.25	0.19509	0.25718	0.20263	2.90E-03	1.82E-05	5.27E-03	0.008194	2.97E-03	1.79E-05	5.86E-03	0.008849	2.82E-03	2.27E-05	1.13E-02	1.41E-02
3631	481863.09	3850877.25	0.15446	0.19056	0.16201	2.30E-03	1.35E-05	4.21E-03	0.006527	2.35E-03	1.32E-05	4.69E-03	0.007051	2.23E-03	1.68E-05	9.00E-03	1.13E-02
3632	482363.09	3850877.25	0.09737	0.14853	0.09832	1.45E-03	1.05E-05	2.56E-03	0.004018	1.48E-03	1.03E-05	2.85E-03	0.004336	1.41E-03	1.31E-05	5.46E-03	6.88E-03
3633	482863.09	3850877.25	0.0673	0.10006	0.07106	1.00E-03	7.07E-06	1.85E-03	0.002858	1.02E-03	6.95E-06	2.06E-03	0.003087	9.72E-04	8.83E-06	3.95E-03	4.93E-03
3634	483363.09	3850877.25	0.0512	0.07662	0.0508	7.62E-04	5.41E-06	1.32E-03	0.002089	7.79E-04	5.33E-06	1.47E-03	0.002254	7.40E-04	6.76E-06	2.82E-03	3.57E-03
3635	483863.09	3850877.25	0.04948	0.07071	0.04831	7.37E-04	4.99E-06	1.26E-03	0.001998	7.53E-04	4.91E-06	1.40E-03	0.002155	7.15E-04	6.24E-06	2.68E-03	3.41E-03
3636	484363.09	3850877.25	0.05513	0.07481	0.05758	8.21E-04	5.28E-06	1.50E-03	0.002324	8.38E-04	5.20E-06	1.67E-03	0.00251	7.97E-04	6.60E-06	3.20E-03	4.00E-03
3637	484863.09	3850877.25	0.05353	0.08002	0.05417	7.97E-04	5.65E-06	1.41E-03	0.002212	8.14E-04	5.56E-06	1.57E-03	0.002387	7.74E-04	7.06E-06	3.01E-03	3.79E-03
3638	485363.09	3850877.25	0.05469	0.07971	0.05407	8.14E-04	5.63E-06	1.41E-03	0.002226	8.32E-04	5.54E-06	1.56E-03	0.002402	7.90E-04	7.03E-06	3.00E-03	3.80E-03
3639	485863.09	3850877.25	0.0424	0.06277	0.04447	6.31E-04	4.43E-06	1.16E-03	0.001792	6.45E-04	4.36E-06	1.29E-03	0.001936	6.13E-04	5.54E-06	2.47E-03	3.09E-03
3640	486363.09	3850877.25	0.04151	0.06682	0.04304	6.18E-04	4.72E-06	1.12E-03	0.001742	6.31E-04	4.64E-06	1.25E-03	0.001881	6.00E-04	5.90E-06	2.39E-03	3.00E-03
3641	486863.09	3850877.25	0.03915	0.07255	0.0387	5.83E-04	5.12E-06	1.01E-03	0.001595	5.95E-04	5.04E-06	1.12E-03	0.00172	5.66E-04	6.40E-06	2.15E-03	2.72E-03
3642	487363.09	3850877.25	0.03536	0.07058	0.0353	5.26E-04	4.98E-06	9.18E-04	0.00145	5.38E-04	4.91E-06	1.02E-03	0.001564	5.11E-04	6.23E-06	1.96E-03	2.48E-03
3643	487863.09	3850877.25	0.03466	0.06755	0.03453	5.16E-04	4.77E-06	8.98E-04	0.001419	5.27E-04	4.69E-06	9.99E-04	0.001531	5.01E-04	5.96E-06	1.92E-03	2.43E-03
3644	488363.09	3850877.25	0.03317	0.06345	0.03529	4.94E-04	4.48E-06	9.18E-04	0.001416	5.04E-04	4.41E-06	1.02E-03	0.00153	4.79E-04	5.60E-06	1.96E-03	2.45E-03
3645	488863.09	3850877.25	0.03264	0.06007	0.03482	4.86E-04	4.24E-06	9.06E-04	0.001396	4.96E-04	4.18E-06	1.01E-03	0.001508	4.72E-04	5.30E-06	1.93E-03	2.41E-03
3646	489363.09	3850877.25	0.03092	0.06015	0.03403	4.60E-04	4.25E-06	8.85E-04	0.00135	4.70E-04	4.18E-06	9.85E-04	0.001459	4.47E-04	5.31E-06	1.89E-03	2.34E-03
3647	489863.09	3850877.25	0.03151	0.06419	0.03389	4.69E-04	4.53E-06	8.82E-04	0.001355	4.79E-04	4.46E-06	9.81E-04	0.001464	4.55E-04	5.66E-06	1.88E-03	2.34E-03
3648	490363.09	3850877.25	0.03115	0.06179	0.03328	4.64E-04	4.36E-06	8.66E-04	0.001334	4.74E-04	4.29E-06	9.63E-04	0.001441	4.50E-04	5.45E-06	1.85E-03	2.30E-03
3649	490863.09	3850877.25	0.03166	0.05912	0.0325	4.71E-04	4.17E-06	8.46E-04	0.001321	4.82E-04	4.11E-06	9.40E-04	0.001426	4.57E-04	5.22E-06	1.81E-03	2.27E-03
3650	491363.09	3850877.25	0.02989	0.0551	0.03164	4.45E-04	3.89E-06	8.23E-04	0.001272	4.55E-04	3.83E-06	9.16E-04	0.001374	4.32E-04	4.86E-06	1.76E-03	2.19E-03
3651	491863.09	3850877.25	0.02939	0.05608	0.03059	4.37E-04	3.96E-06	7.96E-04	0.001237	4.47E-04	3.90E-06	8.85E-04	0.001336	4.25E-04	4.95E-06	1.70E-03	2.13E-03
3652	492363.09	3850877.25	0.02839	0.05494	0.02906	4.23E-04	3.88E-06	7.56E-04	0.001182	4.32E-04	3.82E-06	8.41E-04	0.001277	4.10E-04	4.85E-06	1.61E-03	2.03E-03
3653	492863.09	3850877.25	0.02686	0.05281	0.02756	4.00E-04	3.73E-06	7.17E-04	0.001121	4.09E-04	3.67E-06	7.98E-04	0.00121	3.88E-04	4.66E-06	1.53E-03	1.92E-03
3654	493363.09	3850877.25	0.02682	0.05166	0.02752	3.99E-04	3.65E-06	7.16E-04	0.001119	4.08E-04	3.59E-06	7.96E-04	0.001208	3.88E-04	4.56E-06	1.53E-03	1.92E-03
3655	493863.09	3850877.25	0.02896	0.0553	0.02932	4.31E-04	3.90E-06	7.63E-04	0.001198	4.40E-04	3.84E-06	8.48E-04	0.001293	4.18E-04	4.88E-06	1.63E-03	2.05E-03
3656	494363.09	3850877.25	0.02923	0.05596	0.03043	4.35E-04	3.95E-06	7.92E-04	0.001231	4.45E-04	3.89E-06	8.81E-04	0.001329	4.22E-04	4.94E-06	1.69E-03	2.12E-03
3657	494863.09	3850877.25	0.03181	0.0568	0.03398	4.73E-04	4.01E-06	8.84E-04	0.001362	4.84E-04	3.95E-06	9.83E-04	0.001471	4.60E-04	5.01E-06	1.89E-03	2.35E-03
3658	495363.09	3850877.25	0.03493	0.0642	0.03649	5.20E-04	4.53E-06	9.49E-04	0.001474	5.31E-04	4.46E-06	1.06E-03	0.001592	5.05E-04	5.66E-06	2.03E-03	2.54E-03
3659	495863.09	3850877.25	0.03533	0.06409	0.03697	5.26E-04	4.53E-06	9.62E-04	0.001492	5.37E-04	4.45E-06	1.07E-03	0.001612	5.11E-04	5.65E-06	2.05E-03	2.57E-03
3660	496363.09	3850877.25	0.03699	0.06484	0.03837	5.51E-04	4.58E-06	9.98E-04	0.001553	5.63E-04	4.51E-06	1.11E-03	0.001677	5.35E-04	5.72E-06	2.13E-03	2.67E-03
3661	496863.09	3850877.25	0.03998	0.06696	0.04083	5.95E-04	4.73E-06	1.06E-03	0.001662	6.08E-04	4.65E-06	1.18E-03	0.001794	5.78E-04	5.91E-06	2.27E-03	2.85E-03
3662	497363.09	3850877.25	0.03996	0.06657	0.04106	5.95E-04	4.70E-06	1.07E-03	0.001668	6.08E-04	4.63E-06	1.19E-03	0.001801	5.77E-04	5.87E-06	2.28E-03	2.86E-03

3663	497863.09	3850877.25	0.03874	0.06781	0.04094	5.77E-04	4.79E-06	1.07E-03	0.001647	5.89E-04	4.71E-06	1.18E-03	0.001779	5.60E-04	5.98E-06	2.27E-03	2.84E-03
3664	498363.09	3850877.25	0.03797	0.06298	0.03973	5.65E-04	4.45E-06	1.03E-03	0.001603	5.77E-04	4.38E-06	1.15E-03	0.001732	5.49E-04	5.56E-06	2.21E-03	2.76E-03
3665	471363.09	3851377.25	0.06184	0.07436	0.06412	9.20E-04	5.25E-06	1.67E-03	0.002594	9.41E-04	5.17E-06	1.86E-03	0.002801	8.94E-04	6.56E-06	3.56E-03	4.46E-03
3666	471863.09	3851377.25	0.0858	0.1003	0.08746	1.28E-03	7.08E-06	2.28E-03	0.00356	1.30E-03	6.97E-06	2.53E-03	0.003843	1.24E-03	8.85E-06	4.86E-03	6.11E-03
3667	472363.09	3851377.25	0.08464	0.11803	0.08761	1.26E-03	8.33E-06	2.28E-03	0.003547	1.29E-03	8.20E-06	2.54E-03	0.003831	1.22E-03	1.04E-05	4.87E-03	6.10E-03
3668	472863.09	3851377.25	0.08589	0.1217	0.08787	1.28E-03	8.59E-06	2.29E-03	0.003573	1.31E-03	8.46E-06	2.54E-03	0.003857	1.24E-03	1.07E-05	4.88E-03	6.13E-03
3669	473363.09	3851377.25	0.07692	0.11476	0.08238	1.14E-03	8.10E-06	2.14E-03	0.003296	1.17E-03	7.98E-06	2.38E-03	0.003562	1.11E-03	1.01E-05	4.58E-03	5.70E-03
3670	473863.09	3851377.25	0.08599	0.11827	0.09061	1.28E-03	8.35E-06	2.36E-03	0.003646	1.31E-03	8.22E-06	2.62E-03	0.003938	1.24E-03	1.04E-05	5.03E-03	6.29E-03
3671	474363.09	3851377.25	0.1051	0.1351	0.11167	1.56E-03	9.54E-06	2.91E-03	0.004479	1.60E-03	9.39E-06	3.23E-03	0.004839	1.52E-03	1.19E-05	6.21E-03	7.74E-03
3672	474863.09	3851377.25	0.1278	0.13812	0.13446	1.90E-03	9.75E-06	3.50E-03	0.00541	1.94E-03	9.60E-06	3.89E-03	0.005844	1.85E-03	1.22E-05	7.47E-03	9.33E-03
3673	475363.09	3851377.25	0.15896	0.15779	0.16757	2.37E-03	1.11E-05	4.36E-03	0.006737	2.42E-03	1.10E-05	4.85E-03	0.007278	2.30E-03	1.39E-05	9.31E-03	1.16E-02
3674	475863.09	3851377.25	0.17731	0.17789	0.18913	2.64E-03	1.26E-05	4.92E-03	0.007572	2.70E-03	1.24E-05	5.47E-03	0.008182	2.56E-03	1.57E-05	1.05E-02	1.31E-02
3675	476363.09	3851377.25	0.1855	0.21111	0.20227	2.76E-03	1.49E-05	5.26E-03	0.008038	2.82E-03	1.47E-05	5.85E-03	0.008689	2.68E-03	1.86E-05	1.12E-02	1.39E-02
3676	476863.09	3851377.25	0.21416	0.23697	0.22467	3.19E-03	1.67E-05	5.84E-03	0.009049	3.26E-03	1.65E-05	6.50E-03	0.009775	3.09E-03	2.09E-05	1.25E-02	1.56E-02
3677	477363.09	3851377.25	0.20917	0.30076	0.24495	3.11E-03	2.12E-05	6.37E-03	0.009507	3.18E-03	2.09E-05	7.09E-03	0.01029	3.02E-03	2.65E-05	1.36E-02	1.67E-02
3678	477863.09	3851377.25	0.19137	0.29393	0.22605	2.85E-03	2.08E-05	5.88E-03	0.00875	2.91E-03	2.04E-05	6.54E-03	0.009472	2.77E-03	2.59E-05	1.26E-02	1.54E-02
3679	478363.09	3851377.25	0.20896	0.26433	0.21742	3.11E-03	1.87E-05	5.66E-03	0.008785	3.18E-03	1.84E-05	6.29E-03	0.009488	3.02E-03	2.33E-05	1.21E-02	1.51E-02
3680	478863.09	3851377.25	0.21228	0.28497	0.2393	3.16E-03	2.01E-05	6.23E-03	0.009405	3.23E-03	1.98E-05	6.92E-03	0.010173	3.07E-03	2.51E-05	1.33E-02	1.64E-02
3681	479363.09	3851377.25	0.20767	0.30012	0.2481	3.09E-03	2.12E-05	6.45E-03	0.009567	3.16E-03	2.09E-05	7.18E-03	0.010359	3.00E-03	2.65E-05	1.38E-02	1.68E-02
3682	479863.09	3851377.25	0.28024	0.37629	0.30404	4.17E-03	2.66E-05	7.91E-03	0.012108	4.26E-03	2.62E-05	8.80E-03	0.013086	4.05E-03	3.32E-05	1.69E-02	2.10E-02
3683	480363.09	3851377.25	0.34163	0.48563	0.40183	5.09E-03	3.43E-05	1.05E-02	0.015573	5.20E-03	3.38E-05	1.16E-02	0.016857	4.94E-03	4.28E-05	2.23E-02	2.73E-02
3684	480863.09	3851377.25	0.33265	0.4164	0.36929	4.95E-03	2.94E-05	9.61E-03	0.014588	5.06E-03	2.89E-05	1.07E-02	0.015774	4.81E-03	3.67E-05	2.05E-02	2.54E-02
3685	481363.09	3851377.25	0.29123	0.36536	0.31874	4.33E-03	2.58E-05	8.29E-03	0.012653	4.43E-03	2.54E-05	9.22E-03	0.013678	4.21E-03	3.22E-05	1.77E-02	2.20E-02
3686	481863.09	3851377.25	0.22039	0.32997	0.22604	3.28E-03	2.33E-05	5.88E-03	0.009184	3.35E-03	2.29E-05	6.54E-03	0.009916	3.18E-03	2.91E-05	1.26E-02	1.58E-02
3687	482363.09	3851377.25	0.17403	0.23836	0.18525	2.59E-03	1.68E-05	4.82E-03	0.007427	2.65E-03	1.66E-05	5.36E-03	0.008024	2.51E-03	2.10E-05	1.03E-02	1.28E-02
3688	482863.09	3851377.25	0.11488	0.16656	0.11758	1.71E-03	1.18E-05	3.06E-03	0.004781	1.75E-03	1.16E-05	3.40E-03	0.005161	1.66E-03	1.47E-05	6.53E-03	8.21E-03
3689	483363.09	3851377.25	0.07301	0.11685	0.07181	1.09E-03	8.25E-06	1.87E-03	0.002963	1.11E-03	8.12E-06	2.08E-03	0.003197	1.06E-03	1.03E-05	3.99E-03	5.06E-03
3690	483863.09	3851377.25	0.06047	0.09538	0.05932	9.00E-04	6.73E-06	1.54E-03	0.00245	9.20E-04	6.63E-06	1.72E-03	0.002643	8.74E-04	8.42E-06	3.30E-03	4.18E-03
3691	484363.09	3851377.25	0.07583	0.10365	0.07616	1.13E-03	7.32E-06	1.98E-03	0.003117	1.15E-03	7.20E-06	2.20E-03	0.003364	1.10E-03	9.15E-06	4.23E-03	5.34E-03
3692	484863.09	3851377.25	0.05436	0.0863	0.05485	8.09E-04	6.09E-06	1.43E-03	0.002242	8.27E-04	6.00E-06	1.59E-03	0.00242	7.86E-04	7.61E-06	3.05E-03	3.84E-03
3693	485363.09	3851377.25	0.06748	0.09882	0.06778	1.00E-03	6.98E-06	1.76E-03	0.002775	1.03E-03	6.87E-06	1.96E-03	0.002995	9.75E-04	8.72E-06	3.77E-03	4.75E-03
3694	485863.09	3851377.25	0.05227	0.08848	0.05257	7.78E-04	6.25E-06	1.37E-03	0.002152	7.95E-04	6.15E-06	1.52E-03	0.002322	7.55E-04	7.81E-06	2.92E-03	3.68E-03
3695	486363.09	3851377.25	0.05259	0.09232	0.05358	7.83E-04	6.52E-06	1.39E-03	0.002183	8.00E-04	6.42E-06	1.55E-03	0.002357	7.60E-04	8.15E-06	2.98E-03	3.75E-03
3696	486863.09	3851377.25	0.0466	0.09402	0.04706	6.94E-04	6.64E-06	1.22E-03	0.001925	7.09E-04	6.53E-06	1.36E-03	0.002077	6.73E-04	8.30E-06	2.61E-03	3.30E-03
3697	487363.09	3851377.25	0.0386	0.07592	0.03944	5.75E-04	5.36E-06	1.03E-03	0.001606	5.87E-04	5.28E-06	1.14E-03	0.001734	5.58E-04	6.70E-06	2.19E-03	2.76E-03
3698	487863.09	3851377.25	0.04082	0.07798	0.04274	6.08E-04	5.51E-06	1.11E-03	0.001725	6.21E-04	5.42E-06	1.24E-03	0.001863	5.90E-04	6.88E-06	2.37E-03	2.97E-03
3699	488363.09	3851377.25	0.04221	0.07613	0.04285	6.28E-04	5.38E-06	1.11E-03	0.001748	6.42E-04	5.29E-06	1.24E-03	0.001887	6.10E-04	6.72E-06	2.38E-03	3.00E-03
3700	488863.09	3851377.25	0.04149	0.08258	0.04322	6.18E-04	5.83E-06	1.12E-03	0.001748	6.31E-04	5.74E-06	1.25E-03	0.001887	6.00E-04	7.29E-06	2.40E-03	3.01E-03
3701	489363.09	3851377.25	0.04062	0.08245	0.04291	6.05E-04	5.82E-06	1.12E-03	0.001727	6.18E-04	5.73E-06	1.24E-03	0.001865	5.87E-04	7.27E-06	2.38E-03	2.98E-03
3702	489863.09	3851377.25	0.04013	0.0808	0.04187	5.97E-04	5.71E-06	1.09E-03	0.001692	6.10E-04	5.62E-06	1.21E-03	0.001828	5.80E-04	7.13E-06	2.33E-03	2.91E-03
3703	490363.09	3851377.25	0.03932	0.07745	0.04073	5.85E-04	5.47E-06	1.06E-03	0.00165	5.98E-04	5.38E-06	1.18E-03	0.001782	5.68E-04	6.83E-06	2.26E-03	2.84E-03
3704	490863.09	3851377.25	0.03921	0.07734	0.04072	5.84E-04	5.46E-06	1.06E-03	0.001648	5.96E-04	5.38E-06	1.18E-03	0.00178	5.67E-04	6.82E-06	2.26E-03	2.84E-03
3705	491363.09	3851377.25	0.03784	0.07639	0.039	5.63E-04	5.39E-06	1.01E-03	0.001583	5.75E-04	5.31E-06	1.13E-03	0.001709	5.47E-04	6.74E-06	2.17E-03	2.72E-03
3706	491863.09	3851377.25	0.03682	0.07182	0.03864	5.48E-04	5.07E-06	1.01E-03	0.001558	5.60E-04	4.99E-06	1.12E-03	0.001683	5.32E-04	6.34E-06	2.15E-03	2.69E-03
3707	492363.09	3851377.25	0.03589	0.06816	0.03726	5.34E-04	4.81E-06	9.69E-04	0.001508	5.46E-04	4.74E-06	1.08E-03	0.001629	5.19E-04	6.01E-06	2.07E-03	2.60E-03
3708	492863.09	3851377.25	0.03363	0.06707	0.03503	5.01E-04	4.74E-06	9.11E-04	0.001417	5.11E-04	4.66E-06	1.01E-03	0.00153	4.86E-04	5.92E-06	1.95E-03	2.44E-03
3709	493363.09	3851377.25	0.02962	0.05944	0.0318	4.41E-04	4.20E-06	8.27E-04	0.001272	4.50E-04	4.13E-06	9.20E-04	0.001375	4.28E-04	5.24E-06	1.77E-03	2.20E-03

3710	493863.09	3851377.25	0.03234	0.06198	0.03412	4.81E-04	4.38E-06	8.88E-04	0.001373	4.92E-04	4.31E-06	9.87E-04	0.001484	4.67E-04	5.47E-06	1.90E-03	2.37E-03
3711	494363.09	3851377.25	0.03797	0.07056	0.03972	5.65E-04	4.98E-06	1.03E-03	0.001604	5.77E-04	4.90E-06	1.15E-03	0.001732	5.49E-04	6.23E-06	2.21E-03	2.76E-03
3712	494863.09	3851377.25	0.03927	0.07118	0.04008	5.85E-04	5.03E-06	1.04E-03	0.001632	5.97E-04	4.95E-06	1.16E-03	0.001762	5.67E-04	6.28E-06	2.23E-03	2.80E-03
3713	495363.09	3851377.25	0.04442	0.07682	0.046	6.61E-04	5.42E-06	1.20E-03	0.001863	6.76E-04	5.34E-06	1.33E-03	0.002012	6.42E-04	6.78E-06	2.56E-03	3.20E-03
3714	495863.09	3851377.25	0.04677	0.08321	0.0481	6.96E-04	5.88E-06	1.25E-03	0.001953	7.11E-04	5.78E-06	1.39E-03	0.002109	6.76E-04	7.34E-06	2.67E-03	3.36E-03
3715	496363.09	3851377.25	0.04799	0.08224	0.04925	7.14E-04	5.81E-06	1.28E-03	0.002001	7.30E-04	5.72E-06	1.43E-03	0.002161	6.93E-04	7.26E-06	2.74E-03	3.44E-03
3716	496863.09	3851377.25	0.04829	0.07922	0.04929	7.19E-04	5.59E-06	1.28E-03	0.002007	7.34E-04	5.51E-06	1.43E-03	0.002166	6.98E-04	6.99E-06	2.74E-03	3.44E-03
3717	497363.09	3851377.25	0.04633	0.07754	0.04879	6.90E-04	5.47E-06	1.27E-03	0.001964	7.05E-04	5.39E-06	1.41E-03	0.002122	6.69E-04	6.84E-06	2.71E-03	3.39E-03
3718	497863.09	3851377.25	0.04436	0.07431	0.04746	6.60E-04	5.25E-06	1.23E-03	0.0019	6.75E-04	5.16E-06	1.37E-03	0.002053	6.41E-04	6.56E-06	2.64E-03	3.28E-03
3719	498363.09	3851377.25	0.04219	0.06944	0.04427	6.28E-04	4.90E-06	1.15E-03	0.001785	6.42E-04	4.83E-06	1.28E-03	0.001928	6.10E-04	6.13E-06	2.46E-03	3.08E-03
3720	471363.09	3851877.25	0.06381	0.08842	0.06987	9.50E-04	6.24E-06	1.82E-03	0.002774	9.70E-04	6.15E-06	2.02E-03	0.002998	9.22E-04	7.80E-06	3.88E-03	4.81E-03
3721	471863.09	3851877.25	0.06154	0.08473	0.06531	9.16E-04	5.98E-06	1.70E-03	0.002621	9.36E-04	5.89E-06	1.89E-03	0.002832	8.89E-04	7.48E-06	3.63E-03	4.53E-03
3722	472363.09	3851877.25	0.07221	0.08901	0.07901	1.07E-03	6.28E-06	2.06E-03	0.003137	1.10E-03	6.19E-06	2.29E-03	0.003391	1.04E-03	7.85E-06	4.39E-03	5.44E-03
3723	472863.09	3851877.25	0.08692	0.10002	0.09146	1.29E-03	7.06E-06	2.38E-03	0.00368	1.32E-03	6.95E-06	2.65E-03	0.003976	1.26E-03	8.83E-06	5.08E-03	6.35E-03
3724	473363.09	3851877.25	0.07904	0.09954	0.08078	1.18E-03	7.03E-06	2.10E-03	0.003285	1.20E-03	6.92E-06	2.34E-03	0.003547	1.14E-03	8.78E-06	4.49E-03	5.64E-03
3725	473863.09	3851877.25	0.08118	0.11718	0.08079	1.21E-03	8.27E-06	2.10E-03	0.003318	1.23E-03	8.14E-06	2.34E-03	0.003581	1.17E-03	1.03E-05	4.49E-03	5.67E-03
3726	474363.09	3851877.25	0.09765	0.15459	0.10136	1.45E-03	1.09E-05	2.64E-03	0.004101	1.49E-03	1.07E-05	2.93E-03	0.004429	1.41E-03	1.36E-05	5.63E-03	7.06E-03
3727	474863.09	3851877.25	0.11535	0.16796	0.1206	1.72E-03	1.19E-05	3.14E-03	0.004866	1.75E-03	1.17E-05	3.49E-03	0.005256	1.67E-03	1.48E-05	6.70E-03	8.38E-03
3728	475363.09	3851877.25	0.13063	0.17531	0.14031	1.94E-03	1.24E-05	3.65E-03	0.005607	1.99E-03	1.22E-05	4.06E-03	0.006059	1.89E-03	1.55E-05	7.80E-03	9.70E-03
3729	475863.09	3851877.25	0.14475	0.17085	0.1507	2.15E-03	1.21E-05	3.92E-03	0.006087	2.20E-03	1.19E-05	4.36E-03	0.006574	2.09E-03	1.51E-05	8.37E-03	1.05E-02
3730	476363.09	3851877.25	0.16717	0.17357	0.17199	2.49E-03	1.23E-05	4.47E-03	0.006975	2.54E-03	1.21E-05	4.98E-03	0.007531	2.42E-03	1.53E-05	9.56E-03	1.20E-02
3731	476863.09	3851877.25	0.19677	0.19827	0.20881	2.93E-03	1.40E-05	5.43E-03	0.008375	2.99E-03	1.38E-05	6.04E-03	0.009049	2.84E-03	1.75E-05	1.16E-02	1.45E-02
3732	477363.09	3851877.25	0.21766	0.23772	0.23292	3.24E-03	1.68E-05	6.06E-03	0.009316	3.31E-03	1.65E-05	6.74E-03	0.010067	3.15E-03	2.10E-05	1.29E-02	1.61E-02
3733	477863.09	3851877.25	0.25465	0.28512	0.27735	3.79E-03	2.01E-05	7.22E-03	0.011026	3.87E-03	1.98E-05	8.03E-03	0.011918	3.68E-03	2.52E-05	1.54E-02	1.91E-02
3734	478363.09	3851877.25	0.2411	0.35924	0.26593	3.59E-03	2.54E-05	6.92E-03	0.010532	3.67E-03	2.50E-05	7.70E-03	0.011387	3.48E-03	3.17E-05	1.48E-02	1.83E-02
3735	478863.09	3851877.25	0.23004	0.36811	0.24629	3.42E-03	2.60E-05	6.41E-03	0.009858	3.50E-03	2.56E-05	7.13E-03	0.010651	3.32E-03	3.25E-05	1.37E-02	1.70E-02
3736	479363.09	3851877.25	0.24182	0.35674	0.27825	3.60E-03	2.52E-05	7.24E-03	0.010864	3.68E-03	2.48E-05	8.05E-03	0.011754	3.49E-03	3.15E-05	1.55E-02	1.90E-02
3737	479863.09	3851877.25	0.2746	0.36215	0.30014	4.09E-03	2.56E-05	7.81E-03	0.011921	4.18E-03	2.52E-05	8.69E-03	0.012887	3.97E-03	3.20E-05	1.67E-02	2.07E-02
3738	480363.09	3851877.25	0.32545	0.4373	0.35017	4.84E-03	3.09E-05	9.11E-03	0.013985	4.95E-03	3.04E-05	1.01E-02	0.015113	4.70E-03	3.86E-05	1.95E-02	2.42E-02
3739	480863.09	3851877.25	0.40062	0.56724	0.44634	5.96E-03	4.01E-05	1.16E-02	0.017615	6.09E-03	3.94E-05	1.29E-02	0.019048	5.79E-03	5.00E-05	2.48E-02	3.06E-02
3740	481363.09	3851877.25	0.38535	0.53377	0.41289	5.74E-03	3.77E-05	1.07E-02	0.016515	5.86E-03	3.71E-05	1.19E-02	0.017846	5.57E-03	4.71E-05	2.29E-02	2.86E-02
3741	481863.09	3851877.25	0.30868	0.41578	0.34345	4.59E-03	2.94E-05	8.94E-03	0.013559	4.69E-03	2.89E-05	9.94E-03	0.014662	4.46E-03	3.67E-05	1.91E-02	2.36E-02
3742	482363.09	3851877.25	0.20774	0.27512	0.20422	3.09E-03	1.94E-05	5.31E-03	0.008425	3.16E-03	1.91E-05	5.91E-03	0.009088	3.00E-03	2.43E-05	1.13E-02	1.44E-02
3743	482863.09	3851877.25	0.11766	0.17746	0.12363	1.75E-03	1.25E-05	3.22E-03	0.00498	1.79E-03	1.23E-05	3.58E-03	0.005379	1.70E-03	1.57E-05	6.87E-03	8.59E-03
3744	483363.09	3851877.25	0.11614	0.17491	0.11508	1.73E-03	1.24E-05	2.99E-03	0.004735	1.77E-03	1.22E-05	3.33E-03	0.005109	1.68E-03	1.54E-05	6.39E-03	8.09E-03
3745	483863.09	3851877.25	0.09302	0.14435	0.09068	1.38E-03	1.02E-05	2.36E-03	0.003754	1.41E-03	1.00E-05	2.62E-03	0.004049	1.34E-03	1.27E-05	5.04E-03	6.40E-03
3746	484363.09	3851877.25	0.09975	0.14222	0.09826	1.48E-03	1.00E-05	2.56E-03	0.004051	1.52E-03	9.88E-06	2.84E-03	0.00437	1.44E-03	1.25E-05	5.46E-03	6.91E-03
3747	484863.09	3851877.25	0.08395	0.13263	0.08496	1.25E-03	9.36E-06	2.21E-03	0.003469	1.28E-03	9.22E-06	2.46E-03	0.003745	1.21E-03	1.17E-05	4.72E-03	5.95E-03
3748	485363.09	3851877.25	0.08251	0.11665	0.0821	1.23E-03	8.24E-06	2.14E-03	0.003372	1.25E-03	8.11E-06	2.38E-03	0.003639	1.19E-03	1.03E-05	4.56E-03	5.76E-03
3749	485863.09	3851877.25	0.08099	0.13186	0.07764	1.21E-03	9.31E-06	2.02E-03	0.003235	1.23E-03	9.16E-06	2.25E-03	0.003488	1.17E-03	1.16E-05	4.31E-03	5.50E-03
3750	486363.09	3851877.25	0.06235	0.11212	0.06403	9.28E-04	7.92E-06	1.67E-03	0.002602	9.48E-04	7.79E-06	1.85E-03	0.002809	9.01E-04	9.89E-06	3.56E-03	4.47E-03
3751	486863.09	3851877.25	0.05652	0.112	0.0568	8.41E-04	7.91E-06	1.48E-03	0.002327	8.60E-04	7.78E-06	1.64E-03	0.002511	8.17E-04	9.88E-06	3.16E-03	3.98E-03
3752	487363.09	3851877.25	0.05347	0.1015	0.05534	7.96E-04	7.17E-06	1.44E-03	0.002243	8.13E-04	7.05E-06	1.60E-03	0.002422	7.73E-04	8.96E-06	3.08E-03	3.86E-03
3753	487863.09	3851877.25	0.04814	0.08827	0.05051	7.17E-04	6.23E-06	1.31E-03	0.002037	7.32E-04	6.14E-06	1.46E-03	0.0022	6.96E-04	7.79E-06	2.81E-03	3.51E-03
3754	488363.09	3851877.25	0.04941	0.09982	0.05123	7.35E-04	7.05E-06	1.33E-03	0.002075	7.51E-04	6.94E-06	1.48E-03	0.002241	7.14E-04	8.81E-06	2.85E-03	3.57E-03
3755	488863.09	3851877.25	0.04639	0.09299	0.047	6.91E-04	6.57E-06	1.22E-03	0.00192	7.06E-04	6.46E-06	1.36E-03	0.002072	6.70E-04	8.20E-06	2.61E-03	3.29E-03
3756	489363.09	3851877.25	0.04407	0.09159	0.04505	6.56E-04	6.47E-06	1.17E-03	0.001834	6.70E-04	6.37E-06	1.30E-03	0.00198	6.37E-04	8.08E-06	2.50E-03	3.15E-03

3757	489863.09	3851877.25	0.04264	0.09141	0.04511	6.35E-04	6.45E-06	1.17E-03	0.001815	6.48E-04	6.35E-06	1.31E-03	0.00196	6.16E-04	8.07E-06	2.51E-03	3.13E-03
3758	490363.09	3851877.25	0.0443	0.09107	0.04589	6.59E-04	6.43E-06	1.19E-03	0.00186	6.74E-04	6.33E-06	1.33E-03	0.002008	6.40E-04	8.04E-06	2.55E-03	3.20E-03
3759	490863.09	3851877.25	0.04596	0.09399	0.04792	6.84E-04	6.64E-06	1.25E-03	0.001937	6.99E-04	6.53E-06	1.39E-03	0.002092	6.64E-04	8.29E-06	2.66E-03	3.34E-03
3760	491363.09	3851877.25	0.04764	0.09549	0.04893	7.09E-04	6.74E-06	1.27E-03	0.001989	7.25E-04	6.64E-06	1.42E-03	0.002147	6.88E-04	8.43E-06	2.72E-03	3.42E-03
3761	491863.09	3851877.25	0.04721	0.09371	0.04782	7.03E-04	6.62E-06	1.24E-03	0.001953	7.18E-04	6.51E-06	1.38E-03	0.002108	6.82E-04	8.27E-06	2.66E-03	3.35E-03
3762	492363.09	3851877.25	0.04388	0.08813	0.04545	6.53E-04	6.22E-06	1.18E-03	0.001842	6.67E-04	6.13E-06	1.32E-03	0.001989	6.34E-04	7.78E-06	2.53E-03	3.17E-03
3763	492863.09	3851877.25	0.03894	0.07672	0.03974	5.80E-04	5.42E-06	1.03E-03	0.001619	5.92E-04	5.33E-06	1.15E-03	0.001748	5.63E-04	6.77E-06	2.21E-03	2.78E-03
3764	493363.09	3851877.25	0.04495	0.0846	0.04578	6.69E-04	5.97E-06	1.19E-03	0.001866	6.84E-04	5.88E-06	1.32E-03	0.002014	6.50E-04	7.46E-06	2.54E-03	3.20E-03
3765	493863.09	3851877.25	0.05129	0.09368	0.05303	7.63E-04	6.61E-06	1.38E-03	0.00215	7.80E-04	6.51E-06	1.53E-03	0.002321	7.41E-04	8.27E-06	2.95E-03	3.70E-03
3766	494363.09	3851877.25	0.05004	0.09511	0.05129	7.45E-04	6.72E-06	1.33E-03	0.002086	7.61E-04	6.61E-06	1.48E-03	0.002252	7.23E-04	8.39E-06	2.85E-03	3.58E-03
3767	494863.09	3851877.25	0.05582	0.09922	0.05656	8.31E-04	7.01E-06	1.47E-03	0.002309	8.49E-04	6.90E-06	1.64E-03	0.002493	8.07E-04	8.75E-06	3.14E-03	3.96E-03
3768	495363.09	3851877.25	0.05933	0.10163	0.06048	8.83E-04	7.18E-06	1.57E-03	0.002464	9.02E-04	7.06E-06	1.75E-03	0.00266	8.57E-04	8.97E-06	3.36E-03	4.23E-03
3769	495863.09	3851877.25	0.06008	0.10133	0.06267	8.94E-04	7.15E-06	1.63E-03	0.002532	9.14E-04	7.04E-06	1.81E-03	0.002734	8.68E-04	8.94E-06	3.48E-03	4.36E-03
3770	496363.09	3851877.25	0.05805	0.09653	0.06037	8.64E-04	6.82E-06	1.57E-03	0.002441	8.83E-04	6.71E-06	1.75E-03	0.002637	8.39E-04	8.52E-06	3.35E-03	4.20E-03
3771	496863.09	3851877.25	0.05531	0.09475	0.05896	8.23E-04	6.69E-06	1.53E-03	0.002364	8.41E-04	6.59E-06	1.71E-03	0.002554	7.99E-04	8.36E-06	3.28E-03	4.08E-03
3772	497363.09	3851877.25	0.05337	0.08892	0.05731	7.94E-04	6.28E-06	1.49E-03	0.002292	8.12E-04	6.18E-06	1.66E-03	0.002476	7.71E-04	7.85E-06	3.18E-03	3.96E-03
3773	497863.09	3851877.25	0.05056	0.08237	0.05361	7.53E-04	5.82E-06	1.39E-03	0.002153	7.69E-04	5.72E-06	1.55E-03	0.002326	7.31E-04	7.27E-06	2.98E-03	3.72E-03
3774	498363.09	3851877.25	0.04814	0.07553	0.05091	7.17E-04	5.33E-06	1.32E-03	0.002046	7.32E-04	5.25E-06	1.47E-03	0.002211	6.96E-04	6.66E-06	2.83E-03	3.53E-03
3775	471363.09	3852377.25	0.05425	0.079	0.05784	8.08E-04	5.58E-06	1.50E-03	0.002318	8.25E-04	5.49E-06	1.67E-03	0.002504	7.84E-04	6.97E-06	3.21E-03	4.00E-03
3776	471863.09	3852377.25	0.06421	0.09796	0.07045	9.56E-04	6.92E-06	1.83E-03	0.002795	9.77E-04	6.81E-06	2.04E-03	0.003022	9.28E-04	8.64E-06	3.91E-03	4.85E-03
3777	472363.09	3852377.25	0.07237	0.09955	0.0787	1.08E-03	7.03E-06	2.05E-03	0.003132	1.10E-03	6.92E-06	2.28E-03	0.003385	1.05E-03	8.78E-06	4.37E-03	5.43E-03
3778	472863.09	3852377.25	0.07858	0.11639	0.08449	1.17E-03	8.22E-06	2.20E-03	0.003376	1.20E-03	8.09E-06	2.44E-03	0.003648	1.14E-03	1.03E-05	4.69E-03	5.84E-03
3779	473363.09	3852377.25	0.08115	0.11351	0.08518	1.21E-03	8.01E-06	2.22E-03	0.003432	1.23E-03	7.89E-06	2.46E-03	0.003707	1.17E-03	1.00E-05	4.73E-03	5.92E-03
3780	473863.09	3852377.25	0.08219	0.11119	0.08499	1.22E-03	7.85E-06	2.21E-03	0.003442	1.25E-03	7.73E-06	2.46E-03	0.003717	1.19E-03	9.81E-06	4.72E-03	5.92E-03
3781	474363.09	3852377.25	0.08652	0.10686	0.08721	1.29E-03	7.55E-06	2.27E-03	0.003564	1.32E-03	7.43E-06	2.52E-03	0.003847	1.25E-03	9.43E-06	4.85E-03	6.11E-03
3782	474863.09	3852377.25	0.12421	0.15732	0.13011	1.85E-03	1.11E-05	3.38E-03	0.005245	1.89E-03	1.09E-05	3.77E-03	0.005665	1.79E-03	1.39E-05	7.23E-03	9.04E-03
3783	475363.09	3852377.25	0.12804	0.19734	0.13027	1.91E-03	1.39E-05	3.39E-03	0.005309	1.95E-03	1.37E-05	3.77E-03	0.005731	1.85E-03	1.74E-05	7.24E-03	9.11E-03
3784	475863.09	3852377.25	0.12825	0.20693	0.13465	1.91E-03	1.46E-05	3.50E-03	0.005427	1.95E-03	1.44E-05	3.90E-03	0.005861	1.85E-03	1.83E-05	7.48E-03	9.35E-03
3785	476363.09	3852377.25	0.12994	0.19466	0.13441	1.93E-03	1.37E-05	3.50E-03	0.005445	1.98E-03	1.35E-05	3.89E-03	0.005879	1.88E-03	1.72E-05	7.47E-03	9.36E-03
3786	476863.09	3852377.25	0.14479	0.19438	0.15413	2.16E-03	1.37E-05	4.01E-03	0.006179	2.20E-03	1.35E-05	4.46E-03	0.006676	2.09E-03	1.72E-05	8.56E-03	1.07E-02
3787	477363.09	3852377.25	0.16921	0.18738	0.17693	2.52E-03	1.32E-05	4.60E-03	0.007135	2.57E-03	1.30E-05	5.12E-03	0.007706	2.45E-03	1.65E-05	9.83E-03	1.23E-02
3788	477863.09	3852377.25	0.14318	0.175	0.14711	2.13E-03	1.24E-05	3.83E-03	0.005971	2.18E-03	1.22E-05	4.26E-03	0.006447	2.07E-03	1.54E-05	8.17E-03	1.03E-02
3789	478363.09	3852377.25	0.13747	0.16243	0.1469	2.05E-03	1.15E-05	3.82E-03	0.005879	2.09E-03	1.13E-05	4.25E-03	0.006353	1.99E-03	1.43E-05	8.16E-03	1.02E-02
3790	478863.09	3852377.25	0.22001	0.26381	0.22259	3.27E-03	1.86E-05	5.79E-03	0.009084	3.35E-03	1.83E-05	6.44E-03	0.009806	3.18E-03	2.33E-05	1.24E-02	1.56E-02
3791	479363.09	3852377.25	0.25077	0.36925	0.26722	3.73E-03	2.61E-05	6.95E-03	0.010711	3.81E-03	2.57E-05	7.73E-03	0.011572	3.62E-03	3.26E-05	1.48E-02	1.85E-02
3792	479863.09	3852377.25	0.30152	0.40187	0.33222	4.49E-03	2.84E-05	8.64E-03	0.013159	4.59E-03	2.79E-05	9.61E-03	0.014227	4.36E-03	3.55E-05	1.85E-02	2.29E-02
3793	480363.09	3852377.25	0.33129	0.44945	0.36191	4.93E-03	3.17E-05	9.42E-03	0.014378	5.04E-03	3.12E-05	1.05E-02	0.015542	4.79E-03	3.97E-05	2.01E-02	2.49E-02
3794	480863.09	3852377.25	0.38736	0.53997	0.41687	5.77E-03	3.81E-05	1.08E-02	0.016649	5.89E-03	3.75E-05	1.21E-02	0.017992	5.60E-03	4.76E-05	2.32E-02	2.88E-02
3795	481363.09	3852377.25	0.48376	0.73168	0.54538	7.20E-03	5.17E-05	1.42E-02	0.021441	7.36E-03	5.09E-05	1.58E-02	0.02319	6.99E-03	6.46E-05	3.03E-02	3.74E-02
3796	481863.09	3852377.25	0.44721	0.65133	0.49034	6.66E-03	4.60E-05	1.28E-02	0.019459	6.80E-03	4.53E-05	1.42E-02	0.021036	6.46E-03	5.75E-05	2.72E-02	3.38E-02
3797	482363.09	3852377.25	0.33865	0.58751	0.39794	5.04E-03	4.15E-05	1.04E-02	0.015435	5.15E-03	4.08E-05	1.15E-02	0.016707	4.89E-03	5.18E-05	2.21E-02	2.71E-02
3798	482863.09	3852377.25	0.27945	0.41172	0.30105	4.16E-03	2.91E-05	7.83E-03	0.012021	4.25E-03	2.86E-05	8.71E-03	0.01299	4.04E-03	3.63E-05	1.67E-02	2.08E-02
3799	483363.09	3852377.25	0.17405	0.27049	0.16984	2.59E-03	1.91E-05	4.42E-03	0.007028	2.65E-03	1.88E-05	4.91E-03	0.007581	2.52E-03	2.39E-05	9.44E-03	1.20E-02
3800	483863.09	3852377.25	0.12408	0.18472	0.11866	1.85E-03	1.30E-05	3.09E-03	0.004947	1.89E-03	1.28E-05	3.43E-03	0.005334	1.79E-03	1.63E-05	6.59E-03	8.40E-03
3801	484363.09	3852377.25	0.12536	0.20121	0.13057	1.87E-03	1.42E-05	3.40E-03	0.005277	1.91E-03	1.40E-05	3.78E-03	0.005699	1.81E-03	1.78E-05	7.26E-03	9.08E-03
3802	484863.09	3852377.25	0.12335	0.20605	0.12709	1.84E-03	1.45E-05	3.31E-03	0.005157	1.88E-03	1.43E-05	3.68E-03	0.005568	1.78E-03	1.82E-05	7.06E-03	8.86E-03
3803	485363.09	3852377.25	0.12673	0.20852	0.12406	1.89E-03	1.47E-05	3.23E-03	0.005129	1.93E-03	1.45E-05	3.59E-03	0.005532	1.83E-03	1.84E-05	6.89E-03	8.74E-03

3804	485863.09	3852377.25	0.1051	0.17485	0.10294	1.56E-03	1.23E-05	2.68E-03	0.004255	1.60E-03	1.22E-05	2.98E-03	0.004589	1.52E-03	1.54E-05	5.72E-03	7.25E-03
3805	486363.09	3852377.25	0.07674	0.14403	0.07847	1.14E-03	1.02E-05	2.04E-03	0.003194	1.17E-03	1.00E-05	2.27E-03	0.003448	1.11E-03	1.27E-05	4.36E-03	5.48E-03
3806	486863.09	3852377.25	0.06761	0.12878	0.07121	1.01E-03	9.09E-06	1.85E-03	0.002868	1.03E-03	8.95E-06	2.06E-03	0.003098	9.77E-04	1.14E-05	3.96E-03	4.95E-03
3807	487363.09	3852377.25	0.06355	0.12423	0.06667	9.46E-04	8.77E-06	1.73E-03	0.002689	9.67E-04	8.63E-06	1.93E-03	0.002904	9.18E-04	1.10E-05	3.70E-03	4.63E-03
3808	487863.09	3852377.25	0.059	0.11939	0.06216	8.78E-04	8.43E-06	1.62E-03	0.002504	8.97E-04	8.30E-06	1.80E-03	0.002704	8.53E-04	1.05E-05	3.45E-03	4.32E-03
3809	488363.09	3852377.25	0.05462	0.11972	0.05631	8.13E-04	8.45E-06	1.46E-03	0.002286	8.31E-04	8.32E-06	1.63E-03	0.002468	7.89E-04	1.06E-05	3.13E-03	3.93E-03
3810	488863.09	3852377.25	0.05027	0.11524	0.05263	7.48E-04	8.14E-06	1.37E-03	0.002126	7.65E-04	8.01E-06	1.52E-03	0.002296	7.26E-04	1.02E-05	2.92E-03	3.66E-03
3811	489363.09	3852377.25	0.04842	0.10907	0.05094	7.21E-04	7.70E-06	1.33E-03	0.002054	7.36E-04	7.58E-06	1.47E-03	0.002218	7.00E-04	9.62E-06	2.83E-03	3.54E-03
3812	489863.09	3852377.25	0.04477	0.09825	0.04677	6.66E-04	6.94E-06	1.22E-03	0.00189	6.81E-04	6.83E-06	1.35E-03	0.002041	6.47E-04	8.67E-06	2.60E-03	3.25E-03
3813	490363.09	3852377.25	0.04922	0.10319	0.05038	7.33E-04	7.29E-06	1.31E-03	0.002051	7.49E-04	7.17E-06	1.46E-03	0.002214	7.11E-04	9.10E-06	2.80E-03	3.52E-03
3814	490863.09	3852377.25	0.05109	0.10959	0.05304	7.60E-04	7.74E-06	1.38E-03	0.002148	7.77E-04	7.62E-06	1.53E-03	0.002319	7.38E-04	9.67E-06	2.95E-03	3.70E-03
3815	491363.09	3852377.25	0.05878	0.12515	0.06062	8.75E-04	8.84E-06	1.58E-03	0.002461	8.94E-04	8.70E-06	1.75E-03	0.002657	8.49E-04	1.10E-05	3.37E-03	4.23E-03
3816	491863.09	3852377.25	0.05995	0.12184	0.0616	8.92E-04	8.60E-06	1.60E-03	0.002504	9.12E-04	8.47E-06	1.78E-03	0.002703	8.66E-04	1.08E-05	3.42E-03	4.30E-03
3817	492363.09	3852377.25	0.05955	0.11801	0.0619	8.86E-04	8.33E-06	1.61E-03	0.002505	9.06E-04	8.20E-06	1.79E-03	0.002705	8.61E-04	1.04E-05	3.44E-03	4.31E-03
3818	492863.09	3852377.25	0.06469	0.12504	0.06661	9.63E-04	8.83E-06	1.73E-03	0.002705	9.84E-04	8.69E-06	1.93E-03	0.00292	9.35E-04	1.10E-05	3.70E-03	4.65E-03
3819	493363.09	3852377.25	0.07317	0.13322	0.0745	1.09E-03	9.41E-06	1.94E-03	0.003037	1.11E-03	9.26E-06	2.16E-03	0.003278	1.06E-03	1.18E-05	4.14E-03	5.21E-03
3820	493863.09	3852377.25	0.0704	0.12838	0.07211	1.05E-03	9.06E-06	1.88E-03	0.002933	1.07E-03	8.92E-06	2.09E-03	0.003166	1.02E-03	1.13E-05	4.01E-03	5.04E-03
3821	494363.09	3852377.25	0.06879	0.12033	0.07161	1.02E-03	8.50E-06	1.86E-03	0.002895	1.05E-03	8.36E-06	2.07E-03	0.003127	9.94E-04	1.06E-05	3.98E-03	4.98E-03
3822	494863.09	3852377.25	0.07258	0.12671	0.07411	1.08E-03	8.95E-06	1.93E-03	0.003017	1.10E-03	8.81E-06	2.14E-03	0.003257	1.05E-03	1.12E-05	4.12E-03	5.18E-03
3823	495363.09	3852377.25	0.07542	0.13256	0.07909	1.12E-03	9.36E-06	2.06E-03	0.00319	1.15E-03	9.21E-06	2.29E-03	0.003445	1.09E-03	1.17E-05	4.39E-03	5.50E-03
3824	495863.09	3852377.25	0.0713	0.12397	0.07358	1.06E-03	8.75E-06	1.91E-03	0.002984	1.08E-03	8.62E-06	2.13E-03	0.003222	1.03E-03	1.09E-05	4.09E-03	5.13E-03
3825	496363.09	3852377.25	0.06819	0.11347	0.07102	1.01E-03	8.01E-06	1.85E-03	0.002871	1.04E-03	7.89E-06	2.06E-03	0.0031	9.85E-04	1.00E-05	3.95E-03	4.94E-03
3826	496863.09	3852377.25	0.06629	0.10977	0.06948	9.87E-04	7.75E-06	1.81E-03	0.002802	1.01E-03	7.63E-06	2.01E-03	0.003026	9.58E-04	9.69E-06	3.86E-03	4.83E-03
3827	497363.09	3852377.25	0.06033	0.09576	0.06317	8.98E-04	6.76E-06	1.64E-03	0.002548	9.18E-04	6.66E-06	1.83E-03	0.002752	8.72E-04	8.45E-06	3.51E-03	4.39E-03
3828	497863.09	3852377.25	0.05489	0.08508	0.05727	8.17E-04	6.01E-06	1.49E-03	0.002313	8.35E-04	5.91E-06	1.66E-03	0.002498	7.93E-04	7.51E-06	3.18E-03	3.98E-03
3829	498363.09	3852377.25	0.04946	0.0747	0.05194	7.36E-04	5.27E-06	1.35E-03	0.002093	7.52E-04	5.19E-06	1.50E-03	0.00226	7.15E-04	6.59E-06	2.89E-03	3.61E-03
3830	471363.09	3852877.25	0.05599	0.07503	0.05886	8.33E-04	5.30E-06	1.53E-03	0.00237	8.52E-04	5.21E-06	1.70E-03	0.00256	8.09E-04	6.62E-06	3.27E-03	4.09E-03
3831	471863.09	3852877.25	0.06494	0.08732	0.0679	9.67E-04	6.17E-06	1.77E-03	0.002739	9.88E-04	6.07E-06	1.96E-03	0.002959	9.38E-04	7.70E-06	3.77E-03	4.72E-03
3832	472363.09	3852877.25	0.07177	0.10601	0.07751	1.07E-03	7.49E-06	2.02E-03	0.003092	1.09E-03	7.37E-06	2.24E-03	0.003342	1.04E-03	9.35E-06	4.31E-03	5.35E-03
3833	472863.09	3852877.25	0.0777	0.1236	0.08504	1.16E-03	8.73E-06	2.21E-03	0.003378	1.18E-03	8.59E-06	2.46E-03	0.003651	1.12E-03	1.09E-05	4.73E-03	5.86E-03
3834	473363.09	3852877.25	0.08783	0.13456	0.09523	1.31E-03	9.50E-06	2.48E-03	0.003794	1.34E-03	9.35E-06	2.76E-03	0.004101	1.27E-03	1.19E-05	5.29E-03	6.57E-03
3835	473863.09	3852877.25	0.09656	0.14784	0.1047	1.44E-03	1.04E-05	2.72E-03	0.004172	1.47E-03	1.03E-05	3.03E-03	0.004509	1.40E-03	1.30E-05	5.82E-03	7.23E-03
3836	474363.09	3852877.25	0.10695	0.16348	0.11524	1.59E-03	1.15E-05	3.00E-03	0.004602	1.63E-03	1.14E-05	3.33E-03	0.004973	1.55E-03	1.44E-05	6.40E-03	7.96E-03
3837	474863.09	3852877.25	0.09615	0.14784	0.10329	1.43E-03	1.04E-05	2.69E-03	0.004129	1.46E-03	1.03E-05	2.99E-03	0.004462	1.39E-03	1.30E-05	5.74E-03	7.14E-03
3838	475363.09	3852877.25	0.10941	0.1631	0.11475	1.63E-03	1.15E-05	2.99E-03	0.004625	1.66E-03	1.13E-05	3.32E-03	0.004996	1.58E-03	1.44E-05	6.38E-03	7.97E-03
3839	475863.09	3852877.25	0.11443	0.16216	0.12063	1.70E-03	1.14E-05	3.14E-03	0.004853	1.74E-03	1.13E-05	3.49E-03	0.005242	1.65E-03	1.43E-05	6.70E-03	8.37E-03
3840	476363.09	3852877.25	0.10649	0.15337	0.11096	1.59E-03	1.08E-05	2.89E-03	0.004483	1.62E-03	1.07E-05	3.21E-03	0.004841	1.54E-03	1.35E-05	6.17E-03	7.72E-03
3841	476863.09	3852877.25	0.09255	0.13862	0.09975	1.38E-03	9.79E-06	2.60E-03	0.003982	1.41E-03	9.63E-06	2.89E-03	0.004304	1.34E-03	1.22E-05	5.54E-03	6.89E-03
3842	477363.09	3852877.25	0.08854	0.12963	0.09264	1.32E-03	9.15E-06	2.41E-03	0.003737	1.35E-03	9.01E-06	2.68E-03	0.004036	1.28E-03	1.14E-05	5.15E-03	6.44E-03
3843	477863.09	3852877.25	0.07475	0.12392	0.07689	1.11E-03	8.75E-06	2.00E-03	0.003122	1.14E-03	8.61E-06	2.22E-03	0.00337	1.08E-03	1.09E-05	4.27E-03	5.36E-03
3844	478363.09	3852877.25	0.0599	0.10152	0.06422	8.92E-04	7.17E-06	1.67E-03	0.00257	9.11E-04	7.06E-06	1.86E-03	0.002776	8.66E-04	8.96E-06	3.57E-03	4.44E-03
3845	478863.09	3852877.25	0.0805	0.09964	0.08494	1.20E-03	7.04E-06	2.21E-03	0.003415	1.22E-03	6.93E-06	2.46E-03	0.003689	1.16E-03	8.79E-06	4.72E-03	5.89E-03
3846	479363.09	3852877.25	0.1172	0.16126	0.12546	1.74E-03	1.14E-05	3.26E-03	0.00502	1.78E-03	1.12E-05	3.63E-03	0.005424	1.69E-03	1.42E-05	6.97E-03	8.68E-03
3847	479863.09	3852877.25	0.2995	0.39331	0.29936	4.46E-03	2.78E-05	7.79E-03	0.012274	4.56E-03	2.73E-05	8.66E-03	0.013245	4.33E-03	3.47E-05	1.66E-02	2.10E-02
3848	480363.09	3852877.25	0.37371	0.66291	0.40078	5.56E-03	4.68E-05	1.04E-02	0.016036	5.68E-03	4.61E-05	1.16E-02	0.017327	5.40E-03	5.85E-05	2.23E-02	2.77E-02
3849	480863.09	3852877.25	0.40055	0.62747	0.45497	5.96E-03	4.43E-05	1.18E-02	0.017843	6.09E-03	4.36E-05	1.32E-02	0.019301	5.79E-03	5.54E-05	2.53E-02	3.11E-02
3850	481363.09	3852877.25	0.48424	0.75513	0.55215	7.21E-03	5.33E-05	1.44E-02	0.021626	7.36E-03	5.25E-05	1.60E-02	0.023395	7.00E-03	6.66E-05	3.07E-02	3.77E-02

3851	481863.09	3852877.25	0.60043	0.99556	0.69859	8.94E-03	7.03E-05	1.82E-02	0.027182	9.13E-03	6.92E-05	2.02E-02	0.029416	8.68E-03	8.78E-05	3.88E-02	4.76E-02
3852	482363.09	3852877.25	0.54686	0.8193	0.58674	8.14E-03	5.78E-05	1.53E-02	0.023462	8.32E-03	5.69E-05	1.70E-02	0.025353	7.90E-03	7.23E-05	3.26E-02	4.06E-02
3853	482863.09	3852877.25	0.42576	0.67164	0.45898	6.34E-03	4.74E-05	1.19E-02	0.018326	6.48E-03	4.67E-05	1.33E-02	0.019804	6.15E-03	5.93E-05	2.55E-02	3.17E-02
3854	483363.09	3852877.25	0.33638	0.59871	0.32776	5.01E-03	4.23E-05	8.53E-03	0.013576	5.12E-03	4.16E-05	9.48E-03	0.014642	4.86E-03	5.28E-05	1.82E-02	2.31E-02
3855	483863.09	3852877.25	0.18057	0.25866	0.17465	2.69E-03	1.83E-05	4.54E-03	0.00725	2.75E-03	1.80E-05	5.05E-03	0.007818	2.61E-03	2.28E-05	9.70E-03	1.23E-02
3856	484363.09	3852877.25	0.18764	0.29539	0.19245	2.79E-03	2.09E-05	5.01E-03	0.007821	2.85E-03	2.05E-05	5.57E-03	0.008443	2.71E-03	2.61E-05	1.07E-02	1.34E-02
3857	484863.09	3852877.25	0.18749	0.29843	0.18423	2.79E-03	2.11E-05	4.79E-03	0.007605	2.85E-03	2.07E-05	5.33E-03	0.008203	2.71E-03	2.63E-05	1.02E-02	1.30E-02
3858	485363.09	3852877.25	0.1167	0.1833	0.11495	1.74E-03	1.29E-05	2.99E-03	0.004741	1.77E-03	1.27E-05	3.33E-03	0.005114	1.69E-03	1.62E-05	6.39E-03	8.09E-03
3859	485863.09	3852877.25	0.09523	0.16752	0.09736	1.42E-03	1.18E-05	2.53E-03	0.003962	1.45E-03	1.16E-05	2.82E-03	0.004277	1.38E-03	1.48E-05	5.41E-03	6.80E-03
3860	486363.09	3852877.25	0.0783	0.15995	0.08182	1.17E-03	1.13E-05	2.13E-03	0.003305	1.19E-03	1.11E-05	2.37E-03	0.00357	1.13E-03	1.41E-05	4.55E-03	5.69E-03
3861	486863.09	3852877.25	0.07873	0.16059	0.08192	1.17E-03	1.13E-05	2.13E-03	0.003314	1.20E-03	1.12E-05	2.37E-03	0.003579	1.14E-03	1.42E-05	4.55E-03	5.70E-03
3862	487363.09	3852877.25	0.07241	0.15856	0.07441	1.08E-03	1.12E-05	1.94E-03	0.003025	1.10E-03	1.10E-05	2.15E-03	0.003266	1.05E-03	1.40E-05	4.13E-03	5.20E-03
3863	487863.09	3852877.25	0.06753	0.1558	0.07044	1.01E-03	1.10E-05	1.83E-03	0.002849	1.03E-03	1.08E-05	2.04E-03	0.003076	9.76E-04	1.37E-05	3.91E-03	4.90E-03
3864	488363.09	3852877.25	0.05225	0.12651	0.05543	7.78E-04	8.93E-06	1.44E-03	0.002229	7.95E-04	8.79E-06	1.60E-03	0.002407	7.55E-04	1.12E-05	3.08E-03	3.85E-03
3865	488863.09	3852877.25	0.05439	0.12854	0.05722	8.10E-04	9.08E-06	1.49E-03	0.002307	8.27E-04	8.93E-06	1.66E-03	0.002492	7.86E-04	1.13E-05	3.18E-03	3.98E-03
3866	489363.09	3852877.25	0.05547	0.12878	0.05817	8.26E-04	9.09E-06	1.51E-03	0.002348	8.44E-04	8.95E-06	1.68E-03	0.002536	8.02E-04	1.14E-05	3.23E-03	4.05E-03
3867	489863.09	3852877.25	0.05596	0.12949	0.05917	8.33E-04	9.14E-06	1.54E-03	0.002381	8.51E-04	9.00E-06	1.71E-03	0.002572	8.09E-04	1.14E-05	3.29E-03	4.11E-03
3868	490363.09	3852877.25	0.06917	0.15162	0.07231	1.03E-03	1.07E-05	1.88E-03	0.002921	1.05E-03	1.05E-05	2.09E-03	0.003155	1.00E-03	1.34E-05	4.02E-03	5.03E-03
3869	490863.09	3852877.25	0.0781	0.16267	0.07905	1.16E-03	1.15E-05	2.06E-03	0.003231	1.19E-03	1.13E-05	2.29E-03	0.003487	1.13E-03	1.44E-05	4.39E-03	5.54E-03
3870	491363.09	3852877.25	0.08422	0.16497	0.08492	1.25E-03	1.16E-05	2.21E-03	0.003475	1.28E-03	1.15E-05	2.46E-03	0.00375	1.22E-03	1.46E-05	4.72E-03	5.95E-03
3871	491863.09	3852877.25	0.08506	0.16285	0.08572	1.27E-03	1.15E-05	2.23E-03	0.003508	1.29E-03	1.13E-05	2.48E-03	0.003785	1.23E-03	1.44E-05	4.76E-03	6.01E-03
3872	492363.09	3852877.25	0.0876	0.16709	0.08828	1.30E-03	1.18E-05	2.30E-03	0.003612	1.33E-03	1.16E-05	2.55E-03	0.003898	1.27E-03	1.47E-05	4.91E-03	6.19E-03
3873	492863.09	3852877.25	0.09286	0.1771	0.09578	1.38E-03	1.25E-05	2.49E-03	0.003887	1.41E-03	1.23E-05	2.77E-03	0.004196	1.34E-03	1.56E-05	5.32E-03	6.68E-03
3874	493363.09	3852877.25	0.09671	0.18154	0.10109	1.44E-03	1.28E-05	2.63E-03	0.004082	1.47E-03	1.26E-05	2.93E-03	0.004409	1.40E-03	1.60E-05	5.62E-03	7.03E-03
3875	493863.09	3852877.25	0.09535	0.17109	0.09924	1.42E-03	1.21E-05	2.58E-03	0.004013	1.45E-03	1.19E-05	2.87E-03	0.004334	1.38E-03	1.51E-05	5.51E-03	6.91E-03
3876	494363.09	3852877.25	0.09454	0.16507	0.09754	1.41E-03	1.17E-05	2.54E-03	0.003956	1.44E-03	1.15E-05	2.82E-03	0.004272	1.37E-03	1.46E-05	5.42E-03	6.80E-03
3877	494863.09	3852877.25	0.09481	0.1618	0.09883	1.41E-03	1.14E-05	2.57E-03	0.003994	1.44E-03	1.12E-05	2.86E-03	0.004313	1.37E-03	1.43E-05	5.49E-03	6.88E-03
3878	495363.09	3852877.25	0.0885	0.14594	0.09123	1.32E-03	1.03E-05	2.37E-03	0.003701	1.35E-03	1.01E-05	2.64E-03	0.003996	1.28E-03	1.29E-05	5.07E-03	6.36E-03
3879	495863.09	3852877.25	0.08149	0.13044	0.08491	1.21E-03	9.21E-06	2.21E-03	0.003431	1.24E-03	9.07E-06	2.46E-03	0.003705	1.18E-03	1.15E-05	4.72E-03	5.91E-03
3880	496363.09	3852877.25	0.07973	0.12935	0.0824	1.19E-03	9.13E-06	2.14E-03	0.00334	1.21E-03	8.99E-06	2.38E-03	0.003606	1.15E-03	1.14E-05	4.58E-03	5.74E-03
3881	496863.09	3852877.25	0.07644	0.11994	0.07972	1.14E-03	8.47E-06	2.07E-03	0.00322	1.16E-03	8.34E-06	2.31E-03	0.003478	1.10E-03	1.06E-05	4.43E-03	5.54E-03
3882	497363.09	3852877.25	0.06682	0.1003	0.06842	9.95E-04	7.08E-06	1.78E-03	0.002782	1.02E-03	6.97E-06	1.98E-03	0.003003	9.66E-04	8.85E-06	3.80E-03	4.78E-03
3883	497863.09	3852877.25	0.05039	0.07458	0.05317	7.50E-04	5.27E-06	1.38E-03	0.002139	7.66E-04	5.18E-06	1.54E-03	0.00231	7.28E-04	6.58E-06	2.95E-03	3.69E-03
3884	498363.09	3852877.25	0.04722	0.068	0.0498	7.03E-04	4.80E-06	1.30E-03	0.002003	7.18E-04	4.73E-06	1.44E-03	0.002164	6.82E-04	6.00E-06	2.77E-03	3.46E-03
3885	471363.09	3853377.25	0.05375	0.07861	0.05903	8.00E-04	5.55E-06	1.54E-03	0.002341	8.17E-04	5.46E-06	1.71E-03	0.002531	7.77E-04	6.94E-06	3.28E-03	4.06E-03
3886	471863.09	3853377.25	0.05931	0.08601	0.06504	8.83E-04	6.07E-06	1.69E-03	0.002581	9.02E-04	5.98E-06	1.88E-03	0.00279	8.57E-04	7.59E-06	3.61E-03	4.48E-03
3887	472363.09	3853377.25	0.06931	0.10565	0.07588	1.03E-03	7.46E-06	1.97E-03	0.003013	1.05E-03	7.34E-06	2.20E-03	0.003257	1.00E-03	9.32E-06	4.22E-03	5.23E-03
3888	472863.09	3853377.25	0.07779	0.11668	0.08278	1.16E-03	8.24E-06	2.15E-03	0.00332	1.18E-03	8.11E-06	2.40E-03	0.003587	1.12E-03	1.03E-05	4.60E-03	5.73E-03
3889	473363.09	3853377.25	0.08426	0.11968	0.08849	1.25E-03	8.45E-06	2.30E-03	0.003565	1.28E-03	8.32E-06	2.56E-03	0.00385	1.22E-03	1.06E-05	4.92E-03	6.15E-03
3890	473863.09	3853377.25	0.09082	0.13193	0.09474	1.35E-03	9.32E-06	2.46E-03	0.003826	1.38E-03	9.17E-06	2.74E-03	0.004132	1.31E-03	1.16E-05	5.26E-03	6.59E-03
3891	474363.09	3853377.25	0.09516	0.13723	0.10266	1.42E-03	9.69E-06	2.67E-03	0.004097	1.45E-03	9.54E-06	2.97E-03	0.004428	1.38E-03	1.21E-05	5.70E-03	7.09E-03
3892	474863.09	3853377.25	0.09465	0.13699	0.10211	1.41E-03	9.67E-06	2.66E-03	0.004075	1.44E-03	9.52E-06	2.95E-03	0.004404	1.37E-03	1.21E-05	5.67E-03	7.05E-03
3893	475363.09	3853377.25	0.09424	0.14601	0.10064	1.40E-03	1.03E-05	2.62E-03	0.004031	1.43E-03	1.01E-05	2.91E-03	0.004356	1.36E-03	1.29E-05	5.59E-03	6.97E-03
3894	475863.09	3853377.25	0.09319	0.14606	0.0992	1.39E-03	1.03E-05	2.58E-03	0.003978	1.42E-03	1.02E-05	2.87E-03	0.004298	1.35E-03	1.29E-05	5.51E-03	6.87E-03
3895	476363.09	3853377.25	0.08467	0.12664	0.08715	1.26E-03	8.94E-06	2.27E-03	0.003537	1.29E-03	8.80E-06	2.52E-03	0.003818	1.22E-03	1.12E-05	4.84E-03	6.08E-03
3896	476863.09	3853377.25	0.06744	0.10025	0.07168	1.00E-03	7.08E-06	1.86E-03	0.002876	1.03E-03	6.97E-06	2.07E-03	0.003107	9.75E-04	8.85E-06	3.98E-03	4.97E-03
3897	477363.09	3853377.25	0.06947	0.09911	0.07358	1.03E-03	7.00E-06	1.91E-03	0.002955	1.06E-03	6.89E-06	2.13E-03	0.003193	1.00E-03	8.74E-06	4.09E-03	5.10E-03

3898	477863.09	3853377.25	0.0715	0.10355	0.07681	1.06E-03	7.31E-06	2.00E-03	0.00307	1.09E-03	7.20E-06	2.22E-03	0.003317	1.03E-03	9.14E-06	4.27E-03	5.31E-03
3899	478363.09	3853377.25	0.06002	0.09979	0.06506	8.93E-04	7.05E-06	1.69E-03	0.002593	9.13E-04	6.94E-06	1.88E-03	0.002802	8.67E-04	8.80E-06	3.62E-03	4.49E-03
3900	478863.09	3853377.25	0.05022	0.08557	0.05332	7.48E-04	6.04E-06	1.39E-03	0.002141	7.64E-04	5.95E-06	1.54E-03	0.002313	7.26E-04	7.55E-06	2.96E-03	3.70E-03
3901	479363.09	3853377.25	0.08437	0.14392	0.09063	1.26E-03	1.02E-05	2.36E-03	0.003624	1.28E-03	1.00E-05	2.62E-03	0.003916	1.22E-03	1.27E-05	5.04E-03	6.27E-03
3902	479863.09	3853377.25	0.14234	0.20866	0.14992	2.12E-03	1.47E-05	3.90E-03	0.006034	2.16E-03	1.45E-05	4.34E-03	0.006518	2.06E-03	1.84E-05	8.33E-03	1.04E-02
3903	480363.09	3853377.25	0.35794	0.44516	0.36049	5.33E-03	3.14E-05	9.38E-03	0.014738	5.44E-03	3.09E-05	1.04E-02	0.015906	5.17E-03	3.93E-05	2.00E-02	2.52E-02
3904	480863.09	3853377.25	0.39458	0.53074	0.40391	5.87E-03	3.75E-05	1.05E-02	0.016419	6.00E-03	3.69E-05	1.17E-02	0.017726	5.70E-03	4.68E-05	2.24E-02	2.82E-02
3905	481363.09	3853377.25	0.53628	0.78452	0.5852	7.98E-03	5.54E-05	1.52E-02	0.023262	8.16E-03	5.45E-05	1.69E-02	0.025145	7.75E-03	6.92E-05	3.25E-02	4.03E-02
3906	481863.09	3853377.25	0.68259	1.11996	0.81716	1.02E-02	7.91E-05	2.13E-02	0.031498	1.04E-02	7.78E-05	2.36E-02	0.034106	9.86E-03	9.88E-05	4.54E-02	5.54E-02
3907	482363.09	3853377.25	0.85659	1.45571	0.98066	1.28E-02	1.03E-04	2.55E-02	0.038366	1.30E-02	1.01E-04	2.84E-02	0.041507	1.24E-02	1.28E-04	5.45E-02	6.70E-02
3908	482863.09	3853377.25	0.75181	1.13997	0.74752	1.12E-02	8.05E-05	1.94E-02	0.030718	1.14E-02	7.92E-05	2.16E-02	0.033145	1.09E-02	1.01E-04	4.15E-02	5.25E-02
3909	483363.09	3853377.25	0.52413	0.9391	0.49854	7.80E-03	6.63E-05	1.30E-02	0.020838	7.97E-03	6.53E-05	1.44E-02	0.022463	7.57E-03	8.29E-05	2.77E-02	3.54E-02
3910	483863.09	3853377.25	0.38882	0.62203	0.37365	5.79E-03	4.39E-05	9.72E-03	0.015552	5.91E-03	4.32E-05	1.08E-02	0.016769	5.62E-03	5.49E-05	2.08E-02	2.64E-02
3911	484363.09	3853377.25	0.32792	0.51653	0.32184	4.88E-03	3.65E-05	8.37E-03	0.01329	4.99E-03	3.59E-05	9.31E-03	0.014336	4.74E-03	4.56E-05	1.79E-02	2.27E-02
3912	484863.09	3853377.25	0.20709	0.30295	0.19853	3.08E-03	2.14E-05	5.16E-03	0.008269	3.15E-03	2.11E-05	5.74E-03	0.008916	2.99E-03	2.67E-05	1.10E-02	1.41E-02
3913	485363.09	3853377.25	0.11679	0.21066	0.12432	1.74E-03	1.49E-05	3.23E-03	0.004988	1.78E-03	1.46E-05	3.60E-03	0.005388	1.69E-03	1.86E-05	6.91E-03	8.61E-03
3914	485863.09	3853377.25	0.09007	0.1909	0.09661	1.34E-03	1.35E-05	2.51E-03	0.003868	1.37E-03	1.33E-05	2.80E-03	0.004179	1.30E-03	1.68E-05	5.37E-03	6.69E-03
3915	486363.09	3853377.25	0.0953	0.21836	0.10096	1.42E-03	1.54E-05	2.63E-03	0.004061	1.45E-03	1.52E-05	2.92E-03	0.004386	1.38E-03	1.93E-05	5.61E-03	7.01E-03
3916	486863.09	3853377.25	0.09475	0.23207	0.09765	1.41E-03	1.64E-05	2.54E-03	0.003967	1.44E-03	1.61E-05	2.83E-03	0.004283	1.37E-03	2.05E-05	5.43E-03	6.82E-03
3917	487363.09	3853377.25	0.0996	0.24004	0.10034	1.48E-03	1.69E-05	2.61E-03	0.00411	1.51E-03	1.67E-05	2.90E-03	0.004435	1.44E-03	2.12E-05	5.58E-03	7.04E-03
3918	487863.09	3853377.25	0.09975	0.24633	0.10309	1.48E-03	1.74E-05	2.68E-03	0.004184	1.52E-03	1.71E-05	2.98E-03	0.004517	1.44E-03	2.17E-05	5.73E-03	7.19E-03
3919	488363.09	3853377.25	0.10467	0.25586	0.10807	1.56E-03	1.81E-05	2.81E-03	0.004388	1.59E-03	1.78E-05	3.13E-03	0.004737	1.51E-03	2.26E-05	6.01E-03	7.54E-03
3920	488863.09	3853377.25	0.10644	0.24593	0.10679	1.58E-03	1.74E-05	2.78E-03	0.00438	1.62E-03	1.71E-05	3.09E-03	0.004726	1.54E-03	2.17E-05	5.93E-03	7.49E-03
3921	489363.09	3853377.25	0.107	0.24177	0.10706	1.59E-03	1.71E-05	2.79E-03	0.004395	1.63E-03	1.68E-05	3.10E-03	0.004742	1.55E-03	2.13E-05	5.95E-03	7.52E-03
3922	489863.09	3853377.25	0.10134	0.2241	0.10441	1.51E-03	1.58E-05	2.72E-03	0.004241	1.54E-03	1.56E-05	3.02E-03	0.004578	1.46E-03	1.98E-05	5.80E-03	7.29E-03
3923	490363.09	3853377.25	0.10769	0.23565	0.11054	1.60E-03	1.66E-05	2.88E-03	0.004495	1.64E-03	1.64E-05	3.20E-03	0.004853	1.56E-03	2.08E-05	6.14E-03	7.72E-03
3924	490863.09	3853377.25	0.11069	0.23584	0.11552	1.65E-03	1.67E-05	3.01E-03	0.00467	1.68E-03	1.64E-05	3.34E-03	0.005043	1.60E-03	2.08E-05	6.42E-03	8.04E-03
3925	491363.09	3853377.25	0.11522	0.23731	0.11905	1.72E-03	1.68E-05	3.10E-03	0.004829	1.75E-03	1.65E-05	3.44E-03	0.005214	1.66E-03	2.09E-05	6.62E-03	8.30E-03
3926	491863.09	3853377.25	0.11931	0.22725	0.12278	1.78E-03	1.60E-05	3.19E-03	0.004986	1.81E-03	1.58E-05	3.55E-03	0.005383	1.72E-03	2.01E-05	6.82E-03	8.57E-03
3927	492363.09	3853377.25	0.12605	0.23764	0.13237	1.88E-03	1.68E-05	3.44E-03	0.005337	1.92E-03	1.65E-05	3.83E-03	0.005764	1.82E-03	2.10E-05	7.36E-03	9.20E-03
3928	492863.09	3853377.25	0.13377	0.23974	0.13906	1.99E-03	1.69E-05	3.62E-03	0.005626	2.03E-03	1.67E-05	4.02E-03	0.006075	1.93E-03	2.12E-05	7.73E-03	9.68E-03
3929	493363.09	3853377.25	0.13453	0.23275	0.13952	2.00E-03	1.64E-05	3.63E-03	0.005649	2.05E-03	1.62E-05	4.04E-03	0.0061	1.94E-03	2.05E-05	7.75E-03	9.72E-03
3930	493863.09	3853377.25	0.13242	0.22051	0.13734	1.97E-03	1.56E-05	3.57E-03	0.00556	2.01E-03	1.53E-05	3.97E-03	0.006004	1.91E-03	1.95E-05	7.63E-03	9.56E-03
3931	494363.09	3853377.25	0.1246	0.19679	0.12748	1.85E-03	1.39E-05	3.32E-03	0.005185	1.90E-03	1.37E-05	3.69E-03	0.005598	1.80E-03	1.74E-05	7.08E-03	8.90E-03
3932	494863.09	3853377.25	0.11476	0.17881	0.11588	1.71E-03	1.26E-05	3.01E-03	0.004736	1.75E-03	1.24E-05	3.35E-03	0.005111	1.66E-03	1.58E-05	6.44E-03	8.11E-03
3933	495363.09	3853377.25	0.10894	0.17026	0.11119	1.62E-03	1.20E-05	2.89E-03	0.004526	1.66E-03	1.18E-05	3.22E-03	0.004886	1.57E-03	1.50E-05	6.18E-03	7.77E-03
3934	495863.09	3853377.25	0.10105	0.15623	0.10433	1.50E-03	1.10E-05	2.71E-03	0.004229	1.54E-03	1.09E-05	3.02E-03	0.004567	1.46E-03	1.38E-05	5.80E-03	7.27E-03
3935	496363.09	3853377.25	0.09102	0.13701	0.09592	1.35E-03	9.67E-06	2.50E-03	0.00386	1.38E-03	9.52E-06	2.78E-03	0.004169	1.32E-03	1.21E-05	5.33E-03	6.66E-03
3936	496863.09	3853377.25	0.08007	0.11523	0.08243	1.19E-03	8.14E-06	2.14E-03	0.003344	1.22E-03	8.01E-06	2.39E-03	0.003611	1.16E-03	1.02E-05	4.58E-03	5.75E-03
3937	497363.09	3853377.25	0.06639	0.0955	0.06818	9.88E-04	6.74E-06	1.77E-03	0.002769	1.01E-03	6.64E-06	1.97E-03	0.002989	9.59E-04	8.43E-06	3.79E-03	4.76E-03
3938	497863.09	3853377.25	0.04543	0.06282	0.04735	6.76E-04	4.44E-06	1.23E-03	0.001913	6.91E-04	4.37E-06	1.37E-03	0.002065	6.56E-04	5.54E-06	2.63E-03	3.29E-03
3939	498363.09	3853377.25	0.03688	0.05116	0.03878	5.49E-04	3.61E-06	1.01E-03	0.001561	5.61E-04	3.56E-06	1.12E-03	0.001687	5.33E-04	4.51E-06	2.15E-03	2.69E-03
3940	471363.09	3853877.25	0.05805	0.08372	0.06174	8.64E-04	5.91E-06	1.61E-03	0.002476	8.83E-04	5.82E-06	1.79E-03	0.002675	8.39E-04	7.39E-06	3.43E-03	4.28E-03
3941	471863.09	3853877.25	0.06434	0.08788	0.07035	9.58E-04	6.21E-06	1.83E-03	0.002794	9.79E-04	6.11E-06	2.04E-03	0.00302	9.30E-04	7.75E-06	3.91E-03	4.85E-03
3942	472363.09	3853877.25	0.06707	0.09331	0.07266	9.98E-04	6.59E-06	1.89E-03	0.002895	1.02E-03	6.49E-06	2.10E-03	0.003129	9.69E-04	8.23E-06	4.04E-03	5.01E-03
3943	472863.09	3853877.25	0.0709	0.09667	0.07613	1.06E-03	6.83E-06	1.98E-03	0.003043	1.08E-03	6.72E-06	2.20E-03	0.003288	1.02E-03	8.53E-06	4.23E-03	5.26E-03
3944	473363.09	3853877.25	0.07286	0.10356	0.08025	1.08E-03	7.31E-06	2.09E-03	0.00318	1.11E-03	7.20E-06	2.32E-03	0.003438	1.05E-03	9.14E-06	4.46E-03	5.52E-03

3945	473863.09	3853877.25	0.07955	0.10438	0.085	1.18E-03	7.37E-06	2.21E-03	0.003403	1.21E-03	7.25E-06	2.46E-03	0.003677	1.15E-03	9.21E-06	4.72E-03	5.88E-03
3946	474363.09	3853877.25	0.09062	0.11411	0.0951	1.35E-03	8.06E-06	2.47E-03	0.003831	1.38E-03	7.93E-06	2.75E-03	0.004138	1.31E-03	1.01E-05	5.28E-03	6.60E-03
3947	474863.09	3853877.25	0.09461	0.12837	0.10101	1.41E-03	9.06E-06	2.63E-03	0.004045	1.44E-03	8.92E-06	2.92E-03	0.004371	1.37E-03	1.13E-05	5.61E-03	6.99E-03
3948	475363.09	3853877.25	0.0881	0.12512	0.09346	1.31E-03	8.83E-06	2.43E-03	0.003752	1.34E-03	8.70E-06	2.70E-03	0.004053	1.27E-03	1.10E-05	5.19E-03	6.48E-03
3949	475863.09	3853877.25	0.0738	0.10956	0.07499	1.10E-03	7.74E-06	1.95E-03	0.003057	1.12E-03	7.61E-06	2.17E-03	0.0033	1.07E-03	9.67E-06	4.17E-03	5.24E-03
3950	476363.09	3853877.25	0.05872	0.09015	0.06223	8.74E-04	6.37E-06	1.62E-03	0.002499	8.93E-04	6.27E-06	1.80E-03	0.0027	8.49E-04	7.95E-06	3.46E-03	4.31E-03
3951	476863.09	3853877.25	0.04971	0.07372	0.05257	7.40E-04	5.21E-06	1.37E-03	0.002113	7.56E-04	5.12E-06	1.52E-03	0.002282	7.18E-04	6.50E-06	2.92E-03	3.65E-03
3952	477363.09	3853877.25	0.05429	0.08381	0.05806	8.08E-04	5.92E-06	1.51E-03	0.002324	8.26E-04	5.83E-06	1.68E-03	0.002512	7.85E-04	7.39E-06	3.23E-03	4.02E-03
3953	477863.09	3853877.25	0.06171	0.09535	0.06602	9.19E-04	6.73E-06	1.72E-03	0.002643	9.39E-04	6.63E-06	1.91E-03	0.002856	8.92E-04	8.41E-06	3.67E-03	4.57E-03
3954	478363.09	3853877.25	0.06671	0.09794	0.06975	9.93E-04	6.92E-06	1.81E-03	0.002814	1.01E-03	6.81E-06	2.02E-03	0.00304	9.64E-04	8.64E-06	3.88E-03	4.85E-03
3955	478863.09	3853877.25	0.05324	0.07397	0.0579	7.92E-04	5.22E-06	1.51E-03	0.002304	8.10E-04	5.14E-06	1.68E-03	0.00249	7.69E-04	6.53E-06	3.22E-03	3.99E-03
3956	479363.09	3853877.25	0.06836	0.10583	0.07365	1.02E-03	7.47E-06	1.92E-03	0.002941	1.04E-03	7.36E-06	2.13E-03	0.003178	9.88E-04	9.34E-06	4.09E-03	5.09E-03
3957	479863.09	3853877.25	0.12299	0.20046	0.12705	1.83E-03	1.42E-05	3.31E-03	0.00515	1.87E-03	1.39E-05	3.68E-03	0.005561	1.78E-03	1.77E-05	7.06E-03	8.85E-03
3958	480363.09	3853877.25	0.2102	0.34089	0.22194	3.13E-03	2.41E-05	5.77E-03	0.008927	3.20E-03	2.37E-05	6.42E-03	0.009643	3.04E-03	3.01E-05	1.23E-02	1.54E-02
3959	480863.09	3853877.25	0.41865	0.66054	0.43302	6.23E-03	4.66E-05	1.13E-02	0.017544	6.37E-03	4.59E-05	1.25E-02	0.018944	6.05E-03	5.83E-05	2.41E-02	3.02E-02
3960	481363.09	3853877.25	0.62721	0.9383	0.6857	9.34E-03	6.63E-05	1.78E-02	0.027241	9.54E-03	6.52E-05	1.98E-02	0.029447	9.06E-03	8.28E-05	3.81E-02	4.72E-02
3961	481863.09	3853877.25	0.80551	1.53963	0.95274	1.20E-02	1.09E-04	2.48E-02	0.036885	1.23E-02	1.07E-04	2.76E-02	0.039928	1.16E-02	1.36E-04	5.29E-02	6.47E-02
3962	482363.09	3853877.25	1.10957	1.73184	1.37038	1.65E-02	1.22E-04	3.57E-02	0.05229	1.69E-02	1.20E-04	3.97E-02	0.056651	1.60E-02	1.53E-04	7.61E-02	9.23E-02
3963	482863.09	3853877.25	1.70823	2.2394	2.99495	2.54E-02	1.58E-04	7.79E-02	0.103501	2.60E-02	1.56E-04	8.67E-02	0.112802	2.47E-02	1.98E-04	1.66E-01	1.91E-01
3964	483363.09	3853877.25	0.97768	1.55239	1.04617	1.46E-02	1.10E-04	2.72E-02	0.041879	1.49E-02	1.08E-04	3.03E-02	0.045251	1.41E-02	1.37E-04	5.81E-02	7.24E-02
3965	483863.09	3853877.25	0.68363	1.20578	0.74219	1.02E-02	8.51E-05	1.93E-02	0.02957	1.04E-02	8.38E-05	2.15E-02	0.031958	9.88E-03	1.06E-04	4.12E-02	5.12E-02
3966	484363.09	3853877.25	0.41368	0.59049	0.42522	6.16E-03	4.17E-05	1.11E-02	0.017262	6.29E-03	4.10E-05	1.23E-02	0.018637	5.98E-03	5.21E-05	2.36E-02	2.97E-02
3967	484863.09	3853877.25	0.22944	0.40265	0.23968	3.42E-03	2.84E-05	6.24E-03	0.009679	3.49E-03	2.80E-05	6.94E-03	0.010453	3.32E-03	3.55E-05	1.33E-02	1.67E-02
3968	485363.09	3853877.25	0.1451	0.33133	0.15421	2.16E-03	2.34E-05	4.01E-03	0.006195	2.21E-03	2.30E-05	4.46E-03	0.006692	2.10E-03	2.92E-05	8.57E-03	1.07E-02
3969	485863.09	3853877.25	0.15788	0.39692	0.16475	2.35E-03	2.80E-05	4.29E-03	0.006664	2.40E-03	2.76E-05	4.77E-03	0.007196	2.28E-03	3.50E-05	9.15E-03	1.15E-02
3970	486363.09	3853877.25	0.1532	0.38997	0.15952	2.28E-03	2.75E-05	4.15E-03	0.006458	2.33E-03	2.71E-05	4.62E-03	0.006973	2.21E-03	3.44E-05	8.86E-03	1.11E-02
3971	486863.09	3853877.25	0.14393	0.37922	0.14833	2.14E-03	2.68E-05	3.86E-03	0.006028	2.19E-03	2.64E-05	4.29E-03	0.006508	2.08E-03	3.35E-05	8.24E-03	1.04E-02
3972	487363.09	3853877.25	0.14779	0.37893	0.15265	2.20E-03	2.68E-05	3.97E-03	0.006198	2.25E-03	2.63E-05	4.42E-03	0.006691	2.14E-03	3.34E-05	8.48E-03	1.07E-02
3973	487863.09	3853877.25	0.16939	0.41283	0.16827	2.52E-03	2.91E-05	4.38E-03	0.006928	2.58E-03	2.87E-05	4.87E-03	0.007474	2.45E-03	3.64E-05	9.35E-03	1.18E-02
3974	488363.09	3853877.25	0.17545	0.406	0.17594	2.61E-03	2.87E-05	4.58E-03	0.007217	2.67E-03	2.82E-05	5.09E-03	0.007788	2.54E-03	3.58E-05	9.78E-03	1.23E-02
3975	488863.09	3853877.25	0.18814	0.43332	0.1882	2.80E-03	3.06E-05	4.90E-03	0.007727	2.86E-03	3.01E-05	5.45E-03	0.008337	2.72E-03	3.82E-05	1.05E-02	1.32E-02
3976	489363.09	3853877.25	0.17519	0.39329	0.17437	2.61E-03	2.78E-05	4.54E-03	0.007172	2.66E-03	2.73E-05	5.05E-03	0.007738	2.53E-03	3.47E-05	9.69E-03	1.23E-02
3977	489863.09	3853877.25	0.1784	0.37863	0.17896	2.66E-03	2.67E-05	4.66E-03	0.007338	2.71E-03	2.63E-05	5.18E-03	0.007918	2.58E-03	3.34E-05	9.94E-03	1.26E-02
3978	490363.09	3853877.25	0.17264	0.34759	0.17361	2.57E-03	2.45E-05	4.52E-03	0.007111	2.63E-03	2.42E-05	5.02E-03	0.007674	2.49E-03	3.07E-05	9.65E-03	1.22E-02
3979	490863.09	3853877.25	0.17461	0.32417	0.17522	2.60E-03	2.29E-05	4.56E-03	0.00718	2.66E-03	2.25E-05	5.07E-03	0.007749	2.52E-03	2.86E-05	9.74E-03	1.23E-02
3980	491363.09	3853877.25	0.17666	0.31072	0.1765	2.63E-03	2.19E-05	4.59E-03	0.007243	2.69E-03	2.16E-05	5.11E-03	0.007816	2.55E-03	2.74E-05	9.81E-03	1.24E-02
3981	491863.09	3853877.25	0.17897	0.30034	0.17729	2.66E-03	2.12E-05	4.61E-03	0.007297	2.72E-03	2.09E-05	5.13E-03	0.007873	2.59E-03	2.65E-05	9.85E-03	1.25E-02
3982	492363.09	3853877.25	0.18654	0.30779	0.18805	2.78E-03	2.17E-05	4.89E-03	0.007691	2.84E-03	2.14E-05	5.44E-03	0.0083	2.70E-03	2.72E-05	1.04E-02	1.32E-02
3983	492863.09	3853877.25	0.18716	0.30164	0.19129	2.79E-03	2.13E-05	4.98E-03	0.007784	2.85E-03	2.10E-05	5.54E-03	0.008403	2.70E-03	2.66E-05	1.06E-02	1.34E-02
3984	493363.09	3853877.25	0.17925	0.27848	0.18442	2.67E-03	1.97E-05	4.80E-03	0.007486	2.73E-03	1.94E-05	5.34E-03	0.008082	2.59E-03	2.46E-05	1.02E-02	1.29E-02
3985	493863.09	3853877.25	0.16964	0.25931	0.17433	2.53E-03	1.83E-05	4.54E-03	0.007079	2.58E-03	1.80E-05	5.04E-03	0.007643	2.45E-03	2.29E-05	9.69E-03	1.22E-02
3986	494363.09	3853877.25	0.16149	0.25024	0.16606	2.40E-03	1.77E-05	4.32E-03	0.006742	2.46E-03	1.74E-05	4.81E-03	0.007279	2.33E-03	2.21E-05	9.23E-03	1.16E-02
3987	494863.09	3853877.25	0.1475	0.22276	0.15217	2.20E-03	1.57E-05	3.96E-03	0.00617	2.24E-03	1.55E-05	4.40E-03	0.006662	2.13E-03	1.97E-05	8.46E-03	1.06E-02
3988	495363.09	3853877.25	0.11831	0.17996	0.12233	1.76E-03	1.27E-05	3.18E-03	0.004956	1.80E-03	1.25E-05	3.54E-03	0.005352	1.71E-03	1.59E-05	6.80E-03	8.52E-03
3989	495863.09	3853877.25	0.1034	0.15403	0.10661	1.54E-03	1.09E-05	2.77E-03	0.004324	1.57E-03	1.07E-05	3.09E-03	0.004668	1.49E-03	1.36E-05	5.92E-03	7.43E-03
3990	496363.09	3853877.25	0.09398	0.13929	0.09755	1.40E-03	9.84E-06	2.54E-03	0.003947	1.43E-03	9.68E-06	2.82E-03	0.004262	1.36E-03	1.23E-05	5.42E-03	6.79E-03
3991	496863.09	3853877.25	0.07821	0.11335	0.08112	1.16E-03	8.00E-06	2.11E-03	0.003283	1.19E-03	7.88E-06	2.35E-03	0.003545	1.13E-03	1.00E-05	4.51E-03	5.65E-03

3992	497363.09	3853877.25	0.06723	0.09548	0.06986	1.00E-03	6.74E-06	1.82E-03	0.002825	1.02E-03	6.64E-06	2.02E-03	0.003051	9.71E-04	8.42E-06	3.88E-03	4.86E-03
3993	497863.09	3853877.25	0.05354	0.07447	0.05655	7.97E-04	5.26E-06	1.47E-03	0.002273	8.14E-04	5.18E-06	1.64E-03	0.002456	7.74E-04	6.57E-06	3.14E-03	3.92E-03
3994	498363.09	3853877.25	0.04595	0.06356	0.04841	6.84E-04	4.49E-06	1.26E-03	0.001948	6.99E-04	4.42E-06	1.40E-03	0.002104	6.64E-04	5.61E-06	2.69E-03	3.36E-03
3995	471363.09	3854377.25	0.05832	0.09733	0.0615	8.68E-04	6.87E-06	1.60E-03	0.002475	8.87E-04	6.76E-06	1.78E-03	0.002673	8.43E-04	8.59E-06	3.42E-03	4.27E-03
3996	471863.09	3854377.25	0.06315	0.10685	0.06803	9.40E-04	7.54E-06	1.77E-03	0.002717	9.60E-04	7.43E-06	1.97E-03	0.002936	9.13E-04	9.43E-06	3.78E-03	4.70E-03
3997	472363.09	3854377.25	0.06711	0.11371	0.07255	9.99E-04	8.03E-06	1.89E-03	0.002894	1.02E-03	7.90E-06	2.10E-03	0.003128	9.70E-04	1.00E-05	4.03E-03	5.01E-03
3998	472863.09	3854377.25	0.07031	0.11599	0.07522	1.05E-03	8.19E-06	1.96E-03	0.003012	1.07E-03	8.06E-06	2.18E-03	0.003254	1.02E-03	1.02E-05	4.18E-03	5.21E-03
3999	473363.09	3854377.25	0.07564	0.12428	0.08173	1.13E-03	8.78E-06	2.13E-03	0.003261	1.15E-03	8.64E-06	2.37E-03	0.003524	1.09E-03	1.10E-05	4.54E-03	5.65E-03
4000	473863.09	3854377.25	0.08221	0.13551	0.08955	1.22E-03	9.57E-06	2.33E-03	0.003563	1.25E-03	9.42E-06	2.59E-03	0.003851	1.19E-03	1.20E-05	4.98E-03	6.18E-03
4001	474363.09	3854377.25	0.08725	0.14241	0.09436	1.30E-03	1.01E-05	2.45E-03	0.003764	1.33E-03	9.90E-06	2.73E-03	0.004067	1.26E-03	1.26E-05	5.24E-03	6.52E-03
4002	474863.09	3854377.25	0.08481	0.13422	0.08798	1.26E-03	9.48E-06	2.29E-03	0.003561	1.29E-03	9.33E-06	2.55E-03	0.003845	1.23E-03	1.18E-05	4.89E-03	6.13E-03
4003	475363.09	3854377.25	0.06904	0.10574	0.07159	1.03E-03	7.47E-06	1.86E-03	0.002898	1.05E-03	7.35E-06	2.07E-03	0.003129	9.98E-04	9.33E-06	3.98E-03	4.98E-03
4004	475863.09	3854377.25	0.0473	0.07415	0.05066	7.04E-04	5.24E-06	1.32E-03	0.002027	7.19E-04	5.15E-06	1.47E-03	0.00219	6.83E-04	6.54E-06	2.81E-03	3.51E-03
4005	476363.09	3854377.25	0.04457	0.07133	0.04873	6.63E-04	5.04E-06	1.27E-03	0.001936	6.78E-04	4.96E-06	1.41E-03	0.002093	6.44E-04	6.29E-06	2.71E-03	3.36E-03
4006	476863.09	3854377.25	0.04512	0.07099	0.04784	6.72E-04	5.01E-06	1.24E-03	0.001921	6.86E-04	4.93E-06	1.38E-03	0.002076	6.52E-04	6.26E-06	2.66E-03	3.32E-03
4007	477363.09	3854377.25	0.04543	0.07288	0.0481	6.76E-04	5.15E-06	1.25E-03	0.001933	6.91E-04	5.07E-06	1.39E-03	0.002088	6.56E-04	6.43E-06	2.67E-03	3.34E-03
4008	477863.09	3854377.25	0.04704	0.07664	0.05156	7.00E-04	5.41E-06	1.34E-03	0.002047	7.15E-04	5.33E-06	1.49E-03	0.002213	6.80E-04	6.76E-06	2.86E-03	3.55E-03
4009	478363.09	3854377.25	0.05385	0.08545	0.05976	8.02E-04	6.03E-06	1.55E-03	0.002362	8.19E-04	5.94E-06	1.73E-03	0.002554	7.78E-04	7.54E-06	3.32E-03	4.11E-03
4010	478863.09	3854377.25	0.05963	0.09766	0.0658	8.88E-04	6.90E-06	1.71E-03	0.002606	9.07E-04	6.79E-06	1.90E-03	0.002818	8.62E-04	8.62E-06	3.66E-03	4.53E-03
4011	479363.09	3854377.25	0.09087	0.14011	0.09631	1.35E-03	9.89E-06	2.51E-03	0.003868	1.38E-03	9.74E-06	2.79E-03	0.004179	1.31E-03	1.24E-05	5.35E-03	6.68E-03
4012	479863.09	3854377.25	0.12767	0.18676	0.13099	1.90E-03	1.32E-05	3.41E-03	0.005321	1.94E-03	1.30E-05	3.79E-03	0.005745	1.84E-03	1.65E-05	7.28E-03	9.14E-03
4013	480363.09	3854377.25	0.18903	0.2718	0.18671	2.81E-03	1.92E-05	4.86E-03	0.00769	2.87E-03	1.89E-05	5.40E-03	0.008297	2.73E-03	2.40E-05	1.04E-02	1.31E-02
4014	480863.09	3854377.25	0.33964	0.51669	0.32625	5.06E-03	3.65E-05	8.49E-03	0.01358	5.17E-03	3.59E-05	9.44E-03	0.014642	4.91E-03	4.56E-05	1.81E-02	2.31E-02
4015	481363.09	3854377.25	0.54067	0.98912	0.54676	8.05E-03	6.98E-05	1.42E-02	0.022342	8.22E-03	6.87E-05	1.58E-02	0.024113	7.81E-03	8.73E-05	3.04E-02	3.83E-02
4016	481863.09	3854377.25	0.87543	1.9657	1.05282	1.30E-02	1.39E-04	2.74E-02	0.040559	1.33E-02	1.37E-04	3.05E-02	0.043917	1.27E-02	1.73E-04	5.85E-02	7.13E-02
4017	482363.09	3854377.25	1.31691	2.47237	1.63332	1.96E-02	1.75E-04	4.25E-02	0.062269	2.00E-02	1.72E-04	4.73E-02	0.067464	1.90E-02	2.18E-04	9.08E-02	1.10E-01
4018	482863.09	3854377.25	3.40306	4.1481	5.1736	5.07E-02	2.93E-04	1.35E-01	0.185543	5.18E-02	2.88E-04	1.50E-01	0.201755	4.92E-02	3.66E-04	2.87E-01	3.37E-01
4019	483363.09	3854377.25	2.13689	3.67434	2.84259	3.18E-02	2.59E-04	7.40E-02	0.106019	3.25E-02	2.55E-04	8.23E-02	0.115012	3.09E-02	3.24E-04	1.58E-01	1.89E-01
4020	483863.09	3854377.25	0.9514	1.3889	1.02513	1.42E-02	9.81E-05	2.67E-02	0.040929	1.45E-02	9.65E-05	2.97E-02	0.044231	1.37E-02	1.23E-04	5.70E-02	7.08E-02
4021	484363.09	3854377.25	0.45528	0.93021	0.5006	6.78E-03	6.57E-05	1.30E-02	0.019866	6.92E-03	6.47E-05	1.45E-02	0.021475	6.58E-03	8.21E-05	2.78E-02	3.45E-02
4022	484863.09	3854377.25	0.28482	0.82856	0.30227	4.24E-03	5.85E-05	7.86E-03	0.012162	4.33E-03	5.76E-05	8.75E-03	0.013136	4.12E-03	7.31E-05	1.68E-02	2.10E-02
4023	485363.09	3854377.25	0.33759	0.97822	0.3401	5.02E-03	6.91E-05	8.85E-03	0.013942	5.13E-03	6.80E-05	9.84E-03	0.015044	4.88E-03	8.63E-05	1.89E-02	2.39E-02
4024	485863.09	3854377.25	0.25922	0.76819	0.26037	3.86E-03	5.42E-05	6.77E-03	0.010686	3.94E-03	5.34E-05	7.53E-03	0.01153	3.75E-03	6.78E-05	1.45E-02	1.83E-02
4025	486363.09	3854377.25	0.27352	0.786	0.26714	4.07E-03	5.55E-05	6.95E-03	0.011077	4.16E-03	5.46E-05	7.73E-03	0.011945	3.95E-03	6.94E-05	1.48E-02	1.89E-02
4026	486863.09	3854377.25	0.24738	0.70492	0.24176	3.68E-03	4.98E-05	6.29E-03	0.010022	3.76E-03	4.90E-05	7.00E-03	0.010807	3.57E-03	6.22E-05	1.34E-02	1.71E-02
4027	487363.09	3854377.25	0.25748	0.67065	0.24694	3.83E-03	4.74E-05	6.42E-03	0.010304	3.92E-03	4.66E-05	7.15E-03	0.011108	3.72E-03	5.92E-05	1.37E-02	1.75E-02
4028	487863.09	3854377.25	0.29091	0.67092	0.27491	4.33E-03	4.74E-05	7.15E-03	0.01153	4.42E-03	4.66E-05	7.96E-03	0.012426	4.20E-03	5.92E-05	1.53E-02	1.95E-02
4029	488363.09	3854377.25	0.3	0.63381	0.28713	4.47E-03	4.48E-05	7.47E-03	0.01198	4.56E-03	4.41E-05	8.31E-03	0.012915	4.34E-03	5.59E-05	1.60E-02	2.03E-02
4030	488863.09	3854377.25	0.30153	0.61133	0.29302	4.49E-03	4.32E-05	7.62E-03	0.012155	4.59E-03	4.25E-05	8.48E-03	0.013108	4.36E-03	5.39E-05	1.63E-02	2.07E-02
4031	489363.09	3854377.25	0.29764	0.56708	0.2923	4.43E-03	4.00E-05	7.60E-03	0.012075	4.53E-03	3.94E-05	8.46E-03	0.013025	4.30E-03	5.00E-05	1.62E-02	2.06E-02
4032	489863.09	3854377.25	0.28915	0.50778	0.28618	4.30E-03	3.59E-05	7.45E-03	0.011785	4.40E-03	3.53E-05	8.28E-03	0.012714	4.18E-03	4.48E-05	1.59E-02	2.01E-02
4033	490363.09	3854377.25	0.27176	0.46839	0.27029	4.05E-03	3.31E-05	7.03E-03	0.01111	4.13E-03	3.26E-05	7.82E-03	0.011987	3.93E-03	4.13E-05	1.50E-02	1.90E-02
4034	490863.09	3854377.25	0.20112	0.35387	0.19904	2.99E-03	2.50E-05	5.18E-03	0.008197	3.06E-03	2.46E-05	5.76E-03	0.008843	2.91E-03	3.12E-05	1.11E-02	1.40E-02
4035	491363.09	3854377.25	0.2289	0.38832	0.23198	3.41E-03	2.74E-05	6.04E-03	0.00947	3.48E-03	2.70E-05	6.71E-03	0.010221	3.31E-03	3.43E-05	1.29E-02	1.62E-02
4036	491863.09	3854377.25	0.24833	0.42016	0.25213	3.70E-03	2.97E-05	6.56E-03	0.010285	3.78E-03	2.92E-05	7.30E-03	0.011102	3.59E-03	3.71E-05	1.40E-02	1.76E-02
4037	492363.09	3854377.25	0.24908	0.41138	0.25759	3.71E-03	2.90E-05	6.70E-03	0.010438	3.79E-03	2.86E-05	7.45E-03	0.011271	3.60E-03	3.63E-05	1.43E-02	1.79E-02
4038	492863.09	3854377.25	0.24072	0.37848	0.24809	3.58E-03	2.67E-05	6.45E-03	0.010064	3.66E-03	2.63E-05	7.18E-03	0.010866	3.48E-03	3.34E-05	1.38E-02	1.73E-02

4039	493363.09	3854377.25	0.22681	0.34667	0.23018	3.38E-03	2.45E-05	5.99E-03	0.009389	3.45E-03	2.41E-05	6.66E-03	0.010134	3.28E-03	3.06E-05	1.28E-02	1.61E-02
4040	493863.09	3854377.25	0.20978	0.30415	0.21566	3.12E-03	2.15E-05	5.61E-03	0.008755	3.19E-03	2.11E-05	6.24E-03	0.009452	3.03E-03	2.68E-05	1.20E-02	1.50E-02
4041	494363.09	3854377.25	0.19452	0.2826	0.19989	2.90E-03	2.00E-05	5.20E-03	0.008116	2.96E-03	1.96E-05	5.78E-03	0.008762	2.81E-03	2.49E-05	1.11E-02	1.39E-02
4042	494863.09	3854377.25	0.14702	0.21113	0.15001	2.19E-03	1.49E-05	3.90E-03	0.006106	2.24E-03	1.47E-05	4.34E-03	0.006592	2.12E-03	1.86E-05	8.34E-03	1.05E-02
4043	495363.09	3854377.25	0.11061	0.15575	0.11239	1.65E-03	1.10E-05	2.92E-03	0.004581	1.68E-03	1.08E-05	3.25E-03	0.004945	1.60E-03	1.37E-05	6.25E-03	7.86E-03
4044	495863.09	3854377.25	0.08992	0.12961	0.09218	1.34E-03	9.15E-06	2.40E-03	0.003746	1.37E-03	9.01E-06	2.67E-03	0.004044	1.30E-03	1.14E-05	5.12E-03	6.43E-03
4045	496363.09	3854377.25	0.08272	0.11391	0.085	1.23E-03	8.04E-06	2.21E-03	0.003451	1.26E-03	7.92E-06	2.46E-03	0.003726	1.20E-03	1.01E-05	4.72E-03	5.93E-03
4046	496863.09	3854377.25	0.07277	0.0994	0.07571	1.08E-03	7.02E-06	1.97E-03	0.00306	1.11E-03	6.91E-06	2.19E-03	0.003304	1.05E-03	8.77E-06	4.21E-03	5.27E-03
4047	497363.09	3854377.25	0.05792	0.07938	0.05974	8.62E-04	5.60E-06	1.55E-03	0.002422	8.81E-04	5.52E-06	1.73E-03	0.002615	8.37E-04	7.00E-06	3.32E-03	4.16E-03
4048	497863.09	3854377.25	0.05988	0.08034	0.06192	8.91E-04	5.67E-06	1.61E-03	0.002508	9.11E-04	5.58E-06	1.79E-03	0.002708	8.65E-04	7.09E-06	3.44E-03	4.31E-03
4049	498363.09	3854377.25	0.05222	0.07026	0.05431	7.77E-04	4.96E-06	1.41E-03	0.002195	7.94E-04	4.88E-06	1.57E-03	0.002371	7.55E-04	6.20E-06	3.02E-03	3.78E-03
4050	471363.09	3854877.25	0.06228	0.09039	0.06644	9.27E-04	6.38E-06	1.73E-03	0.002662	9.47E-04	6.28E-06	1.92E-03	0.002876	9.00E-04	7.98E-06	3.69E-03	4.60E-03
4051	471863.09	3854877.25	0.06677	0.10016	0.07082	9.94E-04	7.07E-06	1.84E-03	0.002843	1.02E-03	6.96E-06	2.05E-03	0.003072	9.65E-04	8.84E-06	3.94E-03	4.91E-03
4052	472363.09	3854877.25	0.07042	0.10814	0.07425	1.05E-03	7.64E-06	1.93E-03	0.002988	1.07E-03	7.52E-06	2.15E-03	0.003227	1.02E-03	9.54E-06	4.13E-03	5.15E-03
4053	472863.09	3854877.25	0.07307	0.10937	0.07456	1.09E-03	7.72E-06	1.94E-03	0.003035	1.11E-03	7.60E-06	2.16E-03	0.003276	1.06E-03	9.65E-06	4.14E-03	5.21E-03
4054	473363.09	3854877.25	0.0791	0.12441	0.08065	1.18E-03	8.78E-06	2.10E-03	0.003284	1.20E-03	8.65E-06	2.33E-03	0.003545	1.14E-03	1.10E-05	4.48E-03	5.64E-03
4055	473863.09	3854877.25	0.0869	0.13731	0.08841	1.29E-03	9.70E-06	2.30E-03	0.003603	1.32E-03	9.54E-06	2.56E-03	0.00389	1.26E-03	1.21E-05	4.91E-03	6.18E-03
4056	474363.09	3854877.25	0.09412	0.15014	0.09734	1.40E-03	1.06E-05	2.53E-03	0.003944	1.43E-03	1.04E-05	2.82E-03	0.004259	1.36E-03	1.32E-05	5.41E-03	6.78E-03
4057	474863.09	3854877.25	0.07333	0.12258	0.07795	1.09E-03	8.66E-06	2.03E-03	0.003128	1.12E-03	8.52E-06	2.26E-03	0.003379	1.06E-03	1.08E-05	4.33E-03	5.40E-03
4058	475363.09	3854877.25	0.05791	0.09133	0.06014	8.62E-04	6.45E-06	1.56E-03	0.002433	8.81E-04	6.35E-06	1.74E-03	0.002627	8.37E-04	8.06E-06	3.34E-03	4.19E-03
4059	475863.09	3854877.25	0.04508	0.06618	0.04619	6.71E-04	4.67E-06	1.20E-03	0.001877	6.86E-04	4.60E-06	1.34E-03	0.002027	6.51E-04	5.84E-06	2.57E-03	3.22E-03
4060	476363.09	3854877.25	0.032	0.04786	0.03502	4.76E-04	3.38E-06	9.11E-04	0.001391	4.87E-04	3.33E-06	1.01E-03	0.001503	4.62E-04	4.22E-06	1.95E-03	2.41E-03
4061	476863.09	3854877.25	0.03266	0.04824	0.03597	4.86E-04	3.41E-06	9.36E-04	0.001425	4.97E-04	3.35E-06	1.04E-03	0.001541	4.72E-04	4.26E-06	2.00E-03	2.47E-03
4062	477363.09	3854877.25	0.03837	0.05889	0.04049	5.71E-04	4.16E-06	1.05E-03	0.001629	5.84E-04	4.09E-06	1.17E-03	0.001759	5.54E-04	5.20E-06	2.25E-03	2.81E-03
4063	477863.09	3854877.25	0.04439	0.06704	0.04821	6.61E-04	4.73E-06	1.25E-03	0.00192	6.75E-04	4.66E-06	1.40E-03	0.002075	6.41E-04	5.92E-06	2.68E-03	3.33E-03
4064	478363.09	3854877.25	0.05826	0.08917	0.06134	8.67E-04	6.30E-06	1.60E-03	0.002469	8.86E-04	6.20E-06	1.78E-03	0.002667	8.42E-04	7.87E-06	3.41E-03	4.26E-03
4065	478863.09	3854877.25	0.07981	0.12666	0.08569	1.19E-03	8.94E-06	2.23E-03	0.003426	1.21E-03	8.80E-06	2.48E-03	0.003702	1.15E-03	1.12E-05	4.76E-03	5.93E-03
4066	479363.09	3854877.25	0.11799	0.1767	0.11951	1.76E-03	1.25E-05	3.11E-03	0.004878	1.79E-03	1.23E-05	3.46E-03	0.005265	1.70E-03	1.56E-05	6.64E-03	8.36E-03
4067	479863.09	3854877.25	0.17687	0.24107	0.1722	2.63E-03	1.70E-05	4.48E-03	0.00713	2.69E-03	1.68E-05	4.98E-03	0.00769	2.56E-03	2.13E-05	9.57E-03	1.21E-02
4068	480363.09	3854877.25	0.2379	0.32362	0.23822	3.54E-03	2.29E-05	6.20E-03	0.009761	3.62E-03	2.25E-05	6.89E-03	0.010534	3.44E-03	2.86E-05	1.32E-02	1.67E-02
4069	480863.09	3854877.25	0.40525	0.55181	0.41441	6.03E-03	3.90E-05	1.08E-02	0.016852	6.16E-03	3.84E-05	1.20E-02	0.018194	5.86E-03	4.87E-05	2.30E-02	2.89E-02
4070	481363.09	3854877.25	0.56248	0.82794	0.57137	8.37E-03	5.85E-05	1.49E-02	0.023296	8.55E-03	5.75E-05	1.65E-02	0.025146	8.13E-03	7.31E-05	3.17E-02	3.99E-02
4071	481863.09	3854877.25	0.59391	0.86502	0.58141	8.84E-03	6.11E-05	1.51E-02	0.024027	9.03E-03	6.01E-05	1.68E-02	0.025917	8.58E-03	7.63E-05	3.23E-02	4.10E-02
4072	482363.09	3854877.25	1.36018	2.82292	1.61981	2.02E-02	1.99E-04	4.21E-02	0.062586	2.07E-02	1.96E-04	4.69E-02	0.067756	1.97E-02	2.49E-04	9.00E-02	1.10E-01
4073	482863.09	3854877.25	2.52329	6.10741	2.98016	3.76E-02	4.31E-04	7.75E-02	0.115521	3.84E-02	4.24E-04	8.62E-02	0.125039	3.65E-02	5.39E-04	1.66E-01	2.03E-01
4074	483363.09	3854877.25	6.02725	25.60409	7.77055	8.97E-02	1.81E-03	2.02E-01	0.29368	9.17E-02	1.78E-03	2.25E-01	0.318306	8.71E-02	2.26E-03	4.32E-01	5.21E-01
4075	483863.09	3854877.25	6.12619	17.04253	4.21506	9.12E-02	1.20E-03	1.10E-01	0.202049	9.32E-02	1.18E-03	1.22E-01	0.216329	8.85E-02	1.50E-03	2.34E-01	3.24E-01
4076	484363.09	3854877.25	1.83787	5.54874	1.41647	2.74E-02	3.92E-04	3.69E-02	0.064599	2.80E-02	3.86E-04	4.10E-02	0.069326	2.66E-02	4.90E-04	7.87E-02	1.06E-01
4077	484863.09	3854877.25	1.12061	3.53534	0.93205	1.67E-02	2.50E-04	2.42E-02	0.041178	1.70E-02	2.46E-04	2.70E-02	0.04426	1.62E-02	3.12E-04	5.18E-02	6.83E-02
4078	485363.09	3854877.25	0.83503	2.44874	0.71329	1.24E-02	1.73E-04	1.86E-02	0.031159	1.27E-02	1.70E-04	2.06E-02	0.033511	1.21E-02	2.16E-04	3.96E-02	5.19E-02
4079	485863.09	3854877.25	0.63007	1.74607	0.55576	9.38E-03	1.23E-04	1.45E-02	0.02396	9.58E-03	1.21E-04	1.61E-02	0.025786	9.10E-03	1.54E-04	3.09E-02	4.01E-02
4080	486363.09	3854877.25	0.50746	1.31778	0.4604	7.55E-03	9.30E-05	1.20E-02	0.019624	7.72E-03	9.16E-05	1.33E-02	0.021132	7.33E-03	1.16E-04	2.56E-02	3.30E-02
4081	486863.09	3854877.25	0.43588	1.04097	0.40518	6.49E-03	7.35E-05	1.05E-02	0.017103	6.63E-03	7.24E-05	1.17E-02	0.018426	6.30E-03	9.18E-05	2.25E-02	2.89E-02
4082	487363.09	3854877.25	0.4396	0.95908	0.41428	6.54E-03	6.77E-05	1.08E-02	0.017389	6.69E-03	6.67E-05	1.20E-02	0.018741	6.35E-03	8.46E-05	2.30E-02	2.95E-02
4083	487863.09	3854877.25	0.44283	0.88318	0.4216	6.59E-03	6.24E-05	1.10E-02	0.017622	6.73E-03	6.14E-05	1.22E-02	0.018996	6.40E-03	7.79E-05	2.34E-02	2.99E-02
4084	488363.09	3854877.25	0.44518	0.82943	0.43666	6.63E-03	5.86E-05	1.14E-02	0.018045	6.77E-03	5.76E-05	1.26E-02	0.019464	6.43E-03	7.32E-05	2.43E-02	3.08E-02
4085	488863.09	3854877.25	0.4543	0.79524	0.45772	6.76E-03	5.62E-05	1.19E-02	0.018726	6.91E-03	5.53E-05	1.32E-02	0.02021	6.56E-03	7.02E-05	2.54E-02	3.21E-02

4086	489363.09	3854877.25	0.44091	0.72263	0.44609	6.56E-03	5.10E-05	1.16E-02	0.018219	6.71E-03	5.02E-05	1.29E-02	0.019665	6.37E-03	6.38E-05	2.48E-02	3.12E-02
4087	489863.09	3854877.25	0.38913	0.61604	0.39155	5.79E-03	4.35E-05	1.02E-02	0.016022	5.92E-03	4.28E-05	1.13E-02	0.017291	5.62E-03	5.44E-05	2.18E-02	2.74E-02
4088	490363.09	3854877.25	0.25622	0.41867	0.25434	3.81E-03	2.96E-05	6.62E-03	0.01046	3.90E-03	2.91E-05	7.36E-03	0.011286	3.70E-03	3.69E-05	1.41E-02	1.79E-02
4089	490863.09	3854877.25	0.16989	0.27684	0.16921	2.53E-03	1.95E-05	4.40E-03	0.00695	2.58E-03	1.92E-05	4.90E-03	0.0075	2.45E-03	2.44E-05	9.40E-03	1.19E-02
4090	491363.09	3854877.25	0.18439	0.29008	0.18418	2.74E-03	2.05E-05	4.79E-03	0.007557	2.80E-03	2.02E-05	5.33E-03	0.008154	2.66E-03	2.56E-05	1.02E-02	1.29E-02
4091	491863.09	3854877.25	0.31263	0.45436	0.32756	4.65E-03	3.21E-05	8.52E-03	0.013207	4.75E-03	3.16E-05	9.48E-03	0.014265	4.52E-03	4.01E-05	1.82E-02	2.28E-02
4092	492363.09	3854877.25	0.31542	0.451	0.33201	4.69E-03	3.18E-05	8.64E-03	0.013364	4.80E-03	3.13E-05	9.61E-03	0.014436	4.56E-03	3.98E-05	1.84E-02	2.30E-02
4093	492863.09	3854877.25	0.29212	0.41541	0.30612	4.35E-03	2.93E-05	7.96E-03	0.012341	4.44E-03	2.89E-05	8.86E-03	0.01333	4.22E-03	3.67E-05	1.70E-02	2.13E-02
4094	493363.09	3854877.25	0.26318	0.36847	0.27271	3.92E-03	2.60E-05	7.09E-03	0.011038	4.00E-03	2.56E-05	7.89E-03	0.01192	3.80E-03	3.25E-05	1.52E-02	1.90E-02
4095	493863.09	3854877.25	0.24285	0.33519	0.24713	3.61E-03	2.37E-05	6.43E-03	0.010068	3.69E-03	2.33E-05	7.15E-03	0.010868	3.51E-03	2.96E-05	1.37E-02	1.73E-02
4096	494363.09	3854877.25	0.1681	0.2262	0.17251	2.50E-03	1.60E-05	4.49E-03	0.007006	2.56E-03	1.57E-05	4.99E-03	0.007564	2.43E-03	2.00E-05	9.59E-03	1.20E-02
4097	494863.09	3854877.25	0.11602	0.15814	0.11791	1.73E-03	1.12E-05	3.07E-03	0.004806	1.76E-03	1.10E-05	3.41E-03	0.005188	1.68E-03	1.40E-05	6.55E-03	8.24E-03
4098	495363.09	3854877.25	0.09206	0.12158	0.09503	1.37E-03	8.58E-06	2.47E-03	0.003851	1.40E-03	8.45E-06	2.75E-03	0.004158	1.33E-03	1.07E-05	5.28E-03	6.62E-03
4099	495863.09	3854877.25	0.08036	0.10503	0.08191	1.20E-03	7.42E-06	2.13E-03	0.003335	1.22E-03	7.30E-06	2.37E-03	0.0036	1.16E-03	9.27E-06	4.55E-03	5.72E-03
4100	496363.09	3854877.25	0.06541	0.08563	0.06716	9.74E-04	6.05E-06	1.75E-03	0.002727	9.95E-04	5.95E-06	1.94E-03	0.002944	9.45E-04	7.56E-06	3.73E-03	4.68E-03
4101	496863.09	3854877.25	0.05679	0.07425	0.05889	8.45E-04	5.24E-06	1.53E-03	0.002383	8.64E-04	5.16E-06	1.70E-03	0.002573	8.21E-04	6.55E-06	3.27E-03	4.10E-03
4102	497363.09	3854877.25	0.0538	0.07059	0.05593	8.01E-04	4.98E-06	1.46E-03	0.002261	8.18E-04	4.91E-06	1.62E-03	0.002442	7.77E-04	6.23E-06	3.11E-03	3.89E-03
4103	497863.09	3854877.25	0.05879	0.0742	0.06084	8.75E-04	5.24E-06	1.58E-03	0.002463	8.94E-04	5.16E-06	1.76E-03	0.00266	8.50E-04	6.55E-06	3.38E-03	4.24E-03
4104	498363.09	3854877.25	0.05667	0.07117	0.05868	8.44E-04	5.03E-06	1.53E-03	0.002375	8.62E-04	4.95E-06	1.70E-03	0.002565	8.19E-04	6.28E-06	3.26E-03	4.09E-03
4105	471363.09	3855377.25	0.06164	0.08581	0.06818	9.18E-04	6.06E-06	1.77E-03	0.002697	9.37E-04	5.96E-06	1.97E-03	0.002916	8.91E-04	7.57E-06	3.79E-03	4.69E-03
4106	471863.09	3855377.25	0.06423	0.09	0.07053	9.56E-04	6.35E-06	1.83E-03	0.002797	9.77E-04	6.26E-06	2.04E-03	0.003024	9.28E-04	7.94E-06	3.92E-03	4.86E-03
4107	472363.09	3855377.25	0.07	0.09706	0.07521	1.04E-03	6.85E-06	1.96E-03	0.003005	1.06E-03	6.75E-06	2.18E-03	0.003248	1.01E-03	8.56E-06	4.18E-03	5.20E-03
4108	472863.09	3855377.25	0.07302	0.09441	0.07651	1.09E-03	6.67E-06	1.99E-03	0.003084	1.11E-03	6.56E-06	2.21E-03	0.003331	1.06E-03	8.33E-06	4.25E-03	5.31E-03
4109	473363.09	3855377.25	0.07962	0.10381	0.08493	1.19E-03	7.33E-06	2.21E-03	0.003402	1.21E-03	7.22E-06	2.46E-03	0.003676	1.15E-03	9.16E-06	4.72E-03	5.88E-03
4110	473863.09	3855377.25	0.08654	0.11341	0.09096	1.29E-03	8.01E-06	2.37E-03	0.003663	1.32E-03	7.88E-06	2.63E-03	0.003956	1.25E-03	1.00E-05	5.05E-03	6.31E-03
4111	474363.09	3855377.25	0.09236	0.12915	0.09661	1.37E-03	9.12E-06	2.51E-03	0.003897	1.40E-03	8.98E-06	2.80E-03	0.004209	1.33E-03	1.14E-05	5.37E-03	6.71E-03
4112	474863.09	3855377.25	0.07631	0.10663	0.08377	1.14E-03	7.53E-06	2.18E-03	0.003323	1.16E-03	7.41E-06	2.42E-03	0.003592	1.10E-03	9.41E-06	4.65E-03	5.77E-03
4113	475363.09	3855377.25	0.04006	0.05487	0.04291	5.96E-04	3.87E-06	1.12E-03	0.001717	6.09E-04	3.81E-06	1.24E-03	0.001855	5.79E-04	4.84E-06	2.38E-03	2.97E-03
4114	475863.09	3855377.25	0.03176	0.04358	0.03502	4.73E-04	3.08E-06	9.11E-04	0.001387	4.83E-04	3.03E-06	1.01E-03	0.001499	4.59E-04	3.85E-06	1.95E-03	2.41E-03
4115	476363.09	3855377.25	0.03788	0.05256	0.04	5.64E-04	3.71E-06	1.04E-03	0.001608	5.76E-04	3.65E-06	1.16E-03	0.001737	5.47E-04	4.64E-06	2.22E-03	2.77E-03
4116	476863.09	3855377.25	0.03806	0.05197	0.04024	5.67E-04	3.67E-06	1.05E-03	0.001617	5.79E-04	3.61E-06	1.16E-03	0.001747	5.50E-04	4.59E-06	2.24E-03	2.79E-03
4117	477363.09	3855377.25	0.04318	0.05659	0.0448	6.43E-04	4.00E-06	1.17E-03	0.001812	6.57E-04	3.93E-06	1.30E-03	0.001957	6.24E-04	4.99E-06	2.49E-03	3.12E-03
4118	477863.09	3855377.25	0.05345	0.07008	0.05445	7.96E-04	4.95E-06	1.42E-03	0.002217	8.13E-04	4.87E-06	1.58E-03	0.002393	7.72E-04	6.18E-06	3.03E-03	3.80E-03
4119	478363.09	3855377.25	0.06586	0.09031	0.06837	9.80E-04	6.38E-06	1.78E-03	0.002765	1.00E-03	6.28E-06	1.98E-03	0.002986	9.52E-04	7.97E-06	3.80E-03	4.76E-03
4120	478863.09	3855377.25	0.08209	0.11002	0.08584	1.22E-03	7.77E-06	2.23E-03	0.003463	1.25E-03	7.65E-06	2.48E-03	0.00374	1.19E-03	9.71E-06	4.77E-03	5.97E-03
4121	479363.09	3855377.25	0.10879	0.14742	0.11542	1.62E-03	1.04E-05	3.00E-03	0.004632	1.65E-03	1.02E-05	3.34E-03	0.005005	1.57E-03	1.30E-05	6.41E-03	8.00E-03
4122	479863.09	3855377.25	0.14186	0.2036	0.14658	2.11E-03	1.44E-05	3.81E-03	0.005939	2.16E-03	1.42E-05	4.24E-03	0.006413	2.05E-03	1.80E-05	8.14E-03	1.02E-02
4123	480363.09	3855377.25	0.23159	0.31864	0.24305	3.45E-03	2.25E-05	6.32E-03	0.009793	3.52E-03	2.21E-05	7.03E-03	0.010578	3.35E-03	2.81E-05	1.35E-02	1.69E-02
4124	480863.09	3855377.25	0.4039	0.58787	0.42293	6.01E-03	4.15E-05	1.10E-02	0.017056	6.14E-03	4.09E-05	1.22E-02	0.018422	5.84E-03	5.19E-05	2.35E-02	2.94E-02
4125	481363.09	3855377.25	0.64664	1.1486	0.70344	9.63E-03	8.11E-05	1.83E-02	0.028007	9.83E-03	7.98E-05	2.04E-02	0.03027	9.34E-03	1.01E-04	3.91E-02	4.85E-02
4126	481863.09	3855377.25	0.93076	1.81147	1.06548	1.39E-02	1.28E-04	2.77E-02	0.041701	1.42E-02	1.26E-04	3.08E-02	0.045114	1.34E-02	1.60E-04	5.92E-02	7.28E-02
4127	482363.09	3855377.25	1.2104	2.71327	1.37275	1.80E-02	1.92E-04	3.57E-02	0.053921	1.84E-02	1.89E-04	3.97E-02	0.058321	1.75E-02	2.39E-04	7.63E-02	9.40E-02
4128	482863.09	3855377.25	1.76991	4.59624	1.91185	2.63E-02	3.25E-04	4.97E-02	0.076408	2.69E-02	3.19E-04	5.53E-02	0.082561	2.56E-02	4.06E-04	1.06E-01	1.32E-01
4129	483363.09	3855377.25	2.7982	7.43779	2.88328	4.17E-02	5.25E-04	7.50E-02	0.117187	4.26E-02	5.17E-04	8.34E-02	0.126509	4.04E-02	6.56E-04	1.60E-01	2.01E-01
4130	483863.09	3855377.25	6.35654	12.29656	6.80215	9.46E-02	8.68E-04	1.77E-01	0.272448	9.67E-02	8.55E-04	1.97E-01	0.294366	9.19E-02	1.08E-03	3.78E-01	4.71E-01
4131	484363.09	3855377.25	7.69969	7.45936	5.86485	1.15E-01	5.27E-04	1.53E-01	0.267714	1.17E-01	5.18E-04	1.70E-01	0.287334	1.11E-01	6.58E-04	3.26E-01	4.38E-01
4132	484863.09	3855377.25	3.53589	4.74762	2.881	5.26E-02	3.35E-04	7.50E-02	0.127918	5.38E-02	3.30E-04	8.34E-02	0.137475	5.11E-02	4.19E-04	1.60E-01	2.12E-01

4133	485363.09	3855377.25	1.96391	3.07772	1.65814	2.92E-02	2.17E-04	4.31E-02	0.072588	2.99E-02	2.14E-04	4.80E-02	0.078065	2.84E-02	2.72E-04	9.21E-02	1.21E-01
4134	485863.09	3855377.25	1.37444	2.157	1.20606	2.05E-02	1.52E-04	3.14E-02	0.051987	2.09E-02	1.50E-04	3.49E-02	0.055954	1.99E-02	1.90E-04	6.70E-02	8.71E-02
4135	486363.09	3855377.25	0.95444	1.54616	0.84922	1.42E-02	1.09E-04	2.21E-02	0.036409	1.45E-02	1.07E-04	2.46E-02	0.039197	1.38E-02	1.36E-04	4.72E-02	6.11E-02
4136	486863.09	3855377.25	0.73236	1.13539	0.65506	1.09E-02	8.02E-05	1.70E-02	0.028023	1.11E-02	7.89E-05	1.90E-02	0.030173	1.06E-02	1.00E-04	3.64E-02	4.71E-02
4137	487363.09	3855377.25	0.70234	1.05179	0.67075	1.05E-02	7.43E-05	1.75E-02	0.027979	1.07E-02	7.31E-05	1.94E-02	0.030165	1.01E-02	9.28E-05	3.73E-02	4.75E-02
4138	487863.09	3855377.25	0.68162	0.9999	0.67106	1.01E-02	7.06E-05	1.75E-02	0.027675	1.04E-02	6.95E-05	1.94E-02	0.029855	9.85E-03	8.82E-05	3.73E-02	4.72E-02
4139	488363.09	3855377.25	0.67079	0.91898	0.67228	9.98E-03	6.49E-05	1.75E-02	0.027539	1.02E-02	6.39E-05	1.95E-02	0.02972	9.69E-03	8.11E-05	3.74E-02	4.71E-02
4140	488863.09	3855377.25	0.64345	0.87264	0.66161	9.58E-03	6.16E-05	1.72E-02	0.026852	9.79E-03	6.07E-05	1.91E-02	0.028992	9.30E-03	7.70E-05	3.68E-02	4.61E-02
4141	489363.09	3855377.25	0.60098	0.80812	0.62533	8.95E-03	5.71E-05	1.63E-02	0.025271	9.14E-03	5.62E-05	1.81E-02	0.027292	8.68E-03	7.13E-05	3.47E-02	4.35E-02
4142	489863.09	3855377.25	0.53825	0.74225	0.56032	8.01E-03	5.24E-05	1.46E-02	0.022641	8.19E-03	5.16E-05	1.62E-02	0.024452	7.78E-03	6.55E-05	3.11E-02	3.90E-02
4143	490363.09	3855377.25	0.52025	0.69645	0.54911	7.74E-03	4.92E-05	1.43E-02	0.022079	7.91E-03	4.84E-05	1.59E-02	0.023851	7.52E-03	6.14E-05	3.05E-02	3.81E-02
4144	490863.09	3855377.25	0.26835	0.37288	0.26953	3.99E-03	2.63E-05	7.01E-03	0.011033	4.08E-03	2.59E-05	7.80E-03	0.011907	3.88E-03	3.29E-05	1.50E-02	1.89E-02
4145	491363.09	3855377.25	0.21927	0.30025	0.222	3.26E-03	2.12E-05	5.78E-03	0.009061	3.33E-03	2.09E-05	6.42E-03	0.00978	3.17E-03	2.65E-05	1.23E-02	1.55E-02
4146	491863.09	3855377.25	0.392	0.49739	0.41143	5.83E-03	3.51E-05	1.07E-02	0.016574	5.96E-03	3.46E-05	1.19E-02	0.017902	5.66E-03	4.39E-05	2.29E-02	2.86E-02
4147	492363.09	3855377.25	0.38252	0.49587	0.40348	5.69E-03	3.50E-05	1.05E-02	0.016226	5.82E-03	3.45E-05	1.17E-02	0.017528	5.53E-03	4.38E-05	2.24E-02	2.80E-02
4148	492863.09	3855377.25	0.34596	0.44778	0.36569	5.15E-03	3.16E-05	9.51E-03	0.014695	5.26E-03	3.11E-05	1.06E-02	0.015875	5.00E-03	3.95E-05	2.03E-02	2.54E-02
4149	493363.09	3855377.25	0.28729	0.35977	0.29926	4.28E-03	2.54E-05	7.79E-03	0.012087	4.37E-03	2.50E-05	8.66E-03	0.013054	4.15E-03	3.17E-05	1.66E-02	2.08E-02
4150	493863.09	3855377.25	0.19947	0.25543	0.20367	2.97E-03	1.80E-05	5.30E-03	0.008286	3.03E-03	1.78E-05	5.89E-03	0.008945	2.88E-03	2.25E-05	1.13E-02	1.42E-02
4151	494363.09	3855377.25	0.13726	0.17185	0.13907	2.04E-03	1.21E-05	3.62E-03	0.005673	2.09E-03	1.19E-05	4.02E-03	0.006124	1.98E-03	1.52E-05	7.73E-03	9.73E-03
4152	494863.09	3855377.25	0.09908	0.12077	0.10159	1.47E-03	8.53E-06	2.64E-03	0.004126	1.51E-03	8.39E-06	2.94E-03	0.004455	1.43E-03	1.07E-05	5.64E-03	7.09E-03
4153	495363.09	3855377.25	0.07805	0.09188	0.07967	1.16E-03	6.49E-06	2.07E-03	0.003241	1.19E-03	6.39E-06	2.31E-03	0.003499	1.13E-03	8.11E-06	4.43E-03	5.56E-03
4154	495863.09	3855377.25	0.06497	0.07575	0.06731	9.67E-04	5.35E-06	1.75E-03	0.002724	9.88E-04	5.26E-06	1.95E-03	0.002941	9.39E-04	6.68E-06	3.74E-03	4.69E-03
4155	496363.09	3855377.25	0.06135	0.07287	0.06351	9.13E-04	5.15E-06	1.65E-03	0.002571	9.33E-04	5.06E-06	1.84E-03	0.002776	8.87E-04	6.43E-06	3.53E-03	4.42E-03
4156	496863.09	3855377.25	0.05938	0.0717	0.06088	8.84E-04	5.06E-06	1.58E-03	0.002473	9.03E-04	4.98E-06	1.76E-03	0.00267	8.58E-04	6.33E-06	3.38E-03	4.25E-03
4157	497363.09	3855377.25	0.05908	0.071	0.06056	8.79E-04	5.01E-06	1.58E-03	0.00246	8.99E-04	4.93E-06	1.75E-03	0.002656	8.54E-04	6.26E-06	3.37E-03	4.23E-03
4158	497863.09	3855377.25	0.06173	0.07256	0.06427	9.19E-04	5.12E-06	1.67E-03	0.002596	9.39E-04	5.04E-06	1.86E-03	0.002804	8.92E-04	6.40E-06	3.57E-03	4.47E-03
4159	498363.09	3855377.25	0.06417	0.07722	0.06664	9.55E-04	5.45E-06	1.73E-03	0.002694	9.76E-04	5.37E-06	1.93E-03	0.00291	9.27E-04	6.81E-06	3.70E-03	4.64E-03
4160	471363.09	3855877.25	0.06644	0.10465	0.07031	9.89E-04	7.39E-06	1.83E-03	0.002826	1.01E-03	7.27E-06	2.03E-03	0.003052	9.60E-04	9.23E-06	3.91E-03	4.88E-03
4161	471863.09	3855877.25	0.06939	0.10888	0.07278	1.03E-03	7.69E-06	1.89E-03	0.002934	1.06E-03	7.57E-06	2.11E-03	0.003169	1.00E-03	9.61E-06	4.04E-03	5.06E-03
4162	472363.09	3855877.25	0.07672	0.1222	0.08262	1.14E-03	8.63E-06	2.15E-03	0.0033	1.17E-03	8.49E-06	2.39E-03	0.003566	1.11E-03	1.08E-05	4.59E-03	5.71E-03
4163	472863.09	3855877.25	0.0777	0.12639	0.08236	1.16E-03	8.92E-06	2.14E-03	0.003308	1.18E-03	8.78E-06	2.38E-03	0.003574	1.12E-03	1.12E-05	4.58E-03	5.71E-03
4164	473363.09	3855877.25	0.08717	0.1436	0.09313	1.30E-03	1.01E-05	2.42E-03	0.003731	1.33E-03	9.98E-06	2.69E-03	0.004031	1.26E-03	1.27E-05	5.17E-03	6.45E-03
4165	473863.09	3855877.25	0.0943	0.15053	0.09971	1.40E-03	1.06E-05	2.59E-03	0.004008	1.43E-03	1.05E-05	2.89E-03	0.00433	1.36E-03	1.33E-05	5.54E-03	6.92E-03
4166	474363.09	3855877.25	0.09836	0.15817	0.103	1.46E-03	1.12E-05	2.68E-03	0.004155	1.50E-03	1.10E-05	2.98E-03	0.004487	1.42E-03	1.40E-05	5.72E-03	7.16E-03
4167	474863.09	3855877.25	0.07777	0.11037	0.07894	1.16E-03	7.79E-06	2.05E-03	0.003219	1.18E-03	7.67E-06	2.28E-03	0.003475	1.12E-03	9.74E-06	4.39E-03	5.52E-03
4168	475363.09	3855877.25	0.04852	0.06134	0.05148	7.22E-04	4.33E-06	1.34E-03	0.002066	7.38E-04	4.26E-06	1.49E-03	0.002232	7.01E-04	5.41E-06	2.86E-03	3.57E-03
4169	475863.09	3855877.25	0.02477	0.02992	0.02658	3.69E-04	2.11E-06	6.92E-04	0.001062	3.77E-04	2.08E-06	7.69E-04	0.001148	3.58E-04	2.64E-06	1.48E-03	1.84E-03
4170	476363.09	3855877.25	0.02667	0.03255	0.0285	3.97E-04	2.30E-06	7.41E-04	0.001141	4.06E-04	2.26E-06	8.25E-04	0.001233	3.85E-04	2.87E-06	1.58E-03	1.97E-03
4171	476863.09	3855877.25	0.03657	0.047	0.03985	5.44E-04	3.32E-06	1.04E-03	0.001584	5.56E-04	3.27E-06	1.15E-03	0.001713	5.28E-04	4.15E-06	2.21E-03	2.75E-03
4172	477363.09	3855877.25	0.04383	0.06056	0.04673	6.52E-04	4.28E-06	1.22E-03	0.001872	6.67E-04	4.21E-06	1.35E-03	0.002023	6.33E-04	5.34E-06	2.60E-03	3.24E-03
4173	477863.09	3855877.25	0.05551	0.07684	0.05934	8.26E-04	5.43E-06	1.54E-03	0.002375	8.44E-04	5.34E-06	1.72E-03	0.002567	8.02E-04	6.78E-06	3.30E-03	4.11E-03
4174	478363.09	3855877.25	0.06841	0.09243	0.0729	1.02E-03	6.53E-06	1.90E-03	0.002921	1.04E-03	6.42E-06	2.11E-03	0.003156	9.89E-04	8.16E-06	4.05E-03	5.05E-03
4175	478863.09	3855877.25	0.08867	0.12192	0.09414	1.32E-03	8.61E-06	2.45E-03	0.003778	1.35E-03	8.47E-06	2.72E-03	0.004081	1.28E-03	1.08E-05	5.23E-03	6.52E-03
4176	479363.09	3855877.25	0.11714	0.17275	0.12358	1.74E-03	1.22E-05	3.22E-03	0.004971	1.78E-03	1.20E-05	3.58E-03	0.00537	1.69E-03	1.52E-05	6.87E-03	8.57E-03
4177	479863.09	3855877.25	0.16249	0.23955	0.17391	2.42E-03	1.69E-05	4.52E-03	0.00696	2.47E-03	1.66E-05	5.03E-03	0.00752	2.35E-03	2.11E-05	9.66E-03	1.20E-02
4178	480363.09	3855877.25	0.26143	0.33965	0.26713	3.89E-03	2.40E-05	6.95E-03	0.010865	3.98E-03	2.36E-05	7.73E-03	0.01173	3.78E-03	3.00E-05	1.48E-02	1.87E-02
4179	480863.09	3855877.25	0.41554	0.58041	0.43047	6.19E-03	4.10E-05	1.12E-02	0.017425	6.32E-03	4.03E-05	1.25E-02	0.018817	6.00E-03	5.12E-05	2.39E-02	3.00E-02

4180	481363.09	3855877.25	0.46099	0.68539	0.47123	6.86E-03	4.84E-05	1.23E-02	0.01917	7.01E-03	4.76E-05	1.36E-02	0.020695	6.66E-03	6.05E-05	2.62E-02	3.29E-02
4181	481863.09	3855877.25	0.89258	1.70935	0.95979	1.33E-02	1.21E-04	2.50E-02	0.038376	1.36E-02	1.19E-04	2.78E-02	0.041468	1.29E-02	1.51E-04	5.33E-02	6.64E-02
4182	482363.09	3855877.25	1.08663	2.22663	1.19013	1.62E-02	1.57E-04	3.10E-02	0.047294	1.65E-02	1.55E-04	3.44E-02	0.05112	1.57E-02	1.96E-04	6.61E-02	8.20E-02
4183	482863.09	3855877.25	1.4148	2.69189	1.45582	2.11E-02	1.90E-04	3.79E-02	0.059124	2.15E-02	1.87E-04	4.21E-02	0.063832	2.04E-02	2.38E-04	8.09E-02	1.02E-01
4184	483363.09	3855877.25	1.89516	3.04436	1.90085	2.82E-02	2.15E-04	4.95E-02	0.077876	2.88E-02	2.12E-04	5.50E-02	0.08404	2.74E-02	2.69E-04	1.06E-01	1.33E-01
4185	483863.09	3855877.25	2.74636	3.0171	2.69577	4.09E-02	2.13E-04	7.01E-02	0.111225	4.18E-02	2.10E-04	7.80E-02	0.119987	3.97E-02	2.66E-04	1.50E-01	1.90E-01
4186	484363.09	3855877.25	6.01488	3.50884	5.7697	8.95E-02	2.48E-04	1.50E-01	0.239882	9.15E-02	2.44E-04	1.67E-01	0.258682	8.69E-02	3.10E-04	3.21E-01	4.08E-01
4187	484863.09	3855877.25	8.89772	3.07308	9.50121	1.32E-01	2.17E-04	2.47E-01	0.37984	1.35E-01	2.14E-04	2.75E-01	0.410477	1.29E-01	2.71E-04	5.28E-01	6.57E-01
4188	485363.09	3855877.25	4.25099	2.64831	4.28743	6.33E-02	1.87E-04	1.12E-01	0.175003	6.47E-02	1.84E-04	1.24E-01	0.188903	6.14E-02	2.34E-04	2.38E-01	3.00E-01
4189	485863.09	3855877.25	2.28983	1.98348	2.27501	3.41E-02	1.40E-04	5.92E-02	0.09341	3.48E-02	1.38E-04	6.58E-02	0.100796	3.31E-02	1.75E-04	1.26E-01	1.60E-01
4190	486363.09	3855877.25	1.45428	1.4136	1.42587	2.16E-02	9.98E-05	3.71E-02	0.058842	2.21E-02	9.82E-05	4.13E-02	0.063477	2.10E-02	1.25E-04	7.92E-02	1.00E-01
4191	486863.09	3855877.25	1.1087	1.10065	1.08811	1.65E-02	7.77E-05	2.83E-02	0.044889	1.69E-02	7.65E-05	3.15E-02	0.048425	1.60E-02	9.71E-05	6.05E-02	7.66E-02
4192	487363.09	3855877.25	1.04652	1.13991	1.05225	1.56E-02	8.05E-05	2.74E-02	0.043033	1.59E-02	7.92E-05	3.04E-02	0.046445	1.51E-02	1.01E-04	5.85E-02	7.37E-02
4193	487863.09	3855877.25	0.99068	1.08517	1.03377	1.47E-02	7.66E-05	2.69E-02	0.041717	1.51E-02	7.54E-05	2.99E-02	0.045057	1.43E-02	9.57E-05	5.74E-02	7.19E-02
4194	488363.09	3855877.25	0.91558	1.02743	0.97471	1.36E-02	7.25E-05	2.54E-02	0.039059	1.39E-02	7.14E-05	2.82E-02	0.042202	1.32E-02	9.07E-05	5.42E-02	6.75E-02
4195	488863.09	3855877.25	0.84931	1.01983	0.90834	1.26E-02	7.20E-05	2.36E-02	0.036345	1.29E-02	7.09E-05	2.63E-02	0.039273	1.23E-02	9.00E-05	5.05E-02	6.28E-02
4196	489363.09	3855877.25	0.7815	0.94921	0.8398	1.16E-02	6.70E-05	2.18E-02	0.033548	1.19E-02	6.60E-05	2.43E-02	0.036253	1.13E-02	8.38E-05	4.67E-02	5.80E-02
4197	489863.09	3855877.25	0.71445	0.86071	0.77094	1.06E-02	6.08E-05	2.01E-02	0.030752	1.09E-02	5.98E-05	2.23E-02	0.033235	1.03E-02	7.59E-05	4.28E-02	5.32E-02
4198	490363.09	3855877.25	0.65886	0.77699	0.71157	9.81E-03	5.49E-05	1.85E-02	0.028374	1.00E-02	5.40E-05	2.06E-02	0.030665	9.52E-03	6.86E-05	3.95E-02	4.91E-02
4199	490863.09	3855877.25	0.57989	0.70168	0.62546	8.63E-03	4.95E-05	1.63E-02	0.024953	8.82E-03	4.88E-05	1.81E-02	0.026967	8.38E-03	6.19E-05	3.48E-02	4.32E-02
4200	491363.09	3855877.25	0.45261	0.54409	0.4772	6.74E-03	3.84E-05	1.24E-02	0.01919	6.88E-03	3.78E-05	1.38E-02	0.02073	6.54E-03	4.80E-05	2.65E-02	3.31E-02
4201	491863.09	3855877.25	0.48894	0.6174	0.5244	7.28E-03	4.36E-05	1.36E-02	0.020964	7.44E-03	4.29E-05	1.52E-02	0.022654	7.07E-03	5.45E-05	2.91E-02	3.63E-02
4202	492363.09	3855877.25	0.4276	0.53617	0.45707	6.36E-03	3.79E-05	1.19E-02	0.018294	6.50E-03	3.73E-05	1.32E-02	0.019767	6.18E-03	4.73E-05	2.54E-02	3.16E-02
4203	492863.09	3855877.25	0.38445	0.4622	0.40927	5.72E-03	3.26E-05	1.06E-02	0.016403	5.85E-03	3.21E-05	1.18E-02	0.017722	5.56E-03	4.08E-05	2.27E-02	2.83E-02
4204	493363.09	3855877.25	0.26436	0.31192	0.27413	3.93E-03	2.20E-05	7.13E-03	0.011089	4.02E-03	2.17E-05	7.93E-03	0.011975	3.82E-03	2.75E-05	1.52E-02	1.91E-02
4205	493863.09	3855877.25	0.16885	0.19925	0.1723	2.51E-03	1.41E-05	4.48E-03	0.00701	2.57E-03	1.38E-05	4.99E-03	0.007568	2.44E-03	1.76E-05	9.57E-03	1.20E-02
4206	494363.09	3855877.25	0.11511	0.13676	0.11773	1.71E-03	9.66E-06	3.06E-03	0.004786	1.75E-03	9.51E-06	3.41E-03	0.005167	1.66E-03	1.21E-05	6.54E-03	8.22E-03
4207	494863.09	3855877.25	0.08835	0.10505	0.09006	1.32E-03	7.42E-06	2.34E-03	0.003665	1.34E-03	7.30E-06	2.61E-03	0.003957	1.28E-03	9.27E-06	5.00E-03	6.29E-03
4208	495363.09	3855877.25	0.06476	0.07523	0.06702	9.64E-04	5.31E-06	1.74E-03	0.002713	9.85E-04	5.23E-06	1.94E-03	0.00293	9.36E-04	6.64E-06	3.72E-03	4.67E-03
4209	495863.09	3855877.25	0.06192	0.07207	0.06399	9.22E-04	5.09E-06	1.66E-03	0.002592	9.42E-04	5.01E-06	1.85E-03	0.002798	8.95E-04	6.36E-06	3.56E-03	4.46E-03
4210	496363.09	3855877.25	0.06044	0.07099	0.0626	9.00E-04	5.01E-06	1.63E-03	0.002533	9.19E-04	4.93E-06	1.81E-03	0.002736	8.73E-04	6.26E-06	3.48E-03	4.36E-03
4211	496863.09	3855877.25	0.06203	0.0717	0.06437	9.23E-04	5.06E-06	1.67E-03	0.002603	9.43E-04	4.98E-06	1.86E-03	0.002811	8.96E-04	6.33E-06	3.58E-03	4.48E-03
4212	497363.09	3855877.25	0.06392	0.07361	0.06607	9.51E-04	5.20E-06	1.72E-03	0.002676	9.72E-04	5.12E-06	1.91E-03	0.002889	9.24E-04	6.49E-06	3.67E-03	4.60E-03
4213	497863.09	3855877.25	0.06661	0.07676	0.06875	9.91E-04	5.42E-06	1.79E-03	0.002785	1.01E-03	5.34E-06	1.99E-03	0.003008	9.63E-04	6.77E-06	3.82E-03	4.79E-03
4214	498363.09	3855877.25	0.07411	0.08638	0.07643	1.10E-03	6.10E-06	1.99E-03	0.003098	1.13E-03	6.00E-06	2.21E-03	0.003345	1.07E-03	7.62E-06	4.25E-03	5.33E-03
4215	471363.09	3856377.25	0.06685	0.11175	0.07064	9.95E-04	7.89E-06	1.84E-03	0.002841	1.02E-03	7.77E-06	2.04E-03	0.003069	9.66E-04	9.86E-06	3.93E-03	4.90E-03
4216	471863.09	3856377.25	0.06861	0.1169	0.0726	1.02E-03	8.25E-06	1.89E-03	0.002918	1.04E-03	8.12E-06	2.10E-03	0.003152	9.91E-04	1.03E-05	4.03E-03	5.04E-03
4217	472363.09	3856377.25	0.07289	0.1239	0.07712	1.08E-03	8.75E-06	2.01E-03	0.0031	1.11E-03	8.61E-06	2.23E-03	0.003349	1.05E-03	1.09E-05	4.29E-03	5.35E-03
4218	472863.09	3856377.25	0.07891	0.13449	0.08394	1.17E-03	9.50E-06	2.18E-03	0.003368	1.20E-03	9.35E-06	2.43E-03	0.003638	1.14E-03	1.19E-05	4.66E-03	5.82E-03
4219	473363.09	3856377.25	0.08351	0.14296	0.09073	1.24E-03	1.01E-05	2.36E-03	0.003614	1.27E-03	9.94E-06	2.63E-03	0.003906	1.21E-03	1.26E-05	5.04E-03	6.26E-03
4220	473863.09	3856377.25	0.09439	0.16855	0.10329	1.40E-03	1.19E-05	2.69E-03	0.004104	1.44E-03	1.17E-05	2.99E-03	0.004436	1.36E-03	1.49E-05	5.74E-03	7.12E-03
4221	474363.09	3856377.25	0.09106	0.16051	0.1015	1.36E-03	1.13E-05	2.64E-03	0.004007	1.38E-03	1.12E-05	2.94E-03	0.004333	1.32E-03	1.42E-05	5.64E-03	6.97E-03
4222	474863.09	3856377.25	0.08503	0.13682	0.09203	1.27E-03	9.66E-06	2.39E-03	0.00367	1.29E-03	9.51E-06	2.66E-03	0.003966	1.23E-03	1.21E-05	5.11E-03	6.35E-03
4223	475363.09	3856377.25	0.06513	0.08931	0.07105	9.69E-04	6.31E-06	1.85E-03	0.002824	9.91E-04	6.21E-06	2.06E-03	0.003053	9.41E-04	7.88E-06	3.95E-03	4.90E-03
4224	475863.09	3856377.25	0.04695	0.06247	0.0505	6.99E-04	4.41E-06	1.31E-03	0.002017	7.14E-04	4.34E-06	1.46E-03	0.00218	6.78E-04	5.51E-06	2.81E-03	3.49E-03
4225	476363.09	3856377.25	0.04476	0.05879	0.04882	6.66E-04	4.15E-06	1.27E-03	0.00194	6.81E-04	4.09E-06	1.41E-03	0.002098	6.47E-04	5.19E-06	2.71E-03	3.36E-03
4226	476863.09	3856377.25	0.04654	0.06114	0.05016	6.93E-04	4.32E-06	1.30E-03	0.002002	7.08E-04	4.25E-06	1.45E-03	0.002164	6.73E-04	5.39E-06	2.79E-03	3.47E-03

4227	477363.09	3856377.25	0.05057	0.07121	0.05382	7.53E-04	5.03E-06	1.40E-03	0.002158	7.69E-04	4.95E-06	1.56E-03	0.002331	7.31E-04	6.28E-06	2.99E-03	3.73E-03
4228	477863.09	3856377.25	0.04253	0.05785	0.04556	6.33E-04	4.08E-06	1.19E-03	0.001822	6.47E-04	4.02E-06	1.32E-03	0.001969	6.15E-04	5.10E-06	2.53E-03	3.15E-03
4229	478363.09	3856377.25	0.03941	0.05168	0.04218	5.87E-04	3.65E-06	1.10E-03	0.001688	5.99E-04	3.59E-06	1.22E-03	0.001824	5.69E-04	4.56E-06	2.34E-03	2.92E-03
4230	478863.09	3856377.25	0.07206	0.08996	0.07896	1.07E-03	6.35E-06	2.05E-03	0.003133	1.10E-03	6.25E-06	2.28E-03	0.003387	1.04E-03	7.94E-06	4.39E-03	5.44E-03
4231	479363.09	3856377.25	0.09626	0.12349	0.10225	1.43E-03	8.72E-06	2.66E-03	0.004102	1.46E-03	8.58E-06	2.96E-03	0.004431	1.39E-03	1.09E-05	5.68E-03	7.08E-03
4232	479863.09	3856377.25	0.16483	0.20819	0.17256	2.45E-03	1.47E-05	4.49E-03	0.006957	2.51E-03	1.45E-05	4.99E-03	0.007515	2.38E-03	1.84E-05	9.59E-03	1.20E-02
4233	480363.09	3856377.25	0.28837	0.42585	0.29749	4.29E-03	3.01E-05	7.74E-03	0.012062	4.39E-03	2.96E-05	8.61E-03	0.013024	4.17E-03	3.76E-05	1.65E-02	2.07E-02
4234	480863.09	3856377.25	0.43998	0.61709	0.45675	6.55E-03	4.36E-05	1.19E-02	0.018475	6.69E-03	4.29E-05	1.32E-02	0.019952	6.36E-03	5.44E-05	2.54E-02	3.18E-02
4235	481363.09	3856377.25	0.61017	1.00535	0.66183	9.08E-03	7.10E-05	1.72E-02	0.026371	9.28E-03	6.99E-05	1.92E-02	0.028501	8.82E-03	8.87E-05	3.68E-02	4.57E-02
4236	481863.09	3856377.25	0.81551	1.37329	0.88151	1.21E-02	9.70E-05	2.29E-02	0.035169	1.24E-02	9.54E-05	2.55E-02	0.038007	1.18E-02	1.21E-04	4.90E-02	6.09E-02
4237	482363.09	3856377.25	0.94868	1.36517	1.00714	1.41E-02	9.64E-05	2.62E-02	0.040419	1.44E-02	9.49E-05	2.91E-02	0.043667	1.37E-02	1.20E-04	5.60E-02	6.98E-02
4238	482863.09	3856377.25	1.14089	1.78287	1.18635	1.70E-02	1.26E-04	3.09E-02	0.047972	1.74E-02	1.24E-04	3.43E-02	0.051805	1.65E-02	1.57E-04	6.59E-02	8.26E-02
4239	483363.09	3856377.25	1.40337	1.77354	1.42142	2.09E-02	1.25E-04	3.70E-02	0.057994	2.13E-02	1.23E-04	4.11E-02	0.062599	2.03E-02	1.56E-04	7.90E-02	9.94E-02
4240	483863.09	3856377.25	1.85944	1.8333	1.78626	2.77E-02	1.29E-04	4.65E-02	0.074278	2.83E-02	1.27E-04	5.17E-02	0.080097	2.69E-02	1.62E-04	9.93E-02	1.26E-01
4241	484363.09	3856377.25	2.68253	1.84139	2.45049	3.99E-02	1.30E-04	6.38E-02	0.103811	4.08E-02	1.28E-04	7.09E-02	0.111837	3.88E-02	1.62E-04	1.36E-01	1.75E-01
4242	484863.09	3856377.25	5.12418	1.94107	4.28168	7.63E-02	1.37E-04	1.11E-01	0.187801	7.79E-02	1.35E-04	1.24E-01	0.201968	7.40E-02	1.71E-04	2.38E-01	3.12E-01
4243	485363.09	3856377.25	8.98521	1.81754	8.84093	1.34E-01	1.28E-04	2.30E-01	0.363876	1.37E-01	1.26E-04	2.56E-01	0.392613	1.30E-01	1.60E-04	4.91E-01	6.21E-01
4244	485863.09	3856377.25	4.94012	1.8703	5.66953	7.35E-02	1.32E-04	1.47E-01	0.221163	7.51E-02	1.30E-04	1.64E-01	0.239324	7.14E-02	1.65E-04	3.15E-01	3.87E-01
4245	486363.09	3856377.25	2.09073	1.4432	2.31341	3.11E-02	1.02E-04	6.02E-02	0.091407	3.18E-02	1.00E-04	6.69E-02	0.098842	3.02E-02	1.27E-04	1.29E-01	1.59E-01
4246	486863.09	3856377.25	1.71626	1.32202	1.82556	2.55E-02	9.33E-05	4.75E-02	0.073133	2.61E-02	9.19E-05	5.28E-02	0.079021	2.48E-02	1.17E-04	1.01E-01	1.26E-01
4247	487363.09	3856377.25	1.5464	1.20967	1.63641	2.30E-02	8.54E-05	4.26E-02	0.065676	2.35E-02	8.41E-05	4.74E-02	0.070956	2.23E-02	1.07E-04	9.09E-02	1.13E-01
4248	487863.09	3856377.25	1.38174	1.18384	1.49418	2.06E-02	8.36E-05	3.89E-02	0.059523	2.10E-02	8.23E-05	4.32E-02	0.064334	2.00E-02	1.04E-04	8.30E-02	1.03E-01
4249	488363.09	3856377.25	1.22607	1.12622	1.32736	1.82E-02	7.95E-05	3.45E-02	0.052862	1.86E-02	7.83E-05	3.84E-02	0.057136	1.77E-02	9.94E-05	7.38E-02	9.16E-02
4250	488863.09	3856377.25	1.08868	1.06418	1.16378	1.62E-02	7.51E-05	3.03E-02	0.046557	1.66E-02	7.40E-05	3.37E-02	0.050308	1.57E-02	9.39E-05	6.47E-02	8.05E-02
4251	489363.09	3856377.25	0.97084	1.03591	1.04294	1.45E-02	7.31E-05	2.71E-02	0.041657	1.48E-02	7.20E-05	3.02E-02	0.045017	1.40E-02	9.14E-05	5.80E-02	7.21E-02
4252	489863.09	3856377.25	0.87268	0.98775	0.94321	1.30E-02	6.97E-05	2.45E-02	0.037598	1.33E-02	6.87E-05	2.73E-02	0.040635	1.26E-02	8.72E-05	5.24E-02	6.51E-02
4253	490363.09	3856377.25	0.7796	0.90377	0.84299	1.16E-02	6.38E-05	2.19E-02	0.033599	1.19E-02	6.28E-05	2.44E-02	0.036313	1.13E-02	7.97E-05	4.68E-02	5.82E-02
4254	490863.09	3856377.25	0.69865	0.83988	0.75126	1.04E-02	5.93E-05	1.95E-02	0.030003	1.06E-02	5.84E-05	2.17E-02	0.032423	1.01E-02	7.41E-05	4.17E-02	5.19E-02
4255	491363.09	3856377.25	0.63066	0.77161	0.67988	9.39E-03	5.45E-05	1.77E-02	0.027129	9.59E-03	5.36E-05	1.97E-02	0.029319	9.11E-03	6.81E-05	3.78E-02	4.70E-02
4256	491863.09	3856377.25	0.55717	0.70816	0.60378	8.29E-03	5.00E-05	1.57E-02	0.024051	8.47E-03	4.92E-05	1.75E-02	0.025995	8.05E-03	6.25E-05	3.35E-02	4.17E-02
4257	492363.09	3856377.25	0.47628	0.60082	0.51329	7.09E-03	4.24E-05	1.34E-02	0.020485	7.24E-03	4.18E-05	1.49E-02	0.022139	6.88E-03	5.30E-05	2.85E-02	3.55E-02
4258	492863.09	3856377.25	0.35717	0.43441	0.37574	5.32E-03	3.07E-05	9.78E-03	0.015122	5.43E-03	3.02E-05	1.09E-02	0.016335	5.16E-03	3.83E-05	2.09E-02	2.61E-02
4259	493363.09	3856377.25	0.19101	0.22314	0.19542	2.84E-03	1.58E-05	5.08E-03	0.007943	2.91E-03	1.55E-05	5.65E-03	0.008575	2.76E-03	1.97E-05	1.09E-02	1.36E-02
4260	493863.09	3856377.25	0.14262	0.16905	0.14644	2.12E-03	1.19E-05	3.81E-03	0.005945	2.17E-03	1.17E-05	4.24E-03	0.006418	2.06E-03	1.49E-05	8.14E-03	1.02E-02
4261	494363.09	3856377.25	0.10466	0.11473	0.10662	1.56E-03	8.10E-06	2.77E-03	0.00434	1.59E-03	7.97E-06	3.09E-03	0.004685	1.51E-03	1.01E-05	5.92E-03	7.45E-03
4262	494863.09	3856377.25	0.08004	0.08349	0.08199	1.19E-03	5.90E-06	2.13E-03	0.00333	1.22E-03	5.80E-06	2.37E-03	0.003596	1.16E-03	7.37E-06	4.56E-03	5.72E-03
4263	495363.09	3856377.25	0.06526	0.06898	0.06731	9.71E-04	4.87E-06	1.75E-03	0.002727	9.93E-04	4.79E-06	1.95E-03	0.002945	9.43E-04	6.09E-06	3.74E-03	4.69E-03
4264	495863.09	3856377.25	0.06255	0.0662	0.06426	9.31E-04	4.67E-06	1.67E-03	0.002607	9.51E-04	4.60E-06	1.86E-03	0.002815	9.04E-04	5.84E-06	3.57E-03	4.48E-03
4265	496363.09	3856377.25	0.06178	0.06533	0.06397	9.20E-04	4.61E-06	1.66E-03	0.002588	9.40E-04	4.54E-06	1.85E-03	0.002795	8.93E-04	5.76E-06	3.55E-03	4.45E-03
4266	496863.09	3856377.25	0.0657	0.06932	0.06852	9.78E-04	4.89E-06	1.78E-03	0.002765	9.99E-04	4.82E-06	1.98E-03	0.002987	9.49E-04	6.12E-06	3.81E-03	4.76E-03
4267	497363.09	3856377.25	0.06858	0.07293	0.07144	1.02E-03	5.15E-06	1.86E-03	0.002885	1.04E-03	5.07E-06	2.07E-03	0.003115	9.91E-04	6.43E-06	3.97E-03	4.97E-03
4268	497863.09	3856377.25	0.07524	0.07903	0.07812	1.12E-03	5.58E-06	2.03E-03	0.003158	1.14E-03	5.49E-06	2.26E-03	0.00341	1.09E-03	6.97E-06	4.34E-03	5.44E-03
4269	498363.09	3856377.25	0.08393	0.09159	0.08679	1.25E-03	6.47E-06	2.26E-03	0.003514	1.28E-03	6.37E-06	2.51E-03	0.003794	1.21E-03	8.08E-06	4.82E-03	6.04E-03
4270	471363.09	3856877.25	0.07293	0.1118	0.07664	1.09E-03	7.89E-06	1.99E-03	0.003087	1.11E-03	7.77E-06	2.22E-03	0.003335	1.05E-03	9.86E-06	4.26E-03	5.32E-03
4271	471863.09	3856877.25	0.0739	0.11678	0.07977	1.10E-03	8.25E-06	2.08E-03	0.003184	1.12E-03	8.12E-06	2.31E-03	0.00344	1.07E-03	1.03E-05	4.43E-03	5.51E-03
4272	472363.09	3856877.25	0.07779	0.12277	0.08344	1.16E-03	8.67E-06	2.17E-03	0.003337	1.18E-03	8.53E-06	2.41E-03	0.003606	1.12E-03	1.08E-05	4.64E-03	5.77E-03
4273	472863.09	3856877.25	0.08172	0.12225	0.08713	1.22E-03	8.63E-06	2.27E-03	0.003492	1.24E-03	8.50E-06	2.52E-03	0.003773	1.18E-03	1.08E-05	4.84E-03	6.03E-03

4274	473363.09	3856877.25	0.09161	0.14452	0.09666	1.36E-03	1.02E-05	2.51E-03	0.003888	1.39E-03	1.00E-05	2.80E-03	0.0042	1.32E-03	1.28E-05	5.37E-03	6.71E-03
4275	473863.09	3856877.25	0.0969	0.16119	0.10317	1.44E-03	1.14E-05	2.68E-03	0.004138	1.47E-03	1.12E-05	2.99E-03	0.00447	1.40E-03	1.42E-05	5.73E-03	7.15E-03
4276	474363.09	3856877.25	0.09308	0.14632	0.09807	1.39E-03	1.03E-05	2.55E-03	0.003947	1.42E-03	1.02E-05	2.84E-03	0.004264	1.35E-03	1.29E-05	5.45E-03	6.81E-03
4277	474863.09	3856877.25	0.08386	0.12735	0.0894	1.25E-03	8.99E-06	2.33E-03	0.003583	1.28E-03	8.85E-06	2.59E-03	0.003871	1.21E-03	1.12E-05	4.97E-03	6.19E-03
4278	475363.09	3856877.25	0.06738	0.09932	0.07272	1.00E-03	7.01E-06	1.89E-03	0.002902	1.02E-03	6.90E-06	2.10E-03	0.003136	9.74E-04	8.76E-06	4.04E-03	5.02E-03
4279	475863.09	3856877.25	0.06719	0.10003	0.07227	1.00E-03	7.06E-06	1.88E-03	0.002887	1.02E-03	6.95E-06	2.09E-03	0.00312	9.71E-04	8.83E-06	4.02E-03	5.00E-03
4280	476363.09	3856877.25	0.0576	0.08318	0.06219	8.57E-04	5.87E-06	1.62E-03	0.002481	8.76E-04	5.78E-06	1.80E-03	0.002681	8.32E-04	7.34E-06	3.46E-03	4.30E-03
4281	476863.09	3856877.25	0.05719	0.07648	0.05871	8.51E-04	5.40E-06	1.53E-03	0.002384	8.70E-04	5.32E-06	1.70E-03	0.002574	8.26E-04	6.75E-06	3.26E-03	4.10E-03
4282	477363.09	3856877.25	0.05222	0.07163	0.05385	7.77E-04	5.06E-06	1.40E-03	0.002183	7.94E-04	4.98E-06	1.56E-03	0.002357	7.55E-04	6.32E-06	2.99E-03	3.75E-03
4283	477863.09	3856877.25	0.03962	0.05021	0.04193	5.90E-04	3.55E-06	1.09E-03	0.001684	6.03E-04	3.49E-06	1.21E-03	0.001819	5.73E-04	4.43E-06	2.33E-03	2.91E-03
4284	478363.09	3856877.25	0.03612	0.04452	0.03915	5.38E-04	3.14E-06	1.02E-03	0.001559	5.49E-04	3.09E-06	1.13E-03	0.001685	5.22E-04	3.93E-06	2.18E-03	2.70E-03
4285	478863.09	3856877.25	0.04661	0.05954	0.04846	6.94E-04	4.20E-06	1.26E-03	0.001959	7.09E-04	4.14E-06	1.40E-03	0.002115	6.74E-04	5.25E-06	2.69E-03	3.37E-03
4286	479363.09	3856877.25	0.06355	0.08831	0.06614	9.46E-04	6.24E-06	1.72E-03	0.002673	9.67E-04	6.14E-06	1.91E-03	0.002887	9.18E-04	7.79E-06	3.68E-03	4.60E-03
4287	479863.09	3856877.25	0.14306	0.21583	0.14854	2.13E-03	1.52E-05	3.86E-03	0.006009	2.18E-03	1.50E-05	4.30E-03	0.006489	2.07E-03	1.90E-05	8.25E-03	1.03E-02
4288	480363.09	3856877.25	0.27736	0.37876	0.27993	4.13E-03	2.67E-05	7.28E-03	0.011438	4.22E-03	2.63E-05	8.10E-03	0.012345	4.01E-03	3.34E-05	1.56E-02	1.96E-02
4289	480863.09	3856877.25	0.43181	0.66785	0.44696	6.43E-03	4.72E-05	1.16E-02	0.018103	6.57E-03	4.64E-05	1.29E-02	0.019548	6.24E-03	5.89E-05	2.48E-02	3.11E-02
4290	481363.09	3856877.25	0.57525	0.84448	0.61563	8.56E-03	5.96E-05	1.60E-02	0.024638	8.75E-03	5.87E-05	1.78E-02	0.026622	8.31E-03	7.45E-05	3.42E-02	4.26E-02
4291	481863.09	3856877.25	0.69403	0.93398	0.75614	1.03E-02	6.59E-05	1.97E-02	0.030068	1.06E-02	6.49E-05	2.19E-02	0.032501	1.00E-02	8.24E-05	4.20E-02	5.21E-02
4292	482363.09	3856877.25	0.83241	1.16634	0.88896	1.24E-02	8.24E-05	2.31E-02	0.0356	1.27E-02	8.11E-05	2.57E-02	0.038465	1.20E-02	1.03E-04	4.94E-02	6.15E-02
4293	482863.09	3856877.25	0.9708	1.22647	0.99192	1.45E-02	8.66E-05	2.58E-02	0.040342	1.48E-02	8.52E-05	2.87E-02	0.043553	1.40E-02	1.08E-04	5.51E-02	6.93E-02
4294	483363.09	3856877.25	1.13633	1.26278	1.13319	1.69E-02	8.92E-05	2.95E-02	0.046484	1.73E-02	8.78E-05	3.28E-02	0.050161	1.64E-02	1.11E-04	6.30E-02	7.95E-02
4295	483863.09	3856877.25	1.35045	1.26427	1.33535	2.01E-02	8.93E-05	3.47E-02	0.054931	2.05E-02	8.79E-05	3.86E-02	0.059268	1.95E-02	1.12E-04	7.42E-02	9.38E-02
4296	484363.09	3856877.25	1.7611	1.409	1.6927	2.62E-02	9.95E-05	4.40E-02	0.07035	2.68E-02	9.79E-05	4.90E-02	0.075864	2.54E-02	1.24E-04	9.41E-02	1.20E-01
4297	484863.09	3856877.25	2.41571	1.59867	2.2438	3.60E-02	1.13E-04	5.84E-02	0.094445	3.67E-02	1.11E-04	6.49E-02	0.101781	3.49E-02	1.41E-04	1.25E-01	1.60E-01
4298	485363.09	3856877.25	4.33862	1.74083	3.72838	6.46E-02	1.23E-04	9.70E-02	0.1617	6.60E-02	1.21E-04	1.08E-01	0.173995	6.27E-02	1.54E-04	2.07E-01	2.70E-01
4299	485863.09	3856877.25	8.7818	1.99935	8.10293	1.31E-01	1.41E-04	2.11E-01	0.341661	1.34E-01	1.39E-04	2.34E-01	0.368176	1.27E-01	1.76E-04	4.50E-01	5.77E-01
4300	486363.09	3856877.25	4.2849	2.03131	4.47955	6.38E-02	1.43E-04	1.17E-01	0.180463	6.52E-02	1.41E-04	1.30E-01	0.194935	6.19E-02	1.79E-04	2.49E-01	3.11E-01
4301	486863.09	3856877.25	2.85492	1.69287	3.07877	4.25E-02	1.20E-04	8.01E-02	0.122711	4.34E-02	1.18E-04	8.91E-02	0.132629	4.13E-02	1.49E-04	1.71E-01	2.12E-01
4302	487363.09	3856877.25	2.24792	1.8661	2.46908	3.35E-02	1.32E-04	6.42E-02	0.097827	3.42E-02	1.30E-04	7.14E-02	0.105766	3.25E-02	1.65E-04	1.37E-01	1.70E-01
4303	487863.09	3856877.25	1.85452	2.08256	2.04471	2.76E-02	1.47E-04	5.32E-02	0.080946	2.82E-02	1.45E-04	5.92E-02	0.087518	2.68E-02	1.84E-04	1.14E-01	1.41E-01
4304	488363.09	3856877.25	1.57883	1.9304	1.73289	2.35E-02	1.36E-04	4.51E-02	0.06872	2.40E-02	1.34E-04	5.01E-02	0.074291	2.28E-02	1.70E-04	9.63E-02	1.19E-01
4305	488863.09	3856877.25	1.32363	1.74961	1.48082	1.97E-02	1.24E-04	3.85E-02	0.05835	2.01E-02	1.22E-04	4.29E-02	0.063103	1.91E-02	1.54E-04	8.23E-02	1.02E-01
4306	489363.09	3856877.25	1.14193	1.43323	1.26774	1.70E-02	1.01E-04	3.30E-02	0.05008	1.74E-02	9.96E-05	3.67E-02	0.054152	1.65E-02	1.26E-04	7.04E-02	8.71E-02
4307	489863.09	3856877.25	0.99082	1.25061	1.09889	1.47E-02	8.83E-05	2.86E-02	0.043425	1.51E-02	8.69E-05	3.18E-02	0.046955	1.43E-02	1.10E-04	6.11E-02	7.55E-02
4308	490363.09	3856877.25	0.87064	1.0881	0.96143	1.30E-02	7.68E-05	2.50E-02	0.038049	1.32E-02	7.56E-05	2.78E-02	0.041138	1.26E-02	9.60E-05	5.34E-02	6.61E-02
4309	490863.09	3856877.25	0.76716	0.95974	0.84616	1.14E-02	6.78E-05	2.20E-02	0.0335	1.17E-02	6.67E-05	2.45E-02	0.03622	1.11E-02	8.47E-05	4.70E-02	5.82E-02
4310	491363.09	3856877.25	0.68104	0.84253	0.74581	1.01E-02	5.95E-05	1.94E-02	0.0296	1.04E-02	5.86E-05	2.16E-02	0.031998	9.84E-03	7.43E-05	4.14E-02	5.14E-02
4311	491863.09	3856877.25	0.59367	0.73735	0.65445	8.84E-03	5.21E-05	1.70E-02	0.025915	9.03E-03	5.12E-05	1.89E-02	0.028018	8.58E-03	6.51E-05	3.64E-02	4.50E-02
4312	492363.09	3856877.25	0.43476	0.52126	0.47314	6.47E-03	3.68E-05	1.23E-02	0.018817	6.61E-03	3.62E-05	1.37E-02	0.02034	6.28E-03	4.60E-05	2.63E-02	3.26E-02
4313	492863.09	3856877.25	0.3089	0.36594	0.32807	4.60E-03	2.58E-05	8.54E-03	0.013159	4.70E-03	2.54E-05	9.49E-03	0.014217	4.46E-03	3.23E-05	1.82E-02	2.27E-02
4314	493363.09	3856877.25	0.20465	0.23195	0.21091	3.05E-03	1.64E-05	5.49E-03	0.00855	3.11E-03	1.61E-05	6.10E-03	0.009232	2.96E-03	2.05E-05	1.17E-02	1.47E-02
4315	493863.09	3856877.25	0.13269	0.14485	0.13695	1.98E-03	1.02E-05	3.56E-03	0.005548	2.02E-03	1.01E-05	3.96E-03	0.005991	1.92E-03	1.28E-05	7.61E-03	9.54E-03
4316	494363.09	3856877.25	0.09601	0.10128	0.09965	1.43E-03	7.15E-06	2.59E-03	0.004029	1.46E-03	7.04E-06	2.88E-03	0.004351	1.39E-03	8.94E-06	5.54E-03	6.93E-03
4317	494863.09	3856877.25	0.0805	0.08501	0.08367	1.20E-03	6.00E-06	2.18E-03	0.003381	1.22E-03	5.91E-06	2.42E-03	0.003651	1.16E-03	7.50E-06	4.65E-03	5.82E-03
4318	495363.09	3856877.25	0.07212	0.0746	0.07513	1.07E-03	5.27E-06	1.95E-03	0.003033	1.10E-03	5.18E-06	2.17E-03	0.003276	1.04E-03	6.58E-06	4.17E-03	5.22E-03
4319	495863.09	3856877.25	0.0696	0.07205	0.07303	1.04E-03	5.09E-06	1.90E-03	0.002941	1.06E-03	5.01E-06	2.11E-03	0.003177	1.01E-03	6.36E-06	4.06E-03	5.07E-03
4320	496363.09	3856877.25	0.06948	0.07272	0.07212	1.03E-03	5.13E-06	1.88E-03	0.002916	1.06E-03	5.05E-06	2.09E-03	0.003149	1.00E-03	6.42E-06	4.01E-03	5.02E-03

4321	496863.09	3856877.25	0.07127	0.07685	0.07345	1.06E-03	5.43E-06	1.91E-03	0.002977	1.08E-03	5.34E-06	2.13E-03	0.003215	1.03E-03	6.78E-06	4.08E-03	5.12E-03
4322	497363.09	3856877.25	0.07508	0.08168	0.07764	1.12E-03	5.77E-06	2.02E-03	0.003143	1.14E-03	5.68E-06	2.25E-03	0.003394	1.08E-03	7.21E-06	4.31E-03	5.41E-03
4323	497863.09	3856877.25	0.0843	0.09252	0.08793	1.25E-03	6.53E-06	2.29E-03	0.003549	1.28E-03	6.43E-06	2.54E-03	0.003833	1.22E-03	8.16E-06	4.89E-03	6.11E-03
4324	498363.09	3856877.25	0.09763	0.10604	0.10204	1.45E-03	7.49E-06	2.65E-03	0.004115	1.48E-03	7.37E-06	2.95E-03	0.004445	1.41E-03	9.36E-06	5.67E-03	7.09E-03
4325	471363.09	3857377.25	0.07543	0.11417	0.0775	1.12E-03	8.06E-06	2.02E-03	0.003147	1.15E-03	7.94E-06	2.24E-03	0.003398	1.09E-03	1.01E-05	4.31E-03	5.41E-03
4326	471863.09	3857377.25	0.07447	0.11174	0.07797	1.11E-03	7.89E-06	2.03E-03	0.003145	1.13E-03	7.77E-06	2.26E-03	0.003397	1.08E-03	9.86E-06	4.33E-03	5.42E-03
4327	472363.09	3857377.25	0.07753	0.11848	0.08157	1.15E-03	8.37E-06	2.12E-03	0.003285	1.18E-03	8.23E-06	2.36E-03	0.003548	1.12E-03	1.05E-05	4.53E-03	5.66E-03
4328	472863.09	3857377.25	0.08277	0.12774	0.08703	1.23E-03	9.02E-06	2.26E-03	0.003505	1.26E-03	8.88E-06	2.52E-03	0.003786	1.20E-03	1.13E-05	4.84E-03	6.04E-03
4329	473363.09	3857377.25	0.09128	0.14022	0.096	1.36E-03	9.90E-06	2.50E-03	0.003866	1.39E-03	9.75E-06	2.78E-03	0.004176	1.32E-03	1.24E-05	5.33E-03	6.67E-03
4330	473863.09	3857377.25	0.10243	0.16105	0.10948	1.52E-03	1.14E-05	2.85E-03	0.004384	1.56E-03	1.12E-05	3.17E-03	0.004737	1.48E-03	1.42E-05	6.08E-03	7.58E-03
4331	474363.09	3857377.25	0.09111	0.15951	0.09808	1.36E-03	1.13E-05	2.55E-03	0.003919	1.39E-03	1.11E-05	2.84E-03	0.004235	1.32E-03	1.41E-05	5.45E-03	6.78E-03
4332	474863.09	3857377.25	0.06455	0.09485	0.06754	9.61E-04	6.70E-06	1.76E-03	0.002725	9.82E-04	6.59E-06	1.95E-03	0.002943	9.33E-04	8.37E-06	3.75E-03	4.69E-03
4333	475363.09	3857377.25	0.04327	0.06496	0.04595	6.44E-04	4.59E-06	1.20E-03	0.001844	6.58E-04	4.51E-06	1.33E-03	0.001992	6.25E-04	5.73E-06	2.55E-03	3.18E-03
4334	475863.09	3857377.25	0.04189	0.06201	0.0432	6.24E-04	4.38E-06	1.12E-03	0.001752	6.37E-04	4.31E-06	1.25E-03	0.001891	6.05E-04	5.47E-06	2.40E-03	3.01E-03
4335	476363.09	3857377.25	0.05395	0.07921	0.05535	8.03E-04	5.59E-06	1.44E-03	0.002249	8.21E-04	5.51E-06	1.60E-03	0.002428	7.80E-04	6.99E-06	3.08E-03	3.86E-03
4336	476863.09	3857377.25	0.05749	0.0844	0.06214	8.56E-04	5.96E-06	1.62E-03	0.002478	8.74E-04	5.87E-06	1.80E-03	0.002678	8.31E-04	7.45E-06	3.45E-03	4.29E-03
4337	477363.09	3857377.25	0.0516	0.07256	0.05567	7.68E-04	5.12E-06	1.45E-03	0.002221	7.85E-04	5.04E-06	1.61E-03	0.002401	7.46E-04	6.40E-06	3.09E-03	3.85E-03
4338	477863.09	3857377.25	0.04075	0.05659	0.04478	6.07E-04	4.00E-06	1.16E-03	0.001776	6.20E-04	3.93E-06	1.30E-03	0.00192	5.89E-04	4.99E-06	2.49E-03	3.08E-03
4339	478363.09	3857377.25	0.03438	0.04487	0.03674	5.12E-04	3.17E-06	9.56E-04	0.001471	5.23E-04	3.12E-06	1.06E-03	0.001589	4.97E-04	3.96E-06	2.04E-03	2.54E-03
4340	478863.09	3857377.25	0.03	0.04173	0.03251	4.47E-04	2.95E-06	8.46E-04	0.001295	4.56E-04	2.90E-06	9.41E-04	0.0014	4.34E-04	3.68E-06	1.81E-03	2.24E-03
4341	479363.09	3857377.25	0.04681	0.06082	0.05156	6.97E-04	4.29E-06	1.34E-03	0.002042	7.12E-04	4.23E-06	1.49E-03	0.002208	6.76E-04	5.37E-06	2.86E-03	3.55E-03
4342	479863.09	3857377.25	0.12353	0.16137	0.12442	1.84E-03	1.14E-05	3.24E-03	0.005087	1.88E-03	1.12E-05	3.60E-03	0.00549	1.79E-03	1.42E-05	6.91E-03	8.71E-03
4343	480363.09	3857377.25	0.10919	0.13391	0.10819	1.63E-03	9.46E-06	2.81E-03	0.004449	1.66E-03	9.31E-06	3.13E-03	0.004801	1.58E-03	1.18E-05	6.01E-03	7.60E-03
4344	480863.09	3857377.25	0.39139	0.53899	0.41879	5.83E-03	3.81E-05	1.09E-02	0.016759	5.95E-03	3.75E-05	1.21E-02	0.018109	5.66E-03	4.76E-05	2.33E-02	2.90E-02
4345	481363.09	3857377.25	0.44219	0.61172	0.46149	6.58E-03	4.32E-05	1.20E-02	0.018631	6.73E-03	4.25E-05	1.34E-02	0.020122	6.39E-03	5.40E-05	2.56E-02	3.21E-02
4346	481863.09	3857377.25	0.56969	0.80898	0.61306	8.48E-03	5.71E-05	1.59E-02	0.024486	8.66E-03	5.62E-05	1.77E-02	0.026461	8.23E-03	7.14E-05	3.41E-02	4.24E-02
4347	482363.09	3857377.25	0.71489	1.00563	0.74538	1.06E-02	7.10E-05	1.94E-02	0.030104	1.09E-02	6.99E-05	2.16E-02	0.032512	1.03E-02	8.87E-05	4.14E-02	5.18E-02
4348	482863.09	3857377.25	0.79672	0.93376	0.814	1.19E-02	6.59E-05	2.12E-02	0.033102	1.21E-02	6.49E-05	2.36E-02	0.035737	1.15E-02	8.24E-05	4.52E-02	5.68E-02
4349	483363.09	3857377.25	0.92289	1.00244	0.92613	1.37E-02	7.08E-05	2.41E-02	0.037902	1.40E-02	6.97E-05	2.68E-02	0.040905	1.33E-02	8.84E-05	5.15E-02	6.49E-02
4350	483863.09	3857377.25	1.07652	1.01605	1.06269	1.60E-02	7.17E-05	2.76E-02	0.043742	1.64E-02	7.06E-05	3.08E-02	0.047195	1.56E-02	8.96E-05	5.90E-02	7.47E-02
4351	484363.09	3857377.25	1.30745	1.14529	1.27203	1.95E-02	8.09E-05	3.31E-02	0.052635	1.99E-02	7.96E-05	3.68E-02	0.056773	1.89E-02	1.01E-04	7.07E-02	8.97E-02
4352	484863.09	3857377.25	1.56982	1.25775	1.51476	2.34E-02	8.88E-05	3.94E-02	0.062863	2.39E-02	8.74E-05	4.38E-02	0.067796	2.27E-02	1.11E-04	8.42E-02	1.07E-01
4353	485363.09	3857377.25	2.1108	1.48443	2.03655	3.14E-02	1.05E-04	5.30E-02	0.084506	3.21E-02	1.03E-04	5.89E-02	0.091138	3.05E-02	1.31E-04	1.13E-01	1.44E-01
4354	485863.09	3857377.25	3.35211	2.22916	3.05829	4.99E-02	1.57E-04	7.96E-02	0.129617	5.10E-02	1.55E-04	8.85E-02	0.139635	4.84E-02	1.97E-04	1.70E-01	2.19E-01
4355	486363.09	3857377.25	8.4719	7.02604	7.83794	1.26E-01	4.96E-04	2.04E-01	0.33051	1.29E-01	4.88E-04	2.27E-01	0.356144	1.22E-01	6.20E-04	4.36E-01	5.59E-01
4356	486863.09	3857377.25	6.79061	22.10795	7.06597	1.01E-01	1.56E-03	1.84E-01	0.286465	1.03E-01	1.54E-03	2.04E-01	0.309284	9.81E-02	1.95E-03	3.93E-01	4.93E-01
4357	487363.09	3857377.25	3.58217	10.76064	4.07153	5.33E-02	7.60E-04	1.06E-01	0.160004	5.45E-02	7.48E-04	1.18E-01	0.173048	5.18E-02	9.49E-04	2.26E-01	2.79E-01
4358	487863.09	3857377.25	2.47619	5.3309	2.88665	3.69E-02	3.76E-04	7.51E-02	0.112333	3.77E-02	3.71E-04	8.35E-02	0.121562	3.58E-02	4.70E-04	1.60E-01	1.97E-01
4359	488363.09	3857377.25	1.90948	3.22353	2.18885	2.84E-02	2.28E-04	5.69E-02	0.085595	2.90E-02	2.24E-04	6.33E-02	0.092604	2.76E-02	2.84E-04	1.22E-01	1.50E-01
4360	488863.09	3857377.25	1.5286	2.23861	1.73095	2.28E-02	1.58E-04	4.50E-02	0.067943	2.32E-02	1.56E-04	5.01E-02	0.073493	2.21E-02	1.98E-04	9.62E-02	1.18E-01
4361	489363.09	3857377.25	1.27081	1.65736	1.43486	1.89E-02	1.17E-04	3.73E-02	0.056362	1.93E-02	1.15E-04	4.15E-02	0.060964	1.84E-02	1.46E-04	7.97E-02	9.82E-02
4362	489863.09	3857377.25	1.09998	1.32229	1.23767	1.64E-02	9.34E-05	3.22E-02	0.048665	1.67E-02	9.19E-05	3.58E-02	0.052636	1.59E-02	1.17E-04	6.88E-02	8.48E-02
4363	490363.09	3857377.25	0.938	1.12373	1.06537	1.40E-02	7.93E-05	2.77E-02	0.041758	1.43E-02	7.81E-05	3.08E-02	0.045173	1.36E-02	9.92E-05	5.92E-02	7.29E-02
4364	490863.09	3857377.25	0.8132	0.93265	0.9207	1.21E-02	6.59E-05	2.40E-02	0.036123	1.24E-02	6.48E-05	2.66E-02	0.039075	1.18E-02	8.23E-05	5.12E-02	6.30E-02
4365	491363.09	3857377.25	0.71277	0.79444	0.80135	1.06E-02	5.61E-05	2.08E-02	0.031513	1.08E-02	5.52E-05	2.32E-02	0.034085	1.03E-02	7.01E-05	4.45E-02	5.49E-02
4366	491863.09	3857377.25	0.59643	0.67167	0.6764	8.88E-03	4.74E-05	1.76E-02	0.026522	9.07E-03	4.67E-05	1.96E-02	0.028691	8.62E-03	5.93E-05	3.76E-02	4.63E-02
4367	492363.09	3857377.25	0.38616	0.44914	0.41658	5.75E-03	3.17E-05	1.08E-02	0.016617	5.87E-03	3.12E-05	1.21E-02	0.017959	5.58E-03	3.96E-05	2.31E-02	2.88E-02

4368	492863.09	3857377.25	0.23773	0.2563	0.25139	3.54E-03	1.81E-05	6.54E-03	0.010097	3.62E-03	1.78E-05	7.27E-03	0.010908	3.44E-03	2.26E-05	1.40E-02	1.74E-02
4369	493363.09	3857377.25	0.15424	0.16806	0.16015	2.30E-03	1.19E-05	4.17E-03	0.006474	2.35E-03	1.17E-05	4.63E-03	0.006992	2.23E-03	1.48E-05	8.90E-03	1.11E-02
4370	493863.09	3857377.25	0.1279	0.13809	0.13125	1.90E-03	9.75E-06	3.41E-03	0.005328	1.95E-03	9.60E-06	3.80E-03	0.005753	1.85E-03	1.22E-05	7.29E-03	9.15E-03
4371	494363.09	3857377.25	0.10209	0.11052	0.10822	1.52E-03	7.80E-06	2.82E-03	0.004343	1.55E-03	7.68E-06	3.13E-03	0.004692	1.48E-03	9.75E-06	6.01E-03	7.50E-03
4372	494863.09	3857377.25	0.09139	0.09914	0.09591	1.36E-03	7.00E-06	2.50E-03	0.003863	1.39E-03	6.89E-06	2.78E-03	0.004172	1.32E-03	8.75E-06	5.33E-03	6.66E-03
4373	495363.09	3857377.25	0.08304	0.08839	0.08564	1.24E-03	6.24E-06	2.23E-03	0.00347	1.26E-03	6.14E-06	2.48E-03	0.003747	1.20E-03	7.80E-06	4.76E-03	5.97E-03
4374	495863.09	3857377.25	0.08082	0.08392	0.08351	1.20E-03	5.93E-06	2.17E-03	0.003382	1.23E-03	5.83E-06	2.42E-03	0.003652	1.17E-03	7.40E-06	4.64E-03	5.82E-03
4375	496363.09	3857377.25	0.07949	0.08226	0.08173	1.18E-03	5.81E-06	2.13E-03	0.003315	1.21E-03	5.72E-06	2.37E-03	0.00358	1.15E-03	7.26E-06	4.54E-03	5.70E-03
4376	496863.09	3857377.25	0.08007	0.08465	0.08266	1.19E-03	5.98E-06	2.15E-03	0.003348	1.22E-03	5.88E-06	2.39E-03	0.003616	1.16E-03	7.47E-06	4.59E-03	5.76E-03
4377	497363.09	3857377.25	0.08401	0.0894	0.08659	1.25E-03	6.31E-06	2.25E-03	0.00351	1.28E-03	6.21E-06	2.51E-03	0.00379	1.21E-03	7.89E-06	4.81E-03	6.03E-03
4378	497863.09	3857377.25	0.09125	0.09919	0.09578	1.36E-03	7.00E-06	2.49E-03	0.003857	1.39E-03	6.89E-06	2.77E-03	0.004166	1.32E-03	8.75E-06	5.32E-03	6.65E-03
4379	498363.09	3857377.25	0.1161	0.1287	0.12372	1.73E-03	9.09E-06	3.22E-03	0.004956	1.77E-03	8.94E-06	3.58E-03	0.005355	1.68E-03	1.14E-05	6.87E-03	8.56E-03
4380	471363.09	3857877.25	0.07365	0.11056	0.08015	1.10E-03	7.81E-06	2.09E-03	0.003189	1.12E-03	7.68E-06	2.32E-03	0.003447	1.06E-03	9.76E-06	4.45E-03	5.53E-03
4381	471863.09	3857877.25	0.07567	0.1169	0.08113	1.13E-03	8.25E-06	2.11E-03	0.003245	1.15E-03	8.12E-06	2.35E-03	0.003507	1.09E-03	1.03E-05	4.51E-03	5.61E-03
4382	472363.09	3857877.25	0.08019	0.12112	0.08527	1.19E-03	8.55E-06	2.22E-03	0.003421	1.22E-03	8.42E-06	2.47E-03	0.003695	1.16E-03	1.07E-05	4.74E-03	5.91E-03
4383	472863.09	3857877.25	0.08899	0.13587	0.09337	1.32E-03	9.59E-06	2.43E-03	0.003763	1.35E-03	9.44E-06	2.70E-03	0.004065	1.29E-03	1.20E-05	5.19E-03	6.49E-03
4384	473363.09	3857877.25	0.09412	0.15652	0.09784	1.40E-03	1.11E-05	2.55E-03	0.003957	1.43E-03	1.09E-05	2.83E-03	0.004274	1.36E-03	1.38E-05	5.44E-03	6.81E-03
4385	473863.09	3857877.25	0.10178	0.17806	0.10578	1.51E-03	1.26E-05	2.75E-03	0.00428	1.55E-03	1.24E-05	3.06E-03	0.004621	1.47E-03	1.57E-05	5.88E-03	7.36E-03
4386	474363.09	3857877.25	0.08889	0.15391	0.09181	1.32E-03	1.09E-05	2.39E-03	0.003722	1.35E-03	1.07E-05	2.66E-03	0.004019	1.28E-03	1.36E-05	5.10E-03	6.40E-03
4387	474863.09	3857877.25	0.05764	0.09327	0.06091	8.58E-04	6.59E-06	1.58E-03	0.002449	8.77E-04	6.48E-06	1.76E-03	0.002646	8.33E-04	8.23E-06	3.38E-03	4.23E-03
4388	475363.09	3857877.25	0.03358	0.04904	0.03457	5.00E-04	3.46E-06	8.99E-04	0.001403	5.11E-04	3.41E-06	1.00E-03	0.001514	4.85E-04	4.33E-06	1.92E-03	2.41E-03
4389	475863.09	3857877.25	0.01894	0.02259	0.02039	2.82E-04	1.60E-06	5.30E-04	0.000814	2.88E-04	1.57E-06	5.90E-04	0.00088	2.74E-04	1.99E-06	1.13E-03	1.41E-03
4390	476363.09	3857877.25	0.03704	0.05666	0.03969	5.51E-04	4.00E-06	1.03E-03	0.001588	5.63E-04	3.94E-06	1.15E-03	0.001716	5.35E-04	5.00E-06	2.21E-03	2.75E-03
4391	476863.09	3857877.25	0.04662	0.06914	0.05116	6.94E-04	4.88E-06	1.33E-03	0.00203	7.09E-04	4.81E-06	1.48E-03	0.002194	6.74E-04	6.10E-06	2.84E-03	3.52E-03
4392	477363.09	3857877.25	0.04651	0.06681	0.05019	6.92E-04	4.72E-06	1.31E-03	0.002003	7.07E-04	4.64E-06	1.45E-03	0.002164	6.72E-04	5.89E-06	2.79E-03	3.47E-03
4393	477863.09	3857877.25	0.0462	0.06729	0.04989	6.88E-04	4.75E-06	1.30E-03	0.00199	7.03E-04	4.68E-06	1.44E-03	0.002151	6.68E-04	5.94E-06	2.77E-03	3.45E-03
4394	478363.09	3857877.25	0.02887	0.04011	0.02989	4.30E-04	2.83E-06	7.78E-04	0.00121	4.39E-04	2.79E-06	8.65E-04	0.001307	4.17E-04	3.54E-06	1.66E-03	2.08E-03
4395	478863.09	3857877.25	0.02615	0.03452	0.02841	3.89E-04	2.44E-06	7.39E-04	0.001131	3.98E-04	2.40E-06	8.22E-04	0.001222	3.78E-04	3.05E-06	1.58E-03	1.96E-03
4396	479363.09	3857877.25	0.11218	0.15083	0.11202	1.67E-03	1.06E-05	2.91E-03	0.004595	1.71E-03	1.05E-05	3.24E-03	0.004958	1.62E-03	1.33E-05	6.22E-03	7.86E-03
4397	479863.09	3857877.25	0.2501	0.34648	0.25573	3.72E-03	2.45E-05	6.65E-03	0.0104	3.80E-03	2.41E-05	7.40E-03	0.011228	3.61E-03	3.06E-05	1.42E-02	1.79E-02
4398	480363.09	3857877.25	0.33053	0.4536	0.35217	4.92E-03	3.20E-05	9.16E-03	0.014114	5.03E-03	3.15E-05	1.02E-02	0.015249	4.78E-03	4.00E-05	1.96E-02	2.44E-02
4399	480863.09	3857877.25	0.36905	0.48998	0.392	5.49E-03	3.46E-05	1.02E-02	0.015726	5.61E-03	3.41E-05	1.13E-02	0.01699	5.33E-03	4.32E-05	2.18E-02	2.72E-02
4400	481363.09	3857877.25	0.42501	0.55869	0.43904	6.33E-03	3.94E-05	1.14E-02	0.017788	6.46E-03	3.88E-05	1.27E-02	0.019207	6.14E-03	4.93E-05	2.44E-02	3.06E-02
4401	481863.09	3857877.25	0.50504	0.66943	0.531	7.52E-03	4.73E-05	1.38E-02	0.021379	7.68E-03	4.65E-05	1.54E-02	0.023093	7.30E-03	5.91E-05	2.95E-02	3.69E-02
4402	482363.09	3857877.25	0.61992	0.75745	0.63304	9.23E-03	5.35E-05	1.65E-02	0.02575	9.43E-03	5.26E-05	1.83E-02	0.027799	8.96E-03	6.68E-05	3.52E-02	4.42E-02
4403	482863.09	3857877.25	0.67991	0.78422	0.68487	1.01E-02	5.54E-05	1.78E-02	0.027993	1.03E-02	5.45E-05	1.98E-02	0.030213	9.82E-03	6.92E-05	3.81E-02	4.79E-02
4404	483363.09	3857877.25	0.75108	0.82139	0.75911	1.12E-02	5.80E-05	1.97E-02	0.030987	1.14E-02	5.71E-05	2.20E-02	0.033447	1.09E-02	7.25E-05	4.22E-02	5.31E-02
4405	483863.09	3857877.25	0.84117	0.84819	0.84514	1.25E-02	5.99E-05	2.20E-02	0.034568	1.28E-02	5.90E-05	2.45E-02	0.037308	1.22E-02	7.48E-05	4.70E-02	5.92E-02
4406	484363.09	3857877.25	0.98699	0.88527	0.97509	1.47E-02	6.25E-05	2.54E-02	0.040121	1.50E-02	6.15E-05	2.82E-02	0.043289	1.43E-02	7.81E-05	5.42E-02	6.85E-02
4407	484863.09	3857877.25	1.16361	1.09208	1.13394	1.73E-02	7.71E-05	2.95E-02	0.046898	1.77E-02	7.59E-05	3.28E-02	0.050586	1.68E-02	9.64E-05	6.30E-02	7.99E-02
4408	485363.09	3857877.25	1.40079	1.40202	1.35382	2.09E-02	9.90E-05	3.52E-02	0.05617	2.13E-02	9.74E-05	3.92E-02	0.060578	2.02E-02	1.24E-04	7.52E-02	9.56E-02
4409	485863.09	3857877.25	1.77573	2.01407	1.71538	2.64E-02	1.42E-04	4.46E-02	0.071201	2.70E-02	1.40E-04	4.96E-02	0.076785	2.57E-02	1.78E-04	9.53E-02	1.21E-01
4410	486363.09	3857877.25	2.54451	3.36174	2.43573	3.79E-02	2.37E-04	6.34E-02	0.10148	3.87E-02	2.34E-04	7.05E-02	0.109416	3.68E-02	2.97E-04	1.35E-01	1.72E-01
4411	486863.09	3857877.25	4.83718	3.63813	4.82661	7.20E-02	2.57E-04	1.26E-01	0.197826	7.36E-02	2.53E-04	1.40E-01	0.21349	6.99E-02	3.21E-04	2.68E-01	3.38E-01
4412	487363.09	3857877.25	8.39185	3.92615	7.51994	1.25E-01	2.77E-04	1.96E-01	0.320826	1.28E-01	2.73E-04	2.18E-01	0.345509	1.21E-01	3.46E-04	4.18E-01	5.39E-01
4413	487863.09	3857877.25	3.48381	3.1748	4.17386	5.19E-02	2.24E-04	1.09E-01	0.160667	5.30E-02	2.21E-04	1.21E-01	0.173986	5.03E-02	2.80E-04	2.32E-01	2.83E-01
4414	488363.09	3857877.25	2.29966	2.24131	2.70292	3.42E-02	1.58E-04	7.03E-02	0.104707	3.50E-02	1.56E-04	7.82E-02	0.113346	3.32E-02	1.98E-04	1.50E-01	1.84E-01

4415	488863.09	3857877.25	1.72965	1.68342	1.98052	2.57E-02	1.19E-04	5.15E-02	0.077389	2.63E-02	1.17E-04	5.73E-02	0.083734	2.50E-02	1.49E-04	1.10E-01	1.35E-01
4416	489363.09	3857877.25	1.36951	1.37788	1.58375	2.04E-02	9.73E-05	4.12E-02	0.061685	2.08E-02	9.58E-05	4.58E-02	0.066754	1.98E-02	1.22E-04	8.80E-02	1.08E-01
4417	489863.09	3857877.25	1.11636	1.16442	1.29247	1.66E-02	8.22E-05	3.36E-02	0.050324	1.70E-02	8.09E-05	3.74E-02	0.05446	1.61E-02	1.03E-04	7.18E-02	8.81E-02
4418	490363.09	3857877.25	0.94472	0.97478	1.07074	1.41E-02	6.88E-05	2.79E-02	0.041987	1.44E-02	6.77E-05	3.10E-02	0.04542	1.37E-02	8.60E-05	5.95E-02	7.32E-02
4419	490863.09	3857877.25	0.82211	0.87633	0.91881	1.22E-02	6.19E-05	2.39E-02	0.036202	1.25E-02	6.09E-05	2.66E-02	0.039152	1.19E-02	7.73E-05	5.11E-02	6.30E-02
4420	491363.09	3857877.25	0.68591	0.73267	0.77496	1.02E-02	5.17E-05	2.02E-02	0.030423	1.04E-02	5.09E-05	2.24E-02	0.032908	9.91E-03	6.46E-05	4.31E-02	5.30E-02
4421	491863.09	3857877.25	0.52336	0.59429	0.60058	7.79E-03	4.20E-05	1.56E-02	0.023457	7.96E-03	4.13E-05	1.74E-02	0.02538	7.56E-03	5.24E-05	3.34E-02	4.10E-02
4422	492363.09	3857877.25	0.30603	0.34116	0.33163	4.56E-03	2.41E-05	8.63E-03	0.013207	4.65E-03	2.37E-05	9.60E-03	0.014275	4.42E-03	3.01E-05	1.84E-02	2.29E-02
4423	492863.09	3857877.25	0.1901	0.19766	0.199	2.83E-03	1.40E-05	5.18E-03	0.008021	2.89E-03	1.37E-05	5.76E-03	0.008663	2.75E-03	1.74E-05	1.11E-02	1.38E-02
4424	493363.09	3857877.25	0.15251	0.15507	0.15941	2.27E-03	1.09E-05	4.15E-03	0.006428	2.32E-03	1.08E-05	4.61E-03	0.006943	2.20E-03	1.37E-05	8.86E-03	1.11E-02
4425	493863.09	3857877.25	0.13503	0.13791	0.13966	2.01E-03	9.74E-06	3.63E-03	0.005653	2.05E-03	9.59E-06	4.04E-03	0.006105	1.95E-03	1.22E-05	7.76E-03	9.72E-03
4426	494363.09	3857877.25	0.12216	0.12548	0.12629	1.82E-03	8.86E-06	3.29E-03	0.005113	1.86E-03	8.72E-06	3.65E-03	0.005521	1.77E-03	1.11E-05	7.02E-03	8.79E-03
4427	494863.09	3857877.25	0.10356	0.10731	0.10779	1.54E-03	7.58E-06	2.80E-03	0.004353	1.58E-03	7.46E-06	3.12E-03	0.004702	1.50E-03	9.47E-06	5.99E-03	7.50E-03
4428	495363.09	3857877.25	0.09685	0.10122	0.10054	1.44E-03	7.15E-06	2.62E-03	0.004064	1.47E-03	7.04E-06	2.91E-03	0.004389	1.40E-03	8.93E-06	5.59E-03	7.00E-03
4429	495863.09	3857877.25	0.09101	0.09442	0.09402	1.35E-03	6.67E-06	2.45E-03	0.003807	1.38E-03	6.56E-06	2.72E-03	0.004111	1.32E-03	8.33E-06	5.22E-03	6.55E-03
4430	496363.09	3857877.25	0.09153	0.09644	0.094	1.36E-03	6.81E-06	2.45E-03	0.003815	1.39E-03	6.70E-06	2.72E-03	0.004119	1.32E-03	8.51E-06	5.22E-03	6.55E-03
4431	496863.09	3857877.25	0.09182	0.09806	0.09546	1.37E-03	6.92E-06	2.48E-03	0.003857	1.40E-03	6.82E-06	2.76E-03	0.004166	1.33E-03	8.65E-06	5.30E-03	6.64E-03
4432	497363.09	3857877.25	0.09139	0.09825	0.09415	1.36E-03	6.94E-06	2.45E-03	0.003817	1.39E-03	6.83E-06	2.72E-03	0.004121	1.32E-03	8.67E-06	5.23E-03	6.56E-03
4433	497863.09	3857877.25	0.10701	0.11543	0.11142	1.59E-03	8.15E-06	2.90E-03	0.0045	1.63E-03	8.02E-06	3.22E-03	0.00486	1.55E-03	1.02E-05	6.19E-03	7.75E-03
4434	498363.09	3857877.25	0.12279	0.13363	0.12946	1.83E-03	9.44E-06	3.37E-03	0.005205	1.87E-03	9.29E-06	3.75E-03	0.005623	1.77E-03	1.18E-05	7.19E-03	8.98E-03
4435	471363.09	3858377.25	0.0796	0.125	0.08578	1.18E-03	8.83E-06	2.23E-03	0.003425	1.21E-03	8.69E-06	2.48E-03	0.003702	1.15E-03	1.10E-05	4.77E-03	5.93E-03
4436	471863.09	3858377.25	0.08269	0.13738	0.08754	1.23E-03	9.70E-06	2.28E-03	0.003518	1.26E-03	9.55E-06	2.53E-03	0.0038	1.19E-03	1.21E-05	4.86E-03	6.07E-03
4437	472363.09	3858377.25	0.08535	0.13659	0.08957	1.27E-03	9.64E-06	2.33E-03	0.00361	1.30E-03	9.49E-06	2.59E-03	0.003899	1.23E-03	1.21E-05	4.98E-03	6.22E-03
4438	472863.09	3858377.25	0.09073	0.15092	0.09716	1.35E-03	1.07E-05	2.53E-03	0.003889	1.38E-03	1.05E-05	2.81E-03	0.004202	1.31E-03	1.33E-05	5.40E-03	6.72E-03
4439	473363.09	3858377.25	0.10331	0.16914	0.10951	1.54E-03	1.19E-05	2.85E-03	0.004399	1.57E-03	1.18E-05	3.17E-03	0.004752	1.49E-03	1.49E-05	6.09E-03	7.59E-03
4440	473863.09	3858377.25	0.10327	0.16817	0.10924	1.54E-03	1.19E-05	2.84E-03	0.004391	1.57E-03	1.17E-05	3.16E-03	0.004743	1.49E-03	1.48E-05	6.07E-03	7.58E-03
4441	474363.09	3858377.25	0.08639	0.14278	0.09123	1.29E-03	1.01E-05	2.37E-03	0.003669	1.31E-03	9.92E-06	2.64E-03	0.003964	1.25E-03	1.26E-05	5.07E-03	6.33E-03
4442	474863.09	3858377.25	0.06283	0.0934	0.06573	9.35E-04	6.59E-06	1.71E-03	0.002652	9.56E-04	6.49E-06	1.90E-03	0.002864	9.08E-04	8.24E-06	3.65E-03	4.57E-03
4443	475363.09	3858377.25	0.03833	0.06138	0.04291	5.71E-04	4.33E-06	1.12E-03	0.001691	5.83E-04	4.27E-06	1.24E-03	0.001829	5.54E-04	5.42E-06	2.38E-03	2.94E-03
4444	475863.09	3858377.25	0.03153	0.04128	0.03312	4.69E-04	2.91E-06	8.62E-04	0.001334	4.80E-04	2.87E-06	9.58E-04	0.001441	4.56E-04	3.64E-06	1.84E-03	2.30E-03
4445	476363.09	3858377.25	0.03438	0.0503	0.03552	5.12E-04	3.55E-06	9.24E-04	0.001439	5.23E-04	3.50E-06	1.03E-03	0.001554	4.97E-04	4.44E-06	1.97E-03	2.47E-03
4446	476863.09	3858377.25	0.03683	0.05745	0.03928	5.48E-04	4.06E-06	1.02E-03	0.001574	5.60E-04	3.99E-06	1.14E-03	0.001701	5.32E-04	5.07E-06	2.18E-03	2.72E-03
4447	477363.09	3858377.25	0.03591	0.0503	0.03784	5.35E-04	3.55E-06	9.84E-04	0.001523	5.46E-04	3.50E-06	1.09E-03	0.001645	5.19E-04	4.44E-06	2.10E-03	2.63E-03
4448	477863.09	3858377.25	0.04854	0.06758	0.05168	7.23E-04	4.77E-06	1.34E-03	0.002072	7.38E-04	4.70E-06	1.50E-03	0.002238	7.01E-04	5.96E-06	2.87E-03	3.58E-03
4449	478363.09	3858377.25	0.05224	0.07323	0.05715	7.78E-04	5.17E-06	1.49E-03	0.00227	7.95E-04	5.09E-06	1.65E-03	0.002453	7.55E-04	6.46E-06	3.18E-03	3.94E-03
4450	478863.09	3858377.25	0.04094	0.04799	0.04159	6.09E-04	3.39E-06	1.08E-03	0.001695	6.23E-04	3.34E-06	1.20E-03	0.001829	5.92E-04	4.23E-06	2.31E-03	2.91E-03
4451	479363.09	3858377.25	0.116	0.15837	0.1185	1.73E-03	1.12E-05	3.08E-03	0.004821	1.76E-03	1.10E-05	3.43E-03	0.005204	1.68E-03	1.40E-05	6.58E-03	8.27E-03
4452	479863.09	3858377.25	0.2653	0.37277	0.28669	3.95E-03	2.63E-05	7.46E-03	0.011434	4.03E-03	2.59E-05	8.30E-03	0.012357	3.83E-03	3.29E-05	1.59E-02	1.98E-02
4453	480363.09	3858377.25	0.33554	0.44011	0.35872	4.99E-03	3.11E-05	9.33E-03	0.014358	5.10E-03	3.06E-05	1.04E-02	0.015514	4.85E-03	3.88E-05	1.99E-02	2.48E-02
4454	480863.09	3858377.25	0.37187	0.46751	0.397	5.54E-03	3.30E-05	1.03E-02	0.015897	5.66E-03	3.25E-05	1.15E-02	0.017176	5.37E-03	4.12E-05	2.21E-02	2.75E-02
4455	481363.09	3858377.25	0.4186	0.50401	0.43848	6.23E-03	3.56E-05	1.14E-02	0.017674	6.37E-03	3.50E-05	1.27E-02	0.01909	6.05E-03	4.45E-05	2.44E-02	3.05E-02
4456	481863.09	3858377.25	0.46545	0.62308	0.49566	6.93E-03	4.40E-05	1.29E-02	0.019867	7.08E-03	4.33E-05	1.43E-02	0.021465	6.73E-03	5.50E-05	2.75E-02	3.43E-02
4457	482363.09	3858377.25	0.53421	0.62466	0.54784	7.95E-03	4.41E-05	1.43E-02	0.022248	8.12E-03	4.34E-05	1.59E-02	0.024021	7.72E-03	5.51E-05	3.04E-02	3.82E-02
4458	482863.09	3858377.25	0.61302	0.69853	0.63226	9.12E-03	4.93E-05	1.64E-02	0.025623	9.32E-03	4.85E-05	1.83E-02	0.027668	8.86E-03	6.16E-05	3.51E-02	4.41E-02
4459	483363.09	3858377.25	0.6584	0.68893	0.67198	9.80E-03	4.86E-05	1.75E-02	0.027331	1.00E-02	4.79E-05	1.94E-02	0.029507	9.51E-03	6.08E-05	3.73E-02	4.69E-02
4460	483863.09	3858377.25	0.70619	0.70296	0.71062	1.05E-02	4.96E-05	1.85E-02	0.029049	1.07E-02	4.89E-05	2.06E-02	0.031353	1.02E-02	6.20E-05	3.95E-02	4.98E-02
4461	484363.09	3858377.25	0.78738	0.85778	0.79295	1.17E-02	6.06E-05	2.06E-02	0.03241	1.20E-02	5.96E-05	2.29E-02	0.034981	1.14E-02	7.57E-05	4.41E-02	5.55E-02

4462	484863.09	3858377.25	0.88519	0.95105	0.86318	1.32E-02	6.72E-05	2.25E-02	0.035699	1.35E-02	6.61E-05	2.50E-02	0.038507	1.28E-02	8.39E-05	4.80E-02	6.08E-02
4463	485363.09	3858377.25	0.98195	1.03149	0.98403	1.46E-02	7.28E-05	2.56E-02	0.040289	1.49E-02	7.17E-05	2.85E-02	0.043481	1.42E-02	9.10E-05	5.47E-02	6.90E-02
4464	485863.09	3858377.25	1.11472	1.25891	1.08793	1.66E-02	8.89E-05	2.83E-02	0.044985	1.70E-02	8.75E-05	3.15E-02	0.048523	1.61E-02	1.11E-04	6.05E-02	7.67E-02
4465	486363.09	3858377.25	1.30554	1.48482	1.29504	1.94E-02	1.05E-04	3.37E-02	0.053229	1.99E-02	1.03E-04	3.75E-02	0.057434	1.89E-02	1.31E-04	7.20E-02	9.10E-02
4466	486863.09	3858377.25	1.67289	1.40039	1.63659	2.49E-02	9.89E-05	4.26E-02	0.067577	2.54E-02	9.73E-05	4.74E-02	0.072898	2.42E-02	1.24E-04	9.09E-02	1.15E-01
4467	487363.09	3858377.25	2.27469	1.56351	2.23929	3.39E-02	1.10E-04	5.83E-02	0.092226	3.46E-02	1.09E-04	6.48E-02	0.099503	3.29E-02	1.38E-04	1.24E-01	1.57E-01
4468	487863.09	3858377.25	4.56741	1.57825	4.75908	6.80E-02	1.11E-04	1.24E-01	0.191908	6.95E-02	1.10E-04	1.38E-01	0.207289	6.60E-02	1.39E-04	2.64E-01	3.31E-01
4469	488363.09	3858377.25	2.61195	1.40371	2.88233	3.89E-02	9.91E-05	7.50E-02	0.113964	3.97E-02	9.76E-05	8.34E-02	0.123229	3.77E-02	1.24E-04	1.60E-01	1.98E-01
4470	488863.09	3858377.25	1.68192	1.16399	1.84706	2.50E-02	8.22E-05	4.81E-02	0.07317	2.56E-02	8.09E-05	5.34E-02	0.07911	2.43E-02	1.03E-04	1.03E-01	1.27E-01
4471	489363.09	3858377.25	1.29781	1.00585	1.43143	1.93E-02	7.10E-05	3.72E-02	0.056629	1.97E-02	6.99E-05	4.14E-02	0.06123	1.88E-02	8.87E-05	7.95E-02	9.84E-02
4472	489863.09	3858377.25	1.07902	0.86741	1.18664	1.61E-02	6.12E-05	3.09E-02	0.046994	1.64E-02	6.03E-05	3.43E-02	0.050809	1.56E-02	7.65E-05	6.59E-02	8.16E-02
4473	490363.09	3858377.25	0.88266	0.78371	0.97974	1.31E-02	5.53E-05	2.55E-02	0.038682	1.34E-02	5.45E-05	2.84E-02	0.04183	1.28E-02	6.91E-05	5.44E-02	6.73E-02
4474	490863.09	3858377.25	0.74502	0.72273	0.82264	1.11E-02	5.10E-05	2.14E-02	0.032542	1.13E-02	5.02E-05	2.38E-02	0.035186	1.08E-02	6.38E-05	4.57E-02	5.65E-02
4475	491363.09	3858377.25	0.61622	0.66684	0.67925	9.17E-03	4.71E-05	1.77E-02	0.026891	9.37E-03	4.63E-05	1.97E-02	0.029074	8.90E-03	5.88E-05	3.77E-02	4.67E-02
4476	491863.09	3858377.25	0.40673	0.47193	0.44621	6.05E-03	3.33E-05	1.16E-02	0.017696	6.19E-03	3.28E-05	1.29E-02	0.019131	5.88E-03	4.16E-05	2.48E-02	3.07E-02
4477	492363.09	3858377.25	0.21329	0.22902	0.22436	3.17E-03	1.62E-05	5.84E-03	0.009028	3.24E-03	1.59E-05	6.49E-03	0.009752	3.08E-03	2.02E-05	1.25E-02	1.56E-02
4478	492863.09	3858377.25	0.23309	0.25532	0.24821	3.47E-03	1.80E-05	6.46E-03	0.009945	3.54E-03	1.77E-05	7.18E-03	0.010745	3.37E-03	2.25E-05	1.38E-02	1.72E-02
4479	493363.09	3858377.25	0.18828	0.19083	0.19839	2.80E-03	1.35E-05	5.16E-03	0.007977	2.86E-03	1.33E-05	5.74E-03	0.008618	2.72E-03	1.68E-05	1.10E-02	1.38E-02
4480	493863.09	3858377.25	0.1669	0.16603	0.17409	2.48E-03	1.17E-05	4.53E-03	0.007025	2.54E-03	1.15E-05	5.04E-03	0.007588	2.41E-03	1.46E-05	9.67E-03	1.21E-02
4481	494363.09	3858377.25	0.14337	0.14721	0.15063	2.13E-03	1.04E-05	3.92E-03	0.006063	2.18E-03	1.02E-05	4.36E-03	0.00655	2.07E-03	1.30E-05	8.37E-03	1.05E-02
4482	494863.09	3858377.25	0.12656	0.12868	0.13361	1.88E-03	9.09E-06	3.48E-03	0.005369	1.92E-03	8.94E-06	3.87E-03	0.0058	1.83E-03	1.14E-05	7.42E-03	9.26E-03
4483	495363.09	3858377.25	0.10966	0.10691	0.11589	1.63E-03	7.55E-06	3.01E-03	0.004655	1.67E-03	7.43E-06	3.35E-03	0.005029	1.58E-03	9.43E-06	6.44E-03	8.03E-03
4484	495863.09	3858377.25	0.10697	0.10585	0.11141	1.59E-03	7.47E-06	2.90E-03	0.004498	1.63E-03	7.36E-06	3.22E-03	0.004858	1.55E-03	9.34E-06	6.19E-03	7.75E-03
4485	496363.09	3858377.25	0.10323	0.10335	0.10681	1.54E-03	7.30E-06	2.78E-03	0.004323	1.57E-03	7.18E-06	3.09E-03	0.004668	1.49E-03	9.12E-06	5.94E-03	7.44E-03
4486	496863.09	3858377.25	0.1081	0.10962	0.11167	1.61E-03	7.74E-06	2.91E-03	0.004522	1.64E-03	7.62E-06	3.23E-03	0.004883	1.56E-03	9.67E-06	6.21E-03	7.78E-03
4487	497363.09	3858377.25	0.10817	0.11275	0.11207	1.61E-03	7.96E-06	2.92E-03	0.004534	1.65E-03	7.84E-06	3.24E-03	0.004896	1.56E-03	9.95E-06	6.23E-03	7.80E-03
4488	497863.09	3858377.25	0.12476	0.13452	0.13018	1.86E-03	9.50E-06	3.39E-03	0.005253	1.90E-03	9.35E-06	3.77E-03	0.005674	1.80E-03	1.19E-05	7.23E-03	9.05E-03
4489	498363.09	3858377.25	0.14883	0.17476	0.1594	2.22E-03	1.23E-05	4.15E-03	0.006375	2.26E-03	1.21E-05	4.61E-03	0.006888	2.15E-03	1.54E-05	8.86E-03	1.10E-02
4490	471363.09	3858877.25	0.08135	0.12524	0.08646	1.21E-03	8.84E-06	2.25E-03	0.003469	1.24E-03	8.70E-06	2.50E-03	0.003748	1.18E-03	1.11E-05	4.80E-03	5.99E-03
4491	471863.09	3858877.25	0.08219	0.13396	0.08972	1.22E-03	9.46E-06	2.33E-03	0.003567	1.25E-03	9.31E-06	2.60E-03	0.003856	1.19E-03	1.18E-05	4.99E-03	6.18E-03
4492	472363.09	3858877.25	0.08996	0.15029	0.09618	1.34E-03	1.06E-05	2.50E-03	0.003852	1.37E-03	1.04E-05	2.78E-03	0.004162	1.30E-03	1.33E-05	5.34E-03	6.66E-03
4493	472863.09	3858877.25	0.0962	0.16174	0.10326	1.43E-03	1.14E-05	2.69E-03	0.00413	1.46E-03	1.12E-05	2.99E-03	0.004462	1.39E-03	1.43E-05	5.74E-03	7.14E-03
4494	473363.09	3858877.25	0.10395	0.18242	0.11225	1.55E-03	1.29E-05	2.92E-03	0.00448	1.58E-03	1.27E-05	3.25E-03	0.004842	1.50E-03	1.61E-05	6.24E-03	7.76E-03
4495	473863.09	3858877.25	0.10515	0.18856	0.11496	1.57E-03	1.33E-05	2.99E-03	0.004569	1.60E-03	1.31E-05	3.33E-03	0.004939	1.52E-03	1.66E-05	6.39E-03	7.92E-03
4496	474363.09	3858877.25	0.09779	0.15158	0.10127	1.46E-03	1.07E-05	2.63E-03	0.004101	1.49E-03	1.05E-05	2.93E-03	0.004428	1.41E-03	1.34E-05	5.63E-03	7.05E-03
4497	474863.09	3858877.25	0.03907	0.05759	0.04203	5.82E-04	4.07E-06	1.09E-03	0.001679	5.94E-04	4.00E-06	1.22E-03	0.001814	5.65E-04	5.08E-06	2.34E-03	2.91E-03
4498	475363.09	3858877.25	0.03059	0.04464	0.032	4.55E-04	3.15E-06	8.33E-04	0.001291	4.65E-04	3.10E-06	9.26E-04	0.001394	4.42E-04	3.94E-06	1.78E-03	2.22E-03
4499	475863.09	3858877.25	0.03427	0.05313	0.03832	5.10E-04	3.75E-06	9.97E-04	0.001511	5.21E-04	3.69E-06	1.11E-03	0.001634	4.95E-04	4.69E-06	2.13E-03	2.63E-03
4500	476363.09	3858877.25	0.02503	0.0329	0.02655	3.73E-04	2.32E-06	6.91E-04	0.001066	3.81E-04	2.29E-06	7.68E-04	0.001151	3.62E-04	2.90E-06	1.48E-03	1.84E-03
4501	476863.09	3858877.25	0.02964	0.04113	0.03147	4.41E-04	2.90E-06	8.19E-04	0.001263	4.51E-04	2.86E-06	9.11E-04	0.001364	4.28E-04	3.63E-06	1.75E-03	2.18E-03
4502	477363.09	3858877.25	0.03131	0.04461	0.03396	4.66E-04	3.15E-06	8.83E-04	0.001353	4.76E-04	3.10E-06	9.83E-04	0.001462	4.52E-04	3.94E-06	1.89E-03	2.34E-03
4503	477863.09	3858877.25	0.03988	0.04969	0.04137	5.94E-04	3.51E-06	1.08E-03	0.001673	6.07E-04	3.45E-06	1.20E-03	0.001807	5.76E-04	4.38E-06	2.30E-03	2.88E-03
4504	478363.09	3858877.25	0.08165	0.10385	0.0825	1.22E-03	7.33E-06	2.15E-03	0.003369	1.24E-03	7.22E-06	2.39E-03	0.003636	1.18E-03	9.16E-06	4.58E-03	5.77E-03
4505	478863.09	3858877.25	0.07004	0.08549	0.07292	1.04E-03	6.04E-06	1.90E-03	0.002946	1.07E-03	5.94E-06	2.11E-03	0.003181	1.01E-03	7.54E-06	4.05E-03	5.07E-03
4506	479363.09	3858877.25	0.05606	0.06287	0.05685	8.34E-04	4.44E-06	1.48E-03	0.002318	8.53E-04	4.37E-06	1.65E-03	0.002502	8.10E-04	5.55E-06	3.16E-03	3.97E-03
4507	479863.09	3858877.25	0.27832	0.36412	0.30421	4.14E-03	2.57E-05	7.91E-03	0.012083	4.23E-03	2.53E-05	8.80E-03	0.013061	4.02E-03	3.21E-05	1.69E-02	2.10E-02
4508	480363.09	3858877.25	0.31856	0.41522	0.35684	4.74E-03	2.93E-05	9.28E-03	0.014055	4.84E-03	2.89E-05	1.03E-02	0.0152	4.60E-03	3.66E-05	1.98E-02	2.45E-02

4509	480863.09	3858877.25	0.35748	0.40742	0.39635	5.32E-03	2.88E-05	1.03E-02	0.015661	5.44E-03	2.83E-05	1.15E-02	0.016934	5.17E-03	3.59E-05	2.20E-02	2.72E-02
4510	481363.09	3858877.25	0.39045	0.49542	0.42733	5.81E-03	3.50E-05	1.11E-02	0.016964	5.94E-03	3.44E-05	1.24E-02	0.018338	5.64E-03	4.37E-05	2.37E-02	2.94E-02
4511	481863.09	3858877.25	0.43186	0.57059	0.47199	6.43E-03	4.03E-05	1.23E-02	0.018748	6.57E-03	3.97E-05	1.37E-02	0.020266	6.24E-03	5.03E-05	2.62E-02	3.25E-02
4512	482363.09	3858877.25	0.4769	0.5526	0.49774	7.10E-03	3.90E-05	1.29E-02	0.020087	7.25E-03	3.84E-05	1.44E-02	0.021695	6.89E-03	4.88E-05	2.77E-02	3.46E-02
4513	482863.09	3858877.25	0.52832	0.62839	0.5473	7.86E-03	4.44E-05	1.42E-02	0.022147	8.04E-03	4.37E-05	1.58E-02	0.023916	7.63E-03	5.54E-05	3.04E-02	3.81E-02
4514	483363.09	3858877.25	0.56631	0.62289	0.58277	8.43E-03	4.40E-05	1.52E-02	0.023635	8.61E-03	4.33E-05	1.69E-02	0.02552	8.18E-03	5.50E-05	3.24E-02	4.06E-02
4515	483863.09	3858877.25	0.59095	0.64365	0.60429	8.80E-03	4.54E-05	1.57E-02	0.024563	8.99E-03	4.47E-05	1.75E-02	0.026519	8.54E-03	5.68E-05	3.36E-02	4.22E-02
4516	484363.09	3858877.25	0.62644	0.65887	0.63356	9.32E-03	4.65E-05	1.65E-02	0.025854	9.53E-03	4.58E-05	1.83E-02	0.027907	9.05E-03	5.81E-05	3.52E-02	4.43E-02
4517	484863.09	3858877.25	0.671	0.74319	0.67533	9.99E-03	5.25E-05	1.76E-02	0.027609	1.02E-02	5.17E-05	1.95E-02	0.029799	9.70E-03	6.56E-05	3.75E-02	4.73E-02
4518	485363.09	3858877.25	0.71241	0.73999	0.72422	1.06E-02	5.22E-05	1.88E-02	0.029498	1.08E-02	5.14E-05	2.10E-02	0.031843	1.03E-02	6.53E-05	4.02E-02	5.06E-02
4519	485863.09	3858877.25	0.7698	0.90467	0.7815	1.15E-02	6.39E-05	2.03E-02	0.031854	1.17E-02	6.29E-05	2.26E-02	0.034385	1.11E-02	7.98E-05	4.34E-02	5.46E-02
4520	486363.09	3858877.25	0.82934	1.00432	0.83334	1.23E-02	7.09E-05	2.17E-02	0.034096	1.26E-02	6.98E-05	2.41E-02	0.036798	1.20E-02	8.86E-05	4.63E-02	5.84E-02
4521	486863.09	3858877.25	0.92183	0.9039	0.92113	1.37E-02	6.38E-05	2.40E-02	0.037749	1.40E-02	6.28E-05	2.67E-02	0.040738	1.33E-02	7.98E-05	5.12E-02	6.46E-02
4522	487363.09	3858877.25	1.08658	0.90921	1.09105	1.62E-02	6.42E-05	2.84E-02	0.044622	1.65E-02	6.32E-05	3.16E-02	0.048161	1.57E-02	8.02E-05	6.06E-02	7.64E-02
4523	487863.09	3858877.25	1.2397	0.9619	1.19961	1.85E-02	6.79E-05	3.12E-02	0.04973	1.89E-02	6.69E-05	3.47E-02	0.053635	1.79E-02	8.49E-05	6.67E-02	8.47E-02
4524	488363.09	3858877.25	1.55576	1.01112	1.41181	2.32E-02	7.14E-05	3.67E-02	0.059958	2.37E-02	7.03E-05	4.09E-02	0.064585	2.25E-02	8.92E-05	7.84E-02	1.01E-01
4525	488863.09	3858877.25	2.9196	0.92495	1.33237	4.35E-02	6.53E-05	3.47E-02	0.078186	4.44E-02	6.43E-05	3.86E-02	0.083023	4.22E-02	8.16E-05	7.40E-02	1.16E-01
4526	489363.09	3858877.25	1.18787	0.8466	1.12769	1.77E-02	5.98E-05	2.93E-02	0.047079	1.81E-02	5.88E-05	3.26E-02	0.050757	1.72E-02	7.47E-05	6.27E-02	7.99E-02
4527	489863.09	3858877.25	0.9035	0.71362	0.92613	1.34E-02	5.04E-05	2.41E-02	0.037593	1.37E-02	4.96E-05	2.68E-02	0.04059	1.31E-02	6.30E-05	5.15E-02	6.46E-02
4528	490363.09	3858877.25	0.75232	0.64653	0.81041	1.12E-02	4.57E-05	2.11E-02	0.032327	1.14E-02	4.49E-05	2.35E-02	0.034938	1.09E-02	5.70E-05	4.50E-02	5.60E-02
4529	490863.09	3858877.25	0.61585	0.59727	0.6804	9.17E-03	4.22E-05	1.77E-02	0.02691	9.37E-03	4.15E-05	1.97E-02	0.029097	8.90E-03	5.27E-05	3.78E-02	4.68E-02
4530	491363.09	3858877.25	0.44428	0.4788	0.494	6.61E-03	3.38E-05	1.29E-02	0.019499	6.76E-03	3.33E-05	1.43E-02	0.021085	6.42E-03	4.22E-05	2.74E-02	3.39E-02
4531	491863.09	3858877.25	0.26386	0.2809	0.27716	3.93E-03	1.98E-05	7.21E-03	0.011158	4.01E-03	1.95E-05	8.02E-03	0.012053	3.81E-03	2.48E-05	1.54E-02	1.92E-02
4532	492363.09	3858877.25	0.31109	0.32403	0.34099	4.63E-03	2.29E-05	8.87E-03	0.013525	4.73E-03	2.25E-05	9.87E-03	0.014621	4.50E-03	2.86E-05	1.89E-02	2.35E-02
4533	492863.09	3858877.25	0.35834	0.39042	0.39204	5.33E-03	2.76E-05	1.02E-02	0.015561	5.45E-03	2.71E-05	1.13E-02	0.016822	5.18E-03	3.44E-05	2.18E-02	2.70E-02
4534	493363.09	3858877.25	0.29922	0.34501	0.3307	4.45E-03	2.44E-05	8.60E-03	0.013082	4.55E-03	2.40E-05	9.57E-03	0.014144	4.32E-03	3.04E-05	1.84E-02	2.27E-02
4535	493863.09	3858877.25	0.21601	0.22485	0.23446	3.22E-03	1.59E-05	6.10E-03	0.009331	3.29E-03	1.56E-05	6.78E-03	0.010086	3.12E-03	1.98E-05	1.30E-02	1.62E-02
4536	494363.09	3858877.25	0.19138	0.20694	0.20426	2.85E-03	1.46E-05	5.31E-03	0.008177	2.91E-03	1.44E-05	5.91E-03	0.008836	2.77E-03	1.83E-05	1.13E-02	1.41E-02
4537	494863.09	3858877.25	0.16369	0.17236	0.17587	2.44E-03	1.22E-05	4.58E-03	0.007024	2.49E-03	1.20E-05	5.09E-03	0.007591	2.37E-03	1.52E-05	9.77E-03	1.22E-02
4538	495363.09	3858877.25	0.14402	0.14548	0.15408	2.14E-03	1.03E-05	4.01E-03	0.006163	2.19E-03	1.01E-05	4.46E-03	0.006659	2.08E-03	1.28E-05	8.56E-03	1.07E-02
4539	495863.09	3858877.25	0.13321	0.1408	0.14101	1.98E-03	9.94E-06	3.67E-03	0.005661	2.03E-03	9.79E-06	4.08E-03	0.006116	1.92E-03	1.24E-05	7.84E-03	9.77E-03
4540	496363.09	3858877.25	0.13078	0.14148	0.1379	1.95E-03	9.99E-06	3.59E-03	0.005544	1.99E-03	9.83E-06	3.99E-03	0.005989	1.89E-03	1.25E-05	7.66E-03	9.56E-03
4541	496863.09	3858877.25	0.12812	0.1414	0.13515	1.91E-03	9.98E-06	3.52E-03	0.005433	1.95E-03	9.83E-06	3.91E-03	0.005869	1.85E-03	1.25E-05	7.51E-03	9.37E-03
4542	497363.09	3858877.25	0.1262	0.13572	0.1327	1.88E-03	9.58E-06	3.45E-03	0.00534	1.92E-03	9.43E-06	3.84E-03	0.005769	1.82E-03	1.20E-05	7.37E-03	9.21E-03
4543	497863.09	3858877.25	0.15139	0.16623	0.1611	2.25E-03	1.17E-05	4.19E-03	0.006456	2.30E-03	1.16E-05	4.66E-03	0.006976	2.19E-03	1.47E-05	8.95E-03	1.12E-02
4544	498363.09	3858877.25	0.17698	0.202	0.19405	2.63E-03	1.43E-05	5.05E-03	0.007697	2.69E-03	1.40E-05	5.62E-03	0.008321	2.56E-03	1.78E-05	1.08E-02	1.34E-02
4545	471363.09	3859377.25	0.08404	0.13976	0.09125	1.25E-03	9.87E-06	2.37E-03	0.003635	1.28E-03	9.71E-06	2.64E-03	0.003928	1.21E-03	1.23E-05	5.07E-03	6.30E-03
4546	471863.09	3859377.25	0.08826	0.1524	0.09372	1.31E-03	1.08E-05	2.44E-03	0.003763	1.34E-03	1.06E-05	2.71E-03	0.004065	1.28E-03	1.34E-05	5.21E-03	6.50E-03
4547	472363.09	3859377.25	0.094	0.1681	0.1002	1.40E-03	1.19E-05	2.61E-03	0.004018	1.43E-03	1.17E-05	2.90E-03	0.004341	1.36E-03	1.48E-05	5.57E-03	6.94E-03
4548	472863.09	3859377.25	0.09826	0.15677	0.10647	1.46E-03	1.11E-05	2.77E-03	0.004244	1.49E-03	1.09E-05	3.08E-03	0.004586	1.42E-03	1.38E-05	5.92E-03	7.35E-03
4549	473363.09	3859377.25	0.1059	0.164	0.11491	1.58E-03	1.16E-05	2.99E-03	0.004577	1.61E-03	1.14E-05	3.33E-03	0.004947	1.53E-03	1.45E-05	6.39E-03	7.93E-03
4550	473863.09	3859377.25	0.11293	0.18116	0.12161	1.68E-03	1.28E-05	3.16E-03	0.004858	1.72E-03	1.26E-05	3.52E-03	0.005249	1.63E-03	1.60E-05	6.76E-03	8.41E-03
4551	474363.09	3859377.25	0.09701	0.15586	0.10681	1.44E-03	1.10E-05	2.78E-03	0.004234	1.48E-03	1.08E-05	3.09E-03	0.004577	1.40E-03	1.38E-05	5.94E-03	7.35E-03
4552	474863.09	3859377.25	0.06433	0.10443	0.06823	9.58E-04	7.37E-06	1.78E-03	0.00274	9.78E-04	7.26E-06	1.97E-03	0.00296	9.30E-04	9.21E-06	3.79E-03	4.73E-03
4553	475363.09	3859377.25	0.04131	0.05725	0.04381	6.15E-04	4.04E-06	1.14E-03	0.001759	6.28E-04	3.98E-06	1.27E-03	0.0019	5.97E-04	5.05E-06	2.43E-03	3.04E-03
4554	475863.09	3859377.25	0.0278	0.03777	0.02936	4.14E-04	2.67E-06	7.64E-04	0.00118	4.23E-04	2.63E-06	8.50E-04	0.001275	4.02E-04	3.33E-06	1.63E-03	2.04E-03
4555	476363.09	3859377.25	0.02628	0.03767	0.02808	3.91E-04	2.66E-06	7.31E-04	0.001124	4.00E-04	2.62E-06	8.13E-04	0.001215	3.80E-04	3.32E-06	1.56E-03	1.94E-03

4556	476863.09	3859377.25	0.02394	0.03228	0.02497	3.56E-04	2.28E-06	6.50E-04	0.001008	3.64E-04	2.24E-06	7.23E-04	0.001089	3.46E-04	2.85E-06	1.39E-03	1.74E-03
4557	477363.09	3859377.25	0.02608	0.03322	0.02677	3.88E-04	2.35E-06	6.96E-04	0.001087	3.97E-04	2.31E-06	7.75E-04	0.001174	3.77E-04	2.93E-06	1.49E-03	1.87E-03
4558	477863.09	3859377.25	0.04549	0.05707	0.04595	6.77E-04	4.03E-06	1.20E-03	0.001877	6.92E-04	3.97E-06	1.33E-03	0.002025	6.57E-04	5.04E-06	2.55E-03	3.22E-03
4559	478363.09	3859377.25	0.07215	0.08771	0.07285	1.07E-03	6.19E-06	1.90E-03	0.002975	1.10E-03	6.10E-06	2.11E-03	0.003211	1.04E-03	7.74E-06	4.05E-03	5.10E-03
4560	478863.09	3859377.25	0.1213	0.14989	0.12566	1.81E-03	1.06E-05	3.27E-03	0.005085	1.84E-03	1.04E-05	3.64E-03	0.005492	1.75E-03	1.32E-05	6.98E-03	8.75E-03
4561	479363.09	3859377.25	0.18753	0.22947	0.19617	2.79E-03	1.62E-05	5.10E-03	0.007911	2.85E-03	1.59E-05	5.68E-03	0.008545	2.71E-03	2.02E-05	1.09E-02	1.36E-02
4562	479863.09	3859377.25	0.24902	0.33558	0.26509	3.71E-03	2.37E-05	6.90E-03	0.010627	3.79E-03	2.33E-05	7.67E-03	0.011482	3.60E-03	2.96E-05	1.47E-02	1.84E-02
4563	480363.09	3859377.25	0.29893	0.37338	0.32685	4.45E-03	2.64E-05	8.50E-03	0.012979	4.55E-03	2.60E-05	9.46E-03	0.01403	4.32E-03	3.29E-05	1.82E-02	2.25E-02
4564	480863.09	3859377.25	0.3297	0.43395	0.35621	4.91E-03	3.06E-05	9.27E-03	0.014205	5.01E-03	3.02E-05	1.03E-02	0.015352	4.76E-03	3.83E-05	1.98E-02	2.46E-02
4565	481363.09	3859377.25	0.35537	0.49585	0.38813	5.29E-03	3.50E-05	1.01E-02	0.015422	5.40E-03	3.45E-05	1.12E-02	0.016671	5.14E-03	4.38E-05	2.16E-02	2.67E-02
4566	481863.09	3859377.25	0.39501	0.47337	0.42442	5.88E-03	3.34E-05	1.10E-02	0.016955	6.01E-03	3.29E-05	1.23E-02	0.018322	5.71E-03	4.18E-05	2.36E-02	2.93E-02
4567	482363.09	3859377.25	0.4217	0.50745	0.44331	6.28E-03	3.58E-05	1.15E-02	0.017846	6.41E-03	3.53E-05	1.28E-02	0.019277	6.09E-03	4.48E-05	2.46E-02	3.08E-02
4568	482863.09	3859377.25	0.44581	0.59708	0.47301	6.64E-03	4.22E-05	1.23E-02	0.018984	6.78E-03	4.15E-05	1.37E-02	0.020509	6.44E-03	5.27E-05	2.63E-02	3.28E-02
4569	483363.09	3859377.25	0.46528	0.4938	0.49679	6.93E-03	3.49E-05	1.29E-02	0.019885	7.08E-03	3.43E-05	1.44E-02	0.021486	6.72E-03	4.36E-05	2.76E-02	3.44E-02
4570	483863.09	3859377.25	0.47145	0.50494	0.50784	7.02E-03	3.57E-05	1.32E-02	0.020265	7.17E-03	3.51E-05	1.47E-02	0.021901	6.81E-03	4.46E-05	2.82E-02	3.51E-02
4571	484363.09	3859377.25	0.51748	0.50534	0.52599	7.70E-03	3.57E-05	1.37E-02	0.021422	7.87E-03	3.51E-05	1.52E-02	0.023126	7.48E-03	4.46E-05	2.92E-02	3.67E-02
4572	484863.09	3859377.25	0.53854	0.60147	0.54336	8.02E-03	4.25E-05	1.41E-02	0.022195	8.19E-03	4.18E-05	1.57E-02	0.023956	7.78E-03	5.31E-05	3.02E-02	3.80E-02
4573	485363.09	3859377.25	0.54776	0.66128	0.55107	8.15E-03	4.67E-05	1.43E-02	0.022537	8.33E-03	4.60E-05	1.59E-02	0.024323	7.92E-03	5.83E-05	3.06E-02	3.86E-02
4574	485863.09	3859377.25	0.55983	0.63982	0.56867	8.33E-03	4.52E-05	1.48E-02	0.023173	8.51E-03	4.45E-05	1.65E-02	0.025015	8.09E-03	5.65E-05	3.16E-02	3.97E-02
4575	486363.09	3859377.25	0.59006	0.7204	0.5891	8.78E-03	5.09E-05	1.53E-02	0.02416	8.97E-03	5.01E-05	1.70E-02	0.026071	8.53E-03	6.36E-05	3.27E-02	4.13E-02
4576	486863.09	3859377.25	0.62417	0.65401	0.63819	9.29E-03	4.62E-05	1.66E-02	0.02594	9.49E-03	4.55E-05	1.85E-02	0.028006	9.02E-03	5.77E-05	3.55E-02	4.45E-02
4577	487363.09	3859377.25	0.67362	0.65047	0.70071	1.00E-02	4.59E-05	1.82E-02	0.028302	1.02E-02	4.52E-05	2.03E-02	0.030567	9.73E-03	5.74E-05	3.89E-02	4.87E-02
4578	487863.09	3859377.25	0.75364	0.67965	0.79036	1.12E-02	4.80E-05	2.06E-02	0.031828	1.15E-02	4.72E-05	2.29E-02	0.03438	1.09E-02	6.00E-05	4.39E-02	5.49E-02
4579	488363.09	3859377.25	0.77879	0.67924	0.84682	1.16E-02	4.80E-05	2.20E-02	0.033671	1.18E-02	4.72E-05	2.45E-02	0.036396	1.13E-02	5.99E-05	4.71E-02	5.84E-02
4580	488863.09	3859377.25	0.87997	0.77334	0.92794	1.31E-02	5.46E-05	2.41E-02	0.037294	1.34E-02	5.37E-05	2.69E-02	0.040289	1.27E-02	6.82E-05	5.16E-02	6.43E-02
4581	489363.09	3859377.25	0.86525	0.68048	0.88315	1.29E-02	4.80E-05	2.30E-02	0.035903	1.32E-02	4.73E-05	2.56E-02	0.038763	1.25E-02	6.00E-05	4.91E-02	6.16E-02
4582	489863.09	3859377.25	0.77693	0.63798	0.8414	1.16E-02	4.50E-05	2.19E-02	0.033499	1.18E-02	4.43E-05	2.43E-02	0.036208	1.12E-02	5.63E-05	4.68E-02	5.80E-02
4583	490363.09	3859377.25	0.65823	0.5965	0.73212	9.80E-03	4.21E-05	1.90E-02	0.028886	1.00E-02	4.15E-05	2.12E-02	0.031238	9.51E-03	5.26E-05	4.07E-02	5.02E-02
4584	490863.09	3859377.25	0.5878	0.54859	0.64962	8.75E-03	3.87E-05	1.69E-02	0.025688	8.94E-03	3.81E-05	1.88E-02	0.027776	8.49E-03	4.84E-05	3.61E-02	4.46E-02
4585	491363.09	3859377.25	0.3995	0.40934	0.46085	5.95E-03	2.89E-05	1.20E-02	0.017965	6.08E-03	2.85E-05	1.33E-02	0.01944	5.77E-03	3.61E-05	2.56E-02	3.14E-02
4586	491863.09	3859377.25	0.43762	0.45986	0.50014	6.51E-03	3.25E-05	1.30E-02	0.019558	6.66E-03	3.20E-05	1.45E-02	0.02116	6.32E-03	4.06E-05	2.78E-02	3.42E-02
4587	492363.09	3859377.25	0.39252	0.4143	0.44077	5.84E-03	2.93E-05	1.15E-02	0.017339	5.97E-03	2.88E-05	1.28E-02	0.018753	5.67E-03	3.66E-05	2.45E-02	3.02E-02
4588	492863.09	3859377.25	0.36604	0.38967	0.40965	5.45E-03	2.75E-05	1.07E-02	0.016133	5.57E-03	2.71E-05	1.19E-02	0.017448	5.29E-03	3.44E-05	2.28E-02	2.81E-02
4589	493363.09	3859377.25	0.32035	0.32585	0.35067	4.77E-03	2.30E-05	9.12E-03	0.013914	4.87E-03	2.26E-05	1.01E-02	0.015042	4.63E-03	2.88E-05	1.95E-02	2.41E-02
4590	493863.09	3859377.25	0.30216	0.31961	0.32709	4.50E-03	2.26E-05	8.51E-03	0.01303	4.60E-03	2.22E-05	9.47E-03	0.014083	4.37E-03	2.82E-05	1.82E-02	2.26E-02
4591	494363.09	3859377.25	0.27108	0.30072	0.3027	4.03E-03	2.12E-05	7.88E-03	0.011931	4.12E-03	2.09E-05	8.76E-03	0.012903	3.92E-03	2.65E-05	1.68E-02	2.08E-02
4592	494863.09	3859377.25	0.21494	0.251	0.2358	3.20E-03	1.77E-05	6.13E-03	0.009352	3.27E-03	1.74E-05	6.82E-03	0.01011	3.11E-03	2.21E-05	1.31E-02	1.62E-02
4593	495363.09	3859377.25	0.19791	0.21961	0.22412	2.95E-03	1.55E-05	5.83E-03	0.008792	3.01E-03	1.53E-05	6.49E-03	0.009511	2.86E-03	1.94E-05	1.25E-02	1.53E-02
4594	495863.09	3859377.25	0.18017	0.2022	0.20246	2.68E-03	1.43E-05	5.27E-03	0.007963	2.74E-03	1.41E-05	5.86E-03	0.008613	2.60E-03	1.78E-05	1.12E-02	1.39E-02
4595	496363.09	3859377.25	0.1832	0.20288	0.19863	2.73E-03	1.43E-05	5.17E-03	0.007909	2.79E-03	1.41E-05	5.75E-03	0.008548	2.65E-03	1.79E-05	1.10E-02	1.37E-02
4596	496863.09	3859377.25	0.15717	0.16939	0.16943	2.34E-03	1.20E-05	4.41E-03	0.006759	2.39E-03	1.18E-05	4.90E-03	0.007305	2.27E-03	1.49E-05	9.41E-03	1.17E-02
4597	497363.09	3859377.25	0.1693	0.18406	0.18735	2.52E-03	1.30E-05	4.87E-03	0.007407	2.57E-03	1.28E-05	5.42E-03	0.008009	2.45E-03	1.62E-05	1.04E-02	1.29E-02
4598	497863.09	3859377.25	0.18737	0.21273	0.20829	2.79E-03	1.50E-05	5.42E-03	0.008223	2.85E-03	1.48E-05	6.03E-03	0.008892	2.71E-03	1.88E-05	1.16E-02	1.43E-02
4599	498363.09	3859377.25	0.19579	0.22197	0.21636	2.91E-03	1.57E-05	5.63E-03	0.008559	2.98E-03	1.54E-05	6.26E-03	0.009254	2.83E-03	1.96E-05	1.20E-02	1.49E-02
4600	471363.09	3859877.25	0.08768	0.14024	0.09741	1.31E-03	9.90E-06	2.53E-03	0.003849	1.33E-03	9.75E-06	2.82E-03	0.004162	1.27E-03	1.24E-05	5.41E-03	6.69E-03
4601	471863.09	3859877.25	0.09193	0.14123	0.10084	1.37E-03	9.97E-06	2.62E-03	0.004002	1.40E-03	9.82E-06	2.92E-03	0.004326	1.33E-03	1.25E-05	5.60E-03	6.94E-03
4602	472363.09	3859877.25	0.09351	0.14713	0.10442	1.39E-03	1.04E-05	2.72E-03	0.004119	1.42E-03	1.02E-05	3.02E-03	0.004454	1.35E-03	1.30E-05	5.80E-03	7.17E-03

4603	472863.09	3859877.25	0.1026	0.16881	0.11081	1.53E-03	1.19E-05	2.88E-03	0.004422	1.56E-03	1.17E-05	3.21E-03	0.004779	1.48E-03	1.49E-05	6.16E-03	7.65E-03
4604	473363.09	3859877.25	0.11065	0.17853	0.12175	1.65E-03	1.26E-05	3.17E-03	0.004827	1.68E-03	1.24E-05	3.52E-03	0.005218	1.60E-03	1.58E-05	6.77E-03	8.38E-03
4605	473863.09	3859877.25	0.11971	0.2147	0.13087	1.78E-03	1.52E-05	3.40E-03	0.005202	1.82E-03	1.49E-05	3.79E-03	0.005623	1.73E-03	1.89E-05	7.27E-03	9.02E-03
4606	474363.09	3859877.25	0.11372	0.20138	0.12085	1.69E-03	1.42E-05	3.14E-03	0.004851	1.73E-03	1.40E-05	3.50E-03	0.005241	1.64E-03	1.78E-05	6.72E-03	8.38E-03
4607	474863.09	3859877.25	0.0928	0.14317	0.0938	1.38E-03	1.01E-05	2.44E-03	0.003832	1.41E-03	9.95E-06	2.71E-03	0.004136	1.34E-03	1.26E-05	5.21E-03	6.57E-03
4608	475363.09	3859877.25	0.05059	0.07341	0.05245	7.53E-04	5.18E-06	1.36E-03	0.002123	7.69E-04	5.10E-06	1.52E-03	0.002292	7.31E-04	6.48E-06	2.91E-03	3.65E-03
4609	475863.09	3859877.25	0.02788	0.03967	0.02892	4.15E-04	2.80E-06	7.52E-04	0.00117	4.24E-04	2.76E-06	8.37E-04	0.001264	4.03E-04	3.50E-06	1.61E-03	2.01E-03
4610	476363.09	3859877.25	0.01937	0.02547	0.02091	2.88E-04	1.80E-06	5.44E-04	0.000834	2.95E-04	1.77E-06	6.05E-04	0.000901	2.80E-04	2.25E-06	1.16E-03	1.44E-03
4611	476863.09	3859877.25	0.02186	0.03151	0.02376	3.25E-04	2.22E-06	6.18E-04	0.000946	3.32E-04	2.19E-06	6.88E-04	0.001022	3.16E-04	2.78E-06	1.32E-03	1.64E-03
4612	477363.09	3859877.25	0.02355	0.03045	0.02525	3.51E-04	2.15E-06	6.57E-04	0.00101	3.58E-04	2.12E-06	7.31E-04	0.001091	3.40E-04	2.69E-06	1.40E-03	1.75E-03
4613	477863.09	3859877.25	0.03968	0.0497	0.04285	5.91E-04	3.51E-06	1.11E-03	0.001709	6.03E-04	3.45E-06	1.24E-03	0.001847	5.73E-04	4.39E-06	2.38E-03	2.96E-03
4614	478363.09	3859877.25	0.07144	0.08873	0.07162	1.06E-03	6.27E-06	1.86E-03	0.002933	1.09E-03	6.17E-06	2.07E-03	0.003165	1.03E-03	7.83E-06	3.98E-03	5.02E-03
4615	478863.09	3859877.25	0.12173	0.16118	0.12995	1.81E-03	1.14E-05	3.38E-03	0.005204	1.85E-03	1.12E-05	3.76E-03	0.005623	1.76E-03	1.42E-05	7.22E-03	8.99E-03
4616	479363.09	3859877.25	0.19789	0.26199	0.20598	2.95E-03	1.85E-05	5.36E-03	0.008323	3.01E-03	1.82E-05	5.96E-03	0.008988	2.86E-03	2.31E-05	1.14E-02	1.43E-02
4617	479863.09	3859877.25	0.25061	0.33908	0.26642	3.73E-03	2.39E-05	6.93E-03	0.010685	3.81E-03	2.36E-05	7.71E-03	0.011545	3.62E-03	2.99E-05	1.48E-02	1.85E-02
4618	480363.09	3859877.25	0.28532	0.36961	0.3056	4.25E-03	2.61E-05	7.95E-03	0.012223	4.34E-03	2.57E-05	8.84E-03	0.013208	4.12E-03	3.26E-05	1.70E-02	2.11E-02
4619	480863.09	3859877.25	0.30276	0.4014	0.32377	4.51E-03	2.83E-05	8.42E-03	0.012958	4.60E-03	2.79E-05	9.37E-03	0.014002	4.37E-03	3.54E-05	1.80E-02	2.24E-02
4620	481363.09	3859877.25	0.32729	0.43946	0.35084	4.87E-03	3.10E-05	9.13E-03	0.01403	4.98E-03	3.05E-05	1.02E-02	0.015161	4.73E-03	3.88E-05	1.95E-02	2.43E-02
4621	481863.09	3859877.25	0.34336	0.4125	0.37082	5.11E-03	2.91E-05	9.65E-03	0.014787	5.22E-03	2.87E-05	1.07E-02	0.015981	4.96E-03	3.64E-05	2.06E-02	2.56E-02
4622	482363.09	3859877.25	0.35824	0.46617	0.39036	5.33E-03	3.29E-05	1.02E-02	0.015521	5.45E-03	3.24E-05	1.13E-02	0.016777	5.18E-03	4.11E-05	2.17E-02	2.69E-02
4623	482863.09	3859877.25	0.37016	0.45135	0.40608	5.51E-03	3.19E-05	1.06E-02	0.016106	5.63E-03	3.14E-05	1.18E-02	0.017412	5.35E-03	3.98E-05	2.26E-02	2.80E-02
4624	483363.09	3859877.25	0.38323	0.4403	0.41663	5.70E-03	3.11E-05	1.08E-02	0.016574	5.83E-03	3.06E-05	1.21E-02	0.017915	5.54E-03	3.88E-05	2.32E-02	2.87E-02
4625	483863.09	3859877.25	0.38968	0.44677	0.42547	5.80E-03	3.15E-05	1.11E-02	0.016901	5.93E-03	3.11E-05	1.23E-02	0.01827	5.63E-03	3.94E-05	2.36E-02	2.93E-02
4626	484363.09	3859877.25	0.41429	0.43926	0.42371	6.17E-03	3.10E-05	1.10E-02	0.017221	6.30E-03	3.05E-05	1.23E-02	0.018592	5.99E-03	3.88E-05	2.35E-02	2.96E-02
4627	484863.09	3859877.25	0.42462	0.47996	0.42604	6.32E-03	3.39E-05	1.11E-02	0.017438	6.46E-03	3.34E-05	1.23E-02	0.01882	6.14E-03	4.23E-05	2.37E-02	2.99E-02
4628	485363.09	3859877.25	0.42143	0.51435	0.43673	6.27E-03	3.63E-05	1.14E-02	0.017671	6.41E-03	3.57E-05	1.26E-02	0.019083	6.09E-03	4.54E-05	2.43E-02	3.04E-02
4629	485863.09	3859877.25	0.42553	0.51042	0.45202	6.33E-03	3.60E-05	1.18E-02	0.01813	6.47E-03	3.55E-05	1.31E-02	0.019588	6.15E-03	4.50E-05	2.51E-02	3.13E-02
4630	486363.09	3859877.25	0.44137	0.54622	0.44946	6.57E-03	3.86E-05	1.17E-02	0.018301	6.71E-03	3.80E-05	1.30E-02	0.019757	6.38E-03	4.82E-05	2.50E-02	3.14E-02
4631	486863.09	3859877.25	0.45162	0.52322	0.48615	6.72E-03	3.69E-05	1.26E-02	0.019407	6.87E-03	3.64E-05	1.41E-02	0.020973	6.53E-03	4.62E-05	2.70E-02	3.36E-02
4632	487363.09	3859877.25	0.49695	0.51849	0.54055	7.40E-03	3.66E-05	1.41E-02	0.021496	7.56E-03	3.60E-05	1.56E-02	0.023236	7.18E-03	4.57E-05	3.00E-02	3.73E-02
4633	487863.09	3859877.25	0.53866	0.49479	0.57624	8.02E-03	3.49E-05	1.50E-02	0.023044	8.19E-03	3.44E-05	1.67E-02	0.024902	7.78E-03	4.37E-05	3.20E-02	3.98E-02
4634	488363.09	3859877.25	0.55691	0.50248	0.60998	8.29E-03	3.55E-05	1.59E-02	0.024194	8.47E-03	3.49E-05	1.77E-02	0.026156	8.05E-03	4.43E-05	3.39E-02	4.20E-02
4635	488863.09	3859877.25	0.59208	0.55833	0.66628	8.81E-03	3.94E-05	1.73E-02	0.026186	9.00E-03	3.88E-05	1.93E-02	0.028324	8.56E-03	4.93E-05	3.70E-02	4.56E-02
4636	489363.09	3859877.25	0.62996	0.61013	0.71523	9.38E-03	4.31E-05	1.86E-02	0.028027	9.58E-03	4.24E-05	2.07E-02	0.03032	9.10E-03	5.38E-05	3.97E-02	4.89E-02
4637	489863.09	3859877.25	0.59006	0.52812	0.65819	8.78E-03	3.73E-05	1.71E-02	0.025944	8.97E-03	3.67E-05	1.90E-02	0.028057	8.53E-03	4.66E-05	3.66E-02	4.51E-02
4638	490363.09	3859877.25	0.54967	0.48504	0.60729	8.18E-03	3.42E-05	1.58E-02	0.024015	8.36E-03	3.37E-05	1.76E-02	0.025967	7.94E-03	4.28E-05	3.37E-02	4.17E-02
4639	490863.09	3859877.25	0.53302	0.48783	0.59487	7.93E-03	3.44E-05	1.55E-02	0.023444	8.11E-03	3.39E-05	1.72E-02	0.025354	7.70E-03	4.30E-05	3.31E-02	4.08E-02
4640	491363.09	3859877.25	0.47087	0.45274	0.53955	7.01E-03	3.20E-05	1.40E-02	0.021078	7.16E-03	3.15E-05	1.56E-02	0.022806	6.80E-03	3.99E-05	3.00E-02	3.68E-02
4641	491863.09	3859877.25	0.43186	0.40901	0.48215	6.43E-03	2.89E-05	1.25E-02	0.019001	6.57E-03	2.84E-05	1.40E-02	0.020549	6.24E-03	3.61E-05	2.68E-02	3.31E-02
4642	492363.09	3859877.25	0.39977	0.37936	0.44344	5.95E-03	2.68E-05	1.15E-02	0.017514	6.08E-03	2.64E-05	1.28E-02	0.018938	5.78E-03	3.35E-05	2.46E-02	3.05E-02
4643	492863.09	3859877.25	0.36196	0.38095	0.4191	5.39E-03	2.69E-05	1.09E-02	0.016318	5.50E-03	2.65E-05	1.21E-02	0.017659	5.23E-03	3.36E-05	2.33E-02	2.86E-02
4644	493363.09	3859877.25	0.33404	0.34565	0.36834	4.97E-03	2.44E-05	9.58E-03	0.014579	5.08E-03	2.40E-05	1.07E-02	0.015763	4.83E-03	3.05E-05	2.05E-02	2.53E-02
4645	493863.09	3859877.25	0.30659	0.3162	0.34034	4.56E-03	2.23E-05	8.85E-03	0.01344	4.66E-03	2.20E-05	9.85E-03	0.014533	4.43E-03	2.79E-05	1.89E-02	2.34E-02
4646	494363.09	3859877.25	0.28971	0.28666	0.32097	4.31E-03	2.02E-05	8.35E-03	0.012683	4.41E-03	1.99E-05	9.29E-03	0.013714	4.19E-03	2.53E-05	1.78E-02	2.20E-02
4647	494863.09	3859877.25	0.27348	0.27784	0.29992	4.07E-03	1.96E-05	7.80E-03	0.011893	4.16E-03	1.93E-05	8.68E-03	0.012857	3.95E-03	2.45E-05	1.67E-02	2.06E-02
4648	495363.09	3859877.25	0.24937	0.26789	0.27413	3.71E-03	1.89E-05	7.13E-03	0.010862	3.79E-03	1.86E-05	7.93E-03	0.011744	3.60E-03	2.36E-05	1.52E-02	1.89E-02
4649	495863.09	3859877.25	0.23011	0.2659	0.25118	3.43E-03	1.88E-05	6.53E-03	0.009979	3.50E-03	1.85E-05	7.27E-03	0.010787	3.33E-03	2.35E-05	1.40E-02	1.73E-02

4650	496363.09	3859877.25	0.19892	0.23083	0.21355	2.96E-03	1.63E-05	5.56E-03	0.008533	3.03E-03	1.60E-05	6.18E-03	0.009221	2.87E-03	2.04E-05	1.19E-02	1.48E-02
4651	496863.09	3859877.25	0.12972	0.14376	0.13731	1.93E-03	1.02E-05	3.57E-03	0.005513	1.97E-03	9.99E-06	3.97E-03	0.005956	1.87E-03	1.27E-05	7.63E-03	9.52E-03
4652	497363.09	3859877.25	0.16605	0.19997	0.18495	2.47E-03	1.41E-05	4.81E-03	0.007297	2.53E-03	1.39E-05	5.35E-03	0.007891	2.40E-03	1.76E-05	1.03E-02	1.27E-02
4653	497863.09	3859877.25	0.19662	0.21787	0.21611	2.93E-03	1.54E-05	5.62E-03	0.008564	2.99E-03	1.51E-05	6.25E-03	0.009259	2.84E-03	1.92E-05	1.20E-02	1.49E-02
4654	498363.09	3859877.25	0.19693	0.21087	0.22017	2.93E-03	1.49E-05	5.73E-03	0.008674	3.00E-03	1.47E-05	6.37E-03	0.009381	2.85E-03	1.86E-05	1.22E-02	1.51E-02
4655	471363.09	3860377.25	0.0869	0.13807	0.0963	1.29E-03	9.75E-06	2.51E-03	0.003809	1.32E-03	9.60E-06	2.79E-03	0.004118	1.26E-03	1.22E-05	5.35E-03	6.62E-03
4656	471863.09	3860377.25	0.0933	0.14972	0.10116	1.39E-03	1.06E-05	2.63E-03	0.004031	1.42E-03	1.04E-05	2.93E-03	0.004357	1.35E-03	1.32E-05	5.62E-03	6.98E-03
4657	472363.09	3860377.25	0.09886	0.15925	0.10989	1.47E-03	1.12E-05	2.86E-03	0.004342	1.50E-03	1.11E-05	3.18E-03	0.004695	1.43E-03	1.41E-05	6.11E-03	7.55E-03
4658	472863.09	3860377.25	0.10711	0.19102	0.11716	1.59E-03	1.35E-05	3.05E-03	0.004656	1.63E-03	1.33E-05	3.39E-03	0.005033	1.55E-03	1.69E-05	6.51E-03	8.07E-03
4659	473363.09	3860377.25	0.113	0.20964	0.12392	1.68E-03	1.48E-05	3.22E-03	0.004921	1.72E-03	1.46E-05	3.59E-03	0.005319	1.63E-03	1.85E-05	6.89E-03	8.54E-03
4660	473863.09	3860377.25	0.11636	0.2004	0.13031	1.73E-03	1.41E-05	3.39E-03	0.005136	1.77E-03	1.39E-05	3.77E-03	0.005554	1.68E-03	1.77E-05	7.24E-03	8.94E-03
4661	474363.09	3860377.25	0.11681	0.16824	0.12863	1.74E-03	1.19E-05	3.35E-03	0.005097	1.78E-03	1.17E-05	3.72E-03	0.00551	1.69E-03	1.48E-05	7.15E-03	8.85E-03
4662	474863.09	3860377.25	0.11148	0.15672	0.12179	1.66E-03	1.11E-05	3.17E-03	0.004839	1.70E-03	1.09E-05	3.52E-03	0.005231	1.61E-03	1.38E-05	6.77E-03	8.39E-03
4663	475363.09	3860377.25	0.09537	0.13621	0.10322	1.42E-03	9.62E-06	2.69E-03	0.004115	1.45E-03	9.47E-06	2.99E-03	0.004447	1.38E-03	1.20E-05	5.74E-03	7.13E-03
4664	475863.09	3860377.25	0.07774	0.11413	0.0837	1.16E-03	8.06E-06	2.18E-03	0.003343	1.18E-03	7.93E-06	2.42E-03	0.003612	1.12E-03	1.01E-05	4.65E-03	5.78E-03
4665	476363.09	3860377.25	0.05972	0.07997	0.06074	8.89E-04	5.65E-06	1.58E-03	0.002475	9.08E-04	5.56E-06	1.76E-03	0.002671	8.63E-04	7.06E-06	3.38E-03	4.25E-03
4666	476863.09	3860377.25	0.0538	0.07308	0.05431	8.01E-04	5.16E-06	1.41E-03	0.002219	8.18E-04	5.08E-06	1.57E-03	0.002395	7.77E-04	6.45E-06	3.02E-03	3.80E-03
4667	477363.09	3860377.25	0.03332	0.03946	0.03543	4.96E-04	2.79E-06	9.22E-04	0.00142	5.07E-04	2.74E-06	1.03E-03	0.001535	4.81E-04	3.48E-06	1.97E-03	2.45E-03
4668	477863.09	3860377.25	0.04204	0.05172	0.04358	6.26E-04	3.65E-06	1.13E-03	0.001763	6.39E-04	3.59E-06	1.26E-03	0.001904	6.07E-04	4.56E-06	2.42E-03	3.03E-03
4669	478363.09	3860377.25	0.07876	0.10435	0.08276	1.17E-03	7.37E-06	2.15E-03	0.003333	1.20E-03	7.25E-06	2.39E-03	0.0036	1.14E-03	9.21E-06	4.60E-03	5.75E-03
4670	478863.09	3860377.25	0.12667	0.17899	0.13309	1.89E-03	1.26E-05	3.46E-03	0.005361	1.93E-03	1.24E-05	3.85E-03	0.00579	1.83E-03	1.58E-05	7.40E-03	9.24E-03
4671	479363.09	3860377.25	0.19096	0.24937	0.20691	2.84E-03	1.76E-05	5.38E-03	0.008243	2.90E-03	1.73E-05	5.99E-03	0.008909	2.76E-03	2.20E-05	1.15E-02	1.43E-02
4672	479863.09	3860377.25	0.23723	0.30164	0.25728	3.53E-03	2.13E-05	6.69E-03	0.010246	3.61E-03	2.10E-05	7.45E-03	0.011074	3.43E-03	2.66E-05	1.43E-02	1.78E-02
4673	480363.09	3860377.25	0.25502	0.36002	0.27899	3.80E-03	2.54E-05	7.26E-03	0.01108	3.88E-03	2.50E-05	8.07E-03	0.011977	3.69E-03	3.18E-05	1.55E-02	1.92E-02
4674	480863.09	3860377.25	0.27427	0.39556	0.2981	4.08E-03	2.79E-05	7.76E-03	0.011866	4.17E-03	2.75E-05	8.63E-03	0.012825	3.96E-03	3.49E-05	1.66E-02	2.06E-02
4675	481363.09	3860377.25	0.28631	0.3668	0.30632	4.26E-03	2.59E-05	7.97E-03	0.012257	4.35E-03	2.55E-05	8.86E-03	0.013244	4.14E-03	3.24E-05	1.70E-02	2.12E-02
4676	481863.09	3860377.25	0.29044	0.33877	0.3195	4.32E-03	2.39E-05	8.31E-03	0.012659	4.42E-03	2.35E-05	9.25E-03	0.013686	4.20E-03	2.99E-05	1.78E-02	2.20E-02
4677	482363.09	3860377.25	0.30667	0.38986	0.32896	4.56E-03	2.75E-05	8.56E-03	0.01315	4.66E-03	2.71E-05	9.52E-03	0.01421	4.43E-03	3.44E-05	1.83E-02	2.27E-02
4678	482863.09	3860377.25	0.31351	0.3731	0.33614	4.67E-03	2.63E-05	8.74E-03	0.013438	4.77E-03	2.59E-05	9.73E-03	0.014521	4.53E-03	3.29E-05	1.87E-02	2.32E-02
4679	483363.09	3860377.25	0.32568	0.36796	0.35572	4.85E-03	2.60E-05	9.25E-03	0.014128	4.95E-03	2.56E-05	1.03E-02	0.015272	4.71E-03	3.25E-05	1.98E-02	2.45E-02
4680	483863.09	3860377.25	0.33663	0.38401	0.36001	5.01E-03	2.71E-05	9.37E-03	0.014404	5.12E-03	2.67E-05	1.04E-02	0.015564	4.86E-03	3.39E-05	2.00E-02	2.49E-02
4681	484363.09	3860377.25	0.33832	0.37327	0.34619	5.04E-03	2.64E-05	9.01E-03	0.014069	5.15E-03	2.59E-05	1.00E-02	0.015189	4.89E-03	3.29E-05	1.92E-02	2.42E-02
4682	484863.09	3860377.25	0.32981	0.4008	0.35187	4.91E-03	2.83E-05	9.15E-03	0.014092	5.02E-03	2.79E-05	1.02E-02	0.015226	4.77E-03	3.54E-05	1.96E-02	2.44E-02
4683	485363.09	3860377.25	0.3307	0.42436	0.35393	4.92E-03	3.00E-05	9.21E-03	0.01416	5.03E-03	2.95E-05	1.02E-02	0.015301	4.78E-03	3.74E-05	1.97E-02	2.45E-02
4684	485863.09	3860377.25	0.33722	0.43967	0.36461	5.02E-03	3.10E-05	9.49E-03	0.014536	5.13E-03	3.06E-05	1.06E-02	0.01571	4.87E-03	3.88E-05	2.03E-02	2.52E-02
4685	486363.09	3860377.25	0.34696	0.42291	0.36343	5.16E-03	2.99E-05	9.45E-03	0.014649	5.28E-03	2.94E-05	1.05E-02	0.015823	5.01E-03	3.73E-05	2.02E-02	2.52E-02
4686	486863.09	3860377.25	0.34843	0.42133	0.36833	5.19E-03	2.97E-05	9.58E-03	0.014798	5.30E-03	2.93E-05	1.07E-02	0.015987	5.03E-03	3.72E-05	2.05E-02	2.55E-02
4687	487363.09	3860377.25	0.36509	0.40579	0.41867	5.43E-03	2.87E-05	1.09E-02	0.016355	5.55E-03	2.82E-05	1.21E-02	0.017696	5.28E-03	3.58E-05	2.33E-02	2.86E-02
4688	487863.09	3860377.25	0.40573	0.40497	0.43188	6.04E-03	2.86E-05	1.12E-02	0.017304	6.17E-03	2.81E-05	1.25E-02	0.018696	5.86E-03	3.57E-05	2.40E-02	2.99E-02
4689	488363.09	3860377.25	0.42544	0.41411	0.47899	6.33E-03	2.92E-05	1.25E-02	0.018823	6.47E-03	2.88E-05	1.39E-02	0.02036	6.15E-03	3.65E-05	2.66E-02	3.28E-02
4690	488863.09	3860377.25	0.46178	0.4188	0.51361	6.87E-03	2.96E-05	1.34E-02	0.020265	7.02E-03	2.91E-05	1.49E-02	0.021915	6.67E-03	3.70E-05	2.85E-02	3.52E-02
4691	489363.09	3860377.25	0.48074	0.46402	0.54489	7.16E-03	3.28E-05	1.42E-02	0.021364	7.31E-03	3.23E-05	1.58E-02	0.023111	6.95E-03	4.09E-05	3.03E-02	3.73E-02
4692	489863.09	3860377.25	0.50106	0.49733	0.5814	7.46E-03	3.51E-05	1.51E-02	0.022619	7.62E-03	3.46E-05	1.68E-02	0.024479	7.24E-03	4.39E-05	3.23E-02	3.96E-02
4693	490363.09	3860377.25	0.44095	0.43089	0.50755	6.56E-03	3.04E-05	1.32E-02	0.019798	6.71E-03	2.99E-05	1.47E-02	0.021423	6.37E-03	3.80E-05	2.82E-02	3.46E-02
4694	490863.09	3860377.25	0.42972	0.38655	0.46909	6.40E-03	2.73E-05	1.22E-02	0.018627	6.54E-03	2.69E-05	1.36E-02	0.020137	6.21E-03	3.41E-05	2.61E-02	3.23E-02
4695	491363.09	3860377.25	0.39003	0.37865	0.45925	5.81E-03	2.67E-05	1.19E-02	0.01778	5.93E-03	2.63E-05	1.33E-02	0.019248	5.64E-03	3.34E-05	2.55E-02	3.12E-02
4696	491863.09	3860377.25	0.38287	0.35698	0.44683	5.70E-03	2.52E-05	1.16E-02	0.017349	5.82E-03	2.48E-05	1.29E-02	0.018778	5.53E-03	3.15E-05	2.48E-02	3.04E-02

4697	492363.09	3860377.25	0.36162	0.37205	0.42547	5.38E-03	2.63E-05	1.11E-02	0.016478	5.50E-03	2.59E-05	1.23E-02	0.017838	5.23E-03	3.28E-05	2.36E-02	2.89E-02
4698	492863.09	3860377.25	0.32881	0.34013	0.38009	4.89E-03	2.40E-05	9.89E-03	0.014807	5.00E-03	2.36E-05	1.10E-02	0.016023	4.75E-03	3.00E-05	2.11E-02	2.59E-02
4699	493363.09	3860377.25	0.31546	0.30731	0.36177	4.70E-03	2.17E-05	9.41E-03	0.014129	4.80E-03	2.14E-05	1.05E-02	0.015288	4.56E-03	2.71E-05	2.01E-02	2.47E-02
4700	493863.09	3860377.25	0.289	0.30008	0.33285	4.30E-03	2.12E-05	8.66E-03	0.012982	4.40E-03	2.09E-05	9.63E-03	0.014048	4.18E-03	2.65E-05	1.85E-02	2.27E-02
4701	494363.09	3860377.25	0.27102	0.27894	0.30893	4.03E-03	1.97E-05	8.04E-03	0.012091	4.12E-03	1.94E-05	8.94E-03	0.013081	3.92E-03	2.46E-05	1.72E-02	2.11E-02
4702	494863.09	3860377.25	0.2487	0.26563	0.28586	3.70E-03	1.88E-05	7.44E-03	0.011158	3.78E-03	1.85E-05	8.27E-03	0.012073	3.59E-03	2.34E-05	1.59E-02	1.95E-02
4703	495363.09	3860377.25	0.24785	0.2345	0.27721	3.69E-03	1.66E-05	7.21E-03	0.010918	3.77E-03	1.63E-05	8.02E-03	0.011808	3.58E-03	2.07E-05	1.54E-02	1.90E-02
4704	495863.09	3860377.25	0.24304	0.23084	0.2665	3.62E-03	1.63E-05	6.93E-03	0.010567	3.70E-03	1.60E-05	7.71E-03	0.011424	3.51E-03	2.04E-05	1.48E-02	1.83E-02
4705	496363.09	3860377.25	0.22067	0.22796	0.23917	3.28E-03	1.61E-05	6.22E-03	0.009523	3.36E-03	1.58E-05	6.92E-03	0.010293	3.19E-03	2.01E-05	1.33E-02	1.65E-02
4706	496863.09	3860377.25	0.1928	0.21496	0.20885	2.87E-03	1.52E-05	5.43E-03	0.008318	2.93E-03	1.49E-05	6.04E-03	0.008991	2.79E-03	1.90E-05	1.16E-02	1.44E-02
4707	497363.09	3860377.25	0.15744	0.18172	0.16982	2.34E-03	1.28E-05	4.42E-03	0.006774	2.39E-03	1.26E-05	4.91E-03	0.007321	2.28E-03	1.60E-05	9.44E-03	1.17E-02
4708	497863.09	3860377.25	0.18306	0.21053	0.20454	2.72E-03	1.49E-05	5.32E-03	0.008061	2.78E-03	1.46E-05	5.92E-03	0.008718	2.65E-03	1.86E-05	1.14E-02	1.40E-02
4709	498363.09	3860377.25	0.18637	0.20317	0.21094	2.77E-03	1.43E-05	5.49E-03	0.008276	2.83E-03	1.41E-05	6.10E-03	0.008953	2.69E-03	1.79E-05	1.17E-02	1.44E-02
4710	471363.09	3860877.25	0.08904	0.14298	0.10003	1.33E-03	1.01E-05	2.60E-03	0.003938	1.35E-03	9.94E-06	2.89E-03	0.004259	1.29E-03	1.26E-05	5.56E-03	6.86E-03
4711	471863.09	3860877.25	0.09478	0.17178	0.1038	1.41E-03	1.21E-05	2.70E-03	0.004123	1.44E-03	1.19E-05	3.00E-03	0.004457	1.37E-03	1.52E-05	5.77E-03	7.15E-03
4712	472363.09	3860877.25	0.09761	0.19026	0.1088	1.45E-03	1.34E-05	2.83E-03	0.004297	1.48E-03	1.32E-05	3.15E-03	0.004646	1.41E-03	1.68E-05	6.05E-03	7.47E-03
4713	472863.09	3860877.25	0.10185	0.17956	0.11556	1.52E-03	1.27E-05	3.01E-03	0.004535	1.55E-03	1.25E-05	3.34E-03	0.004905	1.47E-03	1.58E-05	6.42E-03	7.91E-03
4714	473363.09	3860877.25	0.10531	0.15924	0.1172	1.57E-03	1.12E-05	3.05E-03	0.004628	1.60E-03	1.11E-05	3.39E-03	0.005004	1.52E-03	1.41E-05	6.51E-03	8.05E-03
4715	473863.09	3860877.25	0.11088	0.16213	0.1216	1.65E-03	1.14E-05	3.16E-03	0.004825	1.69E-03	1.13E-05	3.52E-03	0.005216	1.60E-03	1.43E-05	6.76E-03	8.37E-03
4716	474363.09	3860877.25	0.11716	0.14532	0.12821	1.74E-03	1.03E-05	3.34E-03	0.00509	1.78E-03	1.01E-05	3.71E-03	0.005502	1.69E-03	1.28E-05	7.12E-03	8.83E-03
4717	474863.09	3860877.25	0.12686	0.1704	0.13534	1.89E-03	1.20E-05	3.52E-03	0.005421	1.93E-03	1.18E-05	3.92E-03	0.005858	1.83E-03	1.50E-05	7.52E-03	9.37E-03
4718	475363.09	3860877.25	0.12753	0.18225	0.13721	1.90E-03	1.29E-05	3.57E-03	0.005481	1.94E-03	1.27E-05	3.97E-03	0.005923	1.84E-03	1.61E-05	7.62E-03	9.48E-03
4719	475863.09	3860877.25	0.12172	0.17635	0.13075	1.81E-03	1.25E-05	3.40E-03	0.005226	1.85E-03	1.23E-05	3.78E-03	0.005647	1.76E-03	1.56E-05	7.27E-03	9.04E-03
4720	476363.09	3860877.25	0.10552	0.15481	0.11496	1.57E-03	1.09E-05	2.99E-03	0.004572	1.60E-03	1.08E-05	3.33E-03	0.004942	1.52E-03	1.37E-05	6.39E-03	7.93E-03
4721	476863.09	3860877.25	0.10173	0.137	0.10706	1.51E-03	9.67E-06	2.79E-03	0.004309	1.55E-03	9.52E-06	3.10E-03	0.004655	1.47E-03	1.21E-05	5.95E-03	7.43E-03
4722	477363.09	3860877.25	0.10229	0.14049	0.11222	1.52E-03	9.92E-06	2.92E-03	0.004452	1.56E-03	9.76E-06	3.25E-03	0.004813	1.48E-03	1.24E-05	6.24E-03	7.73E-03
4723	477863.09	3860877.25	0.08893	0.11677	0.0893	1.32E-03	8.24E-06	2.32E-03	0.003655	1.35E-03	8.12E-06	2.58E-03	0.003945	1.29E-03	1.03E-05	4.96E-03	6.26E-03
4724	478363.09	3860877.25	0.04768	0.05846	0.05032	7.10E-04	4.13E-06	1.31E-03	0.002023	7.25E-04	4.06E-06	1.46E-03	0.002185	6.89E-04	5.16E-06	2.80E-03	3.49E-03
4725	478863.09	3860877.25	0.1167	0.15555	0.12633	1.74E-03	1.10E-05	3.29E-03	0.005035	1.77E-03	1.08E-05	3.66E-03	0.005441	1.69E-03	1.37E-05	7.02E-03	8.72E-03
4726	479363.09	3860877.25	0.17875	0.22333	0.19367	2.66E-03	1.58E-05	5.04E-03	0.007715	2.72E-03	1.55E-05	5.60E-03	0.008338	2.58E-03	1.97E-05	1.08E-02	1.34E-02
4727	479863.09	3860877.25	0.21795	0.30945	0.22772	3.24E-03	2.18E-05	5.92E-03	0.00919	3.31E-03	2.15E-05	6.59E-03	0.009926	3.15E-03	2.73E-05	1.27E-02	1.58E-02
4728	480363.09	3860877.25	0.23599	0.31824	0.25515	3.51E-03	2.25E-05	6.64E-03	0.010173	3.59E-03	2.21E-05	7.38E-03	0.010995	3.41E-03	2.81E-05	1.42E-02	1.76E-02
4729	480863.09	3860877.25	0.24483	0.33264	0.2625	3.64E-03	2.35E-05	6.83E-03	0.010497	3.72E-03	2.31E-05	7.60E-03	0.011343	3.54E-03	2.93E-05	1.46E-02	1.82E-02
4730	481363.09	3860877.25	0.24056	0.31572	0.26333	3.58E-03	2.23E-05	6.85E-03	0.010454	3.66E-03	2.19E-05	7.62E-03	0.011301	3.48E-03	2.79E-05	1.46E-02	1.81E-02
4731	481863.09	3860877.25	0.24653	0.31393	0.26938	3.67E-03	2.22E-05	7.01E-03	0.0107	3.75E-03	2.18E-05	7.80E-03	0.011566	3.56E-03	2.77E-05	1.50E-02	1.86E-02
4732	482363.09	3860877.25	0.25294	0.36309	0.27722	3.76E-03	2.56E-05	7.21E-03	0.011003	3.85E-03	2.52E-05	8.02E-03	0.011894	3.66E-03	3.20E-05	1.54E-02	1.91E-02
4733	482863.09	3860877.25	0.26534	0.31782	0.28369	3.95E-03	2.24E-05	7.38E-03	0.011352	4.04E-03	2.21E-05	8.21E-03	0.012267	3.83E-03	2.80E-05	1.58E-02	1.96E-02
4734	483363.09	3860877.25	0.27525	0.31755	0.30118	4.10E-03	2.24E-05	7.84E-03	0.011955	4.19E-03	2.21E-05	8.72E-03	0.012924	3.98E-03	2.80E-05	1.67E-02	2.07E-02
4735	483863.09	3860877.25	0.28645	0.333	0.30043	4.26E-03	2.35E-05	7.82E-03	0.012103	4.36E-03	2.31E-05	8.69E-03	0.013073	4.14E-03	2.94E-05	1.67E-02	2.09E-02
4736	484363.09	3860877.25	0.28165	0.33251	0.29625	4.19E-03	2.35E-05	7.71E-03	0.011923	4.28E-03	2.31E-05	8.57E-03	0.012879	4.07E-03	2.93E-05	1.65E-02	2.06E-02
4737	484863.09	3860877.25	0.27803	0.34943	0.29205	4.14E-03	2.47E-05	7.60E-03	0.011761	4.23E-03	2.43E-05	8.45E-03	0.012704	4.02E-03	3.08E-05	1.62E-02	2.03E-02
4738	485363.09	3860877.25	0.2845	0.37351	0.30269	4.23E-03	2.64E-05	7.87E-03	0.012136	4.33E-03	2.60E-05	8.76E-03	0.013112	4.11E-03	3.30E-05	1.68E-02	2.10E-02
4739	485863.09	3860877.25	0.28261	0.37018	0.30731	4.21E-03	2.61E-05	7.99E-03	0.012228	4.30E-03	2.57E-05	8.89E-03	0.013217	4.08E-03	3.27E-05	1.71E-02	2.12E-02
4740	486363.09	3860877.25	0.28255	0.34237	0.30876	4.21E-03	2.42E-05	8.03E-03	0.012263	4.30E-03	2.38E-05	8.93E-03	0.013256	4.08E-03	3.02E-05	1.72E-02	2.13E-02
4741	486863.09	3860877.25	0.28956	0.33543	0.31037	4.31E-03	2.37E-05	8.07E-03	0.012408	4.40E-03	2.33E-05	8.98E-03	0.013408	4.18E-03	2.96E-05	1.72E-02	2.15E-02
4742	487363.09	3860877.25	0.29323	0.35572	0.32891	4.36E-03	2.51E-05	8.56E-03	0.012947	4.46E-03	2.47E-05	9.52E-03	0.014002	4.24E-03	3.14E-05	1.83E-02	2.25E-02
4743	487863.09	3860877.25	0.30861	0.35644	0.36809	4.59E-03	2.52E-05	9.58E-03	0.014195	4.69E-03	2.48E-05	1.07E-02	0.01537	4.46E-03	3.14E-05	2.05E-02	2.49E-02

4744	488363.09	3860877.25	0.34464	0.33689	0.37958	5.13E-03	2.38E-05	9.88E-03	0.015029	5.24E-03	2.34E-05	1.10E-02	0.016249	4.98E-03	2.97E-05	2.11E-02	2.61E-02
4745	488863.09	3860877.25	0.35735	0.34959	0.41468	5.32E-03	2.47E-05	1.08E-02	0.016132	5.43E-03	2.43E-05	1.20E-02	0.017459	5.16E-03	3.08E-05	2.30E-02	2.82E-02
4746	489363.09	3860877.25	0.38005	0.37017	0.43675	5.66E-03	2.61E-05	1.14E-02	0.017046	5.78E-03	2.57E-05	1.26E-02	0.018444	5.49E-03	3.27E-05	2.43E-02	2.98E-02
4747	489863.09	3860877.25	0.39164	0.37702	0.44696	5.83E-03	2.66E-05	1.16E-02	0.017484	5.96E-03	2.62E-05	1.29E-02	0.018916	5.66E-03	3.33E-05	2.48E-02	3.05E-02
4748	490363.09	3860877.25	0.40278	0.41081	0.47231	6.00E-03	2.90E-05	1.23E-02	0.018312	6.13E-03	2.86E-05	1.37E-02	0.019822	5.82E-03	3.62E-05	2.62E-02	3.21E-02
4749	490863.09	3860877.25	0.3715	0.36646	0.41434	5.53E-03	2.59E-05	1.08E-02	0.016335	5.65E-03	2.55E-05	1.20E-02	0.017665	5.37E-03	3.23E-05	2.30E-02	2.84E-02
4750	491363.09	3860877.25	0.34008	0.32308	0.3795	5.06E-03	2.28E-05	9.87E-03	0.014958	5.17E-03	2.25E-05	1.10E-02	0.016176	4.91E-03	2.85E-05	2.11E-02	2.60E-02
4751	491863.09	3860877.25	0.32956	0.32892	0.3758	4.91E-03	2.32E-05	9.78E-03	0.014705	5.01E-03	2.29E-05	1.09E-02	0.01591	4.76E-03	2.90E-05	2.09E-02	2.57E-02
4752	492363.09	3860877.25	0.29981	0.30364	0.34583	4.46E-03	2.14E-05	9.00E-03	0.013481	4.56E-03	2.11E-05	1.00E-02	0.014588	4.33E-03	2.68E-05	1.92E-02	2.36E-02
4753	492863.09	3860877.25	0.29433	0.29004	0.35752	4.38E-03	2.05E-05	9.30E-03	0.013703	4.48E-03	2.02E-05	1.03E-02	0.014842	4.25E-03	2.56E-05	1.99E-02	2.41E-02
4754	493363.09	3860877.25	0.28733	0.30159	0.35008	4.28E-03	2.13E-05	9.11E-03	0.013406	4.37E-03	2.10E-05	1.01E-02	0.014521	4.15E-03	2.66E-05	1.95E-02	2.36E-02
4755	493863.09	3860877.25	0.26979	0.28358	0.31633	4.02E-03	2.00E-05	8.23E-03	0.012265	4.10E-03	1.97E-05	9.15E-03	0.013277	3.90E-03	2.50E-05	1.76E-02	2.15E-02
4756	494363.09	3860877.25	0.25234	0.26311	0.30065	3.76E-03	1.86E-05	7.82E-03	0.011596	3.84E-03	1.83E-05	8.70E-03	0.012556	3.65E-03	2.32E-05	1.67E-02	2.04E-02
4757	494863.09	3860877.25	0.23571	0.2468	0.27808	3.51E-03	1.74E-05	7.23E-03	0.01076	3.58E-03	1.72E-05	8.05E-03	0.011649	3.41E-03	2.18E-05	1.55E-02	1.89E-02
4758	495363.09	3860877.25	0.21936	0.23839	0.26327	3.27E-03	1.68E-05	6.85E-03	0.010131	3.34E-03	1.66E-05	7.62E-03	0.010971	3.17E-03	2.10E-05	1.46E-02	1.78E-02
4759	495863.09	3860877.25	0.20233	0.22547	0.24096	3.01E-03	1.59E-05	6.27E-03	0.009296	3.08E-03	1.57E-05	6.97E-03	0.010066	2.92E-03	1.99E-05	1.34E-02	1.63E-02
4760	496363.09	3860877.25	0.20226	0.20765	0.23932	3.01E-03	1.47E-05	6.23E-03	0.009251	3.08E-03	1.44E-05	6.93E-03	0.010016	2.92E-03	1.83E-05	1.33E-02	1.62E-02
4761	496863.09	3860877.25	0.20904	0.19996	0.23947	3.11E-03	1.41E-05	6.23E-03	0.009356	3.18E-03	1.39E-05	6.93E-03	0.010123	3.02E-03	1.76E-05	1.33E-02	1.63E-02
4762	497363.09	3860877.25	0.20252	0.19928	0.22664	3.01E-03	1.41E-05	5.90E-03	0.008925	3.08E-03	1.39E-05	6.56E-03	0.009652	2.93E-03	1.76E-05	1.26E-02	1.55E-02
4763	497863.09	3860877.25	0.19232	0.19938	0.21472	2.86E-03	1.41E-05	5.59E-03	0.008463	2.92E-03	1.39E-05	6.21E-03	0.009152	2.78E-03	1.76E-05	1.19E-02	1.47E-02
4764	498363.09	3860877.25	0.18447	0.18618	0.2108	2.75E-03	1.31E-05	5.48E-03	0.008243	2.81E-03	1.29E-05	6.10E-03	0.008918	2.67E-03	1.64E-05	1.17E-02	1.44E-02
4765	471363.09	3861377.25	0.08851	0.17011	0.09938	1.32E-03	1.20E-05	2.59E-03	0.003915	1.35E-03	1.18E-05	2.88E-03	0.004234	1.28E-03	1.50E-05	5.52E-03	6.82E-03
4766	471863.09	3861377.25	0.09205	0.16308	0.10381	1.37E-03	1.15E-05	2.70E-03	0.004082	1.40E-03	1.13E-05	3.00E-03	0.004415	1.33E-03	1.44E-05	5.77E-03	7.11E-03
4767	472363.09	3861377.25	0.09402	0.15019	0.10623	1.40E-03	1.06E-05	2.76E-03	0.004174	1.43E-03	1.04E-05	3.07E-03	0.004514	1.36E-03	1.33E-05	5.90E-03	7.27E-03
4768	472863.09	3861377.25	0.09814	0.14808	0.11146	1.46E-03	1.05E-05	2.90E-03	0.004371	1.49E-03	1.03E-05	3.23E-03	0.004728	1.42E-03	1.31E-05	6.19E-03	7.62E-03
4769	473363.09	3861377.25	0.10662	0.14154	0.1187	1.59E-03	9.99E-06	3.09E-03	0.004685	1.62E-03	9.84E-06	3.43E-03	0.005066	1.54E-03	1.25E-05	6.60E-03	8.15E-03
4770	473863.09	3861377.25	0.11501	0.14431	0.12464	1.71E-03	1.02E-05	3.24E-03	0.004965	1.75E-03	1.00E-05	3.61E-03	0.005366	1.66E-03	1.27E-05	6.93E-03	8.60E-03
4771	474363.09	3861377.25	0.12118	0.16744	0.13114	1.80E-03	1.18E-05	3.41E-03	0.005227	1.84E-03	1.16E-05	3.79E-03	0.005649	1.75E-03	1.48E-05	7.29E-03	9.05E-03
4772	474863.09	3861377.25	0.12434	0.17322	0.13665	1.85E-03	1.22E-05	3.56E-03	0.005418	1.89E-03	1.20E-05	3.95E-03	0.005857	1.80E-03	1.53E-05	7.59E-03	9.41E-03
4773	475363.09	3861377.25	0.1312	0.18531	0.14443	1.95E-03	1.31E-05	3.76E-03	0.005723	2.00E-03	1.29E-05	4.18E-03	0.006188	1.90E-03	1.64E-05	8.03E-03	9.94E-03
4774	475863.09	3861377.25	0.13352	0.18807	0.14856	1.99E-03	1.33E-05	3.86E-03	0.005866	2.03E-03	1.31E-05	4.30E-03	0.006343	1.93E-03	1.66E-05	8.25E-03	1.02E-02
4775	476363.09	3861377.25	0.13433	0.1876	0.14662	2.00E-03	1.32E-05	3.81E-03	0.005827	2.04E-03	1.30E-05	4.24E-03	0.006299	1.94E-03	1.66E-05	8.15E-03	1.01E-02
4776	476863.09	3861377.25	0.13785	0.18348	0.15091	2.05E-03	1.30E-05	3.93E-03	0.005991	2.10E-03	1.28E-05	4.37E-03	0.006476	1.99E-03	1.62E-05	8.39E-03	1.04E-02
4777	477363.09	3861377.25	0.14431	0.18404	0.15784	2.15E-03	1.30E-05	4.11E-03	0.006267	2.19E-03	1.28E-05	4.57E-03	0.006775	2.09E-03	1.62E-05	8.77E-03	1.09E-02
4778	477863.09	3861377.25	0.11249	0.15714	0.12179	1.67E-03	1.11E-05	3.17E-03	0.004854	1.71E-03	1.09E-05	3.52E-03	0.005246	1.63E-03	1.39E-05	6.77E-03	8.41E-03
4779	478363.09	3861377.25	0.06082	0.07668	0.06317	9.05E-04	5.41E-06	1.64E-03	0.002554	9.25E-04	5.33E-06	1.83E-03	0.002758	8.79E-04	6.77E-06	3.51E-03	4.40E-03
4780	478863.09	3861377.25	0.07954	0.10437	0.08349	1.18E-03	7.37E-06	2.17E-03	0.003363	1.21E-03	7.25E-06	2.42E-03	0.003633	1.15E-03	9.21E-06	4.64E-03	5.80E-03
4781	479363.09	3861377.25	0.15785	0.2218	0.17299	2.35E-03	1.57E-05	4.50E-03	0.006866	2.40E-03	1.54E-05	5.01E-03	0.007422	2.28E-03	1.96E-05	9.61E-03	1.19E-02
4782	479863.09	3861377.25	0.19868	0.29301	0.21538	2.96E-03	2.07E-05	5.60E-03	0.008581	3.02E-03	2.04E-05	6.23E-03	0.009275	2.87E-03	2.59E-05	1.20E-02	1.49E-02
4783	480363.09	3861377.25	0.20838	0.29876	0.22882	3.10E-03	2.11E-05	5.95E-03	0.009076	3.17E-03	2.08E-05	6.62E-03	0.009811	3.01E-03	2.64E-05	1.27E-02	1.58E-02
4784	480863.09	3861377.25	0.20675	0.2775	0.23178	3.08E-03	1.96E-05	6.03E-03	0.009127	3.14E-03	1.93E-05	6.71E-03	0.009871	2.99E-03	2.45E-05	1.29E-02	1.59E-02
4785	481363.09	3861377.25	0.20717	0.25626	0.23132	3.08E-03	1.81E-05	6.02E-03	0.00912	3.15E-03	1.78E-05	6.69E-03	0.009862	2.99E-03	2.26E-05	1.29E-02	1.59E-02
4786	481863.09	3861377.25	0.21305	0.2864	0.23053	3.17E-03	2.02E-05	6.00E-03	0.009189	3.24E-03	1.99E-05	6.67E-03	0.009931	3.08E-03	2.53E-05	1.28E-02	1.59E-02
4787	482363.09	3861377.25	0.22352	0.31873	0.24804	3.33E-03	2.25E-05	6.45E-03	0.009803	3.40E-03	2.22E-05	7.18E-03	0.010599	3.23E-03	2.81E-05	1.38E-02	1.70E-02
4788	482863.09	3861377.25	0.23459	0.27577	0.25544	3.49E-03	1.95E-05	6.65E-03	0.010157	3.57E-03	1.92E-05	7.39E-03	0.010979	3.39E-03	2.43E-05	1.42E-02	1.76E-02
4789	483363.09	3861377.25	0.23922	0.29163	0.26004	3.56E-03	2.06E-05	6.77E-03	0.010347	3.64E-03	2.03E-05	7.52E-03	0.011183	3.46E-03	2.57E-05	1.44E-02	1.79E-02
4790	483863.09	3861377.25	0.2411	0.29401	0.26051	3.59E-03	2.08E-05	6.78E-03	0.010387	3.67E-03	2.04E-05	7.54E-03	0.011226	3.48E-03	2.59E-05	1.45E-02	1.80E-02

4791	484363.09	3861377.25	0.24625	0.30988	0.2663	3.67E-03	2.19E-05	6.93E-03	0.010615	3.75E-03	2.15E-05	7.71E-03	0.011473	3.56E-03	2.73E-05	1.48E-02	1.84E-02
4792	484863.09	3861377.25	0.24161	0.31599	0.26541	3.60E-03	2.23E-05	6.90E-03	0.010524	3.67E-03	2.20E-05	7.68E-03	0.011377	3.49E-03	2.79E-05	1.47E-02	1.83E-02
4793	485363.09	3861377.25	0.24134	0.31811	0.26292	3.59E-03	2.25E-05	6.84E-03	0.010455	3.67E-03	2.21E-05	7.61E-03	0.011301	3.49E-03	2.81E-05	1.46E-02	1.81E-02
4794	485863.09	3861377.25	0.24034	0.3217	0.2634	3.58E-03	2.27E-05	6.85E-03	0.010453	3.66E-03	2.24E-05	7.62E-03	0.0113	3.47E-03	2.84E-05	1.46E-02	1.81E-02
4795	486363.09	3861377.25	0.24831	0.29759	0.26562	3.70E-03	2.10E-05	6.91E-03	0.010627	3.78E-03	2.07E-05	7.69E-03	0.011484	3.59E-03	2.63E-05	1.48E-02	1.84E-02
4796	486863.09	3861377.25	0.25015	0.28846	0.26551	3.72E-03	2.04E-05	6.91E-03	0.010651	3.80E-03	2.00E-05	7.68E-03	0.011508	3.61E-03	2.55E-05	1.48E-02	1.84E-02
4797	487363.09	3861377.25	0.24446	0.30366	0.27108	3.64E-03	2.14E-05	7.05E-03	0.010713	3.72E-03	2.11E-05	7.84E-03	0.011583	3.53E-03	2.68E-05	1.51E-02	1.86E-02
4798	487863.09	3861377.25	0.25496	0.32168	0.303	3.80E-03	2.27E-05	7.88E-03	0.011701	3.88E-03	2.24E-05	8.77E-03	0.012668	3.68E-03	2.84E-05	1.68E-02	2.05E-02
4799	488363.09	3861377.25	0.27096	0.2878	0.32098	4.03E-03	2.03E-05	8.35E-03	0.012404	4.12E-03	2.00E-05	9.29E-03	0.013429	3.92E-03	2.54E-05	1.78E-02	2.18E-02
4800	488863.09	3861377.25	0.29204	0.28612	0.33435	4.35E-03	2.02E-05	8.70E-03	0.013066	4.44E-03	1.99E-05	9.68E-03	0.014137	4.22E-03	2.52E-05	1.86E-02	2.28E-02
4801	489363.09	3861377.25	0.30964	0.30429	0.35944	4.61E-03	2.15E-05	9.35E-03	0.013982	4.71E-03	2.11E-05	1.04E-02	0.015132	4.47E-03	2.68E-05	2.00E-02	2.45E-02
4802	489863.09	3861377.25	0.31461	0.30665	0.36276	4.68E-03	2.17E-05	9.44E-03	0.014142	4.78E-03	2.13E-05	1.05E-02	0.015303	4.55E-03	2.71E-05	2.02E-02	2.47E-02
4803	490363.09	3861377.25	0.3316	0.32585	0.37723	4.94E-03	2.30E-05	9.81E-03	0.014773	5.04E-03	2.26E-05	1.09E-02	0.015982	4.79E-03	2.88E-05	2.10E-02	2.58E-02
4804	490863.09	3861377.25	0.33838	0.34566	0.39639	5.04E-03	2.44E-05	1.03E-02	0.015374	5.15E-03	2.40E-05	1.15E-02	0.016641	4.89E-03	3.05E-05	2.20E-02	2.69E-02
4805	491363.09	3861377.25	0.30373	0.3115	0.35479	4.52E-03	2.20E-05	9.23E-03	0.013773	4.62E-03	2.17E-05	1.03E-02	0.014908	4.39E-03	2.75E-05	1.97E-02	2.41E-02
4806	491863.09	3861377.25	0.27619	0.28088	0.31946	4.11E-03	1.98E-05	8.31E-03	0.012442	4.20E-03	1.95E-05	9.24E-03	0.013464	3.99E-03	2.48E-05	1.78E-02	2.18E-02
4807	492363.09	3861377.25	0.2787	0.27576	0.32328	4.15E-03	1.95E-05	8.41E-03	0.012578	4.24E-03	1.92E-05	9.35E-03	0.013613	4.03E-03	2.43E-05	1.80E-02	2.20E-02
4808	492863.09	3861377.25	0.25512	0.26534	0.30457	3.80E-03	1.87E-05	7.92E-03	0.01174	3.88E-03	1.84E-05	8.81E-03	0.012712	3.69E-03	2.34E-05	1.69E-02	2.06E-02
4809	493363.09	3861377.25	0.25154	0.25219	0.29077	3.74E-03	1.78E-05	7.56E-03	0.011327	3.83E-03	1.75E-05	8.41E-03	0.012257	3.63E-03	2.23E-05	1.62E-02	1.98E-02
4810	493863.09	3861377.25	0.23907	0.24472	0.29836	3.56E-03	1.73E-05	7.76E-03	0.011338	3.64E-03	1.70E-05	8.63E-03	0.012287	3.45E-03	2.16E-05	1.66E-02	2.01E-02
4811	494363.09	3861377.25	0.22954	0.24891	0.28566	3.42E-03	1.76E-05	7.43E-03	0.010866	3.49E-03	1.73E-05	8.27E-03	0.011775	3.32E-03	2.20E-05	1.59E-02	1.92E-02
4812	494863.09	3861377.25	0.22231	0.24073	0.26187	3.31E-03	1.70E-05	6.81E-03	0.010139	3.38E-03	1.67E-05	7.58E-03	0.010976	3.21E-03	2.12E-05	1.46E-02	1.78E-02
4813	495363.09	3861377.25	0.20955	0.22591	0.25525	3.12E-03	1.60E-05	6.64E-03	0.009776	3.19E-03	1.57E-05	7.39E-03	0.010589	3.03E-03	1.99E-05	1.42E-02	1.72E-02
4814	495863.09	3861377.25	0.19335	0.20894	0.23363	2.88E-03	1.48E-05	6.08E-03	0.008971	2.94E-03	1.45E-05	6.76E-03	0.009716	2.79E-03	1.84E-05	1.30E-02	1.58E-02
4815	496363.09	3861377.25	0.18424	0.20696	0.22011	2.74E-03	1.46E-05	5.73E-03	0.008483	2.80E-03	1.44E-05	6.37E-03	0.009186	2.66E-03	1.83E-05	1.22E-02	1.49E-02
4816	496863.09	3861377.25	0.17504	0.19596	0.2147	2.61E-03	1.38E-05	5.59E-03	0.008205	2.66E-03	1.36E-05	6.21E-03	0.008889	2.53E-03	1.73E-05	1.19E-02	1.45E-02
4817	497363.09	3861377.25	0.16846	0.1858	0.20748	2.51E-03	1.31E-05	5.40E-03	0.007918	2.56E-03	1.29E-05	6.00E-03	0.008579	2.43E-03	1.64E-05	1.15E-02	1.40E-02
4818	497863.09	3861377.25	0.16501	0.17476	0.20051	2.46E-03	1.23E-05	5.22E-03	0.007685	2.51E-03	1.21E-05	5.80E-03	0.008324	2.38E-03	1.54E-05	1.11E-02	1.35E-02
4819	498363.09	3861377.25	0.16481	0.16731	0.19919	2.45E-03	1.18E-05	5.18E-03	0.007647	2.51E-03	1.16E-05	5.76E-03	0.008282	2.38E-03	1.48E-05	1.11E-02	1.35E-02
4820	471363.09	3861877.25	0.08632	0.13673	0.09905	1.28E-03	9.65E-06	2.58E-03	0.003871	1.31E-03	9.50E-06	2.87E-03	0.004189	1.25E-03	1.21E-05	5.50E-03	6.76E-03
4821	471863.09	3861877.25	0.08958	0.13501	0.10269	1.33E-03	9.53E-06	2.67E-03	0.004014	1.36E-03	9.38E-06	2.97E-03	0.004343	1.29E-03	1.19E-05	5.71E-03	7.01E-03
4822	472363.09	3861877.25	0.09592	0.1318	0.10849	1.43E-03	9.31E-06	2.82E-03	0.00426	1.46E-03	9.16E-06	3.14E-03	0.004607	1.39E-03	1.16E-05	6.03E-03	7.43E-03
4823	472863.09	3861877.25	0.10189	0.12352	0.11496	1.52E-03	8.72E-06	2.99E-03	0.004516	1.55E-03	8.58E-06	3.33E-03	0.004885	1.47E-03	1.09E-05	6.39E-03	7.87E-03
4824	473363.09	3861877.25	0.10772	0.14412	0.11936	1.60E-03	1.02E-05	3.11E-03	0.004719	1.64E-03	1.00E-05	3.45E-03	0.005102	1.56E-03	1.27E-05	6.63E-03	8.20E-03
4825	473863.09	3861877.25	0.11025	0.15555	0.12374	1.64E-03	1.10E-05	3.22E-03	0.004871	1.68E-03	1.08E-05	3.58E-03	0.005268	1.59E-03	1.37E-05	6.88E-03	8.48E-03
4826	474363.09	3861877.25	0.11638	0.16427	0.12907	1.73E-03	1.16E-05	3.36E-03	0.005102	1.77E-03	1.14E-05	3.73E-03	0.005516	1.68E-03	1.45E-05	7.17E-03	8.87E-03
4827	474863.09	3861877.25	0.11795	0.15306	0.13433	1.76E-03	1.08E-05	3.49E-03	0.005261	1.79E-03	1.06E-05	3.89E-03	0.005692	1.70E-03	1.35E-05	7.46E-03	9.18E-03
4828	475363.09	3861877.25	0.12187	0.16414	0.13781	1.81E-03	1.16E-05	3.59E-03	0.005411	1.85E-03	1.14E-05	3.99E-03	0.005853	1.76E-03	1.45E-05	7.66E-03	9.43E-03
4829	475863.09	3861877.25	0.12631	0.18087	0.14495	1.88E-03	1.28E-05	3.77E-03	0.005664	1.92E-03	1.26E-05	4.19E-03	0.006128	1.83E-03	1.60E-05	8.05E-03	9.90E-03
4830	476363.09	3861877.25	0.13689	0.17668	0.1566	2.04E-03	1.25E-05	4.07E-03	0.006124	2.08E-03	1.23E-05	4.53E-03	0.006626	1.98E-03	1.56E-05	8.70E-03	1.07E-02
4831	476863.09	3861877.25	0.14853	0.17995	0.16269	2.21E-03	1.27E-05	4.23E-03	0.006456	2.26E-03	1.25E-05	4.71E-03	0.006979	2.15E-03	1.59E-05	9.04E-03	1.12E-02
4832	477363.09	3861877.25	0.15332	0.2144	0.16392	2.28E-03	1.51E-05	4.26E-03	0.006562	2.33E-03	1.49E-05	4.74E-03	0.00709	2.22E-03	1.89E-05	9.11E-03	1.13E-02
4833	477863.09	3861877.25	0.11249	0.16684	0.12565	1.67E-03	1.18E-05	3.27E-03	0.004955	1.71E-03	1.16E-05	3.64E-03	0.005358	1.63E-03	1.47E-05	6.98E-03	8.62E-03
4834	478363.09	3861877.25	0.05075	0.06663	0.05273	7.55E-04	4.70E-06	1.37E-03	0.002132	7.72E-04	4.63E-06	1.53E-03	0.002302	7.33E-04	5.88E-06	2.93E-03	3.67E-03
4835	478863.09	3861877.25	0.08929	0.12462	0.09805	1.33E-03	8.80E-06	2.55E-03	0.003889	1.36E-03	8.66E-06	2.84E-03	0.004204	1.29E-03	1.10E-05	5.45E-03	6.75E-03
4836	479363.09	3861877.25	0.07954	0.1151	0.08434	1.18E-03	8.13E-06	2.19E-03	0.003386	1.21E-03	8.00E-06	2.44E-03	0.003658	1.15E-03	1.02E-05	4.69E-03	5.85E-03
4837	479863.09	3861877.25	0.17883	0.25703	0.19678	2.66E-03	1.81E-05	5.12E-03	0.007799	2.72E-03	1.79E-05	5.69E-03	0.008432	2.58E-03	2.27E-05	1.09E-02	1.35E-02

4838	480363.09	3861877.25	0.18346	0.26654	0.20587	2.73E-03	1.88E-05	5.36E-03	0.008105	2.79E-03	1.85E-05	5.96E-03	0.008766	2.65E-03	2.35E-05	1.14E-02	1.41E-02
4839	480863.09	3861877.25	0.18004	0.24187	0.20382	2.68E-03	1.71E-05	5.30E-03	0.007999	2.74E-03	1.68E-05	5.90E-03	0.008653	2.60E-03	2.13E-05	1.13E-02	1.39E-02
4840	481363.09	3861877.25	0.18493	0.23839	0.2037	2.75E-03	1.68E-05	5.30E-03	0.008069	2.81E-03	1.66E-05	5.89E-03	0.008724	2.67E-03	2.10E-05	1.13E-02	1.40E-02
4841	481863.09	3861877.25	0.19206	0.26708	0.21226	2.86E-03	1.89E-05	5.52E-03	0.0084	2.92E-03	1.86E-05	6.14E-03	0.009082	2.78E-03	2.36E-05	1.18E-02	1.46E-02
4842	482363.09	3861877.25	0.19938	0.27128	0.22801	2.97E-03	1.92E-05	5.93E-03	0.008919	3.03E-03	1.89E-05	6.60E-03	0.009649	2.88E-03	2.39E-05	1.27E-02	1.56E-02
4843	482863.09	3861877.25	0.20433	0.25822	0.22883	3.04E-03	1.82E-05	5.95E-03	0.009013	3.11E-03	1.79E-05	6.62E-03	0.009747	2.95E-03	2.28E-05	1.27E-02	1.57E-02
4844	483363.09	3861877.25	0.20676	0.25607	0.2318	3.08E-03	1.81E-05	6.03E-03	0.009126	3.14E-03	1.78E-05	6.71E-03	0.00987	2.99E-03	2.26E-05	1.29E-02	1.59E-02
4845	483863.09	3861877.25	0.21229	0.26902	0.23384	3.16E-03	1.90E-05	6.08E-03	0.009262	3.23E-03	1.87E-05	6.77E-03	0.010014	3.07E-03	2.37E-05	1.30E-02	1.61E-02
4846	484363.09	3861877.25	0.21076	0.29038	0.23865	3.14E-03	2.05E-05	6.21E-03	0.009366	3.21E-03	2.02E-05	6.91E-03	0.010131	3.05E-03	2.56E-05	1.33E-02	1.63E-02
4847	484863.09	3861877.25	0.21619	0.276	0.23313	3.22E-03	1.95E-05	6.07E-03	0.009303	3.29E-03	1.92E-05	6.75E-03	0.010053	3.12E-03	2.44E-05	1.30E-02	1.61E-02
4848	485363.09	3861877.25	0.2144	0.27103	0.23403	3.19E-03	1.91E-05	6.09E-03	0.009299	3.26E-03	1.88E-05	6.77E-03	0.010052	3.10E-03	2.39E-05	1.30E-02	1.61E-02
4849	485863.09	3861877.25	0.21017	0.28346	0.23404	3.13E-03	2.00E-05	6.09E-03	0.009237	3.20E-03	1.97E-05	6.77E-03	0.009989	3.04E-03	2.50E-05	1.30E-02	1.61E-02
4850	486363.09	3861877.25	0.21844	0.27133	0.23136	3.25E-03	1.92E-05	6.02E-03	0.00929	3.32E-03	1.89E-05	6.69E-03	0.010036	3.16E-03	2.39E-05	1.29E-02	1.60E-02
4851	486863.09	3861877.25	0.21563	0.25325	0.23217	3.21E-03	1.79E-05	6.04E-03	0.009268	3.28E-03	1.76E-05	6.72E-03	0.010015	3.12E-03	2.23E-05	1.29E-02	1.60E-02
4852	487363.09	3861877.25	0.21568	0.2545	0.23624	3.21E-03	1.80E-05	6.15E-03	0.009374	3.28E-03	1.77E-05	6.84E-03	0.010134	3.12E-03	2.25E-05	1.31E-02	1.63E-02
4853	487863.09	3861877.25	0.21798	0.27809	0.24499	3.24E-03	1.96E-05	6.37E-03	0.009638	3.32E-03	1.93E-05	7.09E-03	0.010424	3.15E-03	2.45E-05	1.36E-02	1.68E-02
4854	488363.09	3861877.25	0.2267	0.26105	0.27035	3.37E-03	1.84E-05	7.03E-03	0.010426	3.45E-03	1.81E-05	7.82E-03	0.011289	3.28E-03	2.30E-05	1.50E-02	1.83E-02
4855	488863.09	3861877.25	0.24494	0.24653	0.28961	3.65E-03	1.74E-05	7.53E-03	0.011198	3.73E-03	1.71E-05	8.38E-03	0.012123	3.54E-03	2.18E-05	1.61E-02	1.97E-02
4856	489363.09	3861877.25	0.26123	0.26538	0.31817	3.89E-03	1.87E-05	8.28E-03	0.012185	3.97E-03	1.84E-05	9.21E-03	0.013198	3.77E-03	2.34E-05	1.77E-02	2.15E-02
4857	489863.09	3861877.25	0.27109	0.26918	0.32101	4.04E-03	1.90E-05	8.35E-03	0.012405	4.12E-03	1.87E-05	9.29E-03	0.013431	3.92E-03	2.38E-05	1.78E-02	2.18E-02
4858	490363.09	3861877.25	0.26071	0.26924	0.31211	3.88E-03	1.90E-05	8.12E-03	0.012019	3.97E-03	1.87E-05	9.03E-03	0.013015	3.77E-03	2.38E-05	1.73E-02	2.11E-02
4859	490863.09	3861877.25	0.28109	0.28654	0.32624	4.18E-03	2.02E-05	8.49E-03	0.012692	4.28E-03	1.99E-05	9.44E-03	0.013735	4.06E-03	2.53E-05	1.81E-02	2.22E-02
4860	491363.09	3861877.25	0.28443	0.29891	0.33975	4.23E-03	2.11E-05	8.84E-03	0.013094	4.33E-03	2.08E-05	9.83E-03	0.014178	4.11E-03	2.64E-05	1.89E-02	2.30E-02
4861	491863.09	3861877.25	0.25932	0.27758	0.30287	3.86E-03	1.96E-05	7.88E-03	0.011759	3.94E-03	1.93E-05	8.76E-03	0.012727	3.75E-03	2.45E-05	1.68E-02	2.06E-02
4862	492363.09	3861877.25	0.24268	0.24149	0.27464	3.61E-03	1.71E-05	7.14E-03	0.010774	3.69E-03	1.68E-05	7.95E-03	0.011655	3.51E-03	2.13E-05	1.53E-02	1.88E-02
4863	492863.09	3861877.25	0.23355	0.22416	0.27049	3.48E-03	1.58E-05	7.04E-03	0.010529	3.55E-03	1.56E-05	7.83E-03	0.011395	3.37E-03	1.98E-05	1.50E-02	1.84E-02
4864	493363.09	3861877.25	0.22102	0.24201	0.26393	3.29E-03	1.71E-05	6.87E-03	0.010173	3.36E-03	1.68E-05	7.64E-03	0.011016	3.19E-03	2.14E-05	1.47E-02	1.79E-02
4865	493863.09	3861877.25	0.20779	0.22014	0.25166	3.09E-03	1.55E-05	6.55E-03	0.009656	3.16E-03	1.53E-05	7.28E-03	0.010458	3.00E-03	1.94E-05	1.40E-02	1.70E-02
4866	494363.09	3861877.25	0.21085	0.21439	0.24266	3.14E-03	1.51E-05	6.31E-03	0.009467	3.21E-03	1.49E-05	7.02E-03	0.010244	3.05E-03	1.89E-05	1.35E-02	1.65E-02
4867	494863.09	3861877.25	0.20114	0.21215	0.25429	2.99E-03	1.50E-05	6.62E-03	0.009624	3.06E-03	1.47E-05	7.36E-03	0.010432	2.91E-03	1.87E-05	1.41E-02	1.71E-02
4868	495363.09	3861877.25	0.19539	0.21629	0.24291	2.91E-03	1.53E-05	6.32E-03	0.009243	2.97E-03	1.50E-05	7.03E-03	0.010016	2.82E-03	1.91E-05	1.35E-02	1.63E-02
4869	495863.09	3861877.25	0.19048	0.20694	0.2237	2.84E-03	1.46E-05	5.82E-03	0.00867	2.90E-03	1.44E-05	6.47E-03	0.009385	2.75E-03	1.83E-05	1.24E-02	1.52E-02
4870	496363.09	3861877.25	0.17343	0.19483	0.22567	2.58E-03	1.38E-05	5.87E-03	0.008466	2.64E-03	1.35E-05	6.53E-03	0.009181	2.51E-03	1.72E-05	1.25E-02	1.51E-02
4871	496863.09	3861877.25	0.18066	0.20285	0.22467	2.69E-03	1.43E-05	5.84E-03	0.008548	2.75E-03	1.41E-05	6.50E-03	0.009263	2.61E-03	1.79E-05	1.25E-02	1.51E-02
4872	497363.09	3861877.25	0.15712	0.18552	0.19554	2.34E-03	1.31E-05	5.09E-03	0.007439	2.39E-03	1.29E-05	5.66E-03	0.008061	2.27E-03	1.64E-05	1.09E-02	1.32E-02
4873	497863.09	3861877.25	0.15234	0.17239	0.18539	2.27E-03	1.22E-05	4.82E-03	0.007103	2.32E-03	1.20E-05	5.36E-03	0.007694	2.20E-03	1.52E-05	1.03E-02	1.25E-02
4874	498363.09	3861877.25	0.14309	0.15968	0.17784	2.13E-03	1.13E-05	4.63E-03	0.006768	2.18E-03	1.11E-05	5.15E-03	0.007334	2.07E-03	1.41E-05	9.88E-03	1.20E-02
4875	471363.09	3862377.25	0.08637	0.11497	0.09851	1.29E-03	8.12E-06	2.56E-03	0.003857	1.31E-03	7.99E-06	2.85E-03	0.004172	1.25E-03	1.01E-05	5.47E-03	6.73E-03
4876	471863.09	3862377.25	0.0921	0.114	0.10474	1.37E-03	8.05E-06	2.72E-03	0.004104	1.40E-03	7.92E-06	3.03E-03	0.00444	1.33E-03	1.01E-05	5.82E-03	7.16E-03
4877	472363.09	3862377.25	0.09621	0.12295	0.10845	1.43E-03	8.68E-06	2.82E-03	0.004262	1.46E-03	8.55E-06	3.14E-03	0.00461	1.39E-03	1.08E-05	6.03E-03	7.43E-03
4878	472863.09	3862377.25	0.09704	0.13599	0.10967	1.44E-03	9.60E-06	2.85E-03	0.004307	1.48E-03	9.45E-06	3.17E-03	0.004659	1.40E-03	1.20E-05	6.09E-03	7.51E-03
4879	473363.09	3862377.25	0.1013	0.13725	0.1172	1.51E-03	9.69E-06	3.05E-03	0.004567	1.54E-03	9.54E-06	3.39E-03	0.004942	1.46E-03	1.21E-05	6.51E-03	7.99E-03
4880	473863.09	3862377.25	0.10275	0.14334	0.1197	1.53E-03	1.01E-05	3.11E-03	0.004654	1.56E-03	9.96E-06	3.46E-03	0.005036	1.48E-03	1.26E-05	6.65E-03	8.15E-03
4881	474363.09	3862377.25	0.10513	0.1377	0.12096	1.56E-03	9.72E-06	3.15E-03	0.004721	1.60E-03	9.57E-06	3.50E-03	0.005109	1.52E-03	1.21E-05	6.72E-03	8.25E-03
4882	474863.09	3862377.25	0.11069	0.15644	0.1267	1.65E-03	1.10E-05	3.30E-03	0.004955	1.68E-03	1.09E-05	3.67E-03	0.005361	1.60E-03	1.38E-05	7.04E-03	8.65E-03
4883	475363.09	3862377.25	0.11531	0.16999	0.13434	1.72E-03	1.20E-05	3.49E-03	0.005223	1.75E-03	1.18E-05	3.89E-03	0.005653	1.67E-03	1.50E-05	7.46E-03	9.15E-03
4884	475863.09	3862377.25	0.12353	0.16068	0.14812	1.84E-03	1.13E-05	3.85E-03	0.005704	1.88E-03	1.12E-05	4.29E-03	0.006176	1.79E-03	1.42E-05	8.23E-03	1.00E-02

4885	476363.09	3862377.25	0.13199	0.17309	0.15465	1.96E-03	1.22E-05	4.02E-03	0.006	2.01E-03	1.20E-05	4.48E-03	0.006495	1.91E-03	1.53E-05	8.59E-03	1.05E-02
4886	476863.09	3862377.25	0.14149	0.19874	0.15748	2.11E-03	1.40E-05	4.10E-03	0.006217	2.15E-03	1.38E-05	4.56E-03	0.006723	2.04E-03	1.75E-05	8.75E-03	1.08E-02
4887	477363.09	3862377.25	0.14222	0.20665	0.1561	2.12E-03	1.46E-05	4.06E-03	0.006193	2.16E-03	1.44E-05	4.52E-03	0.006694	2.06E-03	1.82E-05	8.67E-03	1.07E-02
4888	477863.09	3862377.25	0.11888	0.18079	0.13434	1.77E-03	1.28E-05	3.49E-03	0.005277	1.81E-03	1.26E-05	3.89E-03	0.005708	1.72E-03	1.60E-05	7.46E-03	9.20E-03
4889	478363.09	3862377.25	0.09295	0.13054	0.10169	1.38E-03	9.22E-06	2.65E-03	0.004038	1.41E-03	9.07E-06	2.94E-03	0.004365	1.34E-03	1.15E-05	5.65E-03	7.01E-03
4890	478863.09	3862377.25	0.09938	0.13779	0.10838	1.48E-03	9.73E-06	2.82E-03	0.004309	1.51E-03	9.58E-06	3.14E-03	0.004657	1.44E-03	1.22E-05	6.02E-03	7.47E-03
4891	479363.09	3862377.25	0.12277	0.19297	0.13351	1.83E-03	1.36E-05	3.47E-03	0.005314	1.87E-03	1.34E-05	3.86E-03	0.005744	1.77E-03	1.70E-05	7.42E-03	9.21E-03
4892	479863.09	3862377.25	0.16526	0.24376	0.17884	2.46E-03	1.72E-05	4.65E-03	0.00713	2.51E-03	1.69E-05	5.18E-03	0.007705	2.39E-03	2.15E-05	9.94E-03	1.23E-02
4893	480363.09	3862377.25	0.15997	0.22869	0.18217	2.38E-03	1.61E-05	4.74E-03	0.007137	2.43E-03	1.59E-05	5.27E-03	0.00772	2.31E-03	2.02E-05	1.01E-02	1.25E-02
4894	480863.09	3862377.25	0.1604	0.20756	0.18082	2.39E-03	1.47E-05	4.70E-03	0.007106	2.44E-03	1.44E-05	5.23E-03	0.007686	2.32E-03	1.83E-05	1.00E-02	1.24E-02
4895	481363.09	3862377.25	0.16412	0.23106	0.1835	2.44E-03	1.63E-05	4.77E-03	0.007233	2.50E-03	1.61E-05	5.31E-03	0.007822	2.37E-03	2.04E-05	1.02E-02	1.26E-02
4896	481863.09	3862377.25	0.17122	0.23811	0.19897	2.55E-03	1.68E-05	5.18E-03	0.007742	2.60E-03	1.65E-05	5.76E-03	0.008378	2.47E-03	2.10E-05	1.11E-02	1.36E-02
4897	482363.09	3862377.25	0.17619	0.24132	0.20109	2.62E-03	1.70E-05	5.23E-03	0.007871	2.68E-03	1.68E-05	5.82E-03	0.008515	2.55E-03	2.13E-05	1.12E-02	1.37E-02
4898	482863.09	3862377.25	0.18358	0.23234	0.20643	2.73E-03	1.64E-05	5.37E-03	0.008119	2.79E-03	1.61E-05	5.97E-03	0.008782	2.65E-03	2.05E-05	1.15E-02	1.41E-02
4899	483363.09	3862377.25	0.18561	0.22857	0.20781	2.76E-03	1.61E-05	5.41E-03	0.008185	2.82E-03	1.59E-05	6.01E-03	0.008852	2.68E-03	2.02E-05	1.15E-02	1.42E-02
4900	483863.09	3862377.25	0.18801	0.24756	0.20973	2.80E-03	1.75E-05	5.46E-03	0.008272	2.86E-03	1.72E-05	6.07E-03	0.008946	2.72E-03	2.18E-05	1.17E-02	1.44E-02
4901	484363.09	3862377.25	0.18435	0.24389	0.20778	2.74E-03	1.72E-05	5.41E-03	0.008167	2.80E-03	1.70E-05	6.01E-03	0.008833	2.66E-03	2.15E-05	1.15E-02	1.42E-02
4902	484863.09	3862377.25	0.1804	0.22844	0.20576	2.69E-03	1.61E-05	5.35E-03	0.008054	2.74E-03	1.59E-05	5.95E-03	0.008714	2.61E-03	2.02E-05	1.14E-02	1.41E-02
4903	485363.09	3862377.25	0.18525	0.23795	0.20551	2.76E-03	1.68E-05	5.35E-03	0.008121	2.82E-03	1.65E-05	5.95E-03	0.008781	2.68E-03	2.10E-05	1.14E-02	1.41E-02
4904	485863.09	3862377.25	0.18349	0.27178	0.20747	2.73E-03	1.92E-05	5.40E-03	0.008148	2.79E-03	1.89E-05	6.00E-03	0.008813	2.65E-03	2.40E-05	1.15E-02	1.42E-02
4905	486363.09	3862377.25	0.19051	0.23979	0.20577	2.84E-03	1.69E-05	5.35E-03	0.008206	2.90E-03	1.67E-05	5.95E-03	0.008869	2.75E-03	2.12E-05	1.14E-02	1.42E-02
4906	486863.09	3862377.25	0.19181	0.22752	0.20894	2.86E-03	1.61E-05	5.44E-03	0.008307	2.92E-03	1.58E-05	6.05E-03	0.008979	2.77E-03	2.01E-05	1.16E-02	1.44E-02
4907	487363.09	3862377.25	0.18484	0.21894	0.21716	2.75E-03	1.55E-05	5.65E-03	0.008416	2.81E-03	1.52E-05	6.28E-03	0.00911	2.67E-03	1.93E-05	1.21E-02	1.48E-02
4908	487863.09	3862377.25	0.19454	0.24261	0.21855	2.90E-03	1.71E-05	5.69E-03	0.008599	2.96E-03	1.69E-05	6.32E-03	0.0093	2.81E-03	2.14E-05	1.21E-02	1.50E-02
4909	488363.09	3862377.25	0.19724	0.25252	0.23474	2.94E-03	1.78E-05	6.11E-03	0.009061	3.00E-03	1.76E-05	6.79E-03	0.00981	2.85E-03	2.23E-05	1.30E-02	1.59E-02
4910	488863.09	3862377.25	0.20546	0.2293	0.25473	3.06E-03	1.62E-05	6.63E-03	0.009701	3.12E-03	1.59E-05	7.37E-03	0.010512	2.97E-03	2.02E-05	1.42E-02	1.71E-02
4911	489363.09	3862377.25	0.22063	0.22376	0.26014	3.28E-03	1.58E-05	6.77E-03	0.010068	3.36E-03	1.56E-05	7.53E-03	0.010899	3.19E-03	1.97E-05	1.45E-02	1.77E-02
4912	489863.09	3862377.25	0.23263	0.24685	0.28737	3.46E-03	1.74E-05	7.48E-03	0.010956	3.54E-03	1.72E-05	8.32E-03	0.011871	3.36E-03	2.18E-05	1.60E-02	1.94E-02
4913	490363.09	3862377.25	0.23803	0.24277	0.28704	3.54E-03	1.71E-05	7.47E-03	0.011028	3.62E-03	1.69E-05	8.31E-03	0.011943	3.44E-03	2.14E-05	1.59E-02	1.94E-02
4914	490863.09	3862377.25	0.23406	0.24132	0.27666	3.48E-03	1.70E-05	7.20E-03	0.010699	3.56E-03	1.68E-05	8.01E-03	0.011582	3.38E-03	2.13E-05	1.54E-02	1.88E-02
4915	491363.09	3862377.25	0.24491	0.25806	0.29357	3.65E-03	1.82E-05	7.64E-03	0.011301	3.72E-03	1.79E-05	8.50E-03	0.012238	3.54E-03	2.28E-05	1.63E-02	1.99E-02
4916	491863.09	3862377.25	0.25015	0.26757	0.29683	3.72E-03	1.89E-05	7.72E-03	0.011465	3.80E-03	1.86E-05	8.59E-03	0.012413	3.61E-03	2.36E-05	1.65E-02	2.01E-02
4917	492363.09	3862377.25	0.23114	0.24968	0.27241	3.44E-03	1.76E-05	7.09E-03	0.010545	3.52E-03	1.74E-05	7.88E-03	0.011416	3.34E-03	2.20E-05	1.51E-02	1.85E-02
4918	492863.09	3862377.25	0.2087	0.21945	0.24197	3.11E-03	1.55E-05	6.30E-03	0.009417	3.17E-03	1.53E-05	7.00E-03	0.010191	3.02E-03	1.94E-05	1.34E-02	1.65E-02
4919	493363.09	3862377.25	0.19568	0.20543	0.2263	2.91E-03	1.45E-05	5.89E-03	0.008815	2.98E-03	1.43E-05	6.55E-03	0.009539	2.83E-03	1.81E-05	1.26E-02	1.54E-02
4920	493863.09	3862377.25	0.19911	0.20842	0.24358	2.96E-03	1.47E-05	6.34E-03	0.009315	3.03E-03	1.45E-05	7.05E-03	0.010091	2.88E-03	1.84E-05	1.35E-02	1.64E-02
4921	494363.09	3862377.25	0.18439	0.20288	0.22177	2.74E-03	1.43E-05	5.77E-03	0.008528	2.80E-03	1.41E-05	6.42E-03	0.009236	2.66E-03	1.79E-05	1.23E-02	1.50E-02
4922	494863.09	3862377.25	0.17772	0.19269	0.21555	2.65E-03	1.36E-05	5.61E-03	0.008267	2.70E-03	1.34E-05	6.24E-03	0.008954	2.57E-03	1.70E-05	1.20E-02	1.46E-02
4923	495363.09	3862377.25	0.18081	0.18466	0.21341	2.69E-03	1.30E-05	5.55E-03	0.008256	2.75E-03	1.28E-05	6.18E-03	0.008938	2.61E-03	1.63E-05	1.19E-02	1.45E-02
4924	495863.09	3862377.25	0.17491	0.18671	0.21884	2.60E-03	1.32E-05	5.69E-03	0.00831	2.66E-03	1.30E-05	6.33E-03	0.009006	2.53E-03	1.65E-05	1.22E-02	1.47E-02
4925	496363.09	3862377.25	0.16827	0.18974	0.21206	2.50E-03	1.34E-05	5.52E-03	0.008035	2.56E-03	1.32E-05	6.14E-03	0.008709	2.43E-03	1.67E-05	1.18E-02	1.42E-02
4926	496863.09	3862377.25	0.16608	0.18302	0.19672	2.47E-03	1.29E-05	5.12E-03	0.007603	2.53E-03	1.27E-05	5.69E-03	0.008231	2.40E-03	1.61E-05	1.09E-02	1.33E-02
4927	497363.09	3862377.25	0.14958	0.17197	0.19756	2.23E-03	1.21E-05	5.14E-03	0.007378	2.27E-03	1.20E-05	5.72E-03	0.008004	2.16E-03	1.52E-05	1.10E-02	1.32E-02
4928	497863.09	3862377.25	0.14546	0.1684	0.18285	2.17E-03	1.19E-05	4.76E-03	0.006934	2.21E-03	1.17E-05	5.29E-03	0.007515	2.10E-03	1.49E-05	1.02E-02	1.23E-02
4929	498363.09	3862377.25	0.13053	0.15959	0.16822	1.94E-03	1.13E-05	4.38E-03	0.006331	1.99E-03	1.11E-05	4.87E-03	0.006864	1.89E-03	1.41E-05	9.35E-03	1.12E-02
4930	471363.09	3862877.25	0.08562	0.10482	0.09682	1.27E-03	7.40E-06	2.52E-03	0.003801	1.30E-03	7.29E-06	2.80E-03	0.004111	1.24E-03	9.25E-06	5.38E-03	6.63E-03
4931	471863.09	3862877.25	0.08602	0.11704	0.09881	1.28E-03	8.26E-06	2.57E-03	0.003859	1.31E-03	8.13E-06	2.86E-03	0.004176	1.24E-03	1.03E-05	5.49E-03	6.74E-03

4932	472363.09	3862877.25	0.08969	0.11964	0.10393	1.34E-03	8.45E-06	2.70E-03	0.004047	1.36E-03	8.32E-06	3.01E-03	0.00438	1.30E-03	1.06E-05	5.77E-03	7.08E-03
4933	472863.09	3862877.25	0.0895	0.12441	0.10739	1.33E-03	8.78E-06	2.79E-03	0.004135	1.36E-03	8.65E-06	3.11E-03	0.004477	1.29E-03	1.10E-05	5.97E-03	7.27E-03
4934	473363.09	3862877.25	0.09041	0.12206	0.10916	1.35E-03	8.62E-06	2.84E-03	0.004194	1.38E-03	8.48E-06	3.16E-03	0.004542	1.31E-03	1.08E-05	6.07E-03	7.38E-03
4935	473863.09	3862877.25	0.09564	0.12285	0.11172	1.42E-03	8.67E-06	2.91E-03	0.004339	1.45E-03	8.54E-06	3.23E-03	0.004696	1.38E-03	1.08E-05	6.21E-03	7.60E-03
4936	474363.09	3862877.25	0.10005	0.14166	0.11796	1.49E-03	1.00E-05	3.07E-03	0.004568	1.52E-03	9.85E-06	3.41E-03	0.004945	1.45E-03	1.25E-05	6.55E-03	8.01E-03
4937	474863.09	3862877.25	0.10684	0.15041	0.12552	1.59E-03	1.06E-05	3.27E-03	0.004866	1.62E-03	1.05E-05	3.63E-03	0.005268	1.54E-03	1.33E-05	6.97E-03	8.53E-03
4938	475363.09	3862877.25	0.11177	0.14478	0.13554	1.66E-03	1.02E-05	3.53E-03	0.0052	1.70E-03	1.01E-05	3.92E-03	0.005632	1.62E-03	1.28E-05	7.53E-03	9.16E-03
4939	475863.09	3862877.25	0.11724	0.14538	0.13947	1.75E-03	1.03E-05	3.63E-03	0.005384	1.78E-03	1.01E-05	4.04E-03	0.005829	1.69E-03	1.28E-05	7.75E-03	9.46E-03
4940	476363.09	3862877.25	0.12126	0.16306	0.14105	1.80E-03	1.15E-05	3.67E-03	0.005486	1.84E-03	1.13E-05	4.08E-03	0.005937	1.75E-03	1.44E-05	7.84E-03	9.60E-03
4941	476863.09	3862877.25	0.12625	0.17558	0.14248	1.88E-03	1.24E-05	3.71E-03	0.005598	1.92E-03	1.22E-05	4.12E-03	0.006055	1.82E-03	1.55E-05	7.92E-03	9.76E-03
4942	477363.09	3862877.25	0.12806	0.17207	0.14367	1.91E-03	1.21E-05	3.74E-03	0.005656	1.95E-03	1.20E-05	4.16E-03	0.006117	1.85E-03	1.52E-05	7.98E-03	9.85E-03
4943	477863.09	3862877.25	0.12727	0.16498	0.14222	1.89E-03	1.16E-05	3.70E-03	0.005606	1.94E-03	1.15E-05	4.12E-03	0.006063	1.84E-03	1.46E-05	7.90E-03	9.76E-03
4944	478363.09	3862877.25	0.1083	0.15202	0.12105	1.61E-03	1.07E-05	3.15E-03	0.004772	1.65E-03	1.06E-05	3.50E-03	0.005161	1.56E-03	1.34E-05	6.73E-03	8.30E-03
4945	478863.09	3862877.25	0.11263	0.18101	0.12747	1.68E-03	1.28E-05	3.32E-03	0.005006	1.71E-03	1.26E-05	3.69E-03	0.005414	1.63E-03	1.60E-05	7.08E-03	8.73E-03
4946	479363.09	3862877.25	0.12269	0.20214	0.13346	1.83E-03	1.43E-05	3.47E-03	0.005313	1.87E-03	1.40E-05	3.86E-03	0.005742	1.77E-03	1.78E-05	7.42E-03	9.21E-03
4947	479863.09	3862877.25	0.14274	0.22551	0.16401	2.12E-03	1.59E-05	4.27E-03	0.006407	2.17E-03	1.57E-05	4.75E-03	0.006933	2.06E-03	1.99E-05	9.11E-03	1.12E-02
4948	480363.09	3862877.25	0.14261	0.18572	0.16247	2.12E-03	1.31E-05	4.23E-03	0.006363	2.17E-03	1.29E-05	4.70E-03	0.006883	2.06E-03	1.64E-05	9.03E-03	1.11E-02
4949	480863.09	3862877.25	0.14343	0.20453	0.16692	2.13E-03	1.44E-05	4.34E-03	0.006492	2.18E-03	1.42E-05	4.83E-03	0.007026	2.07E-03	1.80E-05	9.28E-03	1.14E-02
4950	481363.09	3862877.25	0.14916	0.19917	0.17661	2.22E-03	1.41E-05	4.59E-03	0.006829	2.27E-03	1.38E-05	5.11E-03	0.007393	2.16E-03	1.76E-05	9.81E-03	1.20E-02
4951	481863.09	3862877.25	0.15613	0.22659	0.18208	2.32E-03	1.60E-05	4.74E-03	0.007077	2.37E-03	1.57E-05	5.27E-03	0.007659	2.26E-03	2.00E-05	1.01E-02	1.24E-02
4952	482363.09	3862877.25	0.16022	0.21269	0.18619	2.38E-03	1.50E-05	4.84E-03	0.007244	2.44E-03	1.48E-05	5.39E-03	0.007839	2.32E-03	1.88E-05	1.03E-02	1.27E-02
4953	482863.09	3862877.25	0.1647	0.21726	0.1859	2.45E-03	1.53E-05	4.84E-03	0.007303	2.50E-03	1.51E-05	5.38E-03	0.007899	2.38E-03	1.92E-05	1.03E-02	1.27E-02
4954	483363.09	3862877.25	0.16735	0.20858	0.18785	2.49E-03	1.47E-05	4.89E-03	0.007393	2.55E-03	1.45E-05	5.44E-03	0.007996	2.42E-03	1.84E-05	1.04E-02	1.29E-02
4955	483863.09	3862877.25	0.16411	0.22903	0.18718	2.44E-03	1.62E-05	4.87E-03	0.007329	2.50E-03	1.59E-05	5.42E-03	0.007928	2.37E-03	2.02E-05	1.04E-02	1.28E-02
4956	484363.09	3862877.25	0.16114	0.20928	0.18514	2.40E-03	1.48E-05	4.82E-03	0.00723	2.45E-03	1.45E-05	5.36E-03	0.007823	2.33E-03	1.85E-05	1.03E-02	1.26E-02
4957	484863.09	3862877.25	0.15627	0.19414	0.1839	2.33E-03	1.37E-05	4.78E-03	0.007124	2.38E-03	1.35E-05	5.32E-03	0.007712	2.26E-03	1.71E-05	1.02E-02	1.25E-02
4958	485363.09	3862877.25	0.16262	0.21173	0.18915	2.42E-03	1.49E-05	4.92E-03	0.007356	2.47E-03	1.47E-05	5.47E-03	0.007961	2.35E-03	1.87E-05	1.05E-02	1.29E-02
4959	485863.09	3862877.25	0.16331	0.24003	0.18505	2.43E-03	1.69E-05	4.81E-03	0.007262	2.48E-03	1.67E-05	5.35E-03	0.007855	2.36E-03	2.12E-05	1.03E-02	1.27E-02
4960	486363.09	3862877.25	0.16955	0.21446	0.18655	2.52E-03	1.51E-05	4.85E-03	0.007392	2.58E-03	1.49E-05	5.40E-03	0.007992	2.45E-03	1.89E-05	1.04E-02	1.28E-02
4961	486863.09	3862877.25	0.17342	0.21581	0.18664	2.58E-03	1.52E-05	4.86E-03	0.007452	2.64E-03	1.50E-05	5.40E-03	0.008053	2.51E-03	1.90E-05	1.04E-02	1.29E-02
4962	487363.09	3862877.25	0.16578	0.19245	0.19713	2.47E-03	1.36E-05	5.13E-03	0.00761	2.52E-03	1.34E-05	5.70E-03	0.008239	2.40E-03	1.70E-05	1.10E-02	1.34E-02
4963	487863.09	3862877.25	0.17238	0.1989	0.19988	2.57E-03	1.40E-05	5.20E-03	0.00778	2.62E-03	1.38E-05	5.78E-03	0.00842	2.49E-03	1.75E-05	1.11E-02	1.36E-02
4964	488363.09	3862877.25	0.1653	0.21959	0.20245	2.46E-03	1.55E-05	5.27E-03	0.007743	2.51E-03	1.53E-05	5.86E-03	0.008388	2.39E-03	1.94E-05	1.12E-02	1.37E-02
4965	488863.09	3862877.25	0.17247	0.21924	0.21805	2.57E-03	1.55E-05	5.67E-03	0.008255	2.62E-03	1.52E-05	6.31E-03	0.008948	2.49E-03	1.93E-05	1.21E-02	1.46E-02
4966	489363.09	3862877.25	0.19226	0.20777	0.23388	2.86E-03	1.47E-05	6.08E-03	0.008961	2.92E-03	1.44E-05	6.77E-03	0.009706	2.78E-03	1.83E-05	1.30E-02	1.58E-02
4967	489863.09	3862877.25	0.20827	0.21915	0.25318	3.10E-03	1.55E-05	6.59E-03	0.009702	3.17E-03	1.52E-05	7.33E-03	0.010509	3.01E-03	1.93E-05	1.41E-02	1.71E-02
4968	490363.09	3862877.25	0.20986	0.22291	0.25696	3.12E-03	1.57E-05	6.69E-03	0.009825	3.19E-03	1.55E-05	7.44E-03	0.010643	3.03E-03	1.97E-05	1.43E-02	1.73E-02
4969	490863.09	3862877.25	0.20916	0.21647	0.2466	3.11E-03	1.53E-05	6.42E-03	0.009544	3.18E-03	1.50E-05	7.14E-03	0.010332	3.02E-03	1.91E-05	1.37E-02	1.67E-02
4970	491363.09	3862877.25	0.20898	0.22361	0.25176	3.11E-03	1.58E-05	6.55E-03	0.009676	3.18E-03	1.55E-05	7.29E-03	0.010479	3.02E-03	1.97E-05	1.40E-02	1.70E-02
4971	491863.09	3862877.25	0.21335	0.23043	0.25943	3.18E-03	1.63E-05	6.75E-03	0.009941	3.24E-03	1.60E-05	7.51E-03	0.010768	3.08E-03	2.03E-05	1.44E-02	1.75E-02
4972	492363.09	3862877.25	0.22236	0.24175	0.26818	3.31E-03	1.71E-05	6.98E-03	0.010304	3.38E-03	1.68E-05	7.76E-03	0.011159	3.21E-03	2.13E-05	1.49E-02	1.81E-02
4973	492863.09	3862877.25	0.20834	0.23073	0.24766	3.10E-03	1.63E-05	6.44E-03	0.00956	3.17E-03	1.60E-05	7.17E-03	0.010351	3.01E-03	2.04E-05	1.38E-02	1.68E-02
4974	493363.09	3862877.25	0.18602	0.20254	0.21992	2.77E-03	1.43E-05	5.72E-03	0.008505	2.83E-03	1.41E-05	6.36E-03	0.009207	2.69E-03	1.79E-05	1.22E-02	1.49E-02
4975	493863.09	3862877.25	0.17573	0.1898	0.20591	2.62E-03	1.34E-05	5.36E-03	0.007986	2.67E-03	1.32E-05	5.96E-03	0.008644	2.54E-03	1.67E-05	1.14E-02	1.40E-02
4976	494363.09	3862877.25	0.17979	0.18682	0.21016	2.68E-03	1.32E-05	5.47E-03	0.008157	2.73E-03	1.30E-05	6.08E-03	0.008829	2.60E-03	1.65E-05	1.17E-02	1.43E-02
4977	494863.09	3862877.25	0.16631	0.1955	0.20362	2.48E-03	1.38E-05	5.30E-03	0.007787	2.53E-03	1.36E-05	5.89E-03	0.008435	2.40E-03	1.72E-05	1.13E-02	1.37E-02
4978	495363.09	3862877.25	0.15608	0.1705	0.19304	2.32E-03	1.20E-05	5.02E-03	0.007357	2.37E-03	1.19E-05	5.59E-03	0.007972	2.26E-03	1.50E-05	1.07E-02	1.30E-02

4979	495863.09	3862877.25	0.1583	0.17035	0.18579	2.36E-03	1.20E-05	4.83E-03	0.007202	2.41E-03	1.18E-05	5.38E-03	0.007796	2.29E-03	1.50E-05	1.03E-02	1.26E-02
4980	496363.09	3862877.25	0.16218	0.16411	0.19246	2.41E-03	1.16E-05	5.01E-03	0.007433	2.47E-03	1.14E-05	5.57E-03	0.008047	2.34E-03	1.45E-05	1.07E-02	1.31E-02
4981	496863.09	3862877.25	0.15591	0.17096	0.19575	2.32E-03	1.21E-05	5.09E-03	0.007425	2.37E-03	1.19E-05	5.66E-03	0.008048	2.25E-03	1.51E-05	1.09E-02	1.31E-02
4982	497363.09	3862877.25	0.14698	0.17166	0.18883	2.19E-03	1.21E-05	4.91E-03	0.007112	2.24E-03	1.19E-05	5.46E-03	0.007712	2.12E-03	1.51E-05	1.05E-02	1.26E-02
4983	497863.09	3862877.25	0.14303	0.16431	0.17345	2.13E-03	1.16E-05	4.51E-03	0.006653	2.18E-03	1.14E-05	5.02E-03	0.007206	2.07E-03	1.45E-05	9.64E-03	1.17E-02
4984	498363.09	3862877.25	0.13206	0.15483	0.1717	1.97E-03	1.09E-05	4.47E-03	0.006444	2.01E-03	1.08E-05	4.97E-03	0.006988	1.91E-03	1.37E-05	9.54E-03	1.15E-02
4985	471363.09	3863377.25	0.07975	0.10438	0.09313	1.19E-03	7.37E-06	2.42E-03	0.003617	1.21E-03	7.25E-06	2.69E-03	0.003915	1.15E-03	9.21E-06	5.17E-03	6.34E-03
4986	471863.09	3863377.25	0.0789	0.1094	0.09654	1.17E-03	7.72E-06	2.51E-03	0.003694	1.20E-03	7.60E-06	2.79E-03	0.004001	1.14E-03	9.65E-06	5.36E-03	6.51E-03
4987	472363.09	3863377.25	0.0811	0.11428	0.09969	1.21E-03	8.07E-06	2.59E-03	0.003809	1.23E-03	7.94E-06	2.88E-03	0.004126	1.17E-03	1.01E-05	5.54E-03	6.72E-03
4988	472863.09	3863377.25	0.08415	0.10603	0.10128	1.25E-03	7.49E-06	2.63E-03	0.003895	1.28E-03	7.37E-06	2.93E-03	0.004218	1.22E-03	9.36E-06	5.63E-03	6.85E-03
4989	473363.09	3863377.25	0.08711	0.1145	0.10568	1.30E-03	8.08E-06	2.75E-03	0.004054	1.32E-03	7.96E-06	3.06E-03	0.004391	1.26E-03	1.01E-05	5.87E-03	7.14E-03
4990	473863.09	3863377.25	0.09032	0.13134	0.10896	1.34E-03	9.27E-06	2.83E-03	0.004188	1.37E-03	9.13E-06	3.15E-03	0.004536	1.31E-03	1.16E-05	6.05E-03	7.37E-03
4991	474363.09	3863377.25	0.09737	0.13408	0.11593	1.45E-03	9.47E-06	3.02E-03	0.004475	1.48E-03	9.32E-06	3.35E-03	0.004845	1.41E-03	1.18E-05	6.44E-03	7.86E-03
4992	474863.09	3863377.25	0.10021	0.12964	0.12295	1.49E-03	9.15E-06	3.20E-03	0.004699	1.52E-03	9.01E-06	3.56E-03	0.005091	1.45E-03	1.14E-05	6.83E-03	8.29E-03
4993	475363.09	3863377.25	0.10228	0.13421	0.12414	1.52E-03	9.48E-06	3.23E-03	0.004762	1.56E-03	9.33E-06	3.59E-03	0.005157	1.48E-03	1.18E-05	6.90E-03	8.39E-03
4994	475863.09	3863377.25	0.10429	0.13852	0.12558	1.55E-03	9.78E-06	3.27E-03	0.004829	1.59E-03	9.63E-06	3.63E-03	0.00523	1.51E-03	1.22E-05	6.98E-03	8.50E-03
4995	476363.09	3863377.25	0.10777	0.14638	0.12949	1.60E-03	1.03E-05	3.37E-03	0.004983	1.64E-03	1.02E-05	3.75E-03	0.005396	1.56E-03	1.29E-05	7.20E-03	8.77E-03
4996	476863.09	3863377.25	0.11129	0.14291	0.13005	1.66E-03	1.01E-05	3.38E-03	0.00505	1.69E-03	9.93E-06	3.76E-03	0.005466	1.61E-03	1.26E-05	7.23E-03	8.85E-03
4997	477363.09	3863377.25	0.11314	0.15402	0.1345	1.68E-03	1.09E-05	3.50E-03	0.005194	1.72E-03	1.07E-05	3.89E-03	0.005623	1.63E-03	1.36E-05	7.47E-03	9.12E-03
4998	477863.09	3863377.25	0.12052	0.15417	0.13612	1.79E-03	1.09E-05	3.54E-03	0.005346	1.83E-03	1.07E-05	3.94E-03	0.005783	1.74E-03	1.36E-05	7.56E-03	9.32E-03
4999	478363.09	3863377.25	0.12067	0.19064	0.13322	1.80E-03	1.35E-05	3.47E-03	0.005275	1.84E-03	1.32E-05	3.86E-03	0.005704	1.74E-03	1.68E-05	7.40E-03	9.16E-03
5000	478863.09	3863377.25	0.12628	0.20491	0.13882	1.88E-03	1.45E-05	3.61E-03	0.005506	1.92E-03	1.42E-05	4.02E-03	0.005952	1.82E-03	1.81E-05	7.71E-03	9.56E-03
5001	479363.09	3863377.25	0.12794	0.20367	0.14314	1.90E-03	1.44E-05	3.72E-03	0.005643	1.95E-03	1.42E-05	4.14E-03	0.006102	1.85E-03	1.80E-05	7.95E-03	9.82E-03
5002	479863.09	3863377.25	0.12899	0.17916	0.14858	1.92E-03	1.27E-05	3.87E-03	0.005798	1.96E-03	1.25E-05	4.30E-03	0.006274	1.86E-03	1.58E-05	8.26E-03	1.01E-02
5003	480363.09	3863377.25	0.12819	0.16909	0.15309	1.91E-03	1.19E-05	3.98E-03	0.005903	1.95E-03	1.18E-05	4.43E-03	0.006391	1.85E-03	1.49E-05	8.51E-03	1.04E-02
5004	480863.09	3863377.25	0.13485	0.18767	0.15868	2.01E-03	1.33E-05	4.13E-03	0.006149	2.05E-03	1.30E-05	4.59E-03	0.006656	1.95E-03	1.66E-05	8.82E-03	1.08E-02
5005	481363.09	3863377.25	0.13614	0.18804	0.16103	2.03E-03	1.33E-05	4.19E-03	0.006229	2.07E-03	1.31E-05	4.66E-03	0.006743	1.97E-03	1.66E-05	8.95E-03	1.09E-02
5006	481863.09	3863377.25	0.14084	0.20871	0.16864	2.10E-03	1.47E-05	4.39E-03	0.006498	2.14E-03	1.45E-05	4.88E-03	0.007037	2.04E-03	1.84E-05	9.37E-03	1.14E-02
5007	482363.09	3863377.25	0.14639	0.20173	0.16718	2.18E-03	1.42E-05	4.35E-03	0.006543	2.23E-03	1.40E-05	4.84E-03	0.007078	2.12E-03	1.78E-05	9.29E-03	1.14E-02
5008	482863.09	3863377.25	0.14686	0.18827	0.1684	2.19E-03	1.33E-05	4.38E-03	0.00658	2.23E-03	1.31E-05	4.87E-03	0.00712	2.12E-03	1.66E-05	9.36E-03	1.15E-02
5009	483363.09	3863377.25	0.14953	0.20001	0.16823	2.23E-03	1.41E-05	4.38E-03	0.006616	2.27E-03	1.39E-05	4.87E-03	0.007156	2.16E-03	1.76E-05	9.35E-03	1.15E-02
5010	483863.09	3863377.25	0.14473	0.2144	0.16467	2.15E-03	1.51E-05	4.28E-03	0.006453	2.20E-03	1.49E-05	4.77E-03	0.006981	2.09E-03	1.89E-05	9.15E-03	1.13E-02
5011	484363.09	3863377.25	0.14214	0.18787	0.16689	2.12E-03	1.33E-05	4.34E-03	0.006471	2.16E-03	1.31E-05	4.83E-03	0.007004	2.05E-03	1.66E-05	9.27E-03	1.13E-02
5012	484863.09	3863377.25	0.14051	0.17384	0.16728	2.09E-03	1.23E-05	4.35E-03	0.006456	2.14E-03	1.21E-05	4.84E-03	0.00699	2.03E-03	1.53E-05	9.30E-03	1.13E-02
5013	485363.09	3863377.25	0.14533	0.18786	0.16966	2.16E-03	1.33E-05	4.41E-03	0.00659	2.21E-03	1.31E-05	4.91E-03	0.007133	2.10E-03	1.66E-05	9.43E-03	1.15E-02
5014	485863.09	3863377.25	0.14672	0.20379	0.16735	2.18E-03	1.44E-05	4.35E-03	0.006552	2.23E-03	1.42E-05	4.84E-03	0.007088	2.12E-03	1.80E-05	9.30E-03	1.14E-02
5015	486363.09	3863377.25	0.14906	0.1997	0.17213	2.22E-03	1.41E-05	4.48E-03	0.006711	2.27E-03	1.39E-05	4.98E-03	0.007262	2.15E-03	1.76E-05	9.56E-03	1.17E-02
5016	486863.09	3863377.25	0.1558	0.19747	0.17516	2.32E-03	1.39E-05	4.56E-03	0.00689	2.37E-03	1.37E-05	5.07E-03	0.007452	2.25E-03	1.74E-05	9.73E-03	1.20E-02
5017	487363.09	3863377.25	0.14878	0.18302	0.17959	2.21E-03	1.29E-05	4.67E-03	0.0069	2.26E-03	1.27E-05	5.20E-03	0.007472	2.15E-03	1.61E-05	9.98E-03	1.21E-02
5018	487863.09	3863377.25	0.15144	0.17667	0.18373	2.25E-03	1.25E-05	4.78E-03	0.007047	2.30E-03	1.23E-05	5.32E-03	0.007632	2.19E-03	1.56E-05	1.02E-02	1.24E-02
5019	488363.09	3863377.25	0.1505	0.19161	0.18601	2.24E-03	1.35E-05	4.84E-03	0.007093	2.29E-03	1.33E-05	5.38E-03	0.007685	2.17E-03	1.69E-05	1.03E-02	1.25E-02
5020	488863.09	3863377.25	0.15188	0.20125	0.18871	2.26E-03	1.42E-05	4.91E-03	0.007184	2.31E-03	1.40E-05	5.46E-03	0.007785	2.19E-03	1.78E-05	1.05E-02	1.27E-02
5021	489363.09	3863377.25	0.1673	0.19068	0.21243	2.49E-03	1.35E-05	5.53E-03	0.00803	2.54E-03	1.33E-05	6.15E-03	0.008705	2.42E-03	1.68E-05	1.18E-02	1.42E-02
5022	489863.09	3863377.25	0.17271	0.18523	0.21157	2.57E-03	1.31E-05	5.50E-03	0.008088	2.63E-03	1.29E-05	6.12E-03	0.008762	2.50E-03	1.63E-05	1.18E-02	1.43E-02
5023	490363.09	3863377.25	0.18973	0.20884	0.23592	2.82E-03	1.47E-05	6.14E-03	0.008977	2.89E-03	1.45E-05	6.83E-03	0.009727	2.74E-03	1.84E-05	1.31E-02	1.59E-02
5024	490863.09	3863377.25	0.19149	0.20515	0.23604	2.85E-03	1.45E-05	6.14E-03	0.009006	2.91E-03	1.43E-05	6.83E-03	0.009757	2.77E-03	1.81E-05	1.31E-02	1.59E-02
5025	491363.09	3863377.25	0.19191	0.19897	0.22871	2.86E-03	1.40E-05	5.95E-03	0.008821	2.92E-03	1.38E-05	6.62E-03	0.009551	2.77E-03	1.76E-05	1.27E-02	1.55E-02

5026	491863.09	3863377.25	0.1833	0.20072	0.22797	2.73E-03	1.42E-05	5.93E-03	0.008673	2.79E-03	1.40E-05	6.60E-03	0.009399	2.65E-03	1.77E-05	1.27E-02	1.53E-02
5027	492363.09	3863377.25	0.18981	0.21396	0.23725	2.83E-03	1.51E-05	6.17E-03	0.009013	2.89E-03	1.49E-05	6.87E-03	0.009767	2.74E-03	1.89E-05	1.32E-02	1.59E-02
5028	492863.09	3863377.25	0.20456	0.22642	0.25025	3.04E-03	1.60E-05	6.51E-03	0.009571	3.11E-03	1.57E-05	7.24E-03	0.010368	2.96E-03	2.00E-05	1.39E-02	1.69E-02
5029	493363.09	3863377.25	0.19557	0.22424	0.24145	2.91E-03	1.58E-05	6.28E-03	0.009208	2.97E-03	1.56E-05	6.99E-03	0.009977	2.83E-03	1.98E-05	1.34E-02	1.63E-02
5030	493863.09	3863377.25	0.17458	0.19814	0.21236	2.60E-03	1.40E-05	5.52E-03	0.008137	2.66E-03	1.38E-05	6.15E-03	0.008814	2.52E-03	1.75E-05	1.18E-02	1.43E-02
5031	494363.09	3863377.25	0.16571	0.18011	0.19395	2.47E-03	1.27E-05	5.05E-03	0.007525	2.52E-03	1.25E-05	5.61E-03	0.008145	2.39E-03	1.59E-05	1.08E-02	1.32E-02
5032	494863.09	3863377.25	0.16063	0.16298	0.19381	2.39E-03	1.15E-05	5.04E-03	0.007445	2.44E-03	1.13E-05	5.61E-03	0.008063	2.32E-03	1.44E-05	1.08E-02	1.31E-02
5033	495363.09	3863377.25	0.16036	0.17555	0.20595	2.39E-03	1.24E-05	5.36E-03	0.007757	2.44E-03	1.22E-05	5.96E-03	0.008411	2.32E-03	1.55E-05	1.14E-02	1.38E-02
5034	495863.09	3863377.25	0.15074	0.16977	0.18264	2.24E-03	1.20E-05	4.75E-03	0.007007	2.29E-03	1.18E-05	5.29E-03	0.007589	2.18E-03	1.50E-05	1.01E-02	1.23E-02
5035	496363.09	3863377.25	0.13843	0.15893	0.17323	2.06E-03	1.12E-05	4.51E-03	0.006578	2.11E-03	1.10E-05	5.01E-03	0.007129	2.00E-03	1.40E-05	9.63E-03	1.16E-02
5036	496863.09	3863377.25	0.14026	0.1488	0.16482	2.09E-03	1.05E-05	4.29E-03	0.006386	2.13E-03	1.03E-05	4.77E-03	0.006913	2.03E-03	1.31E-05	9.16E-03	1.12E-02
5037	497363.09	3863377.25	0.13868	0.14646	0.17587	2.06E-03	1.03E-05	4.58E-03	0.00665	2.11E-03	1.02E-05	5.09E-03	0.007209	2.00E-03	1.29E-05	9.77E-03	1.18E-02
5038	497863.09	3863377.25	0.13958	0.15682	0.17403	2.08E-03	1.11E-05	4.53E-03	0.006616	2.12E-03	1.09E-05	5.04E-03	0.00717	2.02E-03	1.38E-05	9.67E-03	1.17E-02
5039	498363.09	3863377.25	0.13112	0.15456	0.16999	1.95E-03	1.09E-05	4.42E-03	0.006385	1.99E-03	1.07E-05	4.92E-03	0.006924	1.89E-03	1.36E-05	9.45E-03	1.14E-02
5040	471363.09	3863877.25	0.07403	0.09524	0.09036	1.10E-03	6.72E-06	2.35E-03	0.003459	1.13E-03	6.62E-06	2.61E-03	0.003747	1.07E-03	8.40E-06	5.02E-03	6.10E-03
5041	471863.09	3863877.25	0.07741	0.10043	0.09273	1.15E-03	7.09E-06	2.41E-03	0.003572	1.18E-03	6.98E-06	2.68E-03	0.003868	1.12E-03	8.86E-06	5.15E-03	6.28E-03
5042	472363.09	3863877.25	0.0787	0.09595	0.09557	1.17E-03	6.77E-06	2.49E-03	0.003665	1.20E-03	6.67E-06	2.77E-03	0.003969	1.14E-03	8.47E-06	5.31E-03	6.46E-03
5043	472863.09	3863877.25	0.08005	0.11259	0.09763	1.19E-03	7.95E-06	2.54E-03	0.003739	1.22E-03	7.83E-06	2.83E-03	0.00405	1.16E-03	9.93E-06	5.42E-03	6.59E-03
5044	473363.09	3863877.25	0.08229	0.11965	0.101	1.22E-03	8.45E-06	2.63E-03	0.003861	1.25E-03	8.32E-06	2.92E-03	0.004183	1.19E-03	1.06E-05	5.61E-03	6.81E-03
5045	473863.09	3863877.25	0.08726	0.12532	0.10707	1.30E-03	8.85E-06	2.79E-03	0.004093	1.33E-03	8.71E-06	3.10E-03	0.004434	1.26E-03	1.11E-05	5.95E-03	7.22E-03
5046	474363.09	3863877.25	0.08848	0.12148	0.11016	1.32E-03	8.58E-06	2.87E-03	0.004191	1.35E-03	8.44E-06	3.19E-03	0.004542	1.28E-03	1.07E-05	6.12E-03	7.41E-03
5047	474863.09	3863877.25	0.09012	0.11834	0.11373	1.34E-03	8.36E-06	2.96E-03	0.004309	1.37E-03	8.22E-06	3.29E-03	0.00467	1.30E-03	1.04E-05	6.32E-03	7.63E-03
5048	475363.09	3863877.25	0.09437	0.12607	0.11446	1.40E-03	8.90E-06	2.98E-03	0.004391	1.44E-03	8.76E-06	3.31E-03	0.004756	1.36E-03	1.11E-05	6.36E-03	7.73E-03
5049	475863.09	3863877.25	0.09647	0.12716	0.11721	1.44E-03	8.98E-06	3.05E-03	0.004494	1.47E-03	8.84E-06	3.39E-03	0.004868	1.39E-03	1.12E-05	6.51E-03	7.92E-03
5050	476363.09	3863877.25	0.098	0.13051	0.11812	1.46E-03	9.22E-06	3.07E-03	0.004541	1.49E-03	9.07E-06	3.42E-03	0.004918	1.42E-03	1.15E-05	6.56E-03	7.99E-03
5051	476863.09	3863877.25	0.09786	0.13358	0.11961	1.46E-03	9.43E-06	3.11E-03	0.004578	1.49E-03	9.28E-06	3.46E-03	0.004959	1.41E-03	1.18E-05	6.65E-03	8.07E-03
5052	477363.09	3863877.25	0.10144	0.13318	0.12092	1.51E-03	9.40E-06	3.15E-03	0.004665	1.54E-03	9.26E-06	3.50E-03	0.005051	1.47E-03	1.18E-05	6.72E-03	8.20E-03
5053	477863.09	3863877.25	0.10615	0.15802	0.12371	1.58E-03	1.12E-05	3.22E-03	0.00481	1.61E-03	1.10E-05	3.58E-03	0.005205	1.53E-03	1.39E-05	6.87E-03	8.42E-03
5054	478363.09	3863877.25	0.11341	0.18764	0.12659	1.69E-03	1.32E-05	3.29E-03	0.004995	1.72E-03	1.30E-05	3.66E-03	0.005401	1.64E-03	1.66E-05	7.03E-03	8.69E-03
5055	478863.09	3863877.25	0.11436	0.17931	0.12869	1.70E-03	1.27E-05	3.35E-03	0.005063	1.74E-03	1.25E-05	3.72E-03	0.005476	1.65E-03	1.58E-05	7.15E-03	8.82E-03
5056	479363.09	3863877.25	0.11641	0.16954	0.13396	1.73E-03	1.20E-05	3.49E-03	0.00523	1.77E-03	1.18E-05	3.88E-03	0.005659	1.68E-03	1.50E-05	7.44E-03	9.14E-03
5057	479863.09	3863877.25	0.11671	0.15684	0.14084	1.74E-03	1.11E-05	3.66E-03	0.005412	1.78E-03	1.09E-05	4.08E-03	0.005861	1.69E-03	1.38E-05	7.83E-03	9.53E-03
5058	480363.09	3863877.25	0.12285	0.16534	0.14348	1.83E-03	1.17E-05	3.73E-03	0.005573	1.87E-03	1.15E-05	4.15E-03	0.006032	1.78E-03	1.46E-05	7.97E-03	9.76E-03
5059	480863.09	3863877.25	0.12274	0.16708	0.14341	1.83E-03	1.18E-05	3.73E-03	0.00557	1.87E-03	1.16E-05	4.15E-03	0.006028	1.77E-03	1.47E-05	7.97E-03	9.76E-03
5060	481363.09	3863877.25	0.12173	0.18691	0.14828	1.81E-03	1.32E-05	3.86E-03	0.005683	1.85E-03	1.30E-05	4.29E-03	0.006155	1.76E-03	1.65E-05	8.24E-03	1.00E-02
5061	481863.09	3863877.25	0.13004	0.18941	0.15176	1.94E-03	1.34E-05	3.95E-03	0.005897	1.98E-03	1.32E-05	4.39E-03	0.006382	1.88E-03	1.67E-05	8.43E-03	1.03E-02
5062	482363.09	3863877.25	0.13296	0.17665	0.15255	1.98E-03	1.25E-05	3.97E-03	0.00596	2.02E-03	1.23E-05	4.41E-03	0.006449	1.92E-03	1.56E-05	8.48E-03	1.04E-02
5063	482863.09	3863877.25	0.13317	0.17937	0.15057	1.98E-03	1.27E-05	3.92E-03	0.005912	2.03E-03	1.25E-05	4.36E-03	0.006395	1.92E-03	1.58E-05	8.37E-03	1.03E-02
5064	483363.09	3863877.25	0.13338	0.18556	0.15057	1.99E-03	1.31E-05	3.92E-03	0.005916	2.03E-03	1.29E-05	4.36E-03	0.006399	1.93E-03	1.64E-05	8.37E-03	1.03E-02
5065	483863.09	3863877.25	0.13127	0.18744	0.14832	1.95E-03	1.32E-05	3.86E-03	0.005826	2.00E-03	1.30E-05	4.29E-03	0.006301	1.90E-03	1.65E-05	8.24E-03	1.02E-02
5066	484363.09	3863877.25	0.12826	0.16355	0.15507	1.91E-03	1.15E-05	4.03E-03	0.005955	1.95E-03	1.14E-05	4.49E-03	0.006449	1.85E-03	1.44E-05	8.62E-03	1.05E-02
5067	484863.09	3863877.25	0.12782	0.16525	0.15366	1.90E-03	1.17E-05	4.00E-03	0.005912	1.94E-03	1.15E-05	4.45E-03	0.006402	1.85E-03	1.46E-05	8.54E-03	1.04E-02
5068	485363.09	3863877.25	0.13055	0.17596	0.15531	1.94E-03	1.24E-05	4.04E-03	0.005996	1.99E-03	1.22E-05	4.49E-03	0.006492	1.89E-03	1.55E-05	8.63E-03	1.05E-02
5069	485863.09	3863877.25	0.13184	0.17688	0.15135	1.96E-03	1.25E-05	3.94E-03	0.005912	2.01E-03	1.23E-05	4.38E-03	0.006397	1.91E-03	1.56E-05	8.41E-03	1.03E-02
5070	486363.09	3863877.25	0.13289	0.19146	0.15714	1.98E-03	1.35E-05	4.09E-03	0.00608	2.02E-03	1.33E-05	4.55E-03	0.006582	1.92E-03	1.69E-05	8.73E-03	1.07E-02
5071	486863.09	3863877.25	0.13886	0.18297	0.15958	2.07E-03	1.29E-05	4.15E-03	0.006231	2.11E-03	1.27E-05	4.62E-03	0.006742	2.01E-03	1.61E-05	8.87E-03	1.09E-02
5072	487363.09	3863877.25	0.13382	0.17353	0.15415	1.99E-03	1.23E-05	4.01E-03	0.006014	2.04E-03	1.21E-05	4.46E-03	0.006508	1.93E-03	1.53E-05	8.57E-03	1.05E-02

5073	487863.09	3863877.25	0.13748	0.16293	0.16974	2.05E-03	1.15E-05	4.42E-03	0.006474	2.09E-03	1.13E-05	4.91E-03	0.007014	1.99E-03	1.44E-05	9.43E-03	1.14E-02
5074	488363.09	3863877.25	0.14108	0.1706	0.16735	2.10E-03	1.20E-05	4.35E-03	0.006466	2.15E-03	1.19E-05	4.84E-03	0.007	2.04E-03	1.51E-05	9.30E-03	1.14E-02
5075	488863.09	3863877.25	0.13681	0.17446	0.16542	2.04E-03	1.23E-05	4.30E-03	0.006352	2.08E-03	1.21E-05	4.79E-03	0.00688	1.98E-03	1.54E-05	9.19E-03	1.12E-02
5076	489363.09	3863877.25	0.14104	0.17889	0.18098	2.10E-03	1.26E-05	4.71E-03	0.00682	2.15E-03	1.24E-05	5.24E-03	0.007395	2.04E-03	1.58E-05	1.01E-02	1.21E-02
5077	489863.09	3863877.25	0.15855	0.17379	0.19686	2.36E-03	1.23E-05	5.12E-03	0.007494	2.41E-03	1.21E-05	5.70E-03	0.00812	2.29E-03	1.53E-05	1.09E-02	1.32E-02
5078	490363.09	3863877.25	0.16781	0.17842	0.20741	2.50E-03	1.26E-05	5.40E-03	0.007906	2.55E-03	1.24E-05	6.00E-03	0.008566	2.42E-03	1.57E-05	1.15E-02	1.40E-02
5079	490863.09	3863877.25	0.17072	0.19425	0.21135	2.54E-03	1.37E-05	5.50E-03	0.008053	2.60E-03	1.35E-05	6.12E-03	0.008726	2.47E-03	1.71E-05	1.17E-02	1.42E-02
5080	491363.09	3863877.25	0.17506	0.19349	0.20907	2.61E-03	1.37E-05	5.44E-03	0.008059	2.66E-03	1.34E-05	6.05E-03	0.008726	2.53E-03	1.71E-05	1.16E-02	1.42E-02
5081	491863.09	3863877.25	0.17703	0.18956	0.21294	2.64E-03	1.34E-05	5.54E-03	0.008188	2.69E-03	1.32E-05	6.16E-03	0.008867	2.56E-03	1.67E-05	1.18E-02	1.44E-02
5082	492363.09	3863877.25	0.17634	0.18709	0.2135	2.62E-03	1.32E-05	5.55E-03	0.008192	2.68E-03	1.30E-05	6.18E-03	0.008873	2.55E-03	1.65E-05	1.19E-02	1.44E-02
5083	492863.09	3863877.25	0.20752	0.2255	0.24961	3.09E-03	1.59E-05	6.49E-03	0.009599	3.16E-03	1.57E-05	7.22E-03	0.010395	3.00E-03	1.99E-05	1.39E-02	1.69E-02
5084	493363.09	3863877.25	0.21683	0.23385	0.25813	3.23E-03	1.65E-05	6.72E-03	0.009959	3.30E-03	1.63E-05	7.47E-03	0.010784	3.13E-03	2.06E-05	1.43E-02	1.75E-02
5085	493863.09	3863877.25	0.20352	0.2122	0.22537	3.03E-03	1.50E-05	5.86E-03	0.008908	3.10E-03	1.47E-05	6.52E-03	0.009632	2.94E-03	1.87E-05	1.25E-02	1.55E-02
5086	494363.09	3863877.25	0.16823	0.18409	0.19928	2.50E-03	1.30E-05	5.18E-03	0.007702	2.56E-03	1.28E-05	5.77E-03	0.008338	2.43E-03	1.62E-05	1.11E-02	1.35E-02
5087	494863.09	3863877.25	0.15396	0.16232	0.18184	2.29E-03	1.15E-05	4.73E-03	0.007034	2.34E-03	1.13E-05	5.26E-03	0.007615	2.22E-03	1.43E-05	1.01E-02	1.23E-02
5088	495363.09	3863877.25	0.14365	0.15693	0.16557	2.14E-03	1.11E-05	4.31E-03	0.006457	2.18E-03	1.09E-05	4.79E-03	0.006987	2.08E-03	1.38E-05	9.20E-03	1.13E-02
5089	495863.09	3863877.25	0.14887	0.16057	0.17811	2.22E-03	1.13E-05	4.63E-03	0.006861	2.26E-03	1.12E-05	5.15E-03	0.007429	2.15E-03	1.42E-05	9.90E-03	1.21E-02
5090	496363.09	3863877.25	0.13514	0.16559	0.16911	2.01E-03	1.17E-05	4.40E-03	0.006423	2.06E-03	1.15E-05	4.89E-03	0.00696	1.95E-03	1.46E-05	9.40E-03	1.14E-02
5091	496863.09	3863877.25	0.12466	0.14263	0.16231	1.86E-03	1.01E-05	4.22E-03	0.006088	1.90E-03	9.91E-06	4.70E-03	0.006603	1.80E-03	1.26E-05	9.02E-03	1.08E-02
5092	497363.09	3863877.25	0.12309	0.14244	0.15449	1.83E-03	1.01E-05	4.02E-03	0.005861	1.87E-03	9.90E-06	4.47E-03	0.006352	1.78E-03	1.26E-05	8.58E-03	1.04E-02
5093	497863.09	3863877.25	0.12879	0.13845	0.15241	1.92E-03	9.78E-06	3.97E-03	0.005892	1.96E-03	9.62E-06	4.41E-03	0.006379	1.86E-03	1.22E-05	8.47E-03	1.03E-02
5094	498363.09	3863877.25	0.12773	0.13538	0.16227	1.90E-03	9.56E-06	4.22E-03	0.006132	1.94E-03	9.41E-06	4.70E-03	0.006648	1.85E-03	1.19E-05	9.02E-03	1.09E-02
5095	471363.09	3864377.25	0.07235	0.08945	0.08866	1.08E-03	6.32E-06	2.31E-03	0.00339	1.10E-03	6.22E-06	2.57E-03	0.003672	1.05E-03	7.89E-06	4.93E-03	5.98E-03
5096	471863.09	3864377.25	0.07406	0.09461	0.09	1.10E-03	6.68E-06	2.34E-03	0.00345	1.13E-03	6.58E-06	2.60E-03	0.003737	1.07E-03	8.35E-06	5.00E-03	6.08E-03
5097	472363.09	3864377.25	0.07549	0.11096	0.09125	1.12E-03	7.83E-06	2.37E-03	0.003505	1.15E-03	7.71E-06	2.64E-03	0.003796	1.09E-03	9.79E-06	5.07E-03	6.17E-03
5098	472863.09	3864377.25	0.07736	0.11012	0.0963	1.15E-03	7.78E-06	2.51E-03	0.003665	1.18E-03	7.65E-06	2.79E-03	0.003971	1.12E-03	9.72E-06	5.35E-03	6.48E-03
5099	473363.09	3864377.25	0.07705	0.11	0.09859	1.15E-03	7.77E-06	2.56E-03	0.00372	1.17E-03	7.65E-06	2.85E-03	0.004032	1.11E-03	9.71E-06	5.48E-03	6.60E-03
5100	473863.09	3864377.25	0.07956	0.10799	0.10197	1.18E-03	7.62E-06	2.65E-03	0.003845	1.21E-03	7.51E-06	2.95E-03	0.004168	1.15E-03	9.53E-06	5.67E-03	6.83E-03
5101	474363.09	3864377.25	0.08454	0.10896	0.10324	1.26E-03	7.69E-06	2.69E-03	0.003952	1.29E-03	7.57E-06	2.99E-03	0.004281	1.22E-03	9.61E-06	5.74E-03	6.97E-03
5102	474863.09	3864377.25	0.08675	0.11668	0.10469	1.29E-03	8.24E-06	2.72E-03	0.004023	1.32E-03	8.11E-06	3.03E-03	0.004357	1.25E-03	1.03E-05	5.82E-03	7.08E-03
5103	475363.09	3864377.25	0.08842	0.12095	0.10698	1.32E-03	8.54E-06	2.78E-03	0.004108	1.34E-03	8.41E-06	3.10E-03	0.004449	1.28E-03	1.07E-05	5.94E-03	7.23E-03
5104	475863.09	3864377.25	0.08897	0.12571	0.10744	1.32E-03	8.88E-06	2.80E-03	0.004128	1.35E-03	8.74E-06	3.11E-03	0.004471	1.29E-03	1.11E-05	5.97E-03	7.27E-03
5105	476363.09	3864377.25	0.08905	0.12842	0.1071	1.33E-03	9.07E-06	2.79E-03	0.004121	1.35E-03	8.93E-06	3.10E-03	0.004462	1.29E-03	1.13E-05	5.95E-03	7.25E-03
5106	476863.09	3864377.25	0.08908	0.12573	0.10764	1.33E-03	8.88E-06	2.80E-03	0.004135	1.35E-03	8.74E-06	3.11E-03	0.004478	1.29E-03	1.11E-05	5.98E-03	7.28E-03
5107	477363.09	3864377.25	0.09094	0.13078	0.10765	1.35E-03	9.23E-06	2.80E-03	0.004163	1.38E-03	9.09E-06	3.12E-03	0.004507	1.31E-03	1.15E-05	5.98E-03	7.31E-03
5108	477863.09	3864377.25	0.09403	0.14962	0.11166	1.40E-03	1.06E-05	2.90E-03	0.004315	1.43E-03	1.04E-05	3.23E-03	0.004672	1.36E-03	1.32E-05	6.20E-03	7.58E-03
5109	478363.09	3864377.25	0.09891	0.15729	0.11592	1.47E-03	1.11E-05	3.02E-03	0.004499	1.50E-03	1.09E-05	3.35E-03	0.00487	1.43E-03	1.39E-05	6.44E-03	7.88E-03
5110	478863.09	3864377.25	0.10428	0.15586	0.12103	1.55E-03	1.10E-05	3.15E-03	0.004712	1.59E-03	1.08E-05	3.50E-03	0.005099	1.51E-03	1.38E-05	6.73E-03	8.25E-03
5111	479363.09	3864377.25	0.10581	0.14654	0.12811	1.57E-03	1.03E-05	3.33E-03	0.004918	1.61E-03	1.02E-05	3.71E-03	0.005327	1.53E-03	1.29E-05	7.12E-03	8.66E-03
5112	479863.09	3864377.25	0.11266	0.14845	0.13237	1.68E-03	1.05E-05	3.44E-03	0.005131	1.71E-03	1.03E-05	3.83E-03	0.005554	1.63E-03	1.31E-05	7.36E-03	9.00E-03
5113	480363.09	3864377.25	0.11299	0.15509	0.13145	1.68E-03	1.10E-05	3.42E-03	0.005113	1.72E-03	1.08E-05	3.80E-03	0.005533	1.63E-03	1.37E-05	7.30E-03	8.95E-03
5114	480863.09	3864377.25	0.11077	0.1497	0.13505	1.65E-03	1.06E-05	3.51E-03	0.005173	1.68E-03	1.04E-05	3.91E-03	0.005603	1.60E-03	1.32E-05	7.50E-03	9.12E-03
5115	481363.09	3864377.25	0.11523	0.16663	0.13418	1.72E-03	1.18E-05	3.49E-03	0.005218	1.75E-03	1.16E-05	3.88E-03	0.005647	1.67E-03	1.47E-05	7.46E-03	9.14E-03
5116	481863.09	3864377.25	0.11852	0.16636	0.13951	1.76E-03	1.17E-05	3.63E-03	0.005405	1.80E-03	1.16E-05	4.04E-03	0.005851	1.71E-03	1.47E-05	7.75E-03	9.48E-03
5117	482363.09	3864377.25	0.12109	0.16283	0.14024	1.80E-03	1.15E-05	3.65E-03	0.005462	1.84E-03	1.13E-05	4.06E-03	0.005911	1.75E-03	1.44E-05	7.79E-03	9.56E-03
5118	482863.09	3864377.25	0.12222	0.16606	0.13497	1.82E-03	1.17E-05	3.51E-03	0.005342	1.86E-03	1.15E-05	3.91E-03	0.005776	1.77E-03	1.47E-05	7.50E-03	9.28E-03
5119	483363.09	3864377.25	0.12228	0.16762	0.13627	1.82E-03	1.18E-05	3.55E-03	0.005377	1.86E-03	1.17E-05	3.94E-03	0.005815	1.77E-03	1.48E-05	7.57E-03	9.35E-03

5120	483863.09	3864377.25	0.11842	0.16078	0.13779	1.76E-03	1.14E-05	3.58E-03	0.005359	1.80E-03	1.12E-05	3.99E-03	0.005799	1.71E-03	1.42E-05	7.66E-03	9.38E-03
5121	484363.09	3864377.25	0.11671	0.14856	0.14422	1.74E-03	1.05E-05	3.75E-03	0.0055	1.78E-03	1.03E-05	4.17E-03	0.005959	1.69E-03	1.31E-05	8.01E-03	9.71E-03
5122	484863.09	3864377.25	0.11684	0.15277	0.14032	1.74E-03	1.08E-05	3.65E-03	0.0054	1.78E-03	1.06E-05	4.06E-03	0.005848	1.69E-03	1.35E-05	7.80E-03	9.50E-03
5123	485363.09	3864377.25	0.11816	0.15944	0.14085	1.76E-03	1.13E-05	3.66E-03	0.005434	1.80E-03	1.11E-05	4.08E-03	0.005884	1.71E-03	1.41E-05	7.83E-03	9.55E-03
5124	485863.09	3864377.25	0.12102	0.15527	0.13779	1.80E-03	1.10E-05	3.58E-03	0.005397	1.84E-03	1.08E-05	3.99E-03	0.005839	1.75E-03	1.37E-05	7.66E-03	9.42E-03
5125	486363.09	3864377.25	0.11975	0.17273	0.14213	1.78E-03	1.22E-05	3.70E-03	0.005492	1.82E-03	1.20E-05	4.11E-03	0.005946	1.73E-03	1.52E-05	7.90E-03	9.64E-03
5126	486863.09	3864377.25	0.12552	0.17136	0.14576	1.87E-03	1.21E-05	3.79E-03	0.005673	1.91E-03	1.19E-05	4.22E-03	0.006139	1.81E-03	1.51E-05	8.10E-03	9.93E-03
5127	487363.09	3864377.25	0.12477	0.15058	0.14644	1.86E-03	1.06E-05	3.81E-03	0.005678	1.90E-03	1.05E-05	4.24E-03	0.006146	1.80E-03	1.33E-05	8.14E-03	9.95E-03
5128	487863.09	3864377.25	0.12313	0.1566	0.15351	1.83E-03	1.11E-05	3.99E-03	0.005838	1.87E-03	1.09E-05	4.44E-03	0.006326	1.78E-03	1.38E-05	8.53E-03	1.03E-02
5129	488363.09	3864377.25	0.1277	0.14515	0.15585	1.90E-03	1.02E-05	4.05E-03	0.005966	1.94E-03	1.01E-05	4.51E-03	0.006462	1.85E-03	1.28E-05	8.66E-03	1.05E-02
5130	488863.09	3864377.25	0.12652	0.15521	0.15036	1.88E-03	1.10E-05	3.91E-03	0.005806	1.92E-03	1.08E-05	4.35E-03	0.006286	1.83E-03	1.37E-05	8.35E-03	1.02E-02
5131	489363.09	3864377.25	0.12859	0.16007	0.15733	1.91E-03	1.13E-05	4.09E-03	0.006018	1.96E-03	1.11E-05	4.55E-03	0.00652	1.86E-03	1.41E-05	8.74E-03	1.06E-02
5132	489863.09	3864377.25	0.13728	0.16139	0.18026	2.04E-03	1.14E-05	4.69E-03	0.006744	2.09E-03	1.12E-05	5.22E-03	0.007315	1.98E-03	1.42E-05	1.00E-02	1.20E-02
5133	490363.09	3864377.25	0.1414	0.15878	0.18104	2.10E-03	1.12E-05	4.71E-03	0.006826	2.15E-03	1.10E-05	5.24E-03	0.0074	2.04E-03	1.40E-05	1.01E-02	1.21E-02
5134	490863.09	3864377.25	0.16239	0.17462	0.19693	2.42E-03	1.23E-05	5.12E-03	0.007553	2.47E-03	1.21E-05	5.70E-03	0.008181	2.35E-03	1.54E-05	1.09E-02	1.33E-02
5135	491363.09	3864377.25	0.16189	0.18343	0.20458	2.41E-03	1.30E-05	5.32E-03	0.007745	2.46E-03	1.27E-05	5.92E-03	0.008395	2.34E-03	1.62E-05	1.14E-02	1.37E-02
5136	491863.09	3864377.25	0.11644	0.11762	0.12015	1.73E-03	8.30E-06	3.13E-03	0.004867	1.77E-03	8.17E-06	3.48E-03	0.005256	1.68E-03	1.04E-05	6.68E-03	8.37E-03
5137	492363.09	3864377.25	0.18462	0.17943	0.20879	2.75E-03	1.27E-05	5.43E-03	0.008193	2.81E-03	1.25E-05	6.04E-03	0.008862	2.67E-03	1.58E-05	1.16E-02	1.43E-02
5138	492863.09	3864377.25	0.13271	0.13253	0.13867	1.98E-03	9.36E-06	3.61E-03	0.005592	2.02E-03	9.21E-06	4.01E-03	0.00604	1.92E-03	1.17E-05	7.71E-03	9.63E-03
5139	493363.09	3864377.25	0.1935	0.19813	0.21962	2.88E-03	1.40E-05	5.71E-03	0.008608	2.94E-03	1.38E-05	6.36E-03	0.009312	2.80E-03	1.75E-05	1.22E-02	1.50E-02
5140	493863.09	3864377.25	0.21029	0.22091	0.24138	3.13E-03	1.56E-05	6.28E-03	0.009425	3.20E-03	1.54E-05	6.98E-03	0.010198	3.04E-03	1.95E-05	1.34E-02	1.65E-02
5141	494363.09	3864377.25	0.19807	0.20864	0.22248	2.95E-03	1.47E-05	5.79E-03	0.008751	3.01E-03	1.45E-05	6.44E-03	0.009465	2.86E-03	1.84E-05	1.24E-02	1.52E-02
5142	494863.09	3864377.25	0.16153	0.16843	0.18337	2.40E-03	1.19E-05	4.77E-03	0.007187	2.46E-03	1.17E-05	5.31E-03	0.007775	2.33E-03	1.49E-05	1.02E-02	1.25E-02
5143	495363.09	3864377.25	0.14011	0.15279	0.16297	2.09E-03	1.08E-05	4.24E-03	0.006336	2.13E-03	1.06E-05	4.72E-03	0.006857	2.02E-03	1.35E-05	9.06E-03	1.11E-02
5144	495863.09	3864377.25	0.13404	0.1469	0.15679	2.00E-03	1.04E-05	4.08E-03	0.006085	2.04E-03	1.02E-05	4.54E-03	0.006586	1.94E-03	1.30E-05	8.71E-03	1.07E-02
5145	496363.09	3864377.25	0.13412	0.1401	0.16157	2.00E-03	9.89E-06	4.20E-03	0.00621	2.04E-03	9.74E-06	4.68E-03	0.006725	1.94E-03	1.24E-05	8.98E-03	1.09E-02
5146	496863.09	3864377.25	0.1255	0.14784	0.16753	1.87E-03	1.04E-05	4.36E-03	0.006237	1.91E-03	1.03E-05	4.85E-03	0.006767	1.81E-03	1.30E-05	9.31E-03	1.11E-02
5147	497363.09	3864377.25	0.11767	0.1372	0.14572	1.75E-03	9.69E-06	3.79E-03	0.005552	1.79E-03	9.54E-06	4.22E-03	0.006016	1.70E-03	1.21E-05	8.10E-03	9.81E-03
5148	497863.09	3864377.25	0.11392	0.13454	0.14782	1.70E-03	9.50E-06	3.85E-03	0.005551	1.73E-03	9.35E-06	4.28E-03	0.006019	1.65E-03	1.19E-05	8.21E-03	9.87E-03
5149	498363.09	3864377.25	0.11467	0.12716	0.14093	1.71E-03	8.98E-06	3.67E-03	0.005382	1.74E-03	8.84E-06	4.08E-03	0.005831	1.66E-03	1.12E-05	7.83E-03	9.50E-03
5150	471363.09	3864877.25	0.06907	0.09296	0.08591	1.03E-03	6.56E-06	2.24E-03	0.00327	1.05E-03	6.46E-06	2.49E-03	0.003543	9.98E-04	8.20E-06	4.77E-03	5.78E-03
5151	471863.09	3864877.25	0.06948	0.09837	0.08667	1.03E-03	6.95E-06	2.25E-03	0.003296	1.06E-03	6.84E-06	2.51E-03	0.003572	1.00E-03	8.68E-06	4.82E-03	5.83E-03
5152	472363.09	3864877.25	0.07005	0.10123	0.08973	1.04E-03	7.15E-06	2.33E-03	0.003384	1.07E-03	7.04E-06	2.60E-03	0.003669	1.01E-03	8.93E-06	4.99E-03	6.01E-03
5153	472863.09	3864877.25	0.07042	0.10286	0.09188	1.05E-03	7.26E-06	2.39E-03	0.003446	1.07E-03	7.15E-06	2.66E-03	0.003737	1.02E-03	9.08E-06	5.11E-03	6.13E-03
5154	473363.09	3864877.25	0.07348	0.09761	0.09467	1.09E-03	6.89E-06	2.46E-03	0.003564	1.12E-03	6.78E-06	2.74E-03	0.003864	1.06E-03	8.61E-06	5.26E-03	6.33E-03
5155	473863.09	3864877.25	0.07704	0.09801	0.09555	1.15E-03	6.92E-06	2.49E-03	0.003639	1.17E-03	6.81E-06	2.76E-03	0.003943	1.11E-03	8.65E-06	5.31E-03	6.43E-03
5156	474363.09	3864877.25	0.08115	0.10596	0.09711	1.21E-03	7.48E-06	2.53E-03	0.003742	1.23E-03	7.36E-06	2.81E-03	0.004052	1.17E-03	9.35E-06	5.40E-03	6.58E-03
5157	474863.09	3864877.25	0.08139	0.11041	0.09762	1.21E-03	7.80E-06	2.54E-03	0.003759	1.24E-03	7.67E-06	2.82E-03	0.00407	1.18E-03	9.74E-06	5.42E-03	6.61E-03
5158	475363.09	3864877.25	0.08101	0.11843	0.09895	1.21E-03	8.36E-06	2.57E-03	0.003788	1.23E-03	8.23E-06	2.86E-03	0.004104	1.17E-03	1.04E-05	5.50E-03	6.68E-03
5159	475863.09	3864877.25	0.079	0.12111	0.0976	1.18E-03	8.55E-06	2.54E-03	0.003724	1.20E-03	8.42E-06	2.82E-03	0.004034	1.14E-03	1.07E-05	5.42E-03	6.58E-03
5160	476363.09	3864877.25	0.07916	0.12044	0.09653	1.18E-03	8.50E-06	2.51E-03	0.003698	1.20E-03	8.37E-06	2.79E-03	0.004006	1.14E-03	1.06E-05	5.36E-03	6.52E-03
5161	476863.09	3864877.25	0.08186	0.12057	0.09594	1.22E-03	8.51E-06	2.50E-03	0.003723	1.24E-03	8.38E-06	2.78E-03	0.00403	1.18E-03	1.06E-05	5.33E-03	6.52E-03
5162	477363.09	3864877.25	0.08562	0.13222	0.09957	1.27E-03	9.34E-06	2.59E-03	0.003874	1.30E-03	9.19E-06	2.88E-03	0.004193	1.24E-03	1.17E-05	5.53E-03	6.78E-03
5163	477863.09	3864877.25	0.08998	0.13934	0.10438	1.34E-03	9.84E-06	2.72E-03	0.004065	1.37E-03	9.68E-06	3.02E-03	0.004399	1.30E-03	1.23E-05	5.80E-03	7.11E-03
5164	478363.09	3864877.25	0.09468	0.13544	0.10871	1.41E-03	9.56E-06	2.83E-03	0.004247	1.44E-03	9.41E-06	3.15E-03	0.004595	1.37E-03	1.20E-05	6.04E-03	7.42E-03
5165	478863.09	3864877.25	0.09687	0.14216	0.11751	1.44E-03	1.00E-05	3.06E-03	0.004509	1.47E-03	9.88E-06	3.40E-03	0.004884	1.40E-03	1.25E-05	6.53E-03	7.94E-03
5166	479363.09	3864877.25	0.10248	0.13829	0.12294	1.53E-03	9.76E-06	3.20E-03	0.004734	1.56E-03	9.61E-06	3.56E-03	0.005126	1.48E-03	1.22E-05	6.83E-03	8.32E-03

5167	479863.09	3864877.25	0.10381	0.13785	0.12173	1.55E-03	9.73E-06	3.17E-03	0.004722	1.58E-03	9.58E-06	3.52E-03	0.005111	1.50E-03	1.22E-05	6.76E-03	8.28E-03
5168	480363.09	3864877.25	0.10283	0.14225	0.12227	1.53E-03	1.00E-05	3.18E-03	0.004722	1.56E-03	9.89E-06	3.54E-03	0.005112	1.49E-03	1.26E-05	6.79E-03	8.29E-03
5169	480863.09	3864877.25	0.10131	0.14647	0.12429	1.51E-03	1.03E-05	3.23E-03	0.004752	1.54E-03	1.02E-05	3.60E-03	0.005148	1.46E-03	1.29E-05	6.91E-03	8.38E-03
5170	481363.09	3864877.25	0.10673	0.15754	0.12531	1.59E-03	1.11E-05	3.26E-03	0.00486	1.62E-03	1.09E-05	3.63E-03	0.00526	1.54E-03	1.39E-05	6.96E-03	8.52E-03
5171	481863.09	3864877.25	0.1105	0.14428	0.12882	1.64E-03	1.02E-05	3.35E-03	0.005006	1.68E-03	1.00E-05	3.73E-03	0.005418	1.60E-03	1.27E-05	7.16E-03	8.77E-03
5172	482363.09	3864877.25	0.11115	0.1547	0.12616	1.65E-03	1.09E-05	3.28E-03	0.004948	1.69E-03	1.08E-05	3.65E-03	0.005352	1.61E-03	1.36E-05	7.01E-03	8.63E-03
5173	482863.09	3864877.25	0.11108	0.15305	0.12218	1.65E-03	1.08E-05	3.18E-03	0.004843	1.69E-03	1.06E-05	3.54E-03	0.005236	1.61E-03	1.35E-05	6.79E-03	8.41E-03
5174	483363.09	3864877.25	0.11152	0.15598	0.12455	1.66E-03	1.10E-05	3.24E-03	0.004911	1.70E-03	1.08E-05	3.60E-03	0.005311	1.61E-03	1.38E-05	6.92E-03	8.55E-03
5175	483863.09	3864877.25	0.1074	0.1387	0.12807	1.60E-03	9.79E-06	3.33E-03	0.00494	1.63E-03	9.64E-06	3.71E-03	0.005349	1.55E-03	1.22E-05	7.12E-03	8.68E-03
5176	484363.09	3864877.25	0.10667	0.13917	0.12988	1.59E-03	9.83E-06	3.38E-03	0.004977	1.62E-03	9.67E-06	3.76E-03	0.00539	1.54E-03	1.23E-05	7.22E-03	8.77E-03
5177	484863.09	3864877.25	0.10796	0.14384	0.12903	1.61E-03	1.02E-05	3.36E-03	0.004974	1.64E-03	1.00E-05	3.73E-03	0.005386	1.56E-03	1.27E-05	7.17E-03	8.74E-03
5178	485363.09	3864877.25	0.10865	0.14787	0.1309	1.62E-03	1.04E-05	3.41E-03	0.005033	1.65E-03	1.03E-05	3.79E-03	0.005451	1.57E-03	1.30E-05	7.27E-03	8.86E-03
5179	485863.09	3864877.25	0.11005	0.14127	0.12659	1.64E-03	9.97E-06	3.29E-03	0.004941	1.67E-03	9.82E-06	3.66E-03	0.005347	1.59E-03	1.25E-05	7.03E-03	8.64E-03
5180	486363.09	3864877.25	0.10923	0.15885	0.13093	1.63E-03	1.12E-05	3.41E-03	0.005043	1.66E-03	1.10E-05	3.79E-03	0.005461	1.58E-03	1.40E-05	7.28E-03	8.87E-03
5181	486863.09	3864877.25	0.1139	0.16057	0.13353	1.70E-03	1.13E-05	3.47E-03	0.005181	1.73E-03	1.12E-05	3.86E-03	0.005607	1.65E-03	1.42E-05	7.42E-03	9.08E-03
5182	487363.09	3864877.25	0.11573	0.15274	0.13917	1.72E-03	1.08E-05	3.62E-03	0.005354	1.76E-03	1.06E-05	4.03E-03	0.005798	1.67E-03	1.35E-05	7.73E-03	9.42E-03
5183	487863.09	3864877.25	0.11089	0.14949	0.13308	1.65E-03	1.06E-05	3.46E-03	0.005123	1.69E-03	1.04E-05	3.85E-03	0.005548	1.60E-03	1.32E-05	7.39E-03	9.01E-03
5184	488363.09	3864877.25	0.11719	0.14053	0.14721	1.74E-03	9.92E-06	3.83E-03	0.005584	1.78E-03	9.77E-06	4.26E-03	0.006052	1.69E-03	1.24E-05	8.18E-03	9.89E-03
5185	488863.09	3864877.25	0.11895	0.14208	0.14194	1.77E-03	1.00E-05	3.69E-03	0.005473	1.81E-03	9.87E-06	4.11E-03	0.005926	1.72E-03	1.25E-05	7.89E-03	9.62E-03
5186	489363.09	3864877.25	0.11869	0.14483	0.1412	1.77E-03	1.02E-05	3.67E-03	0.00545	1.81E-03	1.01E-05	4.09E-03	0.005901	1.72E-03	1.28E-05	7.85E-03	9.57E-03
5187	489863.09	3864877.25	0.12287	0.15124	0.15439	1.83E-03	1.07E-05	4.02E-03	0.005856	1.87E-03	1.05E-05	4.47E-03	0.006347	1.78E-03	1.33E-05	8.58E-03	1.04E-02
5188	490363.09	3864877.25	0.13439	0.15272	0.1717	2.00E-03	1.08E-05	4.47E-03	0.006478	2.04E-03	1.06E-05	4.97E-03	0.007023	1.94E-03	1.35E-05	9.54E-03	1.15E-02
5189	490863.09	3864877.25	0.15992	0.16314	0.1843	2.38E-03	1.15E-05	4.79E-03	0.007187	2.43E-03	1.13E-05	5.33E-03	0.007777	2.31E-03	1.44E-05	1.02E-02	1.26E-02
5190	491363.09	3864877.25	0.14657	0.17061	0.18953	2.18E-03	1.20E-05	4.93E-03	0.007125	2.23E-03	1.19E-05	5.48E-03	0.007726	2.12E-03	1.51E-05	1.05E-02	1.27E-02
5191	491863.09	3864877.25	0.17058	0.17544	0.20116	2.54E-03	1.24E-05	5.23E-03	0.007785	2.59E-03	1.22E-05	5.82E-03	0.008428	2.46E-03	1.55E-05	1.12E-02	1.37E-02
5192	492363.09	3864877.25	0.06407	0.06064	0.06487	9.54E-04	4.28E-06	1.69E-03	0.002646	9.74E-04	4.21E-06	1.88E-03	0.002856	9.26E-04	5.35E-06	3.60E-03	4.54E-03
5193	492863.09	3864877.25	0.08853	0.07973	0.09254	1.32E-03	5.63E-06	2.41E-03	0.003731	1.35E-03	5.54E-06	2.68E-03	0.00403	1.28E-03	7.03E-06	5.14E-03	6.43E-03
5194	493363.09	3864877.25	0.08543	0.08386	0.08908	1.27E-03	5.92E-06	2.32E-03	0.003595	1.30E-03	5.83E-06	2.58E-03	0.003883	1.23E-03	7.40E-06	4.95E-03	6.19E-03
5195	493863.09	3864877.25	0.17851	0.1828	0.20186	2.66E-03	1.29E-05	5.25E-03	0.007922	2.71E-03	1.27E-05	5.84E-03	0.008569	2.58E-03	1.61E-05	1.12E-02	1.38E-02
5196	494363.09	3864877.25	0.19189	0.20288	0.22431	2.86E-03	1.43E-05	5.84E-03	0.008706	2.92E-03	1.41E-05	6.49E-03	0.009423	2.77E-03	1.79E-05	1.25E-02	1.53E-02
5197	494863.09	3864877.25	0.18063	0.1961	0.20972	2.69E-03	1.38E-05	5.46E-03	0.008159	2.75E-03	1.36E-05	6.07E-03	0.00883	2.61E-03	1.73E-05	1.17E-02	1.43E-02
5198	495363.09	3864877.25	0.15173	0.16634	0.16898	2.26E-03	1.17E-05	4.40E-03	0.006666	2.31E-03	1.16E-05	4.89E-03	0.007209	2.19E-03	1.47E-05	9.39E-03	1.16E-02
5199	495863.09	3864877.25	0.12276	0.1392	0.15273	1.83E-03	9.83E-06	3.97E-03	0.00581	1.87E-03	9.67E-06	4.42E-03	0.006296	1.77E-03	1.23E-05	8.49E-03	1.03E-02
5200	496363.09	3864877.25	0.12746	0.13631	0.14679	1.90E-03	9.62E-06	3.82E-03	0.005726	1.94E-03	9.47E-06	4.25E-03	0.006196	1.84E-03	1.20E-05	8.16E-03	1.00E-02
5201	496863.09	3864877.25	0.11484	0.12194	0.14159	1.71E-03	8.61E-06	3.68E-03	0.005402	1.75E-03	8.48E-06	4.10E-03	0.005852	1.66E-03	1.08E-05	7.87E-03	9.54E-03
5202	497363.09	3864877.25	0.11464	0.13249	0.14928	1.71E-03	9.35E-06	3.88E-03	0.005599	1.74E-03	9.21E-06	4.32E-03	0.006073	1.66E-03	1.17E-05	8.29E-03	9.96E-03
5203	497863.09	3864877.25	0.1096	0.13709	0.13884	1.63E-03	9.68E-06	3.61E-03	0.005253	1.67E-03	9.53E-06	4.02E-03	0.005694	1.58E-03	1.21E-05	7.71E-03	9.31E-03
5204	498363.09	3864877.25	0.10064	0.12077	0.135	1.50E-03	8.53E-06	3.51E-03	0.005019	1.53E-03	8.39E-06	3.91E-03	0.005446	1.45E-03	1.07E-05	7.50E-03	8.97E-03
5205	471363.09	3865377.25	0.06316	0.09409	0.08121	9.40E-04	6.64E-06	2.11E-03	0.00306	9.61E-04	6.54E-06	2.35E-03	0.003317	9.13E-04	8.30E-06	4.51E-03	5.43E-03
5206	471863.09	3865377.25	0.06437	0.09335	0.08325	9.58E-04	6.59E-06	2.17E-03	0.003131	9.79E-04	6.49E-06	2.41E-03	0.003395	9.30E-04	8.24E-06	4.63E-03	5.56E-03
5207	472363.09	3865377.25	0.06468	0.09463	0.08503	9.63E-04	6.68E-06	2.21E-03	0.003182	9.84E-04	6.58E-06	2.46E-03	0.003451	9.35E-04	8.35E-06	4.72E-03	5.67E-03
5208	472863.09	3865377.25	0.06814	0.08893	0.0872	1.01E-03	6.28E-06	2.27E-03	0.003289	1.04E-03	6.18E-06	2.52E-03	0.003566	9.85E-04	7.85E-06	4.85E-03	5.84E-03
5209	473363.09	3865377.25	0.07176	0.0922	0.09008	1.07E-03	6.51E-06	2.34E-03	0.003418	1.09E-03	6.41E-06	2.61E-03	0.003704	1.04E-03	8.14E-06	5.01E-03	6.05E-03
5210	473863.09	3865377.25	0.07454	0.09795	0.09001	1.11E-03	6.92E-06	2.34E-03	0.003458	1.13E-03	6.81E-06	2.60E-03	0.003745	1.08E-03	8.64E-06	5.00E-03	6.09E-03
5211	474363.09	3865377.25	0.07404	0.10089	0.09128	1.10E-03	7.12E-06	2.37E-03	0.003484	1.13E-03	7.01E-06	2.64E-03	0.003774	1.07E-03	8.90E-06	5.07E-03	6.15E-03
5212	474863.09	3865377.25	0.07362	0.10907	0.0919	1.10E-03	7.70E-06	2.39E-03	0.003494	1.12E-03	7.58E-06	2.66E-03	0.003787	1.06E-03	9.62E-06	5.11E-03	6.18E-03
5213	475363.09	3865377.25	0.07154	0.11173	0.09012	1.06E-03	7.89E-06	2.34E-03	0.003417	1.09E-03	7.77E-06	2.61E-03	0.003704	1.03E-03	9.86E-06	5.01E-03	6.05E-03

5214	475863.09	3865377.25	0.07228	0.11322	0.08837	1.08E-03	7.99E-06	2.30E-03	0.003383	1.10E-03	7.87E-06	2.56E-03	0.003664	1.04E-03	9.99E-06	4.91E-03	5.96E-03
5215	476363.09	3865377.25	0.07639	0.11013	0.08817	1.14E-03	7.78E-06	2.29E-03	0.003439	1.16E-03	7.65E-06	2.55E-03	0.003721	1.10E-03	9.72E-06	4.90E-03	6.01E-03
5216	476863.09	3865377.25	0.08408	0.1296	0.08926	1.25E-03	9.15E-06	2.32E-03	0.003583	1.28E-03	9.01E-06	2.58E-03	0.003871	1.21E-03	1.14E-05	4.96E-03	6.19E-03
5217	477363.09	3865377.25	0.08321	0.13237	0.09577	1.24E-03	9.35E-06	2.49E-03	0.003739	1.27E-03	9.20E-06	2.77E-03	0.004046	1.20E-03	1.17E-05	5.32E-03	6.54E-03
5218	477863.09	3865377.25	0.0865	0.12987	0.09982	1.29E-03	9.17E-06	2.60E-03	0.003894	1.32E-03	9.03E-06	2.89E-03	0.004213	1.25E-03	1.15E-05	5.55E-03	6.81E-03
5219	478363.09	3865377.25	0.08949	0.13417	0.10673	1.33E-03	9.47E-06	2.78E-03	0.004118	1.36E-03	9.33E-06	3.09E-03	0.004459	1.29E-03	1.18E-05	5.93E-03	7.24E-03
5220	478863.09	3865377.25	0.09269	0.12532	0.11158	1.38E-03	8.85E-06	2.90E-03	0.004291	1.41E-03	8.71E-06	3.23E-03	0.004647	1.34E-03	1.11E-05	6.20E-03	7.55E-03
5221	479363.09	3865377.25	0.09577	0.13184	0.1141	1.43E-03	9.31E-06	2.97E-03	0.004403	1.46E-03	9.16E-06	3.30E-03	0.004767	1.38E-03	1.16E-05	6.34E-03	7.74E-03
5222	479863.09	3865377.25	0.09574	0.13181	0.11496	1.43E-03	9.31E-06	2.99E-03	0.004425	1.46E-03	9.16E-06	3.33E-03	0.004792	1.38E-03	1.16E-05	6.39E-03	7.78E-03
5223	480363.09	3865377.25	0.09399	0.1289	0.11501	1.40E-03	9.10E-06	2.99E-03	0.0044	1.43E-03	8.96E-06	3.33E-03	0.004767	1.36E-03	1.14E-05	6.39E-03	7.76E-03
5224	480863.09	3865377.25	0.09539	0.14021	0.11266	1.42E-03	9.90E-06	2.93E-03	0.004361	1.45E-03	9.74E-06	3.26E-03	0.004721	1.38E-03	1.24E-05	6.26E-03	7.65E-03
5225	481363.09	3865377.25	0.09881	0.14284	0.11964	1.47E-03	1.01E-05	3.11E-03	0.004593	1.50E-03	9.93E-06	3.46E-03	0.004975	1.43E-03	1.26E-05	6.65E-03	8.09E-03
5226	481863.09	3865377.25	0.10209	0.13608	0.11752	1.52E-03	9.61E-06	3.06E-03	0.004587	1.55E-03	9.46E-06	3.40E-03	0.004963	1.48E-03	1.20E-05	6.53E-03	8.02E-03
5227	482363.09	3865377.25	0.10231	0.14076	0.11462	1.52E-03	9.94E-06	2.98E-03	0.004515	1.56E-03	9.78E-06	3.32E-03	0.004883	1.48E-03	1.24E-05	6.37E-03	7.86E-03
5228	482863.09	3865377.25	0.10187	0.14455	0.11138	1.52E-03	1.02E-05	2.90E-03	0.004424	1.55E-03	1.00E-05	3.22E-03	0.004782	1.47E-03	1.28E-05	6.19E-03	7.67E-03
5229	483363.09	3865377.25	0.10126	0.14338	0.1167	1.51E-03	1.01E-05	3.04E-03	0.004553	1.54E-03	9.97E-06	3.38E-03	0.004927	1.46E-03	1.27E-05	6.48E-03	7.96E-03
5230	483863.09	3865377.25	0.09784	0.129	0.12036	1.46E-03	9.11E-06	3.13E-03	0.004597	1.49E-03	8.97E-06	3.48E-03	0.00498	1.41E-03	1.14E-05	6.69E-03	8.11E-03
5231	484363.09	3865377.25	0.09759	0.13271	0.11896	1.45E-03	9.37E-06	3.09E-03	0.004557	1.48E-03	9.22E-06	3.44E-03	0.004936	1.41E-03	1.17E-05	6.61E-03	8.03E-03
5232	484863.09	3865377.25	0.10047	0.13108	0.12027	1.50E-03	9.26E-06	3.13E-03	0.004634	1.53E-03	9.11E-06	3.48E-03	0.005017	1.45E-03	1.16E-05	6.68E-03	8.15E-03
5233	485363.09	3865377.25	0.10035	0.13535	0.12012	1.49E-03	9.56E-06	3.13E-03	0.004628	1.53E-03	9.41E-06	3.48E-03	0.005012	1.45E-03	1.19E-05	6.67E-03	8.14E-03
5234	485863.09	3865377.25	0.10056	0.13105	0.11748	1.50E-03	9.25E-06	3.06E-03	0.004562	1.53E-03	9.11E-06	3.40E-03	0.004938	1.45E-03	1.16E-05	6.53E-03	7.99E-03
5235	486363.09	3865377.25	0.10059	0.14251	0.12107	1.50E-03	1.01E-05	3.15E-03	0.004657	1.53E-03	9.90E-06	3.50E-03	0.005043	1.45E-03	1.26E-05	6.73E-03	8.19E-03
5236	486863.09	3865377.25	0.10287	0.14991	0.12503	1.53E-03	1.06E-05	3.25E-03	0.004795	1.56E-03	1.04E-05	3.62E-03	0.005193	1.49E-03	1.32E-05	6.95E-03	8.45E-03
5237	487363.09	3865377.25	0.10583	0.13171	0.13075	1.58E-03	9.30E-06	3.40E-03	0.004986	1.61E-03	9.15E-06	3.78E-03	0.005402	1.53E-03	1.16E-05	7.27E-03	8.81E-03
5238	487863.09	3865377.25	0.10277	0.13787	0.12488	1.53E-03	9.73E-06	3.25E-03	0.004788	1.56E-03	9.58E-06	3.61E-03	0.005186	1.49E-03	1.22E-05	6.94E-03	8.44E-03
5239	488363.09	3865377.25	0.10798	0.12915	0.13603	1.61E-03	9.12E-06	3.54E-03	0.005155	1.64E-03	8.98E-06	3.94E-03	0.005588	1.56E-03	1.14E-05	7.56E-03	9.13E-03
5240	488863.09	3865377.25	0.11193	0.12569	0.13502	1.67E-03	8.87E-06	3.51E-03	0.005188	1.70E-03	8.74E-06	3.91E-03	0.005618	1.62E-03	1.11E-05	7.50E-03	9.13E-03
5241	489363.09	3865377.25	0.11218	0.12712	0.133	1.67E-03	8.98E-06	3.46E-03	0.005139	1.71E-03	8.84E-06	3.85E-03	0.005564	1.62E-03	1.12E-05	7.39E-03	9.02E-03
5242	489863.09	3865377.25	0.11236	0.1431	0.13832	1.67E-03	1.01E-05	3.60E-03	0.005281	1.71E-03	9.95E-06	4.00E-03	0.005721	1.62E-03	1.26E-05	7.69E-03	9.32E-03
5243	490363.09	3865377.25	0.12753	0.14835	0.16039	1.90E-03	1.05E-05	4.17E-03	0.006081	1.94E-03	1.03E-05	4.64E-03	0.006591	1.84E-03	1.31E-05	8.91E-03	1.08E-02
5244	490863.09	3865377.25	0.14546	0.15015	0.16806	2.17E-03	1.06E-05	4.37E-03	0.006548	2.21E-03	1.04E-05	4.86E-03	0.007086	2.10E-03	1.32E-05	9.34E-03	1.15E-02
5245	491363.09	3865377.25	0.1628	0.16477	0.18147	2.42E-03	1.16E-05	4.72E-03	0.007156	2.48E-03	1.15E-05	5.25E-03	0.007739	2.35E-03	1.45E-05	1.01E-02	1.25E-02
5246	491863.09	3865377.25	0.15814	0.17252	0.18143	2.35E-03	1.22E-05	4.72E-03	0.007086	2.41E-03	1.20E-05	5.25E-03	0.007667	2.29E-03	1.52E-05	1.01E-02	1.24E-02
5247	492363.09	3865377.25	0.15336	0.14485	0.16434	2.28E-03	1.02E-05	4.28E-03	0.006568	2.33E-03	1.01E-05	4.76E-03	0.007098	2.22E-03	1.28E-05	9.13E-03	1.14E-02
5248	492863.09	3865377.25	0.11856	0.1161	0.12699	1.76E-03	8.20E-06	3.30E-03	0.005077	1.80E-03	8.07E-06	3.67E-03	0.005486	1.71E-03	1.02E-05	7.06E-03	8.78E-03
5249	493363.09	3865377.25	0.07965	0.07241	0.08415	1.19E-03	5.11E-06	2.19E-03	0.00338	1.21E-03	5.03E-06	2.44E-03	0.003651	1.15E-03	6.39E-06	4.68E-03	5.83E-03
5250	493863.09	3865377.25	0.128	0.12899	0.13265	1.91E-03	9.11E-06	3.45E-03	0.005365	1.95E-03	8.97E-06	3.84E-03	0.005794	1.85E-03	1.14E-05	7.37E-03	9.23E-03
5251	494363.09	3865377.25	0.16481	0.16733	0.18352	2.45E-03	1.18E-05	4.77E-03	0.007239	2.51E-03	1.16E-05	5.31E-03	0.007829	2.38E-03	1.48E-05	1.02E-02	1.26E-02
5252	494863.09	3865377.25	0.17951	0.18619	0.20484	2.67E-03	1.31E-05	5.33E-03	0.008014	2.73E-03	1.29E-05	5.93E-03	0.008671	2.59E-03	1.64E-05	1.14E-02	1.40E-02
5253	495363.09	3865377.25	0.17049	0.1797	0.19832	2.54E-03	1.27E-05	5.16E-03	0.00771	2.59E-03	1.25E-05	5.74E-03	0.008344	2.46E-03	1.59E-05	1.10E-02	1.35E-02
5254	495863.09	3865377.25	0.13973	0.1489	0.15898	2.08E-03	1.05E-05	4.14E-03	0.006226	2.13E-03	1.03E-05	4.60E-03	0.006736	2.02E-03	1.31E-05	8.83E-03	1.09E-02
5255	496363.09	3865377.25	0.12594	0.14026	0.14701	1.87E-03	9.90E-06	3.82E-03	0.005709	1.92E-03	9.75E-06	4.25E-03	0.006179	1.82E-03	1.24E-05	8.17E-03	1.00E-02
5256	496863.09	3865377.25	0.13005	0.12934	0.1485	1.94E-03	9.13E-06	3.86E-03	0.005808	1.98E-03	8.99E-06	4.30E-03	0.006284	1.88E-03	1.14E-05	8.25E-03	1.01E-02
5257	497363.09	3865377.25	0.10796	0.1215	0.12362	1.61E-03	8.58E-06	3.22E-03	0.004832	1.64E-03	8.44E-06	3.58E-03	0.005228	1.56E-03	1.07E-05	6.87E-03	8.44E-03
5258	497863.09	3865377.25	0.11337	0.12109	0.13341	1.69E-03	8.55E-06	3.47E-03	0.005167	1.72E-03	8.42E-06	3.86E-03	0.005593	1.64E-03	1.07E-05	7.41E-03	9.06E-03
5259	498363.09	3865377.25	0.10932	0.12846	0.13819	1.63E-03	9.07E-06	3.60E-03	0.005231	1.66E-03	8.93E-06	4.00E-03	0.00567	1.58E-03	1.13E-05	7.68E-03	9.27E-03
5260	471363.09	3865877.25	0.05899	0.08401	0.0782	8.78E-04	5.93E-06	2.03E-03	0.002918	8.97E-04	5.84E-06	2.26E-03	0.003166	8.52E-04	7.41E-06	4.35E-03	5.21E-03

5261	471863.09	3865877.25	0.06092	0.08661	0.08042	9.07E-04	6.12E-06	2.09E-03	0.003005	9.27E-04	6.02E-06	2.33E-03	0.00326	8.80E-04	7.64E-06	4.47E-03	5.36E-03
5262	472363.09	3865877.25	0.06376	0.08035	0.08039	9.49E-04	5.67E-06	2.09E-03	0.003046	9.70E-04	5.58E-06	2.33E-03	0.003302	9.21E-04	7.09E-06	4.47E-03	5.40E-03
5263	472863.09	3865877.25	0.06706	0.08648	0.08381	9.98E-04	6.11E-06	2.18E-03	0.003185	1.02E-03	6.01E-06	2.43E-03	0.003451	9.69E-04	7.63E-06	4.66E-03	5.63E-03
5264	473363.09	3865877.25	0.06815	0.09426	0.08611	1.01E-03	6.66E-06	2.24E-03	0.003261	1.04E-03	6.55E-06	2.49E-03	0.003535	9.85E-04	8.32E-06	4.78E-03	5.78E-03
5265	473863.09	3865877.25	0.06762	0.09275	0.08679	1.01E-03	6.55E-06	2.26E-03	0.003271	1.03E-03	6.45E-06	2.51E-03	0.003546	9.77E-04	8.18E-06	4.82E-03	5.81E-03
5266	474363.09	3865877.25	0.06728	0.10307	0.08562	1.00E-03	7.28E-06	2.23E-03	0.003236	1.02E-03	7.16E-06	2.48E-03	0.003508	9.72E-04	9.09E-06	4.76E-03	5.74E-03
5267	474863.09	3865877.25	0.06589	0.10378	0.0839	9.81E-04	7.33E-06	2.18E-03	0.003171	1.00E-03	7.21E-06	2.43E-03	0.003437	9.52E-04	9.16E-06	4.66E-03	5.62E-03
5268	475363.09	3865877.25	0.06685	0.10842	0.08232	9.95E-04	7.66E-06	2.14E-03	0.003144	1.02E-03	7.54E-06	2.38E-03	0.003406	9.66E-04	9.57E-06	4.57E-03	5.55E-03
5269	475863.09	3865877.25	0.06886	0.10152	0.08013	1.02E-03	7.17E-06	2.08E-03	0.003117	1.05E-03	7.06E-06	2.32E-03	0.003373	9.95E-04	8.96E-06	4.45E-03	5.46E-03
5270	476363.09	3865877.25	0.07548	0.10978	0.08461	1.12E-03	7.75E-06	2.20E-03	0.003332	1.15E-03	7.63E-06	2.45E-03	0.003604	1.09E-03	9.69E-06	4.70E-03	5.80E-03
5271	476863.09	3865877.25	0.08175	0.13683	0.08827	1.22E-03	9.66E-06	2.30E-03	0.003523	1.24E-03	9.51E-06	2.55E-03	0.003807	1.18E-03	1.21E-05	4.90E-03	6.10E-03
5272	477363.09	3865877.25	0.07999	0.12295	0.09337	1.19E-03	8.68E-06	2.43E-03	0.003628	1.22E-03	8.55E-06	2.70E-03	0.003927	1.16E-03	1.08E-05	5.19E-03	6.35E-03
5273	477863.09	3865877.25	0.0832	0.11729	0.09669	1.24E-03	8.28E-06	2.52E-03	0.003762	1.27E-03	8.15E-06	2.80E-03	0.004071	1.20E-03	1.03E-05	5.37E-03	6.59E-03
5274	478363.09	3865877.25	0.08508	0.12398	0.10346	1.27E-03	8.75E-06	2.69E-03	0.003967	1.29E-03	8.62E-06	2.99E-03	0.004296	1.23E-03	1.09E-05	5.75E-03	6.99E-03
5275	478863.09	3865877.25	0.08829	0.12075	0.10725	1.31E-03	8.53E-06	2.79E-03	0.004113	1.34E-03	8.39E-06	3.10E-03	0.004455	1.28E-03	1.07E-05	5.96E-03	7.25E-03
5276	479363.09	3865877.25	0.08932	0.12408	0.10846	1.33E-03	8.76E-06	2.82E-03	0.00416	1.36E-03	8.62E-06	3.14E-03	0.004506	1.29E-03	1.09E-05	6.03E-03	7.33E-03
5277	479863.09	3865877.25	0.08817	0.12299	0.10684	1.31E-03	8.68E-06	2.78E-03	0.004101	1.34E-03	8.55E-06	3.09E-03	0.004441	1.27E-03	1.09E-05	5.94E-03	7.22E-03
5278	480363.09	3865877.25	0.08758	0.12222	0.10666	1.30E-03	8.63E-06	2.77E-03	0.004087	1.33E-03	8.49E-06	3.09E-03	0.004427	1.27E-03	1.08E-05	5.93E-03	7.20E-03
5279	480863.09	3865877.25	0.09006	0.12789	0.10592	1.34E-03	9.03E-06	2.76E-03	0.004105	1.37E-03	8.89E-06	3.07E-03	0.004444	1.30E-03	1.13E-05	5.89E-03	7.20E-03
5280	481363.09	3865877.25	0.09299	0.13359	0.11066	1.38E-03	9.43E-06	2.88E-03	0.004272	1.41E-03	9.28E-06	3.20E-03	0.004626	1.34E-03	1.18E-05	6.15E-03	7.50E-03
5281	481863.09	3865877.25	0.09391	0.13468	0.1068	1.40E-03	9.51E-06	2.78E-03	0.004186	1.43E-03	9.36E-06	3.09E-03	0.004528	1.36E-03	1.19E-05	5.93E-03	7.30E-03
5282	482363.09	3865877.25	0.09535	0.13184	0.10376	1.42E-03	9.31E-06	2.70E-03	0.004128	1.45E-03	9.16E-06	3.00E-03	0.004462	1.38E-03	1.16E-05	5.77E-03	7.16E-03
5283	482863.09	3865877.25	0.09391	0.12619	0.10431	1.40E-03	8.91E-06	2.71E-03	0.00412	1.43E-03	8.77E-06	3.02E-03	0.004455	1.36E-03	1.11E-05	5.80E-03	7.16E-03
5284	483363.09	3865877.25	0.09251	0.13209	0.10948	1.38E-03	9.33E-06	2.85E-03	0.004235	1.41E-03	9.18E-06	3.17E-03	0.004584	1.34E-03	1.17E-05	6.08E-03	7.43E-03
5285	483863.09	3865877.25	0.08875	0.1156	0.11138	1.32E-03	8.16E-06	2.90E-03	0.004227	1.35E-03	8.03E-06	3.22E-03	0.004581	1.28E-03	1.02E-05	6.19E-03	7.48E-03
5286	484363.09	3865877.25	0.09005	0.12344	0.10855	1.34E-03	8.72E-06	2.82E-03	0.004173	1.37E-03	8.58E-06	3.14E-03	0.004519	1.30E-03	1.09E-05	6.03E-03	7.34E-03
5287	484863.09	3865877.25	0.09359	0.12478	0.11063	1.39E-03	8.81E-06	2.88E-03	0.00428	1.42E-03	8.67E-06	3.20E-03	0.004633	1.35E-03	1.10E-05	6.15E-03	7.51E-03
5288	485363.09	3865877.25	0.0931	0.12551	0.11224	1.39E-03	8.86E-06	2.92E-03	0.004315	1.42E-03	8.72E-06	3.25E-03	0.004673	1.35E-03	1.11E-05	6.24E-03	7.59E-03
5289	485863.09	3865877.25	0.09316	0.11906	0.10874	1.39E-03	8.41E-06	2.83E-03	0.004224	1.42E-03	8.27E-06	3.15E-03	0.004572	1.35E-03	1.05E-05	6.04E-03	7.40E-03
5290	486363.09	3865877.25	0.0931	0.12415	0.11241	1.39E-03	8.77E-06	2.92E-03	0.004319	1.42E-03	8.63E-06	3.25E-03	0.004677	1.35E-03	1.10E-05	6.25E-03	7.60E-03
5291	486863.09	3865877.25	0.09288	0.14505	0.11537	1.38E-03	1.02E-05	3.00E-03	0.004394	1.41E-03	1.01E-05	3.34E-03	0.004761	1.34E-03	1.28E-05	6.41E-03	7.77E-03
5292	487363.09	3865877.25	0.0984	0.13068	0.12186	1.46E-03	9.23E-06	3.17E-03	0.004644	1.50E-03	9.08E-06	3.53E-03	0.005032	1.42E-03	1.15E-05	6.77E-03	8.20E-03
5293	487863.09	3865877.25	0.09712	0.12556	0.11845	1.45E-03	8.87E-06	3.08E-03	0.004536	1.48E-03	8.73E-06	3.43E-03	0.004913	1.40E-03	1.11E-05	6.58E-03	8.00E-03
5294	488363.09	3865877.25	0.09807	0.12693	0.12426	1.46E-03	8.96E-06	3.23E-03	0.004701	1.49E-03	8.82E-06	3.60E-03	0.005096	1.42E-03	1.12E-05	6.90E-03	8.33E-03
5295	488863.09	3865877.25	0.10409	0.12137	0.13003	1.55E-03	8.57E-06	3.38E-03	0.004941	1.58E-03	8.44E-06	3.76E-03	0.005354	1.50E-03	1.07E-05	7.23E-03	8.74E-03
5296	489363.09	3865877.25	0.1046	0.12243	0.12832	1.56E-03	8.64E-06	3.34E-03	0.004904	1.59E-03	8.51E-06	3.71E-03	0.005313	1.51E-03	1.08E-05	7.13E-03	8.65E-03
5297	489863.09	3865877.25	0.10456	0.12349	0.12724	1.56E-03	8.72E-06	3.31E-03	0.004875	1.59E-03	8.58E-06	3.68E-03	0.005281	1.51E-03	1.09E-05	7.07E-03	8.59E-03
5298	490363.09	3865877.25	0.1085	0.13617	0.13971	1.62E-03	9.61E-06	3.63E-03	0.005259	1.65E-03	9.46E-06	4.04E-03	0.005702	1.57E-03	1.20E-05	7.76E-03	9.34E-03
5299	490863.09	3865877.25	0.12992	0.13853	0.15017	1.93E-03	9.78E-06	3.91E-03	0.00585	1.98E-03	9.63E-06	4.35E-03	0.006331	1.88E-03	1.22E-05	8.34E-03	1.02E-02
5300	491363.09	3865877.25	0.14273	0.13444	0.15835	2.12E-03	9.49E-06	4.12E-03	0.006254	2.17E-03	9.34E-06	4.58E-03	0.006762	2.06E-03	1.19E-05	8.80E-03	1.09E-02
5301	491863.09	3865877.25	0.15023	0.15581	0.16746	2.24E-03	1.10E-05	4.36E-03	0.006604	2.28E-03	1.08E-05	4.85E-03	0.007141	2.17E-03	1.37E-05	9.31E-03	1.15E-02
5302	492363.09	3865877.25	0.14175	0.15352	0.16055	2.11E-03	1.08E-05	4.18E-03	0.006298	2.16E-03	1.07E-05	4.65E-03	0.006812	2.05E-03	1.35E-05	8.92E-03	1.10E-02
5303	492863.09	3865877.25	0.11827	0.11554	0.12609	1.76E-03	8.16E-06	3.28E-03	0.005049	1.80E-03	8.03E-06	3.65E-03	0.005455	1.71E-03	1.02E-05	7.01E-03	8.73E-03
5304	493363.09	3865877.25	0.122	0.11732	0.134	1.82E-03	8.28E-06	3.49E-03	0.00531	1.86E-03	8.15E-06	3.88E-03	0.005741	1.76E-03	1.04E-05	7.45E-03	9.22E-03
5305	493863.09	3865877.25	0.12142	0.12473	0.13355	1.81E-03	8.81E-06	3.47E-03	0.005291	1.85E-03	8.67E-06	3.86E-03	0.00572	1.75E-03	1.10E-05	7.42E-03	9.19E-03
5306	494363.09	3865877.25	0.13986	0.14174	0.14642	2.08E-03	1.00E-05	3.81E-03	0.005901	2.13E-03	9.85E-06	4.24E-03	0.006374	2.02E-03	1.25E-05	8.14E-03	1.02E-02
5307	494863.09	3865877.25	0.15084	0.16351	0.17813	2.25E-03	1.15E-05	4.63E-03	0.006891	2.29E-03	1.14E-05	5.15E-03	0.00746	2.18E-03	1.44E-05	9.90E-03	1.21E-02

5308	495363.09	3865877.25	0.16318	0.16935	0.18504	2.43E-03	1.20E-05	4.81E-03	0.007255	2.48E-03	1.18E-05	5.35E-03	0.007848	2.36E-03	1.49E-05	1.03E-02	1.27E-02
5309	495863.09	3865877.25	0.15822	0.15963	0.17994	2.36E-03	1.13E-05	4.68E-03	0.007048	2.41E-03	1.11E-05	5.21E-03	0.007624	2.29E-03	1.41E-05	1.00E-02	1.23E-02
5310	496363.09	3865877.25	0.14806	0.17037	0.17518	2.20E-03	1.20E-05	4.56E-03	0.006773	2.25E-03	1.18E-05	5.07E-03	0.007333	2.14E-03	1.50E-05	9.73E-03	1.19E-02
5311	496863.09	3865877.25	0.12964	0.13625	0.14382	1.93E-03	9.62E-06	3.74E-03	0.005681	1.97E-03	9.47E-06	4.16E-03	0.006143	1.87E-03	1.20E-05	7.99E-03	9.88E-03
5312	497363.09	3865877.25	0.11946	0.12479	0.13363	1.78E-03	8.81E-06	3.48E-03	0.005263	1.82E-03	8.67E-06	3.87E-03	0.005692	1.73E-03	1.10E-05	7.43E-03	9.16E-03
5313	497863.09	3865877.25	0.11098	0.12918	0.12669	1.65E-03	9.12E-06	3.30E-03	0.004957	1.69E-03	8.98E-06	3.67E-03	0.005363	1.60E-03	1.14E-05	7.04E-03	8.65E-03
5314	498363.09	3865877.25	0.11882	0.11492	0.12971	1.77E-03	8.11E-06	3.37E-03	0.005151	1.81E-03	7.99E-06	3.75E-03	0.005569	1.72E-03	1.01E-05	7.21E-03	8.93E-03
5315	471363.09	3866377.25	0.05715	0.07911	0.07572	8.51E-04	5.59E-06	1.97E-03	0.002826	8.69E-04	5.50E-06	2.19E-03	0.003066	8.26E-04	6.98E-06	4.21E-03	5.04E-03
5316	471863.09	3866377.25	0.05967	0.07527	0.07599	8.88E-04	5.31E-06	1.98E-03	0.00287	9.08E-04	5.23E-06	2.20E-03	0.003112	8.62E-04	6.64E-06	4.22E-03	5.09E-03
5317	472363.09	3866377.25	0.0621	0.08088	0.07981	9.24E-04	5.71E-06	2.08E-03	0.003006	9.44E-04	5.62E-06	2.31E-03	0.00326	8.97E-04	7.14E-06	4.43E-03	5.34E-03
5318	472863.09	3866377.25	0.06252	0.09041	0.08128	9.31E-04	6.38E-06	2.11E-03	0.003052	9.51E-04	6.28E-06	2.35E-03	0.003309	9.03E-04	7.98E-06	4.52E-03	5.43E-03
5319	473363.09	3866377.25	0.06194	0.0889	0.08183	9.22E-04	6.28E-06	2.13E-03	0.003057	9.42E-04	6.18E-06	2.37E-03	0.003316	8.95E-04	7.84E-06	4.55E-03	5.45E-03
5320	473863.09	3866377.25	0.06189	0.09922	0.07976	9.21E-04	7.01E-06	2.08E-03	0.003003	9.41E-04	6.90E-06	2.31E-03	0.003256	8.94E-04	8.75E-06	4.43E-03	5.34E-03
5321	474363.09	3866377.25	0.06067	0.09632	0.07731	9.03E-04	6.80E-06	2.01E-03	0.002921	9.23E-04	6.69E-06	2.24E-03	0.003167	8.77E-04	8.50E-06	4.30E-03	5.18E-03
5322	474863.09	3866377.25	0.06263	0.09952	0.07531	9.32E-04	7.03E-06	1.96E-03	0.002899	9.53E-04	6.92E-06	2.18E-03	0.003139	9.05E-04	8.78E-06	4.18E-03	5.10E-03
5323	475363.09	3866377.25	0.06361	0.09523	0.07358	9.47E-04	6.72E-06	1.91E-03	0.002868	9.67E-04	6.62E-06	2.13E-03	0.003103	9.19E-04	8.40E-06	4.09E-03	5.02E-03
5324	475863.09	3866377.25	0.06611	0.10025	0.07831	9.84E-04	7.08E-06	2.04E-03	0.003028	1.01E-03	6.97E-06	2.27E-03	0.003279	9.55E-04	8.85E-06	4.35E-03	5.32E-03
5325	476363.09	3866377.25	0.07027	0.10713	0.08321	1.05E-03	7.56E-06	2.16E-03	0.003218	1.07E-03	7.45E-06	2.41E-03	0.003484	1.02E-03	9.45E-06	4.62E-03	5.65E-03
5326	476863.09	3866377.25	0.07853	0.12452	0.08557	1.17E-03	8.79E-06	2.23E-03	0.003404	1.19E-03	8.65E-06	2.48E-03	0.003679	1.13E-03	1.10E-05	4.75E-03	5.90E-03
5327	477363.09	3866377.25	0.08142	0.12343	0.09009	1.21E-03	8.72E-06	2.34E-03	0.003564	1.24E-03	8.58E-06	2.61E-03	0.003854	1.18E-03	1.09E-05	5.01E-03	6.19E-03
5328	477863.09	3866377.25	0.07887	0.11062	0.09552	1.17E-03	7.81E-06	2.49E-03	0.003667	1.20E-03	7.69E-06	2.76E-03	0.003971	1.14E-03	9.76E-06	5.31E-03	6.46E-03
5329	478363.09	3866377.25	0.08191	0.1071	0.09894	1.22E-03	7.56E-06	2.57E-03	0.003801	1.25E-03	7.44E-06	2.86E-03	0.004116	1.18E-03	9.45E-06	5.50E-03	6.69E-03
5330	478863.09	3866377.25	0.08389	0.11809	0.10233	1.25E-03	8.34E-06	2.66E-03	0.003919	1.28E-03	8.21E-06	2.96E-03	0.004245	1.21E-03	1.04E-05	5.69E-03	6.91E-03
5331	479363.09	3866377.25	0.08318	0.11845	0.10099	1.24E-03	8.36E-06	2.63E-03	0.003874	1.27E-03	8.23E-06	2.92E-03	0.004196	1.20E-03	1.05E-05	5.61E-03	6.82E-03
5332	479863.09	3866377.25	0.08289	0.11872	0.09968	1.23E-03	8.38E-06	2.59E-03	0.003835	1.26E-03	8.25E-06	2.88E-03	0.004153	1.20E-03	1.05E-05	5.54E-03	6.75E-03
5333	480363.09	3866377.25	0.08285	0.11169	0.09867	1.23E-03	7.89E-06	2.57E-03	0.003808	1.26E-03	7.76E-06	2.86E-03	0.004123	1.20E-03	9.85E-06	5.48E-03	6.69E-03
5334	480863.09	3866377.25	0.08542	0.12141	0.10157	1.27E-03	8.57E-06	2.64E-03	0.003922	1.30E-03	8.44E-06	2.94E-03	0.004247	1.23E-03	1.07E-05	5.64E-03	6.89E-03
5335	481363.09	3866377.25	0.08706	0.12459	0.09897	1.30E-03	8.80E-06	2.57E-03	0.003879	1.32E-03	8.66E-06	2.86E-03	0.004197	1.26E-03	1.10E-05	5.50E-03	6.77E-03
5336	481863.09	3866377.25	0.08811	0.12739	0.09809	1.31E-03	8.99E-06	2.55E-03	0.003872	1.34E-03	8.85E-06	2.84E-03	0.004187	1.27E-03	1.12E-05	5.45E-03	6.73E-03
5337	482363.09	3866377.25	0.08808	0.11971	0.09654	1.31E-03	8.45E-06	2.51E-03	0.003831	1.34E-03	8.32E-06	2.79E-03	0.004142	1.27E-03	1.06E-05	5.36E-03	6.65E-03
5338	482863.09	3866377.25	0.08665	0.11217	0.10126	1.29E-03	7.92E-06	2.63E-03	0.003932	1.32E-03	7.80E-06	2.93E-03	0.004256	1.25E-03	9.90E-06	5.63E-03	6.89E-03
5339	483363.09	3866377.25	0.08582	0.11763	0.10288	1.28E-03	8.31E-06	2.68E-03	0.003962	1.31E-03	8.18E-06	2.98E-03	0.00429	1.24E-03	1.04E-05	5.72E-03	6.97E-03
5340	483863.09	3866377.25	0.08369	0.10955	0.10455	1.25E-03	7.74E-06	2.72E-03	0.003973	1.27E-03	7.61E-06	3.03E-03	0.004306	1.21E-03	9.67E-06	5.81E-03	7.03E-03
5341	484363.09	3866377.25	0.08537	0.11212	0.10101	1.27E-03	7.92E-06	2.63E-03	0.003906	1.30E-03	7.79E-06	2.92E-03	0.004229	1.23E-03	9.89E-06	5.61E-03	6.86E-03
5342	484863.09	3866377.25	0.08736	0.12014	0.103	1.30E-03	8.48E-06	2.68E-03	0.003988	1.33E-03	8.35E-06	2.98E-03	0.004318	1.26E-03	1.06E-05	5.72E-03	7.00E-03
5343	485363.09	3866377.25	0.08667	0.11487	0.10395	1.29E-03	8.11E-06	2.70E-03	0.004003	1.32E-03	7.98E-06	3.01E-03	0.004334	1.25E-03	1.01E-05	5.78E-03	7.04E-03
5344	485863.09	3866377.25	0.08601	0.10903	0.10096	1.28E-03	7.70E-06	2.63E-03	0.003915	1.31E-03	7.58E-06	2.92E-03	0.004237	1.24E-03	9.62E-06	5.61E-03	6.86E-03
5345	486363.09	3866377.25	0.0858	0.11875	0.10391	1.28E-03	8.38E-06	2.70E-03	0.003989	1.30E-03	8.25E-06	3.01E-03	0.00432	1.24E-03	1.05E-05	5.77E-03	7.02E-03
5346	486863.09	3866377.25	0.08546	0.12935	0.10837	1.27E-03	9.13E-06	2.82E-03	0.004101	1.30E-03	8.99E-06	3.14E-03	0.004445	1.23E-03	1.14E-05	6.02E-03	7.27E-03
5347	487363.09	3866377.25	0.09289	0.11857	0.11494	1.38E-03	8.37E-06	2.99E-03	0.004381	1.41E-03	8.24E-06	3.33E-03	0.004747	1.34E-03	1.05E-05	6.39E-03	7.74E-03
5348	487863.09	3866377.25	0.09421	0.12423	0.11638	1.40E-03	8.77E-06	3.03E-03	0.004439	1.43E-03	8.63E-06	3.37E-03	0.004809	1.36E-03	1.10E-05	6.47E-03	7.84E-03
5349	488363.09	3866377.25	0.09387	0.12343	0.11905	1.40E-03	8.72E-06	3.10E-03	0.004503	1.43E-03	8.58E-06	3.44E-03	0.004881	1.36E-03	1.09E-05	6.62E-03	7.98E-03
5350	488863.09	3866377.25	0.10011	0.117	0.12665	1.49E-03	8.26E-06	3.29E-03	0.004793	1.52E-03	8.13E-06	3.66E-03	0.005196	1.45E-03	1.03E-05	7.04E-03	8.49E-03
5351	489363.09	3866377.25	0.10606	0.11269	0.12223	1.58E-03	7.96E-06	3.18E-03	0.004767	1.61E-03	7.83E-06	3.54E-03	0.005158	1.53E-03	9.94E-06	6.79E-03	8.33E-03
5352	489863.09	3866377.25	0.11289	0.11617	0.12332	1.68E-03	8.20E-06	3.21E-03	0.004897	1.72E-03	8.07E-06	3.57E-03	0.005294	1.63E-03	1.03E-05	6.85E-03	8.49E-03
5353	490363.09	3866377.25	0.09849	0.12746	0.12445	1.47E-03	9.00E-06	3.24E-03	0.004713	1.50E-03	8.86E-06	3.60E-03	0.005108	1.42E-03	1.12E-05	6.92E-03	8.35E-03
5354	490863.09	3866377.25	0.10562	0.12646	0.13492	1.57E-03	8.93E-06	3.51E-03	0.005091	1.61E-03	8.79E-06	3.90E-03	0.005519	1.53E-03	1.12E-05	7.50E-03	9.03E-03

5355	491363.09	3866377.25	0.1111	0.12451	0.14038	1.65E-03	8.79E-06	3.65E-03	0.005315	1.69E-03	8.65E-06	4.06E-03	0.005761	1.61E-03	1.10E-05	7.80E-03	9.42E-03
5356	491863.09	3866377.25	0.13625	0.14206	0.15067	2.03E-03	1.00E-05	3.92E-03	0.005958	2.07E-03	9.87E-06	4.36E-03	0.006442	1.97E-03	1.25E-05	8.37E-03	1.04E-02
5357	492363.09	3866377.25	0.14115	0.13692	0.1565	2.10E-03	9.67E-06	4.07E-03	0.006182	2.15E-03	9.52E-06	4.53E-03	0.006685	2.04E-03	1.21E-05	8.70E-03	1.07E-02
5358	492863.09	3866377.25	0.12715	0.12559	0.14151	1.89E-03	8.87E-06	3.68E-03	0.005583	1.93E-03	8.73E-06	4.09E-03	0.006037	1.84E-03	1.11E-05	7.86E-03	9.71E-03
5359	493363.09	3866377.25	0.13194	0.13887	0.14408	1.96E-03	9.81E-06	3.75E-03	0.005722	2.01E-03	9.65E-06	4.17E-03	0.006186	1.91E-03	1.23E-05	8.01E-03	9.92E-03
5360	493863.09	3866377.25	0.15009	0.14557	0.163	2.23E-03	1.03E-05	4.24E-03	0.006485	2.28E-03	1.01E-05	4.72E-03	0.00701	2.17E-03	1.28E-05	9.06E-03	1.12E-02
5361	494363.09	3866377.25	0.12614	0.12894	0.14312	1.88E-03	9.10E-06	3.72E-03	0.00561	1.92E-03	8.96E-06	4.14E-03	0.006069	1.82E-03	1.14E-05	7.95E-03	9.79E-03
5362	494863.09	3866377.25	0.13596	0.13777	0.14519	2.02E-03	9.73E-06	3.78E-03	0.005811	2.07E-03	9.58E-06	4.20E-03	0.006279	1.96E-03	1.22E-05	8.07E-03	1.00E-02
5363	495363.09	3866377.25	0.1415	0.14493	0.15577	2.11E-03	1.02E-05	4.05E-03	0.006169	2.15E-03	1.01E-05	4.51E-03	0.00667	2.04E-03	1.28E-05	8.66E-03	1.07E-02
5364	495863.09	3866377.25	0.15018	0.1547	0.16861	2.24E-03	1.09E-05	4.39E-03	0.006633	2.28E-03	1.08E-05	4.88E-03	0.007174	2.17E-03	1.36E-05	9.37E-03	1.16E-02
5365	496363.09	3866377.25	0.14509	0.14153	0.1562	2.16E-03	9.99E-06	4.06E-03	0.006233	2.21E-03	9.84E-06	4.52E-03	0.006736	2.10E-03	1.25E-05	8.68E-03	1.08E-02
5366	496863.09	3866377.25	0.14179	0.15721	0.16308	2.11E-03	1.11E-05	4.24E-03	0.006364	2.16E-03	1.09E-05	4.72E-03	0.006886	2.05E-03	1.39E-05	9.06E-03	1.11E-02
5367	497363.09	3866377.25	0.12061	0.13456	0.13369	1.80E-03	9.50E-06	3.48E-03	0.005283	1.83E-03	9.35E-06	3.87E-03	0.005712	1.74E-03	1.19E-05	7.43E-03	9.18E-03
5368	497863.09	3866377.25	0.11833	0.11873	0.12879	1.76E-03	8.38E-06	3.35E-03	0.00512	1.80E-03	8.25E-06	3.73E-03	0.005535	1.71E-03	1.05E-05	7.16E-03	8.88E-03
5369	498363.09	3866377.25	0.10345	0.10299	0.11404	1.54E-03	7.27E-06	2.97E-03	0.004514	1.57E-03	7.16E-06	3.30E-03	0.004881	1.49E-03	9.09E-06	6.34E-03	7.84E-03
5370	474494.92	3848334.16	0.09077	0.10463	0.09943	1.35E-03	7.39E-06	2.59E-03	0.003945	1.38E-03	7.27E-06	2.88E-03	0.004265	1.31E-03	9.23E-06	5.52E-03	6.85E-03
5371	475167.27	3848920.79	0.10609	0.11651	0.10868	1.58E-03	8.23E-06	2.83E-03	0.004415	1.61E-03	8.10E-06	3.14E-03	0.004767	1.53E-03	1.03E-05	6.04E-03	7.58E-03
5372	475297.89	3848997.96	0.10759	0.11643	0.11144	1.60E-03	8.22E-06	2.90E-03	0.004509	1.64E-03	8.09E-06	3.22E-03	0.004869	1.55E-03	1.03E-05	6.19E-03	7.76E-03
5373	475439.05	3849062	0.10632	0.11829	0.11451	1.58E-03	8.35E-06	2.98E-03	0.00457	1.62E-03	8.22E-06	3.31E-03	0.004939	1.54E-03	1.04E-05	6.36E-03	7.91E-03
5374	475486.86	3849061.09	0.10434	0.12103	0.1133	1.55E-03	8.55E-06	2.95E-03	0.004509	1.59E-03	8.41E-06	3.28E-03	0.004874	1.51E-03	1.07E-05	6.30E-03	7.81E-03
5375	475538.46	3849075.56	0.10558	0.12386	0.11284	1.57E-03	8.75E-06	2.94E-03	0.004516	1.61E-03	8.61E-06	3.27E-03	0.00488	1.53E-03	1.09E-05	6.27E-03	7.81E-03
5376	475751.79	3849137.15	0.11281	0.13725	0.11802	1.68E-03	9.69E-06	3.07E-03	0.004759	1.72E-03	9.54E-06	3.42E-03	0.00514	1.63E-03	1.21E-05	6.56E-03	8.20E-03
5377	476303.62	3849223.38	0.10605	0.14293	0.12092	1.58E-03	1.01E-05	3.15E-03	0.004734	1.61E-03	9.93E-06	3.50E-03	0.005122	1.53E-03	1.26E-05	6.72E-03	8.26E-03
5378	476304.51	3849238.92	0.10953	0.14366	0.12271	1.63E-03	1.01E-05	3.19E-03	0.004833	1.67E-03	9.98E-06	3.55E-03	0.005227	1.58E-03	1.27E-05	6.82E-03	8.41E-03
5379	476365.04	3849247.98	0.1051	0.14325	0.11704	1.56E-03	1.01E-05	3.04E-03	0.004619	1.60E-03	9.96E-06	3.39E-03	0.004995	1.52E-03	1.26E-05	6.50E-03	8.03E-03
5380	476444.86	3849267.13	0.10379	0.14088	0.113	1.54E-03	9.95E-06	2.94E-03	0.004495	1.58E-03	9.79E-06	3.27E-03	0.004858	1.50E-03	1.24E-05	6.28E-03	7.79E-03
5381	476550.75	3849300.66	0.1012	0.1345	0.11014	1.51E-03	9.50E-06	2.87E-03	0.004381	1.54E-03	9.35E-06	3.19E-03	0.004736	1.46E-03	1.19E-05	6.12E-03	7.59E-03
5382	476656.71	3849346.88	0.09953	0.13028	0.10938	1.48E-03	9.20E-06	2.85E-03	0.004336	1.51E-03	9.05E-06	3.17E-03	0.004688	1.44E-03	1.15E-05	6.08E-03	7.53E-03
5383	476873.55	3849454.53	0.10953	0.12988	0.11397	1.63E-03	9.17E-06	2.97E-03	0.004605	1.67E-03	9.03E-06	3.30E-03	0.004973	1.58E-03	1.15E-05	6.33E-03	7.93E-03
5384	477700	3849859.7	0.12223	0.1557	0.13312	1.82E-03	1.10E-05	3.46E-03	0.005294	1.86E-03	1.08E-05	3.85E-03	0.005722	1.77E-03	1.37E-05	7.40E-03	9.18E-03
5385	477743.16	3849856.38	0.11735	0.15386	0.12888	1.75E-03	1.09E-05	3.35E-03	0.005111	1.78E-03	1.07E-05	3.73E-03	0.005525	1.70E-03	1.36E-05	7.16E-03	8.87E-03
5386	478477.35	3850216.33	0.1715	0.18668	0.17866	2.55E-03	1.32E-05	4.65E-03	0.007214	2.61E-03	1.30E-05	5.17E-03	0.007791	2.48E-03	1.65E-05	9.93E-03	1.24E-02
5387	478485.8	3850201.6	0.17427	0.19148	0.18636	2.59E-03	1.35E-05	4.85E-03	0.007456	2.65E-03	1.33E-05	5.39E-03	0.008057	2.52E-03	1.69E-05	1.04E-02	1.29E-02
5388	479113.21	3850501.53	0.24144	0.31784	0.2685	3.59E-03	2.24E-05	6.99E-03	0.010601	3.67E-03	2.21E-05	7.77E-03	0.011464	3.49E-03	2.80E-05	1.49E-02	1.84E-02
5389	479108.11	3850382.28	0.24536	0.32324	0.2716	3.65E-03	2.28E-05	7.07E-03	0.010741	3.73E-03	2.25E-05	7.86E-03	0.011613	3.55E-03	2.85E-05	1.51E-02	1.87E-02
5390	479689.85	3850674.28	0.28703	0.37236	0.31986	4.27E-03	2.63E-05	8.32E-03	0.01262	4.37E-03	2.59E-05	9.26E-03	0.013647	4.15E-03	3.29E-05	1.78E-02	2.20E-02
5391	479952.42	3850774.28	0.29512	0.38822	0.3163	4.39E-03	2.74E-05	8.23E-03	0.012649	4.49E-03	2.70E-05	9.15E-03	0.013668	4.26E-03	3.43E-05	1.76E-02	2.19E-02
5392	479911.32	3850884.85	0.30517	0.40227	0.33936	4.54E-03	2.84E-05	8.83E-03	0.0134	4.64E-03	2.80E-05	9.82E-03	0.014489	4.41E-03	3.55E-05	1.89E-02	2.33E-02
5393	480500.92	3851178.12	0.33631	0.43564	0.37489	5.01E-03	3.08E-05	9.75E-03	0.01479	5.11E-03	3.03E-05	1.08E-02	0.015993	4.86E-03	3.84E-05	2.08E-02	2.57E-02
5394	480738.01	3851289.27	0.33567	0.4028	0.37308	5.00E-03	2.84E-05	9.71E-03	0.014731	5.11E-03	2.80E-05	1.08E-02	0.015929	4.85E-03	3.55E-05	2.07E-02	2.56E-02
5395	481055.42	3851443.58	0.33333	0.41888	0.35371	4.96E-03	2.96E-05	9.20E-03	0.014193	5.07E-03	2.91E-05	1.02E-02	0.015334	4.82E-03	3.70E-05	1.97E-02	2.45E-02
5396	481110.22	3851443.15	0.32944	0.40286	0.35567	4.90E-03	2.84E-05	9.25E-03	0.014185	5.01E-03	2.80E-05	1.03E-02	0.015331	4.76E-03	3.55E-05	1.98E-02	2.46E-02
5397	481111.1	3851417.45	0.3278	0.37587	0.35743	4.88E-03	2.65E-05	9.30E-03	0.014205	4.99E-03	2.61E-05	1.03E-02	0.015355	4.74E-03	3.32E-05	1.99E-02	2.46E-02
5398	482248.44	3852605.09	0.46228	0.66422	0.49768	6.88E-03	4.69E-05	1.29E-02	0.019875	7.03E-03	4.62E-05	1.44E-02	0.021478	6.68E-03	5.86E-05	2.77E-02	3.44E-02
5399	482273.34	3852632.31	0.4652	0.66756	0.50134	6.92E-03	4.71E-05	1.30E-02	0.020014	7.08E-03	4.64E-05	1.45E-02	0.021629	6.72E-03	5.89E-05	2.79E-02	3.46E-02
5400	482665.46	3853038.72	0.54298	0.89957	0.58282	8.08E-03	6.35E-05	1.52E-02	0.023308	8.26E-03	6.25E-05	1.69E-02	0.025186	7.85E-03	7.94E-05	3.24E-02	4.03E-02
5401	483077.95	3853844.31	1.40894	1.74623	1.45564	2.10E-02	1.23E-04	3.79E-02	0.058965	2.14E-02	1.21E-04	4.21E-02	0.063672	2.04E-02	1.54E-04	8.09E-02	1.01E-01

5402	483121.38	3853909.38	1.41446	1.85392	1.58951	2.11E-02	1.31E-04	4.14E-02	0.062537	2.15E-02	1.29E-04	4.60E-02	0.067637	2.04E-02	1.64E-04	8.83E-02	1.09E-01
5403	483492.64	3853911.49	0.9055	1.56334	1.02042	1.35E-02	1.10E-04	2.65E-02	0.040136	1.38E-02	1.09E-04	2.95E-02	0.043408	1.31E-02	1.38E-04	5.67E-02	6.99E-02
5404	483498.29	3854204.73	1.2965	2.32815	1.72567	1.93E-02	1.64E-04	4.49E-02	0.064357	1.97E-02	1.62E-04	4.99E-02	0.069816	1.87E-02	2.05E-04	9.59E-02	1.15E-01
5405	484132.44	3854662.55	0.99518	2.74981	0.92846	1.48E-02	1.94E-04	2.42E-02	0.039162	1.51E-02	1.91E-04	2.69E-02	0.042194	1.44E-02	2.43E-04	5.16E-02	6.62E-02
5406	484627.62	3854876.13	1.35778	4.26716	1.08778	2.02E-02	3.01E-04	2.83E-02	0.048811	2.07E-02	2.97E-04	3.15E-02	0.052424	1.96E-02	3.77E-04	6.04E-02	8.04E-02
5407	484756.14	3854949.04	1.49319	4.50892	1.17705	2.22E-02	3.18E-04	3.06E-02	0.053166	2.27E-02	3.13E-04	3.41E-02	0.057084	2.16E-02	3.98E-04	6.54E-02	8.74E-02
5408	486697.51	3856599.17	2.20457	1.44317	2.41442	3.28E-02	1.02E-04	6.28E-02	0.09573	3.35E-02	1.00E-04	6.99E-02	0.103496	3.19E-02	1.27E-04	1.34E-01	1.66E-01
5409	487105.31	3856962.27	2.79042	2.028	3.07134	4.15E-02	1.43E-04	7.99E-02	0.121582	4.24E-02	1.41E-04	8.89E-02	0.131456	4.03E-02	1.79E-04	1.71E-01	2.11E-01
5410	487157.57	3856901.7	2.55495	1.87418	2.80877	3.80E-02	1.32E-04	7.31E-02	0.111235	3.89E-02	1.30E-04	8.13E-02	0.120266	3.69E-02	1.65E-04	1.56E-01	1.93E-01
5411	487173.5	3856853.74	2.41325	1.73603	2.65244	3.59E-02	1.23E-04	6.90E-02	0.105049	3.67E-02	1.21E-04	7.68E-02	0.113578	3.49E-02	1.53E-04	1.47E-01	1.82E-01
5412	487564.41	3856860.83	2.06204	1.89916	2.25602	3.07E-02	1.34E-04	5.87E-02	0.08952	3.14E-02	1.32E-04	6.53E-02	0.096776	2.98E-02	1.68E-04	1.25E-01	1.55E-01
5413	487563.31	3856931.58	2.16598	2.1948	2.38512	3.22E-02	1.55E-04	6.21E-02	0.094446	3.29E-02	1.53E-04	6.90E-02	0.102113	3.13E-02	1.94E-04	1.33E-01	1.64E-01
5414	487782.7	3856926.85	1.9624	2.25722	2.18251	2.92E-02	1.59E-04	5.68E-02	0.086149	2.98E-02	1.57E-04	6.32E-02	0.093159	2.84E-02	1.99E-04	1.21E-01	1.50E-01
5415	487782.39	3856757.07	1.78022	1.66021	1.93798	2.65E-02	1.17E-04	5.04E-02	0.077034	2.71E-02	1.15E-04	5.61E-02	0.08327	2.57E-02	1.46E-04	1.08E-01	1.34E-01
5416	487917.26	3856752.41	1.70975	1.66164	1.86029	2.54E-02	1.17E-04	4.84E-02	0.073964	2.60E-02	1.15E-04	5.38E-02	0.079951	2.47E-02	1.47E-04	1.03E-01	1.28E-01
5417	487919.57	3856953.35	1.90129	2.35247	2.10767	2.83E-02	1.66E-04	5.48E-02	0.083299	2.89E-02	1.64E-04	6.10E-02	0.09007	2.75E-02	2.08E-04	1.17E-01	1.45E-01
5418	487932.76	3857000.32	1.93709	2.58712	2.15707	2.88E-02	1.83E-04	5.61E-02	0.085134	2.95E-02	1.80E-04	6.24E-02	0.09206	2.80E-02	2.28E-04	1.20E-01	1.48E-01
5419	487960.5	3857044.75	1.96126	2.84524	2.18919	2.92E-02	2.01E-04	5.70E-02	0.086348	2.98E-02	1.98E-04	6.33E-02	0.093375	2.83E-02	2.51E-04	1.22E-01	1.50E-01
5420	488016.54	3857089.54	1.95874	3.01343	2.19441	2.92E-02	2.13E-04	5.71E-02	0.086458	2.98E-02	2.09E-04	6.35E-02	0.0935	2.83E-02	2.66E-04	1.22E-01	1.51E-01
5421	488114.39	3857165.47	1.94718	3.29745	2.21863	2.90E-02	2.33E-04	5.77E-02	0.086936	2.96E-02	2.29E-04	6.42E-02	0.094045	2.81E-02	2.91E-04	1.23E-01	1.52E-01
5422	488171.49	3857234.24	1.95928	3.48354	2.2349	2.92E-02	2.46E-04	5.81E-02	0.087552	2.98E-02	2.42E-04	6.47E-02	0.094712	2.83E-02	3.07E-04	1.24E-01	1.53E-01
5423	488193.16	3857297.8	2.00076	3.58895	2.29667	2.98E-02	2.53E-04	5.97E-02	0.089784	3.04E-02	2.49E-04	6.65E-02	0.097138	2.89E-02	3.17E-04	1.28E-01	1.57E-01
5424	488189.27	3857649.94	2.37559	3.22471	2.74746	3.54E-02	2.28E-04	7.15E-02	0.107065	3.61E-02	2.24E-04	7.95E-02	0.115858	3.43E-02	2.85E-04	1.53E-01	1.87E-01
5425	488127.43	3857732.32	2.57423	3.03638	3.04025	3.83E-02	2.14E-04	7.91E-02	0.117626	3.92E-02	2.11E-04	8.80E-02	0.127339	3.72E-02	2.68E-04	1.69E-01	2.06E-01
5426	488149.93	3857752.94	2.56529	2.97581	3.02927	3.82E-02	2.10E-04	7.88E-02	0.117203	3.90E-02	2.07E-04	8.77E-02	0.126881	3.71E-02	2.63E-04	1.68E-01	2.06E-01
5427	488144.76	3857758.71	2.58025	2.99445	3.054	3.84E-02	2.11E-04	7.95E-02	0.11807	3.92E-02	2.08E-04	8.84E-02	0.127825	3.73E-02	2.64E-04	1.70E-01	2.07E-01
5428	488335.58	3857932.55	2.38729	2.09769	2.81365	3.55E-02	1.48E-04	7.32E-02	0.108882	3.63E-02	1.46E-04	8.14E-02	0.117873	3.45E-02	1.85E-04	1.56E-01	1.91E-01
5429	488372.29	3857943.79	2.33748	2.02226	2.74094	3.48E-02	1.43E-04	7.13E-02	0.106244	3.56E-02	1.41E-04	7.93E-02	0.115006	3.38E-02	1.78E-04	1.52E-01	1.86E-01
5430	488828.64	3857936.4	1.77737	1.6491	2.02363	2.65E-02	1.16E-04	5.26E-02	0.079219	2.70E-02	1.15E-04	5.86E-02	0.085705	2.57E-02	1.46E-04	1.12E-01	1.38E-01
5431	488829.08	3857959.58	1.79133	1.62298	2.03183	2.67E-02	1.15E-04	5.29E-02	0.079638	2.72E-02	1.13E-04	5.88E-02	0.086152	2.59E-02	1.43E-04	1.13E-01	1.39E-01
5432	488351.61	3857964.55	2.38385	2.04109	2.81182	3.55E-02	1.44E-04	7.32E-02	0.108779	3.63E-02	1.42E-04	8.14E-02	0.117764	3.44E-02	1.80E-04	1.56E-01	1.91E-01
5433	488316.87	3857947.65	2.43037	2.1152	2.87228	3.62E-02	1.49E-04	7.47E-02	0.11105	3.70E-02	1.47E-04	8.31E-02	0.120226	3.51E-02	1.87E-04	1.60E-01	1.95E-01
5434	488129.1	3857775.77	2.61991	2.9226	3.12739	3.90E-02	2.06E-04	8.14E-02	0.120565	3.98E-02	2.03E-04	9.05E-02	0.130547	3.79E-02	2.58E-04	1.74E-01	2.12E-01
5435	488062.53	3857846.13	2.79798	2.87207	3.43339	4.16E-02	2.03E-04	8.93E-02	0.131173	4.26E-02	2.00E-04	9.94E-02	0.142107	4.04E-02	2.53E-04	1.91E-01	2.31E-01
5436	488330.41	3858091.34	2.48262	1.8746	3.05031	3.70E-02	1.32E-04	7.94E-02	0.116442	3.78E-02	1.30E-04	8.83E-02	0.126156	3.59E-02	1.65E-04	1.69E-01	2.06E-01
5437	488470.87	3858174.45	2.28612	1.6013	2.67027	3.40E-02	1.13E-04	6.95E-02	0.103611	3.48E-02	1.11E-04	7.73E-02	0.112151	3.30E-02	1.41E-04	1.48E-01	1.82E-01
5438	488568.9	3858262.31	2.12631	1.40486	2.33257	3.16E-02	9.92E-05	6.07E-02	0.092433	3.23E-02	9.76E-05	6.75E-02	0.099935	3.07E-02	1.24E-04	1.30E-01	1.60E-01
5439	488964.27	3858025.71	1.67539	1.45769	1.89584	2.49E-02	1.03E-04	4.93E-02	0.074363	2.55E-02	1.01E-04	5.49E-02	0.080442	2.42E-02	1.29E-04	1.05E-01	1.30E-01
5440	489147.25	3857956.64	1.51582	1.40009	1.74588	2.26E-02	9.89E-05	4.54E-02	0.068082	2.31E-02	9.73E-05	5.05E-02	0.073672	2.19E-02	1.24E-04	9.70E-02	1.19E-01
5441	489343.52	3857932.45	1.38624	1.33617	1.59929	2.06E-02	9.43E-05	4.16E-02	0.062335	2.11E-02	9.29E-05	4.63E-02	0.067455	2.00E-02	1.18E-04	8.89E-02	1.09E-01
5442	489866.19	3857923.19	1.11625	1.1504	1.29161	1.66E-02	8.12E-05	3.36E-02	0.050299	1.70E-02	8.00E-05	3.74E-02	0.054432	1.61E-02	1.02E-04	7.18E-02	8.80E-02
5443	489955.65	3857902.27	1.06993	1.11255	1.2447	1.59E-02	7.86E-05	3.24E-02	0.048386	1.63E-02	7.73E-05	3.60E-02	0.052368	1.55E-02	9.82E-05	6.92E-02	8.47E-02
5444	490079.44	3857847.9	1.0334	1.07622	1.18697	1.54E-02	7.60E-05	3.09E-02	0.046338	1.57E-02	7.48E-05	3.43E-02	0.050139	1.49E-02	9.50E-05	6.60E-02	8.10E-02
5445	490108.49	3857934.13	1.01568	1.0384	1.17096	1.51E-02	7.33E-05	3.05E-02	0.045655	1.54E-02	7.22E-05	3.39E-02	0.049404	1.47E-02	9.16E-05	6.51E-02	7.98E-02
5446	489884.48	3858014.17	1.10561	1.07015	1.27199	1.65E-02	7.56E-05	3.31E-02	0.049624	1.68E-02	7.44E-05	3.68E-02	0.053697	1.60E-02	9.44E-05	7.07E-02	8.68E-02
5447	489326.56	3858025.86	1.39255	1.26815	1.60638	2.07E-02	8.95E-05	4.18E-02	0.062609	2.12E-02	8.81E-05	4.65E-02	0.067751	2.01E-02	1.12E-04	8.93E-02	1.09E-01
5448	489130.38	3858056.71	1.53419	1.35038	1.75264	2.28E-02	9.53E-05	4.56E-02	0.068528	2.33E-02	9.39E-05	5.07E-02	0.074144	2.22E-02	1.19E-04	9.74E-02	1.20E-01

5449	488936.49	3858143.93	1.69577	1.33421	1.90902	2.52E-02	9.42E-05	4.97E-02	0.075	2.58E-02	9.27E-05	5.52E-02	0.081125	2.45E-02	1.18E-04	1.06E-01	1.31E-01
5450	488638.08	3858327.45	1.99793	1.31736	2.213	2.97E-02	9.30E-05	5.76E-02	0.087405	3.04E-02	9.16E-05	6.40E-02	0.094516	2.89E-02	1.16E-04	1.23E-01	1.52E-01
5451	488663.79	3858349.57	1.94203	1.28747	2.16235	2.89E-02	9.09E-05	5.63E-02	0.085253	2.95E-02	8.95E-05	6.26E-02	0.092198	2.81E-02	1.14E-04	1.20E-01	1.48E-01
5452	488694.56	3858349.5	1.89827	1.27263	2.11939	2.83E-02	8.99E-05	5.51E-02	0.083483	2.89E-02	8.85E-05	6.13E-02	0.090288	2.74E-02	1.12E-04	1.18E-01	1.45E-01
5453	488694.35	3858336.75	1.90693	1.28268	2.13064	2.84E-02	9.06E-05	5.54E-02	0.083905	2.90E-02	8.91E-05	6.17E-02	0.090746	2.76E-02	1.13E-04	1.18E-01	1.46E-01
5454	488712.81	3858336.38	1.88097	1.27674	2.10588	2.80E-02	9.01E-05	5.48E-02	0.082874	2.86E-02	8.87E-05	6.09E-02	0.089635	2.72E-02	1.13E-04	1.17E-01	1.44E-01
5455	488713.23	3858367.46	1.86357	1.25158	2.06734	2.77E-02	8.84E-05	5.38E-02	0.081611	2.83E-02	8.70E-05	5.98E-02	0.088253	2.69E-02	1.10E-04	1.15E-01	1.42E-01
5456	488704.63	3858384.05	1.87413	1.23094	2.05395	2.79E-02	8.69E-05	5.34E-02	0.081418	2.85E-02	8.56E-05	5.94E-02	0.088025	2.71E-02	1.09E-04	1.14E-01	1.41E-01
5457	488604.15	3858488.29	2.05926	1.21642	1.98311	3.07E-02	8.59E-05	5.16E-02	0.08233	3.13E-02	8.45E-05	5.74E-02	0.088789	2.98E-02	1.07E-04	1.10E-01	1.40E-01
5458	488605.66	3858550.47	2.15539	1.16516	1.85553	3.21E-02	8.23E-05	4.83E-02	0.080438	3.28E-02	8.10E-05	5.37E-02	0.086556	3.11E-02	1.03E-04	1.03E-01	1.34E-01
5459	488692.68	3858548.71	1.96107	1.15559	1.75395	2.92E-02	8.16E-05	4.56E-02	0.074902	2.98E-02	8.03E-05	5.08E-02	0.08066	2.83E-02	1.02E-04	9.75E-02	1.26E-01
5460	488759.93	3858461.81	1.79409	1.15946	1.84047	2.67E-02	8.19E-05	4.79E-02	0.074668	2.73E-02	8.06E-05	5.33E-02	0.080625	2.59E-02	1.02E-04	1.02E-01	1.28E-01
5461	488816.57	3858541.79	1.75467	1.09238	1.6375	2.61E-02	7.71E-05	4.26E-02	0.068796	2.67E-02	7.59E-05	4.74E-02	0.074147	2.54E-02	9.64E-05	9.10E-02	1.16E-01
5462	488944.63	3858656.77	1.66449	1.02602	1.45925	2.48E-02	7.24E-05	3.80E-02	0.062812	2.53E-02	7.13E-05	4.22E-02	0.067613	2.41E-02	9.05E-05	8.11E-02	1.05E-01
5463	489134.91	3858830.7	1.48452	0.9177	1.24177	2.21E-02	6.48E-05	3.23E-02	0.054467	2.26E-02	6.38E-05	3.59E-02	0.058575	2.15E-02	8.10E-05	6.90E-02	9.05E-02
5464	489193.99	3858886.05	1.35209	0.88677	1.18264	2.01E-02	6.26E-05	3.08E-02	0.050956	2.06E-02	6.16E-05	3.42E-02	0.054848	1.95E-02	7.82E-05	6.57E-02	8.53E-02
5465	489295.2	3858954.34	1.19837	0.84124	1.1108	1.78E-02	5.94E-05	2.89E-02	0.046795	1.82E-02	5.85E-05	3.21E-02	0.050428	1.73E-02	7.42E-05	6.17E-02	7.91E-02
5466	489295.64	3858992.74	1.16132	0.81537	1.08433	1.73E-02	5.76E-05	2.82E-02	0.045553	1.77E-02	5.67E-05	3.14E-02	0.049097	1.68E-02	7.19E-05	6.03E-02	7.71E-02
5467	489183.74	3858911.72	1.33843	0.86577	1.16847	1.99E-02	6.11E-05	3.04E-02	0.050382	2.04E-02	6.02E-05	3.38E-02	0.054228	1.93E-02	7.64E-05	6.49E-02	8.43E-02
5468	488873.37	3858625.59	1.73465	1.06346	1.53353	2.58E-02	7.51E-05	3.99E-02	0.065791	2.64E-02	7.39E-05	4.44E-02	0.070832	2.51E-02	9.38E-05	8.52E-02	1.10E-01
5469	488842.84	3858658.69	1.80654	1.0545	1.52765	2.69E-02	7.45E-05	3.97E-02	0.066708	2.75E-02	7.33E-05	4.42E-02	0.071755	2.61E-02	9.30E-05	8.49E-02	1.11E-01
5470	488856.39	3858670.93	1.79703	1.04551	1.50552	2.67E-02	7.38E-05	3.92E-02	0.06599	2.73E-02	7.27E-05	4.36E-02	0.070969	2.60E-02	9.22E-05	8.37E-02	1.10E-01
5471	488805.7	3858724.5	2.08662	1.01543	1.47622	3.11E-02	7.17E-05	3.84E-02	0.069536	3.17E-02	7.06E-05	4.27E-02	0.074523	3.02E-02	8.96E-05	8.20E-02	1.12E-01
5472	488805.87	3858804.16	2.57703	0.98199	1.43438	3.84E-02	6.93E-05	3.73E-02	0.075745	3.92E-02	6.83E-05	4.15E-02	0.080769	3.72E-02	8.66E-05	7.97E-02	1.17E-01
5473	488995.78	3858936.96	1.69963	0.89473	1.23812	2.53E-02	6.32E-05	3.22E-02	0.057573	2.58E-02	6.22E-05	3.58E-02	0.061739	2.46E-02	7.89E-05	6.88E-02	9.34E-02
5474	489130.76	3859017.38	1.29307	0.84082	1.14806	1.92E-02	5.94E-05	2.99E-02	0.049174	1.97E-02	5.84E-05	3.32E-02	0.052946	1.87E-02	7.42E-05	6.38E-02	8.26E-02
5475	489130.92	3859052.24	1.25387	0.82731	1.11931	1.87E-02	5.84E-05	2.91E-02	0.047842	1.91E-02	5.75E-05	3.24E-02	0.051517	1.81E-02	7.30E-05	6.22E-02	8.04E-02
5476	489200.33	3859090.6	1.15227	0.8081	1.08206	1.72E-02	5.71E-05	2.82E-02	0.045359	1.75E-02	5.62E-05	3.13E-02	0.048893	1.67E-02	7.13E-05	6.01E-02	7.68E-02
5477	489296.07	3859143.7	1.04699	0.77822	1.03186	1.56E-02	5.49E-05	2.68E-02	0.042484	1.59E-02	5.41E-05	2.99E-02	0.045837	1.51E-02	6.87E-05	5.73E-02	7.25E-02
5478	489296.43	3858954.74	1.19723	0.84109	1.11022	1.78E-02	5.94E-05	2.89E-02	0.046763	1.82E-02	5.85E-05	3.21E-02	0.050394	1.73E-02	7.42E-05	6.17E-02	7.91E-02
5479	489410.33	3859033.19	1.07094	0.79337	1.04112	1.59E-02	5.60E-05	2.71E-02	0.043082	1.63E-02	5.51E-05	3.01E-02	0.04647	1.55E-02	7.00E-05	5.79E-02	7.34E-02
5480	489371.37	3859089.8	1.05627	0.76098	1.04864	1.57E-02	5.37E-05	2.73E-02	0.043057	1.61E-02	5.29E-05	3.03E-02	0.046462	1.53E-02	6.71E-05	5.83E-02	7.36E-02
5481	489390.52	3859102.82	1.03384	0.75345	1.0373	1.54E-02	5.32E-05	2.70E-02	0.042428	1.57E-02	5.24E-05	3.00E-02	0.045792	1.49E-02	6.65E-05	5.76E-02	7.26E-02
5482	489382.3	3859114.53	1.03715	0.74836	1.03957	1.54E-02	5.28E-05	2.70E-02	0.042536	1.58E-02	5.20E-05	3.01E-02	0.045908	1.50E-02	6.60E-05	5.78E-02	7.28E-02
5483	489363.04	3859102.45	1.05288	0.75574	1.04961	1.57E-02	5.34E-05	2.73E-02	0.043032	1.60E-02	5.25E-05	3.04E-02	0.046438	1.52E-02	6.67E-05	5.83E-02	7.36E-02
5484	489337.52	3859140.71	1.01921	0.75633	1.02546	1.52E-02	5.34E-05	2.67E-02	0.041902	1.55E-02	5.26E-05	2.97E-02	0.045228	1.47E-02	6.67E-05	5.70E-02	7.18E-02
5485	489375.14	3859164.55	0.995	0.74279	1.00578	1.48E-02	5.24E-05	2.62E-02	0.041029	1.51E-02	5.16E-05	2.91E-02	0.044289	1.44E-02	6.55E-05	5.59E-02	7.03E-02
5486	489409.3	3859114.5	1.01958	0.74705	1.02804	1.52E-02	5.27E-05	2.67E-02	0.041974	1.55E-02	5.19E-05	2.97E-02	0.045307	1.47E-02	6.59E-05	5.71E-02	7.19E-02
5487	489434.87	3859131.81	1.00144	0.7378	1.01782	1.49E-02	5.21E-05	2.65E-02	0.041438	1.52E-02	5.13E-05	2.95E-02	0.044735	1.45E-02	6.51E-05	5.66E-02	7.11E-02
5488	489471.87	3859075.75	1.01655	0.76981	1.00933	1.51E-02	5.44E-05	2.63E-02	0.041444	1.55E-02	5.35E-05	2.92E-02	0.044721	1.47E-02	6.79E-05	5.61E-02	7.08E-02
5489	489602.62	3859164.69	0.91983	0.7265	0.93727	1.37E-02	5.13E-05	2.44E-02	0.038127	1.40E-02	5.05E-05	2.71E-02	0.041162	1.33E-02	6.41E-05	5.21E-02	6.54E-02
5490	489558.29	3859232.45	0.90859	0.69126	0.94914	1.35E-02	4.88E-05	2.47E-02	0.038266	1.38E-02	4.80E-05	2.75E-02	0.041332	1.31E-02	6.10E-05	5.27E-02	6.59E-02
5491	489620.11	3859273.56	0.8615	0.67255	0.92047	1.28E-02	4.75E-05	2.39E-02	0.036818	1.31E-02	4.67E-05	2.66E-02	0.039785	1.24E-02	5.93E-05	5.11E-02	6.37E-02
5492	489666.06	3859206.42	0.8917	0.70635	0.90934	1.33E-02	4.99E-05	2.37E-02	0.03698	1.36E-02	4.91E-05	2.63E-02	0.039925	1.29E-02	6.23E-05	5.05E-02	6.35E-02
5493	489787.9	3859285.65	0.83142	0.67072	0.86484	1.24E-02	4.74E-05	2.25E-02	0.034922	1.26E-02	4.66E-05	2.50E-02	0.037718	1.20E-02	5.92E-05	4.81E-02	6.01E-02
5494	489752.17	3859343.13	0.79834	0.63619	0.86995	1.19E-02	4.49E-05	2.26E-02	0.034561	1.21E-02	4.42E-05	2.52E-02	0.03736	1.15E-02	5.61E-05	4.83E-02	5.99E-02
5495	489814.94	3859385.33	0.76963	0.61921	0.8446	1.15E-02	4.37E-05	2.20E-02	0.033473	1.17E-02	4.30E-05	2.44E-02	0.036189	1.11E-02	5.46E-05	4.69E-02	5.81E-02

5496	489853.42	3859330.74	0.79682	0.65227	0.8422	1.19E-02	4.61E-05	2.19E-02	0.033817	1.21E-02	4.53E-05	2.44E-02	0.036535	1.15E-02	5.76E-05	4.68E-02	5.84E-02
5497	489969.5	3859401.91	0.74729	0.6254	0.80504	1.11E-02	4.42E-05	2.09E-02	0.032111	1.14E-02	4.35E-05	2.33E-02	0.034705	1.08E-02	5.52E-05	4.47E-02	5.56E-02
5498	490166.91	3859486.96	0.67864	0.59232	0.7521	1.01E-02	4.18E-05	1.96E-02	0.02971	1.03E-02	4.12E-05	2.18E-02	0.032126	9.81E-03	5.23E-05	4.18E-02	5.17E-02
5499	490128.86	3859571.46	0.65006	0.55977	0.7451	9.68E-03	3.95E-05	1.94E-02	0.0291	9.89E-03	3.89E-05	2.16E-02	0.031487	9.39E-03	4.94E-05	4.14E-02	5.08E-02
5500	490186.65	3859593.65	0.63215	0.5579	0.72674	9.41E-03	3.94E-05	1.89E-02	0.028356	9.61E-03	3.88E-05	2.10E-02	0.030683	9.13E-03	4.92E-05	4.04E-02	4.96E-02
5501	490223.74	3859517.48	0.66264	0.57971	0.73656	9.86E-03	4.09E-05	1.92E-02	0.029066	1.01E-02	4.03E-05	2.13E-02	0.031432	9.58E-03	5.11E-05	4.09E-02	5.06E-02
5502	490846.34	3859817.22	0.53298	0.48912	0.60579	7.93E-03	3.45E-05	1.58E-02	0.023728	8.11E-03	3.40E-05	1.75E-02	0.02567	7.70E-03	4.32E-05	3.37E-02	4.14E-02
5503	490925.65	3859844.59	0.52653	0.47831	0.59785	7.84E-03	3.38E-05	1.56E-02	0.023425	8.01E-03	3.32E-05	1.73E-02	0.025341	7.61E-03	4.22E-05	3.32E-02	4.09E-02
5504	491159.29	3859896.28	0.48857	0.45269	0.55773	7.27E-03	3.20E-05	1.45E-02	0.021814	7.43E-03	3.15E-05	1.61E-02	0.023601	7.06E-03	3.99E-05	3.10E-02	3.81E-02
5505	491370.69	3859960.89	0.46382	0.43549	0.52489	6.90E-03	3.07E-05	1.37E-02	0.02059	7.05E-03	3.03E-05	1.52E-02	0.022273	6.70E-03	3.84E-05	2.92E-02	3.59E-02
5506	491330.28	3860063.17	0.44496	0.41437	0.52112	6.62E-03	2.93E-05	1.36E-02	0.02021	6.77E-03	2.88E-05	1.51E-02	0.021876	6.43E-03	3.66E-05	2.90E-02	3.54E-02
5507	491636.45	3860180.75	0.41215	0.38686	0.48894	6.13E-03	2.73E-05	1.27E-02	0.018882	6.27E-03	2.69E-05	1.41E-02	0.020444	5.96E-03	3.41E-05	2.72E-02	3.32E-02
5508	491617.94	3860203.93	0.40948	0.3869	0.4913	6.10E-03	2.73E-05	1.28E-02	0.018904	6.23E-03	2.69E-05	1.42E-02	0.020471	5.92E-03	3.41E-05	2.73E-02	3.33E-02
5509	491805.68	3860271.59	0.39247	0.37208	0.46786	5.84E-03	2.63E-05	1.22E-02	0.01804	5.97E-03	2.59E-05	1.35E-02	0.019533	5.67E-03	3.28E-05	2.60E-02	3.17E-02
5510	491654.23	3860414.02	0.38266	0.37477	0.43286	5.70E-03	2.65E-05	1.13E-02	0.016984	5.82E-03	2.60E-05	1.25E-02	0.018372	5.53E-03	3.31E-05	2.41E-02	2.96E-02
5511	491592.62	3860510.76	0.36427	0.36236	0.43283	5.42E-03	2.56E-05	1.13E-02	0.016708	5.54E-03	2.52E-05	1.25E-02	0.01809	5.26E-03	3.20E-05	2.41E-02	2.93E-02
5512	491475.41	3860368.93	0.39127	0.3788	0.45249	5.82E-03	2.67E-05	1.18E-02	0.017623	5.95E-03	2.63E-05	1.31E-02	0.019071	5.65E-03	3.34E-05	2.51E-02	3.08E-02
5513	491445.61	3860337.28	0.39383	0.38156	0.45388	5.86E-03	2.69E-05	1.18E-02	0.017697	5.99E-03	2.65E-05	1.31E-02	0.01915	5.69E-03	3.37E-05	2.52E-02	3.09E-02
5514	491399.05	3860300.37	0.40112	0.38607	0.45801	5.97E-03	2.73E-05	1.19E-02	0.017913	6.10E-03	2.68E-05	1.33E-02	0.019381	5.80E-03	3.41E-05	2.54E-02	3.13E-02
5515	491228.84	3860235.98	0.42146	0.40387	0.48528	6.27E-03	2.85E-05	1.26E-02	0.018927	6.41E-03	2.81E-05	1.40E-02	0.020481	6.09E-03	3.56E-05	2.70E-02	3.31E-02
5516	491228.47	3860174.57	0.43081	0.40572	0.48472	6.41E-03	2.86E-05	1.26E-02	0.019052	6.55E-03	2.82E-05	1.40E-02	0.020607	6.23E-03	3.58E-05	2.69E-02	3.32E-02
5517	491145.77	3860112.55	0.44449	0.41839	0.50411	6.62E-03	2.95E-05	1.31E-02	0.019761	6.76E-03	2.91E-05	1.46E-02	0.021377	6.42E-03	3.69E-05	2.80E-02	3.45E-02
5518	490844.41	3859966.22	0.49306	0.46771	0.56501	7.34E-03	3.30E-05	1.47E-02	0.022071	7.50E-03	3.25E-05	1.63E-02	0.023881	7.12E-03	4.13E-05	3.14E-02	3.86E-02
5519	490845.55	3859928.15	0.5116	0.46528	0.57172	7.62E-03	3.29E-05	1.49E-02	0.022522	7.78E-03	3.23E-05	1.65E-02	0.024357	7.39E-03	4.11E-05	3.18E-02	3.92E-02
5520	490046.91	3859625.6	0.67504	0.56863	0.71925	1.00E-02	4.01E-05	1.87E-02	0.0288	1.03E-02	3.95E-05	2.08E-02	0.031119	9.75E-03	5.02E-05	4.00E-02	4.98E-02
5521	489970.48	3859589.4	0.6978	0.57981	0.74019	1.04E-02	4.09E-05	1.93E-02	0.029684	1.06E-02	4.03E-05	2.14E-02	0.032072	1.01E-02	5.12E-05	4.11E-02	5.13E-02
5522	489865.89	3859529.06	0.73667	0.601	0.77045	1.10E-02	4.24E-05	2.00E-02	0.031052	1.12E-02	4.18E-05	2.23E-02	0.03354	1.06E-02	5.30E-05	4.28E-02	5.35E-02
5523	489826.89	3859531.74	0.73418	0.59933	0.76528	1.09E-02	4.23E-05	1.99E-02	0.03088	1.12E-02	4.17E-05	2.21E-02	0.033353	1.06E-02	5.29E-05	4.25E-02	5.32E-02
5524	489410.47	3859303.06	0.92805	0.68395	0.92259	1.38E-02	4.83E-05	2.40E-02	0.037864	1.41E-02	4.75E-05	2.67E-02	0.040859	1.34E-02	6.03E-05	5.13E-02	6.47E-02
5525	489407.15	3859286.09	0.9463	0.68626	0.93156	1.41E-02	4.85E-05	2.42E-02	0.038369	1.44E-02	4.77E-05	2.70E-02	0.041397	1.37E-02	6.06E-05	5.18E-02	6.55E-02
5526	488806.07	3858963.62	1.71441	0.90064	1.23073	2.55E-02	6.36E-05	3.20E-02	0.057601	2.61E-02	6.26E-05	3.56E-02	0.061751	2.48E-02	7.95E-05	6.84E-02	9.32E-02
5527	488817.64	3859546.3	0.78275	0.69337	0.8413	1.17E-02	4.90E-05	2.19E-02	0.033587	1.19E-02	4.82E-05	2.43E-02	0.036298	1.13E-02	6.12E-05	4.67E-02	5.81E-02
5528	489187.25	3859549.52	0.77183	0.66946	0.82061	1.15E-02	4.73E-05	2.13E-02	0.032885	1.17E-02	4.65E-05	2.37E-02	0.035531	1.12E-02	5.91E-05	4.56E-02	5.68E-02
5529	489187.66	3859523.74	0.77611	0.66309	0.82786	1.16E-02	4.68E-05	2.15E-02	0.033137	1.18E-02	4.61E-05	2.40E-02	0.035806	1.12E-02	5.85E-05	4.60E-02	5.73E-02
5530	489232.59	3859522.85	0.77594	0.65722	0.83836	1.15E-02	4.64E-05	2.18E-02	0.033407	1.18E-02	4.57E-05	2.43E-02	0.036107	1.12E-02	5.80E-05	4.66E-02	5.79E-02
5531	489224.98	3859759.91	0.67161	0.64254	0.76385	1.00E-02	4.54E-05	1.99E-02	0.029914	1.02E-02	4.47E-05	2.21E-02	0.032363	9.70E-03	5.67E-05	4.24E-02	5.22E-02
5532	488401.39	3859763.34	0.6153	0.54633	0.66579	9.16E-03	3.86E-05	1.73E-02	0.026518	9.36E-03	3.80E-05	1.93E-02	0.028662	8.89E-03	4.82E-05	3.70E-02	4.59E-02
5533	488405.51	3859966.16	0.53018	0.48496	0.58601	7.89E-03	3.42E-05	1.52E-02	0.023171	8.06E-03	3.37E-05	1.70E-02	0.025055	7.66E-03	4.28E-05	3.26E-02	4.03E-02
5534	489202.85	3859956.57	0.62234	0.57296	0.70084	9.26E-03	4.05E-05	1.82E-02	0.027537	9.46E-03	3.98E-05	2.03E-02	0.029785	8.99E-03	5.06E-05	3.89E-02	4.80E-02
5535	489191.9	3860676.74	0.40061	0.38601	0.46101	5.96E-03	2.73E-05	1.20E-02	0.017984	6.09E-03	2.68E-05	1.33E-02	0.01946	5.79E-03	3.41E-05	2.56E-02	3.14E-02
5536	488392.82	3860687.88	0.37557	0.36444	0.41365	5.59E-03	2.57E-05	1.08E-02	0.016377	5.71E-03	2.53E-05	1.20E-02	0.017707	5.43E-03	3.22E-05	2.30E-02	2.84E-02
5537	488392.82	3860760.27	0.36316	0.35292	0.40531	5.41E-03	2.49E-05	1.05E-02	0.015975	5.52E-03	2.45E-05	1.17E-02	0.017276	5.25E-03	3.11E-05	2.25E-02	2.78E-02
5538	487549.05	3860777.45	0.30912	0.3748	0.36687	4.60E-03	2.65E-05	9.54E-03	0.014172	4.70E-03	2.60E-05	1.06E-02	0.015344	4.47E-03	3.31E-05	2.04E-02	2.49E-02
5539	487554.62	3859571.83	0.60715	0.56461	0.64348	9.04E-03	3.99E-05	1.67E-02	0.025818	9.23E-03	3.92E-05	1.86E-02	0.027894	8.77E-03	4.98E-05	3.58E-02	4.46E-02
5540	485949.46	3859558.54	0.50111	0.58828	0.51959	7.46E-03	4.15E-05	1.35E-02	0.021018	7.62E-03	4.09E-05	1.50E-02	0.022698	7.24E-03	5.19E-05	2.89E-02	3.62E-02
5541	485947.55	3857943.61	1.77867	2.10412	1.73911	2.65E-02	1.49E-04	4.52E-02	0.071868	2.71E-02	1.46E-04	5.03E-02	0.077523	2.57E-02	1.86E-04	9.66E-02	1.23E-01
5542	484738.38	3857940.21	1.081	1.01116	1.05916	1.61E-02	7.14E-05	2.76E-02	0.043717	1.64E-02	7.03E-05	3.06E-02	0.04716	1.56E-02	8.92E-05	5.89E-02	7.46E-02

5543	484737.06	3857535.68	1.35907	1.12906	1.2978	2.02E-02	7.97E-05	3.38E-02	0.054073	2.07E-02	7.85E-05	3.76E-02	0.058303	1.96E-02	9.96E-05	7.21E-02	9.19E-02
5544	483730.2	3857530.13	0.9555	0.87778	0.95318	1.42E-02	6.20E-05	2.48E-02	0.039082	1.45E-02	6.10E-05	2.76E-02	0.042175	1.38E-02	7.74E-05	5.30E-02	6.68E-02
5545	483727.27	3857130.01	1.15822	1.06561	1.13835	1.72E-02	7.52E-05	2.96E-02	0.04693	1.76E-02	7.41E-05	3.29E-02	0.05063	1.67E-02	9.40E-05	6.33E-02	8.01E-02
5546	483124.42	3857123.45	0.9665	1.1139	0.98804	1.44E-02	7.87E-05	2.57E-02	0.04017	1.47E-02	7.74E-05	2.86E-02	0.043368	1.40E-02	9.83E-05	5.49E-02	6.90E-02
5547	483111.13	3855921.03	1.59391	2.67493	1.61945	2.37E-02	1.89E-04	4.21E-02	0.066045	2.42E-02	1.86E-04	4.69E-02	0.07129	2.30E-02	2.36E-04	9.00E-02	1.13E-01
5548	482701.73	3855918.24	1.26341	2.49803	1.34053	1.88E-02	1.76E-04	3.49E-02	0.053857	1.92E-02	1.74E-04	3.88E-02	0.05818	1.83E-02	2.20E-04	7.45E-02	9.30E-02
5549	482668.02	3853521.78	1.08005	1.54482	1.05913	1.61E-02	1.09E-04	2.76E-02	0.04374	1.64E-02	1.07E-04	3.06E-02	0.047182	1.56E-02	1.36E-04	5.89E-02	7.46E-02
5550	482579.91	3853219.19	0.71069	1.05385	0.71274	1.06E-02	7.44E-05	1.85E-02	0.029195	1.08E-02	7.32E-05	2.06E-02	0.031507	1.03E-02	9.30E-05	3.96E-02	5.00E-02
5551	482434.06	3852961.94	0.56849	0.84501	0.61576	8.46E-03	5.97E-05	1.60E-02	0.024541	8.65E-03	5.87E-05	1.78E-02	0.026523	8.21E-03	7.46E-05	3.42E-02	4.25E-02
5552	482332.11	3852832.85	0.53587	0.79937	0.57578	7.98E-03	5.64E-05	1.50E-02	0.023012	8.15E-03	5.56E-05	1.67E-02	0.024867	7.74E-03	7.05E-05	3.20E-02	3.98E-02
5553	481334.99	3851818.96	0.37308	0.51692	0.40327	5.55E-03	3.65E-05	1.05E-02	0.016081	5.67E-03	3.59E-05	1.17E-02	0.01738	5.39E-03	4.56E-05	2.24E-02	2.78E-02
5554	481127.62	3851646.36	0.35936	0.46686	0.38127	5.35E-03	3.30E-05	9.92E-03	0.015301	5.47E-03	3.24E-05	1.10E-02	0.016531	5.19E-03	4.12E-05	2.12E-02	2.64E-02
5555	481025.04	3851591.73	0.35818	0.46989	0.38869	5.33E-03	3.32E-05	1.01E-02	0.015477	5.45E-03	3.27E-05	1.12E-02	0.016728	5.18E-03	4.15E-05	2.16E-02	2.68E-02
5556	480513.6	3851335.76	0.33967	0.50139	0.38068	5.06E-03	3.54E-05	9.90E-03	0.014995	5.17E-03	3.48E-05	1.10E-02	0.016217	4.91E-03	4.42E-05	2.12E-02	2.61E-02
5557	480523.56	3851317.66	0.34256	0.48755	0.38169	5.10E-03	3.44E-05	9.93E-03	0.015063	5.21E-03	3.39E-05	1.10E-02	0.016289	4.95E-03	4.30E-05	2.12E-02	2.62E-02
5558	476921.56	3849569.11	0.11152	0.14777	0.12223	1.66E-03	1.04E-05	3.18E-03	0.00485	1.70E-03	1.03E-05	3.54E-03	0.005243	1.61E-03	1.30E-05	6.79E-03	8.42E-03
5559	476521.19	3849373.96	0.11165	0.15488	0.12364	1.66E-03	1.09E-05	3.22E-03	0.004889	1.70E-03	1.08E-05	3.58E-03	0.005287	1.61E-03	1.37E-05	6.87E-03	8.50E-03
5560	476391.45	3849333.38	0.11657	0.15986	0.12947	1.74E-03	1.13E-05	3.37E-03	0.005115	1.77E-03	1.11E-05	3.75E-03	0.005531	1.68E-03	1.41E-05	7.19E-03	8.89E-03
5561	476219.41	3849304.29	0.12234	0.16106	0.14232	1.82E-03	1.14E-05	3.70E-03	0.005535	1.86E-03	1.12E-05	4.12E-03	0.00599	1.77E-03	1.42E-05	7.91E-03	9.69E-03
5562	475679.11	3849218.47	0.1141	0.12712	0.1205	1.70E-03	8.98E-06	3.13E-03	0.004842	1.74E-03	8.84E-06	3.49E-03	0.005231	1.65E-03	1.12E-05	6.70E-03	8.36E-03
5563	475677.71	3849233.88	0.11495	0.12783	0.11844	1.71E-03	9.03E-06	3.08E-03	0.004801	1.75E-03	8.88E-06	3.43E-03	0.005184	1.66E-03	1.13E-05	6.58E-03	8.25E-03
5564	475492.74	3849204.66	0.10646	0.11587	0.10755	1.58E-03	8.18E-06	2.80E-03	0.004391	1.62E-03	8.05E-06	3.11E-03	0.004739	1.54E-03	1.02E-05	5.98E-03	7.52E-03
5565	475497.64	3849158.75	0.11039	0.12015	0.11289	1.64E-03	8.48E-06	2.94E-03	0.004589	1.68E-03	8.35E-06	3.27E-03	0.004954	1.60E-03	1.06E-05	6.27E-03	7.88E-03
5566	475391.35	3849141.94	0.10733	0.12632	0.10969	1.60E-03	8.92E-06	2.85E-03	0.00446	1.63E-03	8.78E-06	3.17E-03	0.004815	1.55E-03	1.11E-05	6.10E-03	7.66E-03
5567	475277	3849095.47	0.10492	0.11864	0.10845	1.56E-03	8.38E-06	2.82E-03	0.004392	1.60E-03	8.25E-06	3.14E-03	0.004742	1.52E-03	1.05E-05	6.03E-03	7.55E-03
5568	475183.93	3849025.66	0.10362	0.1168	0.1056	1.54E-03	8.25E-06	2.75E-03	0.004298	1.58E-03	8.12E-06	3.06E-03	0.00464	1.50E-03	1.03E-05	5.87E-03	7.38E-03
5569	474453.23	3848378.77	0.09661	0.10091	0.10081	1.44E-03	7.13E-06	2.62E-03	0.004068	1.47E-03	7.01E-06	2.92E-03	0.004394	1.40E-03	8.90E-06	5.60E-03	7.01E-03
5570	474569.63	3848399.34	0.09281	0.10655	0.10163	1.38E-03	7.52E-06	2.64E-03	0.004033	1.41E-03	7.41E-06	2.94E-03	0.00436	1.34E-03	9.40E-06	5.65E-03	7.00E-03
5571	474644.33	3848464.52	0.09528	0.10736	0.10389	1.42E-03	7.58E-06	2.70E-03	0.004129	1.45E-03	7.46E-06	3.01E-03	0.004463	1.38E-03	9.47E-06	5.77E-03	7.16E-03
5572	474719.04	3848529.7	0.09661	0.10738	0.10522	1.44E-03	7.58E-06	2.74E-03	0.004183	1.47E-03	7.46E-06	3.04E-03	0.004522	1.40E-03	9.47E-06	5.85E-03	7.25E-03
5573	474793.74	3848594.88	0.09747	0.10781	0.10607	1.45E-03	7.61E-06	2.76E-03	0.004218	1.48E-03	7.49E-06	3.07E-03	0.004559	1.41E-03	9.51E-06	5.89E-03	7.31E-03
5574	474868.45	3848660.07	0.099	0.10744	0.10681	1.47E-03	7.59E-06	2.78E-03	0.00426	1.51E-03	7.47E-06	3.09E-03	0.004604	1.43E-03	9.48E-06	5.94E-03	7.38E-03
5575	474943.15	3848725.25	0.10095	0.10732	0.10722	1.50E-03	7.58E-06	2.79E-03	0.0043	1.54E-03	7.46E-06	3.10E-03	0.004645	1.46E-03	9.47E-06	5.96E-03	7.43E-03
5576	475017.86	3848790.43	0.10325	0.10835	0.10768	1.54E-03	7.65E-06	2.80E-03	0.004346	1.57E-03	7.53E-06	3.12E-03	0.004694	1.49E-03	9.56E-06	5.98E-03	7.48E-03
5577	475092.56	3848855.61	0.10484	0.11183	0.10813	1.56E-03	7.90E-06	2.81E-03	0.004382	1.59E-03	7.77E-06	3.13E-03	0.004731	1.51E-03	9.87E-06	6.01E-03	7.53E-03
5578	475232.58	3848959.38	0.10686	0.11675	0.10997	1.59E-03	8.24E-06	2.86E-03	0.00446	1.63E-03	8.11E-06	3.18E-03	0.004816	1.54E-03	1.03E-05	6.11E-03	7.67E-03
5579	475368.47	3849029.98	0.10672	0.1159	0.11338	1.59E-03	8.18E-06	2.95E-03	0.004546	1.62E-03	8.06E-06	3.28E-03	0.004912	1.54E-03	1.02E-05	6.30E-03	7.85E-03
5580	475609.57	3849096.09	0.10895	0.13038	0.11241	1.62E-03	9.21E-06	2.92E-03	0.004555	1.66E-03	9.06E-06	3.25E-03	0.004919	1.57E-03	1.15E-05	6.25E-03	7.83E-03
5581	475680.68	3849116.62	0.11096	0.13542	0.11571	1.65E-03	9.56E-06	3.01E-03	0.004671	1.69E-03	9.41E-06	3.35E-03	0.005045	1.60E-03	1.19E-05	6.43E-03	8.04E-03
5582	475843.76	3849151.52	0.12477	0.13385	0.12861	1.86E-03	9.45E-06	3.35E-03	0.005213	1.90E-03	9.30E-06	3.72E-03	0.005629	1.80E-03	1.18E-05	7.15E-03	8.96E-03
5583	475935.73	3849165.89	0.12435	0.13857	0.13689	1.85E-03	9.78E-06	3.56E-03	0.005422	1.89E-03	9.63E-06	3.96E-03	0.005862	1.80E-03	1.22E-05	7.61E-03	9.42E-03
5584	476027.71	3849180.27	0.12033	0.1494	0.13774	1.79E-03	1.05E-05	3.58E-03	0.005385	1.83E-03	1.04E-05	3.99E-03	0.005826	1.74E-03	1.32E-05	7.65E-03	9.41E-03
5585	476119.68	3849194.64	0.11627	0.1532	0.12708	1.73E-03	1.08E-05	3.31E-03	0.005048	1.77E-03	1.06E-05	3.68E-03	0.005456	1.68E-03	1.35E-05	7.06E-03	8.75E-03
5586	476211.65	3849209.01	0.11391	0.14745	0.12564	1.70E-03	1.04E-05	3.27E-03	0.004975	1.73E-03	1.02E-05	3.64E-03	0.005378	1.65E-03	1.30E-05	6.98E-03	8.64E-03
5587	476497.8	3849283.9	0.10254	0.13887	0.11187	1.53E-03	9.81E-06	2.91E-03	0.004446	1.56E-03	9.65E-06	3.24E-03	0.004806	1.48E-03	1.23E-05	6.22E-03	7.71E-03
5588	476603.73	3849323.77	0.1007	0.13213	0.10916	1.50E-03	9.33E-06	2.84E-03	0.004348	1.53E-03	9.18E-06	3.16E-03	0.0047	1.46E-03	1.17E-05	6.07E-03	7.53E-03
5589	476728.99	3849382.76	0.10214	0.13151	0.10881	1.52E-03	9.29E-06	2.83E-03	0.00436	1.55E-03	9.14E-06	3.15E-03	0.004711	1.48E-03	1.16E-05	6.05E-03	7.53E-03

5590	476801.27	3849418.65	0.10589	0.13111	0.10946	1.58E-03	9.26E-06	2.85E-03	0.004433	1.61E-03	9.11E-06	3.17E-03	0.004787	1.53E-03	1.16E-05	6.08E-03	7.62E-03
5591	476956.2	3849495.05	0.11559	0.1307	0.11862	1.72E-03	9.23E-06	3.09E-03	0.004816	1.76E-03	9.08E-06	3.43E-03	0.0052	1.67E-03	1.15E-05	6.59E-03	8.27E-03
5592	477038.84	3849535.56	0.11754	0.12934	0.12511	1.75E-03	9.13E-06	3.25E-03	0.005014	1.79E-03	8.99E-06	3.62E-03	0.005417	1.70E-03	1.14E-05	6.95E-03	8.66E-03
5593	477121.48	3849576.08	0.11636	0.13401	0.12819	1.73E-03	9.46E-06	3.33E-03	0.005076	1.77E-03	9.31E-06	3.71E-03	0.005488	1.68E-03	1.18E-05	7.12E-03	8.82E-03
5594	477204.13	3849616.6	0.11744	0.13759	0.12881	1.75E-03	9.71E-06	3.35E-03	0.005109	1.79E-03	9.56E-06	3.73E-03	0.005523	1.70E-03	1.21E-05	7.16E-03	8.87E-03
5595	477286.78	3849657.12	0.11641	0.1405	0.12606	1.73E-03	9.92E-06	3.28E-03	0.005022	1.77E-03	9.77E-06	3.65E-03	0.005428	1.68E-03	1.24E-05	7.00E-03	8.70E-03
5596	477369.42	3849697.63	0.12037	0.15013	0.1301	1.79E-03	1.06E-05	3.38E-03	0.005187	1.83E-03	1.04E-05	3.76E-03	0.005606	1.74E-03	1.32E-05	7.23E-03	8.98E-03
5597	477452.07	3849738.15	0.12178	0.15188	0.12879	1.81E-03	1.07E-05	3.35E-03	0.005174	1.85E-03	1.06E-05	3.73E-03	0.00559	1.76E-03	1.34E-05	7.16E-03	8.93E-03
5598	477534.71	3849778.67	0.12408	0.15507	0.13118	1.85E-03	1.09E-05	3.41E-03	0.005271	1.89E-03	1.08E-05	3.80E-03	0.005694	1.79E-03	1.37E-05	7.29E-03	9.10E-03
5599	477617.35	3849819.18	0.12291	0.15367	0.13379	1.83E-03	1.09E-05	3.48E-03	0.005321	1.87E-03	1.07E-05	3.87E-03	0.005752	1.78E-03	1.36E-05	7.43E-03	9.22E-03
5600	477824.74	3849896.37	0.1185	0.15268	0.13203	1.76E-03	1.08E-05	3.43E-03	0.00521	1.80E-03	1.06E-05	3.82E-03	0.005633	1.71E-03	1.35E-05	7.34E-03	9.06E-03
5601	477906.31	3849936.37	0.11922	0.14872	0.12738	1.77E-03	1.05E-05	3.31E-03	0.005099	1.81E-03	1.03E-05	3.69E-03	0.00551	1.72E-03	1.31E-05	7.08E-03	8.81E-03
5602	477987.89	3849976.36	0.12704	0.15037	0.13365	1.89E-03	1.06E-05	3.48E-03	0.005379	1.93E-03	1.05E-05	3.87E-03	0.00581	1.84E-03	1.33E-05	7.43E-03	9.28E-03
5603	478069.47	3850016.36	0.12941	0.14895	0.13725	1.93E-03	1.05E-05	3.57E-03	0.005507	1.97E-03	1.04E-05	3.97E-03	0.00595	1.87E-03	1.31E-05	7.63E-03	9.51E-03
5604	478151.04	3850056.35	0.13701	0.15305	0.14128	2.04E-03	1.08E-05	3.68E-03	0.005726	2.08E-03	1.06E-05	4.09E-03	0.006183	1.98E-03	1.35E-05	7.85E-03	9.84E-03
5605	478232.62	3850096.35	0.14413	0.16434	0.15174	2.15E-03	1.16E-05	3.95E-03	0.006105	2.19E-03	1.14E-05	4.39E-03	0.006594	2.08E-03	1.45E-05	8.43E-03	1.05E-02
5606	478314.2	3850136.34	0.14479	0.17528	0.16095	2.16E-03	1.24E-05	4.19E-03	0.006355	2.20E-03	1.22E-05	4.66E-03	0.006872	2.09E-03	1.55E-05	8.94E-03	1.11E-02
5607	478395.77	3850176.34	0.15721	0.18539	0.16079	2.34E-03	1.31E-05	4.18E-03	0.006536	2.39E-03	1.29E-05	4.65E-03	0.007057	2.27E-03	1.64E-05	8.93E-03	1.12E-02
5608	478575.43	3850244.45	0.18677	0.2226	0.20907	2.78E-03	1.57E-05	5.44E-03	0.008235	2.84E-03	1.55E-05	6.05E-03	0.008906	2.70E-03	1.96E-05	1.16E-02	1.43E-02
5609	478665.06	3850287.29	0.20258	0.25057	0.22361	3.02E-03	1.77E-05	5.82E-03	0.00885	3.08E-03	1.74E-05	6.47E-03	0.009569	2.93E-03	2.21E-05	1.24E-02	1.54E-02
5610	478754.69	3850330.14	0.21479	0.2685	0.23433	3.20E-03	1.90E-05	6.10E-03	0.009312	3.27E-03	1.87E-05	6.78E-03	0.010066	3.10E-03	2.37E-05	1.30E-02	1.61E-02
5611	478844.32	3850372.99	0.23006	0.28691	0.25	3.42E-03	2.03E-05	6.50E-03	0.009949	3.50E-03	1.99E-05	7.23E-03	0.010753	3.32E-03	2.53E-05	1.39E-02	1.72E-02
5612	478933.95	3850415.84	0.2367	0.30986	0.2587	3.52E-03	2.19E-05	6.73E-03	0.010275	3.60E-03	2.15E-05	7.49E-03	0.011108	3.42E-03	2.73E-05	1.44E-02	1.78E-02
5613	479023.58	3850458.68	0.24261	0.31733	0.26644	3.61E-03	2.24E-05	6.93E-03	0.010565	3.69E-03	2.21E-05	7.71E-03	0.011422	3.51E-03	2.80E-05	1.48E-02	1.83E-02
5614	479110.66	3850441.9	0.24036	0.31573	0.26759	3.58E-03	2.23E-05	6.96E-03	0.010562	3.66E-03	2.19E-05	7.74E-03	0.011421	3.47E-03	2.79E-05	1.49E-02	1.84E-02
5615	479191.22	3850423.99	0.24911	0.33874	0.27981	3.71E-03	2.39E-05	7.28E-03	0.011011	3.79E-03	2.35E-05	8.10E-03	0.011909	3.60E-03	2.99E-05	1.55E-02	1.92E-02
5616	479274.32	3850465.71	0.2501	0.33253	0.28283	3.72E-03	2.35E-05	7.36E-03	0.011104	3.80E-03	2.31E-05	8.18E-03	0.012011	3.61E-03	2.93E-05	1.57E-02	1.94E-02
5617	479357.43	3850507.42	0.25513	0.33594	0.27627	3.80E-03	2.37E-05	7.19E-03	0.011009	3.88E-03	2.33E-05	7.99E-03	0.011898	3.69E-03	2.96E-05	1.54E-02	1.91E-02
5618	479440.53	3850549.14	0.27345	0.35569	0.29315	4.07E-03	2.51E-05	7.63E-03	0.011722	4.16E-03	2.47E-05	8.48E-03	0.012667	3.95E-03	3.14E-05	1.63E-02	2.03E-02
5619	479523.64	3850590.85	0.28023	0.36192	0.31092	4.17E-03	2.56E-05	8.09E-03	0.012286	4.26E-03	2.52E-05	9.00E-03	0.013284	4.05E-03	3.19E-05	1.73E-02	2.14E-02
5620	479606.74	3850632.57	0.28452	0.36185	0.31523	4.24E-03	2.55E-05	8.20E-03	0.012462	4.33E-03	2.51E-05	9.12E-03	0.013474	4.11E-03	3.19E-05	1.75E-02	2.17E-02
5621	479777.37	3850707.61	0.28801	0.37327	0.3162	4.29E-03	2.64E-05	8.23E-03	0.01254	4.38E-03	2.59E-05	9.15E-03	0.013556	4.16E-03	3.29E-05	1.76E-02	2.18E-02
5622	479864.9	3850740.95	0.28808	0.38915	0.31587	4.29E-03	2.75E-05	8.22E-03	0.012533	4.38E-03	2.70E-05	9.14E-03	0.013549	4.16E-03	3.43E-05	1.76E-02	2.17E-02
5623	479931.87	3850829.56	0.29359	0.39546	0.32344	4.37E-03	2.79E-05	8.41E-03	0.012813	4.47E-03	2.75E-05	9.36E-03	0.013852	4.24E-03	3.49E-05	1.80E-02	2.22E-02
5624	479995.55	3850926.75	0.30577	0.41282	0.3406	4.55E-03	2.91E-05	8.86E-03	0.013441	4.65E-03	2.87E-05	9.86E-03	0.014535	4.42E-03	3.64E-05	1.89E-02	2.34E-02
5625	480079.78	3850968.64	0.305	0.42259	0.34028	4.54E-03	2.98E-05	8.85E-03	0.013422	4.64E-03	2.94E-05	9.85E-03	0.014515	4.41E-03	3.73E-05	1.89E-02	2.34E-02
5626	480164.01	3851010.54	0.30978	0.435	0.339	4.61E-03	3.07E-05	8.82E-03	0.013461	4.71E-03	3.02E-05	9.81E-03	0.014551	4.48E-03	3.84E-05	1.88E-02	2.34E-02
5627	480248.23	3851052.43	0.31226	0.45233	0.34985	4.65E-03	3.19E-05	9.10E-03	0.013782	4.75E-03	3.14E-05	1.01E-02	0.014904	4.51E-03	3.99E-05	1.94E-02	2.40E-02
5628	480332.46	3851094.33	0.32762	0.45013	0.36407	4.88E-03	3.18E-05	9.47E-03	0.01438	4.98E-03	3.13E-05	1.05E-02	0.015549	4.73E-03	3.97E-05	2.02E-02	2.50E-02
5629	480416.69	3851136.22	0.33741	0.43516	0.37592	5.02E-03	3.07E-05	9.78E-03	0.014833	5.13E-03	3.02E-05	1.09E-02	0.01604	4.88E-03	3.84E-05	2.09E-02	2.58E-02
5630	480579.95	3851215.17	0.34371	0.42273	0.37594	5.12E-03	2.98E-05	9.78E-03	0.014926	5.23E-03	2.94E-05	1.09E-02	0.016135	4.97E-03	3.73E-05	2.09E-02	2.59E-02
5631	480658.98	3851252.22	0.33979	0.40802	0.37286	5.06E-03	2.88E-05	9.70E-03	0.014787	5.17E-03	2.84E-05	1.08E-02	0.015986	4.91E-03	3.60E-05	2.07E-02	2.57E-02
5632	480817.36	3851327.85	0.32894	0.41219	0.36589	4.90E-03	2.91E-05	9.52E-03	0.014444	5.00E-03	2.86E-05	1.06E-02	0.015619	4.75E-03	3.64E-05	2.03E-02	2.51E-02
5633	480896.72	3851366.42	0.3236	0.39565	0.36012	4.82E-03	2.79E-05	9.37E-03	0.014213	4.92E-03	2.75E-05	1.04E-02	0.01537	4.68E-03	3.49E-05	2.00E-02	2.47E-02
5634	480976.07	3851405	0.33002	0.41609	0.35324	4.91E-03	2.94E-05	9.19E-03	0.014132	5.02E-03	2.89E-05	1.02E-02	0.01527	4.77E-03	3.67E-05	1.96E-02	2.44E-02
5635	481178	3851487.31	0.33388	0.37828	0.36435	4.97E-03	2.67E-05	9.48E-03	0.014475	5.08E-03	2.63E-05	1.05E-02	0.015648	4.82E-03	3.34E-05	2.02E-02	2.51E-02
5636	481244.9	3851557.17	0.34062	0.39635	0.37005	5.07E-03	2.80E-05	9.63E-03	0.014725	5.18E-03	2.75E-05	1.07E-02	0.015916	4.92E-03	3.50E-05	2.06E-02	2.55E-02

5637	481311.81	3851627.03	0.34659	0.40894	0.37602	5.16E-03	2.89E-05	9.78E-03	0.01497	5.27E-03	2.84E-05	1.09E-02	0.016181	5.01E-03	3.61E-05	2.09E-02	2.59E-02
5638	481378.71	3851696.89	0.3519	0.42288	0.38595	5.24E-03	2.99E-05	1.00E-02	0.015309	5.35E-03	2.94E-05	1.12E-02	0.01655	5.09E-03	3.73E-05	2.14E-02	2.66E-02
5639	481445.61	3851766.76	0.35861	0.4356	0.39643	5.34E-03	3.08E-05	1.03E-02	0.015682	5.45E-03	3.03E-05	1.15E-02	0.016956	5.18E-03	3.84E-05	2.20E-02	2.72E-02
5640	481512.51	3851836.62	0.36492	0.42924	0.40217	5.43E-03	3.03E-05	1.05E-02	0.015925	5.55E-03	2.98E-05	1.16E-02	0.017218	5.27E-03	3.79E-05	2.23E-02	2.77E-02
5641	481579.42	3851906.48	0.37119	0.44918	0.40734	5.53E-03	3.17E-05	1.06E-02	0.016154	5.65E-03	3.12E-05	1.18E-02	0.017464	5.36E-03	3.96E-05	2.26E-02	2.80E-02
5642	481646.32	3851976.34	0.3772	0.46909	0.41217	5.61E-03	3.31E-05	1.07E-02	0.016371	5.74E-03	3.26E-05	1.19E-02	0.017696	5.45E-03	4.14E-05	2.29E-02	2.84E-02
5643	481713.22	3852046.2	0.38422	0.50234	0.41721	5.72E-03	3.55E-05	1.09E-02	0.016609	5.84E-03	3.49E-05	1.21E-02	0.017951	5.55E-03	4.43E-05	2.32E-02	2.88E-02
5644	481780.12	3852116.06	0.39173	0.53489	0.42655	5.83E-03	3.78E-05	1.11E-02	0.016966	5.96E-03	3.72E-05	1.23E-02	0.018338	5.66E-03	4.72E-05	2.37E-02	2.94E-02
5645	481847.03	3852185.92	0.39738	0.54877	0.44419	5.91E-03	3.87E-05	1.16E-02	0.01751	6.04E-03	3.81E-05	1.29E-02	0.018935	5.74E-03	4.84E-05	2.47E-02	3.05E-02
5646	481913.93	3852255.78	0.41241	0.56609	0.45445	6.14E-03	4.00E-05	1.18E-02	0.018002	6.27E-03	3.93E-05	1.32E-02	0.019462	5.96E-03	4.99E-05	2.53E-02	3.13E-02
5647	481980.83	3852325.65	0.43347	0.59306	0.46711	6.45E-03	4.19E-05	1.22E-02	0.018646	6.59E-03	4.12E-05	1.35E-02	0.020151	6.26E-03	5.23E-05	2.60E-02	3.23E-02
5648	482047.73	3852395.51	0.44348	0.61006	0.47659	6.60E-03	4.31E-05	1.24E-02	0.019043	6.74E-03	4.24E-05	1.38E-02	0.020578	6.41E-03	5.38E-05	2.65E-02	3.29E-02
5649	482114.64	3852465.37	0.44851	0.62643	0.48306	6.68E-03	4.42E-05	1.26E-02	0.019287	6.82E-03	4.35E-05	1.40E-02	0.020843	6.48E-03	5.53E-05	2.68E-02	3.34E-02
5650	482181.54	3852535.23	0.45729	0.64156	0.48979	6.81E-03	4.53E-05	1.27E-02	0.019594	6.95E-03	4.46E-05	1.42E-02	0.021173	6.61E-03	5.66E-05	2.72E-02	3.39E-02
5651	482338.69	3852700.04	0.47037	0.70242	0.50567	7.00E-03	4.96E-05	1.32E-02	0.020206	7.15E-03	4.88E-05	1.46E-02	0.021835	6.80E-03	6.20E-05	2.81E-02	3.50E-02
5652	482404.05	3852767.78	0.47793	0.74374	0.5083	7.11E-03	5.25E-05	1.32E-02	0.02039	7.27E-03	5.17E-05	1.47E-02	0.022029	6.91E-03	6.56E-05	2.82E-02	3.52E-02
5653	482469.4	3852835.52	0.48239	0.78729	0.52033	7.18E-03	5.56E-05	1.35E-02	0.020773	7.34E-03	5.47E-05	1.51E-02	0.022448	6.97E-03	6.95E-05	2.89E-02	3.60E-02
5654	482534.75	3852903.25	0.49565	0.82382	0.52981	7.38E-03	5.82E-05	1.38E-02	0.021219	7.54E-03	5.73E-05	1.53E-02	0.022927	7.16E-03	7.27E-05	2.94E-02	3.67E-02
5655	482600.11	3852970.98	0.50268	0.8673	0.53915	7.48E-03	6.12E-05	1.40E-02	0.02157	7.65E-03	6.03E-05	1.56E-02	0.023307	7.26E-03	7.65E-05	3.00E-02	3.73E-02
5656	482706.71	3853119.28	0.59518	0.94826	0.63333	8.86E-03	6.70E-05	1.65E-02	0.025403	9.05E-03	6.59E-05	1.83E-02	0.027445	8.60E-03	8.37E-05	3.52E-02	4.39E-02
5657	482747.96	3853199.84	0.6456	1.01824	0.67903	9.61E-03	7.19E-05	1.77E-02	0.027347	9.82E-03	7.08E-05	1.96E-02	0.029539	9.33E-03	8.98E-05	3.77E-02	4.72E-02
5658	482789.21	3853280.4	0.69824	1.08943	0.72041	1.04E-02	7.69E-05	1.87E-02	0.029212	1.06E-02	7.57E-05	2.08E-02	0.031542	1.01E-02	9.61E-05	4.00E-02	5.02E-02
5659	482830.46	3853360.96	0.76364	1.15417	0.75938	1.14E-02	8.15E-05	1.98E-02	0.031204	1.16E-02	8.02E-05	2.20E-02	0.033669	1.10E-02	1.02E-04	4.22E-02	5.33E-02
5660	482871.71	3853441.52	0.92262	1.2298	0.81334	1.37E-02	8.68E-05	2.12E-02	0.03498	1.40E-02	8.55E-05	2.35E-02	0.037653	1.33E-02	1.09E-04	4.52E-02	5.86E-02
5661	482912.95	3853522.07	1.39663	1.31096	0.89324	2.08E-02	9.26E-05	2.32E-02	0.04412	2.12E-02	9.11E-05	2.58E-02	0.04718	2.02E-02	1.16E-04	4.96E-02	6.99E-02
5662	482954.2	3853602.63	1.38479	1.40799	0.97374	2.06E-02	9.94E-05	2.53E-02	0.046044	2.11E-02	9.79E-05	2.82E-02	0.049336	2.00E-02	1.24E-04	5.41E-02	7.42E-02
5663	482995.45	3853683.19	1.38499	1.50222	1.08575	2.06E-02	1.06E-04	2.82E-02	0.048968	2.11E-02	1.04E-04	3.14E-02	0.052587	2.00E-02	1.33E-04	6.03E-02	8.05E-02
5664	483036.7	3853763.75	1.38424	1.62289	1.21405	2.06E-02	1.15E-04	3.16E-02	0.052303	2.11E-02	1.13E-04	3.51E-02	0.056297	2.00E-02	1.43E-04	6.75E-02	8.76E-02
5665	483214.2	3853909.91	1.19653	1.77944	1.33795	1.78E-02	1.26E-04	3.48E-02	0.052744	1.82E-02	1.24E-04	3.87E-02	0.057038	1.73E-02	1.57E-04	7.43E-02	9.18E-02
5666	483307.01	3853910.44	1.09047	1.76285	1.23946	1.62E-02	1.24E-04	3.22E-02	0.048602	1.66E-02	1.23E-04	3.59E-02	0.052574	1.58E-02	1.56E-04	6.89E-02	8.48E-02
5667	483399.83	3853910.96	0.9924	1.60901	1.11193	1.48E-02	1.14E-04	2.89E-02	0.043813	1.51E-02	1.12E-04	3.22E-02	0.047381	1.43E-02	1.42E-04	6.18E-02	7.63E-02
5668	483494.52	3854009.24	1.01544	1.69629	1.23694	1.51E-02	1.20E-04	3.22E-02	0.047414	1.54E-02	1.18E-04	3.58E-02	0.051355	1.47E-02	1.50E-04	6.87E-02	8.36E-02
5669	483496.41	3854106.98	1.15264	2.01244	1.51736	1.72E-02	1.42E-04	3.95E-02	0.056774	1.75E-02	1.40E-04	4.39E-02	0.061578	1.67E-02	1.78E-04	8.43E-02	1.01E-01
5670	483577.56	3854261.96	1.30267	2.07598	1.62808	1.94E-02	1.47E-04	4.24E-02	0.061893	1.98E-02	1.44E-04	4.71E-02	0.067069	1.88E-02	1.83E-04	9.05E-02	1.09E-01
5671	483656.83	3854319.19	1.27965	1.85549	1.48658	1.90E-02	1.31E-04	3.87E-02	0.057853	1.95E-02	1.29E-04	4.30E-02	0.062609	1.85E-02	1.64E-04	8.26E-02	1.01E-01
5672	483736.1	3854376.41	1.20883	1.69521	1.3417	1.80E-02	1.20E-04	3.49E-02	0.053018	1.84E-02	1.18E-04	3.88E-02	0.057328	1.75E-02	1.50E-04	7.46E-02	9.22E-02
5673	483815.36	3854433.64	1.10581	1.62363	1.2015	1.65E-02	1.15E-04	3.13E-02	0.047832	1.68E-02	1.13E-04	3.48E-02	0.051699	1.60E-02	1.43E-04	6.68E-02	8.29E-02
5674	483894.63	3854490.87	1.00415	1.66717	1.09867	1.49E-02	1.18E-04	2.86E-02	0.043647	1.53E-02	1.16E-04	3.18E-02	0.04718	1.45E-02	1.47E-04	6.10E-02	7.57E-02
5675	483973.9	3854548.1	0.96446	1.93666	1.00627	1.44E-02	1.37E-04	2.62E-02	0.040672	1.47E-02	1.35E-04	2.91E-02	0.043922	1.39E-02	1.71E-04	5.59E-02	7.00E-02
5676	484053.17	3854605.32	0.99053	2.34518	0.9816	1.47E-02	1.66E-04	2.55E-02	0.040447	1.51E-02	1.63E-04	2.84E-02	0.043633	1.43E-02	2.07E-04	5.45E-02	6.91E-02
5677	484214.97	3854698.15	1.04586	3.11032	0.94137	1.56E-02	2.20E-04	2.45E-02	0.040278	1.59E-02	2.16E-04	2.72E-02	0.043363	1.51E-02	2.74E-04	5.23E-02	6.77E-02
5678	484297.5	3854733.74	1.15328	3.46348	0.98416	1.72E-02	2.45E-04	2.56E-02	0.043015	1.75E-02	2.41E-04	2.85E-02	0.04626	1.67E-02	3.06E-04	5.47E-02	7.17E-02
5679	484380.03	3854769.34	1.18426	3.63549	0.971	1.76E-02	2.57E-04	2.53E-02	0.043146	1.80E-02	2.53E-04	2.81E-02	0.046362	1.71E-02	3.21E-04	5.40E-02	7.14E-02
5680	484462.56	3854804.94	1.28376	4.01342	1.05024	1.91E-02	2.83E-04	2.73E-02	0.046715	1.95E-02	2.79E-04	3.04E-02	0.050194	1.86E-02	3.54E-04	5.84E-02	7.73E-02
5681	484545.09	3854840.53	1.26281	4.02089	1.03082	1.88E-02	2.84E-04	2.68E-02	0.045898	1.92E-02	2.79E-04	2.98E-02	0.049314	1.82E-02	3.55E-04	5.73E-02	7.59E-02
5682	484691.88	3854912.58	1.43096	4.43578	1.13353	2.13E-02	3.13E-04	2.95E-02	0.051103	2.18E-02	3.08E-04	3.28E-02	0.054873	2.07E-02	3.91E-04	6.30E-02	8.41E-02
5683	484830.81	3855012.51	1.63908	4.575	1.25565	2.44E-02	3.23E-04	3.27E-02	0.057387	2.49E-02	3.18E-04	3.63E-02	0.061581	2.37E-02	4.04E-04	6.98E-02	9.39E-02

5684	484905.48	3855075.97	1.87768	4.89842	1.48533	2.79E-02	3.46E-04	3.86E-02	0.066937	2.86E-02	3.40E-04	4.30E-02	0.071879	2.71E-02	4.32E-04	8.25E-02	1.10E-01
5685	484980.14	3855139.44	2.03482	4.64232	1.62848	3.03E-02	3.28E-04	4.24E-02	0.072982	3.09E-02	3.23E-04	4.71E-02	0.078394	2.94E-02	4.10E-04	9.05E-02	1.20E-01
5686	485054.81	3855202.91	2.09577	4.36691	1.69855	3.12E-02	3.08E-04	4.42E-02	0.075693	3.19E-02	3.04E-04	4.92E-02	0.081329	3.03E-02	3.85E-04	9.44E-02	1.25E-01
5687	485129.48	3855266.37	2.02231	3.67486	1.64692	3.01E-02	2.59E-04	4.28E-02	0.073207	3.08E-02	2.55E-04	4.77E-02	0.07867	2.92E-02	3.24E-04	9.15E-02	1.21E-01
5688	485204.15	3855329.84	2.15495	3.59797	1.80549	3.21E-02	2.54E-04	4.70E-02	0.079301	3.28E-02	2.50E-04	5.22E-02	0.08527	3.11E-02	3.17E-04	1.00E-01	1.32E-01
5689	485278.82	3855393.31	2.18947	3.14843	1.85016	3.26E-02	2.22E-04	4.81E-02	0.080946	3.33E-02	2.19E-04	5.35E-02	0.087057	3.16E-02	2.78E-04	1.03E-01	1.35E-01
5690	485353.48	3855456.77	2.25786	3.00364	1.94747	3.36E-02	2.12E-04	5.07E-02	0.084485	3.43E-02	2.09E-04	5.64E-02	0.090903	3.26E-02	2.65E-04	1.08E-01	1.41E-01
5691	485428.15	3855520.24	2.2659	2.72201	1.97715	3.37E-02	1.92E-04	5.14E-02	0.085357	3.45E-02	1.89E-04	5.72E-02	0.091864	3.27E-02	2.40E-04	1.10E-01	1.43E-01
5692	485502.82	3855583.71	2.27267	2.59948	2.02031	3.38E-02	1.84E-04	5.26E-02	0.086572	3.46E-02	1.81E-04	5.85E-02	0.093208	3.28E-02	2.29E-04	1.12E-01	1.45E-01
5693	485577.49	3855647.17	2.34722	2.48314	2.1602	3.49E-02	1.75E-04	5.62E-02	0.091313	3.57E-02	1.73E-04	6.25E-02	0.098381	3.39E-02	2.19E-04	1.20E-01	1.54E-01
5694	485652.16	3855710.64	2.42262	2.37442	2.30134	3.61E-02	1.68E-04	5.99E-02	0.096099	3.68E-02	1.65E-04	6.66E-02	0.103605	3.50E-02	2.10E-04	1.28E-01	1.63E-01
5695	485726.83	3855774.1	2.41552	2.20629	2.34424	3.60E-02	1.56E-04	6.10E-02	0.097098	3.67E-02	1.53E-04	6.78E-02	0.104726	3.49E-02	1.95E-04	1.30E-01	1.65E-01
5696	485801.49	3855837.57	2.35976	2.11998	2.33246	3.51E-02	1.50E-04	6.07E-02	0.095955	3.59E-02	1.47E-04	6.75E-02	0.103532	3.41E-02	1.87E-04	1.30E-01	1.64E-01
5697	485876.16	3855901.04	2.354	1.97566	2.36729	3.50E-02	1.39E-04	6.16E-02	0.096765	3.58E-02	1.37E-04	6.85E-02	0.104442	3.40E-02	1.74E-04	1.32E-01	1.66E-01
5698	485950.83	3855964.5	2.32183	1.92144	2.36069	3.46E-02	1.36E-04	6.14E-02	0.096111	3.53E-02	1.34E-04	6.83E-02	0.103758	3.36E-02	1.70E-04	1.31E-01	1.65E-01
5699	486025.5	3856027.97	2.25668	1.80432	2.30238	3.36E-02	1.27E-04	5.99E-02	0.093616	3.43E-02	1.25E-04	6.66E-02	0.101071	3.26E-02	1.59E-04	1.28E-01	1.61E-01
5700	486100.17	3856091.44	2.37043	1.82965	2.48963	3.53E-02	1.29E-04	6.48E-02	0.100183	3.61E-02	1.27E-04	7.20E-02	0.108222	3.43E-02	1.61E-04	1.38E-01	1.73E-01
5701	486174.83	3856154.9	2.26992	1.73443	2.39773	3.38E-02	1.22E-04	6.24E-02	0.096289	3.45E-02	1.21E-04	6.94E-02	0.104027	3.28E-02	1.53E-04	1.33E-01	1.66E-01
5702	486249.5	3856218.37	2.05932	1.59504	2.18503	3.07E-02	1.13E-04	5.68E-02	0.087611	3.13E-02	1.11E-04	6.32E-02	0.09466	2.98E-02	1.41E-04	1.21E-01	1.51E-01
5703	486324.17	3856281.84	1.89799	1.4352	2.04103	2.83E-02	1.01E-04	5.31E-02	0.081452	2.89E-02	9.98E-05	5.91E-02	0.088028	2.74E-02	1.27E-04	1.13E-01	1.41E-01
5704	486398.84	3856345.3	1.93979	1.42977	2.11256	2.89E-02	1.01E-04	5.50E-02	0.083934	2.95E-02	9.94E-05	6.11E-02	0.090733	2.80E-02	1.26E-04	1.17E-01	1.46E-01
5705	486473.51	3856408.77	1.94537	1.36833	2.11925	2.90E-02	9.66E-05	5.51E-02	0.084187	2.96E-02	9.51E-05	6.13E-02	0.091007	2.81E-02	1.21E-04	1.18E-01	1.46E-01
5706	486548.17	3856472.24	2.02481	1.40625	2.19977	3.01E-02	9.93E-05	5.72E-02	0.087467	3.08E-02	9.77E-05	6.37E-02	0.094548	2.93E-02	1.24E-04	1.22E-01	1.52E-01
5707	486622.84	3856535.7	2.11212	1.4746	2.2937	3.14E-02	1.04E-04	5.97E-02	0.091215	3.21E-02	1.02E-04	6.64E-02	0.098599	3.05E-02	1.30E-04	1.27E-01	1.58E-01
5708	486765.48	3856659.69	2.3263	1.44314	2.5577	3.46E-02	1.02E-04	6.65E-02	0.101269	3.54E-02	1.00E-04	7.40E-02	0.109493	3.36E-02	1.27E-04	1.42E-01	1.76E-01
5709	486833.44	3856720.2	2.42456	1.45126	2.65562	3.61E-02	1.02E-04	6.91E-02	0.10528	3.69E-02	1.01E-04	7.68E-02	0.113822	3.50E-02	1.28E-04	1.48E-01	1.83E-01
5710	486901.41	3856780.72	2.54742	1.48517	2.78795	3.79E-02	1.05E-04	7.25E-02	0.110554	3.87E-02	1.03E-04	8.07E-02	0.119522	3.68E-02	1.31E-04	1.55E-01	1.92E-01
5711	486969.38	3856841.24	2.63776	1.71979	2.88814	3.93E-02	1.21E-04	7.51E-02	0.114521	4.01E-02	1.20E-04	8.36E-02	0.123812	3.81E-02	1.52E-04	1.60E-01	1.99E-01
5712	487037.34	3856901.75	2.71612	1.84856	2.97925	4.04E-02	1.31E-04	7.75E-02	0.118067	4.13E-02	1.28E-04	8.62E-02	0.127649	3.92E-02	1.63E-04	1.66E-01	2.05E-01
5713	487271.23	3856855.51	2.29446	1.73725	2.52782	3.42E-02	1.23E-04	6.58E-02	0.100039	3.49E-02	1.21E-04	7.31E-02	0.108165	3.32E-02	1.53E-04	1.40E-01	1.74E-01
5714	487368.96	3856857.29	2.20955	1.82321	2.4241	3.29E-02	1.29E-04	6.31E-02	0.096083	3.36E-02	1.27E-04	7.01E-02	0.103878	3.19E-02	1.61E-04	1.35E-01	1.67E-01
5715	487466.68	3856859.06	2.13824	1.83275	2.33877	3.18E-02	1.29E-04	6.08E-02	0.092802	3.25E-02	1.27E-04	6.77E-02	0.100325	3.09E-02	1.62E-04	1.30E-01	1.61E-01
5716	487636.44	3856930	2.08747	2.18852	2.31058	3.11E-02	1.55E-04	6.01E-02	0.091338	3.17E-02	1.52E-04	6.69E-02	0.098762	3.02E-02	1.93E-04	1.28E-01	1.59E-01
5717	487709.57	3856928.43	2.02324	2.20589	2.24624	3.01E-02	1.56E-04	5.84E-02	0.088709	3.08E-02	1.53E-04	6.50E-02	0.095924	2.92E-02	1.95E-04	1.25E-01	1.54E-01
5718	487782.54	3856841.96	1.87004	1.94422	2.06078	2.78E-02	1.37E-04	5.36E-02	0.081585	2.84E-02	1.35E-04	5.96E-02	0.08821	2.70E-02	1.72E-04	1.15E-01	1.42E-01
5719	487849.83	3856754.74	1.74037	1.67982	1.89332	2.59E-02	1.19E-04	4.93E-02	0.07528	2.65E-02	1.17E-04	5.48E-02	0.081373	2.51E-02	1.48E-04	1.05E-01	1.31E-01
5720	487918.03	3856819.39	1.76839	1.83966	1.9307	2.63E-02	1.30E-04	5.02E-02	0.076681	2.69E-02	1.28E-04	5.59E-02	0.082892	2.56E-02	1.62E-04	1.07E-01	1.33E-01
5721	487918.8	3856886.37	1.8415	2.10953	2.02086	2.74E-02	1.49E-04	5.26E-02	0.080134	2.80E-02	1.47E-04	5.85E-02	0.086632	2.66E-02	1.86E-04	1.12E-01	1.39E-01
5722	488065.47	3857127.5	1.9554	3.25503	2.19828	2.91E-02	2.30E-04	5.72E-02	0.086526	2.97E-02	2.26E-04	6.36E-02	0.093578	2.83E-02	2.87E-04	1.22E-01	1.51E-01
5723	488192.19	3857385.83	2.0777	3.7781	2.40057	3.09E-02	2.67E-04	6.25E-02	0.093646	3.16E-02	2.63E-04	6.95E-02	0.101328	3.00E-02	3.33E-04	1.33E-01	1.64E-01
5724	488191.22	3857473.87	2.16337	3.69634	2.51045	3.22E-02	2.61E-04	6.53E-02	0.097774	3.29E-02	2.57E-04	7.26E-02	0.105805	3.13E-02	3.26E-04	1.39E-01	1.71E-01
5725	488190.24	3857561.9	2.25868	3.50928	2.62379	3.36E-02	2.48E-04	6.83E-02	0.102128	3.44E-02	2.44E-04	7.59E-02	0.110521	3.26E-02	3.10E-04	1.46E-01	1.79E-01
5726	488158.35	3857691.13	2.47403	3.12553	2.88704	3.68E-02	2.21E-04	7.51E-02	0.112155	3.76E-02	2.17E-04	8.35E-02	0.121387	3.58E-02	2.76E-04	1.60E-01	1.96E-01
5727	488208.37	3857816.66	2.52053	2.6258	2.97818	3.75E-02	1.85E-04	7.75E-02	0.115183	3.83E-02	1.83E-04	8.62E-02	0.124697	3.64E-02	2.32E-04	1.65E-01	2.02E-01
5728	488271.97	3857874.6	2.44136	2.42216	2.90634	3.63E-02	1.71E-04	7.56E-02	0.112121	3.71E-02	1.68E-04	8.41E-02	0.1214	3.53E-02	2.14E-04	1.61E-01	1.97E-01
5729	488463.56	3857942.31	2.20184	1.95256	2.54689	3.28E-02	1.38E-04	6.63E-02	0.099171	3.35E-02	1.36E-04	7.37E-02	0.107323	3.18E-02	1.72E-04	1.42E-01	1.74E-01
5730	488554.83	3857940.83	2.08183	1.86512	2.3759	3.10E-02	1.32E-04	6.18E-02	0.09293	3.17E-02	1.30E-04	6.88E-02	0.100544	3.01E-02	1.65E-04	1.32E-01	1.62E-01

5731	488646.1	3857939.36	1.96653	1.81447	2.25337	2.93E-02	1.28E-04	5.86E-02	0.088023	2.99E-02	1.26E-04	6.52E-02	0.095241	2.84E-02	1.60E-04	1.25E-01	1.54E-01
5732	488737.37	3857937.88	1.86458	1.72793	2.13783	2.78E-02	1.22E-04	5.56E-02	0.083493	2.84E-02	1.20E-04	6.19E-02	0.090341	2.69E-02	1.52E-04	1.19E-01	1.46E-01
5733	488733.59	3857960.57	1.88346	1.70709	2.15412	2.80E-02	1.21E-04	5.60E-02	0.084197	2.86E-02	1.19E-04	6.23E-02	0.091098	2.72E-02	1.51E-04	1.20E-01	1.47E-01
5734	488638.09	3857961.57	1.9904	1.75287	2.27026	2.96E-02	1.24E-04	5.91E-02	0.088813	3.03E-02	1.22E-04	6.57E-02	0.096089	2.88E-02	1.55E-04	1.26E-01	1.55E-01
5735	488542.6	3857962.56	2.1095	1.8135	2.4114	3.14E-02	1.28E-04	6.27E-02	0.094262	3.21E-02	1.26E-04	6.98E-02	0.101988	3.05E-02	1.60E-04	1.34E-01	1.65E-01
5736	488447.1	3857963.56	2.23851	1.8862	2.60279	3.33E-02	1.33E-04	6.77E-02	0.101167	3.40E-02	1.31E-04	7.53E-02	0.109494	3.23E-02	1.66E-04	1.45E-01	1.77E-01
5737	488254.28	3857890.36	2.48409	2.36235	2.95951	3.70E-02	1.67E-04	7.70E-02	0.114136	3.78E-02	1.64E-04	8.56E-02	0.123584	3.59E-02	2.08E-04	1.64E-01	2.01E-01
5738	488191.69	3857833.06	2.55091	2.63346	3.04183	3.80E-02	1.86E-04	7.91E-02	0.117292	3.88E-02	1.83E-04	8.80E-02	0.127002	3.69E-02	2.32E-04	1.69E-01	2.06E-01
5739	488129.5	3857907.43	2.73843	2.50961	3.3048	4.08E-02	1.77E-04	8.60E-02	0.126915	4.16E-02	1.74E-04	9.56E-02	0.137455	3.96E-02	2.21E-04	1.84E-01	2.23E-01
5740	488196.47	3857968.73	2.67005	2.24097	3.20643	3.97E-02	1.58E-04	8.34E-02	0.12332	4.06E-02	1.56E-04	9.28E-02	0.133549	3.86E-02	1.98E-04	1.78E-01	2.17E-01
5741	488263.44	3858030.04	2.55934	2.01292	3.13136	3.81E-02	1.42E-04	8.15E-02	0.119702	3.89E-02	1.40E-04	9.06E-02	0.129678	3.70E-02	1.78E-04	1.74E-01	2.11E-01
5742	488400.64	3858132.9	2.40726	1.73713	2.87917	3.58E-02	1.23E-04	7.49E-02	0.110858	3.66E-02	1.21E-04	8.33E-02	0.120048	3.48E-02	1.53E-04	1.60E-01	1.95E-01
5743	488519.89	3858218.38	2.21953	1.48033	2.4722	3.30E-02	1.05E-04	6.43E-02	0.097458	3.38E-02	1.03E-04	7.15E-02	0.105398	3.21E-02	1.31E-04	1.37E-01	1.70E-01
5744	488647.97	3858214.99	1.99917	1.41077	2.21409	2.98E-02	9.96E-05	5.76E-02	0.087458	3.04E-02	9.81E-05	6.41E-02	0.094573	2.89E-02	1.24E-04	1.23E-01	1.52E-01
5745	488727.05	3858167.67	1.91297	1.37705	2.13231	2.85E-02	9.72E-05	5.55E-02	0.084045	2.91E-02	9.57E-05	6.17E-02	0.090893	2.76E-02	1.22E-04	1.18E-01	1.46E-01
5746	488806.12	3858120.35	1.83882	1.42907	2.06529	2.74E-02	1.01E-04	5.37E-02	0.081202	2.80E-02	9.93E-05	5.98E-02	0.087829	2.66E-02	1.26E-04	1.15E-01	1.41E-01
5747	488885.2	3858073.03	1.74756	1.38948	1.99879	2.60E-02	9.81E-05	5.20E-02	0.07811	2.66E-02	9.66E-05	5.78E-02	0.084514	2.53E-02	1.23E-04	1.11E-01	1.36E-01
5748	489055.76	3857991.17	1.58494	1.46026	1.81366	2.36E-02	1.03E-04	4.72E-02	0.070879	2.41E-02	1.01E-04	5.25E-02	0.076689	2.29E-02	1.29E-04	1.01E-01	1.24E-01
5749	489245.39	3857944.54	1.44172	1.39404	1.66808	2.15E-02	9.84E-05	4.34E-02	0.064955	2.19E-02	9.69E-05	4.83E-02	0.070293	2.08E-02	1.23E-04	9.27E-02	1.14E-01
5750	489430.63	3857930.91	1.34114	1.29708	1.54021	2.00E-02	9.16E-05	4.01E-02	0.060124	2.04E-02	9.02E-05	4.46E-02	0.065057	1.94E-02	1.14E-04	8.56E-02	1.05E-01
5751	489517.74	3857929.36	1.29688	1.25565	1.49005	1.93E-02	8.87E-05	3.88E-02	0.058157	1.97E-02	8.73E-05	4.31E-02	0.062929	1.87E-02	1.11E-04	8.28E-02	1.02E-01
5752	489604.85	3857927.82	1.2471	1.22069	1.43864	1.86E-02	8.62E-05	3.74E-02	0.056077	1.90E-02	8.48E-05	4.16E-02	0.060682	1.80E-02	1.08E-04	7.99E-02	9.81E-02
5753	489691.97	3857926.28	1.20506	1.19459	1.38673	1.79E-02	8.43E-05	3.61E-02	0.054098	1.83E-02	8.30E-05	4.01E-02	0.058539	1.74E-02	1.05E-04	7.71E-02	9.46E-02
5754	489779.08	3857924.73	1.16414	1.17383	1.33837	1.73E-02	8.29E-05	3.48E-02	0.05223	1.77E-02	8.16E-05	3.87E-02	0.056516	1.68E-02	1.04E-04	7.44E-02	9.13E-02
5755	490017.54	3857875.08	1.04874	1.09858	1.21107	1.56E-02	7.76E-05	3.15E-02	0.047195	1.59E-02	7.64E-05	3.50E-02	0.051072	1.52E-02	9.69E-05	6.73E-02	8.25E-02
5756	490033.82	3857960.81	1.04025	1.05577	1.20076	1.55E-02	7.45E-05	3.12E-02	0.046797	1.58E-02	7.34E-05	3.47E-02	0.050641	1.50E-02	9.32E-05	6.67E-02	8.18E-02
5757	489959.15	3857987.49	1.07543	1.05427	1.23251	1.60E-02	7.44E-05	3.21E-02	0.048147	1.64E-02	7.33E-05	3.57E-02	0.052095	1.55E-02	9.30E-05	6.85E-02	8.41E-02
5758	489791.49	3858016.12	1.14658	1.10782	1.31861	1.71E-02	7.82E-05	3.43E-02	0.05145	1.74E-02	7.70E-05	3.82E-02	0.055672	1.66E-02	9.77E-05	7.33E-02	8.99E-02
5759	489698.51	3858018.07	1.19031	1.1452	1.36818	1.77E-02	8.09E-05	3.56E-02	0.053393	1.81E-02	7.96E-05	3.96E-02	0.057774	1.72E-02	1.01E-04	7.60E-02	9.33E-02
5760	489605.52	3858020.02	1.23807	1.18315	1.42443	1.84E-02	8.35E-05	3.71E-02	0.05557	1.88E-02	8.22E-05	4.12E-02	0.060131	1.79E-02	1.04E-04	7.92E-02	9.71E-02
5761	489512.53	3858021.96	1.28474	1.21058	1.48016	1.91E-02	8.55E-05	3.85E-02	0.057716	1.95E-02	8.41E-05	4.28E-02	0.062455	1.86E-02	1.07E-04	8.22E-02	1.01E-01
5762	489419.55	3858023.91	1.33652	1.23119	1.53558	1.99E-02	8.69E-05	3.99E-02	0.05993	2.03E-02	8.56E-05	4.44E-02	0.064848	1.93E-02	1.09E-04	8.53E-02	1.05E-01
5763	489228.47	3858041.29	1.45832	1.32417	1.68305	2.17E-02	9.35E-05	4.38E-02	0.065586	2.22E-02	9.20E-05	4.87E-02	0.070974	2.11E-02	1.17E-04	9.35E-02	1.15E-01
5764	489065.75	3858085.78	1.58335	1.3275	1.81211	2.36E-02	9.37E-05	4.71E-02	0.070805	2.41E-02	9.23E-05	5.24E-02	0.076611	2.29E-02	1.17E-04	1.01E-01	1.24E-01
5765	489001.12	3858114.86	1.63225	1.29526	1.87231	2.43E-02	9.15E-05	4.87E-02	0.073097	2.48E-02	9.00E-05	5.42E-02	0.079094	2.36E-02	1.14E-04	1.04E-01	1.28E-01
5766	488861.89	3858189.81	1.75621	1.35274	1.97459	2.61E-02	9.55E-05	5.14E-02	0.077607	2.67E-02	9.40E-05	5.71E-02	0.083943	2.54E-02	1.19E-04	1.10E-01	1.35E-01
5767	488787.28	3858235.69	1.82848	1.27502	2.00567	2.72E-02	9.00E-05	5.22E-02	0.079486	2.78E-02	8.86E-05	5.80E-02	0.085936	2.64E-02	1.12E-04	1.11E-01	1.38E-01
5768	488712.68	3858281.57	1.91035	1.3002	2.11748	2.84E-02	9.18E-05	5.51E-02	0.083615	2.91E-02	9.04E-05	6.13E-02	0.090419	2.76E-02	1.15E-04	1.18E-01	1.45E-01
5769	488654.39	3858436.17	1.94773	1.21529	2.02213	2.90E-02	8.58E-05	5.26E-02	0.081685	2.96E-02	8.45E-05	5.85E-02	0.088222	2.81E-02	1.07E-04	1.12E-01	1.41E-01
5770	488726.3	3858505.26	1.86857	1.14569	1.79115	2.78E-02	8.09E-05	4.66E-02	0.074493	2.84E-02	7.96E-05	5.18E-02	0.080329	2.70E-02	1.01E-04	9.95E-02	1.27E-01
5771	488880.6	3858599.28	1.6985	1.05945	1.53604	2.53E-02	7.48E-05	4.00E-02	0.065318	2.58E-02	7.36E-05	4.44E-02	0.070355	2.45E-02	9.35E-05	8.54E-02	1.10E-01
5772	489008.06	3858714.75	1.62527	0.99129	1.38415	2.42E-02	7.00E-05	3.60E-02	0.060272	2.47E-02	6.89E-05	4.01E-02	0.064841	2.35E-02	8.75E-05	7.69E-02	1.00E-01
5773	489071.48	3858772.72	1.57354	0.95487	1.3062	2.34E-02	6.74E-05	3.40E-02	0.057471	2.39E-02	6.64E-05	3.78E-02	0.061796	2.27E-02	8.43E-05	7.26E-02	9.54E-02
5774	489244.59	3858920.19	1.26801	0.86399	1.14123	1.89E-02	6.10E-05	2.97E-02	0.048625	1.93E-02	6.00E-05	3.30E-02	0.052369	1.83E-02	7.62E-05	6.34E-02	8.18E-02
5775	489239.69	3858952.23	1.24385	0.83965	1.13083	1.85E-02	5.93E-05	2.94E-02	0.047993	1.89E-02	5.84E-05	3.27E-02	0.051699	1.80E-02	7.41E-05	6.28E-02	8.09E-02
5776	489121.67	3858854.49	1.51332	0.90325	1.22872	2.25E-02	6.38E-05	3.20E-02	0.054555	2.30E-02	6.28E-05	3.56E-02	0.058634	2.19E-02	7.97E-05	6.83E-02	9.02E-02
5777	489059.59	3858797.27	1.60991	0.94424	1.29097	2.40E-02	6.67E-05	3.36E-02	0.057616	2.45E-02	6.56E-05	3.74E-02	0.061908	2.33E-02	8.33E-05	7.17E-02	9.51E-02

5778	488997.52	3858740.04	1.66295	0.98641	1.37009	2.48E-02	6.96E-05	3.56E-02	0.060466	2.53E-02	6.86E-05	3.96E-02	0.065007	2.40E-02	8.70E-05	7.61E-02	1.00E-01
5779	488935.44	3858682.82	1.69638	1.02266	1.45074	2.53E-02	7.22E-05	3.77E-02	0.063065	2.58E-02	7.11E-05	4.20E-02	0.067851	2.45E-02	9.02E-05	8.06E-02	1.05E-01
5780	488869.17	3858848.43	2.55961	0.95261	1.36496	3.81E-02	6.73E-05	3.55E-02	0.073677	3.89E-02	6.62E-05	3.95E-02	0.078493	3.70E-02	8.41E-05	7.58E-02	1.13E-01
5781	488932.48	3858892.69	2.13567	0.92202	1.29476	3.18E-02	6.51E-05	3.37E-02	0.065538	3.25E-02	6.41E-05	3.75E-02	0.070012	3.09E-02	8.14E-05	7.19E-02	1.03E-01
5782	489063.27	3858977.17	1.44635	0.86874	1.18959	2.15E-02	6.13E-05	3.09E-02	0.052538	2.20E-02	6.04E-05	3.44E-02	0.056481	2.09E-02	7.67E-05	6.61E-02	8.71E-02
5783	489248.2	3859117.15	1.09614	0.79504	1.0576	1.63E-02	5.61E-05	2.75E-02	0.043886	1.67E-02	5.53E-05	3.06E-02	0.04733	1.58E-02	7.01E-05	5.88E-02	7.47E-02
5784	489296.25	3859049.22	1.12142	0.78287	1.08722	1.67E-02	5.53E-05	2.83E-02	0.045032	1.71E-02	5.44E-05	3.15E-02	0.048571	1.62E-02	6.91E-05	6.04E-02	7.67E-02
5785	489353.38	3858993.96	1.13073	0.81677	1.07498	1.68E-02	5.77E-05	2.80E-02	0.044855	1.72E-02	5.68E-05	3.11E-02	0.048361	1.63E-02	7.21E-05	5.97E-02	7.61E-02
5786	489537.24	3859120.22	0.95734	0.74884	0.97446	1.42E-02	5.29E-05	2.54E-02	0.039654	1.46E-02	5.20E-05	2.82E-02	0.04281	1.38E-02	6.61E-05	5.41E-02	6.80E-02
5787	489726.98	3859246.04	0.86411	0.68801	0.88621	1.29E-02	4.86E-05	2.31E-02	0.035966	1.31E-02	4.78E-05	2.56E-02	0.038834	1.25E-02	6.07E-05	4.92E-02	6.18E-02
5788	489911.46	3859366.33	0.77767	0.64068	0.82607	1.16E-02	4.52E-05	2.15E-02	0.033112	1.18E-02	4.45E-05	2.39E-02	0.035776	1.12E-02	5.65E-05	4.59E-02	5.72E-02
5789	490035.3	3859430.26	0.71971	0.61285	0.78354	1.07E-02	4.33E-05	2.04E-02	0.031141	1.09E-02	4.26E-05	2.27E-02	0.033662	1.04E-02	5.41E-05	4.35E-02	5.40E-02
5790	490101.11	3859458.61	0.69926	0.6025	0.76887	1.04E-02	4.25E-05	2.00E-02	0.030454	1.06E-02	4.19E-05	2.22E-02	0.032926	1.01E-02	5.32E-05	4.27E-02	5.29E-02
5791	490312.68	3859560.3	0.63972	0.56286	0.71491	9.52E-03	3.97E-05	1.86E-02	0.028161	9.73E-03	3.91E-05	2.07E-02	0.030456	9.24E-03	4.97E-05	3.97E-02	4.90E-02
5792	490401.63	3859603.12	0.62018	0.55121	0.69231	9.23E-03	3.89E-05	1.80E-02	0.027281	9.43E-03	3.83E-05	2.00E-02	0.029504	8.96E-03	4.86E-05	3.85E-02	4.75E-02
5793	490490.57	3859645.94	0.60182	0.54199	0.6712	8.96E-03	3.83E-05	1.75E-02	0.026458	9.15E-03	3.77E-05	1.94E-02	0.028613	8.70E-03	4.78E-05	3.73E-02	4.60E-02
5794	490579.51	3859688.76	0.58282	0.53171	0.65352	8.68E-03	3.75E-05	1.70E-02	0.025715	8.86E-03	3.70E-05	1.89E-02	0.027812	8.42E-03	4.69E-05	3.63E-02	4.48E-02
5795	490668.45	3859731.58	0.56517	0.52011	0.63794	8.41E-03	3.67E-05	1.66E-02	0.025046	8.60E-03	3.61E-05	1.85E-02	0.027092	8.17E-03	4.59E-05	3.54E-02	4.37E-02
5796	490757.4	3859774.4	0.54758	0.50282	0.62136	8.15E-03	3.55E-05	1.62E-02	0.024351	8.33E-03	3.49E-05	1.80E-02	0.026343	7.91E-03	4.44E-05	3.45E-02	4.25E-02
5797	491003.53	3859861.82	0.51349	0.46834	0.58646	7.64E-03	3.31E-05	1.53E-02	0.022934	7.81E-03	3.26E-05	1.70E-02	0.024813	7.42E-03	4.13E-05	3.26E-02	4.00E-02
5798	491081.41	3859879.05	0.49894	0.4577	0.57219	7.43E-03	3.23E-05	1.49E-02	0.022345	7.59E-03	3.18E-05	1.66E-02	0.024178	7.21E-03	4.04E-05	3.18E-02	3.90E-02
5799	491229.76	3859917.82	0.47735	0.44891	0.54406	7.11E-03	3.17E-05	1.42E-02	0.021291	7.26E-03	3.12E-05	1.57E-02	0.023035	6.90E-03	3.96E-05	3.02E-02	3.72E-02
5800	491300.22	3859939.35	0.47072	0.44345	0.53311	7.01E-03	3.13E-05	1.39E-02	0.020907	7.16E-03	3.08E-05	1.54E-02	0.022617	6.80E-03	3.91E-05	2.96E-02	3.65E-02
5801	491350.48	3860012.03	0.45154	0.41783	0.52308	6.72E-03	2.95E-05	1.36E-02	0.020359	6.87E-03	2.90E-05	1.51E-02	0.022033	6.52E-03	3.69E-05	2.91E-02	3.56E-02
5802	491406.82	3860092.56	0.43423	0.40673	0.51493	6.46E-03	2.87E-05	1.34E-02	0.019889	6.60E-03	2.83E-05	1.49E-02	0.021533	6.27E-03	3.59E-05	2.86E-02	3.49E-02
5803	491483.36	3860121.96	0.42625	0.40051	0.50728	6.34E-03	2.83E-05	1.32E-02	0.01957	6.48E-03	2.78E-05	1.47E-02	0.02119	6.16E-03	3.53E-05	2.82E-02	3.44E-02
5804	491559.91	3860151.35	0.41777	0.39269	0.49753	6.22E-03	2.77E-05	1.29E-02	0.01919	6.35E-03	2.73E-05	1.44E-02	0.020778	6.04E-03	3.46E-05	2.76E-02	3.37E-02
5805	491711.81	3860237.76	0.41656	0.38686	0.49472	6.20E-03	2.73E-05	1.29E-02	0.019098	6.34E-03	2.69E-05	1.43E-02	0.020678	6.02E-03	3.41E-05	2.75E-02	3.35E-02
5806	491755.2	3860319.07	0.39504	0.36736	0.45985	5.88E-03	2.59E-05	1.20E-02	0.017869	6.01E-03	2.55E-05	1.33E-02	0.01934	5.71E-03	3.24E-05	2.56E-02	3.13E-02
5807	491704.71	3860366.54	0.39258	0.3697	0.44116	5.84E-03	2.61E-05	1.15E-02	0.017347	5.97E-03	2.57E-05	1.28E-02	0.018762	5.67E-03	3.26E-05	2.45E-02	3.02E-02
5808	491623.42	3860462.39	0.37526	0.36532	0.43673	5.59E-03	2.58E-05	1.14E-02	0.016973	5.71E-03	2.54E-05	1.26E-02	0.01837	5.42E-03	3.22E-05	2.43E-02	2.97E-02
5809	491534.02	3860439.85	0.39271	0.38598	0.45884	5.85E-03	2.73E-05	1.19E-02	0.01781	5.97E-03	2.68E-05	1.33E-02	0.019277	5.67E-03	3.41E-05	2.55E-02	3.12E-02
5810	491313.95	3860268.17	0.40935	0.39455	0.47307	6.09E-03	2.79E-05	1.23E-02	0.018428	6.23E-03	2.74E-05	1.37E-02	0.019943	5.92E-03	3.48E-05	2.63E-02	3.22E-02
5811	491187.12	3860143.56	0.43739	0.41195	0.49517	6.51E-03	2.91E-05	1.29E-02	0.019422	6.65E-03	2.86E-05	1.43E-02	0.02101	6.32E-03	3.63E-05	2.75E-02	3.39E-02
5812	491070.43	3860075.97	0.45636	0.42811	0.51928	6.79E-03	3.02E-05	1.35E-02	0.020333	6.94E-03	2.98E-05	1.50E-02	0.021997	6.59E-03	3.78E-05	2.89E-02	3.55E-02
5813	490995.09	3860039.38	0.46739	0.44046	0.53301	6.96E-03	3.11E-05	1.39E-02	0.020855	7.11E-03	3.06E-05	1.54E-02	0.022563	6.75E-03	3.89E-05	2.96E-02	3.64E-02
5814	490919.75	3860002.8	0.4792	0.45402	0.54708	7.13E-03	3.21E-05	1.42E-02	0.021398	7.29E-03	3.16E-05	1.58E-02	0.023151	6.92E-03	4.01E-05	3.04E-02	3.74E-02
5815	490756.81	3859894.53	0.51554	0.48233	0.58875	7.67E-03	3.41E-05	1.53E-02	0.023025	7.84E-03	3.35E-05	1.70E-02	0.024911	7.45E-03	4.26E-05	3.27E-02	4.02E-02
5816	490668.07	3859860.92	0.52335	0.49368	0.60187	7.79E-03	3.49E-05	1.57E-02	0.023483	7.96E-03	3.43E-05	1.74E-02	0.02541	7.56E-03	4.36E-05	3.34E-02	4.10E-02
5817	490579.34	3859827.3	0.53857	0.50047	0.62169	8.02E-03	3.53E-05	1.62E-02	0.024226	8.19E-03	3.48E-05	1.80E-02	0.026216	7.78E-03	4.42E-05	3.45E-02	4.24E-02
5818	490490.6	3859793.68	0.55472	0.5012	0.6429	8.26E-03	3.54E-05	1.67E-02	0.025018	8.44E-03	3.48E-05	1.86E-02	0.027075	8.02E-03	4.42E-05	3.57E-02	4.38E-02
5819	490401.86	3859760.07	0.57153	0.50191	0.65726	8.51E-03	3.54E-05	1.71E-02	0.025642	8.69E-03	3.49E-05	1.90E-02	0.027747	8.26E-03	4.43E-05	3.65E-02	4.48E-02
5820	490313.12	3859726.45	0.5843	0.51508	0.6708	8.70E-03	3.64E-05	1.75E-02	0.026185	8.89E-03	3.58E-05	1.94E-02	0.028333	8.44E-03	4.54E-05	3.73E-02	4.58E-02
5821	490224.39	3859692.83	0.60577	0.53758	0.68718	9.02E-03	3.80E-05	1.79E-02	0.026932	9.21E-03	3.74E-05	1.99E-02	0.029136	8.75E-03	4.74E-05	3.82E-02	4.70E-02
5822	490135.65	3859659.22	0.63864	0.55236	0.70082	9.51E-03	3.90E-05	1.82E-02	0.027777	9.71E-03	3.84E-05	2.03E-02	0.030031	9.23E-03	4.87E-05	3.89E-02	4.82E-02
5823	489918.18	3859559.23	0.71691	0.58955	0.75572	1.07E-02	4.16E-05	1.97E-02	0.030373	1.09E-02	4.10E-05	2.19E-02	0.032813	1.04E-02	5.20E-05	4.20E-02	5.24E-02
5824	489743.61	3859486	0.76947	0.6104	0.79049	1.15E-02	4.31E-05	2.06E-02	0.032062	1.17E-02	4.24E-05	2.29E-02	0.03462	1.11E-02	5.39E-05	4.39E-02	5.51E-02

5825	489660.32	3859440.27	0.8046	0.6224	0.81897	1.20E-02	4.39E-05	2.13E-02	0.033326	1.22E-02	4.33E-05	2.37E-02	0.035979	1.16E-02	5.49E-05	4.55E-02	5.72E-02
5826	489577.04	3859394.53	0.84438	0.63425	0.84967	1.26E-02	4.48E-05	2.21E-02	0.034718	1.28E-02	4.41E-05	2.46E-02	0.037473	1.22E-02	5.60E-05	4.72E-02	5.95E-02
5827	489493.75	3859348.8	0.88529	0.65755	0.88481	1.32E-02	4.64E-05	2.30E-02	0.036243	1.35E-02	4.57E-05	2.56E-02	0.039114	1.28E-02	5.80E-05	4.92E-02	6.20E-02
5828	489321.28	3859240.02	0.9997	0.71142	0.97304	1.49E-02	5.02E-05	2.53E-02	0.040245	1.52E-02	4.94E-05	2.82E-02	0.043411	1.44E-02	6.28E-05	5.41E-02	6.86E-02
5829	489235.41	3859193.96	1.06389	0.73617	1.01819	1.58E-02	5.20E-05	2.65E-02	0.042377	1.62E-02	5.12E-05	2.95E-02	0.045695	1.54E-02	6.50E-05	5.66E-02	7.20E-02
5830	489149.54	3859147.89	1.13101	0.75579	1.04923	1.68E-02	5.34E-05	2.73E-02	0.044185	1.72E-02	5.25E-05	3.04E-02	0.047616	1.63E-02	6.67E-05	5.83E-02	7.47E-02
5831	489063.68	3859101.82	1.22213	0.79931	1.08355	1.82E-02	5.64E-05	2.82E-02	0.046437	1.86E-02	5.56E-05	3.14E-02	0.049998	1.77E-02	7.05E-05	6.02E-02	7.79E-02
5832	488977.81	3859055.75	1.33222	0.82324	1.12448	1.98E-02	5.81E-05	2.93E-02	0.049142	2.03E-02	5.72E-05	3.25E-02	0.052858	1.93E-02	7.26E-05	6.25E-02	8.18E-02
5833	488891.94	3859009.69	1.48218	0.85396	1.15934	2.21E-02	6.03E-05	3.02E-02	0.052284	2.25E-02	5.94E-05	3.35E-02	0.05615	2.14E-02	7.53E-05	6.44E-02	8.59E-02
5834	488808	3859060.73	1.29485	0.85237	1.17868	1.93E-02	6.02E-05	3.07E-02	0.049998	1.97E-02	5.92E-05	3.41E-02	0.05386	1.87E-02	7.52E-05	6.55E-02	8.43E-02
5835	488809.93	3859157.85	1.06158	0.81257	1.06428	1.58E-02	5.74E-05	2.77E-02	0.043547	1.61E-02	5.65E-05	3.08E-02	0.046999	1.53E-02	7.17E-05	5.91E-02	7.45E-02
5836	488811.85	3859254.96	0.96197	0.7975	0.99952	1.43E-02	5.63E-05	2.60E-02	0.040378	1.46E-02	5.54E-05	2.89E-02	0.043609	1.39E-02	7.04E-05	5.55E-02	6.95E-02
5837	488813.78	3859352.07	0.90213	0.79229	0.9558	1.34E-02	5.59E-05	2.49E-02	0.03835	1.37E-02	5.51E-05	2.77E-02	0.041434	1.30E-02	6.99E-05	5.31E-02	6.62E-02
5838	488815.71	3859449.19	0.83626	0.75257	0.9105	1.24E-02	5.31E-05	2.37E-02	0.036188	1.27E-02	5.23E-05	2.63E-02	0.039118	1.21E-02	6.64E-05	5.06E-02	6.27E-02
5839	488910.04	3859547.1	0.78499	0.71646	0.85744	1.17E-02	5.06E-05	2.23E-02	0.034042	1.19E-02	4.98E-05	2.48E-02	0.036801	1.13E-02	6.32E-05	4.76E-02	5.91E-02
5840	489002.45	3859547.91	0.7807	0.71092	0.85507	1.16E-02	5.02E-05	2.22E-02	0.033916	1.19E-02	4.94E-05	2.47E-02	0.036666	1.13E-02	6.27E-05	4.75E-02	5.89E-02
5841	489094.85	3859548.71	0.7639	0.69237	0.82294	1.14E-02	4.89E-05	2.14E-02	0.032829	1.16E-02	4.81E-05	2.38E-02	0.03548	1.10E-02	6.11E-05	4.57E-02	5.68E-02
5842	489230.05	3859601.87	0.73819	0.6582	0.78499	1.10E-02	4.65E-05	2.04E-02	0.031456	1.12E-02	4.57E-05	2.27E-02	0.033988	1.07E-02	5.81E-05	4.36E-02	5.43E-02
5843	489227.52	3859680.89	0.69625	0.65127	0.76765	1.04E-02	4.60E-05	2.00E-02	0.030381	1.06E-02	4.53E-05	2.22E-02	0.032848	1.01E-02	5.75E-05	4.27E-02	5.28E-02
5844	489133.47	3859760.29	0.69094	0.64611	0.76109	1.03E-02	4.56E-05	1.98E-02	0.030131	1.05E-02	4.49E-05	2.20E-02	0.032577	9.98E-03	5.70E-05	4.23E-02	5.23E-02
5845	489041.96	3859760.67	0.68793	0.62729	0.76152	1.02E-02	4.43E-05	1.98E-02	0.030096	1.05E-02	4.36E-05	2.20E-02	0.032543	9.94E-03	5.53E-05	4.23E-02	5.23E-02
5846	488950.45	3859761.05	0.67012	0.59492	0.73934	9.97E-03	4.20E-05	1.92E-02	0.029251	1.02E-02	4.13E-05	2.14E-02	0.031628	9.68E-03	5.25E-05	4.11E-02	5.08E-02
5847	488858.94	3859761.43	0.6445	0.59498	0.70139	9.59E-03	4.20E-05	1.82E-02	0.027883	9.80E-03	4.14E-05	2.03E-02	0.03014	9.31E-03	5.25E-05	3.90E-02	4.83E-02
5848	488767.43	3859761.82	0.63396	0.58173	0.69948	9.44E-03	4.11E-05	1.82E-02	0.027675	9.64E-03	4.04E-05	2.02E-02	0.029923	9.16E-03	5.13E-05	3.89E-02	4.81E-02
5849	488675.92	3859762.2	0.61636	0.55709	0.6813	9.17E-03	3.93E-05	1.77E-02	0.026938	9.37E-03	3.87E-05	1.97E-02	0.029128	8.91E-03	4.92E-05	3.79E-02	4.68E-02
5850	488584.41	3859762.58	0.61821	0.55611	0.66623	9.20E-03	3.93E-05	1.73E-02	0.026574	9.40E-03	3.87E-05	1.93E-02	0.02872	8.93E-03	4.91E-05	3.70E-02	4.60E-02
5851	488492.9	3859762.96	0.59918	0.55134	0.64687	8.92E-03	3.89E-05	1.68E-02	0.025787	9.11E-03	3.83E-05	1.87E-02	0.02787	8.66E-03	4.86E-05	3.59E-02	4.47E-02
5852	488402.76	3859830.95	0.59762	0.52947	0.64399	8.90E-03	3.74E-05	1.68E-02	0.025687	9.09E-03	3.68E-05	1.86E-02	0.027761	8.64E-03	4.67E-05	3.58E-02	4.45E-02
5853	488404.14	3859898.55	0.55987	0.50752	0.61356	8.33E-03	3.58E-05	1.60E-02	0.024332	8.51E-03	3.53E-05	1.78E-02	0.026305	8.09E-03	4.48E-05	3.41E-02	4.22E-02
5854	488505.18	3859964.96	0.56105	0.5005	0.60794	8.35E-03	3.53E-05	1.58E-02	0.024203	8.53E-03	3.48E-05	1.76E-02	0.02616	8.11E-03	4.42E-05	3.38E-02	4.19E-02
5855	488604.84	3859963.76	0.541	0.49818	0.59112	8.05E-03	3.52E-05	1.54E-02	0.023466	8.23E-03	3.46E-05	1.71E-02	0.025368	7.82E-03	4.40E-05	3.28E-02	4.07E-02
5856	488704.51	3859962.56	0.54052	0.51255	0.6054	8.05E-03	3.62E-05	1.58E-02	0.023832	8.22E-03	3.56E-05	1.75E-02	0.025775	7.81E-03	4.52E-05	3.36E-02	4.15E-02
5857	488804.18	3859961.37	0.55397	0.50537	0.60626	8.25E-03	3.57E-05	1.58E-02	0.024054	8.43E-03	3.51E-05	1.75E-02	0.026004	8.00E-03	4.46E-05	3.37E-02	4.17E-02
5858	488903.85	3859960.17	0.56602	0.53083	0.64197	8.43E-03	3.75E-05	1.67E-02	0.025164	8.61E-03	3.69E-05	1.86E-02	0.027222	8.18E-03	4.68E-05	3.57E-02	4.39E-02
5859	489003.52	3859958.97	0.58027	0.54919	0.64899	8.64E-03	3.88E-05	1.69E-02	0.02556	8.83E-03	3.82E-05	1.88E-02	0.027643	8.39E-03	4.85E-05	3.61E-02	4.45E-02
5860	489103.18	3859957.77	0.59724	0.54078	0.66834	8.89E-03	3.82E-05	1.74E-02	0.026315	9.08E-03	3.76E-05	1.93E-02	0.028461	8.63E-03	4.77E-05	3.71E-02	4.58E-02
5861	489201.48	3860046.59	0.57332	0.52593	0.64044	8.53E-03	3.71E-05	1.67E-02	0.025233	8.72E-03	3.66E-05	1.85E-02	0.027289	8.28E-03	4.64E-05	3.56E-02	4.39E-02
5862	489200.11	3860136.61	0.53397	0.50618	0.61264	7.95E-03	3.57E-05	1.59E-02	0.023922	8.12E-03	3.52E-05	1.77E-02	0.025884	7.72E-03	4.47E-05	3.40E-02	4.18E-02
5863	489198.74	3860226.63	0.50909	0.49337	0.57942	7.58E-03	3.48E-05	1.51E-02	0.022687	7.74E-03	3.43E-05	1.68E-02	0.024544	7.36E-03	4.35E-05	3.22E-02	3.96E-02
5864	489197.38	3860316.65	0.48189	0.45808	0.54108	7.17E-03	3.23E-05	1.41E-02	0.021282	7.33E-03	3.18E-05	1.57E-02	0.023018	6.96E-03	4.04E-05	3.01E-02	3.71E-02
5865	489196.01	3860406.68	0.44738	0.42415	0.5178	6.66E-03	2.99E-05	1.35E-02	0.02016	6.80E-03	2.95E-05	1.50E-02	0.021817	6.46E-03	3.74E-05	2.88E-02	3.53E-02
5866	489194.64	3860496.7	0.42675	0.40736	0.49815	6.35E-03	2.88E-05	1.30E-02	0.019341	6.49E-03	2.83E-05	1.44E-02	0.020934	6.17E-03	3.59E-05	2.77E-02	3.39E-02
5867	489193.27	3860586.72	0.41024	0.4014	0.46724	6.11E-03	2.83E-05	1.22E-02	0.01829	6.24E-03	2.79E-05	1.35E-02	0.019788	5.93E-03	3.54E-05	2.60E-02	3.19E-02
5868	489092.02	3860678.13	0.40601	0.37876	0.46274	6.04E-03	2.67E-05	1.20E-02	0.018109	6.17E-03	2.63E-05	1.34E-02	0.019592	5.87E-03	3.34E-05	2.57E-02	3.16E-02
5869	488992.13	3860679.52	0.39864	0.37501	0.45312	5.93E-03	2.65E-05	1.18E-02	0.017748	6.06E-03	2.61E-05	1.31E-02	0.019201	5.76E-03	3.31E-05	2.52E-02	3.10E-02
5870	488892.24	3860680.92	0.39229	0.37658	0.44476	5.84E-03	2.66E-05	1.16E-02	0.017437	5.97E-03	2.62E-05	1.29E-02	0.018863	5.67E-03	3.32E-05	2.47E-02	3.04E-02
5871	488792.36	3860682.31	0.3849	0.36651	0.44225	5.73E-03	2.59E-05	1.15E-02	0.017261	5.85E-03	2.55E-05	1.28E-02	0.018677	5.56E-03	3.23E-05	2.46E-02	3.02E-02

5872	488692.47	3860683.7	0.37625	0.36843	0.43861	5.60E-03	2.60E-05	1.14E-02	0.017037	5.72E-03	2.56E-05	1.27E-02	0.01844	5.44E-03	3.25E-05	2.44E-02	2.98E-02
5873	488592.59	3860685.1	0.37348	0.36704	0.43003	5.56E-03	2.59E-05	1.12E-02	0.016773	5.68E-03	2.55E-05	1.24E-02	0.01815	5.40E-03	3.24E-05	2.39E-02	2.93E-02
5874	488492.71	3860686.49	0.36875	0.36436	0.41701	5.49E-03	2.57E-05	1.08E-02	0.016363	5.61E-03	2.53E-05	1.21E-02	0.017701	5.33E-03	3.21E-05	2.32E-02	2.85E-02
5875	488299.07	3860762.18	0.36098	0.35373	0.39373	5.37E-03	2.50E-05	1.02E-02	0.015641	5.49E-03	2.46E-05	1.14E-02	0.016908	5.22E-03	3.12E-05	2.19E-02	2.71E-02
5876	488205.32	3860764.09	0.35201	0.3434	0.39065	5.24E-03	2.42E-05	1.02E-02	0.015427	5.35E-03	2.39E-05	1.13E-02	0.016682	5.09E-03	3.03E-05	2.17E-02	2.68E-02
5877	488111.56	3860766	0.34335	0.35176	0.38425	5.11E-03	2.48E-05	1.00E-02	0.015132	5.22E-03	2.44E-05	1.11E-02	0.016366	4.96E-03	3.10E-05	2.14E-02	2.63E-02
5878	488017.81	3860767.91	0.33397	0.35431	0.3795	4.97E-03	2.50E-05	9.87E-03	0.014869	5.08E-03	2.46E-05	1.10E-02	0.016086	4.83E-03	3.13E-05	2.11E-02	2.59E-02
5879	487924.06	3860769.81	0.32832	0.3618	0.37846	4.89E-03	2.55E-05	9.85E-03	0.014758	4.99E-03	2.51E-05	1.10E-02	0.01597	4.74E-03	3.19E-05	2.10E-02	2.58E-02
5880	487830.31	3860771.72	0.32272	0.36885	0.38025	4.80E-03	2.60E-05	9.89E-03	0.014722	4.91E-03	2.56E-05	1.10E-02	0.015937	4.66E-03	3.25E-05	2.11E-02	2.58E-02
5881	487736.55	3860773.63	0.31968	0.37162	0.37415	4.76E-03	2.62E-05	9.73E-03	0.014518	4.86E-03	2.58E-05	1.08E-02	0.015715	4.62E-03	3.28E-05	2.08E-02	2.54E-02
5882	487642.8	3860775.54	0.31433	0.35911	0.36688	4.68E-03	2.54E-05	9.54E-03	0.014249	4.78E-03	2.50E-05	1.06E-02	0.015422	4.54E-03	3.17E-05	2.04E-02	2.50E-02
5883	487549.48	3860684.71	0.32607	0.38256	0.38046	4.85E-03	2.70E-05	9.90E-03	0.014779	4.96E-03	2.66E-05	1.10E-02	0.015995	4.71E-03	3.38E-05	2.11E-02	2.59E-02
5884	487549.91	3860591.97	0.34073	0.37686	0.39346	5.07E-03	2.66E-05	1.02E-02	0.015335	5.18E-03	2.62E-05	1.14E-02	0.016594	4.92E-03	3.33E-05	2.19E-02	2.68E-02
5885	487550.34	3860499.23	0.35504	0.39356	0.40959	5.28E-03	2.78E-05	1.07E-02	0.015968	5.40E-03	2.74E-05	1.19E-02	0.01728	5.13E-03	3.47E-05	2.28E-02	2.79E-02
5886	487550.76	3860406.49	0.37357	0.41575	0.42792	5.56E-03	2.94E-05	1.11E-02	0.016723	5.68E-03	2.89E-05	1.24E-02	0.018093	5.40E-03	3.67E-05	2.38E-02	2.92E-02
5887	487551.19	3860313.75	0.39305	0.43204	0.44275	5.85E-03	3.05E-05	1.15E-02	0.0174	5.98E-03	3.00E-05	1.28E-02	0.01882	5.68E-03	3.81E-05	2.46E-02	3.03E-02
5888	487551.62	3860221.01	0.41077	0.45298	0.45921	6.11E-03	3.20E-05	1.19E-02	0.018093	6.25E-03	3.15E-05	1.33E-02	0.019567	5.94E-03	4.00E-05	2.55E-02	3.15E-02
5889	487552.05	3860128.27	0.43308	0.47547	0.48148	6.45E-03	3.36E-05	1.25E-02	0.019006	6.59E-03	3.30E-05	1.39E-02	0.020552	6.26E-03	4.20E-05	2.68E-02	3.31E-02
5890	487552.48	3860035.53	0.45579	0.46883	0.50358	6.78E-03	3.31E-05	1.31E-02	0.019919	6.93E-03	3.26E-05	1.46E-02	0.021537	6.59E-03	4.14E-05	2.80E-02	3.46E-02
5891	487552.91	3859942.79	0.47772	0.48765	0.52026	7.11E-03	3.44E-05	1.35E-02	0.02068	7.27E-03	3.39E-05	1.51E-02	0.022354	6.90E-03	4.30E-05	2.89E-02	3.59E-02
5892	487553.33	3859850.05	0.50748	0.51198	0.54432	7.55E-03	3.61E-05	1.42E-02	0.021751	7.72E-03	3.56E-05	1.58E-02	0.023505	7.33E-03	4.52E-05	3.02E-02	3.76E-02
5893	487553.76	3859757.31	0.53896	0.53725	0.57107	8.02E-03	3.79E-05	1.49E-02	0.022917	8.20E-03	3.73E-05	1.65E-02	0.024759	7.79E-03	4.74E-05	3.17E-02	3.96E-02
5894	487554.19	3859664.57	0.56303	0.54008	0.60574	8.38E-03	3.81E-05	1.58E-02	0.024178	8.56E-03	3.75E-05	1.75E-02	0.026129	8.14E-03	4.77E-05	3.37E-02	4.18E-02
5895	487460.2	3859571.05	0.59128	0.56424	0.62678	8.80E-03	3.98E-05	1.63E-02	0.025147	8.99E-03	3.92E-05	1.81E-02	0.027169	8.54E-03	4.98E-05	3.48E-02	4.34E-02
5896	487365.78	3859570.27	0.58362	0.58607	0.61864	8.69E-03	4.14E-05	1.61E-02	0.024823	8.88E-03	4.07E-05	1.79E-02	0.026819	8.43E-03	5.17E-05	3.44E-02	4.29E-02
5897	487271.36	3859569.48	0.5795	0.60182	0.61551	8.63E-03	4.25E-05	1.60E-02	0.024681	8.81E-03	4.18E-05	1.78E-02	0.026667	8.37E-03	5.31E-05	3.42E-02	4.26E-02
5898	487176.94	3859568.7	0.56996	0.5968	0.60721	8.48E-03	4.21E-05	1.58E-02	0.024323	8.67E-03	4.15E-05	1.76E-02	0.026281	8.24E-03	5.27E-05	3.37E-02	4.20E-02
5899	487082.51	3859567.92	0.57031	0.60781	0.59845	8.49E-03	4.29E-05	1.56E-02	0.024101	8.67E-03	4.22E-05	1.73E-02	0.026034	8.24E-03	5.36E-05	3.33E-02	4.15E-02
5900	486988.09	3859567.14	0.56731	0.60356	0.59173	8.44E-03	4.26E-05	1.54E-02	0.023881	8.63E-03	4.19E-05	1.71E-02	0.025793	8.20E-03	5.33E-05	3.29E-02	4.11E-02
5901	486893.67	3859566.36	0.55243	0.60614	0.57496	8.22E-03	4.28E-05	1.50E-02	0.023224	8.40E-03	4.21E-05	1.66E-02	0.025082	7.98E-03	5.35E-05	3.19E-02	4.00E-02
5902	486799.25	3859565.58	0.53736	0.59593	0.56801	8.00E-03	4.21E-05	1.48E-02	0.022818	8.17E-03	4.14E-05	1.64E-02	0.024651	7.76E-03	5.26E-05	3.16E-02	3.94E-02
5903	486704.83	3859564.79	0.5367	0.59629	0.55817	7.99E-03	4.21E-05	1.45E-02	0.022552	8.16E-03	4.14E-05	1.62E-02	0.024356	7.76E-03	5.26E-05	3.10E-02	3.88E-02
5904	486610.41	3859564.01	0.53826	0.62649	0.54561	8.01E-03	4.42E-05	1.42E-02	0.022251	8.19E-03	4.35E-05	1.58E-02	0.024018	7.78E-03	5.53E-05	3.03E-02	3.82E-02
5905	486515.99	3859563.23	0.53712	0.65558	0.5318	7.99E-03	4.63E-05	1.38E-02	0.021876	8.17E-03	4.56E-05	1.54E-02	0.023603	7.76E-03	5.78E-05	2.96E-02	3.74E-02
5906	486421.57	3859562.45	0.53271	0.66938	0.52766	7.93E-03	4.73E-05	1.37E-02	0.021704	8.10E-03	4.65E-05	1.53E-02	0.023417	7.70E-03	5.91E-05	2.93E-02	3.71E-02
5907	486327.14	3859561.67	0.52462	0.6503	0.52547	7.81E-03	4.59E-05	1.37E-02	0.021525	7.98E-03	4.52E-05	1.52E-02	0.02323	7.58E-03	5.74E-05	2.92E-02	3.68E-02
5908	486232.72	3859560.89	0.51851	0.62	0.51997	7.72E-03	4.38E-05	1.35E-02	0.021289	7.89E-03	4.31E-05	1.50E-02	0.022976	7.49E-03	5.47E-05	2.89E-02	3.64E-02
5909	486138.3	3859560.1	0.51469	0.62529	0.5167	7.66E-03	4.42E-05	1.34E-02	0.021148	7.83E-03	4.35E-05	1.50E-02	0.022823	7.44E-03	5.52E-05	2.87E-02	3.62E-02
5910	486043.88	3859559.32	0.50965	0.59539	0.51597	7.59E-03	4.20E-05	1.34E-02	0.021051	7.75E-03	4.14E-05	1.49E-02	0.022723	7.36E-03	5.25E-05	2.87E-02	3.61E-02
5911	485949.35	3859463.54	0.5292	0.62228	0.54613	7.88E-03	4.39E-05	1.42E-02	0.022129	8.05E-03	4.33E-05	1.58E-02	0.023895	7.65E-03	5.49E-05	3.03E-02	3.80E-02
5912	485949.24	3859368.55	0.55952	0.63032	0.57482	8.33E-03	4.45E-05	1.50E-02	0.023327	8.51E-03	4.38E-05	1.66E-02	0.025187	8.09E-03	5.56E-05	3.19E-02	4.01E-02
5913	485949.12	3859273.55	0.59145	0.66313	0.61533	8.80E-03	4.68E-05	1.60E-02	0.024859	9.00E-03	4.61E-05	1.78E-02	0.026847	8.55E-03	5.85E-05	3.42E-02	4.28E-02
5914	485949.01	3859178.56	0.62441	0.7153	0.64286	9.29E-03	5.05E-05	1.67E-02	0.026069	9.50E-03	4.97E-05	1.86E-02	0.028149	9.02E-03	6.31E-05	3.57E-02	4.48E-02
5915	485948.9	3859083.56	0.66867	0.79671	0.68395	9.95E-03	5.63E-05	1.78E-02	0.027803	1.02E-02	5.54E-05	1.98E-02	0.030017	9.66E-03	7.03E-05	3.80E-02	4.77E-02
5916	485948.79	3858988.56	0.7146	0.85482	0.72936	1.06E-02	6.04E-05	1.90E-02	0.029672	1.09E-02	5.94E-05	2.11E-02	0.032033	1.03E-02	7.54E-05	4.05E-02	5.09E-02
5917	485948.67	3858893.57	0.76067	0.93712	0.77458	1.13E-02	6.62E-05	2.02E-02	0.03154	1.16E-02	6.51E-05	2.24E-02	0.034048	1.10E-02	8.27E-05	4.30E-02	5.41E-02
5918	485948.56	3858798.57	0.82105	0.99146	0.82122	1.22E-02	7.00E-05	2.14E-02	0.033656	1.25E-02	6.89E-05	2.38E-02	0.03632	1.19E-02	8.75E-05	4.56E-02	5.76E-02

5919	485948.45	3858703.58	0.87762	1.05371	0.86324	1.31E-02	7.44E-05	2.25E-02	0.035596	1.33E-02	7.32E-05	2.50E-02	0.038401	1.27E-02	9.30E-05	4.80E-02	6.07E-02
5920	485948.34	3858608.58	0.94257	1.13051	0.92597	1.40E-02	7.98E-05	2.41E-02	0.0382	1.43E-02	7.86E-05	2.68E-02	0.041209	1.36E-02	9.97E-05	5.15E-02	6.52E-02
5921	485948.22	3858513.59	1.01947	1.24068	1.00405	1.52E-02	8.76E-05	2.61E-02	0.041383	1.55E-02	8.62E-05	2.91E-02	0.044646	1.47E-02	1.09E-04	5.58E-02	7.06E-02
5922	485948.11	3858418.59	1.09726	1.29593	1.07086	1.63E-02	9.15E-05	2.79E-02	0.044283	1.67E-02	9.01E-05	3.10E-02	0.047766	1.59E-02	1.14E-04	5.95E-02	7.55E-02
5923	485948	3858323.59	1.1996	1.31976	1.168	1.79E-02	9.32E-05	3.04E-02	0.048336	1.82E-02	9.17E-05	3.38E-02	0.052135	1.73E-02	1.16E-04	6.49E-02	8.24E-02
5924	485947.89	3858228.6	1.311	1.43463	1.27239	1.95E-02	1.01E-04	3.31E-02	0.052718	1.99E-02	9.97E-05	3.68E-02	0.056858	1.89E-02	1.27E-04	7.07E-02	8.98E-02
5925	485947.77	3858133.6	1.43657	1.66104	1.37831	2.14E-02	1.17E-04	3.59E-02	0.057358	2.18E-02	1.15E-04	3.99E-02	0.061849	2.08E-02	1.47E-04	7.66E-02	9.75E-02
5926	485947.66	3858038.61	1.5857	1.93882	1.53719	2.36E-02	1.37E-04	4.00E-02	0.063731	2.41E-02	1.35E-04	4.45E-02	0.068733	2.29E-02	1.71E-04	8.54E-02	1.09E-01
5927	485854.54	3857943.35	1.63095	1.88462	1.59918	2.43E-02	1.33E-04	4.16E-02	0.066014	2.48E-02	1.31E-04	4.63E-02	0.071212	2.36E-02	1.66E-04	8.89E-02	1.13E-01
5928	485761.52	3857943.09	1.54996	1.77803	1.5072	2.31E-02	1.26E-04	3.92E-02	0.062408	2.36E-02	1.24E-04	4.36E-02	0.067311	2.24E-02	1.57E-04	8.37E-02	1.06E-01
5929	485668.51	3857942.83	1.49355	1.66718	1.44309	2.22E-02	1.18E-04	3.75E-02	0.059892	2.27E-02	1.16E-04	4.18E-02	0.06459	2.16E-02	1.47E-04	8.02E-02	1.02E-01
5930	485575.5	3857942.56	1.43707	1.60145	1.37758	2.14E-02	1.13E-04	3.58E-02	0.057343	2.19E-02	1.11E-04	3.99E-02	0.061831	2.08E-02	1.41E-04	7.65E-02	9.75E-02
5931	485482.48	3857942.3	1.39507	1.51527	1.34011	2.08E-02	1.07E-04	3.49E-02	0.055736	2.12E-02	1.05E-04	3.88E-02	0.060102	2.02E-02	1.34E-04	7.45E-02	9.48E-02
5932	485389.47	3857942.04	1.35067	1.38921	1.2993	2.01E-02	9.81E-05	3.38E-02	0.054005	2.05E-02	9.66E-05	3.76E-02	0.058237	1.95E-02	1.23E-04	7.22E-02	9.18E-02
5933	485296.46	3857941.78	1.30164	1.29592	1.25919	1.94E-02	9.15E-05	3.28E-02	0.052225	1.98E-02	9.01E-05	3.64E-02	0.056324	1.88E-02	1.14E-04	7.00E-02	8.89E-02
5934	485203.45	3857941.52	1.26543	1.231	1.23126	1.88E-02	8.69E-05	3.20E-02	0.050955	1.92E-02	8.56E-05	3.56E-02	0.054961	1.83E-02	1.09E-04	6.84E-02	8.68E-02
5935	485110.43	3857941.26	1.22697	1.19708	1.19604	1.83E-02	8.45E-05	3.11E-02	0.049464	1.87E-02	8.32E-05	3.46E-02	0.053354	1.77E-02	1.06E-04	6.65E-02	8.43E-02
5936	485017.42	3857940.99	1.18643	1.15524	1.15716	1.77E-02	8.16E-05	3.01E-02	0.047846	1.80E-02	8.03E-05	3.35E-02	0.05161	1.71E-02	1.02E-04	6.43E-02	8.15E-02
5937	484924.41	3857940.73	1.1477	1.07215	1.11366	1.71E-02	7.57E-05	2.90E-02	0.046132	1.75E-02	7.45E-05	3.22E-02	0.049756	1.66E-02	9.46E-05	6.19E-02	7.86E-02
5938	484831.39	3857940.47	1.10884	1.02413	1.08317	1.65E-02	7.23E-05	2.82E-02	0.044757	1.69E-02	7.12E-05	3.13E-02	0.048279	1.60E-02	9.04E-05	6.02E-02	7.63E-02
5939	484738.12	3857859.3	1.12726	0.9951	1.10168	1.68E-02	7.03E-05	2.87E-02	0.04551	1.71E-02	6.92E-05	3.19E-02	0.049093	1.63E-02	8.78E-05	6.12E-02	7.76E-02
5940	484737.85	3857778.4	1.17822	1.03535	1.1467	1.75E-02	7.31E-05	2.98E-02	0.047443	1.79E-02	7.20E-05	3.32E-02	0.051174	1.70E-02	9.14E-05	6.37E-02	8.08E-02
5941	484737.59	3857697.49	1.23743	1.05956	1.19645	1.84E-02	7.48E-05	3.11E-02	0.04962	1.88E-02	7.36E-05	3.46E-02	0.053515	1.79E-02	9.35E-05	6.65E-02	8.45E-02
5942	484737.32	3857616.59	1.29443	1.10798	1.24085	1.93E-02	7.82E-05	3.23E-02	0.051627	1.97E-02	7.70E-05	3.59E-02	0.055671	1.87E-02	9.78E-05	6.89E-02	8.78E-02
5943	484645.53	3857535.18	1.31948	1.13478	1.26167	1.96E-02	8.01E-05	3.28E-02	0.052544	2.01E-02	7.89E-05	3.65E-02	0.056656	1.91E-02	1.00E-04	7.01E-02	8.93E-02
5944	484553.99	3857534.67	1.27775	1.13213	1.22663	1.90E-02	7.99E-05	3.19E-02	0.051011	1.94E-02	7.87E-05	3.55E-02	0.055007	1.85E-02	9.99E-05	6.82E-02	8.67E-02
5945	484462.46	3857534.17	1.24327	1.09199	1.19921	1.85E-02	7.71E-05	3.12E-02	0.049781	1.89E-02	7.59E-05	3.47E-02	0.053686	1.80E-02	9.63E-05	6.66E-02	8.47E-02
5946	484370.93	3857533.66	1.20727	1.08375	1.1709	1.80E-02	7.65E-05	3.05E-02	0.048508	1.84E-02	7.53E-05	3.39E-02	0.052319	1.74E-02	9.56E-05	6.51E-02	8.26E-02
5947	484279.4	3857533.16	1.16726	1.02473	1.14364	1.74E-02	7.24E-05	2.98E-02	0.0472	1.78E-02	7.12E-05	3.31E-02	0.050918	1.69E-02	9.04E-05	6.35E-02	8.05E-02
5948	484187.86	3857532.65	1.11837	0.94979	1.11666	1.66E-02	6.71E-05	2.91E-02	0.045765	1.70E-02	6.60E-05	3.23E-02	0.049388	1.62E-02	8.38E-05	6.20E-02	7.83E-02
5949	484096.33	3857532.15	1.08003	0.96226	1.09466	1.61E-02	6.79E-05	2.85E-02	0.044623	1.64E-02	6.69E-05	3.17E-02	0.048169	1.56E-02	8.49E-05	6.08E-02	7.65E-02
5950	484004.8	3857531.64	1.04695	0.9803	1.05939	1.56E-02	6.92E-05	2.76E-02	0.043214	1.59E-02	6.81E-05	3.07E-02	0.046647	1.51E-02	8.65E-05	5.89E-02	7.41E-02
5951	483913.27	3857531.14	1.0118	0.93223	1.0116	1.51E-02	6.58E-05	2.63E-02	0.041444	1.54E-02	6.48E-05	2.93E-02	0.044726	1.46E-02	8.23E-05	5.62E-02	7.09E-02
5952	483821.73	3857530.63	0.97667	0.91561	0.97883	1.45E-02	6.46E-05	2.55E-02	0.040067	1.49E-02	6.36E-05	2.83E-02	0.043242	1.41E-02	8.08E-05	5.44E-02	6.86E-02
5953	483729.61	3857450.11	0.99192	0.95003	0.97476	1.48E-02	6.71E-05	2.54E-02	0.040191	1.51E-02	6.60E-05	2.82E-02	0.043359	1.43E-02	8.38E-05	5.42E-02	6.86E-02
5954	483729.03	3857370.08	1.03359	0.98028	1.02147	1.54E-02	6.92E-05	2.66E-02	0.042028	1.57E-02	6.81E-05	2.96E-02	0.045346	1.49E-02	8.65E-05	5.68E-02	7.18E-02
5955	483728.44	3857290.06	1.07949	1.01033	1.07167	1.61E-02	7.13E-05	2.79E-02	0.04402	1.64E-02	7.02E-05	3.10E-02	0.047499	1.56E-02	8.91E-05	5.95E-02	7.52E-02
5956	483727.86	3857210.03	1.12203	1.03335	1.10294	1.67E-02	7.30E-05	2.87E-02	0.045468	1.71E-02	7.18E-05	3.19E-02	0.049053	1.62E-02	9.12E-05	6.13E-02	7.76E-02
5957	483641.15	3857129.07	1.13365	1.08236	1.11733	1.69E-02	7.64E-05	2.91E-02	0.046019	1.72E-02	7.52E-05	3.23E-02	0.049649	1.64E-02	9.55E-05	6.21E-02	7.86E-02
5958	483555.03	3857128.14	1.10026	1.08695	1.09358	1.64E-02	7.67E-05	2.85E-02	0.044904	1.67E-02	7.55E-05	3.16E-02	0.048454	1.59E-02	9.59E-05	6.08E-02	7.68E-02
5959	483468.91	3857127.2	1.06323	1.11372	1.0646	1.58E-02	7.86E-05	2.77E-02	0.043601	1.62E-02	7.74E-05	3.08E-02	0.047055	1.54E-02	9.83E-05	5.92E-02	7.46E-02
5960	483382.78	3857126.26	1.04001	1.14523	1.0493	1.55E-02	8.09E-05	2.73E-02	0.04286	1.58E-02	7.96E-05	3.04E-02	0.046261	1.50E-02	1.01E-04	5.83E-02	7.34E-02
5961	483296.66	3857125.32	1.01434	1.11456	1.02653	1.51E-02	7.87E-05	2.67E-02	0.041883	1.54E-02	7.75E-05	2.97E-02	0.045209	1.47E-02	9.83E-05	5.70E-02	7.18E-02
5962	483210.54	3857124.39	0.98695	1.12396	0.99984	1.47E-02	7.94E-05	2.60E-02	0.040782	1.50E-02	7.81E-05	2.89E-02	0.044021	1.43E-02	9.92E-05	5.56E-02	6.99E-02
5963	483123.4	3857030.96	0.99682	1.18346	1.00794	1.48E-02	8.36E-05	2.62E-02	0.041143	1.52E-02	8.23E-05	2.92E-02	0.04441	1.44E-02	1.04E-04	5.60E-02	7.05E-02
5964	483122.38	3856938.46	1.03838	1.21694	1.04424	1.55E-02	8.59E-05	2.72E-02	0.042709	1.58E-02	8.46E-05	3.02E-02	0.046095	1.50E-02	1.07E-04	5.80E-02	7.31E-02
5965	483121.35	3856845.97	1.07492	1.25731	1.08202	1.60E-02	8.88E-05	2.81E-02	0.044238	1.63E-02	8.74E-05	3.13E-02	0.047746	1.55E-02	1.11E-04	6.01E-02	7.58E-02

5966	483120.33	3856753.47	1.10173	1.32574	1.10492	1.64E-02	9.36E-05	2.87E-02	0.045238	1.68E-02	9.21E-05	3.20E-02	0.048822	1.59E-02	1.17E-04	6.14E-02	7.74E-02
5967	483119.31	3856660.98	1.13146	1.4081	1.14268	1.68E-02	9.94E-05	2.97E-02	0.046669	1.72E-02	9.79E-05	3.31E-02	0.050372	1.63E-02	1.24E-04	6.35E-02	8.00E-02
5968	483118.29	3856568.49	1.17223	1.49833	1.19081	1.74E-02	1.06E-04	3.10E-02	0.048534	1.78E-02	1.04E-04	3.45E-02	0.052391	1.69E-02	1.32E-04	6.62E-02	8.32E-02
5969	483117.26	3856475.99	1.21931	1.6435	1.24136	1.81E-02	1.16E-04	3.23E-02	0.05056	1.85E-02	1.14E-04	3.59E-02	0.05458	1.76E-02	1.45E-04	6.90E-02	8.67E-02
5970	483116.24	3856383.5	1.26441	1.71507	1.28993	1.88E-02	1.21E-04	3.36E-02	0.0525	1.92E-02	1.19E-04	3.73E-02	0.056676	1.83E-02	1.51E-04	7.17E-02	9.01E-02
5971	483115.22	3856291.01	1.31616	1.90042	1.33939	1.96E-02	1.34E-04	3.48E-02	0.05457	2.00E-02	1.32E-04	3.88E-02	0.058908	1.90E-02	1.68E-04	7.44E-02	9.36E-02
5972	483114.2	3856198.51	1.36635	2.11862	1.38257	2.03E-02	1.50E-04	3.60E-02	0.056456	2.08E-02	1.47E-04	4.00E-02	0.060936	1.97E-02	1.87E-04	7.68E-02	9.68E-02
5973	483113.17	3856106.02	1.43928	2.32871	1.45719	2.14E-02	1.64E-04	3.79E-02	0.059498	2.19E-02	1.62E-04	4.22E-02	0.064219	2.08E-02	2.05E-04	8.10E-02	1.02E-01
5974	483112.15	3856013.52	1.50681	2.56691	1.52733	2.24E-02	1.81E-04	3.97E-02	0.062345	2.29E-02	1.78E-04	4.42E-02	0.067292	2.18E-02	2.26E-04	8.49E-02	1.07E-01
5975	483029.25	3855920.47	1.52517	2.65766	1.55695	2.27E-02	1.88E-04	4.05E-02	0.063395	2.32E-02	1.85E-04	4.51E-02	0.068435	2.20E-02	2.34E-04	8.65E-02	1.09E-01
5976	482947.37	3855919.91	1.45184	2.6283	1.48392	2.16E-02	1.86E-04	3.86E-02	0.060401	2.21E-02	1.83E-04	4.29E-02	0.065204	2.10E-02	2.32E-04	8.25E-02	1.04E-01
5977	482865.49	3855919.36	1.38124	2.55506	1.41893	2.06E-02	1.80E-04	3.69E-02	0.057655	2.10E-02	1.78E-04	4.11E-02	0.062245	2.00E-02	2.25E-04	7.88E-02	9.90E-02
5978	482783.61	3855918.8	1.32077	2.51627	1.38041	1.97E-02	1.78E-04	3.59E-02	0.05575	2.01E-02	1.75E-04	3.99E-02	0.060208	1.91E-02	2.22E-04	7.67E-02	9.60E-02
5979	482700.33	3855818.39	1.32725	2.81953	1.39465	1.98E-02	1.99E-04	3.63E-02	0.056238	2.02E-02	1.96E-04	4.04E-02	0.060739	1.92E-02	2.49E-04	7.75E-02	9.69E-02
5980	482698.92	3855718.54	1.37771	3.20156	1.46459	2.05E-02	2.26E-04	3.81E-02	0.058836	2.10E-02	2.23E-04	4.24E-02	0.063557	1.99E-02	2.82E-04	8.14E-02	1.02E-01
5981	482697.52	3855618.68	1.41713	3.47237	1.52223	2.11E-02	2.45E-04	3.96E-02	0.060941	2.16E-02	2.41E-04	4.40E-02	0.065843	2.05E-02	3.06E-04	8.46E-02	1.05E-01
5982	482696.11	3855518.83	1.46431	3.54813	1.59951	2.18E-02	2.51E-04	4.16E-02	0.063659	2.23E-02	2.47E-04	4.63E-02	0.068803	2.12E-02	3.13E-04	8.89E-02	1.10E-01
5983	482694.71	3855418.98	1.51417	3.76613	1.68764	2.25E-02	2.66E-04	4.39E-02	0.066709	2.30E-02	2.62E-04	4.88E-02	0.072126	2.19E-02	3.32E-04	9.38E-02	1.16E-01
5984	482693.3	3855319.13	1.59765	3.83835	1.76231	2.38E-02	2.71E-04	4.58E-02	0.0699	2.43E-02	2.67E-04	5.10E-02	0.075562	2.31E-02	3.39E-04	9.79E-02	1.21E-01
5985	482691.9	3855219.27	1.67982	3.99122	1.85501	2.50E-02	2.82E-04	4.83E-02	0.073545	2.55E-02	2.77E-04	5.37E-02	0.079504	2.43E-02	3.52E-04	1.03E-01	1.28E-01
5986	482690.49	3855119.42	1.74037	4.24011	1.97719	2.59E-02	2.99E-04	5.14E-02	0.077643	2.65E-02	2.95E-04	5.72E-02	0.083978	2.51E-02	3.74E-04	1.10E-01	1.35E-01
5987	482689.09	3855019.57	1.86623	4.45315	2.15107	2.78E-02	3.14E-04	5.60E-02	0.084055	2.84E-02	3.10E-04	6.22E-02	0.090939	2.70E-02	3.93E-04	1.20E-01	1.47E-01
5988	482687.68	3854919.71	1.92629	4.50386	2.29152	2.87E-02	3.18E-04	5.96E-02	0.088606	2.93E-02	3.13E-04	6.63E-02	0.09592	2.78E-02	3.97E-04	1.27E-01	1.56E-01
5989	482686.28	3854819.86	1.99992	4.2213	2.45946	2.98E-02	2.98E-04	6.40E-02	0.094051	3.04E-02	2.93E-04	7.12E-02	0.10188	2.89E-02	3.72E-04	1.37E-01	1.66E-01
5990	482684.88	3854720.01	1.99459	4.42465	2.5529	2.97E-02	3.12E-04	6.64E-02	0.096417	3.03E-02	3.08E-04	7.39E-02	0.104517	2.88E-02	3.90E-04	1.42E-01	1.71E-01
5991	482683.47	3854620.16	2.07347	4.70013	2.68441	3.09E-02	3.32E-04	6.98E-02	0.101032	3.15E-02	3.27E-04	7.77E-02	0.109541	3.00E-02	4.15E-04	1.49E-01	1.80E-01
5992	482682.07	3854520.31	2.05725	3.82726	2.75048	3.06E-02	2.70E-04	7.16E-02	0.102448	3.13E-02	2.66E-04	7.96E-02	0.111146	2.97E-02	3.38E-04	1.53E-01	1.83E-01
5993	482680.66	3854420.45	2.09994	3.66083	2.7657	3.13E-02	2.58E-04	7.20E-02	0.103468	3.19E-02	2.54E-04	8.00E-02	0.112224	3.03E-02	3.23E-04	1.54E-01	1.84E-01
5994	482679.26	3854320.6	1.95201	3.4471	2.71033	2.91E-02	2.43E-04	7.05E-02	0.09981	2.97E-02	2.40E-04	7.84E-02	0.108357	2.82E-02	3.04E-04	1.51E-01	1.79E-01
5995	482677.85	3854220.75	1.98628	2.94923	2.61612	2.96E-02	2.08E-04	6.81E-02	0.097834	3.02E-02	2.05E-04	7.57E-02	0.106117	2.87E-02	2.60E-04	1.45E-01	1.74E-01
5996	482676.45	3854120.9	1.85434	2.66516	2.42466	2.76E-02	1.88E-04	6.31E-02	0.090869	2.82E-02	1.85E-04	7.02E-02	0.098551	2.68E-02	2.35E-04	1.35E-01	1.62E-01
5997	482675.04	3854021.04	1.70348	2.60513	2.27864	2.54E-02	1.84E-04	5.93E-02	0.084821	2.59E-02	1.81E-04	6.59E-02	0.092027	2.46E-02	2.30E-04	1.27E-01	1.51E-01
5998	482673.64	3853921.19	1.49522	2.40825	2.06179	2.23E-02	1.70E-04	5.36E-02	0.076065	2.27E-02	1.67E-04	5.97E-02	0.082571	2.16E-02	2.12E-04	1.15E-01	1.36E-01
5999	482672.23	3853821.34	1.40659	2.18845	1.85165	2.09E-02	1.55E-04	4.82E-02	0.069264	2.14E-02	1.52E-04	5.36E-02	0.075126	2.03E-02	1.93E-04	1.03E-01	1.23E-01
6000	482670.83	3853721.48	1.33758	1.93295	1.53809	1.99E-02	1.36E-04	4.00E-02	0.060061	2.03E-02	1.34E-04	4.45E-02	0.064986	1.93E-02	1.71E-04	8.55E-02	1.05E-01
6001	482669.42	3853621.63	1.25462	1.68393	1.26919	1.87E-02	1.19E-04	3.30E-02	0.051813	1.91E-02	1.17E-04	3.67E-02	0.055925	1.81E-02	1.49E-04	7.05E-02	8.88E-02
6002	482645.99	3853446.13	0.95553	1.40333	0.95859	1.42E-02	9.91E-05	2.49E-02	0.039261	1.45E-02	9.75E-05	2.77E-02	0.042369	1.38E-02	1.24E-04	5.33E-02	6.72E-02
6003	482623.97	3853370.48	0.86048	1.28185	0.86928	1.28E-02	9.05E-05	2.26E-02	0.035514	1.31E-02	8.91E-05	2.52E-02	0.038331	1.24E-02	1.13E-04	4.83E-02	6.08E-02
6004	482601.94	3853294.84	0.78508	1.20225	0.77842	1.17E-02	8.49E-05	2.03E-02	0.032022	1.19E-02	8.36E-05	2.25E-02	0.034549	1.13E-02	1.06E-04	4.33E-02	5.47E-02
6005	482531.29	3853133.44	0.6523	0.96848	0.67677	9.71E-03	6.84E-05	1.76E-02	0.027385	9.92E-03	6.73E-05	1.96E-02	0.029572	9.43E-03	8.55E-05	3.76E-02	4.71E-02
6006	482482.68	3853047.69	0.61055	0.90294	0.6432	9.09E-03	6.38E-05	1.67E-02	0.025885	9.29E-03	6.28E-05	1.86E-02	0.027961	8.82E-03	7.97E-05	3.57E-02	4.46E-02
6007	482383.09	3852897.4	0.5507	0.82188	0.59234	8.20E-03	5.80E-05	1.54E-02	0.023665	8.38E-03	5.71E-05	1.71E-02	0.025573	7.96E-03	7.25E-05	3.29E-02	4.09E-02
6008	482265.64	3852765.26	0.52289	0.78446	0.56932	7.78E-03	5.54E-05	1.48E-02	0.02265	7.95E-03	5.45E-05	1.65E-02	0.024482	7.56E-03	6.92E-05	3.16E-02	3.93E-02
6009	482199.16	3852697.66	0.50909	0.76257	0.56146	7.58E-03	5.38E-05	1.46E-02	0.022238	7.74E-03	5.30E-05	1.62E-02	0.024043	7.36E-03	6.73E-05	3.12E-02	3.86E-02
6010	482132.69	3852630.07	0.49514	0.74608	0.55341	7.37E-03	5.27E-05	1.44E-02	0.02182	7.53E-03	5.19E-05	1.60E-02	0.023597	7.15E-03	6.58E-05	3.08E-02	3.80E-02
6011	482066.21	3852562.48	0.48234	0.7049	0.5441	7.18E-03	4.98E-05	1.42E-02	0.021385	7.34E-03	4.90E-05	1.57E-02	0.02313	6.97E-03	6.22E-05	3.02E-02	3.73E-02
6012	481999.74	3852494.89	0.45965	0.69502	0.52647	6.84E-03	4.91E-05	1.37E-02	0.020587	6.99E-03	4.83E-05	1.52E-02	0.022274	6.64E-03	6.13E-05	2.93E-02	3.60E-02

6013	481933.26	3852427.29	0.4498	0.65821	0.49675	6.70E-03	4.65E-05	1.29E-02	0.019665	6.84E-03	4.57E-05	1.44E-02	0.021261	6.50E-03	5.81E-05	2.76E-02	3.42E-02
6014	481866.79	3852359.7	0.44232	0.63777	0.4853	6.58E-03	4.50E-05	1.26E-02	0.019254	6.73E-03	4.43E-05	1.40E-02	0.020815	6.39E-03	5.63E-05	2.70E-02	3.34E-02
6015	481800.31	3852292.11	0.43372	0.62154	0.47578	6.46E-03	4.39E-05	1.24E-02	0.018878	6.60E-03	4.32E-05	1.38E-02	0.020407	6.27E-03	5.48E-05	2.64E-02	3.28E-02
6016	481733.84	3852224.52	0.42335	0.6067	0.46574	6.30E-03	4.28E-05	1.21E-02	0.018461	6.44E-03	4.22E-05	1.35E-02	0.019958	6.12E-03	5.35E-05	2.59E-02	3.21E-02
6017	481667.36	3852156.92	0.41411	0.60125	0.45728	6.16E-03	4.25E-05	1.19E-02	0.018103	6.30E-03	4.18E-05	1.32E-02	0.019572	5.98E-03	5.31E-05	2.54E-02	3.14E-02
6018	481600.89	3852089.33	0.40282	0.58232	0.44468	6.00E-03	4.11E-05	1.16E-02	0.017606	6.13E-03	4.05E-05	1.29E-02	0.019035	5.82E-03	5.14E-05	2.47E-02	3.06E-02
6019	481534.41	3852021.74	0.39163	0.57381	0.43486	5.83E-03	4.05E-05	1.13E-02	0.017183	5.96E-03	3.99E-05	1.26E-02	0.01858	5.66E-03	5.06E-05	2.42E-02	2.99E-02
6020	481467.94	3851954.15	0.38215	0.5577	0.42634	5.69E-03	3.94E-05	1.11E-02	0.016819	5.81E-03	3.88E-05	1.23E-02	0.018188	5.52E-03	4.92E-05	2.37E-02	2.93E-02
6021	481401.46	3851886.55	0.37887	0.53705	0.4148	5.64E-03	3.79E-05	1.08E-02	0.016469	5.76E-03	3.73E-05	1.20E-02	0.017803	5.47E-03	4.74E-05	2.30E-02	2.86E-02
6022	481265.87	3851761.43	0.3705	0.50504	0.39537	5.51E-03	3.57E-05	1.03E-02	0.015836	5.63E-03	3.51E-05	1.14E-02	0.017111	5.35E-03	4.46E-05	2.20E-02	2.74E-02
6023	481196.74	3851703.89	0.36604	0.49094	0.38379	5.45E-03	3.47E-05	9.98E-03	0.015468	5.57E-03	3.41E-05	1.11E-02	0.016707	5.29E-03	4.33E-05	2.13E-02	2.67E-02
6024	481076.33	3851619.04	0.3591	0.46137	0.3852	5.35E-03	3.26E-05	1.00E-02	0.015399	5.46E-03	3.21E-05	1.11E-02	0.01664	5.19E-03	4.07E-05	2.14E-02	2.66E-02
6025	480939.8	3851549.07	0.36	0.45674	0.38725	5.36E-03	3.22E-05	1.01E-02	0.015465	5.48E-03	3.17E-05	1.12E-02	0.016713	5.20E-03	4.03E-05	2.15E-02	2.68E-02
6026	480854.56	3851506.41	0.3646	0.46548	0.38979	5.43E-03	3.29E-05	1.01E-02	0.015601	5.55E-03	3.24E-05	1.13E-02	0.016857	5.27E-03	4.11E-05	2.17E-02	2.70E-02
6027	480769.32	3851463.75	0.36567	0.48092	0.40552	5.44E-03	3.40E-05	1.05E-02	0.016027	5.56E-03	3.34E-05	1.17E-02	0.017329	5.28E-03	4.24E-05	2.25E-02	2.79E-02
6028	480684.08	3851421.08	0.36191	0.50497	0.40359	5.39E-03	3.57E-05	1.05E-02	0.015922	5.50E-03	3.51E-05	1.17E-02	0.017218	5.23E-03	4.46E-05	2.24E-02	2.77E-02
6029	480598.84	3851378.42	0.35147	0.48705	0.39188	5.23E-03	3.44E-05	1.02E-02	0.015461	5.35E-03	3.39E-05	1.13E-02	0.016719	5.08E-03	4.30E-05	2.18E-02	2.69E-02
6030	480435.71	3851275.01	0.33245	0.49096	0.36874	4.95E-03	3.47E-05	9.59E-03	0.014576	5.06E-03	3.41E-05	1.07E-02	0.015761	4.80E-03	4.33E-05	2.05E-02	2.53E-02
6031	480347.85	3851232.36	0.32423	0.47397	0.36201	4.83E-03	3.35E-05	9.42E-03	0.014278	4.93E-03	3.29E-05	1.05E-02	0.01544	4.69E-03	4.18E-05	2.01E-02	2.48E-02
6032	480260	3851189.72	0.3293	0.44429	0.36553	4.90E-03	3.14E-05	9.51E-03	0.014443	5.01E-03	3.09E-05	1.06E-02	0.015617	4.76E-03	3.92E-05	2.03E-02	2.51E-02
6033	480172.15	3851147.07	0.32562	0.44224	0.37117	4.85E-03	3.12E-05	9.66E-03	0.014534	4.95E-03	3.07E-05	1.07E-02	0.015724	4.71E-03	3.90E-05	2.06E-02	2.54E-02
6034	480084.29	3851104.42	0.32013	0.44862	0.37243	4.77E-03	3.17E-05	9.69E-03	0.014486	4.87E-03	3.12E-05	1.08E-02	0.015677	4.63E-03	3.96E-05	2.07E-02	2.54E-02
6035	479996.44	3851061.77	0.32738	0.45085	0.36514	4.87E-03	3.18E-05	9.50E-03	0.014404	4.98E-03	3.13E-05	1.06E-02	0.015577	4.73E-03	3.98E-05	2.03E-02	2.51E-02
6036	479908.58	3851019.13	0.31312	0.43513	0.34323	4.66E-03	3.07E-05	8.93E-03	0.013621	4.76E-03	3.02E-05	9.93E-03	0.014725	4.52E-03	3.84E-05	1.91E-02	2.36E-02
6037	479820.73	3850976.48	0.29441	0.40464	0.32489	4.38E-03	2.86E-05	8.45E-03	0.012863	4.48E-03	2.81E-05	9.40E-03	0.013907	4.25E-03	3.57E-05	1.81E-02	2.23E-02
6038	479732.88	3850933.83	0.28346	0.39313	0.32496	4.22E-03	2.78E-05	8.45E-03	0.012701	4.31E-03	2.73E-05	9.40E-03	0.013742	4.10E-03	3.47E-05	1.81E-02	2.22E-02
6039	479645.02	3850891.18	0.28628	0.38904	0.31905	4.26E-03	2.75E-05	8.30E-03	0.012589	4.35E-03	2.70E-05	9.23E-03	0.013613	4.14E-03	3.43E-05	1.77E-02	2.19E-02
6040	479557.17	3850848.54	0.27353	0.37052	0.30758	4.07E-03	2.62E-05	8.00E-03	0.0121	4.16E-03	2.58E-05	8.90E-03	0.013086	3.95E-03	3.27E-05	1.71E-02	2.11E-02
6041	479469.32	3850805.89	0.26337	0.35038	0.29108	3.92E-03	2.47E-05	7.57E-03	0.011518	4.01E-03	2.44E-05	8.42E-03	0.012453	3.81E-03	3.09E-05	1.62E-02	2.00E-02
6042	479381.46	3850763.24	0.25898	0.34844	0.29044	3.85E-03	2.46E-05	7.56E-03	0.011436	3.94E-03	2.42E-05	8.40E-03	0.012368	3.74E-03	3.07E-05	1.61E-02	1.99E-02
6043	479293.61	3850720.59	0.25856	0.34626	0.29101	3.85E-03	2.44E-05	7.57E-03	0.011444	3.93E-03	2.41E-05	8.42E-03	0.012377	3.74E-03	3.06E-05	1.62E-02	1.99E-02
6044	479205.76	3850677.95	0.25504	0.32919	0.27363	3.80E-03	2.32E-05	7.12E-03	0.010938	3.88E-03	2.29E-05	7.92E-03	0.01182	3.69E-03	2.90E-05	1.52E-02	1.89E-02
6045	479117.9	3850635.3	0.23998	0.31522	0.2626	3.57E-03	2.23E-05	6.83E-03	0.010426	3.65E-03	2.19E-05	7.60E-03	0.011271	3.47E-03	2.78E-05	1.46E-02	1.81E-02
6046	479030.05	3850592.65	0.22816	0.30245	0.25237	3.40E-03	2.14E-05	6.57E-03	0.009983	3.47E-03	2.10E-05	7.30E-03	0.010794	3.30E-03	2.67E-05	1.40E-02	1.73E-02
6047	478942.19	3850550	0.22167	0.27635	0.24185	3.30E-03	1.95E-05	6.29E-03	0.009611	3.37E-03	1.92E-05	7.00E-03	0.010389	3.20E-03	2.44E-05	1.34E-02	1.67E-02
6048	478854.34	3850507.36	0.20625	0.25494	0.22674	3.07E-03	1.80E-05	5.90E-03	0.008987	3.14E-03	1.77E-05	6.56E-03	0.009716	2.98E-03	2.25E-05	1.26E-02	1.56E-02
6049	478766.49	3850464.71	0.19001	0.22148	0.2091	2.83E-03	1.56E-05	5.44E-03	0.008284	2.89E-03	1.54E-05	6.05E-03	0.008956	2.75E-03	1.95E-05	1.16E-02	1.44E-02
6050	478678.63	3850422.06	0.17937	0.20835	0.18776	2.67E-03	1.47E-05	4.88E-03	0.007569	2.73E-03	1.45E-05	5.43E-03	0.008176	2.59E-03	1.84E-05	1.04E-02	1.30E-02
6051	478590.78	3850379.41	0.16417	0.19715	0.17505	2.44E-03	1.39E-05	4.55E-03	0.007012	2.50E-03	1.37E-05	5.07E-03	0.007576	2.37E-03	1.74E-05	9.73E-03	1.21E-02
6052	478502.93	3850336.77	0.15823	0.1793	0.1698	2.36E-03	1.27E-05	4.42E-03	0.006785	2.41E-03	1.25E-05	4.91E-03	0.007333	2.29E-03	1.58E-05	9.44E-03	1.17E-02
6053	478415.07	3850294.12	0.15259	0.1705	0.15369	2.27E-03	1.20E-05	4.00E-03	0.006282	2.32E-03	1.19E-05	4.45E-03	0.00678	2.20E-03	1.50E-05	8.54E-03	1.08E-02
6054	478327.22	3850251.47	0.13851	0.16111	0.147	2.06E-03	1.14E-05	3.82E-03	0.005897	2.11E-03	1.12E-05	4.25E-03	0.006372	2.00E-03	1.42E-05	8.17E-03	1.02E-02
6055	478239.36	3850208.82	0.13283	0.1603	0.13955	1.98E-03	1.13E-05	3.63E-03	0.005619	2.02E-03	1.11E-05	4.04E-03	0.00607	1.92E-03	1.41E-05	7.75E-03	9.69E-03
6056	478151.51	3850166.18	0.12585	0.16065	0.13751	1.87E-03	1.13E-05	3.58E-03	0.005462	1.91E-03	1.12E-05	3.98E-03	0.005904	1.82E-03	1.42E-05	7.64E-03	9.47E-03
6057	478063.66	3850123.53	0.12363	0.16299	0.13576	1.84E-03	1.15E-05	3.53E-03	0.005384	1.88E-03	1.13E-05	3.93E-03	0.00582	1.79E-03	1.44E-05	7.54E-03	9.34E-03
6058	477975.8	3850080.88	0.12785	0.16635	0.14013	1.90E-03	1.17E-05	3.65E-03	0.00556	1.94E-03	1.16E-05	4.05E-03	0.006011	1.85E-03	1.47E-05	7.79E-03	9.65E-03
6059	477887.95	3850038.23	0.13011	0.16364	0.142	1.94E-03	1.16E-05	3.69E-03	0.005642	1.98E-03	1.14E-05	4.11E-03	0.006099	1.88E-03	1.44E-05	7.89E-03	9.78E-03

6060	477800.1	3849995.59	0.13168	0.1675	0.14021	1.96E-03	1.18E-05	3.65E-03	0.00562	2.00E-03	1.16E-05	4.06E-03	0.006072	1.90E-03	1.48E-05	7.79E-03	9.71E-03
6061	477712.24	3849952.94	0.13026	0.17027	0.13774	1.94E-03	1.20E-05	3.58E-03	0.005534	1.98E-03	1.18E-05	3.99E-03	0.005979	1.88E-03	1.50E-05	7.65E-03	9.55E-03
6062	477624.39	3849910.29	0.12816	0.17018	0.14023	1.91E-03	1.20E-05	3.65E-03	0.005568	1.95E-03	1.18E-05	4.06E-03	0.006019	1.85E-03	1.50E-05	7.79E-03	9.66E-03
6063	477536.54	3849867.64	0.12844	0.1641	0.1454	1.91E-03	1.16E-05	3.78E-03	0.005706	1.95E-03	1.14E-05	4.21E-03	0.006172	1.86E-03	1.45E-05	8.08E-03	9.95E-03
6064	477448.68	3849825	0.12857	0.15661	0.14601	1.91E-03	1.11E-05	3.80E-03	0.005723	1.96E-03	1.09E-05	4.23E-03	0.006191	1.86E-03	1.38E-05	8.11E-03	9.98E-03
6065	477360.83	3849782.35	0.12657	0.14884	0.14159	1.88E-03	1.05E-05	3.68E-03	0.005578	1.92E-03	1.03E-05	4.10E-03	0.006033	1.83E-03	1.31E-05	7.87E-03	9.71E-03
6066	477272.97	3849739.7	0.12248	0.14696	0.13716	1.82E-03	1.04E-05	3.57E-03	0.005402	1.86E-03	1.02E-05	3.97E-03	0.005842	1.77E-03	1.30E-05	7.62E-03	9.40E-03
6067	477185.12	3849697.05	0.12421	0.14763	0.13288	1.85E-03	1.04E-05	3.46E-03	0.005316	1.89E-03	1.03E-05	3.85E-03	0.005745	1.79E-03	1.30E-05	7.38E-03	9.19E-03
6068	477097.27	3849654.41	0.12355	0.14648	0.12489	1.84E-03	1.03E-05	3.25E-03	0.005098	1.88E-03	1.02E-05	3.61E-03	0.005503	1.79E-03	1.29E-05	6.94E-03	8.74E-03
6069	477009.41	3849611.76	0.11536	0.14744	0.12247	1.72E-03	1.04E-05	3.19E-03	0.004914	1.75E-03	1.02E-05	3.54E-03	0.005309	1.67E-03	1.30E-05	6.81E-03	8.49E-03
6070	476841.49	3849530.08	0.1114	0.14938	0.12151	1.66E-03	1.05E-05	3.16E-03	0.00483	1.69E-03	1.04E-05	3.52E-03	0.005221	1.61E-03	1.32E-05	6.75E-03	8.37E-03
6071	476761.41	3849491.05	0.11166	0.15306	0.12221	1.66E-03	1.08E-05	3.18E-03	0.004852	1.70E-03	1.06E-05	3.54E-03	0.005245	1.61E-03	1.35E-05	6.79E-03	8.42E-03
6072	476681.34	3849452.02	0.11163	0.15332	0.12289	1.66E-03	1.08E-05	3.20E-03	0.00487	1.70E-03	1.07E-05	3.56E-03	0.005265	1.61E-03	1.35E-05	6.83E-03	8.46E-03
6073	476601.26	3849412.99	0.11233	0.15453	0.12414	1.67E-03	1.09E-05	3.23E-03	0.004913	1.71E-03	1.07E-05	3.59E-03	0.005311	1.62E-03	1.36E-05	6.90E-03	8.53E-03
6074	476456.32	3849353.67	0.11248	0.15234	0.1278	1.67E-03	1.08E-05	3.32E-03	0.00501	1.71E-03	1.06E-05	3.70E-03	0.005419	1.63E-03	1.34E-05	7.10E-03	8.74E-03
6075	476305.43	3849318.83	0.12275	0.16316	0.13823	1.83E-03	1.15E-05	3.60E-03	0.005435	1.87E-03	1.13E-05	4.00E-03	0.005878	1.77E-03	1.44E-05	7.68E-03	9.47E-03
6076	476129.36	3849289.99	0.12823	0.14734	0.14465	1.91E-03	1.04E-05	3.76E-03	0.005682	1.95E-03	1.02E-05	4.19E-03	0.006146	1.85E-03	1.30E-05	8.04E-03	9.90E-03
6077	476039.31	3849275.68	0.13419	0.14212	0.14254	2.00E-03	1.00E-05	3.71E-03	0.005716	2.04E-03	9.88E-06	4.12E-03	0.006175	1.94E-03	1.25E-05	7.92E-03	9.87E-03
6078	475949.26	3849261.38	0.1294	0.14385	0.13109	1.93E-03	1.02E-05	3.41E-03	0.005347	1.97E-03	1.00E-05	3.79E-03	0.005771	1.87E-03	1.27E-05	7.28E-03	9.17E-03
6079	475859.21	3849247.08	0.11695	0.13796	0.12176	1.74E-03	9.74E-06	3.17E-03	0.004918	1.78E-03	9.59E-06	3.52E-03	0.005312	1.69E-03	1.22E-05	6.77E-03	8.47E-03
6080	475769.16	3849232.77	0.11323	0.1341	0.12211	1.69E-03	9.47E-06	3.18E-03	0.004872	1.72E-03	9.32E-06	3.53E-03	0.005265	1.64E-03	1.18E-05	6.79E-03	8.43E-03
6081	475585.22	3849219.27	0.11032	0.11704	0.11261	1.64E-03	8.26E-06	2.93E-03	0.00458	1.68E-03	8.13E-06	3.26E-03	0.004945	1.59E-03	1.03E-05	6.26E-03	7.86E-03
6082	475444.49	3849150.35	0.10981	0.1272	0.1114	1.63E-03	8.98E-06	2.90E-03	0.004542	1.67E-03	8.84E-06	3.22E-03	0.004903	1.59E-03	1.12E-05	6.19E-03	7.79E-03
6083	475334.17	3849118.71	0.10639	0.12232	0.10753	1.58E-03	8.64E-06	2.80E-03	0.00439	1.62E-03	8.50E-06	3.11E-03	0.004738	1.54E-03	1.08E-05	5.98E-03	7.52E-03
6084	475230.47	3849060.56	0.10421	0.1174	0.10686	1.55E-03	8.29E-06	2.78E-03	0.004339	1.58E-03	8.16E-06	3.09E-03	0.004685	1.51E-03	1.04E-05	5.94E-03	7.45E-03
6085	475110.86	3848960.97	0.10315	0.11761	0.10278	1.54E-03	8.30E-06	2.67E-03	0.004218	1.57E-03	8.17E-06	2.97E-03	0.004551	1.49E-03	1.04E-05	5.71E-03	7.21E-03
6086	475037.79	3848896.28	0.10181	0.11767	0.1028	1.52E-03	8.31E-06	2.67E-03	0.004198	1.55E-03	8.18E-06	2.97E-03	0.004531	1.47E-03	1.04E-05	5.71E-03	7.19E-03
6087	474964.72	3848831.59	0.10153	0.11654	0.10285	1.51E-03	8.23E-06	2.68E-03	0.004195	1.54E-03	8.10E-06	2.98E-03	0.004528	1.47E-03	1.03E-05	5.71E-03	7.19E-03
6088	474891.65	3848766.9	0.10075	0.11396	0.10219	1.50E-03	8.05E-06	2.66E-03	0.004166	1.53E-03	7.92E-06	2.96E-03	0.004497	1.46E-03	1.01E-05	5.68E-03	7.14E-03
6089	474818.58	3848702.21	0.10004	0.11186	0.10237	1.49E-03	7.90E-06	2.66E-03	0.00416	1.52E-03	7.77E-06	2.96E-03	0.004492	1.45E-03	9.87E-06	5.69E-03	7.14E-03
6090	474745.51	3848637.53	0.10058	0.11282	0.102	1.50E-03	7.97E-06	2.65E-03	0.004159	1.53E-03	7.84E-06	2.95E-03	0.004489	1.45E-03	9.95E-06	5.67E-03	7.13E-03
6091	474672.44	3848572.84	0.09968	0.11056	0.10139	1.48E-03	7.81E-06	2.64E-03	0.004129	1.52E-03	7.68E-06	2.93E-03	0.004458	1.44E-03	9.76E-06	5.63E-03	7.08E-03
6092	474599.37	3848508.15	0.0987	0.1059	0.10128	1.47E-03	7.48E-06	2.63E-03	0.004111	1.50E-03	7.36E-06	2.93E-03	0.004439	1.43E-03	9.34E-06	5.63E-03	7.06E-03
6093	474526.3	3848443.46	0.09767	0.10257	0.10103	1.45E-03	7.24E-06	2.63E-03	0.004089	1.49E-03	7.13E-06	2.92E-03	0.004416	1.41E-03	9.05E-06	5.61E-03	7.03E-03

			NO2				2028 - RD					2033 - RD					2048 - RD				
			Period				Rates	9.06E-02	4.23E-03	1.87E-05	2.32E-03	Ra	1.14E-01	5.34E-03	1.59E-05	1.35E-03	Ra	1.13E-01	4.59E-03	1.30E-05	1.44E-03	
			Concentration [ug/m^3] at 1 g/s					Concentration [ug/m^3]					Concentration [ug/m^3]					Concentration [ug/m^3]				
	X	Y	IMF (SLINE	IMF-Idle (I	IMF-Trucks	IMF-Truck-Idle (PARI		IMF	IMF-Idle	IMF-Trucks	IMF-Truck-	Total	IMF	IMF-Idle	IMF-Trucks	IMF-Truck-	Total	IMF	IMF-Idle	IMF-Trucks	IMF-Truck-	Total
1	485973.61	3854936.51	0.50887	0.83082	0.47506	0.10682		4.61E-02	3.51E-03	8.89E-06	2.47E-04	4.99E-02	5.82E-02	0.004436	7.55E-06	0.000144	6.28E-02	5.74E-02	0.003815	6.17E-06	0.000153	0.06135
2	486023.61	3854936.51	0.48765	0.78396	0.45714	0.10692		4.42E-02	0.00332	8.6E-06	0.00025	0.04776	5.58E-02	0.004186	7.27E-06	0.000145	6.01E-02	0.054982	0.0036	5.93E-06	0.000154	0.058742
3	486073.61	3854936.51	0.4716	0.74673	0.4444	0.10752		4.27E-02	0.00316	8.3E-06	0.00025	0.04615	5.39E-02	0.003987	7.06E-06	0.000145	5.81E-02	0.053173	0.003429	5.77E-06	0.000154	0.056762
4	486123.61	3854936.51	0.44691	0.69718	0.422	0.10655		4.05E-02	0.00295	7.9E-06	0.00025	0.0437	5.11E-02	0.003723	6.71E-06	0.000144	5.50E-02	0.050389	0.003202	5.48E-06	0.000153	0.053749
5	486173.61	3854936.51	0.43816	0.67366	0.41629	0.10774		3.97E-02	0.00285	7.8E-06	0.00025	0.04281	5.01E-02	0.003597	6.62E-06	0.000146	5.39E-02	0.049402	0.003094	5.4E-06	0.000155	0.052656
6	486223.61	3854936.51	0.42148	0.63912	0.40178	0.10746		3.82E-02	0.0027	7.5E-06	0.00025	0.04116	4.82E-02	0.003413	6.39E-06	0.000145	5.18E-02	0.047522	0.002935	5.22E-06	0.000154	0.050616
7	486273.61	3854936.51	0.40824	0.61092	0.3907	0.10752		3.70E-02	0.00258	7.3E-06	0.00025	0.03984	4.67E-02	0.003262	6.21E-06	0.000145	5.01E-02	0.046029	0.002806	5.07E-06	0.000154	0.048994
8	486323.61	3854936.51	0.39648	0.58583	0.38097	0.10763		3.59E-02	0.00248	7.1E-06	0.00025	0.03866	4.53E-02	0.003128	6.05E-06	0.000146	4.86E-02	0.044703	0.00269	4.95E-06	0.000155	0.047553
9	485973.61	3854986.51	0.55142	0.85736	0.53757	0.12839		5.00E-02	0.00363	1E-05	0.0003	0.05391	6.31E-02	0.004578	8.54E-06	0.000174	6.78E-02	0.062172	0.003937	6.98E-06	0.000184	0.066301
10	486023.61	3854986.51	0.53017	0.81197	0.51851	0.12823		4.80E-02	0.00344	9.7E-06	0.0003	0.05179	6.06E-02	0.004336	8.24E-06	0.000173	6.52E-02	0.059776	0.003729	6.73E-06	0.000184	0.063696
11	486073.61	3854986.51	0.50754	0.76583	0.49761	0.12749		4.60E-02	0.00324	9.3E-06	0.0003	0.04954	5.81E-02	0.004089	7.91E-06	0.000172	6.23E-02	0.057225	0.003517	6.46E-06	0.000183	0.060931
12	486123.61	3854986.51	0.48673	0.7238	0.4784	0.12669		4.41E-02	0.00306	9E-06	0.00029	0.04747	5.57E-02	0.003865	7.6E-06	0.000171	5.97E-02	0.054879	0.003324	6.21E-06	0.000182	0.058391
13	486173.61	3854986.51	0.47259	0.69273	0.46627	0.12679		4.28E-02	0.00293	8.7E-06	0.00029	0.04606	5.41E-02	0.003699	7.41E-06	0.000171	5.79E-02	0.053284	0.003181	6.05E-06	0.000182	0.056654
14	486223.61	3854986.51	0.45349	0.65581	0.4483	0.12577		4.11E-02	0.00277	8.4E-06	0.00029	0.04417	5.19E-02	0.003502	7.12E-06	0.00017	5.55E-02	0.051131	0.003012	5.82E-06	0.000181	0.054329
15	486273.61	3854986.51	0.4342	0.61998	0.42992	0.12444		3.93E-02	0.00262	8E-06	0.00029	0.04227	4.97E-02	0.00331	6.83E-06	0.000168	5.31E-02	0.048956	0.002847	5.58E-06	0.000179	0.051987
16	486323.61	3854986.51	0.42779	0.60297	0.42556	0.12528		3.88E-02	0.00255	8E-06	0.00029	0.04162	4.89E-02	0.00322	6.76E-06	0.000169	5.23E-02	0.048233	0.002769	5.52E-06	0.00018	0.051188
17	485973.61	3855036.51	0.59773	0.87472	0.60632	0.15465		5.42E-02	0.0037	1.1E-05	0.00036	0.05824	6.84E-02	0.004671	9.64E-06	0.000209	7.33E-02	0.067394	0.004017	7.87E-06	0.000222	0.071641
18	486023.61	3855036.51	0.57226	0.82577	0.58128	0.15315		5.19E-02	0.00349	1.1E-05	0.00035	0.05572	6.55E-02	0.004409	9.24E-06	0.000207	7.01E-02	0.064522	0.003792	7.55E-06	0.00022	0.068542
19	486073.61	3855036.51	0.54449	0.77501	0.55338	0.15086		4.93E-02	0.00328	1E-05	0.00035	0.05298	6.23E-02	0.004138	8.79E-06	0.000204	6.66E-02	0.061391	0.003559	7.18E-06	0.000217	0.065174
20	486123.61	3855036.51	0.52232	0.73333	0.53167	0.14927		4.73E-02	0.0031	1E-05	0.00035	0.05079	5.97E-02	0.003916	8.45E-06	0.000202	6.39E-02	0.058891	0.003368	6.9E-06	0.000214	0.06248
21	486173.61	3855036.51	0.50697	0.70206	0.51748	0.14871		4.59E-02	0.00297	9.7E-06	0.00034	0.04927	5.80E-02	0.003749	8.22E-06	0.000201	6.19E-02	0.057161	0.003224	6.72E-06	0.000214	0.060605
22	486223.61	3855036.51	0.48372	0.66151	0.49399	0.14627		4.38E-02	0.0028	9.2E-06	0.00034	0.04698	5.53E-02	0.003532	7.85E-06	0.000198	5.91E-02	0.054539	0.003038	6.41E-06	0.00021	0.057794
23	486273.61	3855036.51	0.47181	0.63702	0.48321	0.14591		4.28E-02	0.00269	9E-06	0.00034	0.0458	5.40E-02	0.003401	7.68E-06	0.000197	5.76E-02	0.053196	0.002925	6.27E-06	0.00021	0.056338
24	486323.61	3855036.51	0.45447	0.60655	0.46605	0.14422		4.12E-02	0.00257	8.7E-06	0.00033	0.04409	5.20E-02	0.003239	7.41E-06	0.000195	5.54E-02	0.051241	0.002786	6.05E-06	0.000207	0.05424
25	485973.61	3855086.51	0.64337	0.87737	0.67612	0.1852		5.83E-02	0.00371	1.3E-05	0.00043	0.06246	7.36E-02	0.004685	1.07E-05	0.00025	7.85E-02	0.07254	0.004029	8.78E-06	0.000266	0.076844
26	486023.61	3855086.51	0.61826	0.83255	0.65023	0.18286		5.60E-02	0.00352	1.2E-05	0.00042	0.05999	7.07E-02	0.004445	1.03E-05	0.000247	7.54E-02	0.069709	0.003823	8.44E-06	0.000263	0.073803
27	486073.61	3855086.51	0.58699	0.78105	0.61693	0.17877		5.32E-02	0.0033	1.2E-05	0.00041	0.05692	6.71E-02	0.00417	9.8E-06	0.000242	7.16E-02	0.066183	0.003587	8.01E-06	0.000257	0.070035
28	486123.61	3855086.51	0.5657	0.7433	0.59528	0.17658		5.13E-02	0.00314	1.1E-05	0.00041	0.05483	6.47E-02	0.003969	9.46E-06	0.000239	6.89E-02	0.063782	0.003414	7.73E-06	0.000254	0.067457
29	486173.61	3855086.51	0.53985	0.70102	0.56803	0.17312		4.89E-02	0.00297	1.1E-05	0.0004	0.0523	6.17E-02	0.003743	9.03E-06	0.000234	6.57E-02	0.060868	0.003219	7.37E-06	0.000249	0.064343
30	486223.61	3855086.51	0.52099	0.66847	0.54878	0.17089		4.72E-02	0.00283	1E-05	0.0004	0.05045	5.96E-02	0.003569	8.72E-06	0.000231	6.34E-02	0.058741	0.00307	7.12E-06	0.000245	0.062064
31	485973.61	3855136.51	0.69554	0.8763	0.75566	0.22163		6.30E-02	0.00371	1.4E-05	0.00051	0.06727	7.96E-02	0.004679	1.2E-05	0.0003	8.45E-02	0.078422	0.004024	9.81E-06	0.000318	0.082774
32	486023.61	3855136.51	0.66406	0.82829	0.72074	0.21654		6.02E-02	0.0035	1.3E-05	0.0005	0.0642	7.60E-02	0.004423	1.15E-05	0.000293	8.07E-02	0.074873	0.003804	9.36E-06	0.000311	0.078997
33	486073.61	3855136.51	0.63369	0.78246	0.68717	0.21138		5.74E-02	0.00331	1.3E-05	0.00049	0.06124	7.25E-02	0.004178	1.09E-05	0.000286	7.70E-02	0.071448	0.003593	8.92E-06	0.000304	0.075354
34	486123.61	3855136.51	0.60716	0.74188	0.65816	0.20684		5.50E-02	0.00314	1.2E-05	0.00048	0.05865	6.94E-02	0.003961	1.05E-05	0.00028	7.37E-02	0.068457	0.003407	8.54E-06	0.000297	0.07217
35	486173.61	3855136.51	0.58063	0.70226	0.62905	0.20214		5.26E-02	0.00297	1.2E-05	0.00047	0.05607	6.64E-02	0.00375	1E-05	0.000273	7.04E-02	0.065466	0.003225	8.17E-06	0.00029	0.068989
36	486223.61	3855136.51	0.55738	0.66728	0.60373	0.19801		5.05E-02	0.00282	1.1E-05	0.00046	0.0538	6.38E-02	0.003563	9.6E-06	0.000268	6.76E-02	0.062844	0.003064	7.84E-06	0.000284	0.066201
37	485973.61	3855186.51	0.74936	0.86578	0.83953	0.26297		6.79E-02	0.00366	1.6E-05	0.00061	0.0722	8.57E-02	0.004623	1.33E-05	0.000356	9.07E-02	0.08449	0.003976	1.09E-05	0.000378	0.088855
38	486023.61	3855186.51	0.71585	0.82112	0.80054	0.25565		6.49E-02	0.00347	1.5E-05	0.00059	0.06895	8.19E-02	0.004384	1.27E-05	0.000346	8.66E-02	0.080712	0.003771	1.04E-05	0.000367	0.08486
39	486073.61	3855186.51	0.67923	0.77389	0.75773	0.24721		6.16E-02	0.00327	1.4E-05	0.00057	0.06541	7.77E-02	0.004132	1.2E-05	0.000334	8.22E-02	0.076583	0.003554	9.84E-06	0.000355	0.080502
40	486123.61	3855186.51	0.6455	0.73017	0.71867	0.23941		5.85E-02	0.00309	1.3E-05	0.00055	0.06215	7.38E-02	0.003899	1.14E-05	0.000324	7.81E-02	0.07278	0.003353	9.33E-06	0.000344	0.076486
41	486173.61	3855186.51	0.61832	0.69366	0.68768	0.23319		5.60E-02	0.00293	1.3E-05	0.00054	0.05952	7.07E-02	0.003704	1.09E-05	0.000315	7.48E-02	0.069715	0.003186	8.93E-06	0.000335	0.073245
42	486223.61	3855186.51	0.59297	0.65973	0.65887	0.22738		5.37E-02	0.00279	1.2E-05	0.00053	0.05707	6.78E-02	0.003523	1.05E-05	0.000307	7.17E-02	0.066857	0.00303	8.55E-06	0.000327	0.070222
43	486273.61	3855186.51	0.56788	0.62688	0.63027	0.22149		5.15E-02	0.00265	1.2E-05	0.00051	0.05464	6.50E-02	0.003347	1E-05	0.000299	6.86E-02	0.064028	0.002879	8.18E-06	0.000318	0.067233
44	486323.61	3855186.51	0.55915	0.61102	0.62165	0.22003		5.07E-02	0.00258	1.2E-05	0.00051	0.05378	6.40E-02	0.003263	9.88E-06	0.000298	6.75E-02	0.063044	0.002806	8.07E-06	0.000316	0.066174
45	485973.61	3855236.51	0.80389	0.84524	0.92595	0.30849		7.29E-02	0.00358	1.7E-05	0.00071	0.07716	9.19E-02	0.004513	1.47E-05	0.000417	9.69E-02	0.090638	0.003882	1.2E-05	0.000443	0.094975
46	486023.61	3855236.51	0.7621	0.7995	0.87502	0.29662		6.91E-02	0.00338	1.6E-05	0.00069	0.07315	8.72E-02	0.004269	1.39E-05	0.000401	9.19E-02	0.085927	0.003672	1.14E-05	0.000426	0.090035
47	486073.61	3855236.51	0.72179	0.75509	0.82611	0.28518		6.54E-02	0.00319	1.5E-05	0.00066	0.06928	8.26E-02	0.004032	1.31E-05	0.000386	8.70E-02	0.081382	0.003468	1.07E-05	0.00041	0.085269
48	486123.61	3855236.51	0.68885	0.71735	0.78674	0.27597		6.24E-02	0.00303	1.5E-05	0.00064	0.06611	7.88E-02	0.00383	1.25E-05	0.000373	8.30E-02	0.077668	0.003294	1.02E-05	0.000396	0.081368
49	486173.61	3855236.51	0.65905	0.68263	0.7514	0.26764		5.97E-02	0.00289	1.4E-05	0.00062	0.06325	7.54E-02	0.003645	1.19E-05	0.000362	7.94E-02	0.074308	0.003135	9.75E-06	0.000384	0.077837
50	486223.61	3855236.51	0.62987	0.6488	0.71681	0.25937		5.71E-02	0.00274	1.3E-05	0.0006	0.06044	7.20E-02	0.003464	1.14E-05	0.000351	7.59E-02	0.071018	0.00298	9.3E-06	0.000372	0.074379
51	486273.61	3855236.51	0.59558	0.61089	0.67584	0.24952		5.40E-02	0.00258	1.3E-05	0.00058	0.05715	6.81E-02	0.003262	1.07E-05	0.000337	7.17E-02	0.067151	0.002805	8.77E-06	0.000358	0.070324
52	486323.61	3855236.51	0.59304	0.60207	0.67445	0.24912		5.37E-02	0.00255	1.3E-05	0.00058	0.05688	6.78E-02	0.003215	1.07E-05	0.000337	7.14E-02	0.066865	0.002765	8.75E-06	0.000358	0.069996
53	485973.61	3855286.51	0.85963	0.81513	1.01489	0.35765		7.79E-02	0.00345	1.9E-05	0.00083	0.0822	9.83E-02	0.004352	1.61E-05	0.000484	1.03E-01	0.096923	0.003743	1.32E-05	0.000514	0.101193
54	486023.61	3855286.51	0.81224	0.77289	0.95544	0.34154		7.36E-02	0.00327	1.8E-05	0.00079	0.07769	9.29E-02	0.004127	1.52E-05	0.000462	9.75E-02	0.09158	0.003549	1.24E-05	0.00049	0.095632
55	486073.61	3855286.51	0.7711	0.73477	0.90425	0.32779		6.99E-02	0.00311	1.7E-05	0.00076	0.07376	8.82E-02	0.003923	1.44E-05	0.000443	9.26E-02	0.086941	0.003374	1.17E-05	0.000471	0.090798
56	486123.61	3855286.51	0.73131	0.69722	0.8549	0.31455		6.63E-02	0.00295	1.6E-05	0.00073	0.06997	8.36E-02	0.003723	1.36E-05	0.000425	8.78E-02	0.082455	0.003202	1.11E-05	0.000452	0.08612
57	486173.61	3855286.51	0.69615	0.66297	0.81164	0.30292		6.31E-02	0.0028	1.5E-05	0.0007	0.06661	7.96E-02	0.00354	1.29E-05	0.00041	8.36E-02	0.078491	0.003045	1.05E-05	0.000435	0.081981

58	486223.61	3855286.51	0.66779	0.63401	0.77716	0.29352	6.05E-02	0.00268	1.5E-05	0.00068	0.06389	7.64E-02	0.003385	1.24E-05	0.000397	8.02E-02	0.075293	0.002912	1.01E-05	0.000422	0.078636
59	486123.61	3855336.51	0.77518	0.67152	0.92548	0.35541	7.02E-02	0.00284	1.7E-05	0.00082	0.07393	8.87E-02	0.003586	1.47E-05	0.000481	9.27E-02	0.087401	0.003084	1.2E-05	0.00051	0.091008
60	486173.61	3855336.51	0.74034	0.64297	0.88169	0.3422	6.71E-02	0.00272	1.7E-05	0.00079	0.07062	8.47E-02	0.003433	1.4E-05	0.000463	8.86E-02	0.083473	0.002953	1.14E-05	0.000491	0.086929
61	486223.61	3855336.51	0.70655	0.61464	0.83936	0.32947	6.40E-02	0.0026	1.6E-05	0.00076	0.06741	8.08E-02	0.003282	1.33E-05	0.000445	8.46E-02	0.079663	0.002823	1.09E-05	0.000473	0.08297
62	486123.61	3855386.51	0.82299	0.64185	1.00134	0.39918	7.46E-02	0.00272	1.9E-05	0.00092	0.07824	9.41E-02	0.003427	1.59E-05	0.00054	9.81E-02	0.092792	0.002948	1.3E-05	0.000573	0.096326
63	486173.61	3855386.51	0.78463	0.61668	0.95217	0.383	7.11E-02	0.00261	1.8E-05	0.00089	0.07462	8.97E-02	0.003293	1.51E-05	0.000518	9.36E-02	0.088467	0.002832	1.24E-05	0.00055	0.091861
64	486223.61	3855386.51	0.75028	0.59298	0.90838	0.36853	6.80E-02	0.00251	1.7E-05	0.00085	0.07137	8.58E-02	0.003166	1.44E-05	0.000498	8.95E-02	0.084594	0.002723	1.18E-05	0.000529	0.087858
65	486533.18	3855443.15	0.63163	0.46139	0.76967	0.33608	5.72E-02	0.00195	1.4E-05	0.00078	0.05998	7.22E-02	0.002464	1.22E-05	0.000454	7.52E-02	0.071216	0.002119	9.99E-06	0.000483	0.073828
66	486583.18	3855443.15	0.6086	0.44716	0.74005	0.32548	5.52E-02	0.00189	1.4E-05	0.00075	0.05781	6.96E-02	0.002388	1.18E-05	0.00044	7.25E-02	0.068619	0.002054	9.61E-06	0.000467	0.07115
67	486633.18	3855443.15	0.58701	0.43363	0.7123	0.3155	5.32E-02	0.00183	1.3E-05	0.00073	0.05577	6.71E-02	0.002315	1.13E-05	0.000427	6.99E-02	0.066185	0.001991	9.25E-06	0.000453	0.068639
68	486683.18	3855443.15	0.57049	0.42288	0.69113	0.30774	5.17E-02	0.00179	1.3E-05	0.00071	0.05421	6.53E-02	0.002258	1.1E-05	0.000416	6.79E-02	0.064323	0.001942	8.97E-06	0.000442	0.066715
69	486533.18	3855493.15	0.66283	0.44358	0.81926	0.36557	6.01E-02	0.00188	1.5E-05	0.00085	0.06281	7.58E-02	0.002369	1.3E-05	0.000494	7.87E-02	0.074734	0.002037	1.06E-05	0.000525	0.077307
70	486583.18	3855493.15	0.63965	0.43173	0.78905	0.35415	5.80E-02	0.00183	1.5E-05	0.00082	0.06063	7.32E-02	0.002305	1.25E-05	0.000479	7.60E-02	0.07212	0.001983	1.02E-05	0.000509	0.074622
71	486633.18	3855493.15	0.61691	0.41995	0.75941	0.34295	5.59E-02	0.00178	1.4E-05	0.00079	0.05849	7.06E-02	0.002242	1.21E-05	0.000464	7.33E-02	0.069556	0.001929	9.86E-06	0.000492	0.071987
72	486683.18	3855493.15	0.59585	0.40876	0.73196	0.33258	5.40E-02	0.00173	1.4E-05	0.00077	0.05651	6.82E-02	0.002183	1.16E-05	0.00045	7.08E-02	0.067182	0.001877	9.5E-06	0.000478	0.069546
73	486533.18	3855543.15	0.69812	0.4253	0.87411	0.39733	6.33E-02	0.0018	1.6E-05	0.00092	0.066	7.98E-02	0.002271	1.39E-05	0.000537	8.27E-02	0.078713	0.001953	1.13E-05	0.000571	0.081248
74	486583.18	3855543.15	0.66797	0.41258	0.8343	0.382	6.05E-02	0.00175	1.6E-05	0.00088	0.06318	7.64E-02	0.002203	1.33E-05	0.000517	7.91E-02	0.075313	0.001895	1.08E-05	0.000549	0.077768
75	486633.18	3855543.15	0.64501	0.40286	0.80407	0.37002	5.85E-02	0.0017	1.5E-05	0.00086	0.06103	7.38E-02	0.002151	1.28E-05	0.0005	7.64E-02	0.072725	0.00185	1.04E-05	0.000531	0.075117
76	486683.18	3855543.15	0.61786	0.39084	0.76827	0.35621	5.60E-02	0.00165	1.4E-05	0.00083	0.05848	7.07E-02	0.002087	1.22E-05	0.000482	7.33E-02	0.069664	0.001795	9.97E-06	0.000512	0.07198
77	486533.18	3855593.15	0.73195	0.40505	0.92674	0.42869	6.63E-02	0.00171	1.7E-05	0.00099	0.06905	8.37E-02	0.002163	1.47E-05	0.00058	8.65E-02	0.082527	0.00186	1.2E-05	0.000616	0.085015
78	486583.18	3855593.15	0.70175	0.3945	0.88655	0.41255	6.36E-02	0.00167	1.7E-05	0.00096	0.06624	8.03E-02	0.002106	1.41E-05	0.000558	8.29E-02	0.079122	0.001812	1.15E-05	0.000592	0.081538
79	486633.18	3855593.15	0.67493	0.38511	0.8509	0.39809	6.12E-02	0.00163	1.6E-05	0.00092	0.06373	7.72E-02	0.002056	1.35E-05	0.000538	7.98E-02	0.076098	0.001769	1.1E-05	0.000572	0.078449
80	486683.18	3855593.15	0.65239	0.37722	0.82095	0.38573	5.91E-02	0.0016	1.5E-05	0.00089	0.06163	7.46E-02	0.002014	1.3E-05	0.000522	7.72E-02	0.073557	0.001732	1.07E-05	0.000554	0.075854
81	486533.18	3855643.15	0.76909	0.38566	0.98351	0.46167	6.97E-02	0.00163	1.8E-05	0.00107	0.07242	8.80E-02	0.002059	1.56E-05	0.000624	9.07E-02	0.086715	0.001771	1.28E-05	0.000663	0.089161
82	486583.18	3855643.15	0.73786	0.37662	0.94165	0.44428	6.69E-02	0.00159	1.8E-05	0.00103	0.06951	8.44E-02	0.002011	1.5E-05	0.000601	8.70E-02	0.083193	0.00173	1.22E-05	0.000638	0.085573
83	486633.18	3855643.15	0.70865	0.36818	0.90254	0.42802	6.42E-02	0.00156	1.7E-05	0.00099	0.06679	8.11E-02	0.001966	1.43E-05	0.000579	8.36E-02	0.0799	0.001691	1.17E-05	0.000615	0.082217
84	486683.18	3855643.15	0.68273	0.36069	0.86783	0.41347	6.19E-02	0.00153	1.6E-05	0.00096	0.06437	7.81E-02	0.001926	1.38E-05	0.000559	8.06E-02	0.076978	0.001656	1.13E-05	0.000594	0.079239
85	486533.18	3855693.15	0.81277	0.36845	1.04876	0.49772	7.37E-02	0.00156	2E-05	0.00115	0.07639	9.30E-02	0.001967	1.67E-05	0.000673	9.56E-02	0.09164	0.001692	1.36E-05	0.000715	0.09406
86	486583.18	3855693.15	0.77305	0.35854	0.99519	0.47544	7.01E-02	0.00152	1.9E-05	0.0011	0.07269	8.84E-02	0.001914	1.58E-05	0.000643	9.10E-02	0.087161	0.001647	1.29E-05	0.000683	0.089503
87	486633.18	3855693.15	0.73544	0.34901	0.9445	0.4545	6.66E-02	0.00148	1.8E-05	0.00105	0.06919	8.41E-02	0.001864	1.5E-05	0.000615	8.66E-02	0.082921	0.001603	1.23E-05	0.000653	0.085188
88	486683.18	3855693.15	0.71455	0.34456	0.91639	0.44182	6.48E-02	0.00146	1.7E-05	0.00102	0.06725	8.17E-02	0.00184	1.46E-05	0.000597	8.42E-02	0.080565	0.001582	1.19E-05	0.000634	0.082794
89	486733.18	3855693.15	0.70028	0.34217	0.89717	0.43268	6.35E-02	0.00145	1.7E-05	0.001	0.06593	8.01E-02	0.001827	1.43E-05	0.000585	8.25E-02	0.078956	0.001571	1.16E-05	0.000621	0.081161
90	486783.18	3855693.15	0.68935	0.3406	0.88246	0.42568	6.25E-02	0.00144	1.7E-05	0.00099	0.06491	7.88E-02	0.001819	1.4E-05	0.000576	8.13E-02	0.077724	0.001564	1.15E-05	0.000611	0.079911
91	486533.18	3855743.15	0.85521	0.35158	1.11199	0.53278	7.75E-02	0.00149	2.1E-05	0.00123	0.08024	9.78E-02	0.001877	1.77E-05	0.00072	1.00E-01	0.096425	0.001615	1.44E-05	0.000765	0.098819
92	486583.18	3855743.15	0.80716	0.34104	1.04686	0.5057	7.31E-02	0.00144	2E-05	0.00117	0.07578	9.23E-02	0.001821	1.66E-05	0.000684	9.48E-02	0.091007	0.001566	1.36E-05	0.000726	0.093313
93	486633.18	3855743.15	0.77205	0.33363	0.99936	0.4854	7.00E-02	0.00141	1.9E-05	0.00112	0.07252	8.83E-02	0.001781	1.59E-05	0.000656	9.08E-02	0.087048	0.001532	1.3E-05	0.000697	0.089291
94	486683.18	3855743.15	0.75345	0.33086	0.97425	0.47346	6.83E-02	0.0014	1.8E-05	0.0011	0.07079	8.62E-02	0.001767	1.55E-05	0.00064	8.86E-02	0.084951	0.001519	1.26E-05	0.00068	0.087163
95	486733.18	3855743.15	0.7311	0.32701	0.94397	0.45988	6.63E-02	0.00138	1.8E-05	0.00107	0.06872	8.36E-02	0.001746	1.5E-05	0.000622	8.60E-02	0.082431	0.001502	1.23E-05	0.00066	0.084606
96	486783.18	3855743.15	0.72277	0.327	0.93272	0.45405	6.55E-02	0.00138	1.7E-05	0.00105	0.06795	8.27E-02	0.001746	1.48E-05	0.000614	8.50E-02	0.081492	0.001502	1.21E-05	0.000652	0.083658
97	486533.18	3855793.15	0.9021	0.33657	1.18095	0.56957	8.18E-02	0.00142	2.2E-05	0.00132	0.08452	1.03E-01	0.001797	1.88E-05	0.00077	1.06E-01	0.101711	0.001546	1.53E-05	0.000818	0.10409
98	486583.18	3855793.15	0.84056	0.32465	1.09714	0.53515	7.62E-02	0.00137	2.1E-05	0.00124	0.07881	9.61E-02	0.001733	1.74E-05	0.000724	9.86E-02	0.094773	0.001491	1.42E-05	0.000769	0.097047
99	486633.18	3855793.15	0.81777	0.32125	1.06634	0.52042	7.41E-02	0.00136	2E-05	0.00121	0.07669	9.35E-02	0.001715	1.69E-05	0.000704	9.60E-02	0.092203	0.001475	1.38E-05	0.000747	0.09444
100	486683.18	3855793.15	0.79762	0.31883	1.03904	0.50749	7.23E-02	0.00135	1.9E-05	0.00118	0.07483	9.12E-02	0.001702	1.65E-05	0.000686	9.36E-02	0.089931	0.001464	1.35E-05	0.000729	0.092138
101	486733.18	3855793.15	0.77534	0.31602	1.00876	0.49386	7.03E-02	0.00134	1.9E-05	0.00114	0.07276	8.87E-02	0.001687	1.6E-05	0.000668	9.11E-02	0.087419	0.001451	1.31E-05	0.000709	0.089593
102	486783.18	3855793.15	0.75642	0.31387	0.98306	0.48206	6.85E-02	0.00133	1.8E-05	0.00112	0.07101	8.65E-02	0.001676	1.56E-05	0.000652	8.89E-02	0.085286	0.001441	1.28E-05	0.000692	0.087433
103	486533.18	3855843.15	0.94333	0.32159	1.24172	0.60267	8.55E-02	0.00136	2.3E-05	0.0014	0.08827	1.08E-01	0.001717	1.97E-05	0.000815	1.10E-01	0.10636	0.001477	1.61E-05	0.000865	0.108719
104	486583.18	3855843.15	0.88776	0.31238	1.16597	0.57083	8.05E-02	0.00132	2.2E-05	0.00132	0.08312	1.02E-01	0.001668	1.85E-05	0.000772	1.04E-01	0.100095	0.001435	1.51E-05	0.00082	0.102364
105	486633.18	3855843.15	0.86336	0.30925	1.13293	0.55492	7.82E-02	0.00131	2.1E-05	0.00129	0.08085	9.87E-02	0.001651	1.8E-05	0.00075	1.01E-01	0.097344	0.00142	1.47E-05	0.000797	0.099575
106	486683.18	3855843.15	0.84081	0.30697	1.1023	0.54049	7.62E-02	0.0013	2.1E-05	0.00125	0.07877	9.62E-02	0.001639	1.75E-05	0.000731	9.86E-02	0.094801	0.00141	1.43E-05	0.000776	0.097001
107	486733.18	3855843.15	0.81926	0.30516	1.07299	0.52702	7.42E-02	0.00129	2E-05	0.00122	0.07677	9.37E-02	0.001629	1.71E-05	0.000713	9.61E-02	0.092371	0.001401	1.39E-05	0.000757	0.094543
108	486783.18	3855843.15	0.79719	0.30313	1.04292	0.5135	7.22E-02	0.00128	2E-05	0.00119	0.07473	9.12E-02	0.001619	1.66E-05	0.000694	9.35E-02	0.089883	0.001392	1.35E-05	0.000737	0.092026
109	486533.18	3855893.15	0.97509	0.30667	1.28896	0.63058	8.84E-02	0.0013	2.4E-05	0.00146	0.09115	1.12E-01	0.001637	2.05E-05	0.000853	1.14E-01	0.109941	0.001408	1.67E-05	0.000906	0.112272
110	486583.18	3855893.15	0.94334	0.30239	1.24608	0.61011	8.55E-02	0.00128	2.3E-05	0.00141	0.0882	1.08E-01	0.001615	1.98E-05	0.000825	1.10E-01	0.106361	0.001389	1.62E-05	0.000876	0.108642
111	486633.18	3855893.15	0.91264	0.29863	1.20439	0.5907	8.27E-02	0.00126	2.3E-05	0.00137	0.08536	1.04E-01	0.001595	1.91E-05	0.000799	1.07E-01	0.1029	0.001371	1.56E-05	0.000848	0.105135
112	486683.18	3855893.15	0.88732	0.29635	1.16996	0.57458	8.04E-02	0.00125	2.2E-05	0.00133	0.08302	1.01E-01	0.001582	1.86E-05	0.000777	1.04E-01	0.100045	0.001361	1.52E-05	0.000825	0.102246
113	486733.18	3855893.15	0.86339	0.29472	1.13735	0.55968	7.82E-02	0.00125	2.1E-05	0.0013	0.08081	9.88E-02	0.001574	1.81E-05	0.000757	1.01E-01	0.097347	0.001353	1.48E-05	0.000804	0.099519
114	486783.18	3855893.15	0.84305	0.29387	1.1096	0.54726	7.64E-02	0.00124	2.1E-05	0.00127	0.07893	9.64E-02	0.001569	1.76E-05	0.00074	9.88E-02	0.095054	0.00135	1.44E-05	0.000786	0.097203
115	486533.18	3855943.15	1.02985	0.29673	1.36752	0.66942	9.33E-02	0.00126	2.6E-05	0.00155	0.09616	1.18E-01	0.001584	2.17E-05	0.000905	1.20E-01	0.116115	0.001363	1.78E-05	0.000961	0.118457
116	486583.18	3855943.15	1.00456	0.29398	1.33374	0.65162	9.10E-02	0.00124	2.5E-05	0.00151	0.09381	1.15E-01	0.00157	2.12E-05	0.000881	1.17E-01	0.113264	0.00135	1.73E-05	0.000936	0.115567
117	486633.18	3855943.15	0.96696	0.28968	1.28258	0.62834	8.76E-02	0.00123	2.4E-05	0.00146	0.09033	1.11E-01	0.001547	2.04E-05	0.00085	1.13E-01	0.109024	0.00133	1.66E-05	0.000902	0.111274
118	486683.18	3855943.15	0.9417	0.28776	1.24827	0.61218	8.53E-02	0.00122	2.3E-05	0.00142	0.088	1.08E-01	0.001537	1.98E-05	0.000828	1.10E-01	0.106176	0.001322	1.62E-05	0.000879	0.108393

119	486733.18	3855943.15	0.91178	0.28566	1.20738	0.59386	8.26E-02	0.00121	2.3E-05	0.00138	0.08523	1.04E-01	0.001525	1.92E-05	0.000803	1.07E-01	0.102803	0.001312	1.57E-05	0.000853	0.104983
120	486783.18	3855943.15	0.89023	0.28522	1.17794	0.58094	8.07E-02	0.00121	2.2E-05	0.00135	0.08325	1.02E-01	0.001523	1.87E-05	0.000785	1.04E-01	0.100373	0.00131	1.53E-05	0.000834	0.102533
121	486533.18	3855993.15	1.10064	0.28946	1.46784	0.71534	9.97E-02	0.00122	2.7E-05	0.00166	0.10265	1.26E-01	0.001546	2.33E-05	0.000967	1.28E-01	0.124097	0.001329	1.91E-05	0.001027	0.126472
122	486583.18	3855993.15	1.06359	0.2858	1.41803	0.69119	9.64E-02	0.00121	2.7E-05	0.0016	0.09922	1.22E-01	0.001526	2.25E-05	0.000935	1.24E-01	0.119919	0.001312	1.84E-05	0.000993	0.122243
123	486633.18	3855993.15	1.02734	0.28227	1.36887	0.66826	9.31E-02	0.00119	2.6E-05	0.00155	0.09587	1.18E-01	0.001507	2.18E-05	0.000904	1.20E-01	0.115832	0.001296	1.78E-05	0.00096	0.118106
124	486683.18	3855993.15	0.99819	0.28015	1.32925	0.6499	9.05E-02	0.00119	2.5E-05	0.00151	0.09317	1.14E-01	0.001496	2.11E-05	0.000879	1.17E-01	0.112546	0.001287	1.73E-05	0.000933	0.114783
125	486733.18	3855993.15	0.96638	0.2783	1.28573	0.63058	8.76E-02	0.00118	2.4E-05	0.00146	0.09024	1.11E-01	0.001486	2.04E-05	0.000853	1.13E-01	0.108959	0.001278	1.67E-05	0.000906	0.111159
126	486783.18	3855993.15	0.93907	0.27745	1.24834	0.61439	8.51E-02	0.00117	2.3E-05	0.00142	0.08772	1.07E-01	0.001481	1.98E-05	0.000831	1.10E-01	0.10588	0.001274	1.62E-05	0.000882	0.108052
127	486533.18	3856043.15	1.17659	0.28269	1.57453	0.76292	1.07E-01	0.0012	2.9E-05	0.00177	0.10962	1.35E-01	0.001509	2.5E-05	0.001032	1.37E-01	0.13266	0.001298	2.04E-05	0.001096	0.135074
128	486583.18	3856043.15	1.13813	0.27988	1.52315	0.7375	1.03E-01	0.00118	2.9E-05	0.00171	0.10606	1.30E-01	0.001494	2.42E-05	0.000997	1.33E-01	0.128324	0.001285	1.98E-05	0.001059	0.130688
129	486633.18	3856043.15	1.09406	0.2761	1.46345	0.71029	9.91E-02	0.00117	2.7E-05	0.00165	0.10199	1.25E-01	0.001474	2.33E-05	0.00096	1.28E-01	0.123355	0.001268	1.9E-05	0.00102	0.125662
130	486683.18	3856043.15	1.0623	0.27407	1.42039	0.69057	9.63E-02	0.00116	2.7E-05	0.0016	0.09905	1.22E-01	0.001463	2.26E-05	0.000934	1.24E-01	0.119774	0.001259	1.84E-05	0.000992	0.122043
131	486733.18	3856043.15	1.02468	0.27199	1.36888	0.66805	9.29E-02	0.00115	2.6E-05	0.00155	0.09558	1.17E-01	0.001452	2.18E-05	0.000903	1.20E-01	0.115532	0.001249	1.78E-05	0.000959	0.117759
132	486783.18	3856043.15	0.99806	0.27183	1.33204	0.65276	9.04E-02	0.00115	2.5E-05	0.00151	0.09313	1.14E-01	0.001451	2.12E-05	0.000883	1.17E-01	0.112531	0.001248	1.73E-05	0.000937	0.114734
133	486533.18	3856093.15	1.27162	0.27683	1.7049	0.81764	1.15E-01	0.00117	3.2E-05	0.00189	0.11833	1.45E-01	0.001478	2.71E-05	0.001106	1.48E-01	0.143375	0.001271	2.21E-05	0.001174	0.145842
134	486583.18	3856093.15	1.22038	0.27421	1.63661	0.78558	1.11E-01	0.00116	3.1E-05	0.00182	0.1136	1.40E-01	0.001464	2.6E-05	0.001062	1.42E-01	0.137597	0.001259	2.12E-05	0.001128	0.140006
135	486633.18	3856093.15	1.17236	0.27124	1.57214	0.75631	1.06E-01	0.00115	2.9E-05	0.00175	0.10917	1.34E-01	0.001448	2.5E-05	0.001023	1.37E-01	0.132183	0.001246	2.04E-05	0.001086	0.134535
136	486683.18	3856093.15	1.13316	0.26905	1.519	0.73272	1.03E-01	0.00114	2.8E-05	0.0017	0.10555	1.30E-01	0.001437	2.41E-05	0.000991	1.32E-01	0.127763	0.001236	1.97E-05	0.001052	0.130071
137	486733.18	3856093.15	1.09252	0.26721	1.46374	0.70908	9.90E-02	0.00113	2.7E-05	0.00164	0.10181	1.25E-01	0.001427	2.33E-05	0.000959	1.27E-01	0.123181	0.001227	1.9E-05	0.001018	0.125446
138	486783.18	3856093.15	1.05896	0.26676	1.41773	0.69029	9.60E-02	0.00113	2.7E-05	0.0016	0.09872	1.21E-01	0.001424	2.25E-05	0.000933	1.24E-01	0.119397	0.001225	1.84E-05	0.000991	0.121632
139	486533.18	3856143.15	1.37796	0.27069	1.84731	0.87456	1.25E-01	0.00115	3.5E-05	0.00203	0.12808	1.58E-01	0.001445	2.94E-05	0.001183	1.60E-01	0.155365	0.001243	2.4E-05	0.001256	0.157888
140	486583.18	3856143.15	1.31209	0.26857	1.76064	0.8355	1.19E-01	0.00114	3.3E-05	0.00194	0.12201	1.50E-01	0.001434	2.8E-05	0.00113	1.53E-01	0.147938	0.001233	2.29E-05	0.0012	0.150394
141	486633.18	3856143.15	1.26121	0.2667	1.69398	0.80528	1.14E-01	0.00113	3.2E-05	0.00187	0.11732	1.44E-01	0.001424	2.69E-05	0.001089	1.47E-01	0.142201	0.001225	2.2E-05	0.001156	0.144604
142	486683.18	3856143.15	1.21235	0.26469	1.62847	0.77713	1.10E-01	0.00112	3E-05	0.0018	0.11282	1.39E-01	0.001413	2.59E-05	0.001051	1.41E-01	0.136692	0.001216	2.11E-05	0.001116	0.139045
143	486733.18	3856143.15	1.1672	0.26335	1.56757	0.75191	1.06E-01	0.00111	2.9E-05	0.00174	0.10866	1.34E-01	0.001406	2.49E-05	0.001017	1.36E-01	0.131601	0.001209	2.03E-05	0.00108	0.133911
144	486783.18	3856143.15	1.13286	0.26359	1.52066	0.73417	1.03E-01	0.00112	2.8E-05	0.0017	0.10551	1.30E-01	0.001407	2.42E-05	0.000993	1.32E-01	0.12773	0.001211	1.97E-05	0.001054	0.130014
145	486533.18	3856193.15	1.5127	0.26545	2.02471	0.94024	1.37E-01	0.00112	3.8E-05	0.00218	0.14042	1.73E-01	0.001417	3.22E-05	0.001271	1.76E-01	0.170556	0.001219	2.63E-05	0.00135	0.173152
146	486583.18	3856193.15	1.42567	0.26395	1.91362	0.89298	1.29E-01	0.00112	3.6E-05	0.00207	0.13242	1.63E-01	0.001409	3.04E-05	0.001207	1.66E-01	0.160744	0.001212	2.48E-05	0.001282	0.163263
147	486633.18	3856193.15	1.36299	0.2627	1.83206	0.85782	1.24E-01	0.00111	3.4E-05	0.00199	0.12665	1.56E-01	0.001403	2.91E-05	0.00116	1.58E-01	0.153677	0.001206	2.38E-05	0.001232	0.156139
148	486683.18	3856193.15	1.31067	0.26168	1.76359	0.82998	1.19E-01	0.00111	3.3E-05	0.00192	0.12184	1.50E-01	0.001397	2.8E-05	0.001122	1.52E-01	0.147778	0.001202	2.29E-05	0.001192	0.150194
149	486733.18	3856193.15	1.25355	0.26032	1.68731	0.79963	1.14E-01	0.0011	3.2E-05	0.00185	0.11658	1.43E-01	0.00139	2.68E-05	0.001081	1.46E-01	0.141337	0.001195	2.19E-05	0.001148	0.143703
150	486783.18	3856193.15	1.21097	0.26086	1.62983	0.77931	1.10E-01	0.0011	3.1E-05	0.00181	0.11268	1.39E-01	0.001393	2.59E-05	0.001054	1.41E-01	0.136536	0.001198	2.12E-05	0.001119	0.138875
151	486533.18	3856243.15	1.66729	0.26085	2.22771	1.01157	1.51E-01	0.0011	4.2E-05	0.00234	0.15458	1.91E-01	0.001393	3.54E-05	0.001368	1.93E-01	0.187986	0.001198	2.89E-05	0.001453	0.190666
152	486583.18	3856243.15	1.56816	0.2605	2.10341	0.96086	1.42E-01	0.0011	3.9E-05	0.00223	0.14548	1.79E-01	0.001391	3.34E-05	0.001299	1.82E-01	0.17681	0.001196	2.73E-05	0.00138	0.179413
153	486633.18	3856243.15	1.48395	0.25977	1.99557	0.91771	1.34E-01	0.0011	3.7E-05	0.00213	0.13774	1.70E-01	0.001387	3.17E-05	0.001241	1.72E-01	0.167315	0.001193	2.59E-05	0.001318	0.169852
154	486683.18	3856243.15	1.41293	0.25887	1.90415	0.8824	1.28E-01	0.0011	3.6E-05	0.00204	0.13122	1.62E-01	0.001382	3.03E-05	0.001193	1.64E-01	0.159307	0.001189	2.47E-05	0.001267	0.161788
155	486733.18	3856243.15	1.3529	0.25835	1.82395	0.85341	1.23E-01	0.00109	3.4E-05	0.00198	0.12571	1.55E-01	0.001379	2.9E-05	0.001154	1.57E-01	0.152539	0.001186	2.37E-05	0.001226	0.154975
156	486783.18	3856243.15	1.29429	0.2584	1.74539	0.82513	1.17E-01	0.00109	3.3E-05	0.00191	0.12033	1.48E-01	0.00138	2.77E-05	0.001116	1.51E-01	0.145931	0.001187	2.27E-05	0.001185	0.148325
157	486533.18	3856293.15	1.86056	0.25851	2.47688	1.09562	1.69E-01	0.00109	4.6E-05	0.00254	0.17229	2.13E-01	0.00138	3.94E-05	0.001481	2.16E-01	0.209778	0.001187	3.22E-05	0.001573	0.21257
158	486583.18	3856293.15	1.72979	0.25805	2.31601	1.03441	1.57E-01	0.00109	4.3E-05	0.0024	0.16029	1.98E-01	0.001378	3.68E-05	0.001399	2.01E-01	0.195033	0.001185	3.01E-05	0.001485	0.197734
159	486633.18	3856293.15	1.62397	0.25779	2.18282	0.98447	1.47E-01	0.00109	4.1E-05	0.00228	0.15058	1.86E-01	0.001376	3.47E-05	0.001331	1.88E-01	0.183102	0.001184	2.83E-05	0.001414	0.185728
160	486683.18	3856293.15	1.53492	0.25735	2.06817	0.94249	1.39E-01	0.00109	3.9E-05	0.00218	0.14241	1.76E-01	0.001374	3.29E-05	0.001274	1.78E-01	0.173062	0.001182	2.68E-05	0.001353	0.175624
161	486733.18	3856293.15	1.46151	0.25735	1.97371	0.91038	1.32E-01	0.00109	3.7E-05	0.00211	0.13568	1.67E-01	0.001374	3.14E-05	0.001231	1.70E-01	0.164785	0.001182	2.56E-05	0.001307	0.1673
162	486783.18	3856293.15	1.39068	0.25735	1.87902	0.87753	1.26E-01	0.00109	3.5E-05	0.00203	0.12918	1.59E-01	0.001374	2.99E-05	0.001187	1.62E-01	0.156799	0.001182	2.44E-05	0.00126	0.159265
163	486783.18	3856343.15	1.50292	0.25921	2.03291	0.93926	1.36E-01	0.0011	3.8E-05	0.00218	0.13951	1.72E-01	0.001384	3.23E-05	0.00127	1.75E-01	0.169454	0.00119	2.64E-05	0.001349	0.172019
164	486833.18	3856343.15	1.42805	0.26024	1.93232	0.90798	1.29E-01	0.0011	3.6E-05	0.0021	0.13265	1.63E-01	0.00139	3.07E-05	0.001228	1.66E-01	0.161012	0.001195	2.51E-05	0.001304	0.163536
165	486883.18	3856343.15	1.36154	0.26209	1.84161	0.88081	1.23E-01	0.00111	3.4E-05	0.00204	0.12657	1.56E-01	0.001399	2.93E-05	0.001191	1.58E-01	0.153513	0.001204	2.39E-05	0.001265	0.156006
166	486783.18	3856393.15	1.62289	0.26106	2.19535	0.99939	1.47E-01	0.0011	4.1E-05	0.00231	0.15053	1.86E-01	0.001394	3.49E-05	0.001351	1.88E-01	0.18298	0.001199	2.85E-05	0.001435	0.185643
167	486833.18	3856393.15	1.53358	0.26203	2.07621	0.96428	1.39E-01	0.00111	3.9E-05	0.00223	0.14236	1.75E-01	0.001399	3.3E-05	0.001304	1.78E-01	0.172911	0.001203	2.7E-05	0.001385	0.175526
168	486883.18	3856393.15	1.45215	0.26351	1.96664	0.92933	1.32E-01	0.00111	3.7E-05	0.00215	0.1349	1.66E-01	0.001407	3.13E-05	0.001257	1.69E-01	0.163729	0.00121	2.55E-05	0.001335	0.1663
169	487208.74	3856886.11	1.9199	0.605	2.61448	1.38258	1.74E-01	0.00256	4.9E-05	0.0032	0.1798	2.20E-01	0.00323	4.16E-05	0.001869	2.25E-01	0.216468	0.002778	3.39E-05	0.001985	0.221266
170	487258.74	3856886.11	1.75764	0.62461	2.41907	1.32115	1.59E-01	0.00264	4.5E-05	0.00306	0.16503	2.01E-01	0.003335	3.84E-05	0.001786	2.06E-01	0.198173	0.002868	3.14E-05	0.001897	0.20297
171	487308.74	3856886.11	1.61913	0.65014	2.25108	1.26972	1.47E-01	0.00275	4.2E-05	0.00294	0.15246	1.85E-01	0.003471	3.58E-05	0.001717	1.90E-01	0.182556	0.002986	2.92E-05	0.001823	0.187395
172	487358.74	3856886.11	1.50269	0.68444	2.10661	1.22042	1.36E-01	0.0029	3.9E-05	0.00283	0.14194	1.72E-01	0.003655	3.35E-05	0.00165	1.77E-01	0.169428	0.003143	2.73E-05	0.001753	0.174351
173	487208.74	3856936.11	2.02935	0.79175	2.85054	1.4929	1.84E-01	0.00335	5.3E-05	0.00346	0.19076	2.32E-01	0.004228	4.53E-05	0.002019	2.38E-01	0.228809	0.003636	3.7E-05	0.002144	0.234625
174	487258.74	3856936.11	1.82141	0.83716	2.60861	1.41892	1.65E-01	0.00354	4.9E-05	0.00329	0.17194	2.08E-01	0.00447	4.15E-05	0.001919	2.15E-01	0.205363	0.003845	3.39E-05	0.002038	0.211279
175	487308.74	3856936.11	1.65637	0.89299	2.40337	1.35904	1.50E-01	0.00378	4.5E-05	0.00315	0.15707	1.89E-01	0.004768	3.82E-05	0.001838	1.96E-01	0.186755	0.004101	3.12E-05	0.001952	0.192839
176	487358.74	3856936.11	1.52459	0.95378	2.22833	1.30435	1.38E-01	0.00403	4.2E-05	0.00302	0.14526	1.74E-01	0.005093	3.54E-05	0.001764	1.81E-01	0.171897	0.00438	2.89E-05	0.001873	0.178179
177	487208.74	3856986.11	2.00483	1.19506	3.15053	1.62491	1.82E-01	0.00506	5.9E-05	0.00376	0.19056	2.29E-01	0.006381	5.01E-05	0.002197	2.38E-01	0.226044	0.005488	4.09E-05	0.002333	0.233906
178	487258.74	3856986.11	1.79144	1.29579	2.82747	1.54009	1.62E-01	0.00548	5.3E-05	0.00357	0.17145	2.05E-01	0.006919	4.49E-05	0.002082	2.14E-01	0.201984	0.005951	3.67E-05	0.002212	0.210183
179	487308.74	3856986.11	1.63373	1.38969	2.57297	1.45911	1.48E-01	0.00588	4.8E-05	0.00338	0.15736	1.87E-01	0.00742	4.09E-05	0.001973	1.96E-01	0.184202	0.006382	3.34E-05	0.002095	0.192713

180	487358.74	3856986.11	1.50368	1.45808	2.35237	1.40014	1.36E-01	0.00617	4.4E-05	0.00324	0.14572	1.72E-01	0.007785	3.74E-05	0.001893	1.82E-01	0.169539	0.006696	3.05E-05	0.002011	0.178277
181	487208.74	3857036.11	1.84208	2.33351	3.53725	1.78843	1.67E-01	0.00987	6.6E-05	0.00414	0.18101	2.11E-01	0.01246	5.62E-05	0.002418	2.26E-01	0.207694	0.010716	4.59E-05	0.002568	0.221024
182	487258.74	3857036.11	1.68893	2.3758	3.08662	1.67152	1.53E-01	0.01005	5.8E-05	0.00387	0.16703	1.93E-01	0.012686	4.91E-05	0.00226	2.08E-01	0.190426	0.010911	4.01E-05	0.0024	0.203777
183	487308.74	3857036.11	1.56035	2.37316	2.73849	1.58434	1.41E-01	0.01004	5.1E-05	0.00367	0.15516	1.78E-01	0.012672	4.35E-05	0.002142	1.93E-01	0.175929	0.010898	3.55E-05	0.002275	0.189138
184	487358.74	3857036.11	1.45347	2.35281	2.46603	1.50819	1.32E-01	0.00995	4.6E-05	0.00349	0.14521	1.66E-01	0.012563	3.92E-05	0.002039	1.81E-01	0.163878	0.010805	3.2E-05	0.002166	0.176881
185	487427.14	3856878.23	1.36162	0.70571	1.91537	1.16232	1.23E-01	0.00299	3.6E-05	0.00269	0.12911	1.56E-01	0.003768	3.04E-05	0.001572	1.61E-01	0.153522	0.003241	2.49E-05	0.001669	0.158457
186	487477.14	3856878.23	1.27945	0.74691	1.80554	1.12961	1.16E-01	0.00316	3.4E-05	0.00262	0.12176	1.46E-01	0.003988	2.87E-05	0.001527	1.52E-01	0.144258	0.00343	2.34E-05	0.001622	0.149333
187	487527.14	3856878.23	1.20788	0.78796	1.70695	1.09738	1.09E-01	0.00333	3.2E-05	0.00254	0.11537	1.38E-01	0.004207	2.71E-05	0.001484	1.44E-01	0.136188	0.003619	2.22E-05	0.001576	0.141405
188	487427.14	3856928.23	1.3776	0.97419	2.00575	1.2345	1.25E-01	0.00412	3.8E-05	0.00286	0.13186	1.58E-01	0.005202	3.19E-05	0.001669	1.64E-01	0.155324	0.004474	2.6E-05	0.001773	0.161597
189	487477.14	3856928.23	1.29181	1.02659	1.88045	1.19147	1.17E-01	0.00434	3.5E-05	0.00276	0.1242	1.48E-01	0.005481	2.99E-05	0.001611	1.55E-01	0.145651	0.004714	2.44E-05	0.001711	0.152101
190	487527.14	3856928.23	1.21629	1.07051	1.76632	1.15761	1.10E-01	0.00453	3.3E-05	0.00268	0.11747	1.39E-01	0.005716	2.81E-05	0.001565	1.46E-01	0.137136	0.004916	2.29E-05	0.001662	0.143738
191	487577.14	3856928.23	1.15041	1.10679	1.66412	1.12598	1.04E-01	0.00468	3.1E-05	0.00261	0.11157	1.32E-01	0.00591	2.64E-05	0.001522	1.39E-01	0.129708	0.005083	2.16E-05	0.001617	0.13643
192	487627.14	3856928.23	1.09336	1.13754	1.5737	1.09128	9.91E-02	0.00481	2.9E-05	0.00253	0.10645	1.25E-01	0.006074	2.5E-05	0.001476	1.33E-01	0.123276	0.005224	2.04E-05	0.001567	0.130088
193	487677.14	3856928.23	1.04111	1.15832	1.48897	1.06753	9.43E-02	0.0049	2.8E-05	0.00247	0.10175	1.19E-01	0.006185	2.37E-05	0.001443	1.27E-01	0.117385	0.005319	1.93E-05	0.001533	0.124257
194	487727.14	3856928.23	0.99384	1.17215	1.41154	1.04642	9.01E-02	0.00496	2.6E-05	0.00242	0.09747	1.14E-01	0.006259	2.24E-05	0.001415	1.21E-01	0.112055	0.005383	1.83E-05	0.001503	0.118959
195	487777.14	3856928.23	0.95195	1.1818	1.3426	1.0209	8.63E-02	0.005	2.5E-05	0.00236	0.09366	1.09E-01	0.00631	2.13E-05	0.00138	1.17E-01	0.107332	0.005427	1.74E-05	0.001466	0.114243
196	487427.14	3856978.23	1.36862	1.43304	2.0947	1.31002	1.24E-01	0.00606	3.9E-05	0.00303	0.13316	1.57E-01	0.007652	3.33E-05	0.001771	1.66E-01	0.154311	0.006581	2.72E-05	0.001881	0.162801
197	487477.14	3856978.23	1.28335	1.47112	1.94563	1.26674	1.16E-01	0.00622	3.6E-05	0.00293	0.12549	1.47E-01	0.007855	3.09E-05	0.001713	1.56E-01	0.144697	0.006756	2.53E-05	0.001819	0.153298
198	487527.14	3856978.23	1.20963	1.49753	1.81549	1.22747	1.10E-01	0.00634	3.4E-05	0.00284	0.11883	1.38E-01	0.007996	2.89E-05	0.00166	1.48E-01	0.136385	0.006877	2.36E-05	0.001763	0.145049
199	487577.14	3856978.23	1.14575	1.51432	1.70151	1.18979	1.04E-01	0.00641	3.2E-05	0.00276	0.11302	1.31E-01	0.008086	2.7E-05	0.001609	1.41E-01	0.129183	0.006954	2.21E-05	0.001709	0.137868
200	487627.14	3856978.23	1.09007	1.52487	1.6018	1.15024	9.88E-02	0.00645	3E-05	0.00266	0.10793	1.25E-01	0.008142	2.55E-05	0.001555	1.34E-01	0.122905	0.007003	2.08E-05	0.001652	0.13158
201	487677.14	3856978.23	1.03841	1.523	1.50936	1.12288	9.41E-02	0.00644	2.8E-05	0.0026	0.10318	1.19E-01	0.008132	2.4E-05	0.001518	1.28E-01	0.11708	0.006994	1.96E-05	0.001613	0.125707
202	487727.14	3856978.23	0.9952	1.5231	1.43137	1.08093	9.02E-02	0.00644	2.7E-05	0.0025	0.09916	1.14E-01	0.008133	2.27E-05	0.001462	1.23E-01	0.112208	0.006995	1.86E-05	0.001552	0.120774
203	487777.14	3856978.23	0.94989	1.49923	1.35132	1.07479	8.61E-02	0.00634	2.5E-05	0.00249	0.09494	1.09E-01	0.008005	2.15E-05	0.001453	1.18E-01	0.1071	0.006885	1.75E-05	0.001543	0.115546
204	487427.14	3857028.23	1.33754	2.16325	2.16382	1.4046	1.21E-01	0.00915	4.1E-05	0.00325	0.13366	1.53E-01	0.011551	3.44E-05	0.001899	1.66E-01	0.150807	0.009934	2.81E-05	0.002017	0.162787
205	487477.14	3857028.23	1.26073	2.13971	1.99355	1.35137	1.14E-01	0.00905	3.7E-05	0.00313	0.12647	1.44E-01	0.011425	3.17E-05	0.001827	1.57E-01	0.142147	0.009826	2.59E-05	0.001941	0.15394
206	487527.14	3857028.23	1.1937	2.11127	1.84908	1.30169	1.08E-01	0.00893	3.5E-05	0.00301	0.12016	1.37E-01	0.011273	2.94E-05	0.00176	1.50E-01	0.134589	0.009696	2.4E-05	0.001869	0.146178
207	487577.14	3857028.23	1.13351	2.07462	1.72279	1.26004	1.03E-01	0.00878	3.2E-05	0.00292	0.11445	1.30E-01	0.011077	2.74E-05	0.001704	1.42E-01	0.127803	0.009527	2.24E-05	0.001809	0.139162
208	487627.14	3857028.23	1.08122	2.04069	1.61544	1.21337	9.80E-02	0.00863	3E-05	0.00281	0.10946	1.24E-01	0.010896	2.57E-05	0.001641	1.36E-01	0.121907	0.009372	2.1E-05	0.001742	0.133042
209	487677.14	3857028.23	1.03231	1.99555	1.51751	1.18013	9.36E-02	0.00844	2.8E-05	0.00273	0.10475	1.18E-01	0.010655	2.41E-05	0.001596	1.30E-01	0.116393	0.009164	1.97E-05	0.001695	0.127271
210	487727.14	3857028.23	0.98696	1.94304	1.4284	1.15534	8.94E-02	0.00822	2.7E-05	0.00268	0.10036	1.13E-01	0.010375	2.27E-05	0.001562	1.25E-01	0.111279	0.008923	1.85E-05	0.001659	0.12188
211	487777.14	3857028.23	0.94679	1.89236	1.35033	1.1272	8.58E-02	0.00801	2.5E-05	0.00261	0.09644	1.08E-01	0.010104	2.15E-05	0.001524	1.20E-01	0.10675	0.00869	1.75E-05	0.001619	0.117077
212	487427.14	3857078.23	1.30488	3.21762	2.20617	1.50827	1.18E-01	0.01361	4.1E-05	0.00349	0.1354	1.49E-01	0.017181	3.51E-05	0.002039	1.69E-01	0.147125	0.014777	2.86E-05	0.002166	0.164096
213	487477.14	3857078.23	1.23774	3.06189	2.01783	1.44157	1.12E-01	0.01295	3.8E-05	0.00334	0.1285	1.42E-01	0.016349	3.21E-05	0.001949	1.60E-01	0.139555	0.014061	2.62E-05	0.00207	0.155712
214	487527.14	3857078.23	1.17629	2.91926	1.85865	1.38704	1.07E-01	0.01235	3.5E-05	0.00321	0.1222	1.35E-01	0.015587	2.95E-05	0.001875	1.52E-01	0.132626	0.013406	2.41E-05	0.001992	0.148049
215	487577.14	3857078.23	1.12118	2.79222	1.72446	1.33645	1.02E-01	0.01181	3.2E-05	0.0031	0.11654	1.28E-01	0.014909	2.74E-05	0.001807	1.45E-01	0.126413	0.012823	2.24E-05	0.001919	0.141177
216	487627.14	3857078.23	1.07155	2.6783	1.61017	1.28748	9.71E-02	0.01133	3E-05	0.00298	0.11145	1.23E-01	0.014301	2.56E-05	0.001741	1.39E-01	0.120817	0.0123	2.09E-05	0.001849	0.134986
217	487677.14	3857078.23	1.02539	2.56525	1.5084	1.24839	9.29E-02	0.01085	2.8E-05	0.00289	0.1067	1.17E-01	0.013697	2.4E-05	0.001688	1.33E-01	0.115612	0.011781	1.96E-05	0.001793	0.129205
218	487727.14	3857078.23	0.98259	2.45507	1.41784	1.21564	8.90E-02	0.01039	2.7E-05	0.00282	0.10227	1.12E-01	0.013109	2.25E-05	0.001644	1.27E-01	0.110787	0.011275	1.84E-05	0.001746	0.123825
219	487777.14	3857078.23	0.94447	2.35666	1.33947	1.17911	8.56E-02	0.00997	2.5E-05	0.00273	0.09832	1.08E-01	0.012583	2.13E-05	0.001594	1.22E-01	0.106489	0.010823	1.74E-05	0.001693	0.119022
220	487427.14	3857128.23	1.28589	4.56389	2.21549	1.62925	1.17E-01	0.01931	4.1E-05	0.00377	0.13965	1.47E-01	0.024369	3.52E-05	0.002203	1.74E-01	0.144984	0.020959	2.88E-05	0.00234	0.168311
221	487477.14	3857128.23	1.22448	4.20795	2.01439	1.54594	1.11E-01	0.0178	3.8E-05	0.00358	0.13239	1.40E-01	0.022468	3.2E-05	0.00209	1.65E-01	0.13806	0.019324	2.61E-05	0.00222	0.15963
222	487527.14	3857128.23	1.16805	3.91166	1.84912	1.47489	1.06E-01	0.01655	3.5E-05	0.00342	0.12585	1.34E-01	0.020886	2.94E-05	0.001994	1.57E-01	0.131697	0.017964	2.4E-05	0.002118	0.151803
223	487577.14	3857128.23	1.1151	3.65029	1.7086	1.41828	1.01E-01	0.01544	3.2E-05	0.00329	0.11981	1.28E-01	0.019491	2.72E-05	0.001918	1.49E-01	0.125727	0.016763	2.22E-05	0.002037	0.14455
224	487627.14	3857128.23	1.06643	3.42114	1.58909	1.36854	9.66E-02	0.01447	3E-05	0.00317	0.11431	1.22E-01	0.018267	2.53E-05	0.00185	1.42E-01	0.12024	0.015711	2.06E-05	0.001965	0.137937
225	487677.14	3857128.23	1.02289	3.22448	1.48809	1.31722	9.27E-02	0.01364	2.8E-05	0.00305	0.10942	1.17E-01	0.017217	2.37E-05	0.001781	1.36E-01	0.11533	0.014808	1.93E-05	0.001892	0.132049
226	487727.14	3857128.23	0.98071	3.03002	1.39511	1.28453	8.89E-02	0.01282	2.6E-05	0.00298	0.10469	1.12E-01	0.016179	2.22E-05	0.001737	1.30E-01	0.110575	0.013915	1.81E-05	0.001845	0.126352
227	487777.14	3857128.23	0.94369	2.8675	1.31692	1.24271	8.55E-02	0.01213	2.5E-05	0.00288	0.10055	1.08E-01	0.015311	2.09E-05	0.00168	1.25E-01	0.106401	0.013169	1.71E-05	0.001785	0.121371
228	488049.44	3856539.39	0.70623	0.35005	0.9384	0.67119	6.40E-02	0.00148	1.8E-05	0.00155	0.06705	8.08E-02	0.001869	1.49E-05	0.000908	8.36E-02	0.079627	0.001608	1.22E-05	0.000964	0.082211
229	488099.44	3856539.39	0.68742	0.35731	0.91233	0.65706	6.23E-02	0.00151	1.7E-05	0.00152	0.06535	7.86E-02	0.001908	1.45E-05	0.000888	8.14E-02	0.077506	0.001641	1.18E-05	0.000944	0.080103
230	488149.44	3856539.39	0.66922	0.36436	0.88691	0.64659	6.06E-02	0.00154	1.7E-05	0.0015	0.0637	7.65E-02	0.001946	1.41E-05	0.000874	7.94E-02	0.075454	0.001673	1.15E-05	0.000929	0.078068
231	488049.44	3856589.39	0.72026	0.39151	0.95946	0.69933	6.53E-02	0.00166	1.8E-05	0.00162	0.06857	8.24E-02	0.00209	1.52E-05	0.000946	8.54E-02	0.081209	0.001798	1.25E-05	0.001004	0.084024
232	488099.44	3856589.39	0.70031	0.39997	0.93159	0.68514	6.35E-02	0.00169	1.7E-05	0.00159	0.06676	8.01E-02	0.002136	1.48E-05	0.000926	8.32E-02	0.07896	0.001837	1.21E-05	0.000984	0.081793
233	488149.44	3856589.39	0.68132	0.40802	0.90479	0.67248	6.17E-02	0.00173	1.7E-05	0.00156	0.06504	7.79E-02	0.002179	1.44E-05	0.000909	8.10E-02	0.076819	0.001874	1.17E-05	0.000966	0.07967
234	488199.44	3856589.39	0.66334	0.41575	0.87947	0.65827	6.01E-02	0.00176	1.6E-05	0.00152	0.06341	7.59E-02	0.00222	1.4E-05	0.00089	7.90E-02	0.074791	0.001909	1.14E-05	0.000945	0.077657
235	488249.44	3856589.39	0.64543	0.42293	0.85393	0.65366	5.85E-02	0.00179	1.6E-05	0.00151	0.06181	7.38E-02	0.002258	1.36E-05	0.000884	7.70E-02	0.072772	0.001942	1.11E-05	0.000939	0.075664
236	488049.44	3856639.39	0.73335	0.44455	0.97984	0.72718	6.65E-02	0.00188	1.8E-05	0.00168	0.07004	8.39E-02	0.002374	1.56E-05	0.000983	8.73E-02	0.082685	0.002042	1.27E-05	0.001044	0.085783
237	488099.44	3856639.39	0.71237	0.45404	0.95012	0.71225	6.46E-02	0.00192	1.8E-05	0.00165	0.06814	8.15E-02	0.002424	1.51E-05	0.000963	8.49E-02	0.080319	0.002085	1.23E-05	0.001023	0.08344
238	488149.44	3856639.39	0.69241	0.4629	0.92172	0.69824	6.27E-02	0.00196	1.7E-05	0.00162	0.06634	7.92E-02	0.002472	1.46E-05	0.000944	8.26E-02	0.078069	0.002126	1.2E-05	0.001003	0.081209
239	488199.44	3856639.39	0.67314	0.47094	0.89411	0.68799	6.10E-02	0.00199	1.7E-05	0.00159	0.0646	7.70E-02	0.002515	1.42E-05	0.00093	8.05E-02	0.075896	0.002163	1.16E-05	0.000988	0.079059
240	488249.44	3856639.39	0.655	0.47858	0.86802	0.67678	5.94E-02	0.00202	1.6E-05	0.00157	0.06297	7.49E-02	0.002555	1.38E-05	0.000915	7.84E-02	0.073851	0.002198	1.13E-05	0.000972	0.077032

241	488299.44	3856639.39	0.63765	0.48559	0.84305	0.66629	5.78E-02	0.00205	1.6E-05	0.00154	0.0614	7.29E-02	0.002593	1.34E-05	0.000901	7.64E-02	0.071895	0.00223	1.09E-05	0.000957	0.075093
242	488349.44	3856639.39	0.62138	0.49212	0.81953	0.65393	5.63E-02	0.00208	1.5E-05	0.00151	0.05992	7.11E-02	0.002628	1.3E-05	0.000884	7.46E-02	0.07006	0.00226	1.06E-05	0.000939	0.07327
243	488399.44	3856639.39	0.60535	0.49724	0.79619	0.64726	5.49E-02	0.0021	1.5E-05	0.0015	0.05848	6.92E-02	0.002655	1.27E-05	0.000875	7.28E-02	0.068253	0.002284	1.03E-05	0.000929	0.071476
244	488099.44	3856689.39	0.72293	0.52206	0.96676	0.74242	6.55E-02	0.00221	1.8E-05	0.00172	0.06946	8.27E-02	0.002788	1.54E-05	0.001004	8.65E-02	0.08151	0.002397	1.25E-05	0.001066	0.084986
245	488149.44	3856689.39	0.7022	0.53137	0.93679	0.72672	6.36E-02	0.00225	1.8E-05	0.00168	0.06758	8.03E-02	0.002837	1.49E-05	0.000983	8.42E-02	0.079173	0.00244	1.22E-05	0.001044	0.082669
246	488199.44	3856689.39	0.6821	0.5394	0.90763	0.71515	6.18E-02	0.00228	1.7E-05	0.00166	0.06577	7.80E-02	0.00288	1.44E-05	0.000967	8.19E-02	0.076907	0.002477	1.18E-05	0.001027	0.080422
247	488249.44	3856689.39	0.66352	0.54707	0.88059	0.70041	6.01E-02	0.00231	1.6E-05	0.00162	0.06408	7.59E-02	0.002921	1.4E-05	0.000947	7.98E-02	0.074812	0.002512	1.14E-05	0.001006	0.078341
248	488299.44	3856689.39	0.64522	0.55295	0.85376	0.6922	5.85E-02	0.00234	1.6E-05	0.0016	0.06243	7.38E-02	0.002952	1.36E-05	0.000936	7.77E-02	0.072748	0.002539	1.11E-05	0.000994	0.076293
249	488349.44	3856689.39	0.62838	0.55853	0.8291	0.67918	5.69E-02	0.00236	1.6E-05	0.00157	0.0609	7.19E-02	0.002982	1.32E-05	0.000918	7.58E-02	0.07085	0.002565	1.08E-05	0.000975	0.074401
250	488399.44	3856689.39	0.61275	0.56355	0.8062	0.6627	5.55E-02	0.00238	1.5E-05	0.00153	0.05946	7.01E-02	0.003009	1.28E-05	0.000896	7.40E-02	0.069087	0.002588	1.05E-05	0.000952	0.072638
251	488099.44	3856739.39	0.73168	0.60721	0.98115	0.77509	6.63E-02	0.00257	1.8E-05	0.0018	0.07069	8.37E-02	0.003242	1.56E-05	0.001048	8.80E-02	0.082497	0.002789	1.27E-05	0.001113	0.086411
252	488149.44	3856739.39	0.71055	0.61651	0.95001	0.75571	6.44E-02	0.00261	1.8E-05	0.00175	0.06877	8.13E-02	0.003292	1.51E-05	0.001022	8.56E-02	0.080114	0.002831	1.23E-05	0.001085	0.084043
253	488199.44	3856739.39	0.68949	0.62304	0.91878	0.74556	6.25E-02	0.00264	1.7E-05	0.00173	0.06686	7.89E-02	0.003327	1.46E-05	0.001008	8.32E-02	0.07774	0.002861	1.19E-05	0.001071	0.081684
254	488249.44	3856739.39	0.67035	0.6295	0.89043	0.72951	6.07E-02	0.00266	1.7E-05	0.00169	0.06512	7.67E-02	0.003361	1.42E-05	0.000986	8.10E-02	0.075582	0.002891	1.16E-05	0.001048	0.079532
255	488299.44	3856739.39	0.65261	0.63534	0.86421	0.71006	5.91E-02	0.00269	1.6E-05	0.00164	0.06349	7.46E-02	0.003392	1.37E-05	0.00096	7.90E-02	0.073582	0.002918	1.12E-05	0.00102	0.07753
256	488349.44	3856739.39	0.63442	0.63725	0.83691	0.70431	5.75E-02	0.0027	1.6E-05	0.00163	0.06184	7.26E-02	0.003403	1.33E-05	0.000952	7.69E-02	0.071531	0.002926	1.09E-05	0.001011	0.075479
257	488399.44	3856739.39	0.61712	0.63786	0.81102	0.69755	5.59E-02	0.0027	1.5E-05	0.00162	0.06025	7.06E-02	0.003406	1.29E-05	0.000943	7.49E-02	0.06958	0.002929	1.05E-05	0.001002	0.073522
258	487999.44	3856789.39	0.78988	0.69796	1.06971	0.83095	7.16E-02	0.00295	2E-05	0.00192	0.07648	9.03E-02	0.003727	1.7E-05	0.001124	9.52E-02	0.089059	0.003205	1.39E-05	0.001193	0.093471
259	488049.44	3856789.39	0.7642	0.70727	1.03126	0.81492	6.93E-02	0.00299	1.9E-05	0.00189	0.07415	8.74E-02	0.003776	1.64E-05	0.001102	9.23E-02	0.086163	0.003248	1.34E-05	0.00117	0.090595
260	488099.44	3856789.39	0.73949	0.71397	0.99402	0.80406	6.70E-02	0.00302	1.9E-05	0.00186	0.07192	8.46E-02	0.003812	1.58E-05	0.001087	8.95E-02	0.083377	0.003279	1.29E-05	0.001155	0.087824
261	488149.44	3856789.39	0.71733	0.72079	0.96058	0.78631	6.50E-02	0.00305	1.8E-05	0.00182	0.06989	8.20E-02	0.003849	1.53E-05	0.001063	8.70E-02	0.080879	0.00331	1.25E-05	0.001129	0.08533
262	488199.44	3856789.39	0.69587	0.72506	0.92818	0.77294	6.31E-02	0.00307	1.7E-05	0.00179	0.06794	7.96E-02	0.003871	1.48E-05	0.001045	8.45E-02	0.078459	0.00333	1.2E-05	0.00111	0.082911
263	488249.44	3856789.39	0.67609	0.72836	0.89823	0.75704	6.13E-02	0.00308	1.7E-05	0.00175	0.06612	7.73E-02	0.003889	1.43E-05	0.001024	8.23E-02	0.076229	0.003345	1.17E-05	0.001087	0.080673
264	488299.44	3856789.39	0.65787	0.73072	0.87054	0.73852	5.96E-02	0.00309	1.6E-05	0.00171	0.06444	7.52E-02	0.003902	1.38E-05	0.000999	8.02E-02	0.074175	0.003356	1.13E-05	0.001061	0.078602
265	488349.44	3856789.39	0.63901	0.72841	0.84192	0.73215	5.79E-02	0.00308	1.6E-05	0.0017	0.0627	7.31E-02	0.003889	1.34E-05	0.00099	7.80E-02	0.072048	0.003345	1.09E-05	0.001051	0.076456
266	488399.44	3856789.39	0.62159	0.72537	0.8155	0.72218	5.63E-02	0.00307	1.5E-05	0.00167	0.06109	7.11E-02	0.003873	1.3E-05	0.000976	7.60E-02	0.070084	0.003331	1.06E-05	0.001037	0.074463
267	487949.44	3856839.39	0.8255	0.82925	1.12737	0.88097	7.48E-02	0.00351	2.1E-05	0.00204	0.08038	9.44E-02	0.004428	1.79E-05	0.001191	1.00E-01	0.093075	0.003808	1.46E-05	0.001265	0.098163
268	487999.44	3856839.39	0.7971	0.83687	1.08368	0.86382	7.22E-02	0.00354	2E-05	0.002	0.0778	9.12E-02	0.004468	1.72E-05	0.001168	9.68E-02	0.089873	0.003843	1.41E-05	0.00124	0.094971
269	488049.44	3856839.39	0.77067	0.84263	1.04295	0.84647	6.98E-02	0.00356	2E-05	0.00196	0.07538	8.81E-02	0.004499	1.66E-05	0.001145	9.38E-02	0.086893	0.00387	1.35E-05	0.001216	0.091992
270	488099.44	3856839.39	0.74559	0.84565	1.00418	0.83221	6.76E-02	0.00358	1.9E-05	0.00193	0.07309	8.53E-02	0.004515	1.6E-05	0.001125	9.09E-02	0.084065	0.003884	1.3E-05	0.001195	0.089157
271	488149.44	3856839.39	0.7222	0.84668	0.96801	0.81808	6.54E-02	0.00358	1.8E-05	0.00189	0.07094	8.26E-02	0.004521	1.54E-05	0.001106	8.82E-02	0.081428	0.003888	1.26E-05	0.001175	0.086503
272	488199.44	3856839.39	0.70034	0.84589	0.9341	0.80364	6.35E-02	0.00358	1.7E-05	0.00186	0.06892	8.01E-02	0.004517	1.48E-05	0.001087	8.57E-02	0.078963	0.003885	1.21E-05	0.001154	0.084014
273	487949.44	3856889.39	0.831	1.00964	1.14013	0.91371	7.53E-02	0.00427	2.1E-05	0.00212	0.08172	9.50E-02	0.005391	1.81E-05	0.001235	1.02E-01	0.093695	0.004637	1.48E-05	0.001312	0.099659
274	487999.44	3856889.39	0.80108	1.00823	1.09254	0.90131	7.26E-02	0.00427	2E-05	0.00209	0.07897	9.16E-02	0.005383	1.74E-05	0.001219	9.82E-02	0.090321	0.00463	1.42E-05	0.001294	0.09626
275	488049.44	3856889.39	0.77516	1.00863	1.05086	0.87797	7.02E-02	0.00427	2E-05	0.00203	0.07657	8.87E-02	0.005386	1.67E-05	0.001187	9.53E-02	0.087399	0.004632	1.36E-05	0.001261	0.093305
276	488099.44	3856889.39	0.74933	1.00285	1.00966	0.86537	6.79E-02	0.00424	1.9E-05	0.002	0.07417	8.57E-02	0.005355	1.6E-05	0.00117	9.22E-02	0.084487	0.004605	1.31E-05	0.001243	0.090348
277	488635.86	3857895.05	0.51727	0.59653	0.29114	1.26636	4.69E-02	0.00252	5.5E-06	0.00293	0.05234	5.92E-02	0.003185	4.63E-06	0.001712	6.41E-02	0.058322	0.002739	3.78E-06	0.001819	0.062884
278	489137.64	3857804.15	0.41085	0.57487	0.29907	0.79941	3.72E-02	0.00243	5.6E-06	0.00185	0.04152	4.70E-02	0.00307	4.75E-06	0.001081	5.11E-02	0.046323	0.00264	3.88E-06	0.001148	0.050115
279	488617.32	3857859.41	0.53247	0.6461	0.31199	1.30106	4.83E-02	0.00273	5.8E-06	0.00301	0.05401	6.09E-02	0.00345	4.96E-06	0.001759	6.61E-02	0.060036	0.002967	4.05E-06	0.001868	0.064875
280	488667.32	3857859.41	0.51583	0.63549	0.3094	1.22486	4.67E-02	0.00269	5.8E-06	0.00284	0.05228	5.90E-02	0.003393	4.92E-06	0.001656	6.41E-02	0.05816	0.002918	4.02E-06	0.001759	0.062841
281	488717.32	3857859.41	0.50039	0.62466	0.30665	1.15655	4.53E-02	0.00264	5.7E-06	0.00268	0.05067	5.72E-02	0.003335	4.87E-06	0.001564	6.21E-02	0.056419	0.002869	3.98E-06	0.001661	0.060952
282	488767.32	3857859.41	0.48547	0.61165	0.30295	1.09842	4.40E-02	0.00259	5.7E-06	0.00254	0.04913	5.55E-02	0.003266	4.81E-06	0.001485	6.03E-02	0.054737	0.002809	3.93E-06	0.001577	0.059127
283	488617.32	3857909.41	0.51991	0.58212	0.28403	1.29049	4.71E-02	0.00246	5.3E-06	0.00299	0.05257	5.95E-02	0.003108	4.51E-06	0.001745	6.43E-02	0.05862	0.002673	3.69E-06	0.001853	0.06315
284	488667.32	3857909.41	0.50358	0.5724	0.28194	1.21428	4.56E-02	0.00242	5.3E-06	0.00281	0.05087	5.76E-02	0.003056	4.48E-06	0.001642	6.23E-02	0.056778	0.002629	3.66E-06	0.001744	0.061155
285	488717.32	3857909.41	0.48946	0.56664	0.28137	1.13854	4.44E-02	0.0024	5.3E-06	0.00264	0.0494	5.60E-02	0.003026	4.47E-06	0.001539	6.06E-02	0.055186	0.002602	3.65E-06	0.001635	0.059427
286	488767.32	3857909.41	0.47539	0.55709	0.27916	1.07727	4.31E-02	0.00236	5.2E-06	0.0025	0.04794	5.44E-02	0.002975	4.44E-06	0.001457	5.88E-02	0.0536	0.002558	3.62E-06	0.001547	0.057709
287	488417.32	3857959.41	0.58247	0.53539	0.25572	1.72283	5.28E-02	0.00226	4.8E-06	0.00399	0.05904	6.66E-02	0.002859	4.06E-06	0.002329	7.18E-02	0.065673	0.002459	3.32E-06	0.002474	0.070609
288	488467.32	3857959.41	0.56172	0.53415	0.25713	1.57433	5.09E-02	0.00226	4.8E-06	0.00365	0.05682	6.42E-02	0.002852	4.09E-06	0.002129	6.92E-02	0.063334	0.002453	3.34E-06	0.002261	0.068051
289	488517.32	3857959.41	0.54269	0.53141	0.25792	1.45006	4.92E-02	0.00225	4.8E-06	0.00336	0.05479	6.21E-02	0.002837	4.1E-06	0.001961	6.69E-02	0.061188	0.00244	3.35E-06	0.002082	0.065714
290	488567.32	3857959.41	0.52515	0.52746	0.2582	1.34422	4.76E-02	0.00223	4.8E-06	0.00311	0.05294	6.01E-02	0.002816	4.1E-06	0.001818	6.47E-02	0.05921	0.002422	3.35E-06	0.00193	0.063566
291	488617.32	3857959.41	0.50894	0.52341	0.25839	1.2508	4.61E-02	0.00221	4.8E-06	0.0029	0.05124	5.82E-02	0.002795	4.11E-06	0.001691	6.27E-02	0.057383	0.002404	3.35E-06	0.001796	0.061586
292	488667.32	3857959.41	0.49378	0.51873	0.25831	1.16961	4.47E-02	0.00219	4.8E-06	0.00271	0.04966	5.65E-02	0.00277	4.11E-06	0.001581	6.08E-02	0.055674	0.002382	3.35E-06	0.00168	0.059739
293	488717.32	3857959.41	0.47969	0.51271	0.25765	1.10008	4.35E-02	0.00217	4.8E-06	0.00255	0.04819	5.49E-02	0.002738	4.09E-06	0.001487	5.91E-02	0.054085	0.002355	3.34E-06	0.00158	0.058023
294	488767.32	3857959.41	0.46657	0.50687	0.25697	1.03753	4.23E-02	0.00214	4.8E-06	0.0024	0.04683	5.34E-02	0.002706	4.08E-06	0.001403	5.75E-02	0.052606	0.002328	3.34E-06	0.00149	0.056427
295	488417.32	3858009.41	0.57122	0.47211	0.22954	1.62032	5.18E-02	0.002	4.3E-06	0.00375	0.05752	6.53E-02	0.002521	3.65E-06	0.002191	7.01E-02	0.064405	0.002168	2.98E-06	0.002327	0.068903
296	488467.32	3858009.41	0.5514	0.4731	0.23144	1.48008	5.00E-02	0.002	4.3E-06	0.00343	0.0554	6.31E-02	0.002526	3.68E-06	0.002001	6.76E-02	0.06217	0.002173	3E-06	0.002125	0.066471
297	488517.32	3858009.41	0.5332	0.47312	0.2331	1.36258	4.83E-02	0.002	4.4E-06	0.00316	0.05348	6.10E-02	0.002526	3.7E-06	0.001842	6.54E-02	0.060118	0.002173	3.03E-06	0.001957	0.064251
298	488567.32	3858009.41	0.51675	0.4718	0.23429	1.26878	4.68E-02	0.002	4.4E-06	0.00294	0.05177	5.91E-02	0.002519	3.72E-06	0.001716	6.33E-02	0.058263	0.002167	3.04E-06	0.001822	0.062255
299	488617.32	3858009.41	0.50105	0.47084	0.2356	1.18016	4.54E-02	0.00199	4.4E-06	0.00273	0.05014	5.73E-02	0.002514	3.74E-06	0.001596	6.14E-02	0.056493	0.002162	3.06E-06	0.001695	0.060353
300	488667.32	3858009.41	0.48604	0.46884	0.23643	1.10027	4.40E-02	0.00198	4.4E-06	0.00255	0.04858	5.56E-02	0.002503	3.76E-06	0.001488	5.96E-02	0.054801	0.002153	3.07E-06	0.00158	0.058537
301	488717.32	3858009.41	0.47234	0.4655	0.23676	1.03869	4.28E-02	0.00197	4.4E-06	0.00241	0.04718	5.40E-02	0.002486	3.76E-06	0.001404	5.79E-02	0.053256	0.002138	3.07E-06	0.001492	0.056889

302	488767.32	3858009.41	0.45962	0.46157	0.23681	0.98115	4.17E-02	0.00195	4.4E-06	0.00227	0.04588	5.26E-02	0.002465	3.76E-06	0.001327	5.64E-02	0.051822	0.00212	3.07E-06	0.001409	0.055354
303	488417.32	3858059.41	0.56683	0.41643	0.2078	1.43812	5.14E-02	0.00176	3.9E-06	0.00333	0.05646	6.48E-02	0.002224	3.3E-06	0.001944	6.90E-02	0.06391	0.001912	2.7E-06	0.002065	0.06789
304	488467.32	3858059.41	0.54733	0.41902	0.20952	1.33487	4.96E-02	0.00177	3.9E-06	0.00309	0.05447	6.26E-02	0.002237	3.33E-06	0.001805	6.66E-02	0.061711	0.001924	2.72E-06	0.001917	0.065555
305	488517.32	3858059.41	0.52924	0.42107	0.21139	1.23537	4.80E-02	0.00178	4E-06	0.00286	0.05261	6.05E-02	0.002248	3.36E-06	0.00167	6.45E-02	0.059672	0.001934	2.74E-06	0.001774	0.063382
306	488567.32	3858059.41	0.51259	0.4221	0.21313	1.151	4.65E-02	0.00179	4E-06	0.00267	0.05091	5.86E-02	0.002254	3.39E-06	0.001556	6.24E-02	0.057794	0.001938	2.77E-06	0.001653	0.061388
307	488617.32	3858059.41	0.49668	0.42241	0.2147	1.07806	4.50E-02	0.00179	4E-06	0.0025	0.0493	5.68E-02	0.002255	3.41E-06	0.001458	6.05E-02	0.056001	0.00194	2.79E-06	0.001548	0.059491
308	488667.32	3858059.41	0.48186	0.42265	0.21629	1.01351	4.37E-02	0.00179	4E-06	0.00235	0.04781	5.51E-02	0.002257	3.44E-06	0.00137	5.87E-02	0.05433	0.001941	2.81E-06	0.001455	0.057729
309	488417.32	3858109.41	0.5676	0.36852	0.19092	1.19928	5.14E-02	0.00156	3.6E-06	0.00278	0.05578	6.49E-02	0.001968	3.03E-06	0.001622	6.85E-02	0.063997	0.001692	2.48E-06	0.001722	0.067414
310	488467.32	3858109.41	0.54889	0.37257	0.19192	1.14089	4.97E-02	0.00158	3.6E-06	0.00264	0.05396	6.28E-02	0.001989	3.05E-06	0.001543	6.63E-02	0.061887	0.001711	2.49E-06	0.001638	0.065239
311	488517.32	3858109.41	0.53096	0.37529	0.19311	1.07372	4.81E-02	0.00159	3.6E-06	0.00249	0.05219	6.07E-02	0.002004	3.07E-06	0.001452	6.42E-02	0.059866	0.001723	2.51E-06	0.001542	0.063133
312	488567.32	3858109.41	0.51302	0.37781	0.19473	1.01249	4.65E-02	0.0016	3.6E-06	0.00235	0.05044	5.87E-02	0.002017	3.09E-06	0.001369	6.21E-02	0.057843	0.001735	2.53E-06	0.001454	0.061034
313	488617.32	3858109.41	0.4964	0.37939	0.19634	0.95835	4.50E-02	0.00161	3.7E-06	0.00222	0.04881	5.68E-02	0.002026	3.12E-06	0.001296	6.01E-02	0.055969	0.001742	2.55E-06	0.001376	0.05909
314	488667.32	3858109.41	0.48045	0.38134	0.19833	0.90867	4.35E-02	0.00161	3.7E-06	0.0021	0.04726	5.50E-02	0.002036	3.15E-06	0.001229	5.82E-02	0.054171	0.001751	2.57E-06	0.001305	0.057229
315	488769.93	3858449.27	0.54127	0.19628	0.12444	0.33537	4.91E-02	0.00083	2.3E-06	0.00078	0.05066	6.19E-02	0.001048	1.98E-06	0.000453	6.34E-02	0.061028	0.000901	1.62E-06	0.000482	0.062413
316	488819.93	3858449.27	0.51228	0.20184	0.12642	0.34206	4.64E-02	0.00085	2.4E-06	0.00079	0.04807	5.86E-02	0.001078	2.01E-06	0.000463	6.01E-02	0.057759	0.000927	1.64E-06	0.000491	0.059179
317	488819.93	3858499.27	0.54424	0.18292	0.1185	0.29813	4.93E-02	0.00077	2.2E-06	0.00069	0.05079	6.22E-02	0.000977	1.88E-06	0.000403	6.36E-02	0.061363	0.00084	1.54E-06	0.000428	0.062633
318	488869.93	3858499.27	0.51329	0.18828	0.12055	0.30507	4.65E-02	0.0008	2.3E-06	0.00071	0.04802	5.87E-02	0.001005	1.92E-06	0.000412	6.01E-02	0.057873	0.000865	1.56E-06	0.000438	0.059178
319	488869.93	3858549.27	0.54756	0.17118	0.11313	0.26771	4.96E-02	0.00072	2.1E-06	0.00062	0.05097	6.26E-02	0.000914	1.8E-06	0.000362	6.39E-02	0.061737	0.000786	1.47E-06	0.000384	0.062909
320	489438.17	3859571.48	0.08908	0.07786	0.06308	0.09496	8.07E-03	0.00033	1.2E-06	0.00022	0.00862	1.02E-02	0.000416	1E-06	0.000128	1.07E-02	0.010044	0.000358	8.19E-07	0.000136	0.010538
321	489488.17	3859571.48	0.08895	0.0781	0.06322	0.09527	8.06E-03	0.00033	1.2E-06	0.00022	0.00861	1.02E-02	0.000417	1E-06	0.000129	1.07E-02	0.010029	0.000359	8.21E-07	0.000137	0.010525
322	489538.17	3859571.48	0.08871	0.07824	0.06329	0.09548	8.04E-03	0.00033	1.2E-06	0.00022	0.00859	1.01E-02	0.000418	1.01E-06	0.000129	1.07E-02	0.010002	0.000359	8.22E-07	0.000137	0.010499
323	489588.17	3859571.48	0.08828	0.07818	0.06321	0.09552	8.00E-03	0.00033	1.2E-06	0.00022	0.00855	1.01E-02	0.000417	1E-06	0.000129	1.06E-02	0.009954	0.000359	8.2E-07	0.000137	0.010451
324	489438.17	3859621.48	0.08546	0.07549	0.06149	0.09179	7.74E-03	0.00032	1.2E-06	0.00021	0.00828	9.77E-03	0.000403	9.77E-07	0.000124	1.03E-02	0.009636	0.000347	7.98E-07	0.000132	0.010115
325	489488.17	3859621.48	0.0854	0.07571	0.06164	0.09214	7.74E-03	0.00032	1.2E-06	0.00021	0.00827	9.77E-03	0.000404	9.8E-07	0.000125	1.03E-02	0.009629	0.000348	8E-07	0.000132	0.01011
326	489538.17	3859621.48	0.08527	0.07591	0.06176	0.09243	7.73E-03	0.00032	1.2E-06	0.00021	0.00826	9.75E-03	0.000405	9.82E-07	0.000125	1.03E-02	0.009614	0.000349	8.02E-07	0.000133	0.010096
327	489588.17	3859621.48	0.08511	0.07613	0.06188	0.09259	7.71E-03	0.00032	1.2E-06	0.00021	0.00825	9.73E-03	0.000406	9.83E-07	0.000125	1.03E-02	0.009596	0.00035	8.03E-07	0.000133	0.01008
328	489238.17	3859671.48	0.08219	0.07304	0.05977	0.08873	7.45E-03	0.00031	1.1E-06	0.00021	0.00796	9.40E-03	0.00039	9.5E-07	0.00012	9.91E-03	0.009267	0.000335	7.76E-07	0.000127	0.009731
329	489288.17	3859671.48	0.08235	0.0732	0.0599	0.08889	7.46E-03	0.00031	1.1E-06	0.00021	0.00798	9.42E-03	0.000391	9.52E-07	0.00012	9.93E-03	0.009285	0.000336	7.78E-07	0.000128	0.00975
330	489338.17	3859671.48	0.08203	0.07285	0.05965	0.08833	7.43E-03	0.00031	1.1E-06	0.0002	0.00795	9.38E-03	0.000389	9.48E-07	0.000119	9.89E-03	0.009249	0.000335	7.74E-07	0.000127	0.009711
331	489388.17	3859671.48	0.08203	0.07297	0.05973	0.08832	7.43E-03	0.00031	1.1E-06	0.0002	0.00795	9.38E-03	0.00039	9.49E-07	0.000119	9.89E-03	0.009249	0.000335	7.75E-07	0.000127	0.009712
332	489438.17	3859671.48	0.08209	0.07322	0.05993	0.0887	7.44E-03	0.00031	1.1E-06	0.00021	0.00796	9.39E-03	0.000391	9.52E-07	0.00012	9.90E-03	0.009256	0.000336	7.78E-07	0.000127	0.00972
333	489488.17	3859671.48	0.08222	0.07361	0.06021	0.08906	7.45E-03	0.00031	1.1E-06	0.00021	0.00797	9.40E-03	0.000393	9.57E-07	0.00012	9.92E-03	0.00927	0.000338	7.82E-07	0.000128	0.009737
334	489538.17	3859671.48	0.0822	0.07387	0.06039	0.08938	7.45E-03	0.00031	1.1E-06	0.00021	0.00797	9.40E-03	0.000394	9.6E-07	0.000121	9.92E-03	0.009268	0.000339	7.84E-07	0.000128	0.009736
335	489588.17	3859671.48	0.08212	0.07411	0.06054	0.08963	7.44E-03	0.00031	1.1E-06	0.00021	0.00796	9.39E-03	0.000396	9.62E-07	0.000121	9.91E-03	0.009259	0.00034	7.86E-07	0.000129	0.009729
336	489238.17	3859721.48	0.07887	0.0708	0.05821	0.08574	7.15E-03	0.0003	1.1E-06	0.0002	0.00765	9.02E-03	0.000378	9.25E-07	0.000116	9.52E-03	0.008893	0.000325	7.56E-07	0.000123	0.009342
337	489288.17	3859721.48	0.07928	0.07127	0.05854	0.08607	7.18E-03	0.0003	1.1E-06	0.0002	0.00769	9.07E-03	0.000381	9.3E-07	0.000116	9.57E-03	0.008939	0.000327	7.6E-07	0.000124	0.00939
338	489338.17	3859721.48	0.0794	0.07139	0.05864	0.08613	7.20E-03	0.0003	1.1E-06	0.0002	0.0077	9.08E-03	0.000381	9.32E-07	0.000116	9.58E-03	0.008952	0.000328	7.61E-07	0.000124	0.009405
339	489388.17	3859721.48	0.07922	0.07124	0.05854	0.08588	7.18E-03	0.0003	1.1E-06	0.0002	0.00768	9.06E-03	0.00038	9.3E-07	0.000116	9.56E-03	0.008932	0.000327	7.6E-07	0.000123	0.009383
340	489438.17	3859721.48	0.07909	0.0712	0.05853	0.08588	7.17E-03	0.0003	1.1E-06	0.0002	0.00767	9.05E-03	0.00038	9.3E-07	0.000116	9.54E-03	0.008917	0.000327	7.6E-07	0.000123	0.009368
341	489488.17	3859721.48	0.07922	0.07155	0.05878	0.08613	7.18E-03	0.0003	1.1E-06	0.0002	0.00768	9.06E-03	0.000382	9.34E-07	0.000116	9.56E-03	0.008932	0.000329	7.63E-07	0.000124	0.009385
342	489538.17	3859721.48	0.07928	0.07184	0.059	0.08642	7.18E-03	0.0003	1.1E-06	0.0002	0.00769	9.07E-03	0.000384	9.38E-07	0.000117	9.57E-03	0.008939	0.00033	7.66E-07	0.000124	0.009394
343	489588.17	3859721.48	0.07927	0.07212	0.05919	0.08672	7.18E-03	0.00031	1.1E-06	0.0002	0.00769	9.07E-03	0.000385	9.41E-07	0.000117	9.57E-03	0.008938	0.000331	7.68E-07	0.000125	0.009394
344	489238.17	3859771.48	0.07586	0.06871	0.05675	0.08292	6.87E-03	0.00029	1.1E-06	0.00019	0.00736	8.68E-03	0.000367	9.02E-07	0.000112	9.16E-03	0.008553	0.000316	7.37E-07	0.000119	0.008989
345	489288.17	3859771.48	0.07626	0.06917	0.05707	0.08325	6.91E-03	0.00029	1.1E-06	0.00019	0.0074	8.72E-03	0.000369	9.07E-07	0.000113	9.21E-03	0.008598	0.000318	7.41E-07	0.00012	0.009036
346	489338.17	3859771.48	0.07644	0.06937	0.05722	0.08347	6.93E-03	0.00029	1.1E-06	0.00019	0.00742	8.74E-03	0.00037	9.09E-07	0.000113	9.23E-03	0.008619	0.000319	7.43E-07	0.00012	0.009058
347	489388.17	3859771.48	0.07654	0.06951	0.05733	0.08351	6.94E-03	0.00029	1.1E-06	0.00019	0.00742	8.75E-03	0.000371	9.11E-07	0.000113	9.24E-03	0.00863	0.000319	7.44E-07	0.00012	0.00907
348	489438.17	3859771.48	0.07642	0.06943	0.05728	0.08343	6.93E-03	0.00029	1.1E-06	0.00019	0.00741	8.74E-03	0.000371	9.1E-07	0.000113	9.23E-03	0.008616	0.000319	7.44E-07	0.00012	0.009056
349	489488.17	3859771.48	0.07651	0.06968	0.05746	0.08345	6.93E-03	0.00029	1.1E-06	0.00019	0.00742	8.75E-03	0.000372	9.13E-07	0.000113	9.24E-03	0.008626	0.00032	7.46E-07	0.00012	0.009067
350	489538.17	3859771.48	0.07658	0.06997	0.05768	0.08362	6.94E-03	0.0003	1.1E-06	0.00019	0.00743	8.76E-03	0.000374	9.17E-07	0.000113	9.25E-03	0.008634	0.000321	7.49E-07	0.00012	0.009077
351	489588.17	3859771.48	0.07655	0.07014	0.05782	0.08388	6.94E-03	0.0003	1.1E-06	0.00019	0.00743	8.76E-03	0.000375	9.19E-07	0.000113	9.24E-03	0.008631	0.000322	7.51E-07	0.00012	0.009074
352	489238.17	3859821.48	0.07302	0.06665	0.05532	0.08024	6.62E-03	0.00028	1E-06	0.00019	0.00709	8.35E-03	0.000356	8.79E-07	0.000108	8.82E-03	0.008233	0.000306	7.18E-07	0.000115	0.008655
353	489288.17	3859821.48	0.07342	0.06713	0.05563	0.08056	6.65E-03	0.00028	1E-06	0.00019	0.00713	8.40E-03	0.000358	8.84E-07	0.000109	8.87E-03	0.008278	0.000308	7.22E-07	0.000116	0.008703
354	489338.17	3859821.48	0.07365	0.06739	0.05581	0.08079	6.67E-03	0.00029	1E-06	0.00019	0.00715	8.42E-03	0.00036	8.87E-07	0.000109	8.89E-03	0.008304	0.000309	7.24E-07	0.000116	0.00873
355	489388.17	3859821.48	0.07384	0.06762	0.05598	0.08097	6.69E-03	0.00029	1E-06	0.00019	0.00717	8.45E-03	0.000361	8.9E-07	0.000109	8.92E-03	0.008325	0.000311	7.27E-07	0.000116	0.008753
356	489438.17	3859821.48	0.07403	0.06788	0.05617	0.08103	6.71E-03	0.00029	1.1E-06	0.00019	0.00718	8.47E-03	0.000362	8.93E-07	0.00011	8.94E-03	0.008347	0.000312	7.29E-07	0.000116	0.008776
357	489488.17	3859821.48	0.07409	0.06805	0.0563	0.08102	6.71E-03	0.00029	1.1E-06	0.00019	0.00719	8.47E-03	0.000363	8.95E-07	0.00011	8.95E-03	0.008354	0.000313	7.31E-07	0.000116	0.008783
358	489538.17	3859821.48	0.07411	0.06824	0.05645	0.08105	6.72E-03	0.00029	1.1E-06	0.00019	0.00719	8.48E-03	0.000364	8.97E-07	0.00011	8.95E-03	0.008356	0.000313	7.33E-07	0.000116	0.008786
359	489588.17	3859821.48	0.07406	0.06835	0.05655	0.08121	6.71E-03	0.00029	1.1E-06	0.00019	0.00719	8.47E-03	0.000365	8.99E-07	0.00011	8.95E-03	0.00835	0.000314	7.34E-07	0.000117	0.008781
360	489238.17	3859871.48	0.07044	0.06473	0.05399	0.0777	6.38E-03	0.00027	1E-06	0.00018	0.00684	8.06E-03	0.000346	8.58E-07	0.000105	8.51E-03	0.007942	0.000297	7.01E-07	0.000112	0.008352
361	489288.17	3859871.48	0.07074	0.06512	0.05422	0.078	6.41E-03	0.00028	1E-06	0.00018	0.00687	8.09E-03	0.000348	8.62E-07	0.000105	8.55E-03	0.007976	0.000299	7.04E-07	0.000112	0.008388
362	489338.17	3859871.48	0.07102	0.06545	0.05444	0.07824	6.44E-03	0.00028	1E-06	0.00018	0.0069	8.12E-03	0.000349	8.65E-07	0.000106	8.58E-03	0.008007	0.000301	7.07E-07	0.000112	0.008421

363	489388.17	3859871.48	0.07135	0.06583	0.0547	0.07845	6.47E-03	0.00028	1E-06	0.00018	0.00693	8.16E-03	0.000352	8.69E-07	0.000106	8.62E-03	0.008045	0.000302	7.1E-07	0.000113	0.00846
364	489438.17	3859871.48	0.0717	0.0663	0.05503	0.07859	6.50E-03	0.00028	1E-06	0.00018	0.00696	8.20E-03	0.000354	8.75E-07	0.000106	8.66E-03	0.008084	0.000304	7.14E-07	0.000113	0.008502
365	489488.17	3859871.48	0.07195	0.06673	0.05533	0.0786	6.52E-03	0.00028	1E-06	0.00018	0.00699	8.23E-03	0.000356	8.79E-07	0.000106	8.69E-03	0.008112	0.000306	7.18E-07	0.000113	0.008532
366	489538.17	3859871.48	0.07187	0.0667	0.05534	0.07864	6.51E-03	0.00028	1E-06	0.00018	0.00698	8.22E-03	0.000356	8.8E-07	0.000106	8.68E-03	0.008103	0.000306	7.18E-07	0.000113	0.008523
367	489588.17	3859871.48	0.07184	0.06682	0.05544	0.07871	6.51E-03	0.00028	1E-06	0.00018	0.00698	8.22E-03	0.000357	8.81E-07	0.000106	8.68E-03	0.0081	0.000307	7.2E-07	0.000113	0.008521
368	489238.17	3859921.48	0.06812	0.06299	0.05278	0.07531	6.17E-03	0.00027	9.9E-07	0.00017	0.00662	7.79E-03	0.000336	8.39E-07	0.000102	8.23E-03	0.007681	0.000289	6.85E-07	0.000108	0.008079
369	489288.17	3859921.48	0.06849	0.06348	0.05307	0.07561	6.21E-03	0.00027	9.9E-07	0.00018	0.00665	7.83E-03	0.000339	8.43E-07	0.000102	8.28E-03	0.007722	0.000292	6.89E-07	0.000109	0.008123
370	489338.17	3859921.48	0.06876	0.06381	0.05327	0.07583	6.23E-03	0.00027	1E-06	0.00018	0.00668	7.86E-03	0.000341	8.47E-07	0.000103	8.31E-03	0.007753	0.000293	6.91E-07	0.000109	0.008155
371	489388.17	3859921.48	0.06912	0.06428	0.05358	0.07602	6.26E-03	0.00027	1E-06	0.00018	0.00671	7.91E-03	0.000343	8.52E-07	0.000103	8.35E-03	0.007793	0.000295	6.95E-07	0.000109	0.008198
372	489438.17	3859921.48	0.06953	0.06486	0.05397	0.07613	6.30E-03	0.00027	1E-06	0.00018	0.00675	7.95E-03	0.000346	8.58E-07	0.000103	8.40E-03	0.007839	0.000298	7.01E-07	0.000109	0.008247
373	489488.17	3859921.48	0.0697	0.06513	0.05417	0.07623	6.32E-03	0.00028	1E-06	0.00018	0.00677	7.97E-03	0.000348	8.61E-07	0.000103	8.42E-03	0.007859	0.000299	7.03E-07	0.000109	0.008268
374	489538.17	3859921.48	0.06973	0.06522	0.05426	0.07629	6.32E-03	0.00028	1E-06	0.00018	0.00677	7.98E-03	0.000348	8.62E-07	0.000103	8.43E-03	0.007862	0.0003	7.04E-07	0.00011	0.008272
375	489588.17	3859921.48	0.06979	0.06545	0.05443	0.07631	6.32E-03	0.00028	1E-06	0.00018	0.00678	7.98E-03	0.000349	8.65E-07	0.000103	8.44E-03	0.007869	0.000301	7.07E-07	0.00011	0.00828
376	489238.17	3859971.48	0.066	0.06138	0.05167	0.07307	5.98E-03	0.00026	9.7E-07	0.00017	0.00641	7.55E-03	0.000328	8.21E-07	9.88E-05	7.98E-03	0.007441	0.000282	6.71E-07	0.000105	0.007829
377	489288.17	3859971.48	0.06626	0.06175	0.05187	0.07332	6.00E-03	0.00026	9.7E-07	0.00017	0.00644	7.58E-03	0.00033	8.24E-07	9.91E-05	8.01E-03	0.007471	0.000284	6.73E-07	0.000105	0.00786
378	489338.17	3859971.48	0.06659	0.0622	0.05213	0.07353	6.03E-03	0.00026	9.8E-07	0.00017	0.00647	7.62E-03	0.000332	8.29E-07	9.94E-05	8.05E-03	0.007508	0.000286	6.77E-07	0.000106	0.0079
379	489388.17	3859971.48	0.06701	0.06278	0.0525	0.07368	6.07E-03	0.00027	9.8E-07	0.00017	0.00651	7.66E-03	0.000335	8.34E-07	9.96E-05	8.10E-03	0.007555	0.000288	6.81E-07	0.000106	0.00795
380	489438.17	3859971.48	0.06744	0.06343	0.05292	0.07374	6.11E-03	0.00027	9.9E-07	0.00017	0.00655	7.71E-03	0.000339	8.41E-07	9.97E-05	8.15E-03	0.007604	0.000291	6.87E-07	0.000106	0.008002
381	489488.17	3859971.48	0.06765	0.06413	0.0534	0.07306	6.13E-03	0.00027	1E-06	0.00017	0.00657	7.74E-03	0.000342	8.49E-07	9.88E-05	8.18E-03	0.007628	0.000295	6.93E-07	0.000105	0.008028
382	489538.17	3859971.48	0.06776	0.06452	0.05368	0.07286	6.14E-03	0.00027	1E-06	0.00017	0.00658	7.75E-03	0.000345	8.53E-07	9.85E-05	8.19E-03	0.00764	0.000296	6.97E-07	0.000105	0.008042
383	489588.17	3859971.48	0.06776	0.06475	0.05385	0.0727	6.14E-03	0.00027	1E-06	0.00017	0.00658	7.75E-03	0.000346	8.56E-07	9.83E-05	8.20E-03	0.00764	0.000297	6.99E-07	0.000104	0.008042
384	483577.7	3854071	0.33368	0.14208	0.09428	0.04348	3.02E-02	0.0006	1.8E-06	0.0001	0.03094	3.82E-02	0.000759	1.5E-06	5.88E-05	3.90E-02	0.037622	0.000652	1.22E-06	6.24E-05	0.038338
385	483627.7	3854071	0.31945	0.14341	0.09718	0.04484	2.89E-02	0.00061	1.8E-06	0.0001	0.02966	3.65E-02	0.000766	1.54E-06	6.06E-05	3.74E-02	0.036018	0.000659	1.26E-06	6.44E-05	0.036742
386	483677.7	3854071	0.30643	0.14432	0.10006	0.04589	2.78E-02	0.00061	1.9E-06	0.00011	0.02849	3.50E-02	0.000771	1.59E-06	6.2E-05	3.59E-02	0.03455	0.000663	1.3E-06	6.59E-05	0.03528
387	483727.7	3854071	0.29499	0.14463	0.10267	0.04657	2.67E-02	0.00061	1.9E-06	0.00011	0.02745	3.37E-02	0.000772	1.63E-06	6.3E-05	3.46E-02	0.03326	0.000664	1.33E-06	6.69E-05	0.033992
388	483777.7	3854071	0.28237	0.14496	0.105	0.04616	2.56E-02	0.00061	2E-06	0.00011	0.02631	3.23E-02	0.000774	1.67E-06	6.24E-05	3.31E-02	0.031837	0.000666	1.36E-06	6.63E-05	0.03257
389	483577.7	3854121	0.35268	0.15306	0.09663	0.04296	3.20E-02	0.00065	1.8E-06	1E-04	0.03271	4.03E-02	0.000817	1.54E-06	5.81E-05	4.12E-02	0.039765	0.000703	1.25E-06	6.17E-05	0.04053
390	483627.7	3854121	0.33567	0.15554	0.09974	0.04353	3.04E-02	0.00066	1.9E-06	0.0001	0.03118	3.84E-02	0.000831	1.59E-06	5.89E-05	3.93E-02	0.037847	0.000714	1.29E-06	6.25E-05	0.038625
391	483677.7	3854121	0.31955	0.15761	0.10292	0.04381	2.90E-02	0.00067	1.9E-06	0.0001	0.02973	3.65E-02	0.000842	1.64E-06	5.92E-05	3.75E-02	0.036029	0.000724	1.34E-06	6.29E-05	0.036817
392	483727.7	3854121	0.30428	0.15873	0.1059	0.04387	2.76E-02	0.00067	2E-06	0.0001	0.02835	3.48E-02	0.000848	1.68E-06	5.93E-05	3.57E-02	0.034307	0.000729	1.37E-06	6.3E-05	0.035101
393	483777.7	3854121	0.29294	0.15806	0.10831	0.0442	2.65E-02	0.00067	2E-06	0.0001	0.02732	3.35E-02	0.000844	1.72E-06	5.98E-05	3.44E-02	0.033029	0.000726	1.41E-06	6.35E-05	0.03382
394	483577.7	3854171	0.37003	0.16689	0.09957	0.04167	3.35E-02	0.00071	1.9E-06	9.7E-05	0.03434	4.23E-02	0.000891	1.58E-06	5.63E-05	4.33E-02	0.041721	0.000766	1.29E-06	5.98E-05	0.042548
395	483627.7	3854171	0.34905	0.17081	0.10287	0.0413	3.16E-02	0.00072	1.9E-06	9.6E-05	0.03245	3.99E-02	0.000912	1.63E-06	5.58E-05	4.09E-02	0.039355	0.000784	1.34E-06	5.93E-05	0.0402
396	483677.7	3854171	0.33194	0.17291	0.10588	0.04144	3.01E-02	0.00073	2E-06	9.6E-05	0.03091	3.80E-02	0.000923	1.68E-06	5.6E-05	3.89E-02	0.037426	0.000794	1.37E-06	5.95E-05	0.038281
397	483727.7	3854171	0.3179	0.17305	0.10878	0.04187	2.88E-02	0.00073	2E-06	9.7E-05	0.02964	3.64E-02	0.000924	1.73E-06	5.66E-05	3.73E-02	0.035843	0.000795	1.41E-06	6.01E-05	0.036699
398	483777.7	3854171	0.30522	0.17258	0.11157	0.04223	2.77E-02	0.00073	2.1E-06	9.8E-05	0.02849	3.49E-02	0.000921	1.77E-06	5.71E-05	3.59E-02	0.034413	0.000793	1.45E-06	6.06E-05	0.035268
399	483827.7	3854171	0.2899	0.17127	0.11348	0.04158	2.63E-02	0.00072	2.1E-06	9.6E-05	0.02709	3.32E-02	0.000914	1.8E-06	5.62E-05	3.41E-02	0.032686	0.000787	1.47E-06	5.97E-05	0.033534
400	483877.7	3854171	0.27994	0.16603	0.11544	0.04179	2.54E-02	0.0007	2.2E-06	9.7E-05	0.02617	3.20E-02	0.000887	1.83E-06	5.65E-05	3.30E-02	0.031563	0.000762	1.5E-06	6E-05	0.032387
401	483727.7	3854221	0.33566	0.1895	0.1121	0.04055	3.04E-02	0.0008	2.1E-06	9.4E-05	0.03132	3.84E-02	0.001012	1.78E-06	5.48E-05	3.95E-02	0.037846	0.00087	1.46E-06	5.82E-05	0.038775
402	483777.7	3854221	0.32073	0.18908	0.11475	0.04055	2.91E-02	0.0008	2.1E-06	9.4E-05	0.02996	3.67E-02	0.00101	1.82E-06	5.48E-05	3.78E-02	0.036162	0.000868	1.49E-06	5.82E-05	0.03709
403	483827.7	3854221	0.3134	0.18888	0.11777	0.04178	2.84E-02	0.0008	2.2E-06	9.7E-05	0.0293	3.58E-02	0.001009	1.87E-06	5.65E-05	3.69E-02	0.035336	0.000867	1.53E-06	6E-05	0.036265
404	483877.7	3854221	0.29955	0.18293	0.12004	0.04165	2.71E-02	0.00077	2.2E-06	9.6E-05	0.02802	3.43E-02	0.000977	1.91E-06	5.63E-05	3.53E-02	0.033774	0.00084	1.56E-06	5.98E-05	0.034676
405	489150.19	3858726.45	0.46332	0.14655	0.10078	0.20476	4.20E-02	0.00062	1.9E-06	0.00047	0.04308	5.30E-02	0.000783	1.6E-06	0.000277	5.41E-02	0.052239	0.000673	1.31E-06	0.000294	0.053208
406	489200.19	3858726.45	0.42958	0.1481	0.10095	0.20682	3.89E-02	0.00063	1.9E-06	0.00048	0.04004	4.91E-02	0.000791	1.6E-06	0.00028	5.02E-02	0.048435	0.00068	1.31E-06	0.000297	0.049413
407	489150.19	3858776.45	0.47043	0.13644	0.09615	0.1869	4.26E-02	0.00058	1.8E-06	0.00043	0.04364	5.38E-02	0.000729	1.53E-06	0.000253	5.48E-02	0.053041	0.000627	1.25E-06	0.000268	0.053937
408	489200.19	3858776.45	0.42919	0.13877	0.09689	0.18981	3.89E-02	0.00059	1.8E-06	0.00044	0.03992	4.91E-02	0.000741	1.54E-06	0.000257	5.01E-02	0.048391	0.000637	1.26E-06	0.000273	0.049302
409	488919.6	3856400.76	0.45536	0.34596	0.58468	0.46625	4.13E-02	0.00146	1.1E-05	0.00108	0.04382	5.21E-02	0.001847	9.29E-06	0.00063	5.46E-02	0.051342	0.001589	7.59E-06	0.00067	0.053608
410	488919.6	3856450.76	0.46101	0.37235	0.59183	0.48168	4.18E-02	0.00158	1.1E-05	0.00112	0.04448	5.27E-02	0.001988	9.41E-06	0.000651	5.54E-02	0.051979	0.00171	7.68E-06	0.000692	0.054388
411	488969.6	3856450.76	0.4523	0.37358	0.57931	0.47404	4.10E-02	0.00158	1.1E-05	0.0011	0.04368	5.17E-02	0.001995	9.21E-06	0.000641	5.44E-02	0.050997	0.001716	7.52E-06	0.000681	0.053401
412	488919.6	3856500.76	0.46628	0.40238	0.59818	0.49746	4.23E-02	0.0017	1.1E-05	0.00115	0.04512	5.33E-02	0.002149	9.51E-06	0.000673	5.62E-02	0.052573	0.001848	7.76E-06	0.000714	0.055143
413	488969.6	3856500.76	0.45723	0.40286	0.58512	0.49057	4.14E-02	0.0017	1.1E-05	0.00114	0.04429	5.23E-02	0.002151	9.3E-06	0.000663	5.51E-02	0.051553	0.00185	7.6E-06	0.000704	0.054115
414	488919.6	3856550.76	0.471	0.43616	0.60347	0.51481	4.27E-02	0.00185	1.1E-05	0.00119	0.04573	5.39E-02	0.002329	9.59E-06	0.000696	5.69E-02	0.053105	0.002003	7.83E-06	0.000739	0.055855
415	488969.6	3856550.76	0.46177	0.43568	0.5901	0.50647	4.18E-02	0.00184	1.1E-05	0.00117	0.04487	5.28E-02	0.002326	9.38E-06	0.000685	5.58E-02	0.052064	0.002001	7.66E-06	0.000727	0.0548
416	488819.6	3856600.76	0.49542	0.47578	0.63718	0.54762	4.49E-02	0.00201	1.2E-05	0.00127	0.04819	5.67E-02	0.00254	1.01E-05	0.00074	6.00E-02	0.055858	0.002185	8.27E-06	0.000786	0.058838
417	488869.6	3856600.76	0.48523	0.47502	0.62233	0.53859	4.40E-02	0.00201	1.2E-05	0.00125	0.04724	5.55E-02	0.002536	9.89E-06	0.000728	5.88E-02	0.05471	0.002181	8.08E-06	0.000773	0.057673
418	488919.6	3856600.76	0.47533	0.47361	0.60789	0.53086	4.31E-02	0.002	1.1E-05	0.00123	0.04632	5.44E-02	0.002529	9.66E-06	0.000718	5.76E-02	0.053593	0.002175	7.89E-06	0.000762	0.056539
419	488819.6	3856650.76	0.49963	0.52047	0.64113	0.56552	4.53E-02	0.0022	1.2E-05	0.00131	0.0488	5.71E-02	0.002779	1.02E-05	0.000765	6.07E-02	0.056333	0.00239	8.32E-06	0.000812	0.059544
420	488869.6	3856650.76	0.48924	0.51803	0.62585	0.55591	4.43E-02	0.00219	1.2E-05	0.00129	0.04783	5.60E-02	0.002766	9.95E-06	0.000752	5.95E-02	0.055162	0.002379	8.12E-06	0.000798	0.058347
421	488819.6	3856700.76	0.50324	0.56966	0.64368	0.5841	4.56E-02	0.00241	1.2E-05	0.00135	0.04938	5.76E-02	0.003042	1.02E-05	0.00079	6.14E-02	0.05674	0.002616	8.36E-06	0.000839	0.060203
422	488869.6	3856700.76	0.49271	0.56516	0.62811	0.57345	4.47E-02	0.00239	1.2E-05	0.00133	0.04838	5.64E-02	0.003018	9.98E-06	0.000775	6.02E-02	0.055553	0.002595	8.15E-06	0.000824	0.05898
423	488819.6	3856750.76	0.50647	0.62341	0.64493	0.60171	4.59E-02	0.00264	1.2E-05	0.00139	0.04994	5.79E-02	0.003329	1.02E-05	0.000814	6.21E-02	0.057104	0.002863	8.37E-06	0.000864	0.06084

424	488869.6	3856750.76	0.49566	0.61594	0.62882	0.59189	4.49E-02	0.00261	1.2E-05	0.00137	0.04891	5.67E-02	0.003289	9.99E-06	0.0008	6.08E-02	0.055885	0.002829	8.16E-06	0.00085	0.059572
425	488819.6	3857050.76	0.51694	0.97981	0.61589	0.72271	4.68E-02	0.00415	1.2E-05	0.00167	0.05268	5.91E-02	0.005232	9.79E-06	0.000977	6.53E-02	0.058285	0.0045	7.99E-06	0.001038	0.06383
426	488869.6	3857050.76	0.50545	0.94624	0.59915	0.70905	4.58E-02	0.004	1.1E-05	0.00164	0.05146	5.78E-02	0.005052	9.52E-06	0.000959	6.38E-02	0.056989	0.004345	7.78E-06	0.001018	0.062361
427	488919.6	3857050.76	0.49455	0.91493	0.58345	0.69474	4.48E-02	0.00387	1.1E-05	0.00161	0.05031	5.66E-02	0.004885	9.27E-06	0.000939	6.24E-02	0.05576	0.004202	7.57E-06	0.000998	0.060967
428	488819.6	3857100.76	0.51806	1.02758	0.60535	0.74458	4.69E-02	0.00435	1.1E-05	0.00172	0.05303	5.93E-02	0.005487	9.62E-06	0.001007	6.58E-02	0.058411	0.004719	7.86E-06	0.001069	0.064207
429	488869.6	3857100.76	0.50663	0.99018	0.58914	0.72872	4.59E-02	0.00419	1.1E-05	0.00169	0.0518	5.79E-02	0.005287	9.36E-06	0.000985	6.42E-02	0.057122	0.004547	7.65E-06	0.001046	0.062724
430	488919.6	3857100.76	0.49535	0.95384	0.57328	0.71474	4.49E-02	0.00404	1.1E-05	0.00166	0.05059	5.67E-02	0.005093	9.11E-06	0.000966	6.27E-02	0.055851	0.00438	7.44E-06	0.001026	0.061265
431	488819.6	3857150.76	0.51905	1.06574	0.59356	0.76702	4.70E-02	0.00451	1.1E-05	0.00178	0.05333	5.94E-02	0.005691	9.43E-06	0.001037	6.61E-02	0.058523	0.004894	7.7E-06	0.001101	0.064526
432	488869.6	3857150.76	0.50729	1.02366	0.57736	0.75095	4.60E-02	0.00433	1.1E-05	0.00174	0.05205	5.80E-02	0.005466	9.18E-06	0.001015	6.45E-02	0.057197	0.004701	7.49E-06	0.001078	0.062984
433	488919.6	3857150.76	0.49609	0.9847	0.56213	0.73466	4.50E-02	0.00417	1.1E-05	0.0017	0.05083	5.67E-02	0.005258	8.93E-06	0.000993	6.30E-02	0.055934	0.004522	7.3E-06	0.001055	0.061518
434	488969.6	3857150.76	0.48524	0.94785	0.54751	0.71924	4.40E-02	0.00401	1E-05	0.00167	0.04966	5.55E-02	0.005061	8.7E-06	0.000972	6.15E-02	0.054711	0.004353	7.11E-06	0.001033	0.060103
435	488819.6	3857200.76	0.51989	1.09205	0.58053	0.79039	4.71E-02	0.00462	1.1E-05	0.00183	0.05358	5.95E-02	0.005831	9.23E-06	0.001069	6.64E-02	0.058617	0.005015	7.54E-06	0.001135	0.064775
436	488869.6	3857200.76	0.50785	1.04654	0.56455	0.77345	4.60E-02	0.00443	1.1E-05	0.00179	0.05225	5.81E-02	0.005588	8.97E-06	0.001046	6.47E-02	0.05726	0.004806	7.33E-06	0.001111	0.063184
437	488919.6	3857200.76	0.49644	1.00468	0.54957	0.7563	4.50E-02	0.00425	1E-05	0.00175	0.051	5.68E-02	0.005365	8.73E-06	0.001023	6.32E-02	0.055973	0.004614	7.13E-06	0.001086	0.061681
438	488969.6	3857200.76	0.48561	0.9662	0.53555	0.7389	4.40E-02	0.00409	1E-05	0.00171	0.04982	5.55E-02	0.005159	8.51E-06	0.000999	6.17E-02	0.054752	0.004437	6.95E-06	0.001061	0.060258
439	488819.6	3857250.76	0.52079	1.1062	0.56669	0.81362	4.72E-02	0.00468	1.1E-05	0.00188	0.05377	5.96E-02	0.005907	9.01E-06	0.0011	6.66E-02	0.058719	0.00508	7.36E-06	0.001168	0.064975
440	488869.6	3857250.76	0.50858	1.05889	0.55116	0.79508	4.61E-02	0.00448	1E-05	0.00184	0.05242	5.82E-02	0.005654	8.76E-06	0.001075	6.49E-02	0.057342	0.004863	7.15E-06	0.001142	0.063354
441	488919.6	3857250.76	0.49687	1.01497	0.53643	0.77705	4.50E-02	0.00429	1E-05	0.0018	0.05113	5.68E-02	0.005419	8.53E-06	0.001051	6.33E-02	0.056022	0.004661	6.96E-06	0.001116	0.061806
442	488969.6	3857250.76	0.48567	0.97418	0.52246	0.75945	4.40E-02	0.00412	9.8E-06	0.00176	0.0499	5.56E-02	0.005202	8.3E-06	0.001027	6.18E-02	0.054759	0.004474	6.78E-06	0.001091	0.06033
443	488819.6	3857300.76	0.52127	1.10626	0.55148	0.83849	4.72E-02	0.00468	1E-05	0.00194	0.05387	5.96E-02	0.005907	8.76E-06	0.001134	6.67E-02	0.058773	0.00508	7.16E-06	0.001204	0.065065
444	488869.6	3857300.76	0.50881	1.05821	0.53637	0.81842	4.61E-02	0.00448	1E-05	0.0019	0.05249	5.82E-02	0.00565	8.52E-06	0.001107	6.50E-02	0.057368	0.00486	6.96E-06	0.001175	0.06341
445	488919.6	3857300.76	0.49674	1.01307	0.52183	0.79961	4.50E-02	0.00429	9.8E-06	0.00185	0.05116	5.68E-02	0.005409	8.29E-06	0.001081	6.33E-02	0.056007	0.004652	6.77E-06	0.001148	0.061815
446	488819.6	3857450.76	0.52078	1.03706	0.49797	0.91473	4.72E-02	0.00439	9.3E-06	0.00212	0.05371	5.96E-02	0.005537	7.91E-06	0.001237	6.63E-02	0.058718	0.004763	6.46E-06	0.001314	0.0648
447	488869.6	3857450.76	0.50735	0.99364	0.4846	0.88927	4.60E-02	0.0042	9.1E-06	0.00206	0.05225	5.80E-02	0.005306	7.7E-06	0.001202	6.45E-02	0.057204	0.004563	6.29E-06	0.001277	0.06305
448	488919.6	3857450.76	0.49404	0.95122	0.47123	0.8668	4.48E-02	0.00402	8.8E-06	0.00201	0.05081	5.65E-02	0.005079	7.49E-06	0.001172	6.28E-02	0.055703	0.004368	6.12E-06	0.001245	0.061322
449	488819.6	3857500.76	0.51952	0.99694	0.47714	0.9393	4.71E-02	0.00422	8.9E-06	0.00218	0.05348	5.94E-02	0.005323	7.58E-06	0.00127	6.60E-02	0.058576	0.004578	6.19E-06	0.001349	0.064509
450	488869.6	3857500.76	0.50529	0.95511	0.46398	0.91339	4.58E-02	0.00404	8.7E-06	0.00212	0.05196	5.78E-02	0.0051	7.37E-06	0.001235	6.41E-02	0.056971	0.004386	6.02E-06	0.001312	0.062675
451	488919.6	3857500.76	0.49178	0.91606	0.45156	0.88821	4.46E-02	0.00388	8.5E-06	0.00206	0.05051	5.62E-02	0.004891	7.18E-06	0.001201	6.23E-02	0.055448	0.004207	5.86E-06	0.001276	0.060936
452	488819.6	3857550.76	0.51691	0.94938	0.45411	0.96452	4.68E-02	0.00402	8.5E-06	0.00223	0.0531	5.91E-02	0.005069	7.22E-06	0.001304	6.55E-02	0.058281	0.00436	5.89E-06	0.001385	0.064032
453	488869.6	3857550.76	0.50252	0.91201	0.44217	0.93537	4.55E-02	0.00386	8.3E-06	0.00217	0.05157	5.75E-02	0.00487	7.03E-06	0.001265	6.36E-02	0.056659	0.004188	5.74E-06	0.001343	0.062196
454	488919.6	3857550.76	0.48861	0.87589	0.43051	0.90839	4.43E-02	0.00371	8.1E-06	0.0021	0.0501	5.59E-02	0.004677	6.84E-06	0.001228	6.18E-02	0.055091	0.004022	5.59E-06	0.001304	0.060423
455	489663.71	3860900.05	0.03939	0.03822	0.03451	0.04519	3.57E-03	0.00016	6.5E-07	0.0001	0.00384	4.51E-03	0.000204	5.48E-07	6.11E-05	4.77E-03	0.004441	0.000176	4.48E-07	6.49E-05	0.004682
456	489813.71	3860900.05	0.03961	0.03849	0.0346	0.04543	3.59E-03	0.00016	6.5E-07	0.00011	0.00386	4.53E-03	0.000206	5.5E-07	6.14E-05	4.80E-03	0.004466	0.000177	4.49E-07	6.52E-05	0.004708
457	489863.71	3860900.05	0.03963	0.03855	0.03458	0.04545	3.59E-03	0.00016	6.5E-07	0.00011	0.00386	4.53E-03	0.000206	5.5E-07	6.15E-05	4.80E-03	0.004468	0.000177	4.49E-07	6.53E-05	0.004711
458	489913.71	3860900.05	0.03978	0.03873	0.03465	0.04556	3.60E-03	0.00016	6.5E-07	0.00011	0.00387	4.55E-03	0.000207	5.51E-07	6.16E-05	4.82E-03	0.004485	0.000178	4.5E-07	6.54E-05	0.004729
459	489963.71	3860900.05	0.03981	0.03881	0.03463	0.04558	3.61E-03	0.00016	6.5E-07	0.00011	0.00388	4.55E-03	0.000207	5.5E-07	6.16E-05	4.82E-03	0.004489	0.000178	4.5E-07	6.55E-05	0.004733
460	490013.71	3860900.05	0.03996	0.03901	0.03471	0.04569	3.62E-03	0.00017	6.5E-07	0.00011	0.00389	4.57E-03	0.000208	5.52E-07	6.18E-05	4.84E-03	0.004505	0.000179	4.51E-07	6.56E-05	0.004751
461	490063.71	3860900.05	0.04005	0.03915	0.03474	0.04576	3.63E-03	0.00017	6.5E-07	0.00011	0.0039	4.58E-03	0.000209	5.52E-07	6.19E-05	4.85E-03	0.004516	0.00018	4.51E-07	6.57E-05	0.004762
462	489663.71	3860950.05	0.03853	0.03742	0.03387	0.04416	3.49E-03	0.00016	6.3E-07	0.0001	0.00375	4.41E-03	0.0002	5.38E-07	5.97E-05	4.67E-03	0.004344	0.000172	4.4E-07	6.34E-05	0.00458
463	489813.71	3860950.05	0.03872	0.03765	0.03397	0.04442	3.51E-03	0.00016	6.4E-07	0.0001	0.00377	4.43E-03	0.000201	5.4E-07	6.01E-05	4.69E-03	0.004366	0.000173	4.41E-07	6.38E-05	0.004603
464	489863.71	3860950.05	0.03873	0.03768	0.03394	0.04443	3.51E-03	0.00016	6.4E-07	0.0001	0.00377	4.43E-03	0.000201	5.39E-07	6.01E-05	4.69E-03	0.004367	0.000173	4.41E-07	6.38E-05	0.004604
465	489913.71	3860950.05	0.03884	0.03782	0.03398	0.04451	3.52E-03	0.00016	6.4E-07	0.0001	0.00378	4.44E-03	0.000202	5.4E-07	6.02E-05	4.71E-03	0.004379	0.000174	4.41E-07	6.39E-05	0.004617
466	489963.71	3860950.05	0.0389	0.03792	0.03398	0.04455	3.53E-03	0.00016	6.4E-07	0.0001	0.00379	4.45E-03	0.000202	5.4E-07	6.02E-05	4.71E-03	0.004386	0.000174	4.41E-07	6.4E-05	0.004625
467	490013.71	3860950.05	0.03899	0.03806	0.03401	0.04462	3.53E-03	0.00016	6.4E-07	0.0001	0.0038	4.46E-03	0.000203	5.41E-07	6.03E-05	4.72E-03	0.004396	0.000175	4.41E-07	6.41E-05	0.004635
468	490063.71	3860950.05	0.0391	0.03821	0.03405	0.0447	3.54E-03	0.00016	6.4E-07	0.0001	0.00381	4.47E-03	0.000204	5.41E-07	6.04E-05	4.74E-03	0.004409	0.000175	4.42E-07	6.42E-05	0.004649
469	489513.71	3861000.05	0.03765	0.03647	0.03314	0.04275	3.41E-03	0.00015	6.2E-07	9.9E-05	0.00367	4.31E-03	0.000195	5.27E-07	5.78E-05	4.56E-03	0.004245	0.000167	4.3E-07	6.14E-05	0.004474
470	489563.71	3861000.05	0.03765	0.03653	0.03316	0.04289	3.41E-03	0.00015	6.2E-07	9.9E-05	0.00367	4.31E-03	0.000195	5.27E-07	5.8E-05	4.56E-03	0.004245	0.000168	4.3E-07	6.16E-05	0.004475
471	489613.71	3861000.05	0.0377	0.03662	0.03323	0.04305	3.42E-03	0.00015	6.2E-07	1E-04	0.00367	4.31E-03	0.000196	5.28E-07	5.82E-05	4.57E-03	0.004251	0.000168	4.31E-07	6.18E-05	0.004481
472	489663.71	3861000.05	0.03773	0.03667	0.03327	0.04317	3.42E-03	0.00016	6.2E-07	1E-04	0.00367	4.32E-03	0.000196	5.29E-07	5.84E-05	4.57E-03	0.004254	0.000168	4.32E-07	6.2E-05	0.004485
473	489713.71	3861000.05	0.03774	0.03669	0.03328	0.04325	3.42E-03	0.00016	6.2E-07	0.0001	0.00368	4.32E-03	0.000196	5.29E-07	5.85E-05	4.57E-03	0.004255	0.000168	4.32E-07	6.21E-05	0.004486
474	489763.71	3861000.05	0.03778	0.03674	0.0333	0.04334	3.42E-03	0.00016	6.2E-07	0.0001	0.00368	4.32E-03	0.000196	5.29E-07	5.86E-05	4.58E-03	0.00426	0.000169	4.32E-07	6.22E-05	0.004491
475	489813.71	3861000.05	0.0379	0.03687	0.03338	0.04345	3.43E-03	0.00016	6.2E-07	0.0001	0.00369	4.33E-03	0.000197	5.31E-07	5.87E-05	4.59E-03	0.004273	0.000169	4.33E-07	6.24E-05	0.004505
476	489863.71	3861000.05	0.0379	0.03688	0.03334	0.04346	3.43E-03	0.00016	6.2E-07	0.0001	0.00369	4.33E-03	0.000197	5.3E-07	5.88E-05	4.59E-03	0.004273	0.000169	4.33E-07	6.24E-05	0.004505
477	489913.71	3861000.05	0.038	0.03701	0.03338	0.04354	3.44E-03	0.00016	6.2E-07	0.0001	0.0037	4.35E-03	0.000198	5.31E-07	5.89E-05	4.60E-03	0.004284	0.00017	4.33E-07	6.25E-05	0.004517
478	489963.71	3861000.05	0.03802	0.03706	0.03335	0.04356	3.45E-03	0.00016	6.2E-07	0.0001	0.0037	4.35E-03	0.000198	5.3E-07	5.89E-05	4.61E-03	0.004287	0.00017	4.33E-07	6.26E-05	0.00452
479	490013.71	3861000.05	0.03811	0.03719	0.03338	0.04362	3.45E-03	0.00016	6.2E-07	0.0001	0.00371	4.36E-03	0.000199	5.31E-07	5.9E-05	4.62E-03	0.004297	0.000171	4.33E-07	6.26E-05	0.004531
480	490063.71	3861000.05	0.03818	0.03731	0.0334	0.04368	3.46E-03	0.00016	6.3E-07	0.0001	0.00372	4.37E-03	0.000199	5.31E-07	5.91E-05	4.63E-03	0.004305	0.000171	4.34E-07	6.27E-05	0.004539
481	489513.71	3861050.05	0.03691	0.03576	0.03257	0.04179	3.34E-03	0.00015	6.1E-07	9.7E-05	0.00359	4.22E-03	0.000191	5.18E-07	5.65E-05	4.47E-03	0.004162	0.000164	4.23E-07	6E-05	0.004386
482	489563.71	3861050.05	0.03691	0.03583	0.03259	0.04194	3.34E-03	0.00015	6.1E-07	9.7E-05	0.00359	4.22E-03	0.000191	5.18E-07	5.67E-05	4.47E-03	0.004162	0.000165	4.23E-07	6.02E-05	0.004387
483	489613.71	3861050.05	0.03699	0.03596	0.03269	0.04213	3.35E-03	0.00015	6.1E-07	9.8E-05	0.0036	4.23E-03	0.000192	5.2E-07	5.7E-05	4.48E-03	0.004171	0.000165	4.24E-07	6.05E-05	0.004397
484	489663.71	3861050.05	0.03696	0.03594	0.03267	0.04221	3.35E-03	0.00015	6.1E-07	9.8E-05	0.0036	4.23E-03	0.000192	5.19E-07	5.71E-05	4.48E-03	0.004167	0.000165	4.24E-07	6.06E-05	0.004393

485	489713.71	3861050.05	0.03695	0.03594	0.03268	0.04229	3.35E-03	0.00015	6.1E-07	9.8E-05	0.0036	4.23E-03	0.000192	5.19E-07	5.72E-05	4.48E-03	0.004166	0.000165	4.24E-07	6.07E-05	0.004392
486	489763.71	3861050.05	0.03699	0.036	0.03271	0.04239	3.35E-03	0.00015	6.1E-07	9.8E-05	0.0036	4.23E-03	0.000192	5.2E-07	5.73E-05	4.48E-03	0.004171	0.000165	4.25E-07	6.09E-05	0.004397
487	489813.71	3861050.05	0.03707	0.03608	0.03276	0.04248	3.36E-03	0.00015	6.1E-07	9.8E-05	0.00361	4.24E-03	0.000193	5.21E-07	5.74E-05	4.49E-03	0.00418	0.000166	4.25E-07	6.1E-05	0.004407
488	489863.71	3861050.05	0.0371	0.03612	0.03276	0.04253	3.36E-03	0.00015	6.1E-07	9.9E-05	0.00361	4.24E-03	0.000193	5.21E-07	5.75E-05	4.49E-03	0.004183	0.000166	4.25E-07	6.11E-05	0.00441
489	489913.71	3861050.05	0.03715	0.03619	0.03277	0.04257	3.37E-03	0.00015	6.1E-07	9.9E-05	0.00362	4.25E-03	0.000193	5.21E-07	5.76E-05	4.50E-03	0.004189	0.000166	4.25E-07	6.11E-05	0.004416
490	489963.71	3861050.05	0.0372	0.03626	0.03276	0.04261	3.37E-03	0.00015	6.1E-07	9.9E-05	0.00362	4.25E-03	0.000194	5.21E-07	5.76E-05	4.51E-03	0.004194	0.000167	4.25E-07	6.12E-05	0.004422
491	490013.71	3861050.05	0.0373	0.0364	0.03281	0.04269	3.38E-03	0.00015	6.1E-07	9.9E-05	0.00363	4.27E-03	0.000194	5.21E-07	5.77E-05	4.52E-03	0.004206	0.000167	4.26E-07	6.13E-05	0.004434
492	490063.71	3861050.05	0.03736	0.0365	0.03281	0.04273	3.39E-03	0.00015	6.1E-07	9.9E-05	0.00364	4.27E-03	0.000195	5.21E-07	5.78E-05	4.53E-03	0.004212	0.000168	4.26E-07	6.14E-05	0.004442
493	489513.71	3861100.05	0.03627	0.03514	0.03207	0.04091	3.29E-03	0.00015	6E-07	9.5E-05	0.00353	4.15E-03	0.000188	5.1E-07	5.53E-05	4.39E-03	0.004089	0.000161	4.16E-07	5.87E-05	0.00431
494	489563.71	3861100.05	0.03618	0.03512	0.03202	0.041	3.28E-03	0.00015	6E-07	9.5E-05	0.00352	4.14E-03	0.000188	5.09E-07	5.54E-05	4.38E-03	0.004079	0.000161	4.16E-07	5.89E-05	0.0043
495	489613.71	3861100.05	0.03608	0.03508	0.03197	0.04107	3.27E-03	0.00015	6E-07	9.5E-05	0.00351	4.13E-03	0.000187	5.08E-07	5.55E-05	4.37E-03	0.004068	0.000161	4.15E-07	5.9E-05	0.004289
496	489663.71	3861100.05	0.03611	0.03514	0.03202	0.04121	3.27E-03	0.00015	6E-07	9.5E-05	0.00352	4.13E-03	0.000188	5.09E-07	5.57E-05	4.37E-03	0.004071	0.000161	4.16E-07	5.92E-05	0.004292
497	489713.71	3861100.05	0.03615	0.03519	0.03206	0.04133	3.28E-03	0.00015	6E-07	9.6E-05	0.00352	4.13E-03	0.000188	5.1E-07	5.59E-05	4.38E-03	0.004076	0.000162	4.16E-07	5.94E-05	0.004297
498	489763.71	3861100.05	0.03619	0.03524	0.0321	0.04143	3.28E-03	0.00015	6E-07	9.6E-05	0.00353	4.14E-03	0.000188	5.1E-07	5.6E-05	4.38E-03	0.00408	0.000162	4.17E-07	5.95E-05	0.004302
499	489813.71	3861100.05	0.03626	0.03531	0.03215	0.04154	3.29E-03	0.00015	6E-07	9.6E-05	0.00353	4.15E-03	0.000189	5.11E-07	5.62E-05	4.39E-03	0.004088	0.000162	4.17E-07	5.97E-05	0.004311
500	489863.71	3861100.05	0.03636	0.03542	0.03221	0.04164	3.30E-03	0.00015	6E-07	9.6E-05	0.00354	4.16E-03	0.000189	5.12E-07	5.63E-05	4.40E-03	0.0041	0.000163	4.18E-07	5.98E-05	0.004322
501	489913.71	3861100.05	0.03636	0.03543	0.03219	0.04166	3.30E-03	0.00015	6E-07	9.6E-05	0.00354	4.16E-03	0.000189	5.12E-07	5.63E-05	4.40E-03	0.0041	0.000163	4.18E-07	5.98E-05	0.004323
502	489963.71	3861100.05	0.03641	0.0355	0.03219	0.0417	3.30E-03	0.00015	6E-07	9.7E-05	0.00355	4.16E-03	0.00019	5.12E-07	5.64E-05	4.41E-03	0.004105	0.000163	4.18E-07	5.99E-05	0.004329
503	490013.71	3861100.05	0.03643	0.03554	0.03217	0.04172	3.30E-03	0.00015	6E-07	9.7E-05	0.00355	4.17E-03	0.00019	5.11E-07	5.64E-05	4.41E-03	0.004107	0.000163	4.18E-07	5.99E-05	0.004331
504	490063.71	3861100.05	0.03649	0.03564	0.03218	0.04177	3.31E-03	0.00015	6E-07	9.7E-05	0.00355	4.17E-03	0.00019	5.11E-07	5.65E-05	4.42E-03	0.004114	0.000164	4.18E-07	6E-05	0.004338
505	489713.71	3861150.05	0.0354	0.03448	0.03147	0.04041	3.21E-03	0.00015	5.9E-07	9.4E-05	0.00345	4.05E-03	0.000184	5E-07	5.46E-05	4.29E-03	0.003991	0.000158	4.08E-07	5.8E-05	0.004208
506	489763.71	3861150.05	0.03545	0.03454	0.03152	0.04053	3.21E-03	0.00015	5.9E-07	9.4E-05	0.00345	4.05E-03	0.000184	5.01E-07	5.48E-05	4.29E-03	0.003997	0.000159	4.09E-07	5.82E-05	0.004214
507	489813.71	3861150.05	0.03551	0.0346	0.03158	0.04064	3.22E-03	0.00015	5.9E-07	9.4E-05	0.00346	4.06E-03	0.000185	5.02E-07	5.49E-05	4.30E-03	0.004004	0.000159	4.1E-07	5.84E-05	0.004221
508	489863.71	3861150.05	0.03555	0.03465	0.0316	0.04071	3.22E-03	0.00015	5.9E-07	9.4E-05	0.00346	4.07E-03	0.000185	5.02E-07	5.5E-05	4.31E-03	0.004008	0.000159	4.1E-07	5.85E-05	0.004226
509	489913.71	3861150.05	0.03558	0.03468	0.03161	0.04076	3.22E-03	0.00015	5.9E-07	9.4E-05	0.00347	4.07E-03	0.000185	5.02E-07	5.51E-05	4.31E-03	0.004012	0.000159	4.1E-07	5.85E-05	0.00423
510	489963.71	3861150.05	0.0356	0.03471	0.03159	0.04079	3.23E-03	0.00015	5.9E-07	9.4E-05	0.00347	4.07E-03	0.000185	5.02E-07	5.52E-05	4.31E-03	0.004014	0.000159	4.1E-07	5.86E-05	0.004232
511	490013.71	3861150.05	0.03563	0.03476	0.03158	0.04081	3.23E-03	0.00015	5.9E-07	9.5E-05	0.00347	4.08E-03	0.000186	5.02E-07	5.52E-05	4.32E-03	0.004017	0.00016	4.1E-07	5.86E-05	0.004236
512	490063.71	3861150.05	0.03571	0.03487	0.03161	0.04087	3.24E-03	0.00015	5.9E-07	9.5E-05	0.00348	4.08E-03	0.000186	5.02E-07	5.53E-05	4.33E-03	0.004026	0.00016	4.1E-07	5.87E-05	0.004246
513	489613.71	3861200.05	0.03459	0.03363	0.03078	0.03921	3.13E-03	0.00014	5.8E-07	9.1E-05	0.00337	3.96E-03	0.00018	4.89E-07	5.3E-05	4.19E-03	0.0039	0.000154	4E-07	5.63E-05	0.004111
514	489663.71	3861200.05	0.03463	0.03372	0.03084	0.03937	3.14E-03	0.00014	5.8E-07	9.1E-05	0.00337	3.96E-03	0.00018	4.9E-07	5.32E-05	4.19E-03	0.003905	0.000155	4E-07	5.65E-05	0.004116
515	489713.71	3861200.05	0.03468	0.0338	0.0309	0.03952	3.14E-03	0.00014	5.8E-07	9.2E-05	0.00338	3.97E-03	0.00018	4.91E-07	5.34E-05	4.20E-03	0.00391	0.000155	4.01E-07	5.68E-05	0.004123
516	489763.71	3861200.05	0.03472	0.03386	0.03095	0.03964	3.15E-03	0.00014	5.8E-07	9.2E-05	0.00338	3.97E-03	0.000181	4.92E-07	5.36E-05	4.21E-03	0.003915	0.000155	4.02E-07	5.69E-05	0.004127
517	489813.71	3861200.05	0.03478	0.03392	0.03101	0.03976	3.15E-03	0.00014	5.8E-07	9.2E-05	0.00339	3.98E-03	0.000181	4.93E-07	5.38E-05	4.21E-03	0.003921	0.000156	4.03E-07	5.71E-05	0.004135
518	489863.71	3861200.05	0.03485	0.03399	0.03107	0.03986	3.16E-03	0.00014	5.8E-07	9.2E-05	0.00339	3.99E-03	0.000181	4.94E-07	5.39E-05	4.22E-03	0.003929	0.000156	4.03E-07	5.72E-05	0.004143
519	489913.71	3861200.05	0.03487	0.03401	0.03107	0.03992	3.16E-03	0.00014	5.8E-07	9.2E-05	0.0034	3.99E-03	0.000182	4.94E-07	5.4E-05	4.22E-03	0.003932	0.000156	4.03E-07	5.73E-05	0.004145
520	489963.71	3861200.05	0.03488	0.03402	0.03106	0.03994	3.16E-03	0.00014	5.8E-07	9.3E-05	0.0034	3.99E-03	0.000182	4.94E-07	5.4E-05	4.23E-03	0.003933	0.000156	4.03E-07	5.74E-05	0.004147
521	490013.71	3861200.05	0.03492	0.03407	0.03106	0.03998	3.16E-03	0.00014	5.8E-07	9.3E-05	0.0034	3.99E-03	0.000182	4.94E-07	5.41E-05	4.23E-03	0.003937	0.000156	4.03E-07	5.74E-05	0.004151
522	490063.71	3861200.05	0.03495	0.03412	0.03105	0.04	3.17E-03	0.00014	5.8E-07	9.3E-05	0.0034	4.00E-03	0.000182	4.93E-07	5.41E-05	4.23E-03	0.003941	0.000157	4.03E-07	5.74E-05	0.004155
523	489513.71	3861250.05	0.0338	0.03266	0.0301	0.038	3.06E-03	0.00014	5.6E-07	8.8E-05	0.00329	3.87E-03	0.000174	4.78E-07	5.14E-05	4.09E-03	0.003811	0.00015	3.91E-07	5.46E-05	0.004016
524	489563.71	3861250.05	0.03388	0.03285	0.03018	0.03819	3.07E-03	0.00014	5.6E-07	8.8E-05	0.0033	3.88E-03	0.000175	4.8E-07	5.16E-05	4.10E-03	0.00382	0.000151	3.92E-07	5.48E-05	0.004026
525	489613.71	3861250.05	0.03393	0.03299	0.03025	0.03837	3.07E-03	0.00014	5.7E-07	8.9E-05	0.0033	3.88E-03	0.000176	4.81E-07	5.19E-05	4.11E-03	0.003826	0.000152	3.93E-07	5.51E-05	0.004033
526	489663.71	3861250.05	0.03395	0.03307	0.0303	0.03851	3.08E-03	0.00014	5.7E-07	8.9E-05	0.00331	3.88E-03	0.000177	4.82E-07	5.21E-05	4.11E-03	0.003828	0.000152	3.93E-07	5.53E-05	0.004035
527	489713.71	3861250.05	0.03399	0.03314	0.03035	0.03866	3.08E-03	0.00014	5.7E-07	9E-05	0.00331	3.89E-03	0.000177	4.82E-07	5.23E-05	4.12E-03	0.003832	0.000152	3.94E-07	5.55E-05	0.00404
528	489763.71	3861250.05	0.03404	0.03321	0.03041	0.03879	3.08E-03	0.00014	5.7E-07	9E-05	0.00332	3.89E-03	0.000177	4.83E-07	5.24E-05	4.12E-03	0.003838	0.000153	3.95E-07	5.57E-05	0.004047
529	489813.71	3861250.05	0.03408	0.03326	0.03046	0.0389	3.09E-03	0.00014	5.7E-07	9E-05	0.00332	3.90E-03	0.000178	4.84E-07	5.26E-05	4.13E-03	0.003843	0.000153	3.95E-07	5.59E-05	0.004052
530	489863.71	3861250.05	0.03412	0.0333	0.0305	0.039	3.09E-03	0.00014	5.7E-07	9E-05	0.00332	3.90E-03	0.000178	4.85E-07	5.27E-05	4.13E-03	0.003847	0.000153	3.96E-07	5.6E-05	0.004056
531	489913.71	3861250.05	0.03418	0.03335	0.03054	0.03909	3.10E-03	0.00014	5.7E-07	9.1E-05	0.00333	3.91E-03	0.000178	4.85E-07	5.29E-05	4.14E-03	0.003854	0.000153	3.96E-07	5.61E-05	0.004063
532	489963.71	3861250.05	0.03422	0.03339	0.03056	0.03914	3.10E-03	0.00014	5.7E-07	9.1E-05	0.00333	3.91E-03	0.000178	4.86E-07	5.29E-05	4.15E-03	0.003858	0.000153	3.97E-07	5.62E-05	0.004068
533	490013.71	3861250.05	0.03424	0.03342	0.03056	0.03917	3.10E-03	0.00014	5.7E-07	9.1E-05	0.00334	3.92E-03	0.000178	4.86E-07	5.3E-05	4.15E-03	0.003861	0.000153	3.97E-07	5.63E-05	0.004071
534	490063.71	3861250.05	0.03423	0.03342	0.03052	0.03917	3.10E-03	0.00014	5.7E-07	9.1E-05	0.00333	3.92E-03	0.000178	4.85E-07	5.3E-05	4.15E-03	0.003859	0.000153	3.96E-07	5.63E-05	0.00407
535	489528.13	3861308.47	0.03303	0.03191	0.02949	0.03708	2.99E-03	0.00013	5.5E-07	8.6E-05	0.00321	3.78E-03	0.00017	4.69E-07	5.01E-05	4.00E-03	0.003724	0.000147	3.83E-07	5.32E-05	0.003924
536	489578.13	3861308.47	0.03309	0.03208	0.02956	0.03724	3.00E-03	0.00014	5.5E-07	8.6E-05	0.00322	3.78E-03	0.000171	4.7E-07	5.04E-05	4.01E-03	0.003731	0.000147	3.84E-07	5.35E-05	0.003932
537	489628.13	3861308.47	0.03314	0.03222	0.02962	0.03741	3.00E-03	0.00014	5.5E-07	8.7E-05	0.00323	3.79E-03	0.000172	4.71E-07	5.06E-05	4.01E-03	0.003737	0.000148	3.84E-07	5.37E-05	0.003939
538	489678.13	3861308.47	0.03319	0.03234	0.02969	0.03758	3.01E-03	0.00014	5.6E-07	8.7E-05	0.00323	3.80E-03	0.000173	4.72E-07	5.08E-05	4.02E-03	0.003742	0.000149	3.85E-07	5.4E-05	0.003945
539	489728.13	3861308.47	0.03323	0.03243	0.02975	0.03772	3.01E-03	0.00014	5.6E-07	8.7E-05	0.00324	3.80E-03	0.000173	4.73E-07	5.1E-05	4.03E-03	0.003747	0.000149	3.86E-07	5.42E-05	0.00395
540	489778.13	3861308.47	0.03326	0.03247	0.02979	0.03785	3.01E-03	0.00014	5.6E-07	8.8E-05	0.00324	3.80E-03	0.000173	4.73E-07	5.12E-05	4.03E-03	0.00375	0.000149	3.87E-07	5.44E-05	0.003954
541	489678.13	3861358.47	0.03254	0.0317	0.02916	0.03676	2.95E-03	0.00013	5.5E-07	8.5E-05	0.00317	3.72E-03	0.000169	4.63E-07	4.97E-05	3.94E-03	0.003669	0.000146	3.79E-07	5.28E-05	0.003868
542	489728.13	3861358.47	0.03258	0.03179	0.02921	0.03691	2.95E-03	0.00013	5.5E-07	8.5E-05	0.00317	3.73E-03	0.00017	4.64E-07	4.99E-05	3.95E-03	0.003673	0.000146	3.79E-07	5.3E-05	0.003873
543	489528.13	3861408.47	0.03175	0.03057	0.02845	0.0355	2.88E-03	0.00013	5.3E-07	8.2E-05	0.00309	3.63E-03	0.000163	4.52E-07	4.8E-05	3.84E-03	0.00358	0.00014	3.69E-07	5.1E-05	0.003772
544	489578.13	3861408.47	0.03181	0.03076	0.02851	0.03565	2.88E-03	0.00013	5.3E-07	8.3E-05	0.0031	3.64E-03	0.000164	4.53E-07	4.82E-05	3.85E-03	0.003587	0.000141	3.7E-07	5.12E-05	0.003779
545	489628.13	3861408.47	0.03191	0.03098	0.02862	0.03584	2.89E-03	0.00013	5.4E-07	8.3E-05	0.00311	3.65E-03	0.000165	4.55E-07	4.85E-05	3.86E-03	0.003598	0.000142	3.71E-07	5.15E-05	0.003792

546	489678.13	3861408.47	0.03193	0.03109	0.02866	0.03598	2.89E-03	0.00013	5.4E-07	8.3E-05	0.00311	3.65E-03	0.000166	4.55E-07	4.86E-05	3.87E-03	0.0036	0.000143	3.72E-07	5.17E-05	0.003795
547	489728.13	3861408.47	0.03194	0.03117	0.0287	0.03611	2.89E-03	0.00013	5.4E-07	8.4E-05	0.00311	3.65E-03	0.000166	4.56E-07	4.88E-05	3.87E-03	0.003601	0.000143	3.73E-07	5.19E-05	0.003797
548	489528.13	3861458.47	0.03117	0.02996	0.02798	0.03478	2.82E-03	0.00013	5.2E-07	8.1E-05	0.00303	3.57E-03	0.00016	4.45E-07	4.7E-05	3.77E-03	0.003514	0.000138	3.63E-07	4.99E-05	0.003702
549	489578.13	3861458.47	0.03123	0.03016	0.02805	0.03492	2.83E-03	0.00013	5.3E-07	8.1E-05	0.00304	3.57E-03	0.000161	4.46E-07	4.72E-05	3.78E-03	0.003521	0.000139	3.64E-07	5.01E-05	0.00371
550	489628.13	3861458.47	0.03128	0.03033	0.02811	0.03507	2.83E-03	0.00013	5.3E-07	8.1E-05	0.00304	3.58E-03	0.000162	4.47E-07	4.74E-05	3.79E-03	0.003527	0.000139	3.65E-07	5.04E-05	0.003717
551	489678.13	3861458.47	0.03131	0.03046	0.02815	0.03521	2.84E-03	0.00013	5.3E-07	8.2E-05	0.00305	3.58E-03	0.000163	4.47E-07	4.76E-05	3.79E-03	0.00353	0.00014	3.65E-07	5.06E-05	0.003721
552	489728.13	3861458.47	0.0313	0.03053	0.02816	0.03532	2.84E-03	0.00013	5.3E-07	8.2E-05	0.00305	3.58E-03	0.000163	4.48E-07	4.78E-05	3.79E-03	0.003529	0.00014	3.66E-07	5.07E-05	0.00372
553	489528.13	3861508.47	0.0306	0.02935	0.02752	0.03408	2.77E-03	0.00012	5.2E-07	7.9E-05	0.00298	3.50E-03	0.000157	4.37E-07	4.61E-05	3.70E-03	0.00345	0.000135	3.57E-07	4.89E-05	0.003634
554	489578.13	3861508.47	0.03064	0.02953	0.02756	0.03419	2.78E-03	0.00012	5.2E-07	7.9E-05	0.00298	3.50E-03	0.000158	4.38E-07	4.62E-05	3.71E-03	0.003455	0.000136	3.58E-07	4.91E-05	0.00364
555	489628.13	3861508.47	0.03067	0.02969	0.02761	0.03432	2.78E-03	0.00013	5.2E-07	7.9E-05	0.00298	3.51E-03	0.000159	4.39E-07	4.64E-05	3.71E-03	0.003458	0.000136	3.58E-07	4.93E-05	0.003644
556	489678.13	3861508.47	0.03069	0.02982	0.02764	0.03444	2.78E-03	0.00013	5.2E-07	8E-05	0.00299	3.51E-03	0.000159	4.39E-07	4.66E-05	3.72E-03	0.00346	0.000137	3.59E-07	4.95E-05	0.003647
557	489728.13	3861508.47	0.0307	0.02992	0.02767	0.03457	2.78E-03	0.00013	5.2E-07	8E-05	0.00299	3.51E-03	0.00016	4.4E-07	4.67E-05	3.72E-03	0.003461	0.000137	3.59E-07	4.96E-05	0.003649
558	489628.13	3861558.47	0.03013	0.02912	0.02716	0.03364	2.73E-03	0.00012	5.1E-07	7.8E-05	0.00293	3.45E-03	0.000155	4.32E-07	4.55E-05	3.65E-03	0.003397	0.000134	3.53E-07	4.83E-05	0.00358
559	489678.13	3861558.47	0.0302	0.0293	0.02723	0.03379	2.74E-03	0.00012	5.1E-07	7.8E-05	0.00294	3.45E-03	0.000156	4.33E-07	4.57E-05	3.66E-03	0.003405	0.000135	3.53E-07	4.85E-05	0.003588
560	489728.13	3861558.47	0.03021	0.02942	0.02727	0.03391	2.74E-03	0.00012	5.1E-07	7.9E-05	0.00294	3.46E-03	0.000157	4.33E-07	4.59E-05	3.66E-03	0.003406	0.000135	3.54E-07	4.87E-05	0.00359
561	489357.08	3861015.81	0.03733	0.03583	0.03282	0.04191	3.38E-03	0.00015	6.1E-07	9.7E-05	0.00363	4.27E-03	0.000191	5.22E-07	5.67E-05	4.52E-03	0.004209	0.000165	4.26E-07	6.02E-05	0.004434
562	489407.08	3861015.81	0.03731	0.03594	0.03282	0.04204	3.38E-03	0.00015	6.1E-07	9.7E-05	0.00363	4.27E-03	0.000192	5.22E-07	5.68E-05	4.52E-03	0.004207	0.000165	4.26E-07	6.04E-05	0.004433
563	489457.08	3861015.81	0.03732	0.03606	0.03285	0.0422	3.38E-03	0.00015	6.1E-07	9.8E-05	0.00363	4.27E-03	0.000193	5.22E-07	5.71E-05	4.52E-03	0.004208	0.000166	4.26E-07	6.06E-05	0.004434
564	489357.08	3861065.81	0.03658	0.03507	0.03224	0.04097	3.31E-03	0.00015	6E-07	9.5E-05	0.00356	4.18E-03	0.000187	5.12E-07	5.54E-05	4.43E-03	0.004124	0.000161	4.18E-07	5.88E-05	0.004345
565	489407.08	3861065.81	0.03655	0.03518	0.03223	0.04108	3.31E-03	0.00015	6E-07	9.5E-05	0.00356	4.18E-03	0.000188	5.12E-07	5.55E-05	4.42E-03	0.004121	0.000162	4.18E-07	5.9E-05	0.004342
566	489457.08	3861065.81	0.03657	0.03532	0.03227	0.04124	3.31E-03	0.00015	6E-07	9.6E-05	0.00356	4.18E-03	0.000189	5.13E-07	5.58E-05	4.43E-03	0.004123	0.000162	4.19E-07	5.92E-05	0.004345
567	489357.08	3861115.81	0.03582	0.0343	0.03165	0.04005	3.25E-03	0.00015	5.9E-07	9.3E-05	0.00348	4.10E-03	0.000183	5.03E-07	5.42E-05	4.33E-03	0.004039	0.000158	4.11E-07	5.75E-05	0.004254
568	489407.08	3861115.81	0.03586	0.03449	0.0317	0.0402	3.25E-03	0.00015	5.9E-07	9.3E-05	0.00349	4.10E-03	0.000184	5.04E-07	5.44E-05	4.34E-03	0.004043	0.000158	4.11E-07	5.77E-05	0.00426
569	489457.08	3861115.81	0.0359	0.03465	0.03175	0.04036	3.25E-03	0.00015	5.9E-07	9.3E-05	0.00349	4.11E-03	0.000185	5.05E-07	5.46E-05	4.35E-03	0.004048	0.000159	4.12E-07	5.8E-05	0.004265
570	489407.08	3861165.81	0.03519	0.0338	0.03117	0.03934	3.19E-03	0.00014	5.8E-07	9.1E-05	0.00342	4.02E-03	0.00018	4.95E-07	5.32E-05	4.26E-03	0.003968	0.000155	4.05E-07	5.65E-05	0.00418
571	489457.08	3861165.81	0.03518	0.03392	0.03118	0.03946	3.19E-03	0.00014	5.8E-07	9.1E-05	0.00342	4.02E-03	0.000181	4.96E-07	5.34E-05	4.26E-03	0.003967	0.000156	4.05E-07	5.67E-05	0.004179
572	489407.08	3861215.81	0.03432	0.0329	0.03048	0.03837	3.11E-03	0.00014	5.7E-07	8.9E-05	0.00334	3.93E-03	0.000176	4.84E-07	5.19E-05	4.15E-03	0.00387	0.000151	3.96E-07	5.51E-05	0.004076
573	489457.08	3861215.81	0.03434	0.03307	0.03051	0.0385	3.11E-03	0.00014	5.7E-07	8.9E-05	0.00334	3.93E-03	0.000177	4.85E-07	5.21E-05	4.16E-03	0.003872	0.000152	3.96E-07	5.53E-05	0.004079
574	489407.08	3861265.81	0.03348	0.03204	0.0298	0.03742	3.03E-03	0.00014	5.6E-07	8.7E-05	0.00326	3.83E-03	0.000171	4.74E-07	5.06E-05	4.05E-03	0.003775	0.000147	3.87E-07	5.37E-05	0.003976
575	489457.08	3861265.81	0.03355	0.03225	0.02987	0.03757	3.04E-03	0.00014	5.6E-07	8.7E-05	0.00326	3.84E-03	0.000172	4.75E-07	5.08E-05	4.06E-03	0.003783	0.000148	3.88E-07	5.4E-05	0.003985
576	489309.86	3861110.14	0.03583	0.03417	0.03165	0.04001	3.25E-03	0.00014	5.9E-07	9.3E-05	0.00348	4.10E-03	0.000182	5.03E-07	5.41E-05	4.34E-03	0.00404	0.000157	4.11E-07	5.75E-05	0.004255
577	489407.08	3861315.81	0.03281	0.03134	0.02927	0.03662	2.97E-03	0.00013	5.5E-07	8.5E-05	0.00319	3.75E-03	0.000167	4.65E-07	4.95E-05	3.97E-03	0.003699	0.000144	3.8E-07	5.26E-05	0.003896
578	489457.08	3861315.81	0.03288	0.03156	0.02934	0.03676	2.98E-03	0.00013	5.5E-07	8.5E-05	0.0032	3.76E-03	0.000169	4.66E-07	4.97E-05	3.98E-03	0.003707	0.000145	3.81E-07	5.28E-05	0.003905
579	488906.03	3861006.75	0.03736	0.03473	0.03277	0.04173	3.39E-03	0.00015	6.1E-07	9.7E-05	0.00363	4.27E-03	0.000185	5.21E-07	5.64E-05	4.52E-03	0.004212	0.000159	4.25E-07	5.99E-05	0.004432
580	488956.03	3861006.75	0.03751	0.03492	0.03292	0.04178	3.40E-03	0.00015	6.2E-07	9.7E-05	0.00364	4.29E-03	0.000186	5.23E-07	5.65E-05	4.53E-03	0.004229	0.00016	4.27E-07	6E-05	0.00445
581	488904.24	3861051.87	0.03721	0.03467	0.03271	0.04121	3.37E-03	0.00015	6.1E-07	9.5E-05	0.00361	4.26E-03	0.000185	5.2E-07	5.57E-05	4.50E-03	0.004195	0.000159	4.25E-07	5.92E-05	0.004414
582	488954.24	3861051.87	0.03699	0.03445	0.03253	0.04108	3.35E-03	0.00015	6.1E-07	9.5E-05	0.00359	4.23E-03	0.000184	5.17E-07	5.55E-05	4.47E-03	0.004171	0.000158	4.22E-07	5.9E-05	0.004388
583	489004.24	3861051.87	0.03719	0.03472	0.03273	0.04115	3.37E-03	0.00015	6.1E-07	9.5E-05	0.00361	4.25E-03	0.000185	5.2E-07	5.56E-05	4.50E-03	0.004193	0.000159	4.25E-07	5.91E-05	0.004412
584	488804.24	3861101.87	0.03613	0.03376	0.03175	0.04025	3.27E-03	0.00014	5.9E-07	9.3E-05	0.00351	4.13E-03	0.00018	5.05E-07	5.44E-05	4.37E-03	0.004074	0.000155	4.12E-07	5.78E-05	0.004287
585	488854.24	3861101.87	0.03624	0.03381	0.03189	0.0403	3.28E-03	0.00014	6E-07	9.3E-05	0.00352	4.15E-03	0.000181	5.07E-07	5.45E-05	4.38E-03	0.004086	0.000155	4.14E-07	5.79E-05	0.0043
586	488904.24	3861101.87	0.03582	0.03335	0.03156	0.04005	3.25E-03	0.00014	5.9E-07	9.3E-05	0.00348	4.10E-03	0.000178	5.02E-07	5.42E-05	4.33E-03	0.004039	0.000153	4.1E-07	5.75E-05	0.00425
587	488954.24	3861101.87	0.03572	0.03325	0.0315	0.03995	3.24E-03	0.00014	5.9E-07	9.3E-05	0.00347	4.09E-03	0.000178	5.01E-07	5.4E-05	4.32E-03	0.004027	0.000153	4.09E-07	5.74E-05	0.004238
588	489004.24	3861101.87	0.03576	0.03333	0.03156	0.03994	3.24E-03	0.00014	5.9E-07	9.3E-05	0.00347	4.09E-03	0.000178	5.02E-07	5.4E-05	4.32E-03	0.004032	0.000153	4.1E-07	5.74E-05	0.004243
589	488804.24	3861151.87	0.03484	0.0326	0.0307	0.03911	3.16E-03	0.00014	5.7E-07	9.1E-05	0.00339	3.98E-03	0.000174	4.88E-07	5.29E-05	4.21E-03	0.003928	0.00015	3.98E-07	5.62E-05	0.004134
590	488854.24	3861151.87	0.03477	0.03244	0.03068	0.03905	3.15E-03	0.00014	5.7E-07	9E-05	0.00338	3.98E-03	0.000173	4.88E-07	5.28E-05	4.20E-03	0.00392	0.000149	3.98E-07	5.61E-05	0.004126
591	489129.49	3861187.55	0.03436	0.03218	0.03047	0.03836	3.11E-03	0.00014	5.7E-07	8.9E-05	0.00334	3.93E-03	0.000172	4.84E-07	5.19E-05	4.15E-03	0.003874	0.000148	3.96E-07	5.51E-05	0.004077
592	489179.49	3861187.55	0.0344	0.03232	0.0305	0.03837	3.12E-03	0.00014	5.7E-07	8.9E-05	0.00334	3.93E-03	0.000173	4.85E-07	5.19E-05	4.16E-03	0.003879	0.000148	3.96E-07	5.51E-05	0.004083
593	488804.24	3861201.87	0.03416	0.03203	0.03016	0.03831	3.10E-03	0.00014	5.6E-07	8.9E-05	0.00332	3.91E-03	0.000171	4.79E-07	5.18E-05	4.13E-03	0.003852	0.000147	3.91E-07	5.5E-05	0.004054
594	488854.24	3861201.87	0.03399	0.03177	0.03006	0.0382	3.08E-03	0.00013	5.6E-07	8.8E-05	0.0033	3.89E-03	0.00017	4.78E-07	5.17E-05	4.11E-03	0.003832	0.000146	3.9E-07	5.49E-05	0.004034
595	489129.49	3861237.55	0.03375	0.03157	0.02999	0.03763	3.06E-03	0.00013	5.6E-07	8.7E-05	0.00328	3.86E-03	0.000169	4.77E-07	5.09E-05	4.08E-03	0.003805	0.000145	3.89E-07	5.4E-05	0.004005
596	489179.49	3861237.55	0.03371	0.03163	0.02996	0.03758	3.05E-03	0.00013	5.6E-07	8.7E-05	0.00328	3.86E-03	0.000169	4.76E-07	5.08E-05	4.08E-03	0.003801	0.000145	3.89E-07	5.4E-05	0.004
597	488804.24	3861251.87	0.03353	0.03153	0.02967	0.03757	3.04E-03	0.00013	5.6E-07	8.7E-05	0.00326	3.84E-03	0.000168	4.72E-07	5.08E-05	4.05E-03	0.00378	0.000145	3.85E-07	5.4E-05	0.00398
598	488854.24	3861251.87	0.03334	0.03123	0.02954	0.03745	3.02E-03	0.00013	5.5E-07	8.7E-05	0.00324	3.81E-03	0.000167	4.69E-07	5.06E-05	4.03E-03	0.003759	0.000143	3.83E-07	5.38E-05	0.003957
599	488804.24	3861301.87	0.03283	0.03094	0.02911	0.03678	2.98E-03	0.00013	5.4E-07	8.5E-05	0.00319	3.76E-03	0.000165	4.63E-07	4.97E-05	3.97E-03	0.003702	0.000142	3.78E-07	5.28E-05	0.003897
600	488854.24	3861301.87	0.03271	0.03071	0.02904	0.03671	2.96E-03	0.00013	5.4E-07	8.5E-05	0.00318	3.74E-03	0.000164	4.62E-07	4.96E-05	3.96E-03	0.003688	0.000141	3.77E-07	5.27E-05	0.003882
601	490943.5	3860181.97	0.054	0.05254	0.04419	0.06193	4.89E-03	0.00022	8.3E-07	0.00014	0.00526	6.18E-03	0.000281	7.02E-07	8.37E-05	6.54E-03	0.006088	0.000241	5.74E-07	8.89E-05	0.006419
602	490993.5	3860181.97	0.05388	0.0523	0.04393	0.06163	4.88E-03	0.00022	8.2E-07	0.00014	0.00525	6.16E-03	0.000279	6.98E-07	8.33E-05	6.53E-03	0.006075	0.00024	5.7E-07	8.85E-05	0.006404
603	491043.5	3860181.97	0.05379	0.0521	0.04369	0.06138	4.87E-03	0.00022	8.2E-07	0.00014	0.00524	6.15E-03	0.000278	6.94E-07	8.3E-05	6.51E-03	0.006065	0.000239	5.67E-07	8.81E-05	0.006393
604	491093.5	3860181.97	0.05366	0.05187	0.04343	0.06116	4.86E-03	0.00022	8.1E-07	0.00014	0.00522	6.14E-03	0.000277	6.9E-07	8.27E-05	6.50E-03	0.00605	0.000238	5.64E-07	8.78E-05	0.006377
605	490943.5	3860231.97	0.05259	0.05153	0.04355	0.06071	4.77E-03	0.00022	8.2E-07	0.00014	0.00513	6.02E-03	0.000275	6.92E-07	8.21E-05	6.37E-03	0.00593	0.000237	5.65E-07	8.72E-05	0.006254
606	490993.5	3860231.97	0.05255	0.05139	0.04337	0.06042	4.76E-03	0.00022	8.1E-07	0.00014	0.00512	6.01E-03	0.000274	6.89E-07	8.17E-05	6.37E-03	0.005925	0.000236	5.63E-07	8.68E-05	0.006248

607	491043.5	3860231.97	0.05234	0.05106	0.04304	0.06007	4.74E-03	0.00022	8.1E-07	0.00014	0.0051	5.99E-03	0.000273	6.84E-07	8.12E-05	6.34E-03	0.005901	0.000234	5.59E-07	8.63E-05	0.006223
608	491093.5	3860231.97	0.05216	0.05078	0.04274	0.05978	4.73E-03	0.00021	8E-07	0.00014	0.00508	5.97E-03	0.000271	6.79E-07	8.08E-05	6.32E-03	0.005881	0.000233	5.55E-07	8.58E-05	0.006201
609	490943.5	3860281.97	0.05131	0.05058	0.04295	0.0596	4.65E-03	0.00021	8E-07	0.00014	0.005	5.87E-03	0.00027	6.83E-07	8.06E-05	6.22E-03	0.005785	0.000232	5.58E-07	8.56E-05	0.006104
610	490993.5	3860281.97	0.05121	0.0504	0.04273	0.05926	4.64E-03	0.00021	8E-07	0.00014	0.00499	5.86E-03	0.000269	6.79E-07	8.01E-05	6.21E-03	0.005774	0.000231	5.55E-07	8.51E-05	0.006091
611	491043.5	3860281.97	0.05101	0.05011	0.04243	0.05889	4.62E-03	0.00021	7.9E-07	0.00014	0.00497	5.83E-03	0.000268	6.74E-07	7.96E-05	6.18E-03	0.005751	0.00023	5.51E-07	8.46E-05	0.006067
612	491093.5	3860281.97	0.05082	0.04982	0.04213	0.05855	4.61E-03	0.00021	7.9E-07	0.00014	0.00495	5.81E-03	0.000266	6.7E-07	7.92E-05	6.16E-03	0.00573	0.000229	5.47E-07	8.41E-05	0.006043
613	490943.5	3860331.97	0.05015	0.04968	0.04236	0.05858	4.54E-03	0.00021	7.9E-07	0.00014	0.00489	5.74E-03	0.000265	6.73E-07	7.92E-05	6.08E-03	0.005654	0.000228	5.5E-07	8.41E-05	0.005967
614	490993.5	3860331.97	0.0499	0.04938	0.04206	0.05815	4.52E-03	0.00021	7.9E-07	0.00013	0.00487	5.71E-03	0.000264	6.68E-07	7.86E-05	6.05E-03	0.005626	0.000227	5.46E-07	8.35E-05	0.005937
615	491043.5	3860331.97	0.0497	0.04909	0.04177	0.05777	4.50E-03	0.00021	7.8E-07	0.00013	0.00485	5.68E-03	0.000262	6.64E-07	7.81E-05	6.03E-03	0.005604	0.000225	5.42E-07	8.3E-05	0.005913
616	491093.5	3860331.97	0.04951	0.04882	0.04149	0.0574	4.49E-03	0.00021	7.8E-07	0.00013	0.00483	5.66E-03	0.000261	6.59E-07	7.76E-05	6.00E-03	0.005582	0.000224	5.39E-07	8.24E-05	0.005889
617	490086.72	3859935.12	0.06671	0.06384	0.05324	0.07675	6.05E-03	0.00027	1E-06	0.00018	0.00649	7.63E-03	0.000341	8.46E-07	0.000104	8.08E-03	0.007522	0.000293	6.91E-07	0.00011	0.007926
618	490136.72	3859935.12	0.06629	0.06356	0.053	0.07638	6.01E-03	0.00027	9.9E-07	0.00018	0.00645	7.58E-03	0.000339	8.42E-07	0.000103	8.03E-03	0.007474	0.000292	6.88E-07	0.00011	0.007876
619	490186.72	3859935.12	0.06586	0.06324	0.05272	0.07592	5.97E-03	0.00027	9.9E-07	0.00018	0.00641	7.53E-03	0.000338	8.38E-07	0.000103	7.97E-03	0.007426	0.00029	6.84E-07	0.000109	0.007826
620	490236.72	3859935.12	0.06546	0.0629	0.05241	0.07537	5.93E-03	0.00027	9.8E-07	0.00017	0.00637	7.49E-03	0.000336	8.33E-07	0.000102	7.93E-03	0.007381	0.000289	6.8E-07	0.000108	0.007778
621	490286.72	3859935.12	0.06504	0.06248	0.05204	0.07477	5.89E-03	0.00026	9.7E-07	0.00017	0.00633	7.44E-03	0.000334	8.27E-07	0.000101	7.87E-03	0.007333	0.000287	6.75E-07	0.000107	0.007728
622	490336.72	3859935.12	0.06466	0.06205	0.05165	0.07414	5.86E-03	0.00026	9.7E-07	0.00017	0.00629	7.40E-03	0.000331	8.21E-07	0.0001	7.83E-03	0.00729	0.000285	6.7E-07	0.000106	0.007682
623	490386.72	3859935.12	0.06434	0.06165	0.05128	0.07351	5.83E-03	0.00026	9.6E-07	0.00017	0.00626	7.36E-03	0.000329	8.15E-07	9.94E-05	7.79E-03	0.007254	0.000283	6.66E-07	0.000106	0.007644
624	490436.72	3859935.12	0.06406	0.06122	0.05088	0.07288	5.81E-03	0.00026	9.5E-07	0.00017	0.00623	7.33E-03	0.000327	8.09E-07	9.85E-05	7.75E-03	0.007223	0.000281	6.6E-07	0.000105	0.007609
625	490486.72	3859935.12	0.06385	0.06084	0.05051	0.07231	5.79E-03	0.00026	9.5E-07	0.00017	0.00621	7.30E-03	0.000325	8.03E-07	9.78E-05	7.73E-03	0.007199	0.000279	6.56E-07	0.000104	0.007583
626	490536.72	3859935.12	0.06384	0.06067	0.05028	0.07182	5.79E-03	0.00026	9.4E-07	0.00017	0.00621	7.30E-03	0.000324	7.99E-07	9.71E-05	7.72E-03	0.007198	0.000279	6.53E-07	0.000103	0.00758
627	490586.72	3859935.12	0.06392	0.06057	0.05011	0.0714	5.79E-03	0.00026	9.4E-07	0.00017	0.00622	7.31E-03	0.000323	7.96E-07	9.65E-05	7.73E-03	0.007207	0.000278	6.5E-07	0.000103	0.007588
628	490636.72	3859935.12	0.0639	0.06038	0.04986	0.07105	5.79E-03	0.00026	9.3E-07	0.00016	0.00621	7.31E-03	0.000322	7.92E-07	9.61E-05	7.73E-03	0.007205	0.000277	6.47E-07	0.000102	0.007585
629	490686.72	3859935.12	0.06411	0.06045	0.0498	0.07076	5.81E-03	0.00026	9.3E-07	0.00016	0.00623	7.33E-03	0.000323	7.91E-07	9.57E-05	7.75E-03	0.007228	0.000278	6.46E-07	0.000102	0.007608
630	490736.72	3859935.12	0.06418	0.06039	0.04964	0.07049	5.82E-03	0.00026	9.3E-07	0.00016	0.00624	7.34E-03	0.000322	7.89E-07	9.53E-05	7.76E-03	0.007236	0.000277	6.44E-07	0.000101	0.007615
631	490086.72	3859985.12	0.06504	0.06245	0.05228	0.07495	5.89E-03	0.00026	9.8E-07	0.00017	0.00633	7.44E-03	0.000333	8.31E-07	0.000101	7.87E-03	0.007333	0.000287	6.79E-07	0.000108	0.007728
632	490136.72	3859985.12	0.06463	0.0622	0.05207	0.0747	5.86E-03	0.00026	9.7E-07	0.00017	0.00629	7.39E-03	0.000332	8.28E-07	0.000101	7.83E-03	0.007287	0.000286	6.76E-07	0.000107	0.007681
633	490186.72	3859985.12	0.06427	0.06198	0.05187	0.07437	5.82E-03	0.00026	9.7E-07	0.00017	0.00626	7.35E-03	0.000331	8.24E-07	0.000101	7.78E-03	0.007246	0.000285	6.73E-07	0.000107	0.007639
634	490236.72	3859985.12	0.06392	0.06175	0.05165	0.07394	5.79E-03	0.00026	9.7E-07	0.00017	0.00623	7.31E-03	0.00033	8.21E-07	1E-04	7.74E-03	0.007207	0.000284	6.7E-07	0.000106	0.007597
635	490286.72	3859985.12	0.06349	0.06138	0.05133	0.07341	5.75E-03	0.00026	9.6E-07	0.00017	0.00618	7.26E-03	0.000328	8.16E-07	9.93E-05	7.69E-03	0.007158	0.000282	6.66E-07	0.000105	0.007546
636	490336.72	3859985.12	0.06308	0.06098	0.05098	0.07284	5.72E-03	0.00026	9.5E-07	0.00017	0.00614	7.21E-03	0.000326	8.1E-07	9.85E-05	7.64E-03	0.007112	0.00028	6.62E-07	0.000105	0.007498
637	490386.72	3859985.12	0.06264	0.0605	0.05055	0.07222	5.68E-03	0.00026	9.5E-07	0.00017	0.0061	7.16E-03	0.000323	8.03E-07	9.76E-05	7.59E-03	0.007063	0.000278	6.56E-07	0.000104	0.007445
638	490436.72	3859985.12	0.06228	0.06007	0.05016	0.07159	5.64E-03	0.00025	9.4E-07	0.00017	0.00606	7.12E-03	0.000321	7.97E-07	9.68E-05	7.54E-03	0.007022	0.000276	6.51E-07	0.000103	0.007401
639	490486.72	3859985.12	0.062	0.05967	0.04979	0.07098	5.62E-03	0.00025	9.3E-07	0.00016	0.00604	7.09E-03	0.000319	7.91E-07	9.6E-05	7.51E-03	0.00699	0.000274	6.46E-07	0.000102	0.007367
640	490536.72	3859985.12	0.06185	0.05938	0.04949	0.07043	5.60E-03	0.00025	9.3E-07	0.00016	0.00602	7.07E-03	0.000317	7.87E-07	9.52E-05	7.49E-03	0.006974	0.000273	6.42E-07	0.000101	0.007348
641	490586.72	3859985.12	0.0618	0.05918	0.04924	0.06995	5.60E-03	0.00025	9.2E-07	0.00016	0.00601	7.07E-03	0.000316	7.83E-07	9.46E-05	7.48E-03	0.006968	0.000272	6.39E-07	0.0001	0.007341
642	490636.72	3859985.12	0.06183	0.05907	0.04906	0.06955	5.60E-03	0.00025	9.2E-07	0.00016	0.00602	7.07E-03	0.000315	7.8E-07	9.4E-05	7.48E-03	0.006971	0.000271	6.37E-07	9.99E-05	0.007343
643	490686.72	3859985.12	0.06202	0.05914	0.049	0.06922	5.62E-03	0.00025	9.2E-07	0.00016	0.00603	7.09E-03	0.000316	7.79E-07	9.36E-05	7.50E-03	0.006993	0.000272	6.36E-07	9.94E-05	0.007364
644	490736.72	3859985.12	0.06198	0.05893	0.04875	0.06892	5.62E-03	0.00025	9.1E-07	0.00016	0.00603	7.09E-03	0.000315	7.75E-07	9.32E-05	7.50E-03	0.006988	0.000271	6.33E-07	9.9E-05	0.007358
645	490786.72	3859985.12	0.06195	0.05874	0.04851	0.06865	5.61E-03	0.00025	9.1E-07	0.00016	0.00602	7.09E-03	0.000314	7.71E-07	9.28E-05	7.49E-03	0.006985	0.00027	6.3E-07	9.86E-05	0.007354
646	490086.72	3860035.12	0.06342	0.06104	0.0513	0.07309	5.75E-03	0.00026	9.6E-07	0.00017	0.00618	7.25E-03	0.000326	8.15E-07	9.88E-05	7.68E-03	0.007151	0.00028	6.66E-07	0.000105	0.007537
647	490136.72	3860035.12	0.06307	0.06086	0.05114	0.07297	5.72E-03	0.00026	9.6E-07	0.00017	0.00614	7.21E-03	0.000325	8.13E-07	9.87E-05	7.64E-03	0.007111	0.000279	6.64E-07	0.000105	0.007496
648	490186.72	3860035.12	0.06271	0.06066	0.05097	0.07274	5.68E-03	0.00026	9.5E-07	0.00017	0.00611	7.17E-03	0.000324	8.1E-07	9.84E-05	7.60E-03	0.007071	0.000279	6.62E-07	0.000104	0.007454
649	490236.72	3860035.12	0.06235	0.06043	0.05076	0.07242	5.65E-03	0.00026	9.5E-07	0.00017	0.00607	7.13E-03	0.000323	8.07E-07	9.79E-05	7.55E-03	0.00703	0.000278	6.59E-07	0.000104	0.007412
650	490286.72	3860035.12	0.06193	0.06012	0.05048	0.072	5.61E-03	0.00025	9.5E-07	0.00017	0.00603	7.08E-03	0.000321	8.02E-07	9.74E-05	7.50E-03	0.006983	0.000276	6.55E-07	0.000103	0.007363
651	490336.72	3860035.12	0.06158	0.05984	0.05023	0.07151	5.58E-03	0.00025	9.4E-07	0.00017	0.006	7.04E-03	0.00032	7.98E-07	9.67E-05	7.46E-03	0.006943	0.000275	6.52E-07	0.000103	0.007321
652	490386.72	3860035.12	0.06112	0.0594	0.04984	0.07095	5.54E-03	0.00025	9.3E-07	0.00016	0.00596	6.99E-03	0.000317	7.92E-07	9.59E-05	7.40E-03	0.006891	0.000273	6.47E-07	0.000102	0.007267
653	490436.72	3860035.12	0.06072	0.05898	0.04947	0.07036	5.50E-03	0.00025	9.3E-07	0.00016	0.00592	6.95E-03	0.000315	7.86E-07	9.51E-05	7.36E-03	0.006846	0.000271	6.42E-07	0.000101	0.007219
654	490486.72	3860035.12	0.06038	0.05858	0.0491	0.06975	5.47E-03	0.00025	9.2E-07	0.00016	0.00588	6.91E-03	0.000313	7.8E-07	9.43E-05	7.31E-03	0.006808	0.000269	6.37E-07	0.0001	0.007178
655	490536.72	3860035.12	0.06014	0.05825	0.04878	0.06917	5.45E-03	0.00025	9.1E-07	0.00016	0.00586	6.88E-03	0.000311	7.75E-07	9.35E-05	7.28E-03	0.006781	0.000268	6.33E-07	9.93E-05	0.007148
656	490586.72	3860035.12	0.05994	0.05793	0.04846	0.06862	5.43E-03	0.00025	9.1E-07	0.00016	0.00584	6.86E-03	0.000309	7.7E-07	9.28E-05	7.26E-03	0.006758	0.000266	6.29E-07	9.85E-05	0.007123
657	490636.72	3860035.12	0.05972	0.05757	0.0481	0.06811	5.41E-03	0.00024	9E-07	0.00016	0.00581	6.83E-03	0.000307	7.64E-07	9.21E-05	7.23E-03	0.006733	0.000264	6.24E-07	9.78E-05	0.007096
658	490686.72	3860035.12	0.05972	0.05744	0.04791	0.06773	5.41E-03	0.00024	9E-07	0.00016	0.00581	6.83E-03	0.000307	7.61E-07	9.16E-05	7.23E-03	0.006733	0.000264	6.22E-07	9.73E-05	0.007095
659	490736.72	3860035.12	0.05991	0.05752	0.04787	0.06743	5.43E-03	0.00024	9E-07	0.00016	0.00583	6.85E-03	0.000307	7.61E-07	9.12E-05	7.25E-03	0.006755	0.000264	6.21E-07	9.68E-05	0.007116
660	490786.72	3860035.12	0.05987	0.05732	0.04762	0.06712	5.43E-03	0.00024	8.9E-07	0.00016	0.00582	6.85E-03	0.000306	7.57E-07	9.08E-05	7.25E-03	0.00675	0.000263	6.18E-07	9.64E-05	0.007111
661	490836.72	3860035.12	0.0598	0.0571	0.04736	0.06684	5.42E-03	0.00024	8.9E-07	0.00015	0.00582	6.84E-03	0.000305	7.53E-07	9.04E-05	7.24E-03	0.006742	0.000262	6.15E-07	9.6E-05	0.007101
662	490086.72	3860085.12	0.06199	0.05984	0.05044	0.07118	5.62E-03	0.00025	9.4E-07	0.00016	0.00604	7.09E-03	0.00032	8.02E-07	9.62E-05	7.51E-03	0.006989	0.000275	6.55E-07	0.000102	0.007367
663	490136.72	3860085.12	0.06153	0.0595	0.05018	0.07116	5.58E-03	0.00025	9.4E-07	0.00016	0.00599	7.04E-03	0.000318	7.98E-07	9.62E-05	7.45E-03	0.006937	0.000273	6.51E-07	0.000102	0.007314
664	490186.72	3860085.12	0.06129	0.05944	0.05011	0.07108	5.55E-03	0.00025	9.4E-07	0.00016	0.00597	7.01E-03	0.000317	7.96E-07	9.61E-05	7.42E-03	0.00691	0.000273	6.5E-07	0.000102	0.007286
665	490236.72	3860085.12	0.06093	0.05922	0.04992	0.07087	5.52E-03	0.00025	9.3E-07	0.00016	0.00594	6.97E-03	0.000316	7.93E-07	9.58E-05	7.38E-03	0.00687	0.000272	6.48E-07	0.000102	0.007244
666	490286.72	3860085.12	0.06055	0.05896	0.04969	0.07056	5.49E-03	0.00025	9.3E-07	0.00016	0.0059	6.93E-03	0.000315	7.9E-07	9.54E-05	7.34E-03	0.006827	0.000271	6.45E-07	0.000101	0.0072
667	490336.72	3860085.12	0.06012	0.05863	0.0494	0.07015	5.45E-03	0.00025	9.2E-07	0.00016	0.00586	6.88E-03	0.000313	7.85E-07	9.49E-05	7.29E-03	0.006779	0.000269	6.41E-07	0.000101	0.007149

668	490386.72	3860085.12	0.05971	0.05828	0.0491	0.06967	5.41E-03	0.00025	9.2E-07	0.00016	0.00582	6.83E-03	0.000311	7.8E-07	9.42E-05	7.24E-03	0.006732	0.000268	6.37E-07	0.0001	0.007101
669	490436.72	3860085.12	0.0593	0.0579	0.04876	0.06913	5.37E-03	0.00024	9.1E-07	0.00016	0.00578	6.78E-03	0.000309	7.75E-07	9.35E-05	7.19E-03	0.006686	0.000266	6.33E-07	9.93E-05	0.007052
670	490486.72	3860085.12	0.0589	0.05749	0.04839	0.06856	5.34E-03	0.00024	9.1E-07	0.00016	0.00574	6.74E-03	0.000307	7.69E-07	9.27E-05	7.14E-03	0.006641	0.000264	6.28E-07	9.85E-05	0.007004
671	490536.72	3860085.12	0.0586	0.05715	0.04807	0.06798	5.31E-03	0.00024	9E-07	0.00016	0.00571	6.70E-03	0.000305	7.64E-07	9.19E-05	7.10E-03	0.006607	0.000262	6.24E-07	9.76E-05	0.006968
672	490586.72	3860085.12	0.05834	0.05681	0.04775	0.06742	5.29E-03	0.00024	8.9E-07	0.00016	0.00568	6.67E-03	0.000303	7.59E-07	9.12E-05	7.07E-03	0.006578	0.000261	6.2E-07	9.68E-05	0.006936
673	490636.72	3860085.12	0.05806	0.05644	0.04739	0.06685	5.26E-03	0.00024	8.9E-07	0.00015	0.00566	6.64E-03	0.000301	7.53E-07	9.04E-05	7.03E-03	0.006546	0.000259	6.15E-07	9.6E-05	0.006902
674	490686.72	3860085.12	0.05793	0.05619	0.04712	0.06638	5.25E-03	0.00024	8.8E-07	0.00015	0.00564	6.63E-03	0.0003	7.49E-07	8.98E-05	7.02E-03	0.006532	0.000258	6.12E-07	9.53E-05	0.006886
675	490736.72	3860085.12	0.0579	0.05605	0.04692	0.066	5.25E-03	0.00024	8.8E-07	0.00015	0.00564	6.62E-03	0.000299	7.46E-07	8.92E-05	7.01E-03	0.006528	0.000257	6.09E-07	9.48E-05	0.006881
676	490786.72	3860085.12	0.05791	0.05594	0.04675	0.06568	5.25E-03	0.00024	8.8E-07	0.00015	0.00564	6.62E-03	0.000299	7.43E-07	8.88E-05	7.01E-03	0.006529	0.000257	6.07E-07	9.43E-05	0.006881
677	490836.72	3860085.12	0.05782	0.05571	0.04648	0.06536	5.24E-03	0.00024	8.7E-07	0.00015	0.00563	6.61E-03	0.000297	7.39E-07	8.84E-05	7.00E-03	0.006519	0.000256	6.03E-07	9.39E-05	0.006869
678	490086.72	3860135.12	0.06007	0.05801	0.04913	0.06915	5.44E-03	0.00025	9.2E-07	0.00016	0.00585	6.87E-03	0.00031	7.81E-07	9.35E-05	7.27E-03	0.006773	0.000266	6.38E-07	9.93E-05	0.007139
679	490136.72	3860135.12	0.05994	0.05805	0.04914	0.06928	5.43E-03	0.00025	9.2E-07	0.00016	0.00584	6.86E-03	0.00031	7.81E-07	9.37E-05	7.26E-03	0.006758	0.000267	6.38E-07	9.95E-05	0.007125
680	490186.72	3860135.12	0.05977	0.05804	0.04912	0.06932	5.42E-03	0.00025	9.2E-07	0.00016	0.00582	6.84E-03	0.00031	7.81E-07	9.37E-05	7.24E-03	0.006739	0.000267	6.38E-07	9.95E-05	0.007106
681	490236.72	3860135.12	0.05946	0.05789	0.04898	0.06923	5.39E-03	0.00024	9.2E-07	0.00016	0.00579	6.80E-03	0.000309	7.78E-07	9.36E-05	7.20E-03	0.006704	0.000266	6.36E-07	9.94E-05	0.00707
682	490286.72	3860135.12	0.05915	0.05771	0.04882	0.06905	5.36E-03	0.00024	9.1E-07	0.00016	0.00577	6.77E-03	0.000308	7.76E-07	9.34E-05	7.17E-03	0.006669	0.000265	6.34E-07	9.92E-05	0.007034
683	490336.72	3860135.12	0.05879	0.05748	0.04861	0.06876	5.33E-03	0.00024	9.1E-07	0.00016	0.00573	6.72E-03	0.000307	7.73E-07	9.3E-05	7.12E-03	0.006629	0.000264	6.31E-07	9.87E-05	0.006992
684	490386.72	3860135.12	0.05837	0.05715	0.04833	0.06835	5.29E-03	0.00024	9E-07	0.00016	0.00569	6.68E-03	0.000305	7.68E-07	9.24E-05	7.07E-03	0.006581	0.000262	6.27E-07	9.82E-05	0.006942
685	490436.72	3860135.12	0.05795	0.05679	0.04802	0.06789	5.25E-03	0.00024	9E-07	0.00016	0.00565	6.63E-03	0.000303	7.63E-07	9.18E-05	7.02E-03	0.006534	0.000261	6.23E-07	9.75E-05	0.006893
686	490486.72	3860135.12	0.05756	0.05644	0.0477	0.06738	5.22E-03	0.00024	8.9E-07	0.00016	0.00561	6.58E-03	0.000301	7.58E-07	9.11E-05	6.98E-03	0.00649	0.000259	6.19E-07	9.68E-05	0.006846
687	490536.72	3860135.12	0.05725	0.05613	0.04741	0.06685	5.19E-03	0.00024	8.9E-07	0.00015	0.00558	6.55E-03	0.0003	7.53E-07	9.04E-05	6.94E-03	0.006455	0.000258	6.15E-07	9.6E-05	0.006809
688	490586.72	3860135.12	0.05692	0.05577	0.04708	0.06629	5.16E-03	0.00024	8.8E-07	0.00015	0.00555	6.51E-03	0.000298	7.48E-07	8.96E-05	6.90E-03	0.006418	0.000256	6.11E-07	9.52E-05	0.00677
689	490636.72	3860135.12	0.05662	0.05541	0.04673	0.06572	5.13E-03	0.00023	8.7E-07	0.00015	0.00552	6.48E-03	0.000296	7.43E-07	8.89E-05	6.86E-03	0.006384	0.000254	6.07E-07	9.44E-05	0.006733
690	490686.72	3860135.12	0.05634	0.05504	0.04639	0.06517	5.11E-03	0.00023	8.7E-07	0.00015	0.00549	6.44E-03	0.000294	7.37E-07	8.81E-05	6.83E-03	0.006352	0.000253	6.02E-07	9.36E-05	0.006699
691	490736.72	3860135.12	0.05616	0.05476	0.04609	0.06469	5.09E-03	0.00023	8.6E-07	0.00015	0.00547	6.42E-03	0.000292	7.33E-07	8.75E-05	6.80E-03	0.006332	0.000251	5.98E-07	9.29E-05	0.006677
692	490786.72	3860135.12	0.05611	0.05461	0.0459	0.06431	5.08E-03	0.00023	8.6E-07	0.00015	0.00547	6.42E-03	0.000292	7.29E-07	8.7E-05	6.80E-03	0.006326	0.000251	5.96E-07	9.24E-05	0.00667
693	490836.72	3860135.12	0.05598	0.05436	0.04562	0.06395	5.07E-03	0.00023	8.5E-07	0.00015	0.00545	6.40E-03	0.00029	7.25E-07	8.65E-05	6.78E-03	0.006312	0.00025	5.92E-07	9.18E-05	0.006654
694	490086.72	3860185.12	0.05842	0.05648	0.048	0.06718	5.29E-03	0.00024	9E-07	0.00016	0.00569	6.68E-03	0.000302	7.63E-07	9.08E-05	7.08E-03	0.006587	0.000259	6.23E-07	9.65E-05	0.006943
695	490136.72	3860185.12	0.05839	0.05662	0.0481	0.06739	5.29E-03	0.00024	9E-07	0.00016	0.00569	6.68E-03	0.000302	7.64E-07	9.11E-05	7.07E-03	0.006583	0.00026	6.24E-07	9.68E-05	0.006941
696	490186.72	3860185.12	0.05827	0.05666	0.04811	0.06751	5.28E-03	0.00024	9E-07	0.00016	0.00568	6.66E-03	0.000303	7.65E-07	9.13E-05	7.06E-03	0.00657	0.00026	6.24E-07	9.69E-05	0.006928
697	490236.72	3860185.12	0.05803	0.05657	0.04803	0.06753	5.26E-03	0.00024	9E-07	0.00016	0.00566	6.64E-03	0.000302	7.63E-07	9.13E-05	7.03E-03	0.006543	0.00026	6.23E-07	9.7E-05	0.0069
698	490286.72	3860185.12	0.05776	0.05644	0.04791	0.06746	5.23E-03	0.00024	9E-07	0.00016	0.00563	6.61E-03	0.000301	7.61E-07	9.12E-05	7.00E-03	0.006512	0.000259	6.22E-07	9.69E-05	0.006869
699	490336.72	3860185.12	0.05744	0.05625	0.04775	0.06728	5.21E-03	0.00024	8.9E-07	0.00016	0.0056	6.57E-03	0.0003	7.59E-07	9.1E-05	6.96E-03	0.006476	0.000258	6.2E-07	9.66E-05	0.006832
700	490386.72	3860185.12	0.05708	0.05601	0.04753	0.067	5.17E-03	0.00024	8.9E-07	0.00016	0.00557	6.53E-03	0.000299	7.55E-07	9.06E-05	6.92E-03	0.006436	0.000257	6.17E-07	9.62E-05	0.00679
701	490436.72	3860185.12	0.0567	0.05572	0.04728	0.06662	5.14E-03	0.00024	8.9E-07	0.00015	0.00553	6.49E-03	0.000298	7.51E-07	9.01E-05	6.87E-03	0.006393	0.000256	6.14E-07	9.57E-05	0.006745
702	490486.72	3860185.12	0.05631	0.0554	0.04699	0.06619	5.10E-03	0.00023	8.8E-07	0.00015	0.00549	6.44E-03	0.000296	7.47E-07	8.95E-05	6.83E-03	0.006349	0.000254	6.1E-07	9.51E-05	0.006699
703	490536.72	3860185.12	0.05597	0.05509	0.04672	0.06572	5.07E-03	0.00023	8.7E-07	0.00015	0.00546	6.40E-03	0.000294	7.43E-07	8.89E-05	6.79E-03	0.006311	0.000253	6.06E-07	9.44E-05	0.006659
704	490586.72	3860185.12	0.05567	0.05481	0.04644	0.06521	5.04E-03	0.00023	8.7E-07	0.00015	0.00543	6.37E-03	0.000293	7.38E-07	8.82E-05	6.75E-03	0.006277	0.000252	6.03E-07	9.36E-05	0.006623
705	490636.72	3860185.12	0.05531	0.05441	0.04609	0.06464	5.01E-03	0.00023	8.6E-07	0.00015	0.00539	6.33E-03	0.000291	7.33E-07	8.74E-05	6.70E-03	0.006236	0.00025	5.98E-07	9.28E-05	0.006579
706	490686.72	3860185.12	0.05503	0.05409	0.04577	0.0641	4.99E-03	0.00023	8.6E-07	0.00015	0.00537	6.29E-03	0.000289	7.27E-07	8.67E-05	6.67E-03	0.006205	0.000248	5.94E-07	9.21E-05	0.006546
707	490736.72	3860185.12	0.05471	0.05369	0.0454	0.06354	4.96E-03	0.00023	8.5E-07	0.00015	0.00533	6.26E-03	0.000287	7.22E-07	8.59E-05	6.63E-03	0.006169	0.000247	5.89E-07	9.12E-05	0.006507
708	490786.72	3860185.12	0.05451	0.05341	0.04512	0.06307	4.94E-03	0.00023	8.4E-07	0.00015	0.00531	6.23E-03	0.000285	7.17E-07	8.53E-05	6.61E-03	0.006146	0.000245	5.86E-07	9.06E-05	0.006482
709	490836.72	3860185.12	0.05436	0.05317	0.04485	0.06266	4.93E-03	0.00022	8.4E-07	0.00015	0.0053	6.22E-03	0.000284	7.13E-07	8.47E-05	6.59E-03	0.006129	0.000244	5.82E-07	9E-05	0.006464
710	490086.72	3860235.12	0.05686	0.05506	0.04694	0.06524	5.15E-03	0.00023	8.8E-07	0.00015	0.00554	6.50E-03	0.000294	7.46E-07	8.82E-05	6.89E-03	0.006411	0.000253	6.09E-07	9.37E-05	0.006758
711	490136.72	3860235.12	0.05685	0.05518	0.04704	0.06549	5.15E-03	0.00023	8.8E-07	0.00015	0.00554	6.50E-03	0.000295	7.48E-07	8.85E-05	6.89E-03	0.00641	0.000253	6.11E-07	9.4E-05	0.006758
712	490186.72	3860235.12	0.05678	0.05527	0.04709	0.06569	5.15E-03	0.00023	8.8E-07	0.00015	0.00553	6.49E-03	0.000295	7.48E-07	8.88E-05	6.88E-03	0.006402	0.000254	6.11E-07	9.43E-05	0.006751
713	490236.72	3860235.12	0.05662	0.05525	0.04707	0.06579	5.13E-03	0.00023	8.8E-07	0.00015	0.00552	6.48E-03	0.000295	7.48E-07	8.9E-05	6.86E-03	0.006384	0.000254	6.11E-07	9.45E-05	0.006733
714	490286.72	3860235.12	0.0564	0.05516	0.04699	0.06581	5.11E-03	0.00023	8.8E-07	0.00015	0.0055	6.45E-03	0.000295	7.47E-07	8.9E-05	6.84E-03	0.006359	0.000253	6.1E-07	9.45E-05	0.006708
715	490336.72	3860235.12	0.05614	0.05504	0.04688	0.06575	5.09E-03	0.00023	8.8E-07	0.00015	0.00547	6.42E-03	0.000294	7.45E-07	8.89E-05	6.80E-03	0.00633	0.000253	6.09E-07	9.44E-05	0.006678
716	490386.72	3860235.12	0.05584	0.05487	0.04673	0.06559	5.06E-03	0.00023	8.7E-07	0.00015	0.00545	6.39E-03	0.000293	7.43E-07	8.87E-05	6.77E-03	0.006296	0.000252	6.07E-07	9.42E-05	0.006643
717	490436.72	3860235.12	0.05552	0.05466	0.04654	0.06533	5.03E-03	0.00023	8.7E-07	0.00015	0.00541	6.35E-03	0.000292	7.4E-07	8.83E-05	6.73E-03	0.00626	0.000251	6.04E-07	9.38E-05	0.006605
718	490486.72	3860235.12	0.05514	0.05437	0.04628	0.06497	5.00E-03	0.00023	8.7E-07	0.00015	0.00538	6.31E-03	0.00029	7.36E-07	8.78E-05	6.69E-03	0.006217	0.00025	6.01E-07	9.33E-05	0.006561
719	490536.72	3860235.12	0.0548	0.0541	0.04603	0.06457	4.97E-03	0.00023	8.6E-07	0.00015	0.00535	6.27E-03	0.000289	7.32E-07	8.73E-05	6.64E-03	0.006179	0.000248	5.97E-07	9.27E-05	0.00652
720	490586.72	3860235.12	0.05447	0.05381	0.04577	0.06412	4.94E-03	0.00023	8.6E-07	0.00015	0.00531	6.23E-03	0.000287	7.27E-07	8.67E-05	6.60E-03	0.006141	0.000247	5.94E-07	9.21E-05	0.006481
721	490636.72	3860235.12	0.05414	0.05349	0.04548	0.06361	4.91E-03	0.00023	8.5E-07	0.00015	0.00528	6.19E-03	0.000286	7.23E-07	8.6E-05	6.56E-03	0.006104	0.000246	5.9E-07	9.13E-05	0.006442
722	490686.72	3860235.12	0.05382	0.05315	0.04516	0.06307	4.88E-03	0.00022	8.5E-07	0.00015	0.00525	6.16E-03	0.000284	7.18E-07	8.53E-05	6.53E-03	0.006068	0.000244	5.86E-07	9.06E-05	0.006403
723	490736.72	3860235.12	0.0535	0.05279	0.04482	0.06252	4.85E-03	0.00022	8.4E-07	0.00014	0.00522	6.12E-03	0.000282	7.12E-07	8.45E-05	6.49E-03	0.006032	0.000242	5.82E-07	8.98E-05	0.006365
724	490786.72	3860235.12	0.0532	0.05242	0.04448	0.06199	4.82E-03	0.00022	8.3E-07	0.00014	0.00519	6.08E-03	0.00028	7.07E-07	8.38E-05	6.45E-03	0.005998	0.000241	5.77E-07	8.9E-05	0.006329
725	490086.72	3860285.12	0.05531	0.05361	0.04586	0.06334	5.01E-03	0.00023	8.6E-07	0.00015	0.00539	6.33E-03	0.000286	7.29E-07	8.56E-05	6.70E-03	0.006236	0.000246	5.95E-07	9.1E-05	0.006574
726	490136.72	3860285.12	0.05534	0.05377	0.04598	0.06361	5.02E-03	0.00023	8.6E-07	0.00015	0.00539	6.33E-03	0.000287	7.31E-07	8.6E-05	6.70E-03	0.00624	0.000247	5.97E-07	9.13E-05	0.006578
727	490186.72	3860285.12	0.0553	0.05387	0.04605	0.06385	5.01E-03	0.00023	8.6E-07	0.00015	0.00539	6.33E-03	0.000288	7.32E-07	8.63E-05	6.70E-03	0.006235	0.000247	5.98E-07	9.17E-05	0.006575
728	490236.72	3860285.12	0.05524	0.05395	0.04611	0.06405	5.01E-03	0.00023	8.6E-07	0.00015	0.00538	6.32E-03	0.000288	7.33E-07	8.66E-05	6.69E-03	0.006228	0.000248	5.99E-07	9.2E-05	0.006569

729	490286.72	3860285.12	0.05506	0.0539	0.04606	0.06415	4.99E-03	0.00023	8.6E-07	0.00015	0.00537	6.30E-03	0.000288	7.32E-07	8.67E-05	6.67E-03	0.006208	0.000248	5.98E-07	9.21E-05	0.006548
730	490336.72	3860285.12	0.05484	0.05381	0.04598	0.06416	4.97E-03	0.00023	8.6E-07	0.00015	0.00535	6.27E-03	0.000287	7.31E-07	8.68E-05	6.65E-03	0.006183	0.000247	5.97E-07	9.21E-05	0.006523
731	490386.72	3860285.12	0.05462	0.05372	0.04589	0.06411	4.95E-03	0.00023	8.6E-07	0.00015	0.00533	6.25E-03	0.000287	7.29E-07	8.67E-05	6.62E-03	0.006158	0.000247	5.96E-07	9.21E-05	0.006498
732	490436.72	3860285.12	0.05433	0.05355	0.04574	0.06396	4.92E-03	0.00023	8.6E-07	0.00015	0.0053	6.21E-03	0.000286	7.27E-07	8.65E-05	6.59E-03	0.006126	0.000246	5.94E-07	9.18E-05	0.006464
733	490486.72	3860285.12	0.05402	0.05335	0.04556	0.06372	4.90E-03	0.00023	8.5E-07	0.00015	0.00527	6.18E-03	0.000285	7.24E-07	8.62E-05	6.55E-03	0.006091	0.000245	5.91E-07	9.15E-05	0.006428
734	490536.72	3860285.12	0.05367	0.05308	0.04532	0.06338	4.86E-03	0.00022	8.5E-07	0.00015	0.00524	6.14E-03	0.000283	7.2E-07	8.57E-05	6.51E-03	0.006051	0.000244	5.88E-07	9.1E-05	0.006387
735	490586.72	3860285.12	0.05332	0.0528	0.04507	0.06299	4.83E-03	0.00022	8.4E-07	0.00015	0.0052	6.10E-03	0.000282	7.16E-07	8.52E-05	6.47E-03	0.006012	0.000242	5.85E-07	9.05E-05	0.006345
736	490636.72	3860285.12	0.053	0.05252	0.04481	0.06255	4.80E-03	0.00022	8.4E-07	0.00014	0.00517	6.06E-03	0.00028	7.12E-07	8.46E-05	6.43E-03	0.005976	0.000241	5.82E-07	8.98E-05	0.006307
737	490686.72	3860285.12	0.05269	0.05223	0.04454	0.06207	4.77E-03	0.00022	8.3E-07	0.00014	0.00514	6.03E-03	0.000279	7.08E-07	8.39E-05	6.39E-03	0.005941	0.00024	5.78E-07	8.91E-05	0.00627
738	490736.72	3860285.12	0.05237	0.05189	0.04423	0.06155	4.75E-03	0.00022	8.3E-07	0.00014	0.00511	5.99E-03	0.000277	7.03E-07	8.32E-05	6.35E-03	0.005905	0.000238	5.74E-07	8.84E-05	0.006232
739	490786.72	3860285.12	0.05207	0.05156	0.04392	0.06102	4.72E-03	0.00022	8.2E-07	0.00014	0.00508	5.96E-03	0.000275	6.98E-07	8.25E-05	6.31E-03	0.005871	0.000237	5.7E-07	8.76E-05	0.006196
740	490086.72	3860335.12	0.05377	0.05218	0.04477	0.0615	4.87E-03	0.00022	8.4E-07	0.00014	0.00524	6.15E-03	0.000279	7.12E-07	8.32E-05	6.51E-03	0.006063	0.00024	5.81E-07	8.83E-05	0.006391
741	490136.72	3860335.12	0.05385	0.05238	0.04493	0.06177	4.88E-03	0.00022	8.4E-07	0.00014	0.00525	6.16E-03	0.00028	7.14E-07	8.35E-05	6.52E-03	0.006072	0.000241	5.83E-07	8.87E-05	0.006401
742	490186.72	3860335.12	0.05385	0.0525	0.04502	0.06203	4.88E-03	0.00022	8.4E-07	0.00014	0.00525	6.16E-03	0.00028	7.16E-07	8.39E-05	6.52E-03	0.006072	0.000241	5.84E-07	8.91E-05	0.006402
743	490236.72	3860335.12	0.05386	0.05263	0.04512	0.06228	4.88E-03	0.00022	8.4E-07	0.00014	0.00525	6.16E-03	0.000281	7.17E-07	8.42E-05	6.53E-03	0.006073	0.000242	5.86E-07	8.94E-05	0.006404
744	490286.72	3860335.12	0.05374	0.05264	0.04512	0.06246	4.87E-03	0.00022	8.4E-07	0.00014	0.00524	6.15E-03	0.000281	7.17E-07	8.45E-05	6.51E-03	0.006059	0.000242	5.86E-07	8.97E-05	0.006391
745	490336.72	3860335.12	0.05357	0.05259	0.04508	0.06255	4.85E-03	0.00022	8.4E-07	0.00014	0.00522	6.13E-03	0.000281	7.16E-07	8.46E-05	6.49E-03	0.00604	0.000242	5.85E-07	8.98E-05	0.006372
746	490386.72	3860335.12	0.05337	0.05253	0.04501	0.06257	4.84E-03	0.00022	8.4E-07	0.00014	0.0052	6.10E-03	0.00028	7.15E-07	8.46E-05	6.47E-03	0.006017	0.000241	5.84E-07	8.99E-05	0.006349
747	490436.72	3860335.12	0.05314	0.05242	0.04492	0.06252	4.82E-03	0.00022	8.4E-07	0.00014	0.00518	6.08E-03	0.00028	7.14E-07	8.45E-05	6.44E-03	0.005992	0.000241	5.83E-07	8.98E-05	0.006323
748	490486.72	3860335.12	0.05287	0.05226	0.04477	0.06238	4.79E-03	0.00022	8.4E-07	0.00014	0.00516	6.05E-03	0.000279	7.12E-07	8.43E-05	6.41E-03	0.005961	0.00024	5.81E-07	8.96E-05	0.006291
749	490536.72	3860335.12	0.0526	0.05209	0.04462	0.06216	4.77E-03	0.00022	8.4E-07	0.00014	0.00513	6.02E-03	0.000278	7.09E-07	8.4E-05	6.38E-03	0.005931	0.000239	5.79E-07	8.93E-05	0.00626
750	490586.72	3860335.12	0.05226	0.05184	0.04439	0.06185	4.74E-03	0.00022	8.3E-07	0.00014	0.0051	5.98E-03	0.000277	7.05E-07	8.36E-05	6.34E-03	0.005892	0.000238	5.76E-07	8.88E-05	0.00622
751	490636.72	3860335.12	0.05195	0.05159	0.04416	0.06148	4.71E-03	0.00022	8.3E-07	0.00014	0.00507	5.94E-03	0.000275	7.02E-07	8.31E-05	6.30E-03	0.005857	0.000237	5.73E-07	8.83E-05	0.006183
752	490686.72	3860335.12	0.05163	0.05131	0.04391	0.06106	4.68E-03	0.00022	8.2E-07	0.00014	0.00504	5.91E-03	0.000274	6.98E-07	8.26E-05	6.26E-03	0.005821	0.000236	5.7E-07	8.77E-05	0.006145
753	490736.72	3860335.12	0.05132	0.05101	0.04364	0.06059	4.65E-03	0.00022	8.2E-07	0.00014	0.00501	5.87E-03	0.000272	6.94E-07	8.19E-05	6.22E-03	0.005786	0.000234	5.66E-07	8.7E-05	0.006108
754	490786.72	3860335.12	0.05105	0.05075	0.04338	0.0601	4.63E-03	0.00021	8.1E-07	0.00014	0.00498	5.84E-03	0.000271	6.89E-07	8.13E-05	6.19E-03	0.005756	0.000233	5.63E-07	8.63E-05	0.006076
755	490086.72	3860385.12	0.05232	0.05083	0.04373	0.05974	4.74E-03	0.00022	8.2E-07	0.00014	0.0051	5.98E-03	0.000271	6.95E-07	8.08E-05	6.34E-03	0.005899	0.000233	5.68E-07	8.58E-05	0.006219
756	490136.72	3860385.12	0.05242	0.05103	0.04389	0.06	4.75E-03	0.00022	8.2E-07	0.00014	0.00511	6.00E-03	0.000272	6.98E-07	8.11E-05	6.35E-03	0.00591	0.000234	5.7E-07	8.62E-05	0.006231
757	490186.72	3860385.12	0.05241	0.05113	0.04397	0.06024	4.75E-03	0.00022	8.2E-07	0.00014	0.00511	5.99E-03	0.000273	6.99E-07	8.15E-05	6.35E-03	0.005909	0.000235	5.71E-07	8.65E-05	0.006231
758	490236.72	3860385.12	0.05244	0.05127	0.04409	0.06051	4.75E-03	0.00022	8.3E-07	0.00014	0.00511	6.00E-03	0.000274	7.01E-07	8.18E-05	6.35E-03	0.005913	0.000235	5.72E-07	8.69E-05	0.006236
759	490286.72	3860385.12	0.05239	0.05134	0.04414	0.06074	4.75E-03	0.00022	8.3E-07	0.00014	0.00511	5.99E-03	0.000274	7.02E-07	8.21E-05	6.35E-03	0.005907	0.000236	5.73E-07	8.72E-05	0.006231
760	490336.72	3860385.12	0.0523	0.05137	0.04416	0.06092	4.74E-03	0.00022	8.3E-07	0.00014	0.0051	5.98E-03	0.000274	7.02E-07	8.24E-05	6.34E-03	0.005897	0.000236	5.73E-07	8.75E-05	0.006221
761	490386.72	3860385.12	0.05215	0.05134	0.04413	0.06101	4.73E-03	0.00022	8.3E-07	0.00014	0.00509	5.96E-03	0.000274	7.01E-07	8.25E-05	6.32E-03	0.00588	0.000236	5.73E-07	8.76E-05	0.006204
762	490436.72	3860385.12	0.05196	0.05128	0.04407	0.06104	4.71E-03	0.00022	8.3E-07	0.00014	0.00507	5.94E-03	0.000274	7E-07	8.25E-05	6.30E-03	0.005858	0.000235	5.72E-07	8.77E-05	0.006182
763	490486.72	3860385.12	0.05176	0.05119	0.04399	0.061	4.69E-03	0.00022	8.2E-07	0.00014	0.00505	5.92E-03	0.000273	6.99E-07	8.25E-05	6.28E-03	0.005836	0.000235	5.71E-07	8.76E-05	0.006159
764	490536.72	3860385.12	0.05152	0.05106	0.04387	0.06087	4.67E-03	0.00022	8.2E-07	0.00014	0.00503	5.89E-03	0.000273	6.97E-07	8.23E-05	6.25E-03	0.005809	0.000234	5.69E-07	8.74E-05	0.006131
765	490586.72	3860385.12	0.05124	0.05088	0.04371	0.06067	4.64E-03	0.00022	8.2E-07	0.00014	0.005	5.86E-03	0.000272	6.95E-07	8.2E-05	6.22E-03	0.005777	0.000234	5.67E-07	8.71E-05	0.006099
766	490636.72	3860385.12	0.05093	0.05065	0.0435	0.06038	4.62E-03	0.00021	8.1E-07	0.00014	0.00497	5.83E-03	0.00027	6.91E-07	8.16E-05	6.18E-03	0.005742	0.000233	5.65E-07	8.67E-05	0.006062
767	490686.72	3860385.12	0.05065	0.05043	0.0433	0.06004	4.59E-03	0.00021	8.1E-07	0.00014	0.00494	5.79E-03	0.000269	6.88E-07	8.12E-05	6.14E-03	0.005711	0.000232	5.62E-07	8.62E-05	0.006029
768	490736.72	3860385.12	0.05031	0.05014	0.04303	0.05962	4.56E-03	0.00021	8.1E-07	0.00014	0.00491	5.75E-03	0.000268	6.84E-07	8.06E-05	6.10E-03	0.005672	0.00023	5.59E-07	8.56E-05	0.005989
769	490786.72	3860385.12	0.05	0.04984	0.04276	0.05915	4.53E-03	0.00021	8E-07	0.00014	0.00488	5.72E-03	0.000266	6.8E-07	8E-05	6.07E-03	0.005637	0.000229	5.55E-07	8.49E-05	0.005952
770	490136.72	3860435.12	0.05098	0.04967	0.04284	0.05829	4.62E-03	0.00021	8E-07	0.00014	0.00497	5.83E-03	0.000265	6.81E-07	7.88E-05	6.18E-03	0.005748	0.000228	5.56E-07	8.37E-05	0.00606
771	490186.72	3860435.12	0.05105	0.04984	0.04298	0.05854	4.63E-03	0.00021	8E-07	0.00014	0.00497	5.84E-03	0.000266	6.83E-07	7.92E-05	6.18E-03	0.005756	0.000229	5.58E-07	8.41E-05	0.006069
772	490236.72	3860435.12	0.05107	0.04995	0.04308	0.05878	4.63E-03	0.00021	8.1E-07	0.00014	0.00498	5.84E-03	0.000267	6.85E-07	7.95E-05	6.19E-03	0.005758	0.000229	5.59E-07	8.44E-05	0.006072
773	490286.72	3860435.12	0.05106	0.05006	0.04316	0.05903	4.63E-03	0.00021	8.1E-07	0.00014	0.00498	5.84E-03	0.000267	6.86E-07	7.98E-05	6.19E-03	0.005757	0.00023	5.6E-07	8.48E-05	0.006072
774	490336.72	3860435.12	0.051	0.0501	0.0432	0.05925	4.62E-03	0.00021	8.1E-07	0.00014	0.00497	5.83E-03	0.000268	6.87E-07	8.01E-05	6.18E-03	0.00575	0.00023	5.61E-07	8.51E-05	0.006066
775	490386.72	3860435.12	0.05092	0.05014	0.04322	0.05942	4.61E-03	0.00021	8.1E-07	0.00014	0.00497	5.82E-03	0.000268	6.87E-07	8.03E-05	6.17E-03	0.005741	0.00023	5.61E-07	8.53E-05	0.006057
776	490436.72	3860435.12	0.05079	0.05013	0.04321	0.05953	4.60E-03	0.00021	8.1E-07	0.00014	0.00495	5.81E-03	0.000268	6.87E-07	8.05E-05	6.16E-03	0.005727	0.00023	5.61E-07	8.55E-05	0.006043
777	490486.72	3860435.12	0.05062	0.05008	0.04316	0.05956	4.59E-03	0.00021	8.1E-07	0.00014	0.00494	5.79E-03	0.000267	6.86E-07	8.05E-05	6.14E-03	0.005707	0.00023	5.6E-07	8.55E-05	0.006023
778	490536.72	3860435.12	0.05043	0.05	0.04308	0.05953	4.57E-03	0.00021	8.1E-07	0.00014	0.00492	5.77E-03	0.000267	6.85E-07	8.05E-05	6.12E-03	0.005686	0.00023	5.59E-07	8.55E-05	0.006002
779	490586.72	3860435.12	0.05019	0.04986	0.04296	0.05941	4.55E-03	0.00021	8E-07	0.00014	0.0049	5.74E-03	0.000266	6.83E-07	8.03E-05	6.09E-03	0.005659	0.000229	5.58E-07	8.53E-05	0.005974
780	490636.72	3860435.12	0.04991	0.04967	0.04279	0.0592	4.52E-03	0.00021	8E-07	0.00014	0.00487	5.71E-03	0.000265	6.8E-07	8E-05	6.05E-03	0.005627	0.000228	5.55E-07	8.5E-05	0.005941
781	490686.72	3860435.12	0.04965	0.04949	0.04262	0.05895	4.50E-03	0.00021	8E-07	0.00014	0.00485	5.68E-03	0.000264	6.77E-07	7.97E-05	6.02E-03	0.005598	0.000227	5.53E-07	8.47E-05	0.005911
782	490736.72	3860435.12	0.04939	0.0493	0.04244	0.05864	4.48E-03	0.00021	7.9E-07	0.00014	0.00482	5.65E-03	0.000263	6.75E-07	7.93E-05	5.99E-03	0.005569	0.000226	5.51E-07	8.42E-05	0.00588
783	490786.72	3860435.12	0.04907	0.04902	0.04218	0.05823	4.45E-03	0.00021	7.9E-07	0.00013	0.00479	5.61E-03	0.000262	6.7E-07	7.87E-05	5.95E-03	0.005533	0.000225	5.48E-07	8.36E-05	0.005842
784	490136.72	3860485.12	0.04968	0.04846	0.04189	0.05669	4.50E-03	0.00021	7.8E-07	0.00013	0.00484	5.68E-03	0.000259	6.66E-07	7.67E-05	6.02E-03	0.005601	0.000223	5.44E-07	8.14E-05	0.005906
785	490186.72	3860485.12	0.04973	0.04858	0.042	0.0569	4.51E-03	0.00021	7.9E-07	0.00013	0.00484	5.69E-03	0.000259	6.68E-07	7.69E-05	6.03E-03	0.005607	0.000223	5.45E-07	8.17E-05	0.005912
786	490236.72	3860485.12	0.04973	0.04867	0.04208	0.05712	4.51E-03	0.00021	7.9E-07	0.00013	0.00485	5.69E-03	0.00026	6.69E-07	7.72E-05	6.03E-03	0.005607	0.000224	5.46E-07	8.2E-05	0.005913
787	490286.72	3860485.12	0.04976	0.0488	0.04219	0.05736	4.51E-03	0.00021	7.9E-07	0.00013	0.00485	5.69E-03	0.000261	6.71E-07	7.76E-05	6.03E-03	0.00561	0.000224	5.48E-07	8.24E-05	0.005917
788	490336.72	3860485.12	0.04973	0.04887	0.04225	0.05759	4.51E-03	0.00021	7.9E-07	0.00013	0.00485	5.69E-03	0.000261	6.71E-07	7.79E-05	6.03E-03	0.005607	0.000224	5.48E-07	8.27E-05	0.005915
789	490386.72	3860485.12	0.04971	0.04895	0.04232	0.05782	4.50E-03	0.00021	7.9E-07	0.00013	0.00485	5.69E-03	0.000261	6.73E-07	7.82E-05	6.03E-03	0.005605	0.000225	5.49E-07	8.3E-05	0.005913

790	490436.72	3860485.12	0.04967	0.04904	0.04238	0.05801	4.50E-03	0.00021	7.9E-07	0.00013	0.00484	5.68E-03	0.000262	6.74E-07	7.84E-05	6.02E-03	0.0056	0.000225	5.5E-07	8.33E-05	0.005909
791	490486.72	3860485.12	0.04953	0.04901	0.04235	0.05812	4.49E-03	0.00021	7.9E-07	0.00013	0.00483	5.67E-03	0.000262	6.73E-07	7.86E-05	6.01E-03	0.005584	0.000225	5.5E-07	8.35E-05	0.005894
792	490536.72	3860485.12	0.04934	0.04893	0.04228	0.05814	4.47E-03	0.00021	7.9E-07	0.00013	0.00481	5.64E-03	0.000261	6.72E-07	7.86E-05	5.98E-03	0.005563	0.000225	5.49E-07	8.35E-05	0.005872
793	490586.72	3860485.12	0.04913	0.04882	0.04218	0.0581	4.45E-03	0.00021	7.9E-07	0.00013	0.00479	5.62E-03	0.000261	6.7E-07	7.86E-05	5.96E-03	0.005539	0.000224	5.48E-07	8.34E-05	0.005848
794	490636.72	3860485.12	0.04893	0.04871	0.04208	0.058	4.43E-03	0.00021	7.9E-07	0.00013	0.00478	5.60E-03	0.00026	6.69E-07	7.84E-05	5.94E-03	0.005517	0.000224	5.46E-07	8.33E-05	0.005824
795	490686.72	3860485.12	0.04866	0.04853	0.04192	0.05781	4.41E-03	0.00021	7.8E-07	0.00013	0.00475	5.57E-03	0.000259	6.66E-07	7.82E-05	5.90E-03	0.005486	0.000223	5.44E-07	8.3E-05	0.005793
796	490736.72	3860485.12	0.04842	0.04836	0.04176	0.05757	4.39E-03	0.0002	7.8E-07	0.00013	0.00473	5.54E-03	0.000258	6.64E-07	7.78E-05	5.87E-03	0.005459	0.000222	5.42E-07	8.27E-05	0.005765
797	490786.72	3860485.12	0.04815	0.04816	0.04157	0.05726	4.36E-03	0.0002	7.8E-07	0.00013	0.0047	5.51E-03	0.000257	6.61E-07	7.74E-05	5.84E-03	0.005429	0.000221	5.4E-07	8.22E-05	0.005733
798	490136.72	3860535.12	0.04841	0.04726	0.04094	0.05517	4.39E-03	0.0002	7.7E-07	0.00013	0.00472	5.54E-03	0.000252	6.51E-07	7.46E-05	5.86E-03	0.005458	0.000217	5.31E-07	7.92E-05	0.005755
799	490186.72	3860535.12	0.04855	0.04748	0.04113	0.05539	4.40E-03	0.0002	7.7E-07	0.00013	0.00473	5.55E-03	0.000254	6.54E-07	7.49E-05	5.88E-03	0.005474	0.000218	5.34E-07	7.95E-05	0.005772
800	490236.72	3860535.12	0.04848	0.04747	0.04114	0.05554	4.39E-03	0.0002	7.7E-07	0.00013	0.00472	5.55E-03	0.000253	6.54E-07	7.51E-05	5.87E-03	0.005466	0.000218	5.34E-07	7.98E-05	0.005764
801	490286.72	3860535.12	0.04847	0.04755	0.04122	0.05575	4.39E-03	0.0002	7.7E-07	0.00013	0.00472	5.54E-03	0.000254	6.55E-07	7.54E-05	5.87E-03	0.005465	0.000218	5.35E-07	8.01E-05	0.005764
802	490336.72	3860535.12	0.04849	0.04766	0.04131	0.05599	4.39E-03	0.0002	7.7E-07	0.00013	0.00473	5.55E-03	0.000254	6.57E-07	7.57E-05	5.88E-03	0.005467	0.000219	5.36E-07	8.04E-05	0.005767
803	490386.72	3860535.12	0.04853	0.0478	0.04143	0.05624	4.40E-03	0.0002	7.8E-07	0.00013	0.00473	5.55E-03	0.000255	6.58E-07	7.6E-05	5.88E-03	0.005472	0.00022	5.38E-07	8.08E-05	0.005773
804	490436.72	3860535.12	0.04852	0.0479	0.04151	0.05647	4.40E-03	0.0002	7.8E-07	0.00013	0.00473	5.55E-03	0.000256	6.6E-07	7.64E-05	5.88E-03	0.005471	0.00022	5.39E-07	8.11E-05	0.005772
805	490486.72	3860535.12	0.04847	0.04795	0.04154	0.05665	4.39E-03	0.0002	7.8E-07	0.00013	0.00473	5.54E-03	0.000256	6.6E-07	7.66E-05	5.88E-03	0.005465	0.00022	5.39E-07	8.14E-05	0.005767
806	490536.72	3860535.12	0.04848	0.04809	0.04164	0.05682	4.39E-03	0.0002	7.8E-07	0.00013	0.00473	5.55E-03	0.000257	6.62E-07	7.68E-05	5.88E-03	0.005466	0.000221	5.41E-07	8.16E-05	0.005769
807	490586.72	3860535.12	0.04815	0.04784	0.04144	0.05679	4.36E-03	0.0002	7.8E-07	0.00013	0.0047	5.51E-03	0.000255	6.59E-07	7.68E-05	5.84E-03	0.005429	0.00022	5.38E-07	8.16E-05	0.005731
808	490636.72	3860535.12	0.04794	0.04773	0.04135	0.05675	4.34E-03	0.0002	7.7E-07	0.00013	0.00468	5.48E-03	0.000255	6.57E-07	7.67E-05	5.82E-03	0.005405	0.000219	5.37E-07	8.15E-05	0.005706
809	490686.72	3860535.12	0.04773	0.04762	0.04124	0.05665	4.33E-03	0.0002	7.7E-07	0.00013	0.00466	5.46E-03	0.000254	6.55E-07	7.66E-05	5.79E-03	0.005382	0.000219	5.35E-07	8.14E-05	0.005682
810	490736.72	3860535.12	0.04748	0.04745	0.04109	0.05647	4.30E-03	0.0002	7.7E-07	0.00013	0.00464	5.43E-03	0.000253	6.53E-07	7.64E-05	5.76E-03	0.005353	0.000218	5.33E-07	8.11E-05	0.005653
811	490786.72	3860535.12	0.04725	0.04729	0.04094	0.05624	4.28E-03	0.0002	7.7E-07	0.00013	0.00461	5.40E-03	0.000253	6.51E-07	7.6E-05	5.73E-03	0.005327	0.000217	5.31E-07	8.08E-05	0.005626
812	490136.72	3860585.12	0.04728	0.04621	0.04011	0.05377	4.28E-03	0.0002	7.5E-07	0.00012	0.00461	5.41E-03	0.000247	6.37E-07	7.27E-05	5.73E-03	0.005331	0.000212	5.21E-07	7.72E-05	0.005621
813	490186.72	3860585.12	0.04706	0.04603	0.03999	0.05379	4.26E-03	0.00019	7.5E-07	0.00012	0.00458	5.38E-03	0.000246	6.36E-07	7.27E-05	5.70E-03	0.005306	0.000211	5.19E-07	7.72E-05	0.005595
814	490236.72	3860585.12	0.04718	0.04622	0.04015	0.054	4.28E-03	0.0002	7.5E-07	0.00013	0.0046	5.40E-03	0.000247	6.38E-07	7.3E-05	5.72E-03	0.00532	0.000212	5.21E-07	7.75E-05	0.00561
815	490286.72	3860585.12	0.04726	0.04638	0.0403	0.05422	4.28E-03	0.0002	7.5E-07	0.00013	0.00461	5.41E-03	0.000248	6.4E-07	7.33E-05	5.73E-03	0.005329	0.000213	5.23E-07	7.79E-05	0.00562
816	490336.72	3860585.12	0.04728	0.04649	0.04039	0.05444	4.28E-03	0.0002	7.6E-07	0.00013	0.00461	5.41E-03	0.000248	6.42E-07	7.36E-05	5.73E-03	0.005331	0.000213	5.24E-07	7.82E-05	0.005623
817	490386.72	3860585.12	0.04729	0.04658	0.04047	0.05466	4.29E-03	0.0002	7.6E-07	0.00013	0.00461	5.41E-03	0.000249	6.43E-07	7.39E-05	5.73E-03	0.005332	0.000214	5.25E-07	7.85E-05	0.005625
818	490436.72	3860585.12	0.04744	0.04684	0.04068	0.05497	4.30E-03	0.0002	7.6E-07	0.00013	0.00463	5.43E-03	0.00025	6.47E-07	7.43E-05	5.75E-03	0.005349	0.000215	5.28E-07	7.89E-05	0.005643
819	490486.72	3860585.12	0.04753	0.04705	0.04084	0.05523	4.31E-03	0.0002	7.6E-07	0.00013	0.00464	5.44E-03	0.000251	6.49E-07	7.47E-05	5.76E-03	0.005359	0.000216	5.3E-07	7.93E-05	0.005655
820	490536.72	3860585.12	0.04741	0.04702	0.04082	0.05538	4.30E-03	0.0002	7.6E-07	0.00013	0.00462	5.42E-03	0.000251	6.49E-07	7.49E-05	5.75E-03	0.005345	0.000216	5.3E-07	7.95E-05	0.005641
821	490586.72	3860585.12	0.04707	0.04676	0.04061	0.05538	4.27E-03	0.0002	7.6E-07	0.00013	0.00459	5.38E-03	0.00025	6.45E-07	7.49E-05	5.71E-03	0.005307	0.000215	5.27E-07	7.95E-05	0.005602
822	490636.72	3860585.12	0.04694	0.04673	0.04058	0.05544	4.25E-03	0.0002	7.6E-07	0.00013	0.00458	5.37E-03	0.00025	6.45E-07	7.5E-05	5.69E-03	0.005292	0.000215	5.27E-07	7.96E-05	0.005587
823	490686.72	3860585.12	0.04677	0.04666	0.04052	0.05543	4.24E-03	0.0002	7.6E-07	0.00013	0.00456	5.35E-03	0.000249	6.44E-07	7.49E-05	5.67E-03	0.005273	0.000214	5.26E-07	7.96E-05	0.005568
824	490736.72	3860585.12	0.04657	0.04655	0.04041	0.05534	4.22E-03	0.0002	7.6E-07	0.00013	0.00455	5.33E-03	0.000249	6.42E-07	7.48E-05	5.65E-03	0.005251	0.000214	5.25E-07	7.95E-05	0.005545
825	490786.72	3860585.12	0.04633	0.04639	0.04027	0.05517	4.20E-03	0.0002	7.5E-07	0.00013	0.00452	5.30E-03	0.000248	6.4E-07	7.46E-05	5.62E-03	0.005224	0.000213	5.23E-07	7.92E-05	0.005516
826	490136.72	3860635.12	0.04629	0.04531	0.03939	0.05248	4.19E-03	0.00019	7.4E-07	0.00012	0.00451	5.29E-03	0.000242	6.26E-07	7.1E-05	5.61E-03	0.005219	0.000208	5.11E-07	7.54E-05	0.005503
827	490186.72	3860635.12	0.04615	0.0452	0.03932	0.05251	4.18E-03	0.00019	7.4E-07	0.00012	0.0045	5.28E-03	0.000241	6.25E-07	7.1E-05	5.59E-03	0.005203	0.000208	5.1E-07	7.54E-05	0.005487
828	490236.72	3860635.12	0.04602	0.04511	0.03927	0.05258	4.17E-03	0.00019	7.4E-07	0.00012	0.00448	5.26E-03	0.000241	6.24E-07	7.11E-05	5.58E-03	0.005189	0.000207	5.1E-07	7.55E-05	0.005472
829	490286.72	3860635.12	0.04603	0.04519	0.03935	0.05274	4.17E-03	0.00019	7.4E-07	0.00012	0.00449	5.26E-03	0.000241	6.25E-07	7.13E-05	5.58E-03	0.00519	0.000208	5.11E-07	7.57E-05	0.005474
830	490336.72	3860635.12	0.04609	0.04533	0.03947	0.05295	4.18E-03	0.00019	7.4E-07	0.00012	0.00449	5.27E-03	0.000242	6.27E-07	7.16E-05	5.59E-03	0.005197	0.000208	5.12E-07	7.6E-05	0.005481
831	490386.72	3860635.12	0.04614	0.04545	0.03959	0.05317	4.18E-03	0.00019	7.4E-07	0.00012	0.0045	5.28E-03	0.000243	6.29E-07	7.19E-05	5.59E-03	0.005202	0.000209	5.14E-07	7.64E-05	0.005488
832	490436.72	3860635.12	0.04614	0.04554	0.03967	0.05339	4.18E-03	0.00019	7.4E-07	0.00012	0.0045	5.28E-03	0.000243	6.3E-07	7.22E-05	5.59E-03	0.005202	0.000209	5.15E-07	7.67E-05	0.005489
833	490486.72	3860635.12	0.04616	0.04565	0.03975	0.05362	4.18E-03	0.00019	7.4E-07	0.00012	0.0045	5.28E-03	0.000244	6.32E-07	7.25E-05	5.60E-03	0.005205	0.00021	5.16E-07	7.7E-05	0.005492
834	490536.72	3860635.12	0.0462	0.04579	0.03987	0.05386	4.19E-03	0.00019	7.5E-07	0.00012	0.00451	5.28E-03	0.000244	6.34E-07	7.28E-05	5.60E-03	0.005209	0.00021	5.18E-07	7.73E-05	0.005497
835	490586.72	3860635.12	0.04606	0.04574	0.03983	0.05399	4.17E-03	0.00019	7.5E-07	0.00013	0.00449	5.27E-03	0.000244	6.33E-07	7.3E-05	5.59E-03	0.005193	0.00021	5.17E-07	7.75E-05	0.005481
836	490636.72	3860635.12	0.04598	0.04576	0.03984	0.05412	4.17E-03	0.00019	7.5E-07	0.00013	0.00449	5.26E-03	0.000244	6.33E-07	7.32E-05	5.58E-03	0.005184	0.00021	5.17E-07	7.77E-05	0.005473
837	490686.72	3860635.12	0.04584	0.04572	0.0398	0.05417	4.15E-03	0.00019	7.5E-07	0.00013	0.00447	5.24E-03	0.000244	6.33E-07	7.32E-05	5.56E-03	0.005168	0.00021	5.17E-07	7.78E-05	0.005457
838	490736.72	3860635.12	0.04564	0.04561	0.0397	0.05415	4.14E-03	0.00019	7.4E-07	0.00013	0.00446	5.22E-03	0.000244	6.31E-07	7.32E-05	5.54E-03	0.005146	0.000209	5.15E-07	7.78E-05	0.005434
839	490786.72	3860635.12	0.04545	0.04551	0.03961	0.05407	4.12E-03	0.00019	7.4E-07	0.00013	0.00444	5.20E-03	0.000243	6.3E-07	7.31E-05	5.52E-03	0.005124	0.000209	5.14E-07	7.76E-05	0.005412
840	490136.72	3860685.12	0.04507	0.04414	0.03847	0.05113	4.08E-03	0.00019	7.2E-07	0.00012	0.00439	5.16E-03	0.000236	6.11E-07	6.91E-05	5.46E-03	0.005082	0.000203	4.99E-07	7.34E-05	0.005358
841	490186.72	3860685.12	0.04532	0.04446	0.03872	0.05132	4.11E-03	0.00019	7.2E-07	0.00012	0.00441	5.18E-03	0.000237	6.15E-07	6.94E-05	5.49E-03	0.00511	0.000204	5.03E-07	7.37E-05	0.005388
842	490236.72	3860685.12	0.0451	0.04427	0.03859	0.05133	4.09E-03	0.00019	7.2E-07	0.00012	0.00439	5.16E-03	0.000236	6.13E-07	6.94E-05	5.46E-03	0.005085	0.000203	5.01E-07	7.37E-05	0.005363
843	490286.72	3860685.12	0.04485	0.04404	0.03843	0.05132	4.06E-03	0.00019	7.2E-07	0.00012	0.00437	5.13E-03	0.000235	6.11E-07	6.94E-05	5.44E-03	0.005057	0.000202	4.99E-07	7.37E-05	0.005333
844	490336.72	3860685.12	0.04497	0.04423	0.0386	0.05154	4.08E-03	0.00019	7.2E-07	0.00012	0.00438	5.14E-03	0.000236	6.13E-07	6.97E-05	5.45E-03	0.00507	0.000203	5.01E-07	7.4E-05	0.005348
845	490386.72	3860685.12	0.04501	0.04435	0.03871	0.05173	4.08E-03	0.00019	7.2E-07	0.00012	0.00439	5.15E-03	0.000237	6.15E-07	6.99E-05	5.46E-03	0.005075	0.000204	5.02E-07	7.43E-05	0.005353
846	490436.72	3860685.12	0.045	0.04441	0.03877	0.05192	4.08E-03	0.00019	7.3E-07	0.00012	0.00439	5.15E-03	0.000237	6.16E-07	7.02E-05	5.45E-03	0.005074	0.000204	5.03E-07	7.46E-05	0.005353
847	490486.72	3860685.12	0.04497	0.04446	0.03882	0.05212	4.08E-03	0.00019	7.3E-07	0.00012	0.00438	5.14E-03	0.000237	6.17E-07	7.05E-05	5.45E-03	0.00507	0.000204	5.04E-07	7.48E-05	0.00535
848	490536.72	3860685.12	0.04499	0.04457	0.03891	0.05235	4.08E-03	0.00019	7.3E-07	0.00012	0.00439	5.15E-03	0.000238	6.18E-07	7.08E-05	5.46E-03	0.005073	0.000205	5.05E-07	7.52E-05	0.005353
849	490586.72	3860685.12	0.04498	0.04465	0.03897	0.05255	4.08E-03	0.00019	7.3E-07	0.00012	0.00439	5.14E-03	0.000238	6.19E-07	7.11E-05	5.45E-03	0.005071	0.000205	5.06E-07	7.55E-05	0.005352
850	490636.72	3860685.12	0.04496	0.04473	0.03904	0.05274	4.07E-03	0.00019	7.3E-07	0.00012	0.00439	5.14E-03	0.000239	6.2E-07	7.13E-05	5.45E-03	0.005069	0.000205	5.07E-07	7.57E-05	0.005351

851	490686.72	3860685.12	0.04492	0.04478	0.03908	0.05289	4.07E-03	0.00019	7.3E-07	0.00012	0.00438	5.14E-03	0.000239	6.21E-07	7.15E-05	5.45E-03	0.005065	0.000206	5.07E-07	7.6E-05	0.005347
852	490736.72	3860685.12	0.04477	0.04473	0.03903	0.05295	4.06E-03	0.00019	7.3E-07	0.00012	0.00437	5.12E-03	0.000239	6.2E-07	7.16E-05	5.43E-03	0.005048	0.000205	5.07E-07	7.6E-05	0.00533
853	490786.72	3860685.12	0.04468	0.04474	0.03902	0.05299	4.05E-03	0.00019	7.3E-07	0.00012	0.00436	5.11E-03	0.000239	6.2E-07	7.16E-05	5.42E-03	0.005038	0.000205	5.06E-07	7.61E-05	0.00532
854	490136.72	3860735.12	0.04368	0.04277	0.0374	0.04973	3.96E-03	0.00018	7E-07	0.00012	0.00426	5.00E-03	0.000228	5.94E-07	6.72E-05	5.29E-03	0.004925	0.000196	4.85E-07	7.14E-05	0.005193
855	490186.72	3860735.12	0.04366	0.0428	0.03742	0.04978	3.96E-03	0.00018	7E-07	0.00012	0.00425	4.99E-03	0.000229	5.95E-07	6.73E-05	5.29E-03	0.004923	0.000197	4.86E-07	7.15E-05	0.005191
856	490236.72	3860735.12	0.0437	0.04288	0.03749	0.04988	3.96E-03	0.00018	7E-07	0.00012	0.00426	5.00E-03	0.000229	5.96E-07	6.74E-05	5.30E-03	0.004927	0.000197	4.87E-07	7.16E-05	0.005196
857	490286.72	3860735.12	0.04376	0.043	0.03759	0.05001	3.97E-03	0.00018	7E-07	0.00012	0.00426	5.01E-03	0.00023	5.97E-07	6.76E-05	5.30E-03	0.004934	0.000197	4.88E-07	7.18E-05	0.005204
858	490336.72	3860735.12	0.0438	0.0431	0.03769	0.05016	3.97E-03	0.00018	7.1E-07	0.00012	0.00427	5.01E-03	0.00023	5.99E-07	6.78E-05	5.31E-03	0.004938	0.000198	4.89E-07	7.2E-05	0.005209
859	490386.72	3860735.12	0.04389	0.04325	0.03783	0.05035	3.98E-03	0.00018	7.1E-07	0.00012	0.00428	5.02E-03	0.000231	6.01E-07	6.81E-05	5.32E-03	0.004949	0.000199	4.91E-07	7.23E-05	0.00522
860	490436.72	3860735.12	0.04406	0.0435	0.03804	0.05061	3.99E-03	0.00018	7.1E-07	0.00012	0.00429	5.04E-03	0.000232	6.05E-07	6.84E-05	5.34E-03	0.004968	0.0002	4.94E-07	7.27E-05	0.005241
861	490486.72	3860735.12	0.04401	0.04352	0.03806	0.05078	3.99E-03	0.00018	7.1E-07	0.00012	0.00429	5.03E-03	0.000232	6.05E-07	6.87E-05	5.34E-03	0.004962	0.0002	4.94E-07	7.29E-05	0.005235
862	490536.72	3860735.12	0.04389	0.04346	0.03803	0.05092	3.98E-03	0.00018	7.1E-07	0.00012	0.00428	5.02E-03	0.000232	6.04E-07	6.88E-05	5.32E-03	0.004949	0.0002	4.94E-07	7.31E-05	0.005222
863	490586.72	3860735.12	0.04387	0.04353	0.03809	0.05112	3.98E-03	0.00018	7.1E-07	0.00012	0.00428	5.02E-03	0.000232	6.05E-07	6.91E-05	5.32E-03	0.004946	0.0002	4.94E-07	7.34E-05	0.00522
864	490636.72	3860735.12	0.04385	0.0436	0.03815	0.05132	3.97E-03	0.00018	7.1E-07	0.00012	0.00428	5.02E-03	0.000233	6.06E-07	6.94E-05	5.32E-03	0.004944	0.0002	4.95E-07	7.37E-05	0.005218
865	490686.72	3860735.12	0.04389	0.04373	0.03825	0.05153	3.98E-03	0.00019	7.2E-07	0.00012	0.00428	5.02E-03	0.000233	6.08E-07	6.97E-05	5.32E-03	0.004949	0.000201	4.97E-07	7.4E-05	0.005224
866	490736.72	3860735.12	0.04388	0.04382	0.03832	0.0517	3.98E-03	0.00019	7.2E-07	0.00012	0.00428	5.02E-03	0.000234	6.09E-07	6.99E-05	5.32E-03	0.004947	0.000201	4.97E-07	7.42E-05	0.005223
867	490136.72	3860785.12	0.04245	0.04156	0.03648	0.04842	3.85E-03	0.00018	6.8E-07	0.00011	0.00414	4.86E-03	0.000222	5.8E-07	6.55E-05	5.14E-03	0.004786	0.000191	4.74E-07	6.95E-05	0.005047
868	490186.72	3860785.12	0.04251	0.04167	0.03654	0.0485	3.85E-03	0.00018	6.8E-07	0.00011	0.00414	4.86E-03	0.000222	5.81E-07	6.56E-05	5.15E-03	0.004793	0.000191	4.74E-07	6.96E-05	0.005054
869	490236.72	3860785.12	0.04255	0.04177	0.03661	0.04859	3.86E-03	0.00018	6.9E-07	0.00011	0.00415	4.87E-03	0.000223	5.82E-07	6.57E-05	5.16E-03	0.004797	0.000192	4.75E-07	6.98E-05	0.00506
870	490286.72	3860785.12	0.04261	0.04188	0.0367	0.0487	3.86E-03	0.00018	6.9E-07	0.00011	0.00415	4.87E-03	0.000224	5.83E-07	6.58E-05	5.16E-03	0.004804	0.000192	4.76E-07	6.99E-05	0.005067
871	490336.72	3860785.12	0.04266	0.04198	0.03679	0.04883	3.87E-03	0.00018	6.9E-07	0.00011	0.00416	4.88E-03	0.000224	5.85E-07	6.6E-05	5.17E-03	0.00481	0.000193	4.78E-07	7.01E-05	0.005073
872	490386.72	3860785.12	0.0428	0.04218	0.03696	0.04903	3.88E-03	0.00018	6.9E-07	0.00011	0.00417	4.90E-03	0.000225	5.87E-07	6.63E-05	5.19E-03	0.004826	0.000194	4.8E-07	7.04E-05	0.00509
873	490436.72	3860785.12	0.04284	0.04228	0.03706	0.04919	3.88E-03	0.00018	6.9E-07	0.00011	0.00418	4.90E-03	0.000226	5.89E-07	6.65E-05	5.19E-03	0.00483	0.000194	4.81E-07	7.06E-05	0.005095
874	490486.72	3860785.12	0.04295	0.04247	0.03722	0.04942	3.89E-03	0.00018	7E-07	0.00011	0.00419	4.91E-03	0.000227	5.92E-07	6.68E-05	5.21E-03	0.004843	0.000195	4.83E-07	7.1E-05	0.005109
875	490536.72	3860785.12	0.04292	0.0425	0.03726	0.04959	3.89E-03	0.00018	7E-07	0.00011	0.00418	4.91E-03	0.000227	5.92E-07	6.71E-05	5.20E-03	0.004839	0.000195	4.84E-07	7.12E-05	0.005106
876	490586.72	3860785.12	0.04281	0.04245	0.03723	0.04973	3.88E-03	0.00018	7E-07	0.00012	0.00417	4.90E-03	0.000227	5.92E-07	6.72E-05	5.19E-03	0.004827	0.000195	4.83E-07	7.14E-05	0.005094
877	490636.72	3860785.12	0.04279	0.04252	0.03729	0.04993	3.88E-03	0.00018	7E-07	0.00012	0.00417	4.89E-03	0.000227	5.93E-07	6.75E-05	5.19E-03	0.004825	0.000195	4.84E-07	7.17E-05	0.005092
878	490686.72	3860785.12	0.04281	0.04263	0.03738	0.05014	3.88E-03	0.00018	7E-07	0.00012	0.00418	4.90E-03	0.000228	5.94E-07	6.78E-05	5.19E-03	0.004827	0.000196	4.85E-07	7.2E-05	0.005095
879	490736.72	3860785.12	0.04285	0.04276	0.03749	0.05036	3.88E-03	0.00018	7E-07	0.00012	0.00418	4.90E-03	0.000228	5.96E-07	6.81E-05	5.20E-03	0.004831	0.000196	4.87E-07	7.23E-05	0.0051
880	490086.72	3860835.12	0.04132	0.04042	0.03565	0.04718	3.74E-03	0.00017	6.7E-07	0.00011	0.00403	4.73E-03	0.000216	5.67E-07	6.38E-05	5.01E-03	0.004659	0.000186	4.63E-07	6.78E-05	0.004913
881	490136.72	3860835.12	0.04144	0.04059	0.03573	0.04728	3.76E-03	0.00017	6.7E-07	0.00011	0.00404	4.74E-03	0.000217	5.68E-07	6.39E-05	5.02E-03	0.004672	0.000186	4.64E-07	6.79E-05	0.004927
882	490186.72	3860835.12	0.04144	0.04064	0.03574	0.04731	3.76E-03	0.00017	6.7E-07	0.00011	0.00404	4.74E-03	0.000217	5.68E-07	6.4E-05	5.02E-03	0.004672	0.000187	4.64E-07	6.79E-05	0.004927
883	490236.72	3860835.12	0.04148	0.04072	0.03579	0.04737	3.76E-03	0.00017	6.7E-07	0.00011	0.00404	4.74E-03	0.000217	5.69E-07	6.4E-05	5.03E-03	0.004677	0.000187	4.65E-07	6.8E-05	0.004932
884	490286.72	3860835.12	0.04155	0.04085	0.03588	0.04748	3.77E-03	0.00017	6.7E-07	0.00011	0.00405	4.75E-03	0.000218	5.7E-07	6.42E-05	5.04E-03	0.004685	0.000188	4.66E-07	6.82E-05	0.004941
885	490336.72	3860835.12	0.04158	0.04093	0.03595	0.04757	3.77E-03	0.00017	6.7E-07	0.00011	0.00405	4.76E-03	0.000219	5.71E-07	6.43E-05	5.04E-03	0.004688	0.000188	4.67E-07	6.83E-05	0.004945
886	490386.72	3860835.12	0.04164	0.04104	0.03604	0.04771	3.77E-03	0.00017	6.7E-07	0.00011	0.00406	4.76E-03	0.000219	5.73E-07	6.45E-05	5.05E-03	0.004695	0.000188	4.68E-07	6.85E-05	0.004952
887	490436.72	3860835.12	0.04175	0.0412	0.03618	0.04789	3.78E-03	0.00017	6.8E-07	0.00011	0.00407	4.78E-03	0.00022	5.75E-07	6.48E-05	5.06E-03	0.004707	0.000189	4.7E-07	6.88E-05	0.004966
888	490486.72	3860835.12	0.04182	0.04134	0.03631	0.04807	3.79E-03	0.00017	6.8E-07	0.00011	0.00408	4.78E-03	0.000221	5.77E-07	6.5E-05	5.07E-03	0.004715	0.00019	4.71E-07	6.9E-05	0.004975
889	490536.72	3860835.12	0.04185	0.04143	0.0364	0.04825	3.79E-03	0.00018	6.8E-07	0.00011	0.00408	4.79E-03	0.000221	5.79E-07	6.52E-05	5.07E-03	0.004719	0.00019	4.72E-07	6.93E-05	0.004979
890	490586.72	3860835.12	0.04183	0.04147	0.03645	0.04842	3.79E-03	0.00018	6.8E-07	0.00011	0.00408	4.78E-03	0.000221	5.79E-07	6.55E-05	5.07E-03	0.004716	0.00019	4.73E-07	6.95E-05	0.004977
891	490636.72	3860835.12	0.0418	0.04152	0.03649	0.0486	3.79E-03	0.00018	6.8E-07	0.00011	0.00408	4.78E-03	0.000222	5.8E-07	6.57E-05	5.07E-03	0.004713	0.000191	4.74E-07	6.98E-05	0.004974
892	490686.72	3860835.12	0.04182	0.04162	0.03658	0.04882	3.79E-03	0.00018	6.8E-07	0.00011	0.00408	4.78E-03	0.000222	5.81E-07	6.6E-05	5.07E-03	0.004715	0.000191	4.75E-07	7.01E-05	0.004977
893	490736.72	3860835.12	0.04188	0.04176	0.0367	0.04905	3.80E-03	0.00018	6.9E-07	0.00011	0.00409	4.79E-03	0.000223	5.83E-07	6.63E-05	5.08E-03	0.004722	0.000192	4.76E-07	7.04E-05	0.004985
894	490086.72	3860885.12	0.04037	0.0395	0.03496	0.0461	3.66E-03	0.00017	6.5E-07	0.00011	0.00393	4.62E-03	0.000211	5.56E-07	6.23E-05	4.89E-03	0.004552	0.000181	4.54E-07	6.62E-05	0.0048
895	490136.72	3860885.12	0.04042	0.03959	0.03498	0.04615	3.66E-03	0.00017	6.5E-07	0.00011	0.00394	4.62E-03	0.000211	5.56E-07	6.24E-05	4.90E-03	0.004557	0.000182	4.54E-07	6.63E-05	0.004806
896	490186.72	3860885.12	0.04045	0.03967	0.035	0.04619	3.67E-03	0.00017	6.6E-07	0.00011	0.00394	4.63E-03	0.000212	5.56E-07	6.25E-05	4.90E-03	0.004561	0.000182	4.54E-07	6.63E-05	0.00481
897	490236.72	3860885.12	0.04049	0.03976	0.03504	0.04624	3.67E-03	0.00017	6.6E-07	0.00011	0.00395	4.63E-03	0.000212	5.57E-07	6.25E-05	4.91E-03	0.004565	0.000183	4.55E-07	6.64E-05	0.004815
898	490286.72	3860885.12	0.04053	0.03985	0.03509	0.04631	3.67E-03	0.00017	6.6E-07	0.00011	0.00395	4.64E-03	0.000213	5.58E-07	6.26E-05	4.91E-03	0.00457	0.000183	4.55E-07	6.65E-05	0.00482
899	490336.72	3860885.12	0.04056	0.03992	0.03514	0.04638	3.68E-03	0.00017	6.6E-07	0.00011	0.00395	4.64E-03	0.000213	5.58E-07	6.27E-05	4.92E-03	0.004573	0.000183	4.56E-07	6.66E-05	0.004824
900	490386.72	3860885.12	0.04064	0.04006	0.03525	0.04651	3.68E-03	0.00017	6.6E-07	0.00011	0.00396	4.65E-03	0.000214	5.6E-07	6.29E-05	4.93E-03	0.004582	0.000184	4.58E-07	6.68E-05	0.004833
901	490436.72	3860885.12	0.04074	0.04021	0.03538	0.04667	3.69E-03	0.00017	6.6E-07	0.00011	0.00397	4.66E-03	0.000215	5.62E-07	6.31E-05	4.94E-03	0.004593	0.000185	4.59E-07	6.7E-05	0.004846
902	490486.72	3860885.12	0.0408	0.04033	0.03548	0.04682	3.70E-03	0.00017	6.6E-07	0.00011	0.00398	4.67E-03	0.000215	5.64E-07	6.33E-05	4.95E-03	0.0046	0.000185	4.61E-07	6.72E-05	0.004853
903	490536.72	3860885.12	0.04083	0.04042	0.03557	0.04698	3.70E-03	0.00017	6.7E-07	0.00011	0.00398	4.67E-03	0.000216	5.65E-07	6.35E-05	4.95E-03	0.004604	0.000186	4.62E-07	6.75E-05	0.004857
904	490586.72	3860885.12	0.04084	0.04049	0.03564	0.04714	3.70E-03	0.00017	6.7E-07	0.00011	0.00398	4.67E-03	0.000216	5.66E-07	6.37E-05	4.95E-03	0.004605	0.000186	4.63E-07	6.77E-05	0.004859
905	490636.72	3860885.12	0.04083	0.04054	0.0357	0.04732	3.70E-03	0.00017	6.7E-07	0.00011	0.00398	4.67E-03	0.000216	5.67E-07	6.4E-05	4.95E-03	0.004604	0.000186	4.63E-07	6.8E-05	0.004858
906	490686.72	3860885.12	0.04084	0.04062	0.03578	0.04751	3.70E-03	0.00017	6.7E-07	0.00011	0.00398	4.67E-03	0.000217	5.69E-07	6.42E-05	4.95E-03	0.004605	0.000187	4.64E-07	6.82E-05	0.00486
907	490736.72	3860885.12	0.04086	0.04072	0.03586	0.04772	3.70E-03	0.00017	6.7E-07	0.00011	0.00399	4.67E-03	0.000217	5.7E-07	6.45E-05	4.96E-03	0.004607	0.000187	4.65E-07	6.85E-05	0.004863
908	490086.72	3860935.12	0.03939	0.03853	0.03425	0.04502	3.57E-03	0.00016	6.4E-07	0.0001	0.00384	4.51E-03	0.000206	5.44E-07	6.09E-05	4.77E-03	0.004441	0.000177	4.45E-07	6.47E-05	0.004683
909	490136.72	3860935.12	0.03939	0.03857	0.03422	0.04502	3.57E-03	0.00016	6.4E-07	0.0001	0.00384	4.51E-03	0.000206	5.44E-07	6.09E-05	4.77E-03	0.004441	0.000177	4.44E-07	6.47E-05	0.004683
910	490186.72	3860935.12	0.03946	0.0387	0.03426	0.04508	3.58E-03	0.00016	6.4E-07	0.0001	0.00384	4.51E-03	0.000207	5.44E-07	6.1E-05	4.78E-03	0.004449	0.000178	4.45E-07	6.47E-05	0.004692
911	490236.72	3860935.12	0.03951	0.0388	0.0343	0.04514	3.58E-03	0.00016	6.4E-07	0.0001	0.00385	4.52E-03	0.000207	5.45E-07	6.1E-05	4.79E-03	0.004455	0.000178	4.45E-07	6.48E-05	0.004698

912	490286.72	3860935.12	0.03958	0.03892	0.03436	0.04521	3.59E-03	0.00016	6.4E-07	0.0001	0.00386	4.53E-03	0.000208	5.46E-07	6.11E-05	4.80E-03	0.004463	0.000179	4.46E-07	6.49E-05	0.004707
913	490336.72	3860935.12	0.03959	0.03898	0.03439	0.04526	3.59E-03	0.00016	6.4E-07	0.0001	0.00386	4.53E-03	0.000208	5.47E-07	6.12E-05	4.80E-03	0.004464	0.000179	4.46E-07	6.5E-05	0.004708
914	490386.72	3860935.12	0.03968	0.03912	0.0345	0.04538	3.60E-03	0.00017	6.5E-07	0.00011	0.00387	4.54E-03	0.000209	5.48E-07	6.14E-05	4.81E-03	0.004474	0.00018	4.48E-07	6.52E-05	0.004719
915	490436.72	3860935.12	0.03977	0.03926	0.03461	0.04551	3.60E-03	0.00017	6.5E-07	0.00011	0.00388	4.55E-03	0.00021	5.5E-07	6.15E-05	4.82E-03	0.004484	0.00018	4.49E-07	6.54E-05	0.00473
916	490486.72	3860935.12	0.03982	0.03935	0.03469	0.04563	3.61E-03	0.00017	6.5E-07	0.00011	0.00388	4.55E-03	0.00021	5.51E-07	6.17E-05	4.83E-03	0.00449	0.000181	4.5E-07	6.55E-05	0.004736
917	490536.72	3860935.12	0.03987	0.03946	0.03479	0.04578	3.61E-03	0.00017	6.5E-07	0.00011	0.00389	4.56E-03	0.000211	5.53E-07	6.19E-05	4.83E-03	0.004495	0.000181	4.52E-07	6.57E-05	0.004743
918	490586.72	3860935.12	0.03989	0.03953	0.03486	0.04593	3.61E-03	0.00017	6.5E-07	0.00011	0.00389	4.56E-03	0.000211	5.54E-07	6.21E-05	4.84E-03	0.004498	0.000182	4.52E-07	6.6E-05	0.004746
919	490636.72	3860935.12	0.03989	0.0396	0.03493	0.04608	3.61E-03	0.00017	6.5E-07	0.00011	0.00389	4.56E-03	0.000211	5.55E-07	6.23E-05	4.84E-03	0.004498	0.000182	4.53E-07	6.62E-05	0.004746
920	490686.72	3860935.12	0.03991	0.03968	0.03501	0.04627	3.62E-03	0.00017	6.6E-07	0.00011	0.00389	4.56E-03	0.000212	5.56E-07	6.26E-05	4.84E-03	0.0045	0.000182	4.54E-07	6.64E-05	0.004749
921	490736.72	3860935.12	0.03992	0.03976	0.03509	0.04646	3.62E-03	0.00017	6.6E-07	0.00011	0.00389	4.57E-03	0.000212	5.58E-07	6.28E-05	4.84E-03	0.004501	0.000183	4.55E-07	6.67E-05	0.004751
922	490786.72	3860935.12	0.03994	0.03985	0.03516	0.04666	3.62E-03	0.00017	6.6E-07	0.00011	0.0039	4.57E-03	0.000213	5.59E-07	6.31E-05	4.84E-03	0.004503	0.000183	4.56E-07	6.7E-05	0.004754
923	490836.72	3860935.12	0.03999	0.03998	0.03527	0.04689	3.62E-03	0.00017	6.6E-07	0.00011	0.0039	4.57E-03	0.000213	5.61E-07	6.34E-05	4.85E-03	0.004509	0.000184	4.58E-07	6.73E-05	0.00476
924	490086.72	3860985.12	0.03849	0.03764	0.03361	0.04401	3.49E-03	0.00016	6.3E-07	0.0001	0.00375	4.40E-03	0.000201	5.34E-07	5.95E-05	4.66E-03	0.00434	0.000173	4.36E-07	6.32E-05	0.004576
925	490136.72	3860985.12	0.03853	0.03773	0.0336	0.04404	3.49E-03	0.00016	6.3E-07	0.0001	0.00375	4.41E-03	0.000201	5.34E-07	5.95E-05	4.67E-03	0.004344	0.000173	4.36E-07	6.32E-05	0.004581
926	490186.72	3860985.12	0.0386	0.03786	0.03363	0.04409	3.50E-03	0.00016	6.3E-07	0.0001	0.00376	4.42E-03	0.000202	5.34E-07	5.96E-05	4.68E-03	0.004352	0.000174	4.37E-07	6.33E-05	0.00459
927	490236.72	3860985.12	0.0386	0.0379	0.03362	0.04411	3.50E-03	0.00016	6.3E-07	0.0001	0.00376	4.42E-03	0.000202	5.34E-07	5.96E-05	4.68E-03	0.004352	0.000174	4.36E-07	6.33E-05	0.00459
928	490286.72	3860985.12	0.03863	0.03798	0.03364	0.04414	3.50E-03	0.00016	6.3E-07	0.0001	0.00376	4.42E-03	0.000203	5.35E-07	5.97E-05	4.68E-03	0.004356	0.000174	4.37E-07	6.34E-05	0.004594
929	490336.72	3860985.12	0.03867	0.03807	0.03368	0.0442	3.50E-03	0.00016	6.3E-07	0.0001	0.00377	4.42E-03	0.000203	5.35E-07	5.98E-05	4.69E-03	0.00436	0.000175	4.37E-07	6.35E-05	0.004599
930	490386.72	3860985.12	0.03874	0.03819	0.03375	0.04428	3.51E-03	0.00016	6.3E-07	0.0001	0.00378	4.43E-03	0.000204	5.36E-07	5.99E-05	4.70E-03	0.004368	0.000175	4.38E-07	6.36E-05	0.004607
931	490436.72	3860985.12	0.03885	0.03835	0.03388	0.04442	3.52E-03	0.00016	6.3E-07	0.0001	0.00379	4.44E-03	0.000205	5.38E-07	6.01E-05	4.71E-03	0.00438	0.000176	4.4E-07	6.38E-05	0.004621
932	490486.72	3860985.12	0.0389	0.03844	0.03395	0.04452	3.53E-03	0.00016	6.4E-07	0.0001	0.00379	4.45E-03	0.000205	5.4E-07	6.02E-05	4.72E-03	0.004386	0.000177	4.41E-07	6.39E-05	0.004627
933	490536.72	3860985.12	0.03892	0.03851	0.03402	0.04462	3.53E-03	0.00016	6.4E-07	0.0001	0.00379	4.45E-03	0.000206	5.41E-07	6.03E-05	4.72E-03	0.004388	0.000177	4.42E-07	6.41E-05	0.00463
934	490586.72	3860985.12	0.03895	0.03859	0.03409	0.04475	3.53E-03	0.00016	6.4E-07	0.0001	0.0038	4.46E-03	0.000206	5.42E-07	6.05E-05	4.72E-03	0.004392	0.000177	4.43E-07	6.43E-05	0.004634
935	490636.72	3860985.12	0.039	0.0387	0.03419	0.04492	3.53E-03	0.00016	6.4E-07	0.0001	0.0038	4.46E-03	0.000207	5.43E-07	6.07E-05	4.73E-03	0.004397	0.000178	4.44E-07	6.45E-05	0.00464
936	490686.72	3860985.12	0.03901	0.03877	0.03426	0.04508	3.54E-03	0.00016	6.4E-07	0.0001	0.0038	4.46E-03	0.000207	5.44E-07	6.1E-05	4.73E-03	0.004398	0.000178	4.45E-07	6.47E-05	0.004642
937	490736.72	3860985.12	0.03901	0.03883	0.03433	0.04525	3.54E-03	0.00016	6.4E-07	0.0001	0.0038	4.46E-03	0.000207	5.46E-07	6.12E-05	4.73E-03	0.004398	0.000178	4.46E-07	6.5E-05	0.004642
938	490786.72	3860985.12	0.03904	0.03892	0.03441	0.04545	3.54E-03	0.00016	6.4E-07	0.00011	0.00381	4.47E-03	0.000208	5.47E-07	6.15E-05	4.74E-03	0.004402	0.000179	4.47E-07	6.53E-05	0.004646
939	490836.72	3860985.12	0.03909	0.03905	0.03452	0.04567	3.54E-03	0.00017	6.5E-07	0.00011	0.00381	4.47E-03	0.000209	5.49E-07	6.18E-05	4.74E-03	0.004407	0.000179	4.48E-07	6.56E-05	0.004653
940	490086.72	3861035.12	0.03762	0.03678	0.03298	0.04302	3.41E-03	0.00016	6.2E-07	1E-04	0.00367	4.30E-03	0.000196	5.24E-07	5.82E-05	4.56E-03	0.004242	0.000169	4.28E-07	6.18E-05	0.004473
941	490136.72	3861035.12	0.03767	0.03688	0.03298	0.04306	3.41E-03	0.00016	6.2E-07	1E-04	0.00367	4.31E-03	0.000197	5.24E-07	5.82E-05	4.56E-03	0.004247	0.000169	4.28E-07	6.18E-05	0.004479
942	490186.72	3861035.12	0.0377	0.03696	0.03297	0.04309	3.42E-03	0.00016	6.2E-07	1E-04	0.00367	4.31E-03	0.000197	5.24E-07	5.83E-05	4.57E-03	0.004251	0.00017	4.28E-07	6.19E-05	0.004483
943	490236.72	3861035.12	0.03775	0.03707	0.03299	0.04314	3.42E-03	0.00016	6.2E-07	1E-04	0.00368	4.32E-03	0.000198	5.24E-07	5.83E-05	4.57E-03	0.004256	0.00017	4.28E-07	6.2E-05	0.004489
944	490286.72	3861035.12	0.03775	0.03712	0.03298	0.04315	3.42E-03	0.00016	6.2E-07	1E-04	0.00368	4.32E-03	0.000198	5.24E-07	5.83E-05	4.57E-03	0.004256	0.00017	4.28E-07	6.2E-05	0.004489
945	490336.72	3861035.12	0.03777	0.03718	0.03299	0.04318	3.42E-03	0.00016	6.2E-07	0.0001	0.00368	4.32E-03	0.000199	5.24E-07	5.84E-05	4.58E-03	0.004259	0.000171	4.28E-07	6.2E-05	0.004492
946	490386.72	3861035.12	0.03787	0.03733	0.03308	0.04327	3.43E-03	0.00016	6.2E-07	0.0001	0.00369	4.33E-03	0.000199	5.26E-07	5.85E-05	4.59E-03	0.00427	0.000171	4.29E-07	6.21E-05	0.004504
947	490436.72	3861035.12	0.03797	0.03748	0.03318	0.04338	3.44E-03	0.00016	6.2E-07	0.0001	0.0037	4.34E-03	0.0002	5.27E-07	5.87E-05	4.60E-03	0.004281	0.000172	4.31E-07	6.23E-05	0.004516
948	490486.72	3861035.12	0.03802	0.03757	0.03325	0.04346	3.45E-03	0.00016	6.2E-07	0.0001	0.00371	4.35E-03	0.000201	5.28E-07	5.88E-05	4.61E-03	0.004287	0.000173	4.32E-07	6.24E-05	0.004522
949	490536.72	3861035.12	0.03805	0.03765	0.03331	0.04355	3.45E-03	0.00016	6.2E-07	0.0001	0.00371	4.35E-03	0.000201	5.29E-07	5.89E-05	4.61E-03	0.00429	0.000173	4.32E-07	6.25E-05	0.004526
950	490586.72	3861035.12	0.03807	0.03771	0.03337	0.04365	3.45E-03	0.00016	6.2E-07	0.0001	0.00371	4.35E-03	0.000201	5.3E-07	5.9E-05	4.62E-03	0.004292	0.000173	4.33E-07	6.27E-05	0.004529
951	490636.72	3861035.12	0.03809	0.03778	0.03344	0.04377	3.45E-03	0.00016	6.3E-07	0.0001	0.00371	4.36E-03	0.000202	5.31E-07	5.92E-05	4.62E-03	0.004295	0.000173	4.34E-07	6.29E-05	0.004531
952	490686.72	3861035.12	0.03811	0.03786	0.03351	0.04392	3.45E-03	0.00016	6.3E-07	0.0001	0.00372	4.36E-03	0.000202	5.33E-07	5.94E-05	4.62E-03	0.004297	0.000174	4.35E-07	6.31E-05	0.004534
953	490736.72	3861035.12	0.03813	0.03793	0.03359	0.04408	3.46E-03	0.00016	6.3E-07	0.0001	0.00372	4.36E-03	0.000203	5.34E-07	5.96E-05	4.62E-03	0.004299	0.000174	4.36E-07	6.33E-05	0.004537
954	490786.72	3861035.12	0.03817	0.03804	0.03369	0.04428	3.46E-03	0.00016	6.3E-07	0.0001	0.00372	4.37E-03	0.000203	5.35E-07	5.99E-05	4.63E-03	0.004304	0.000175	4.37E-07	6.36E-05	0.004542
955	490836.72	3861035.12	0.03822	0.03815	0.03379	0.04449	3.46E-03	0.00016	6.3E-07	0.0001	0.00373	4.37E-03	0.000204	5.37E-07	6.02E-05	4.64E-03	0.004309	0.000175	4.39E-07	6.39E-05	0.004549
956	490086.72	3861085.12	0.03679	0.03595	0.03238	0.04208	3.33E-03	0.00015	6.1E-07	9.7E-05	0.00358	4.21E-03	0.000192	5.15E-07	5.69E-05	4.46E-03	0.004148	0.000165	4.2E-07	6.04E-05	0.004374
957	490136.72	3861085.12	0.03688	0.03609	0.03241	0.04214	3.34E-03	0.00015	6.1E-07	9.8E-05	0.00359	4.22E-03	0.000193	5.15E-07	5.7E-05	4.47E-03	0.004158	0.000166	4.21E-07	6.05E-05	0.004385
958	490186.72	3861085.12	0.03697	0.03624	0.03245	0.04222	3.35E-03	0.00015	6.1E-07	9.8E-05	0.0036	4.23E-03	0.000194	5.16E-07	5.71E-05	4.48E-03	0.004168	0.000166	4.21E-07	6.06E-05	0.004396
959	490236.72	3861085.12	0.03696	0.03628	0.03241	0.04222	3.35E-03	0.00015	6.1E-07	9.8E-05	0.0036	4.23E-03	0.000194	5.15E-07	5.71E-05	4.48E-03	0.004167	0.000167	4.21E-07	6.06E-05	0.004395
960	490286.72	3861085.12	0.03696	0.03633	0.03239	0.04223	3.35E-03	0.00015	6.1E-07	9.8E-05	0.0036	4.23E-03	0.000194	5.15E-07	5.71E-05	4.48E-03	0.004167	0.000167	4.2E-07	6.06E-05	0.004395
961	490336.72	3861085.12	0.03697	0.03639	0.03238	0.04224	3.35E-03	0.00015	6.1E-07	9.8E-05	0.0036	4.23E-03	0.000194	5.15E-07	5.71E-05	4.48E-03	0.004168	0.000167	4.2E-07	6.07E-05	0.004397
962	490386.72	3861085.12	0.03705	0.03651	0.03244	0.04231	3.36E-03	0.00015	6.1E-07	9.8E-05	0.00361	4.24E-03	0.000195	5.16E-07	5.72E-05	4.49E-03	0.004177	0.000168	4.21E-07	6.08E-05	0.004406
963	490436.72	3861085.12	0.03709	0.03661	0.03249	0.04237	3.36E-03	0.00015	6.1E-07	9.8E-05	0.00361	4.24E-03	0.000195	5.16E-07	5.73E-05	4.50E-03	0.004182	0.000168	4.22E-07	6.08E-05	0.004411
964	490486.72	3861085.12	0.03714	0.0367	0.03255	0.04244	3.37E-03	0.00016	6.1E-07	9.8E-05	0.00362	4.25E-03	0.000196	5.17E-07	5.74E-05	4.50E-03	0.004188	0.000169	4.23E-07	6.09E-05	0.004417
965	490536.72	3861085.12	0.03722	0.03682	0.03264	0.04254	3.37E-03	0.00016	6.1E-07	9.9E-05	0.00363	4.26E-03	0.000197	5.19E-07	5.75E-05	4.51E-03	0.004197	0.000169	4.24E-07	6.11E-05	0.004427
966	490586.72	3861085.12	0.03723	0.03687	0.03269	0.04262	3.37E-03	0.00016	6.1E-07	9.9E-05	0.00363	4.26E-03	0.000197	5.2E-07	5.76E-05	4.51E-03	0.004198	0.000169	4.24E-07	6.12E-05	0.004429
967	490636.72	3861085.12	0.03721	0.0369	0.03272	0.04269	3.37E-03	0.00016	6.1E-07	9.9E-05	0.00363	4.26E-03	0.000197	5.2E-07	5.77E-05	4.51E-03	0.004195	0.000169	4.25E-07	6.13E-05	0.004427
968	490686.72	3861085.12	0.03723	0.03697	0.03279	0.04281	3.37E-03	0.00016	6.1E-07	9.9E-05	0.00363	4.26E-03	0.000197	5.21E-07	5.79E-05	4.51E-03	0.004198	0.00017	4.26E-07	6.15E-05	0.004429
969	490736.72	3861085.12	0.03728	0.03707	0.03288	0.04297	3.38E-03	0.00016	6.2E-07	1E-04	0.00364	4.26E-03	0.000198	5.23E-07	5.81E-05	4.52E-03	0.004203	0.00017	4.27E-07	6.17E-05	0.004436
970	490786.72	3861085.12	0.03732	0.03717	0.03297	0.04315	3.38E-03	0.00016	6.2E-07	1E-04	0.00364	4.27E-03	0.000198	5.24E-07	5.83E-05	4.53E-03	0.004208	0.000171	4.28E-07	6.2E-05	0.004441
971	490836.72	3861085.12	0.03736	0.03727	0.03307	0.04334	3.39E-03	0.00016	6.2E-07	0.0001	0.00364	4.27E-03	0.000199	5.26E-07	5.86E-05	4.53E-03	0.004212	0.000171	4.29E-07	6.22E-05	0.004446
972	490086.72	3861135.12	0.03598	0.03515	0.03179	0.04116	3.26E-03	0.00015	6E-07	9.5E-05	0.00351	4.12E-03	0.000188	5.05E-07	5.57E-05	4.36E-03	0.004057	0.000161	4.13E-07	5.91E-05	0.004278

973	490136.72	3861135.12	0.03605	0.03527	0.03181	0.04122	3.27E-03	0.00015	6E-07	9.5E-05	0.00351	4.12E-03	0.000188	5.06E-07	5.57E-05	4.37E-03	0.004065	0.000162	4.13E-07	5.92E-05	0.004286
974	490186.72	3861135.12	0.03613	0.0354	0.03183	0.04128	3.27E-03	0.00015	6E-07	9.6E-05	0.00352	4.13E-03	0.000189	5.06E-07	5.58E-05	4.38E-03	0.004074	0.000163	4.13E-07	5.93E-05	0.004296
975	490236.72	3861135.12	0.03619	0.0355	0.03184	0.04132	3.28E-03	0.00015	6E-07	9.6E-05	0.00353	4.14E-03	0.00019	5.06E-07	5.59E-05	4.39E-03	0.00408	0.000163	4.13E-07	5.93E-05	0.004303
976	490286.72	3861135.12	0.03621	0.03558	0.03183	0.04134	3.28E-03	0.00015	6E-07	9.6E-05	0.00353	4.14E-03	0.00019	5.06E-07	5.59E-05	4.39E-03	0.004083	0.000163	4.13E-07	5.94E-05	0.004306
977	490336.72	3861135.12	0.03621	0.03563	0.03182	0.04136	3.28E-03	0.00015	6E-07	9.6E-05	0.00353	4.14E-03	0.00019	5.06E-07	5.59E-05	4.39E-03	0.004083	0.000164	4.13E-07	5.94E-05	0.004306
978	490386.72	3861135.12	0.03625	0.03572	0.03184	0.0414	3.29E-03	0.00015	6E-07	9.6E-05	0.00353	4.15E-03	0.000191	5.06E-07	5.6E-05	4.39E-03	0.004087	0.000164	4.13E-07	5.95E-05	0.004311
979	490436.72	3861135.12	0.03628	0.0358	0.03186	0.04143	3.29E-03	0.00015	6E-07	9.6E-05	0.00354	4.15E-03	0.000191	5.06E-07	5.6E-05	4.40E-03	0.004091	0.000164	4.14E-07	5.95E-05	0.004315
980	490486.72	3861135.12	0.03633	0.03589	0.03191	0.04149	3.29E-03	0.00015	6E-07	9.6E-05	0.00354	4.16E-03	0.000192	5.07E-07	5.61E-05	4.40E-03	0.004096	0.000165	4.14E-07	5.96E-05	0.004321
981	490536.72	3861135.12	0.03637	0.03597	0.03196	0.04155	3.30E-03	0.00015	6E-07	9.6E-05	0.00354	4.16E-03	0.000192	5.08E-07	5.62E-05	4.41E-03	0.004101	0.000165	4.15E-07	5.97E-05	0.004326
982	490586.72	3861135.12	0.0364	0.03604	0.03201	0.04162	3.30E-03	0.00015	6E-07	9.6E-05	0.00355	4.16E-03	0.000192	5.09E-07	5.63E-05	4.41E-03	0.004104	0.000166	4.16E-07	5.98E-05	0.00433
983	490636.72	3861135.12	0.03639	0.03608	0.03204	0.04167	3.30E-03	0.00015	6E-07	9.7E-05	0.00355	4.16E-03	0.000193	5.09E-07	5.63E-05	4.41E-03	0.004103	0.000166	4.16E-07	5.98E-05	0.004329
984	490686.72	3861135.12	0.03642	0.03616	0.03211	0.04178	3.30E-03	0.00015	6E-07	9.7E-05	0.00355	4.17E-03	0.000193	5.1E-07	5.65E-05	4.42E-03	0.004106	0.000166	4.17E-07	6E-05	0.004333
985	490736.72	3861135.12	0.03647	0.03625	0.0322	0.04192	3.30E-03	0.00015	6E-07	9.7E-05	0.00356	4.17E-03	0.000194	5.12E-07	5.67E-05	4.42E-03	0.004112	0.000166	4.18E-07	6.02E-05	0.004339
986	490786.72	3861135.12	0.03652	0.03635	0.03229	0.04208	3.31E-03	0.00015	6E-07	9.7E-05	0.00356	4.18E-03	0.000194	5.13E-07	5.69E-05	4.43E-03	0.004118	0.000167	4.19E-07	6.04E-05	0.004345
987	490836.72	3861135.12	0.03655	0.03644	0.03238	0.04225	3.31E-03	0.00015	6.1E-07	9.8E-05	0.00356	4.18E-03	0.000195	5.15E-07	5.71E-05	4.43E-03	0.004121	0.000167	4.2E-07	6.07E-05	0.004349
988	490086.72	3861185.12	0.0352	0.03439	0.03122	0.04028	3.19E-03	0.00015	5.8E-07	9.3E-05	0.00343	4.03E-03	0.000184	4.96E-07	5.45E-05	4.26E-03	0.003969	0.000158	4.05E-07	5.78E-05	0.004185
989	490136.72	3861185.12	0.03522	0.03444	0.03119	0.04029	3.19E-03	0.00015	5.8E-07	9.3E-05	0.00343	4.03E-03	0.000184	4.96E-07	5.45E-05	4.27E-03	0.003971	0.000158	4.05E-07	5.79E-05	0.004187
990	490186.72	3861185.12	0.03528	0.03454	0.0312	0.04034	3.20E-03	0.00015	5.8E-07	9.3E-05	0.00344	4.04E-03	0.000184	4.96E-07	5.45E-05	4.27E-03	0.003978	0.000159	4.05E-07	5.79E-05	0.004195
991	490236.72	3861185.12	0.03534	0.03465	0.03122	0.04039	3.20E-03	0.00015	5.8E-07	9.4E-05	0.00344	4.04E-03	0.000185	4.96E-07	5.46E-05	4.28E-03	0.003985	0.000159	4.05E-07	5.8E-05	0.004202
992	490286.72	3861185.12	0.03543	0.03479	0.03126	0.04046	3.21E-03	0.00015	5.9E-07	9.4E-05	0.00345	4.05E-03	0.000186	4.97E-07	5.47E-05	4.29E-03	0.003995	0.00016	4.06E-07	5.81E-05	0.004213
993	490336.72	3861185.12	0.03538	0.0348	0.03119	0.04043	3.21E-03	0.00015	5.8E-07	9.4E-05	0.00345	4.05E-03	0.000186	4.96E-07	5.47E-05	4.29E-03	0.003989	0.00016	4.05E-07	5.81E-05	0.004207
994	490386.72	3861185.12	0.03543	0.03489	0.03121	0.04047	3.21E-03	0.00015	5.8E-07	9.4E-05	0.00345	4.05E-03	0.000186	4.96E-07	5.47E-05	4.29E-03	0.003995	0.00016	4.05E-07	5.81E-05	0.004213
995	490436.72	3861185.12	0.0355	0.03501	0.03126	0.04053	3.22E-03	0.00015	5.9E-07	9.4E-05	0.00346	4.06E-03	0.000187	4.97E-07	5.48E-05	4.30E-03	0.004003	0.000161	4.06E-07	5.82E-05	0.004222
996	490486.72	3861185.12	0.03553	0.03509	0.03128	0.04057	3.22E-03	0.00015	5.9E-07	9.4E-05	0.00346	4.06E-03	0.000187	4.97E-07	5.49E-05	4.31E-03	0.004006	0.000161	4.06E-07	5.83E-05	0.004226
997	490536.72	3861185.12	0.03563	0.03524	0.03138	0.04067	3.23E-03	0.00015	5.9E-07	9.4E-05	0.00347	4.08E-03	0.000188	4.99E-07	5.5E-05	4.32E-03	0.004017	0.000162	4.07E-07	5.84E-05	0.004238
998	490586.72	3861185.12	0.03563	0.03528	0.03139	0.0407	3.23E-03	0.00015	5.9E-07	9.4E-05	0.00347	4.08E-03	0.000188	4.99E-07	5.5E-05	4.32E-03	0.004017	0.000162	4.07E-07	5.84E-05	0.004238
999	490636.72	3861185.12	0.03559	0.03527	0.03138	0.04071	3.23E-03	0.00015	5.9E-07	9.4E-05	0.00347	4.07E-03	0.000188	4.99E-07	5.5E-05	4.31E-03	0.004013	0.000162	4.07E-07	5.85E-05	0.004234
1000	490686.72	3861185.12	0.03562	0.03534	0.03144	0.04079	3.23E-03	0.00015	5.9E-07	9.4E-05	0.00347	4.07E-03	0.000189	5E-07	5.52E-05	4.32E-03	0.004016	0.000162	4.08E-07	5.86E-05	0.004237
1001	490736.72	3861185.12	0.03569	0.03546	0.03155	0.04093	3.23E-03	0.00015	5.9E-07	9.5E-05	0.00348	4.08E-03	0.000189	5.01E-07	5.53E-05	4.33E-03	0.004024	0.000163	4.1E-07	5.88E-05	0.004246
1002	490786.72	3861185.12	0.03575	0.03557	0.03164	0.04107	3.24E-03	0.00015	5.9E-07	9.5E-05	0.00349	4.09E-03	0.00019	5.03E-07	5.55E-05	4.33E-03	0.004031	0.000163	4.11E-07	5.9E-05	0.004254
1003	490836.72	3861185.12	0.03579	0.03566	0.03173	0.04122	3.24E-03	0.00015	5.9E-07	9.5E-05	0.00349	4.09E-03	0.00019	5.04E-07	5.57E-05	4.34E-03	0.004035	0.000164	4.12E-07	5.92E-05	0.004259
1004	490086.72	3861235.12	0.03444	0.03364	0.03066	0.03942	3.12E-03	0.00014	5.7E-07	9.1E-05	0.00336	3.94E-03	0.00018	4.87E-07	5.33E-05	4.17E-03	0.003883	0.000154	3.98E-07	5.66E-05	0.004095
1005	490136.72	3861235.12	0.03447	0.03369	0.03064	0.03944	3.12E-03	0.00014	5.7E-07	9.1E-05	0.00336	3.94E-03	0.00018	4.87E-07	5.33E-05	4.18E-03	0.003886	0.000155	3.98E-07	5.66E-05	0.004098
1006	490186.72	3861235.12	0.03453	0.0338	0.03066	0.03948	3.13E-03	0.00014	5.7E-07	9.1E-05	0.00336	3.95E-03	0.00018	4.87E-07	5.34E-05	4.18E-03	0.003893	0.000155	3.98E-07	5.67E-05	0.004106
1007	490236.72	3861235.12	0.03455	0.03385	0.03063	0.03949	3.13E-03	0.00014	5.7E-07	9.1E-05	0.00337	3.95E-03	0.000181	4.87E-07	5.34E-05	4.19E-03	0.003896	0.000155	3.98E-07	5.67E-05	0.004108
1008	490386.72	3861235.12	0.03463	0.03409	0.0306	0.03957	3.14E-03	0.00014	5.7E-07	9.2E-05	0.00337	3.96E-03	0.000182	4.86E-07	5.35E-05	4.20E-03	0.003905	0.000157	3.97E-07	5.68E-05	0.004118
1009	490436.72	3861235.12	0.03465	0.03416	0.0306	0.0396	3.14E-03	0.00014	5.7E-07	9.2E-05	0.00338	3.96E-03	0.000182	4.86E-07	5.35E-05	4.20E-03	0.003907	0.000157	3.97E-07	5.69E-05	0.004121
1010	490486.72	3861235.12	0.03469	0.03424	0.03062	0.03963	3.14E-03	0.00014	5.7E-07	9.2E-05	0.00338	3.97E-03	0.000183	4.87E-07	5.36E-05	4.20E-03	0.003911	0.000157	3.97E-07	5.69E-05	0.004126
1011	490536.72	3861235.12	0.03484	0.03444	0.03075	0.03976	3.16E-03	0.00015	5.8E-07	9.2E-05	0.0034	3.98E-03	0.000184	4.89E-07	5.38E-05	4.22E-03	0.003928	0.000158	3.99E-07	5.71E-05	0.004144
1012	490586.72	3861235.12	0.03493	0.03458	0.03083	0.03985	3.17E-03	0.00015	5.8E-07	9.2E-05	0.0034	4.00E-03	0.000185	4.9E-07	5.39E-05	4.23E-03	0.003938	0.000159	4E-07	5.72E-05	0.004155
1013	490636.72	3861235.12	0.03482	0.0345	0.03076	0.0398	3.16E-03	0.00015	5.8E-07	9.2E-05	0.00339	3.98E-03	0.000184	4.89E-07	5.38E-05	4.22E-03	0.003926	0.000158	3.99E-07	5.72E-05	0.004142
1014	490686.72	3861235.12	0.03485	0.03457	0.03081	0.03986	3.16E-03	0.00015	5.8E-07	9.2E-05	0.0034	3.99E-03	0.000185	4.9E-07	5.39E-05	4.23E-03	0.003929	0.000159	4E-07	5.72E-05	0.004146
1015	490736.72	3861235.12	0.03493	0.03469	0.03091	0.03998	3.17E-03	0.00015	5.8E-07	9.3E-05	0.00341	4.00E-03	0.000185	4.91E-07	5.41E-05	4.24E-03	0.003938	0.000159	4.01E-07	5.74E-05	0.004155
1016	490786.72	3861235.12	0.035	0.03481	0.03101	0.04011	3.17E-03	0.00015	5.8E-07	9.3E-05	0.00341	4.00E-03	0.000186	4.93E-07	5.42E-05	4.24E-03	0.003946	0.00016	4.03E-07	5.76E-05	0.004164
1017	490836.72	3861235.12	0.03504	0.0349	0.03109	0.04024	3.18E-03	0.00015	5.8E-07	9.3E-05	0.00342	4.01E-03	0.000186	4.94E-07	5.44E-05	4.25E-03	0.003951	0.00016	4.04E-07	5.78E-05	0.004169
1018	490086.72	3861285.12	0.03377	0.03298	0.03016	0.03863	3.06E-03	0.00014	5.6E-07	8.9E-05	0.00329	3.86E-03	0.000176	4.79E-07	5.22E-05	4.09E-03	0.003808	0.000151	3.91E-07	5.55E-05	0.004015
1019	490136.72	3861285.12	0.03386	0.03309	0.0302	0.0387	3.07E-03	0.00014	5.7E-07	9E-05	0.0033	3.87E-03	0.000177	4.8E-07	5.23E-05	4.10E-03	0.003818	0.000152	3.92E-07	5.56E-05	0.004026
1020	490186.72	3861285.12	0.03384	0.0331	0.03015	0.03868	3.07E-03	0.00014	5.6E-07	9E-05	0.0033	3.87E-03	0.000177	4.79E-07	5.23E-05	4.10E-03	0.003815	0.000152	3.91E-07	5.55E-05	0.004023
1021	490236.72	3861285.12	0.03386	0.03316	0.03012	0.03869	3.07E-03	0.00014	5.6E-07	9E-05	0.0033	3.87E-03	0.000177	4.79E-07	5.23E-05	4.10E-03	0.003818	0.000152	3.91E-07	5.56E-05	0.004026
1022	490386.72	3861285.12	0.03392	0.03337	0.03007	0.03875	3.07E-03	0.00014	5.6E-07	9E-05	0.00331	3.88E-03	0.000178	4.78E-07	5.24E-05	4.11E-03	0.003824	0.000153	3.9E-07	5.56E-05	0.004034
1023	490436.72	3861285.12	0.03397	0.03347	0.03009	0.0388	3.08E-03	0.00014	5.6E-07	9E-05	0.00331	3.89E-03	0.000179	4.78E-07	5.25E-05	4.12E-03	0.00383	0.000154	3.91E-07	5.57E-05	0.00404
1024	490486.72	3861285.12	0.03398	0.03352	0.03008	0.03881	3.08E-03	0.00014	5.6E-07	9E-05	0.00331	3.89E-03	0.000179	4.78E-07	5.25E-05	4.12E-03	0.003831	0.000154	3.9E-07	5.57E-05	0.004041
1025	490536.72	3861285.12	0.03402	0.03361	0.0301	0.03885	3.08E-03	0.00014	5.6E-07	9E-05	0.00332	3.89E-03	0.000179	4.78E-07	5.25E-05	4.12E-03	0.003836	0.000154	3.91E-07	5.58E-05	0.004046
1026	490586.72	3861285.12	0.03409	0.03372	0.03016	0.03891	3.09E-03	0.00014	5.6E-07	9E-05	0.00332	3.90E-03	0.00018	4.79E-07	5.26E-05	4.13E-03	0.003844	0.000155	3.91E-07	5.59E-05	0.004055
1027	490636.72	3861285.12	0.03405	0.03373	0.03014	0.03891	3.09E-03	0.00014	5.6E-07	9E-05	0.00332	3.89E-03	0.00018	4.79E-07	5.26E-05	4.13E-03	0.003839	0.000155	3.91E-07	5.59E-05	0.00405
1028	490686.72	3861285.12	0.03409	0.03381	0.03019	0.03896	3.09E-03	0.00014	5.7E-07	9E-05	0.00332	3.90E-03	0.000181	4.8E-07	5.27E-05	4.13E-03	0.003844	0.000155	3.92E-07	5.59E-05	0.004055
1029	490736.72	3861285.12	0.03421	0.03397	0.03031	0.0391	3.10E-03	0.00014	5.7E-07	9.1E-05	0.00334	3.91E-03	0.000181	4.82E-07	5.29E-05	4.15E-03	0.003857	0.000156	3.93E-07	5.61E-05	0.00407
1030	490786.72	3861285.12	0.03425	0.03404	0.03038	0.03918	3.10E-03	0.00014	5.7E-07	9.1E-05	0.00334	3.92E-03	0.000182	4.83E-07	5.3E-05	4.15E-03	0.003862	0.000156	3.94E-07	5.63E-05	0.004075
1031	490836.72	3861285.12	0.03426	0.03409	0.03043	0.03926	3.10E-03	0.00014	5.7E-07	9.1E-05	0.00334	3.92E-03	0.000182	4.84E-07	5.31E-05	4.15E-03	0.003863	0.000157	3.95E-07	5.64E-05	0.004076
1032	490061.24	3859716.13	0.07578	0.0701	0.05734	0.08433	6.87E-03	0.0003	1.1E-06	0.0002	0.00736	8.67E-03	0.000374	9.11E-07	0.000114	9.16E-03	0.008544	0.000322	7.44E-07	0.000121	0.008988
1033	490111.24	3859716.13	0.07546	0.0696	0.05689	0.08353	6.84E-03	0.00029	1.1E-06	0.00019	0.00733	8.63E-03	0.000372	9.04E-07	0.000113	9.12E-03	0.008508	0.00032	7.38E-07	0.00012	0.008948

1034	490161.24	3859716.13	0.07514	0.06901	0.05638	0.08271	6.81E-03	0.00029	1.1E-06	0.00019	0.00729	8.59E-03	0.000368	8.96E-07	0.000112	9.08E-03	0.008472	0.000317	7.32E-07	0.000119	0.008908
1035	490211.24	3859716.13	0.07485	0.06842	0.05587	0.08195	6.78E-03	0.00029	1E-06	0.00019	0.00726	8.56E-03	0.000365	8.88E-07	0.000111	9.04E-03	0.008439	0.000314	7.25E-07	0.000118	0.008872
1036	490061.24	3859766.13	0.07348	0.06881	0.05654	0.08273	6.66E-03	0.00029	1.1E-06	0.00019	0.00714	8.40E-03	0.000367	8.99E-07	0.000112	8.88E-03	0.008285	0.000316	7.34E-07	0.000119	0.00872
1037	490111.24	3859766.13	0.07306	0.06833	0.05613	0.08204	6.62E-03	0.00029	1.1E-06	0.00019	0.0071	8.36E-03	0.000365	8.92E-07	0.000111	8.83E-03	0.008237	0.000314	7.29E-07	0.000118	0.00867
1038	490161.24	3859766.13	0.07267	0.0678	0.05566	0.0813	6.59E-03	0.00029	1E-06	0.00019	0.00706	8.31E-03	0.000362	8.85E-07	0.00011	8.78E-03	0.008194	0.000311	7.22E-07	0.000117	0.008622
1039	490211.24	3859766.13	0.07237	0.06728	0.0552	0.08056	6.56E-03	0.00028	1E-06	0.00019	0.00703	8.28E-03	0.000359	8.77E-07	0.000109	8.75E-03	0.00816	0.000309	7.17E-07	0.000116	0.008585
1040	490061.24	3859816.13	0.07137	0.06742	0.05566	0.08109	6.47E-03	0.00029	1E-06	0.00019	0.00694	8.16E-03	0.00036	8.85E-07	0.00011	8.63E-03	0.008047	0.00031	7.22E-07	0.000116	0.008474
1041	490111.24	3859816.13	0.0709	0.06698	0.05528	0.08048	6.43E-03	0.00028	1E-06	0.00019	0.0069	8.11E-03	0.000358	8.79E-07	0.000109	8.58E-03	0.007994	0.000308	7.18E-07	0.000116	0.008418
1042	490161.24	3859816.13	0.07048	0.06652	0.05488	0.07981	6.39E-03	0.00028	1E-06	0.00018	0.00685	8.06E-03	0.000355	8.72E-07	0.000108	8.53E-03	0.007947	0.000305	7.12E-07	0.000115	0.008367
1043	490211.24	3859816.13	0.07011	0.06605	0.05446	0.07912	6.35E-03	0.00028	1E-06	0.00018	0.00682	8.02E-03	0.000353	8.66E-07	0.000107	8.48E-03	0.007905	0.000303	7.07E-07	0.000114	0.008323
1044	490061.24	3859866.13	0.06942	0.06597	0.0547	0.07937	6.29E-03	0.00028	1E-06	0.00018	0.00675	7.94E-03	0.000352	8.69E-07	0.000107	8.40E-03	0.007827	0.000303	7.1E-07	0.000114	0.008245
1045	490111.24	3859866.13	0.06897	0.06563	0.05441	0.07888	6.25E-03	0.00028	1E-06	0.00018	0.00671	7.89E-03	0.00035	8.65E-07	0.000107	8.35E-03	0.007776	0.000301	7.06E-07	0.000113	0.008192
1046	490161.24	3859866.13	0.06854	0.06525	0.05408	0.07831	6.21E-03	0.00028	1E-06	0.00018	0.00667	7.84E-03	0.000348	8.6E-07	0.000106	8.29E-03	0.007728	0.0003	7.02E-07	0.000112	0.008141
1047	490211.24	3859866.13	0.06814	0.06485	0.05372	0.07768	6.17E-03	0.00027	1E-06	0.00018	0.00663	7.79E-03	0.000346	8.54E-07	0.000105	8.25E-03	0.007683	0.000298	6.97E-07	0.000112	0.008093
1048	490061.24	3859916.13	0.06756	0.06448	0.0537	0.07759	6.12E-03	0.00027	1E-06	0.00018	0.00658	7.73E-03	0.000344	8.53E-07	0.000105	8.18E-03	0.007617	0.000296	6.97E-07	0.000111	0.008026
1049	490111.24	3859916.13	0.06717	0.06424	0.05349	0.07723	6.09E-03	0.00027	1E-06	0.00018	0.00654	7.68E-03	0.000343	8.5E-07	0.000104	8.13E-03	0.007573	0.000295	6.94E-07	0.000111	0.00798
1050	490161.24	3859916.13	0.06674	0.06393	0.05321	0.07677	6.05E-03	0.00027	1E-06	0.00018	0.0065	7.63E-03	0.000341	8.46E-07	0.000104	8.08E-03	0.007525	0.000294	6.91E-07	0.00011	0.007929
1051	490211.24	3859916.13	0.06631	0.06356	0.05289	0.07622	6.01E-03	0.00027	9.9E-07	0.00018	0.00646	7.58E-03	0.000339	8.41E-07	0.000103	8.03E-03	0.007476	0.000292	6.87E-07	0.000109	0.007878
1052	490229.25	3859815.26	0.07006	0.06594	0.05435	0.0789	6.35E-03	0.00028	1E-06	0.00018	0.00681	8.01E-03	0.000352	8.64E-07	0.000107	8.47E-03	0.007899	0.000303	7.05E-07	0.000113	0.008316
1053	490279.25	3859815.26	0.06975	0.06544	0.0539	0.07821	6.32E-03	0.00028	1E-06	0.00018	0.00678	7.98E-03	0.000349	8.57E-07	0.000106	8.43E-03	0.007864	0.000301	7E-07	0.000112	0.008278
1054	490329.25	3859815.26	0.06948	0.06495	0.05345	0.07755	6.30E-03	0.00027	1E-06	0.00018	0.00675	7.95E-03	0.000347	8.49E-07	0.000105	8.40E-03	0.007834	0.000298	6.94E-07	0.000111	0.008244
1055	490379.25	3859815.26	0.06937	0.06459	0.05309	0.07695	6.29E-03	0.00027	9.9E-07	0.00018	0.00674	7.93E-03	0.000345	8.44E-07	0.000104	8.38E-03	0.007821	0.000297	6.89E-07	0.000111	0.008229
1056	490429.25	3859815.26	0.06937	0.06434	0.0528	0.07642	6.29E-03	0.00027	9.9E-07	0.00018	0.00674	7.93E-03	0.000344	8.39E-07	0.000103	8.38E-03	0.007821	0.000295	6.85E-07	0.00011	0.008227
1057	490229.25	3859865.26	0.06804	0.06471	0.05359	0.07747	6.17E-03	0.00027	1E-06	0.00018	0.00662	7.78E-03	0.000346	8.52E-07	0.000105	8.23E-03	0.007671	0.000297	6.96E-07	0.000111	0.008081
1058	490279.25	3859865.26	0.06767	0.06425	0.05317	0.0768	6.13E-03	0.00027	1E-06	0.00018	0.00658	7.74E-03	0.000343	8.45E-07	0.000104	8.19E-03	0.00763	0.000295	6.9E-07	0.00011	0.008036
1059	490329.25	3859865.26	0.06735	0.06378	0.05275	0.07614	6.10E-03	0.00027	9.9E-07	0.00018	0.00655	7.70E-03	0.000341	8.38E-07	0.000103	8.15E-03	0.007594	0.000293	6.85E-07	0.000109	0.007997
1060	490379.25	3859865.26	0.06713	0.06337	0.05236	0.07551	6.08E-03	0.00027	9.8E-07	0.00017	0.00653	7.68E-03	0.000338	8.32E-07	0.000102	8.12E-03	0.007569	0.000291	6.8E-07	0.000108	0.007969
1061	490429.25	3859865.26	0.06698	0.06301	0.052	0.07493	6.07E-03	0.00027	9.7E-07	0.00017	0.00651	7.66E-03	0.000336	8.26E-07	0.000101	8.10E-03	0.007552	0.000289	6.75E-07	0.000108	0.00795
1062	490229.25	3859915.26	0.0662	0.06345	0.05278	0.07603	6.00E-03	0.00027	9.9E-07	0.00018	0.00644	7.57E-03	0.000339	8.39E-07	0.000103	8.01E-03	0.007464	0.000291	6.85E-07	0.000109	0.007865
1063	490279.25	3859915.26	0.06577	0.06301	0.05239	0.07542	5.96E-03	0.00027	9.8E-07	0.00017	0.0064	7.52E-03	0.000336	8.33E-07	0.000102	7.96E-03	0.007416	0.000289	6.8E-07	0.000108	0.007814
1064	490329.25	3859915.26	0.06541	0.06258	0.05201	0.07477	5.93E-03	0.00026	9.7E-07	0.00017	0.00637	7.48E-03	0.000334	8.27E-07	0.000101	7.92E-03	0.007375	0.000287	6.75E-07	0.000107	0.00777
1065	490379.25	3859915.26	0.06512	0.06217	0.05162	0.07413	5.90E-03	0.00026	9.7E-07	0.00017	0.00634	7.45E-03	0.000332	8.2E-07	0.0001	7.88E-03	0.007342	0.000286	6.7E-07	0.000106	0.007735
1066	490429.25	3859915.26	0.06486	0.06175	0.05123	0.07351	5.88E-03	0.00026	9.6E-07	0.00017	0.00631	7.42E-03	0.00033	8.14E-07	9.94E-05	7.85E-03	0.007313	0.000284	6.65E-07	0.000106	0.007703
1067	490451.43	3859872.59	0.06658	0.06265	0.05171	0.07447	6.03E-03	0.00027	9.7E-07	0.00017	0.00647	7.62E-03	0.000335	8.22E-07	0.000101	8.05E-03	0.007507	0.000288	6.71E-07	0.000107	0.007902
1068	490501.43	3859872.59	0.06656	0.06242	0.05144	0.07398	6.03E-03	0.00026	9.6E-07	0.00017	0.00647	7.61E-03	0.000333	8.18E-07	0.0001	8.05E-03	0.007505	0.000287	6.68E-07	0.000106	0.007898
1069	490551.43	3859872.59	0.0667	0.06236	0.05128	0.07359	6.04E-03	0.00026	9.6E-07	0.00017	0.00648	7.63E-03	0.000333	8.15E-07	9.95E-05	8.06E-03	0.00752	0.000286	6.66E-07	0.000106	0.007913
1070	490601.43	3859872.59	0.06683	0.06232	0.05113	0.07325	6.06E-03	0.00026	9.6E-07	0.00017	0.00649	7.64E-03	0.000333	8.13E-07	9.9E-05	8.08E-03	0.007535	0.000286	6.64E-07	0.000105	0.007927
1071	490451.43	3859922.59	0.06448	0.06141	0.05096	0.07305	5.84E-03	0.00026	9.5E-07	0.00017	0.00627	7.38E-03	0.000328	8.1E-07	9.88E-05	7.80E-03	0.00727	0.000282	6.61E-07	0.000105	0.007658
1072	490501.43	3859922.59	0.06434	0.06109	0.05063	0.07251	5.83E-03	0.00026	9.5E-07	0.00017	0.00626	7.36E-03	0.000326	8.05E-07	9.8E-05	7.78E-03	0.007254	0.000281	6.57E-07	0.000104	0.00764
1073	490551.43	3859922.59	0.06437	0.06094	0.05041	0.07205	5.83E-03	0.00026	9.4E-07	0.00017	0.00626	7.36E-03	0.000325	8.01E-07	9.74E-05	7.79E-03	0.007258	0.00028	6.54E-07	0.000103	0.007642
1074	490601.43	3859922.59	0.06448	0.06088	0.05026	0.07167	5.84E-03	0.00026	9.4E-07	0.00017	0.00627	7.38E-03	0.000325	7.99E-07	9.69E-05	7.80E-03	0.00727	0.00028	6.52E-07	0.000103	0.007653
1075	482129.67	3852241.07	0.03781	0.03269	0.03468	0.02687	3.43E-03	0.00014	6.5E-07	6.2E-05	0.00363	4.32E-03	0.000175	5.51E-07	3.63E-05	4.54E-03	0.004263	0.00015	4.5E-07	3.86E-05	0.004452
1076	482029.67	3852291.07	0.03806	0.03322	0.03442	0.02668	3.45E-03	0.00014	6.4E-07	6.2E-05	0.00365	4.35E-03	0.000177	5.47E-07	3.61E-05	4.57E-03	0.004291	0.000153	4.47E-07	3.83E-05	0.004483
1077	482079.67	3852291.07	0.03842	0.03337	0.03488	0.02715	3.48E-03	0.00014	6.5E-07	6.3E-05	0.00369	4.39E-03	0.000178	5.54E-07	3.67E-05	4.61E-03	0.004332	0.000153	4.53E-07	3.9E-05	0.004525
1078	482129.67	3852291.07	0.03864	0.03343	0.03521	0.02737	3.50E-03	0.00014	6.6E-07	6.3E-05	0.00371	4.42E-03	0.000179	5.6E-07	3.7E-05	4.64E-03	0.004357	0.000154	4.57E-07	3.93E-05	0.00455
1079	482179.67	3852291.07	0.03872	0.03348	0.03543	0.02726	3.51E-03	0.00014	6.6E-07	6.3E-05	0.00371	4.43E-03	0.000179	5.63E-07	3.69E-05	4.64E-03	0.004366	0.000154	4.6E-07	3.91E-05	0.004559
1080	482229.67	3852291.07	0.03865	0.03355	0.03558	0.02682	3.50E-03	0.00014	6.7E-07	6.2E-05	0.00371	4.42E-03	0.000179	5.65E-07	3.63E-05	4.64E-03	0.004358	0.000154	4.62E-07	3.85E-05	0.004551
1081	482029.67	3852341.07	0.0384	0.03354	0.03438	0.02647	3.48E-03	0.00014	6.4E-07	6.1E-05	0.00368	4.39E-03	0.000179	5.46E-07	3.58E-05	4.61E-03	0.00433	0.000154	4.46E-07	3.8E-05	0.004522
1082	482079.67	3852341.07	0.03899	0.03393	0.03511	0.02723	3.53E-03	0.00014	6.6E-07	6.3E-05	0.00374	4.46E-03	0.000181	5.58E-07	3.68E-05	4.68E-03	0.004396	0.000156	4.56E-07	3.91E-05	0.004591
1083	482129.67	3852341.07	0.03933	0.03408	0.03558	0.02769	3.56E-03	0.00014	6.7E-07	6.4E-05	0.00377	4.50E-03	0.000182	5.65E-07	3.74E-05	4.72E-03	0.004434	0.000157	4.62E-07	3.98E-05	0.004631
1084	482179.67	3852341.07	0.03959	0.03419	0.03594	0.02786	3.59E-03	0.00014	6.7E-07	6.5E-05	0.0038	4.53E-03	0.000183	5.71E-07	3.77E-05	4.75E-03	0.004464	0.000157	4.67E-07	4E-05	0.004661
1085	482259.06	3852400.14	0.0405	0.03476	0.03665	0.02881	3.67E-03	0.00015	6.9E-07	6.7E-05	0.00388	4.63E-03	0.000186	5.82E-07	3.9E-05	4.86E-03	0.004566	0.00016	4.76E-07	4.14E-05	0.004768
1086	482309.06	3852400.14	0.04078	0.03509	0.03704	0.02841	3.70E-03	0.00015	6.9E-07	6.6E-05	0.00391	4.66E-03	0.000187	5.89E-07	3.84E-05	4.89E-03	0.004598	0.000161	4.81E-07	4.08E-05	0.0048
1087	482209.06	3852450.14	0.04107	0.03543	0.03674	0.02886	3.72E-03	0.00015	6.9E-07	6.7E-05	0.00394	4.70E-03	0.000189	5.84E-07	3.9E-05	4.93E-03	0.004631	0.000163	4.77E-07	4.14E-05	0.004835
1088	482259.06	3852450.14	0.04136	0.03555	0.03716	0.0292	3.75E-03	0.00015	7E-07	6.8E-05	0.00397	4.73E-03	0.00019	5.91E-07	3.95E-05	4.96E-03	0.004663	0.000163	4.82E-07	4.19E-05	0.004869
1089	482309.06	3852450.14	0.04173	0.03582	0.03761	0.02914	3.78E-03	0.00015	7E-07	6.7E-05	0.004	4.77E-03	0.000191	5.98E-07	3.94E-05	5.00E-03	0.004705	0.000164	4.88E-07	4.18E-05	0.004912
1090	482209.06	3852500.14	0.04175	0.03605	0.03694	0.02878	3.78E-03	0.00015	6.9E-07	6.7E-05	0.004	4.78E-03	0.000192	5.87E-07	3.89E-05	5.01E-03	0.004707	0.000166	4.79E-07	4.13E-05	0.004915
1091	482259.06	3852500.14	0.0422	0.03634	0.03759	0.02939	3.82E-03	0.00015	7E-07	6.8E-05	0.00405	4.83E-03	0.000194	5.97E-07	3.97E-05	5.06E-03	0.004758	0.000167	4.88E-07	4.22E-05	0.004968
1092	482309.06	3852500.14	0.04256	0.03656	0.03808	0.02964	3.86E-03	0.00015	7.1E-07	6.9E-05	0.00408	4.87E-03	0.000195	6.05E-07	4.01E-05	5.10E-03	0.004799	0.000168	4.94E-07	4.26E-05	0.00501
1093	482283.91	3852513.62	0.04259	0.03663	0.03793	0.02963	3.86E-03	0.00015	7.1E-07	6.9E-05	0.00408	4.87E-03	0.000196	6.03E-07	4.01E-05	5.11E-03	0.004802	0.000168	4.92E-07	4.26E-05	0.005013
1094	482333.91	3852513.62	0.04289	0.03678	0.03836	0.02985	3.89E-03	0.00016	7.2E-07	6.9E-05	0.00411	4.91E-03	0.000196	6.1E-07	4.04E-05	5.14E-03	0.004836	0.000169	4.98E-07	4.29E-05	0.005048

1095	482283.91	3852563.62	0.0433	0.03726	0.03815	0.02972	3.92E-03	0.00016	7.1E-07	6.9E-05	0.00415	4.95E-03	0.000199	6.06E-07	4.02E-05	5.19E-03	0.004882	0.000171	4.95E-07	4.27E-05	0.005096
1096	482333.91	3852563.62	0.04366	0.03746	0.03872	0.03027	3.96E-03	0.00016	7.2E-07	7E-05	0.00419	4.99E-03	0.0002	6.15E-07	4.09E-05	5.24E-03	0.004923	0.000172	5.03E-07	4.35E-05	0.005139
1097	482383.91	3852563.62	0.04391	0.03751	0.03908	0.03056	3.98E-03	0.00016	7.3E-07	7.1E-05	0.00421	5.02E-03	0.0002	6.21E-07	4.13E-05	5.26E-03	0.004951	0.000172	5.07E-07	4.39E-05	0.005167
1098	482283.91	3852613.62	0.04403	0.03785	0.03822	0.02931	3.99E-03	0.00016	7.2E-07	6.8E-05	0.00422	5.04E-03	0.000202	6.07E-07	3.96E-05	5.28E-03	0.004964	0.000174	4.96E-07	4.21E-05	0.005181
1099	482333.91	3852613.62	0.04452	0.03823	0.03903	0.03033	4.03E-03	0.00016	7.3E-07	7E-05	0.00427	5.09E-03	0.000204	6.2E-07	4.1E-05	5.34E-03	0.00502	0.000176	5.07E-07	4.36E-05	0.005239
1100	482383.91	3852613.62	0.04478	0.0383	0.03951	0.03093	4.06E-03	0.00016	7.4E-07	7.2E-05	0.00429	5.12E-03	0.000205	6.28E-07	4.18E-05	5.37E-03	0.005049	0.000176	5.13E-07	4.44E-05	0.00527
1101	482602.38	3852600.87	0.04614	0.03884	0.04048	0.02972	4.18E-03	0.00016	7.6E-07	6.9E-05	0.00442	5.28E-03	0.000207	6.43E-07	4.02E-05	5.53E-03	0.005202	0.000178	5.25E-07	4.27E-05	0.005424
1102	482652.38	3852600.87	0.04627	0.03889	0.04041	0.02908	4.19E-03	0.00016	7.6E-07	6.7E-05	0.00443	5.29E-03	0.000208	6.42E-07	3.93E-05	5.54E-03	0.005217	0.000179	5.25E-07	4.18E-05	0.005438
1103	482702.38	3852600.87	0.04603	0.03916	0.04044	0.02778	4.17E-03	0.00017	7.6E-07	6.4E-05	0.0044	5.26E-03	0.000209	6.43E-07	3.76E-05	5.51E-03	0.00519	0.00018	5.25E-07	3.99E-05	0.00541
1104	482552.38	3852650.87	0.04709	0.03956	0.04119	0.03137	4.27E-03	0.00017	7.7E-07	7.3E-05	0.00451	5.39E-03	0.000211	6.55E-07	4.24E-05	5.64E-03	0.005309	0.000182	5.35E-07	4.5E-05	0.005537
1105	482602.38	3852650.87	0.04745	0.03972	0.04134	0.031	4.30E-03	0.00017	7.7E-07	7.2E-05	0.00454	5.43E-03	0.000212	6.57E-07	4.19E-05	5.68E-03	0.00535	0.000182	5.37E-07	4.45E-05	0.005577
1106	482652.38	3852650.87	0.04771	0.03976	0.04132	0.03053	4.32E-03	0.00017	7.7E-07	7.1E-05	0.00456	5.46E-03	0.000212	6.57E-07	4.13E-05	5.71E-03	0.005379	0.000183	5.36E-07	4.38E-05	0.005606
1107	482702.38	3852650.87	0.04785	0.03979	0.04124	0.02992	4.34E-03	0.00017	7.7E-07	6.9E-05	0.00457	5.47E-03	0.000212	6.55E-07	4.05E-05	5.73E-03	0.005395	0.000183	5.35E-07	4.3E-05	0.005621
1108	482552.38	3852700.87	0.0482	0.0405	0.04191	0.03211	4.37E-03	0.00017	7.8E-07	7.4E-05	0.00461	5.51E-03	0.000216	6.66E-07	4.34E-05	5.77E-03	0.005435	0.000186	5.44E-07	4.61E-05	0.005667
1109	482602.38	3852700.87	0.04866	0.04051	0.04206	0.03209	4.41E-03	0.00017	7.9E-07	7.4E-05	0.00466	5.57E-03	0.000216	6.68E-07	4.34E-05	5.83E-03	0.005486	0.000186	5.46E-07	4.61E-05	0.005719
1110	482652.38	3852700.87	0.04888	0.04031	0.04195	0.03212	4.43E-03	0.00017	7.9E-07	7.4E-05	0.00468	5.59E-03	0.000215	6.67E-07	4.34E-05	5.85E-03	0.005511	0.000185	5.45E-07	4.61E-05	0.005743
1111	482702.38	3852700.87	0.04931	0.04052	0.04205	0.03159	4.47E-03	0.00017	7.9E-07	7.3E-05	0.00471	5.64E-03	0.000216	6.68E-07	4.27E-05	5.90E-03	0.00556	0.000186	5.46E-07	4.54E-05	0.005792
1112	482452.38	3852750.87	0.04822	0.04114	0.04143	0.03177	4.37E-03	0.00017	7.8E-07	7.4E-05	0.00462	5.52E-03	0.00022	6.58E-07	4.3E-05	5.78E-03	0.005437	0.000189	5.38E-07	4.56E-05	0.005672
1113	482521.29	3852749.74	0.04888	0.04133	0.04222	0.03254	4.43E-03	0.00017	7.9E-07	7.5E-05	0.00468	5.59E-03	0.000221	6.71E-07	4.4E-05	5.86E-03	0.005511	0.00019	5.48E-07	4.67E-05	0.005748
1114	482571.29	3852749.74	0.04941	0.04136	0.04258	0.03281	4.48E-03	0.00017	8E-07	7.6E-05	0.00473	5.65E-03	0.000221	6.77E-07	4.44E-05	5.92E-03	0.005571	0.00019	5.53E-07	4.71E-05	0.005809
1115	482521.29	3852799.74	0.04993	0.04227	0.04263	0.03276	4.52E-03	0.00018	8E-07	7.6E-05	0.00478	5.71E-03	0.000226	6.78E-07	4.43E-05	5.98E-03	0.00563	0.000194	5.53E-07	4.7E-05	0.005871
1116	482571.29	3852799.74	0.05051	0.04232	0.04313	0.03329	4.58E-03	0.00018	8.1E-07	7.7E-05	0.00483	5.78E-03	0.000226	6.85E-07	4.5E-05	6.05E-03	0.005695	0.000194	5.6E-07	4.78E-05	0.005938
1117	482621.29	3852799.74	0.05117	0.04238	0.0435	0.03356	4.64E-03	0.00018	8.1E-07	7.8E-05	0.00489	5.85E-03	0.000226	6.91E-07	4.54E-05	6.13E-03	0.005769	0.000195	5.65E-07	4.82E-05	0.006013
1118	482571.29	3852849.74	0.05179	0.04349	0.04368	0.03343	4.69E-03	0.00018	8.2E-07	7.7E-05	0.00496	5.92E-03	0.000232	6.94E-07	4.52E-05	6.20E-03	0.005839	0.0002	5.67E-07	4.8E-05	0.006088
1119	482621.29	3852849.74	0.05259	0.04362	0.04425	0.03391	4.77E-03	0.00018	8.3E-07	7.9E-05	0.00503	6.02E-03	0.000233	7.03E-07	4.59E-05	6.29E-03	0.00593	0.0002	5.74E-07	4.87E-05	0.006179
1120	482577.42	3852901.55	0.05334	0.0448	0.04425	0.03339	4.83E-03	0.00019	8.3E-07	7.7E-05	0.0051	6.10E-03	0.000239	7.03E-07	4.51E-05	6.39E-03	0.006014	0.000206	5.74E-07	4.79E-05	0.006268
1121	482627.42	3852901.55	0.05426	0.04502	0.045	0.03409	4.92E-03	0.00019	8.4E-07	7.9E-05	0.00519	6.21E-03	0.00024	7.15E-07	4.61E-05	6.49E-03	0.006118	0.000207	5.84E-07	4.9E-05	0.006374
1122	482629.96	3852955.85	0.0559	0.04639	0.04552	0.03407	5.07E-03	0.0002	8.5E-07	7.9E-05	0.00534	6.39E-03	0.000248	7.23E-07	4.61E-05	6.69E-03	0.006303	0.000213	5.91E-07	4.89E-05	0.006565
1123	482679.96	3852955.85	0.05696	0.04656	0.04627	0.03479	5.16E-03	0.0002	8.7E-07	8.1E-05	0.00544	6.51E-03	0.000249	7.35E-07	4.7E-05	6.81E-03	0.006422	0.000214	6.01E-07	5E-05	0.006687
1124	482781.63	3853034.48	0.06196	0.04923	0.04867	0.03601	5.61E-03	0.00021	9.1E-07	8.3E-05	0.00591	7.09E-03	0.000263	7.74E-07	4.87E-05	7.40E-03	0.006986	0.000226	6.32E-07	5.17E-05	0.007264
1125	482831.63	3853034.48	0.06246	0.04947	0.04926	0.03629	5.66E-03	0.00021	9.2E-07	8.4E-05	0.00595	7.14E-03	0.000264	7.83E-07	4.91E-05	7.46E-03	0.007042	0.000227	6.39E-07	5.21E-05	0.007322
1126	482881.63	3853034.48	0.06261	0.04969	0.04967	0.03633	5.67E-03	0.00021	9.3E-07	8.4E-05	0.00597	7.16E-03	0.000265	7.89E-07	4.91E-05	7.48E-03	0.007059	0.000228	6.45E-07	5.22E-05	0.00734
1127	482781.63	3853084.48	0.06423	0.05068	0.04925	0.03614	5.82E-03	0.00021	9.2E-07	8.4E-05	0.00612	7.35E-03	0.000271	7.83E-07	4.89E-05	7.67E-03	0.007242	0.000233	6.39E-07	5.19E-05	0.007527
1128	482831.63	3853084.48	0.06487	0.05097	0.05005	0.03669	5.88E-03	0.00022	9.4E-07	8.5E-05	0.00618	7.42E-03	0.000272	7.95E-07	4.96E-05	7.74E-03	0.007314	0.000234	6.5E-07	5.27E-05	0.007601
1129	482881.63	3853084.48	0.06509	0.05117	0.05062	0.03702	5.90E-03	0.00022	9.5E-07	8.6E-05	0.0062	7.44E-03	0.000273	8.05E-07	5.01E-05	7.77E-03	0.007339	0.000235	6.57E-07	5.32E-05	0.007628
1130	482781.63	3853134.48	0.06667	0.05209	0.04963	0.03605	6.04E-03	0.00022	9.3E-07	8.3E-05	0.00635	7.63E-03	0.000278	7.89E-07	4.87E-05	7.95E-03	0.007517	0.000239	6.44E-07	5.18E-05	0.007809
1131	482831.63	3853134.48	0.06745	0.05241	0.05061	0.03689	6.11E-03	0.00022	9.5E-07	8.5E-05	0.00642	7.71E-03	0.00028	8.04E-07	4.99E-05	8.05E-03	0.007605	0.000241	6.57E-07	5.3E-05	0.007899
1132	482881.63	3853134.48	0.06768	0.05257	0.05134	0.03758	6.13E-03	0.00022	9.6E-07	8.7E-05	0.00644	7.74E-03	0.000281	8.16E-07	5.08E-05	8.07E-03	0.007631	0.000241	6.66E-07	5.4E-05	0.007927
1133	482831.63	3853184.48	0.07036	0.0539	0.05102	0.03681	6.38E-03	0.00023	9.6E-07	8.5E-05	0.00669	8.05E-03	0.000288	8.11E-07	4.98E-05	8.39E-03	0.007933	0.000248	6.62E-07	5.29E-05	0.008234
1134	482881.63	3853184.48	0.07061	0.05409	0.05193	0.0378	6.40E-03	0.00023	9.7E-07	8.8E-05	0.00672	8.08E-03	0.000289	8.25E-07	5.11E-05	8.42E-03	0.007961	0.000248	6.74E-07	5.43E-05	0.008265
1135	484154.84	3854250.98	0.25324	0.16172	0.12181	0.03843	2.29E-02	0.00068	2.3E-06	8.9E-05	0.02372	2.90E-02	0.000864	1.94E-06	5.2E-05	2.99E-02	0.028553	0.000743	1.58E-06	5.52E-05	0.029352
1136	484204.84	3854250.98	0.24678	0.15752	0.12025	0.0377	2.24E-02	0.00067	2.3E-06	8.7E-05	0.02312	2.82E-02	0.000841	1.91E-06	5.1E-05	2.91E-02	0.027824	0.000723	1.56E-06	5.41E-05	0.028603
1137	484154.84	3854300.98	0.26243	0.16807	0.12581	0.03815	2.38E-02	0.00071	2.4E-06	8.8E-05	0.02458	3.00E-02	0.000897	2E-06	5.16E-05	3.10E-02	0.029589	0.000772	1.63E-06	5.48E-05	0.030417
1138	484204.84	3854300.98	0.25936	0.16579	0.12527	0.03803	2.35E-02	0.0007	2.3E-06	8.8E-05	0.0243	2.97E-02	0.000885	1.99E-06	5.14E-05	3.06E-02	0.029243	0.000761	1.63E-06	5.46E-05	0.03006
1139	484074.19	3854519.8	0.41536	0.28123	0.15527	0.03861	3.76E-02	0.00119	2.9E-06	8.9E-05	0.03892	4.75E-02	0.001502	2.47E-06	5.22E-05	4.91E-02	0.046832	0.001292	2.02E-06	5.54E-05	0.048181
1140	484124.19	3854519.8	0.3973	0.26452	0.15489	0.03909	3.60E-02	0.00112	2.9E-06	9.1E-05	0.03722	4.54E-02	0.001412	2.46E-06	5.29E-05	4.69E-02	0.044795	0.001215	2.01E-06	5.61E-05	0.046068
1141	484074.19	3854569.8	0.49666	0.3307	0.16611	0.03958	4.50E-02	0.0014	3.1E-06	9.2E-05	0.0465	5.68E-02	0.001766	2.64E-06	5.35E-05	5.86E-02	0.055998	0.001519	2.16E-06	5.68E-05	0.057576
1142	484124.19	3854569.8	0.46616	0.3076	0.16353	0.03959	4.22E-02	0.0013	3.1E-06	9.2E-05	0.04364	5.33E-02	0.001642	2.6E-06	5.35E-05	5.50E-02	0.052559	0.001413	2.12E-06	5.69E-05	0.054031
1143	485205.11	3855188.89	1.90187	2.16917	2.21369	0.47855	1.72E-01	0.00918	4.1E-05	0.00111	0.18268	2.18E-01	0.011582	3.52E-05	0.000647	2.30E-01	0.214435	0.009962	2.87E-05	0.000687	0.225113
1144	485255.11	3855188.89	1.70359	1.99441	1.97693	0.44428	1.54E-01	0.00844	3.7E-05	0.00103	0.16389	1.95E-01	0.010649	3.14E-05	0.000601	2.06E-01	0.192079	0.009159	2.57E-05	0.000638	0.201902
1145	485205.11	3855238.89	2.102	1.88539	2.50297	0.67607	1.90E-01	0.00798	4.7E-05	0.00157	0.20008	2.40E-01	0.010067	3.98E-05	0.000914	2.51E-01	0.237	0.008658	3.25E-05	0.000971	0.246662
1146	485255.11	3855238.89	1.89807	1.77905	2.26208	0.61622	1.72E-01	0.00753	4.2E-05	0.00143	0.181	2.17E-01	0.009499	3.6E-05	0.000833	2.27E-01	0.214007	0.00817	2.94E-05	0.000885	0.223091
1147	485205.11	3855288.89	2.57132	1.66675	3.07747	0.93251	2.33E-01	0.00705	5.8E-05	0.00216	0.24229	2.94E-01	0.0089	4.89E-05	0.001261	3.04E-01	0.289915	0.007654	3.99E-05	0.001339	0.298949
1148	485255.11	3855288.89	2.23177	1.58083	2.6922	0.83587	2.02E-01	0.00669	5E-05	0.00194	0.21092	2.55E-01	0.008441	4.28E-05	0.00113	2.65E-01	0.251631	0.00726	3.49E-05	0.0012	0.260126
1149	485255.11	3855338.89	2.67121	1.37162	3.23896	1.10177	2.42E-01	0.0058	6.1E-05	0.00255	0.25049	3.06E-01	0.007324	5.15E-05	0.00149	3.14E-01	0.301178	0.006299	4.2E-05	0.001582	0.309101
1150	485305.11	3855338.89	2.3171	1.32086	2.83184	0.96713	2.10E-01	0.00559	5.3E-05	0.00224	0.21786	2.65E-01	0.007053	4.5E-05	0.001308	2.73E-01	0.261252	0.006066	3.68E-05	0.001389	0.268744
1151	485852.5	3855635.28	1.63777	0.53666	2.13725	0.93286	1.48E-01	0.00227	4E-05	0.00216	0.15289	1.87E-01	0.002866	3.4E-05	0.001261	1.91E-01	0.184658	0.002465	2.77E-05	0.00134	0.18849
1152	485902.5	3855635.28	1.5106	0.52549	1.97145	0.86448	1.37E-01	0.00222	3.7E-05	0.002	0.14116	1.73E-01	0.002806	3.13E-05	0.001169	1.77E-01	0.17032	0.002413	2.56E-05	0.001241	0.174
1153	485852.5	3855685.28	1.78948	0.50115	2.34231	1.03278	1.62E-01	0.00212	4.4E-05	0.00239	0.16672	2.05E-01	0.002676	3.72E-05	0.001396	2.09E-01	0.201763	0.002301	3.04E-05	0.001483	0.205578
1154	485902.5	3855685.28	1.6368	0.48716	2.14745	0.95229	1.48E-01	0.00206	4E-05	0.00221	0.15264	1.87E-01	0.002601	3.41E-05	0.001288	1.91E-01	0.184549	0.002237	2.79E-05	0.001368	0.188181
1155	485852.5	3855735.28	1.97206	0.45921	2.5834	1.14607	1.79E-01	0.00194	4.8E-05	0.00265	0.18336	2.26E-01	0.002452	4.11E-05	0.00155	2.30E-01	0.222349	0.002109	3.35E-05	0.001646	0.226137

1156	485902.5	3855735.28	1.80034	0.45741	2.36802	1.05798	1.63E-01	0.00194	4.4E-05	0.00245	0.16758	2.06E-01	0.002442	3.76E-05	0.001431	2.10E-01	0.202988	0.002101	3.07E-05	0.001519	0.206638
1157	485852.5	3855785.28	2.23873	0.4192	2.90338	1.28889	2.03E-01	0.00177	5.4E-05	0.00299	0.20769	2.56E-01	0.002238	4.61E-05	0.001743	2.60E-01	0.252416	0.001925	3.77E-05	0.001851	0.25623
1158	485902.5	3855785.28	1.97958	0.42109	2.60214	1.16709	1.79E-01	0.00178	4.9E-05	0.0027	0.18393	2.26E-01	0.002248	4.14E-05	0.001578	2.30E-01	0.223197	0.001934	3.38E-05	0.001676	0.226841
1159	486809.46	3856465.28	1.76818	0.26916	2.39049	1.08024	1.60E-01	0.00114	4.5E-05	0.0025	0.16392	2.02E-01	0.001437	3.8E-05	0.001461	2.05E-01	0.199362	0.001236	3.1E-05	0.001551	0.20218
1160	486859.46	3856465.28	1.65707	0.26986	2.24301	1.03658	1.50E-01	0.00114	4.2E-05	0.0024	0.15375	1.90E-01	0.001441	3.56E-05	0.001402	1.92E-01	0.186834	0.001239	2.91E-05	0.001489	0.189591
1161	486909.46	3856465.28	1.5597	0.27118	2.11228	0.99503	1.41E-01	0.00115	4E-05	0.0023	0.14483	1.78E-01	0.001448	3.36E-05	0.001345	1.81E-01	0.175856	0.001245	2.74E-05	0.001429	0.178557
1162	486809.46	3856515.28	1.93102	0.27864	2.60292	1.15987	1.75E-01	0.00118	4.9E-05	0.00269	0.17891	2.21E-01	0.001488	4.14E-05	0.001568	2.24E-01	0.217722	0.00128	3.38E-05	0.001666	0.220701
1163	486859.46	3856515.28	1.7944	0.27918	2.42542	1.11152	1.63E-01	0.00118	4.5E-05	0.00257	0.16641	2.05E-01	0.001491	3.85E-05	0.001503	2.08E-01	0.202318	0.001282	3.15E-05	0.001596	0.205228
1164	486909.46	3856515.28	1.67884	0.28011	2.27192	1.066	1.52E-01	0.00119	4.3E-05	0.00247	0.15584	1.92E-01	0.001496	3.61E-05	0.001441	1.95E-01	0.189289	0.001286	2.95E-05	0.001531	0.192135
1165	486980.94	3856357.95	1.26468	0.26434	1.71053	0.83993	1.15E-01	0.00112	3.2E-05	0.00195	0.1177	1.45E-01	0.001411	2.72E-05	0.001136	1.47E-01	0.142592	0.001214	2.22E-05	0.001206	0.145035
1166	487030.94	3856357.95	1.21143	0.26314	1.63726	0.81652	1.10E-01	0.00111	3.1E-05	0.00189	0.11282	1.39E-01	0.001405	2.6E-05	0.001104	1.41E-01	0.136588	0.001208	2.13E-05	0.001173	0.138991
1167	486980.94	3856407.95	1.34323	0.26758	1.81867	0.88982	1.22E-01	0.00113	3.4E-05	0.00206	0.12495	1.54E-01	0.001429	2.89E-05	0.001203	1.56E-01	0.151449	0.001229	2.36E-05	0.001278	0.153979
1168	487030.94	3856407.95	1.28175	0.26676	1.73456	0.86269	1.16E-01	0.00113	3.2E-05	0.002	0.11931	1.47E-01	0.001424	2.76E-05	0.001166	1.49E-01	0.144517	0.001225	2.25E-05	0.001239	0.147003
1169	487447.18	3856437.45	0.95716	0.25064	1.28432	0.73222	8.67E-02	0.00106	2.4E-05	0.0017	0.08952	1.09E-01	0.001338	2.04E-05	0.00099	1.12E-01	0.107919	0.001151	1.67E-05	0.001052	0.110139
1170	487497.18	3856437.45	0.92605	0.25237	1.24119	0.71907	8.39E-02	0.00107	2.3E-05	0.00167	0.08668	1.06E-01	0.001348	1.97E-05	0.000972	1.08E-01	0.104412	0.001159	1.61E-05	0.001033	0.10662
1171	487547.18	3856437.45	0.89704	0.25538	1.20054	0.70755	8.13E-02	0.00108	2.2E-05	0.00164	0.08403	1.03E-01	0.001364	1.91E-05	0.000957	1.05E-01	0.101141	0.001173	1.56E-05	0.001016	0.103345
1172	487447.18	3856487.45	0.99524	0.26096	1.33725	0.76816	9.02E-02	0.0011	2.5E-05	0.00178	0.0931	1.14E-01	0.001393	2.13E-05	0.001039	1.16E-01	0.112213	0.001198	1.74E-05	0.001103	0.114532
1173	487497.18	3856487.45	0.96112	0.26396	1.29016	0.75307	8.71E-02	0.00112	2.4E-05	0.00174	0.08998	1.10E-01	0.001409	2.05E-05	0.001018	1.12E-01	0.108366	0.001212	1.67E-05	0.001081	0.110676
1174	487547.18	3856487.45	0.92911	0.27166	1.24592	0.74082	8.42E-02	0.00115	2.3E-05	0.00172	0.08709	1.06E-01	0.001451	1.98E-05	0.001002	1.09E-01	0.104757	0.001248	1.62E-05	0.001064	0.107084
1175	487447.18	3856537.45	1.03442	0.27923	1.39286	0.80611	9.37E-02	0.00118	2.6E-05	0.00187	0.09682	1.18E-01	0.001491	2.21E-05	0.00109	1.21E-01	0.116631	0.001282	1.81E-05	0.001158	0.119089
1176	487497.18	3856537.45	0.99722	0.28337	1.34139	0.78885	9.04E-02	0.0012	2.5E-05	0.00183	0.09342	1.14E-01	0.001513	2.13E-05	0.001067	1.17E-01	0.112436	0.001301	1.74E-05	0.001133	0.114888
1177	487547.18	3856537.45	0.96254	0.28816	1.29323	0.77669	8.72E-02	0.00122	2.4E-05	0.0018	0.09027	1.10E-01	0.001539	2.06E-05	0.00105	1.13E-01	0.108526	0.001323	1.68E-05	0.001115	0.110982
1178	489285.89	3858826.54	0.354	0.1299	0.09191	0.17452	3.21E-02	0.00055	1.7E-06	0.0004	0.03304	4.05E-02	0.000694	1.46E-06	0.000236	4.14E-02	0.039913	0.000597	1.19E-06	0.000251	0.040762
1179	489335.89	3858826.54	0.33112	0.13235	0.09276	0.17785	3.00E-02	0.00056	1.7E-06	0.00041	0.03098	3.79E-02	0.000707	1.47E-06	0.00024	3.88E-02	0.037334	0.000608	1.2E-06	0.000255	0.038198
1180	489385.89	3858826.54	0.31166	0.13445	0.09338	0.18036	2.82E-02	0.00057	1.7E-06	0.00042	0.02923	3.56E-02	0.000718	1.48E-06	0.000244	3.66E-02	0.03514	0.000617	1.21E-06	0.000259	0.036017
1181	489435.89	3858826.54	0.29522	0.13622	0.09382	0.18238	2.68E-02	0.00058	1.8E-06	0.00042	0.02775	3.38E-02	0.000727	1.49E-06	0.000247	3.47E-02	0.033286	0.000626	1.22E-06	0.000262	0.034175
1182	489485.89	3858826.54	0.28122	0.13777	0.09416	0.18297	2.55E-02	0.00058	1.8E-06	0.00042	0.02649	3.22E-02	0.000736	1.5E-06	0.000247	3.31E-02	0.031707	0.000633	1.22E-06	0.000263	0.032604
1183	489535.89	3858826.54	0.26917	0.1394	0.09463	0.18443	2.44E-02	0.00059	1.8E-06	0.00043	0.02541	3.08E-02	0.000744	1.5E-06	0.000249	3.18E-02	0.030349	0.00064	1.23E-06	0.000265	0.031255
1184	489585.89	3858826.54	0.2587	0.14096	0.09514	0.18567	2.34E-02	0.0006	1.8E-06	0.00043	0.02447	2.96E-02	0.000753	1.51E-06	0.000251	3.06E-02	0.029168	0.000647	1.23E-06	0.000267	0.030084
1185	489635.89	3858826.54	0.24946	0.14251	0.09573	0.18661	2.26E-02	0.0006	1.8E-06	0.00043	0.02364	2.85E-02	0.000761	1.52E-06	0.000252	2.95E-02	0.028127	0.000654	1.24E-06	0.000268	0.02905
1186	489685.89	3858826.54	0.24112	0.14399	0.09637	0.18729	2.19E-02	0.00061	1.8E-06	0.00043	0.0229	2.76E-02	0.000769	1.53E-06	0.000253	2.86E-02	0.027186	0.000661	1.25E-06	0.000269	0.028118
1187	489735.89	3858826.54	0.23357	0.14535	0.09703	0.18771	2.12E-02	0.00061	1.8E-06	0.00043	0.02222	2.67E-02	0.000776	1.54E-06	0.000254	2.77E-02	0.026335	0.000668	1.26E-06	0.00027	0.027273
1188	489785.89	3858826.54	0.22679	0.14645	0.09764	0.18799	2.06E-02	0.00062	1.8E-06	0.00044	0.02161	2.59E-02	0.000782	1.55E-06	0.000254	2.70E-02	0.02557	0.000673	1.27E-06	0.00027	0.026514
1189	489835.89	3858826.54	0.22057	0.14755	0.09833	0.18797	2.00E-02	0.00062	1.8E-06	0.00044	0.02105	2.52E-02	0.000788	1.56E-06	0.000254	2.63E-02	0.024869	0.000678	1.28E-06	0.00027	0.025818
1190	489885.89	3858826.54	0.21496	0.14834	0.09896	0.18793	1.95E-02	0.00063	1.9E-06	0.00044	0.02054	2.46E-02	0.000792	1.57E-06	0.000254	2.56E-02	0.024237	0.000681	1.28E-06	0.00027	0.025189
1191	489935.89	3858826.54	0.20977	0.14899	0.09958	0.18768	1.90E-02	0.00063	1.9E-06	0.00043	0.02008	2.40E-02	0.000796	1.58E-06	0.000254	2.50E-02	0.023651	0.000684	1.29E-06	0.00027	0.024607
1192	489985.89	3858826.54	0.20498	0.14952	0.10018	0.18726	1.86E-02	0.00063	1.9E-06	0.00043	0.01964	2.34E-02	0.000798	1.59E-06	0.000253	2.45E-02	0.023111	0.000687	1.3E-06	0.000269	0.024068
1193	490035.89	3858826.54	0.20049	0.15007	0.10083	0.18655	1.82E-02	0.00063	1.9E-06	0.00043	0.01924	2.29E-02	0.000801	1.6E-06	0.000252	2.40E-02	0.022605	0.000689	1.31E-06	0.000268	0.023564
1194	489285.89	3858876.54	0.32156	0.122	0.08817	0.16112	2.91E-02	0.00052	1.7E-06	0.00037	0.03003	3.68E-02	0.000651	1.4E-06	0.000218	3.77E-02	0.036256	0.00056	1.14E-06	0.000231	0.037049
1195	489335.89	3858876.54	0.30314	0.12465	0.08929	0.1647	2.75E-02	0.00053	1.7E-06	0.00038	0.02838	3.47E-02	0.000666	1.42E-06	0.000223	3.56E-02	0.034179	0.000572	1.16E-06	0.000237	0.034989
1196	489385.89	3858876.54	0.28724	0.12652	0.08985	0.16725	2.60E-02	0.00054	1.7E-06	0.00039	0.02695	3.29E-02	0.000676	1.43E-06	0.000226	3.38E-02	0.032386	0.000581	1.17E-06	0.00024	0.033209
1197	489435.89	3858876.54	0.2735	0.12813	0.09025	0.16934	2.48E-02	0.00054	1.7E-06	0.00039	0.02572	3.13E-02	0.000684	1.43E-06	0.000229	3.22E-02	0.030837	0.000588	1.17E-06	0.000243	0.03167
1198	489485.89	3858876.54	0.26152	0.12962	0.09057	0.17113	2.37E-02	0.00055	1.7E-06	0.0004	0.02465	2.99E-02	0.000692	1.44E-06	0.000231	3.08E-02	0.029486	0.000595	1.18E-06	0.000246	0.030328
1199	489535.89	3858876.54	0.25106	0.13105	0.09087	0.17267	2.28E-02	0.00055	1.7E-06	0.0004	0.02371	2.87E-02	0.0007	1.44E-06	0.000233	2.97E-02	0.028307	0.000602	1.18E-06	0.000248	0.029158
1200	489585.89	3858876.54	0.24189	0.13251	0.09122	0.17298	2.19E-02	0.00056	1.7E-06	0.0004	0.02288	2.77E-02	0.000708	1.45E-06	0.000234	2.86E-02	0.027273	0.000609	1.18E-06	0.000248	0.028131
1201	489635.89	3858876.54	0.23394	0.1339	0.09163	0.17425	2.12E-02	0.00057	1.7E-06	0.0004	0.02217	2.68E-02	0.000715	1.46E-06	0.000236	2.77E-02	0.026377	0.000615	1.19E-06	0.00025	0.027243
1202	489685.89	3858876.54	0.22677	0.13534	0.09214	0.17527	2.06E-02	0.00057	1.7E-06	0.00041	0.02153	2.59E-02	0.000723	1.46E-06	0.000237	2.69E-02	0.025568	0.000622	1.2E-06	0.000252	0.026443
1203	489735.89	3858876.54	0.22024	0.13676	0.0927	0.17603	2.00E-02	0.00058	1.7E-06	0.00041	0.02095	2.52E-02	0.00073	1.47E-06	0.000238	2.62E-02	0.024832	0.000628	1.2E-06	0.000253	0.025714
1204	489785.89	3858876.54	0.21433	0.13798	0.09325	0.1767	1.94E-02	0.00058	1.7E-06	0.00041	0.02042	2.45E-02	0.000737	1.48E-06	0.000239	2.55E-02	0.024166	0.000634	1.21E-06	0.000254	0.025054
1205	489835.89	3858876.54	0.20887	0.13916	0.09384	0.17705	1.89E-02	0.00059	1.8E-06	0.00041	0.01993	2.39E-02	0.000743	1.49E-06	0.000239	2.49E-02	0.02355	0.000639	1.22E-06	0.000254	0.024445
1206	489885.89	3858876.54	0.20394	0.14002	0.09436	0.1774	1.85E-02	0.00059	1.8E-06	0.00041	0.01949	2.33E-02	0.000748	1.5E-06	0.00024	2.43E-02	0.022994	0.000643	1.22E-06	0.000255	0.023893
1207	489935.89	3858876.54	0.19932	0.14101	0.09501	0.17739	1.81E-02	0.0006	1.8E-06	0.00041	0.01907	2.28E-02	0.000753	1.51E-06	0.00024	2.38E-02	0.022473	0.000648	1.23E-06	0.000255	0.023377
1208	489985.89	3858876.54	0.19503	0.14189	0.09568	0.17717	1.77E-02	0.0006	1.8E-06	0.00041	0.01869	2.23E-02	0.000758	1.52E-06	0.00024	2.33E-02	0.02199	0.000652	1.24E-06	0.000254	0.022897
1209	490035.89	3858876.54	0.19105	0.14259	0.09632	0.17683	1.73E-02	0.0006	1.8E-06	0.00041	0.01833	2.19E-02	0.000761	1.53E-06	0.000239	2.29E-02	0.021541	0.000655	1.25E-06	0.000254	0.022451
1210	489285.89	3858926.54	0.28075	0.11359	0.08371	0.14791	2.54E-02	0.00048	1.6E-06	0.00034	0.02627	3.21E-02	0.000607	1.33E-06	0.0002	3.29E-02	0.031654	0.000522	1.09E-06	0.000212	0.03239
1211	489335.89	3858926.54	0.26971	0.11733	0.08574	0.15281	2.44E-02	0.0005	1.6E-06	0.00035	0.02529	3.08E-02	0.000626	1.36E-06	0.000207	3.17E-02	0.03041	0.000539	1.11E-06	0.000219	0.031169
1212	489385.89	3858926.54	0.25874	0.11949	0.08662	0.1556	2.34E-02	0.00051	1.6E-06	0.00036	0.02432	2.96E-02	0.000638	1.38E-06	0.00021	3.04E-02	0.029173	0.000549	1.12E-06	0.000223	0.029946
1213	489435.89	3858926.54	0.24868	0.12098	0.08701	0.15764	2.25E-02	0.00051	1.6E-06	0.00037	0.02341	2.84E-02	0.000646	1.38E-06	0.000213	2.93E-02	0.028039	0.000556	1.13E-06	0.000226	0.028822
1214	489485.89	3858926.54	0.23962	0.12233	0.0873	0.15941	2.17E-02	0.00052	1.6E-06	0.00037	0.0226	2.74E-02	0.000653	1.39E-06	0.000216	2.83E-02	0.027017	0.000562	1.13E-06	0.000229	0.027809
1215	489535.89	3858926.54	0.23142	0.12361	0.08754	0.16099	2.10E-02	0.00052	1.6E-06	0.00037	0.02187	2.65E-02	0.00066	1.39E-06	0.000218	2.73E-02	0.026093	0.000568	1.14E-06	0.000231	0.026893
1216	489585.89	3858926.54	0.22401	0.12486	0.08777	0.16239	2.03E-02	0.00053	1.6E-06	0.00038	0.02121	2.56E-02	0.000667	1.39E-06	0.00022	2.65E-02	0.025257	0.000573	1.14E-06	0.000233	0.026065

1217	489635.89	3858926.54	0.21737	0.12607	0.088	0.16275	1.97E-02	0.00053	1.6E-06	0.00038	0.02061	2.49E-02	0.000673	1.4E-06	0.00022	2.58E-02	0.024508	0.000579	1.14E-06	0.000234	0.025322
1218	489685.89	3858926.54	0.21153	0.12743	0.08838	0.16388	1.92E-02	0.00054	1.7E-06	0.00038	0.02009	2.42E-02	0.00068	1.4E-06	0.000222	2.51E-02	0.02385	0.000585	1.15E-06	0.000235	0.024672
1219	489735.89	3858926.54	0.20618	0.12868	0.08876	0.16502	1.87E-02	0.00054	1.7E-06	0.00038	0.01961	2.36E-02	0.000687	1.41E-06	0.000223	2.45E-02	0.023247	0.000591	1.15E-06	0.000237	0.024076
1220	489785.89	3858926.54	0.20125	0.12986	0.08918	0.166	1.82E-02	0.00055	1.7E-06	0.00038	0.01917	2.30E-02	0.000693	1.42E-06	0.000224	2.39E-02	0.022691	0.000596	1.16E-06	0.000238	0.023527
1221	489835.89	3858926.54	0.19671	0.13114	0.08972	0.16667	1.78E-02	0.00055	1.7E-06	0.00039	0.01877	2.25E-02	0.0007	1.43E-06	0.000225	2.34E-02	0.022179	0.000602	1.16E-06	0.000239	0.023022
1222	489885.89	3858926.54	0.19248	0.13219	0.09019	0.16725	1.74E-02	0.00056	1.7E-06	0.00039	0.01839	2.20E-02	0.000706	1.43E-06	0.000226	2.29E-02	0.021702	0.000607	1.17E-06	0.00024	0.02255
1223	489935.89	3858926.54	0.18854	0.13322	0.09074	0.16757	1.71E-02	0.00056	1.7E-06	0.00039	0.01804	2.16E-02	0.000711	1.44E-06	0.000227	2.25E-02	0.021258	0.000612	1.18E-06	0.000241	0.022111
1224	489985.89	3858926.54	0.18484	0.1343	0.09138	0.16765	1.68E-02	0.00057	1.7E-06	0.00039	0.01771	2.11E-02	0.000717	1.45E-06	0.000227	2.21E-02	0.020841	0.000617	1.19E-06	0.000241	0.021699
1225	490035.89	3858926.54	0.18133	0.13543	0.09211	0.16739	1.64E-02	0.00057	1.7E-06	0.00039	0.01739	2.07E-02	0.000723	1.46E-06	0.000226	2.17E-02	0.020445	0.000622	1.2E-06	0.00024	0.021308
1226	489335.89	3858976.54	0.23483	0.10973	0.08157	0.1412	2.13E-02	0.00046	1.5E-06	0.00033	0.02207	2.69E-02	0.000586	1.3E-06	0.000191	2.76E-02	0.026477	0.000504	1.06E-06	0.000203	0.027185
1227	489385.89	3858976.54	0.22915	0.11281	0.0833	0.14501	2.08E-02	0.00048	1.6E-06	0.00034	0.02158	2.62E-02	0.000602	1.32E-06	0.000196	2.70E-02	0.025837	0.000518	1.08E-06	0.000208	0.026564
1228	489435.89	3858976.54	0.22311	0.11449	0.08395	0.14733	2.02E-02	0.00048	1.6E-06	0.00034	0.02105	2.55E-02	0.000611	1.33E-06	0.000199	2.63E-02	0.025156	0.000526	1.09E-06	0.000212	0.025894
1229	489485.89	3858976.54	0.21705	0.11577	0.08427	0.14898	1.97E-02	0.00049	1.6E-06	0.00035	0.02051	2.48E-02	0.000618	1.34E-06	0.000201	2.56E-02	0.024472	0.000532	1.09E-06	0.000214	0.025219
1230	489535.89	3858976.54	0.21129	0.11698	0.08453	0.15046	1.91E-02	0.00049	1.6E-06	0.00035	0.01999	2.42E-02	0.000625	1.34E-06	0.000203	2.50E-02	0.023823	0.000537	1.1E-06	0.000216	0.024577
1231	489585.89	3858976.54	0.2059	0.11801	0.08467	0.15186	1.87E-02	0.0005	1.6E-06	0.00035	0.01951	2.36E-02	0.00063	1.35E-06	0.000205	2.44E-02	0.023215	0.000542	1.1E-06	0.000218	0.023976
1232	489635.89	3858976.54	0.20079	0.1191	0.08483	0.15312	1.82E-02	0.0005	1.6E-06	0.00035	0.01906	2.30E-02	0.000636	1.35E-06	0.000207	2.38E-02	0.022639	0.000547	1.1E-06	0.00022	0.023407
1233	489685.89	3858976.54	0.196	0.1202	0.08501	0.15341	1.78E-02	0.00051	1.6E-06	0.00036	0.01863	2.24E-02	0.000642	1.35E-06	0.000207	2.33E-02	0.022099	0.000552	1.1E-06	0.00022	0.022872
1234	489735.89	3858976.54	0.19173	0.12132	0.08527	0.15461	1.74E-02	0.00051	1.6E-06	0.00036	0.01825	2.19E-02	0.000648	1.36E-06	0.000209	2.28E-02	0.021617	0.000557	1.11E-06	0.000222	0.022398
1235	489785.89	3858976.54	0.18781	0.12241	0.08556	0.1558	1.70E-02	0.00052	1.6E-06	0.00036	0.0179	2.15E-02	0.000654	1.36E-06	0.000211	2.23E-02	0.021176	0.000562	1.11E-06	0.000224	0.021963
1236	489835.89	3858976.54	0.18422	0.12352	0.08591	0.15681	1.67E-02	0.00052	1.6E-06	0.00036	0.01758	2.11E-02	0.00066	1.37E-06	0.000212	2.19E-02	0.020771	0.000567	1.12E-06	0.000225	0.021564
1237	489885.89	3858976.54	0.18087	0.12483	0.08643	0.15747	1.64E-02	0.00053	1.6E-06	0.00036	0.01729	2.07E-02	0.000667	1.37E-06	0.000213	2.16E-02	0.020393	0.000573	1.12E-06	0.000226	0.021194
1238	489935.89	3858976.54	0.1776	0.12599	0.08692	0.15803	1.61E-02	0.00053	1.6E-06	0.00037	0.017	2.03E-02	0.000673	1.38E-06	0.000214	2.12E-02	0.020024	0.000579	1.13E-06	0.000227	0.020831
1239	489985.89	3858976.54	0.17454	0.12703	0.08742	0.15844	1.58E-02	0.00054	1.6E-06	0.00037	0.01672	2.00E-02	0.000678	1.39E-06	0.000214	2.09E-02	0.019679	0.000583	1.13E-06	0.000228	0.020491
1240	490035.89	3858976.54	0.17131	0.12885	0.08837	0.15788	1.55E-02	0.00055	1.7E-06	0.00037	0.01644	1.96E-02	0.000688	1.4E-06	0.000213	2.05E-02	0.019315	0.000592	1.15E-06	0.000227	0.020135
1241	489385.89	3859026.54	0.20165	0.10668	0.07982	0.13579	1.83E-02	0.00045	1.5E-06	0.00031	0.01904	2.31E-02	0.00057	1.27E-06	0.000184	2.38E-02	0.022736	0.00049	1.04E-06	0.000195	0.023422
1242	489435.89	3859026.54	0.19857	0.10863	0.08095	0.13815	1.80E-02	0.00046	1.5E-06	0.00032	0.01878	2.27E-02	0.00058	1.29E-06	0.000187	2.35E-02	0.022389	0.000499	1.05E-06	0.000198	0.023087
1243	489485.89	3859026.54	0.19519	0.11001	0.0815	0.13984	1.77E-02	0.00047	1.5E-06	0.00032	0.01848	2.23E-02	0.000587	1.3E-06	0.000189	2.31E-02	0.022008	0.000505	1.06E-06	0.000201	0.022715
1244	489535.89	3859026.54	0.19162	0.11101	0.08171	0.14117	1.74E-02	0.00047	1.5E-06	0.00033	0.01816	2.19E-02	0.000593	1.3E-06	0.000191	2.27E-02	0.021605	0.00051	1.06E-06	0.000203	0.022319
1245	489585.89	3859026.54	0.18806	0.11202	0.0819	0.1424	1.70E-02	0.00047	1.5E-06	0.00033	0.01785	2.15E-02	0.000598	1.3E-06	0.000193	2.23E-02	0.021204	0.000514	1.06E-06	0.000204	0.021924
1246	489635.89	3859026.54	0.18456	0.11293	0.082	0.14361	1.67E-02	0.00048	1.5E-06	0.00033	0.01754	2.11E-02	0.000603	1.3E-06	0.000194	2.19E-02	0.020809	0.000519	1.06E-06	0.000206	0.021535
1247	489685.89	3859026.54	0.18113	0.11382	0.08208	0.14474	1.64E-02	0.00048	1.5E-06	0.00034	0.01723	2.07E-02	0.000608	1.3E-06	0.000196	2.15E-02	0.020422	0.000523	1.07E-06	0.000208	0.021154
1248	489735.89	3859026.54	0.17787	0.11471	0.08218	0.14589	1.61E-02	0.00049	1.5E-06	0.00034	0.01694	2.03E-02	0.000612	1.31E-06	0.000197	2.12E-02	0.020055	0.000527	1.07E-06	0.00021	0.020792
1249	489785.89	3859026.54	0.17481	0.11567	0.08235	0.14701	1.58E-02	0.00049	1.5E-06	0.00034	0.01667	2.00E-02	0.000618	1.31E-06	0.000199	2.08E-02	0.01971	0.000531	1.07E-06	0.000211	0.020453
1250	489835.89	3859026.54	0.17191	0.1168	0.08265	0.14722	1.56E-02	0.00049	1.5E-06	0.00034	0.01642	1.97E-02	0.000624	1.31E-06	0.000199	2.05E-02	0.019383	0.000536	1.07E-06	0.000211	0.020132
1251	489885.89	3859026.54	0.16928	0.11793	0.083	0.14815	1.53E-02	0.0005	1.6E-06	0.00034	0.01618	1.94E-02	0.00063	1.32E-06	0.0002	2.02E-02	0.019086	0.000542	1.08E-06	0.000213	0.019842
1252	489935.89	3859026.54	0.16674	0.11911	0.08343	0.14891	1.51E-02	0.0005	1.6E-06	0.00034	0.01596	1.91E-02	0.000636	1.33E-06	0.000201	1.99E-02	0.0188	0.000547	1.08E-06	0.000214	0.019562
1253	489985.89	3859026.54	0.16427	0.12025	0.08388	0.14951	1.49E-02	0.00051	1.6E-06	0.00035	0.01574	1.88E-02	0.000642	1.33E-06	0.000202	1.96E-02	0.018521	0.000552	1.09E-06	0.000215	0.019289
1254	490035.89	3859026.54	0.16148	0.12222	0.08479	0.14903	1.46E-02	0.00052	1.6E-06	0.00035	0.0155	1.85E-02	0.000653	1.35E-06	0.000202	1.93E-02	0.018207	0.000561	1.1E-06	0.000214	0.018983
1255	489485.89	3859076.54	0.17543	0.10495	0.07884	0.13211	1.59E-02	0.00044	1.5E-06	0.00031	0.01665	2.01E-02	0.00056	1.25E-06	0.000179	2.08E-02	0.01978	0.000482	1.02E-06	0.00019	0.020452
1256	489535.89	3859076.54	0.17349	0.1059	0.07918	0.13319	1.57E-02	0.00045	1.5E-06	0.00031	0.01648	1.98E-02	0.000565	1.26E-06	0.00018	2.06E-02	0.019561	0.000486	1.03E-06	0.000191	0.02024
1257	489585.89	3859076.54	0.17137	0.1067	0.07933	0.13415	1.55E-02	0.00045	1.5E-06	0.00031	0.01629	1.96E-02	0.00057	1.26E-06	0.000181	2.04E-02	0.019322	0.00049	1.03E-06	0.000193	0.020006
1258	489635.89	3859076.54	0.16915	0.10738	0.07937	0.13518	1.53E-02	0.00045	1.5E-06	0.00031	0.0161	1.93E-02	0.000573	1.26E-06	0.000183	2.01E-02	0.019072	0.000493	1.03E-06	0.000194	0.01976
1259	489685.89	3859076.54	0.16689	0.1081	0.07941	0.13621	1.51E-02	0.00046	1.5E-06	0.00032	0.0159	1.91E-02	0.000577	1.26E-06	0.000184	1.99E-02	0.018817	0.000496	1.03E-06	0.000196	0.01951
1260	489735.89	3859076.54	0.16461	0.10882	0.07943	0.1372	1.49E-02	0.00046	1.5E-06	0.00032	0.0157	1.88E-02	0.000581	1.26E-06	0.000186	1.96E-02	0.01856	0.0005	1.03E-06	0.000197	0.019258
1261	489785.89	3859076.54	0.16237	0.10962	0.0795	0.13822	1.47E-02	0.00046	1.5E-06	0.00032	0.0155	1.86E-02	0.000585	1.26E-06	0.000187	1.93E-02	0.018307	0.000503	1.03E-06	0.000198	0.01901
1262	489835.89	3859076.54	0.16016	0.11058	0.07968	0.13922	1.45E-02	0.00047	1.5E-06	0.00032	0.01531	1.83E-02	0.00059	1.27E-06	0.000188	1.91E-02	0.018058	0.000508	1.03E-06	0.0002	0.018767
1263	489885.89	3859076.54	0.15799	0.11157	0.0799	0.13943	1.43E-02	0.00047	1.5E-06	0.00032	0.01511	1.81E-02	0.000596	1.27E-06	0.000189	1.89E-02	0.017813	0.000512	1.04E-06	0.0002	0.018527
1264	489935.89	3859076.54	0.15609	0.1126	0.08019	0.14036	1.41E-02	0.00048	1.5E-06	0.00033	0.01495	1.79E-02	0.000601	1.27E-06	0.00019	1.86E-02	0.017599	0.000517	1.04E-06	0.000202	0.018319
1265	489985.89	3859076.54	0.15423	0.11378	0.0806	0.14108	1.40E-02	0.00048	1.5E-06	0.00033	0.01479	1.76E-02	0.000608	1.28E-06	0.000191	1.84E-02	0.017389	0.000523	1.05E-06	0.000203	0.018116
1266	490035.89	3859076.54	0.15211	0.11557	0.08136	0.14102	1.38E-02	0.00049	1.5E-06	0.00033	0.0146	1.74E-02	0.000617	1.29E-06	0.000191	1.82E-02	0.01715	0.000531	1.06E-06	0.000203	0.017885
1267	489585.89	3859126.54	0.15641	0.10208	0.07699	0.12726	1.42E-02	0.00043	1.4E-06	0.00029	0.0149	1.79E-02	0.000545	1.22E-06	0.000172	1.86E-02	0.017635	0.000469	9.99E-07	0.000183	0.018288
1268	489635.89	3859126.54	0.15509	0.10253	0.07697	0.12791	1.41E-02	0.00043	1.4E-06	0.0003	0.01479	1.77E-02	0.000547	1.22E-06	0.000173	1.85E-02	0.017486	0.000471	9.99E-07	0.000184	0.018142
1269	489685.89	3859126.54	0.1537	0.10309	0.07698	0.12868	1.39E-02	0.00044	1.4E-06	0.0003	0.01466	1.76E-02	0.00055	1.22E-06	0.000174	1.83E-02	0.01733	0.000473	9.99E-07	0.000185	0.017989
1270	489735.89	3859126.54	0.15223	0.10369	0.07699	0.12951	1.38E-02	0.00044	1.4E-06	0.0003	0.01454	1.74E-02	0.000554	1.22E-06	0.000175	1.81E-02	0.017164	0.000476	9.99E-07	0.000186	0.017827
1271	489785.89	3859126.54	0.15069	0.1043	0.07698	0.13035	1.37E-02	0.00044	1.4E-06	0.0003	0.0144	1.72E-02	0.000557	1.22E-06	0.000176	1.80E-02	0.01699	0.000479	9.99E-07	0.000187	0.017657
1272	489835.89	3859126.54	0.14916	0.10506	0.07704	0.13122	1.35E-02	0.00044	1.4E-06	0.0003	0.01427	1.71E-02	0.000561	1.22E-06	0.000177	1.78E-02	0.016818	0.000482	1E-06	0.000188	0.01749
1273	489885.89	3859126.54	0.1475	0.10589	0.07716	0.13136	1.34E-02	0.00045	1.4E-06	0.0003	0.01412	1.69E-02	0.000565	1.23E-06	0.000178	1.76E-02	0.016631	0.000486	1E-06	0.000189	0.017307
1274	489935.89	3859126.54	0.146	0.10677	0.07734	0.13229	1.32E-02	0.00045	1.4E-06	0.00031	0.01399	1.67E-02	0.00057	1.23E-06	0.000179	1.74E-02	0.016461	0.00049	1E-06	0.00019	0.017143
1275	489985.89	3859126.54	0.14453	0.10803	0.07775	0.13287	1.31E-02	0.00046	1.5E-06	0.00031	0.01386	1.65E-02	0.000577	1.24E-06	0.00018	1.73E-02	0.016296	0.000496	1.01E-06	0.000191	0.016984
1276	490035.89	3859126.54	0.14303	0.10933	0.07822	0.13336	1.30E-02	0.00046	1.5E-06	0.00031	0.01373	1.64E-02	0.000584	1.24E-06	0.00018	1.71E-02	0.016127	0.000502	1.02E-06	0.000192	0.016821
1277	489585.89	3859176.54	0.14324	0.09826	0.07496	0.12158	1.30E-02	0.00042	1.4E-06	0.00028	0.01368	1.64E-02	0.000525	1.19E-06	0.000164	1.71E-02	0.01615	0.000451	9.73E-07	0.000175	0.016777

1278	489635.89	3859176.54	0.14263	0.0985	0.07491	0.12188	1.29E-02	0.00042	1.4E-06	0.00028	0.01363	1.63E-02	0.000526	1.19E-06	0.000165	1.70E-02	0.016081	0.000452	9.72E-07	0.000175	0.01671
1279	489685.89	3859176.54	0.14183	0.09873	0.07479	0.12226	1.29E-02	0.00042	1.4E-06	0.00028	0.01356	1.62E-02	0.000527	1.19E-06	0.000165	1.69E-02	0.015991	0.000453	9.71E-07	0.000176	0.016621
1280	489735.89	3859176.54	0.14093	0.09908	0.07471	0.12281	1.28E-02	0.00042	1.4E-06	0.00028	0.01348	1.61E-02	0.000529	1.19E-06	0.000166	1.68E-02	0.01589	0.000455	9.7E-07	0.000176	0.016522
1281	489785.89	3859176.54	0.14001	0.09964	0.07472	0.12344	1.27E-02	0.00042	1.4E-06	0.00029	0.0134	1.60E-02	0.000532	1.19E-06	0.000167	1.67E-02	0.015786	0.000458	9.7E-07	0.000177	0.016422
1282	489835.89	3859176.54	0.13899	0.10019	0.07471	0.12412	1.26E-02	0.00042	1.4E-06	0.00029	0.01331	1.59E-02	0.000535	1.19E-06	0.000168	1.66E-02	0.015671	0.00046	9.7E-07	0.000178	0.01631
1283	489885.89	3859176.54	0.13792	0.10088	0.07476	0.12484	1.25E-02	0.00043	1.4E-06	0.00029	0.01322	1.58E-02	0.000539	1.19E-06	0.000169	1.65E-02	0.01555	0.000463	9.7E-07	0.000179	0.016194
1284	489935.89	3859176.54	0.1368	0.10158	0.07483	0.12565	1.24E-02	0.00043	1.4E-06	0.00029	0.01312	1.56E-02	0.000542	1.19E-06	0.00017	1.64E-02	0.015424	0.000466	9.71E-07	0.00018	0.016072
1285	489985.89	3859176.54	0.13555	0.1026	0.07508	0.12548	1.23E-02	0.00043	1.4E-06	0.00029	0.01301	1.55E-02	0.000548	1.19E-06	0.00017	1.62E-02	0.015283	0.000471	9.75E-07	0.00018	0.015936
1286	490035.89	3859176.54	0.13452	0.10343	0.07527	0.12636	1.22E-02	0.00044	1.4E-06	0.00029	0.01292	1.54E-02	0.000552	1.2E-06	0.000171	1.61E-02	0.015167	0.000475	9.77E-07	0.000181	0.015825
1287	489685.89	3859226.54	0.13128	0.09514	0.07293	0.11691	1.19E-02	0.0004	1.4E-06	0.00027	0.01257	1.50E-02	0.000508	1.16E-06	0.000158	1.57E-02	0.014802	0.000437	9.47E-07	0.000168	0.015408
1288	489735.89	3859226.54	0.13082	0.09521	0.07274	0.11712	1.19E-02	0.0004	1.4E-06	0.00027	0.01253	1.50E-02	0.000508	1.16E-06	0.000158	1.56E-02	0.01475	0.000437	9.44E-07	0.000168	0.015356
1289	489785.89	3859226.54	0.13028	0.0955	0.07264	0.11744	1.18E-02	0.0004	1.4E-06	0.00027	0.01248	1.49E-02	0.00051	1.15E-06	0.000159	1.56E-02	0.014689	0.000439	9.43E-07	0.000169	0.015297
1290	489835.89	3859226.54	0.12974	0.09599	0.07264	0.11788	1.18E-02	0.00041	1.4E-06	0.00027	0.01244	1.48E-02	0.000513	1.15E-06	0.000159	1.55E-02	0.014628	0.000441	9.43E-07	0.000169	0.015239
1291	489885.89	3859226.54	0.12907	0.09645	0.0726	0.11841	1.17E-02	0.00041	1.4E-06	0.00027	0.01238	1.48E-02	0.000515	1.15E-06	0.00016	1.54E-02	0.014553	0.000443	9.42E-07	0.00017	0.015167
1292	489935.89	3859226.54	0.12831	0.09701	0.07261	0.11901	1.16E-02	0.00041	1.4E-06	0.00028	0.01232	1.47E-02	0.000518	1.15E-06	0.000161	1.54E-02	0.014467	0.000446	9.43E-07	0.000171	0.015084
1293	489985.89	3859226.54	0.1273	0.09792	0.0728	0.11857	1.15E-02	0.00041	1.4E-06	0.00027	0.01223	1.46E-02	0.000523	1.16E-06	0.00016	1.52E-02	0.014353	0.00045	9.45E-07	0.00017	0.014974
1294	490035.89	3859226.54	0.12654	0.09851	0.07284	0.11944	1.15E-02	0.00042	1.4E-06	0.00028	0.01216	1.45E-02	0.000526	1.16E-06	0.000161	1.52E-02	0.014267	0.000452	9.45E-07	0.000172	0.014892
1295	489735.89	3859276.54	0.12173	0.09194	0.07102	0.11238	1.10E-02	0.00039	1.3E-06	0.00026	0.01168	1.39E-02	0.000491	1.13E-06	0.000152	1.46E-02	0.013725	0.000422	9.22E-07	0.000161	0.01431
1296	489785.89	3859276.54	0.12154	0.09198	0.07082	0.11241	1.10E-02	0.00039	1.3E-06	0.00026	0.01167	1.39E-02	0.000491	1.13E-06	0.000152	1.45E-02	0.013704	0.000422	9.19E-07	0.000161	0.014288
1297	489835.89	3859276.54	0.1213	0.09226	0.07074	0.11251	1.10E-02	0.00039	1.3E-06	0.00026	0.01164	1.39E-02	0.000493	1.12E-06	0.000152	1.45E-02	0.013677	0.000424	9.18E-07	0.000162	0.014263
1298	489885.89	3859276.54	0.12094	0.09254	0.07064	0.11283	1.10E-02	0.00039	1.3E-06	0.00026	0.01161	1.38E-02	0.000494	1.12E-06	0.000153	1.45E-02	0.013636	0.000425	9.17E-07	0.000162	0.014224
1299	489935.89	3859276.54	0.12056	0.093	0.07063	0.1132	1.09E-02	0.00039	1.3E-06	0.00026	0.01158	1.38E-02	0.000497	1.12E-06	0.000153	1.44E-02	0.013593	0.000427	9.17E-07	0.000163	0.014184
1300	489985.89	3859276.54	0.11984	0.09376	0.07076	0.11245	1.09E-02	0.0004	1.3E-06	0.00026	0.01152	1.37E-02	0.000501	1.12E-06	0.000152	1.44E-02	0.013512	0.000431	9.18E-07	0.000161	0.014105
1301	490035.89	3859276.54	0.11931	0.094	0.07061	0.11337	1.08E-02	0.0004	1.3E-06	0.00026	0.01147	1.36E-02	0.000502	1.12E-06	0.000153	1.43E-02	0.013452	0.000432	9.17E-07	0.000163	0.014048
1302	490458.06	3859590.74	0.08512	0.07521	0.05902	0.08932	7.71E-03	0.00032	1.1E-06	0.00021	0.00824	9.74E-03	0.000402	9.38E-07	0.000121	1.03E-02	0.009597	0.000345	7.66E-07	0.000128	0.010072
1303	490508.06	3859590.74	0.08523	0.07571	0.05914	0.08963	7.72E-03	0.00032	1.1E-06	0.00021	0.00825	9.75E-03	0.000404	9.4E-07	0.000121	1.03E-02	0.00961	0.000348	7.68E-07	0.000129	0.010087
1304	490558.06	3859590.74	0.08534	0.07624	0.05928	0.08999	7.73E-03	0.00032	1.1E-06	0.00021	0.00827	9.76E-03	0.000407	9.42E-07	0.000122	1.03E-02	0.009622	0.00035	7.69E-07	0.000129	0.010102
1305	490608.06	3859590.74	0.08532	0.07681	0.05942	0.08986	7.73E-03	0.00032	1.1E-06	0.00021	0.00827	9.76E-03	0.00041	9.44E-07	0.000122	1.03E-02	0.00962	0.000353	7.71E-07	0.000129	0.010102
1306	490658.06	3859590.74	0.08526	0.07745	0.05962	0.09008	7.73E-03	0.00033	1.1E-06	0.00021	0.00826	9.75E-03	0.000414	9.48E-07	0.000122	1.03E-02	0.009613	0.000356	7.74E-07	0.000129	0.010099
1307	490708.06	3859590.74	0.08515	0.07811	0.05982	0.09029	7.72E-03	0.00033	1.1E-06	0.00021	0.00826	9.74E-03	0.000417	9.51E-07	0.000122	1.03E-02	0.009601	0.000359	7.76E-07	0.00013	0.01009
1308	490758.06	3859590.74	0.08498	0.07882	0.06006	0.09043	7.70E-03	0.00033	1.1E-06	0.00021	0.00825	9.72E-03	0.000421	9.55E-07	0.000122	1.03E-02	0.009581	0.000362	7.8E-07	0.00013	0.010074
1309	490808.06	3859590.74	0.0848	0.07948	0.06028	0.09067	7.68E-03	0.00034	1.1E-06	0.00021	0.00823	9.70E-03	0.000424	9.58E-07	0.000123	1.02E-02	0.009561	0.000365	7.82E-07	0.00013	0.010057
1310	490858.06	3859590.74	0.0846	0.08016	0.06054	0.09082	7.67E-03	0.00034	1.1E-06	0.00021	0.00822	9.68E-03	0.000428	9.62E-07	0.000123	1.02E-02	0.009539	0.000368	7.86E-07	0.00013	0.010038
1311	490458.06	3859640.74	0.08129	0.07238	0.05744	0.08594	7.37E-03	0.00031	1.1E-06	0.0002	0.00787	9.30E-03	0.000386	9.13E-07	0.000116	9.80E-03	0.009165	0.000332	7.46E-07	0.000123	0.009622
1312	490508.06	3859640.74	0.08142	0.07272	0.05748	0.08613	7.38E-03	0.00031	1.1E-06	0.0002	0.00789	9.31E-03	0.000388	9.14E-07	0.000116	9.82E-03	0.00918	0.000334	7.46E-07	0.000124	0.009638
1313	490558.06	3859640.74	0.08152	0.07313	0.05756	0.08639	7.39E-03	0.00031	1.1E-06	0.0002	0.0079	9.32E-03	0.00039	9.15E-07	0.000117	9.83E-03	0.009191	0.000336	7.47E-07	0.000124	0.009652
1314	490608.06	3859640.74	0.08173	0.07369	0.05772	0.08667	7.41E-03	0.00031	1.1E-06	0.0002	0.00792	9.35E-03	0.000393	9.17E-07	0.000117	9.86E-03	0.009215	0.000338	7.49E-07	0.000124	0.009679
1315	490658.06	3859640.74	0.08182	0.07428	0.0579	0.08648	7.41E-03	0.00031	1.1E-06	0.0002	0.00793	9.36E-03	0.000397	9.2E-07	0.000117	9.87E-03	0.009225	0.000341	7.52E-07	0.000124	0.009691
1316	490708.06	3859640.74	0.0818	0.07486	0.05806	0.08668	7.41E-03	0.00032	1.1E-06	0.0002	0.00793	9.36E-03	0.0004	9.23E-07	0.000117	9.87E-03	0.009223	0.000344	7.54E-07	0.000124	0.009692
1317	490758.06	3859640.74	0.08173	0.07548	0.05825	0.08683	7.41E-03	0.00032	1.1E-06	0.0002	0.00793	9.35E-03	0.000403	9.26E-07	0.000117	9.87E-03	0.009215	0.000347	7.56E-07	0.000125	0.009687
1318	490808.06	3859640.74	0.08161	0.07602	0.05839	0.08712	7.40E-03	0.00032	1.1E-06	0.0002	0.00792	9.33E-03	0.000406	9.28E-07	0.000118	9.86E-03	0.009201	0.000349	7.58E-07	0.000125	0.009676
1319	490858.06	3859640.74	0.08149	0.07658	0.05856	0.08742	7.38E-03	0.00032	1.1E-06	0.0002	0.00791	9.32E-03	0.000409	9.31E-07	0.000118	9.85E-03	0.009188	0.000352	7.6E-07	0.000126	0.009666
1320	490608.06	3859690.74	0.07821	0.07089	0.05616	0.08332	7.09E-03	0.0003	1.1E-06	0.00019	0.00758	8.95E-03	0.000379	8.93E-07	0.000113	9.44E-03	0.008818	0.000326	7.29E-07	0.00012	0.009264
1321	490658.06	3859690.74	0.07847	0.07139	0.0563	0.08319	7.11E-03	0.0003	1.1E-06	0.00019	0.00761	8.98E-03	0.000381	8.95E-07	0.000112	9.47E-03	0.008847	0.000328	7.31E-07	0.000119	0.009296
1322	490708.06	3859690.74	0.07857	0.0719	0.05644	0.08334	7.12E-03	0.0003	1.1E-06	0.00019	0.00762	8.99E-03	0.000384	8.97E-07	0.000113	9.48E-03	0.008859	0.00033	7.33E-07	0.00012	0.009309
1323	490758.06	3859690.74	0.07859	0.07245	0.0566	0.08347	7.12E-03	0.00031	1.1E-06	0.00019	0.00762	8.99E-03	0.000387	9E-07	0.000113	9.49E-03	0.008861	0.000333	7.35E-07	0.00012	0.009314
1324	490808.06	3859690.74	0.07855	0.07294	0.05672	0.08368	7.12E-03	0.00031	1.1E-06	0.00019	0.00762	8.98E-03	0.000389	9.01E-07	0.000113	9.49E-03	0.008856	0.000335	7.36E-07	0.00012	0.009312
1325	490858.06	3859690.74	0.07846	0.0733	0.05677	0.0841	7.11E-03	0.00031	1.1E-06	0.00019	0.00762	8.97E-03	0.000391	9.02E-07	0.000114	9.48E-03	0.008846	0.000337	7.37E-07	0.000121	0.009304
1326	490708.06	3859740.74	0.07538	0.06917	0.05492	0.08067	6.83E-03	0.00029	1E-06	0.00019	0.00731	8.62E-03	0.000369	8.73E-07	0.000109	9.10E-03	0.008499	0.000318	7.13E-07	0.000116	0.008933
1327	490758.06	3859740.74	0.07546	0.06946	0.05493	0.08056	6.84E-03	0.00029	1E-06	0.00019	0.00732	8.63E-03	0.000371	8.73E-07	0.000109	9.11E-03	0.008508	0.000319	7.13E-07	0.000116	0.008943
1328	490808.06	3859740.74	0.07552	0.06988	0.05502	0.08078	6.84E-03	0.0003	1E-06	0.00019	0.00733	8.64E-03	0.000373	8.74E-07	0.000109	9.12E-03	0.008515	0.000321	7.14E-07	0.000116	0.008952
1329	490858.06	3859740.74	0.0755	0.07025	0.05508	0.08104	6.84E-03	0.0003	1E-06	0.00019	0.00733	8.64E-03	0.000375	8.75E-07	0.00011	9.12E-03	0.008513	0.000323	7.15E-07	0.000116	0.008952
1330	490786.56	3859749.39	0.07496	0.0692	0.0547	0.08019	6.79E-03	0.00029	1E-06	0.00019	0.00727	8.57E-03	0.000369	8.69E-07	0.000108	9.05E-03	0.008452	0.000318	7.1E-07	0.000115	0.008885
1331	490836.56	3859749.39	0.07501	0.06961	0.05479	0.08042	6.80E-03	0.00029	1E-06	0.00019	0.00728	8.58E-03	0.000372	8.71E-07	0.000109	9.06E-03	0.008457	0.00032	7.11E-07	0.000115	0.008893
1332	490786.56	3859799.39	0.07185	0.06656	0.05319	0.07759	6.51E-03	0.00028	1E-06	0.00018	0.00697	8.22E-03	0.000355	8.45E-07	0.000105	8.68E-03	0.008101	0.000306	6.9E-07	0.000111	0.008519
1333	490836.56	3859799.39	0.07203	0.06693	0.05328	0.07785	6.53E-03	0.00028	1E-06	0.00018	0.00699	8.24E-03	0.000357	8.47E-07	0.000105	8.70E-03	0.008121	0.000307	6.92E-07	0.000112	0.008541
1334	492307.84	3854508.36	0.10811	0.10156	0.12003	0.07396	9.80E-03	0.00043	2.2E-06	0.00017	0.0104	1.24E-02	0.000542	1.91E-06	0.0001	1.30E-02	0.012189	0.000466	1.56E-06	0.000106	0.012764
1335	486445.7	3854753.6	0.29635	0.47126	0.25269	0.06641	2.69E-02	0.00199	4.7E-06	0.00015	0.02901	3.39E-02	0.002516	4.02E-06	8.98E-05	3.65E-02	0.033413	0.002164	3.28E-06	9.54E-05	0.035676
1336	472599.75	3877830.11	0.00292	0.0026	0.00288	0.00267	2.65E-04	1.1E-05	5.4E-08	6.2E-06	0.00028	3.34E-04	1.39E-05	4.58E-08	3.61E-06	3.52E-04	0.000329	1.19E-05	3.74E-08	3.83E-06	0.000345
1337	493107.48	3866840.19	0.00903	0.00935	0.00893	0.00755	8.18E-04	4E-05	1.7E-07	1.7E-05	0.00088	1.03E-03	4.99E-05	1.42E-07	1.02E-05	1.09E-03	0.001018	4.29E-05	1.16E-07	1.08E-05	0.001072
1338	495815.79	3861662.87	0.02777	0.02973	0.02583	0.03429	2.52E-03	0.00013	4.8E-07	7.9E-05	0.00272	3.18E-03	0.000159	4.11E-07	4.64E-05	3.38E-03	0.003131	0.000137	3.35E-07	4.92E-05	0.003317

1339	480272.33	3841389.2	0.00095	0.00092	0.00097	0.00081	8.61E-05	3.9E-06	1.8E-08	1.9E-06	9.2E-05	1.09E-04	4.91E-06	1.54E-08	1.1E-06	1.15E-04	0.000107	4.22E-06	1.26E-08	1.16E-06	0.000113
1340	497005.18	3862813.64	0.01938	0.02067	0.01794	0.02326	1.76E-03	8.7E-05	3.4E-07	5.4E-05	0.0019	2.22E-03	0.00011	2.85E-07	3.15E-05	2.36E-03	0.002185	9.49E-05	2.33E-07	3.34E-05	0.002314
1341	493677.33	3860302.55	0.05164	0.05462	0.04562	0.06156	4.68E-03	0.00023	8.5E-07	0.00014	0.00505	5.91E-03	0.000292	7.25E-07	8.32E-05	6.28E-03	0.005822	0.000251	5.92E-07	8.84E-05	0.006162
1342	493727.33	3860302.55	0.05154	0.05453	0.04558	0.06138	4.67E-03	0.00023	8.5E-07	0.00014	0.00504	5.90E-03	0.000291	7.24E-07	8.3E-05	6.27E-03	0.005811	0.00025	5.92E-07	8.81E-05	0.00615
1343	493777.33	3860302.55	0.05145	0.05445	0.04554	0.06118	4.66E-03	0.00023	8.5E-07	0.00014	0.00504	5.88E-03	0.000291	7.24E-07	8.27E-05	6.26E-03	0.005801	0.00025	5.91E-07	8.79E-05	0.006139
1344	493827.33	3860302.55	0.05135	0.05438	0.04549	0.06097	4.65E-03	0.00023	8.5E-07	0.00014	0.00503	5.87E-03	0.00029	7.23E-07	8.24E-05	6.25E-03	0.00579	0.00025	5.9E-07	8.76E-05	0.006128
1345	493877.33	3860302.55	0.05122	0.05425	0.0454	0.06078	4.64E-03	0.00023	8.5E-07	0.00014	0.00501	5.86E-03	0.00029	7.22E-07	8.22E-05	6.23E-03	0.005775	0.000249	5.89E-07	8.73E-05	0.006112
1346	493927.33	3860302.55	0.05107	0.0541	0.04529	0.0606	4.63E-03	0.00023	8.5E-07	0.00014	0.005	5.84E-03	0.000289	7.2E-07	8.19E-05	6.21E-03	0.005758	0.000248	5.88E-07	8.7E-05	0.006094
1347	493977.33	3860302.55	0.05104	0.05414	0.04531	0.06027	4.63E-03	0.00023	8.5E-07	0.00014	0.00499	5.84E-03	0.000289	7.2E-07	8.15E-05	6.21E-03	0.005755	0.000249	5.88E-07	8.66E-05	0.006091
1348	494027.33	3860302.55	0.05093	0.05408	0.04525	0.06	4.62E-03	0.00023	8.5E-07	0.00014	0.00498	5.83E-03	0.000289	7.19E-07	8.11E-05	6.20E-03	0.005742	0.000248	5.87E-07	8.62E-05	0.006077
1349	493677.33	3860352.55	0.05045	0.05342	0.04465	0.06042	4.57E-03	0.00023	8.4E-07	0.00014	0.00494	5.77E-03	0.000285	7.1E-07	8.17E-05	6.14E-03	0.005688	0.000245	5.8E-07	8.68E-05	0.006021
1350	493727.33	3860352.55	0.05034	0.05329	0.0446	0.06037	4.56E-03	0.00023	8.3E-07	0.00014	0.00493	5.76E-03	0.000285	7.09E-07	8.16E-05	6.12E-03	0.005676	0.000245	5.79E-07	8.67E-05	0.006008
1351	493777.33	3860352.55	0.05022	0.05317	0.04454	0.06022	4.55E-03	0.00022	8.3E-07	0.00014	0.00492	5.74E-03	0.000284	7.08E-07	8.14E-05	6.11E-03	0.005662	0.000244	5.78E-07	8.65E-05	0.005994
1352	493827.33	3860352.55	0.05013	0.05308	0.04449	0.06006	4.54E-03	0.00022	8.3E-07	0.00014	0.00491	5.73E-03	0.000283	7.07E-07	8.12E-05	6.10E-03	0.005652	0.000244	5.77E-07	8.62E-05	0.005983
1353	493877.33	3860352.55	0.05007	0.05302	0.04446	0.05977	4.54E-03	0.00022	8.3E-07	0.00014	0.0049	5.73E-03	0.000283	7.07E-07	8.08E-05	6.09E-03	0.005645	0.000243	5.77E-07	8.58E-05	0.005975
1354	493927.33	3860352.55	0.05003	0.05301	0.04446	0.05954	4.53E-03	0.00022	8.3E-07	0.00014	0.0049	5.72E-03	0.000283	7.07E-07	8.05E-05	6.09E-03	0.005641	0.000243	5.77E-07	8.55E-05	0.00597
1355	493977.33	3860352.55	0.04999	0.05302	0.04447	0.05928	4.53E-03	0.00022	8.3E-07	0.00014	0.00489	5.72E-03	0.000283	7.07E-07	8.02E-05	6.08E-03	0.005636	0.000243	5.77E-07	8.51E-05	0.005966
1356	494027.33	3860352.55	0.04987	0.05291	0.04439	0.05908	4.52E-03	0.00022	8.3E-07	0.00014	0.00488	5.70E-03	0.000283	7.05E-07	7.99E-05	6.07E-03	0.005623	0.000243	5.76E-07	8.48E-05	0.005951
1357	493677.33	3860402.55	0.04921	0.05214	0.04359	0.05933	4.46E-03	0.00022	8.2E-07	0.00014	0.00482	5.63E-03	0.000278	6.93E-07	8.02E-05	5.99E-03	0.005548	0.000239	5.66E-07	8.52E-05	0.005874
1358	493727.33	3860402.55	0.04911	0.05203	0.04357	0.05921	4.45E-03	0.00022	8.2E-07	0.00014	0.00481	5.62E-03	0.000278	6.92E-07	8.01E-05	5.98E-03	0.005537	0.000239	5.66E-07	8.5E-05	0.005862
1359	493777.33	3860402.55	0.04913	0.05208	0.04365	0.05907	4.45E-03	0.00022	8.2E-07	0.00014	0.00481	5.62E-03	0.000278	6.94E-07	7.99E-05	5.98E-03	0.005539	0.000239	5.67E-07	8.48E-05	0.005864
1360	493827.33	3860402.55	0.04899	0.05192	0.04356	0.05893	4.44E-03	0.00022	8.2E-07	0.00014	0.0048	5.60E-03	0.000277	6.92E-07	7.97E-05	5.96E-03	0.005524	0.000238	5.65E-07	8.46E-05	0.005847
1361	493877.33	3860402.55	0.04889	0.05181	0.04351	0.05879	4.43E-03	0.00022	8.1E-07	0.00014	0.00479	5.59E-03	0.000277	6.92E-07	7.95E-05	5.95E-03	0.005512	0.000238	5.65E-07	8.44E-05	0.005835
1362	493927.33	3860402.55	0.0489	0.05184	0.04356	0.05861	4.43E-03	0.00022	8.2E-07	0.00014	0.00479	5.59E-03	0.000277	6.92E-07	7.92E-05	5.95E-03	0.005513	0.000238	5.65E-07	8.42E-05	0.005836
1363	493977.33	3860402.55	0.04893	0.05191	0.04362	0.05829	4.43E-03	0.00022	8.2E-07	0.00014	0.00479	5.60E-03	0.000277	6.93E-07	7.88E-05	5.95E-03	0.005517	0.000238	5.66E-07	8.37E-05	0.00584
1364	494027.33	3860402.55	0.04881	0.05178	0.04353	0.05813	4.42E-03	0.00022	8.1E-07	0.00013	0.00478	5.58E-03	0.000276	6.92E-07	7.86E-05	5.94E-03	0.005503	0.000238	5.65E-07	8.35E-05	0.005825
1365	493677.33	3860452.55	0.04808	0.05099	0.04261	0.05813	4.36E-03	0.00022	8E-07	0.00013	0.00471	5.50E-03	0.000272	6.77E-07	7.86E-05	5.85E-03	0.005421	0.000234	5.53E-07	8.35E-05	0.005739
1366	493727.33	3860452.55	0.04793	0.05079	0.04253	0.05804	4.34E-03	0.00021	8E-07	0.00013	0.00469	5.48E-03	0.000271	6.76E-07	7.85E-05	5.83E-03	0.005404	0.000233	5.52E-07	8.33E-05	0.005721
1367	493777.33	3860452.55	0.04786	0.05071	0.04252	0.05793	4.34E-03	0.00021	8E-07	0.00013	0.00469	5.47E-03	0.000271	6.76E-07	7.83E-05	5.82E-03	0.005396	0.000233	5.52E-07	8.32E-05	0.005713
1368	493827.33	3860452.55	0.04786	0.05073	0.04259	0.05781	4.34E-03	0.00021	8E-07	0.00013	0.00469	5.47E-03	0.000271	6.77E-07	7.82E-05	5.82E-03	0.005396	0.000233	5.53E-07	8.3E-05	0.005713
1369	493877.33	3860452.55	0.04783	0.05071	0.04262	0.05768	4.33E-03	0.00021	8E-07	0.00013	0.00468	5.47E-03	0.000271	6.77E-07	7.8E-05	5.82E-03	0.005393	0.000233	5.53E-07	8.28E-05	0.005709
1370	493927.33	3860452.55	0.04787	0.05081	0.04272	0.05752	4.34E-03	0.00021	8E-07	0.00013	0.00469	5.48E-03	0.000271	6.79E-07	7.78E-05	5.83E-03	0.005397	0.000233	5.55E-07	8.26E-05	0.005714
1371	493977.33	3860452.55	0.04779	0.05072	0.04269	0.05738	4.33E-03	0.00021	8E-07	0.00013	0.00468	5.47E-03	0.000271	6.78E-07	7.76E-05	5.82E-03	0.005388	0.000233	5.54E-07	8.24E-05	0.005704
1372	494027.33	3860452.55	0.0477	0.05063	0.04263	0.05723	4.32E-03	0.00021	8E-07	0.00013	0.00467	5.46E-03	0.00027	6.78E-07	7.74E-05	5.80E-03	0.005378	0.000233	5.53E-07	8.22E-05	0.005693
1373	493677.33	3860502.55	0.04695	0.04982	0.04159	0.05692	4.25E-03	0.00021	7.8E-07	0.00013	0.0046	5.37E-03	0.000266	6.61E-07	7.7E-05	5.71E-03	0.005294	0.000229	5.4E-07	8.17E-05	0.005605
1374	493727.33	3860502.55	0.04684	0.04967	0.04156	0.05684	4.24E-03	0.00021	7.8E-07	0.00013	0.00459	5.36E-03	0.000265	6.61E-07	7.69E-05	5.70E-03	0.005281	0.000228	5.39E-07	8.16E-05	0.005591
1375	493777.33	3860502.55	0.04678	0.04961	0.04158	0.05675	4.24E-03	0.00021	7.8E-07	0.00013	0.00458	5.35E-03	0.000265	6.61E-07	7.67E-05	5.69E-03	0.005274	0.000228	5.4E-07	8.15E-05	0.005584
1376	493827.33	3860502.55	0.04673	0.04955	0.0416	0.05666	4.23E-03	0.00021	7.8E-07	0.00013	0.00458	5.34E-03	0.000265	6.61E-07	7.66E-05	5.69E-03	0.005269	0.000228	5.4E-07	8.14E-05	0.005578
1377	493877.33	3860502.55	0.04674	0.04958	0.04167	0.05656	4.24E-03	0.00021	7.8E-07	0.00013	0.00458	5.35E-03	0.000265	6.62E-07	7.65E-05	5.69E-03	0.00527	0.000228	5.41E-07	8.12E-05	0.005579
1378	493927.33	3860502.55	0.04677	0.04965	0.04177	0.05644	4.24E-03	0.00021	7.8E-07	0.00013	0.00458	5.35E-03	0.000265	6.64E-07	7.63E-05	5.69E-03	0.005273	0.000228	5.42E-07	8.11E-05	0.005583
1379	493977.33	3860502.55	0.04668	0.04955	0.04173	0.05632	4.23E-03	0.00021	7.8E-07	0.00013	0.00457	5.34E-03	0.000265	6.63E-07	7.62E-05	5.68E-03	0.005263	0.000228	5.42E-07	8.09E-05	0.005572
1380	494027.33	3860502.55	0.04662	0.04949	0.04172	0.05619	4.22E-03	0.00021	7.8E-07	0.00013	0.00457	5.33E-03	0.000264	6.63E-07	7.6E-05	5.67E-03	0.005256	0.000227	5.42E-07	8.07E-05	0.005565
1381	493627.33	3860552.55	0.04585	0.04869	0.0405	0.05572	4.16E-03	0.00021	7.6E-07	0.00013	0.00449	5.24E-03	0.00026	6.44E-07	7.53E-05	5.58E-03	0.00517	0.000224	5.26E-07	8E-05	0.005474
1382	493677.33	3860552.55	0.04576	0.04856	0.0405	0.05567	4.15E-03	0.00021	7.6E-07	0.00013	0.00448	5.23E-03	0.000259	6.44E-07	7.53E-05	5.57E-03	0.005159	0.000223	5.26E-07	7.99E-05	0.005463
1383	493727.33	3860552.55	0.04567	0.04846	0.0405	0.05561	4.14E-03	0.00021	7.6E-07	0.00013	0.00447	5.22E-03	0.000259	6.44E-07	7.52E-05	5.56E-03	0.005149	0.000223	5.26E-07	7.99E-05	0.005452
1384	493777.33	3860552.55	0.04566	0.04844	0.04057	0.05556	4.14E-03	0.0002	7.6E-07	0.00013	0.00447	5.22E-03	0.000259	6.45E-07	7.51E-05	5.56E-03	0.005148	0.000222	5.27E-07	7.98E-05	0.005451
1385	493827.33	3860552.55	0.04569	0.04849	0.04068	0.0555	4.14E-03	0.00021	7.6E-07	0.00013	0.00447	5.23E-03	0.000259	6.47E-07	7.5E-05	5.56E-03	0.005152	0.000223	5.28E-07	7.97E-05	0.005454
1386	493877.33	3860552.55	0.04562	0.0484	0.04068	0.05542	4.13E-03	0.0002	7.6E-07	0.00013	0.00447	5.22E-03	0.000258	6.47E-07	7.49E-05	5.55E-03	0.005144	0.000222	5.28E-07	7.96E-05	0.005446
1387	493927.33	3860552.55	0.04563	0.04843	0.04075	0.05534	4.14E-03	0.0002	7.6E-07	0.00013	0.00447	5.22E-03	0.000259	6.48E-07	7.48E-05	5.55E-03	0.005145	0.000222	5.29E-07	7.95E-05	0.005447
1388	493977.33	3860552.55	0.04565	0.04847	0.04083	0.05525	4.14E-03	0.00021	7.6E-07	0.00013	0.00447	5.22E-03	0.000259	6.49E-07	7.47E-05	5.56E-03	0.005147	0.000223	5.3E-07	7.93E-05	0.005449
1389	494027.33	3860552.55	0.04557	0.04838	0.04081	0.05514	4.13E-03	0.0002	7.6E-07	0.00013	0.00446	5.21E-03	0.000258	6.49E-07	7.46E-05	5.55E-03	0.005138	0.000222	5.3E-07	7.92E-05	0.00544
1390	493627.33	3860602.55	0.04473	0.04751	0.03945	0.05444	4.05E-03	0.0002	7.4E-07	0.00013	0.00438	5.12E-03	0.000254	6.27E-07	7.36E-05	5.44E-03	0.005043	0.000218	5.12E-07	7.82E-05	0.00534
1391	493727.33	3860602.55	0.0445	0.04721	0.03942	0.05434	4.03E-03	0.0002	7.4E-07	0.00013	0.00436	5.09E-03	0.000252	6.27E-07	7.35E-05	5.42E-03	0.005017	0.000217	5.12E-07	7.8E-05	0.005313
1392	493777.33	3860602.55	0.04458	0.04733	0.03958	0.05435	4.04E-03	0.0002	7.4E-07	0.00013	0.00437	5.10E-03	0.000253	6.29E-07	7.35E-05	5.43E-03	0.005026	0.000217	5.14E-07	7.8E-05	0.005322
1393	493827.33	3860602.55	0.04456	0.04731	0.03965	0.05431	4.04E-03	0.0002	7.4E-07	0.00013	0.00436	5.10E-03	0.000253	6.3E-07	7.34E-05	5.42E-03	0.005024	0.000217	5.15E-07	7.8E-05	0.00532
1394	493877.33	3860602.55	0.04461	0.04738	0.03977	0.05428	4.04E-03	0.0002	7.4E-07	0.00013	0.00437	5.10E-03	0.000253	6.32E-07	7.34E-05	5.43E-03	0.00503	0.000218	5.16E-07	7.79E-05	0.005326
1395	493927.33	3860602.55	0.0446	0.04738	0.03984	0.05422	4.04E-03	0.0002	7.5E-07	0.00013	0.00437	5.10E-03	0.000253	6.33E-07	7.33E-05	5.43E-03	0.005029	0.000218	5.17E-07	7.79E-05	0.005325
1396	493977.33	3860602.55	0.04461	0.04739	0.03991	0.05416	4.04E-03	0.0002	7.5E-07	0.00013	0.00437	5.10E-03	0.000253	6.34E-07	7.32E-05	5.43E-03	0.00503	0.000218	5.18E-07	7.78E-05	0.005326
1397	494027.33	3860602.55	0.04452	0.04728	0.03988	0.05406	4.03E-03	0.0002	7.5E-07	0.00013	0.00436	5.09E-03	0.000252	6.34E-07	7.31E-05	5.42E-03	0.00502	0.000217	5.18E-07	7.76E-05	0.005315
1398	493627.33	3860652.55	0.0436	0.04629	0.03837	0.05314	3.95E-03	0.0002	7.2E-07	0.00012	0.00427	4.99E-03	0.000247	6.1E-07	7.19E-05	5.31E-03	0.004916	0.000213	4.98E-07	7.63E-05	0.005205
1399	493727.33	3860652.55	0.0434	0.04606	0.03839	0.05308	3.93E-03	0.00019	7.2E-07	0.00012	0.00425	4.96E-03	0.000246	6.1E-07	7.18E-05	5.28E-03	0.004893	0.000212	4.98E-07	7.62E-05	0.005182

1400	493777.33	3860652.55	0.04346	0.04615	0.03854	0.05311	3.94E-03	0.0002	7.2E-07	0.00012	0.00426	4.97E-03	0.000246	6.13E-07	7.18E-05	5.29E-03	0.0049	0.000212	5E-07	7.63E-05	0.005189
1401	493827.33	3860652.55	0.04351	0.04622	0.03867	0.05312	3.94E-03	0.0002	7.2E-07	0.00012	0.00426	4.98E-03	0.000247	6.15E-07	7.18E-05	5.30E-03	0.004906	0.000212	5.02E-07	7.63E-05	0.005195
1402	493877.33	3860652.55	0.04357	0.04631	0.03882	0.05312	3.95E-03	0.0002	7.3E-07	0.00012	0.00427	4.98E-03	0.000247	6.17E-07	7.18E-05	5.30E-03	0.004913	0.000213	5.04E-07	7.63E-05	0.005202
1403	493927.33	3860652.55	0.04357	0.04631	0.03889	0.05309	3.95E-03	0.0002	7.3E-07	0.00012	0.00427	4.98E-03	0.000247	6.18E-07	7.18E-05	5.30E-03	0.004913	0.000213	5.05E-07	7.62E-05	0.005202
1404	493977.33	3860652.55	0.04355	0.04629	0.03895	0.05304	3.95E-03	0.0002	7.3E-07	0.00012	0.00427	4.98E-03	0.000247	6.19E-07	7.17E-05	5.30E-03	0.00491	0.000213	5.06E-07	7.62E-05	0.0052
1405	494027.33	3860652.55	0.04358	0.04633	0.03905	0.05299	3.95E-03	0.0002	7.3E-07	0.00012	0.00427	4.98E-03	0.000247	6.21E-07	7.16E-05	5.30E-03	0.004914	0.000213	5.07E-07	7.61E-05	0.005203
1406	494311.06	3858401.99	0.05833	0.065	0.05691	0.05575	5.29E-03	0.00027	1.1E-06	0.00013	0.00569	6.67E-03	0.000347	9.04E-07	7.54E-05	7.10E-03	0.006577	0.000299	7.39E-07	8.01E-05	0.006956
1407	494361.06	3858401.99	0.05727	0.06372	0.0559	0.05481	5.19E-03	0.00027	1E-06	0.00013	0.00559	6.55E-03	0.00034	8.88E-07	7.41E-05	6.97E-03	0.006457	0.000293	7.26E-07	7.87E-05	0.006829
1408	494411.06	3858401.99	0.05656	0.06285	0.05525	0.05417	5.13E-03	0.00027	1E-06	0.00013	0.00552	6.47E-03	0.000336	8.78E-07	7.32E-05	6.88E-03	0.006377	0.000289	7.17E-07	7.78E-05	0.006744
1409	494461.06	3858401.99	0.05623	0.06241	0.05498	0.05383	5.10E-03	0.00026	1E-06	0.00012	0.00549	6.43E-03	0.000333	8.74E-07	7.28E-05	6.84E-03	0.00634	0.000287	7.14E-07	7.73E-05	0.006705
1410	494511.06	3858401.99	0.05546	0.06147	0.05427	0.05313	5.03E-03	0.00026	1E-06	0.00012	0.00541	6.34E-03	0.000328	8.63E-07	7.18E-05	6.74E-03	0.006253	0.000282	7.04E-07	7.63E-05	0.006612
1411	494561.06	3858401.99	0.0551	0.061	0.05397	0.05278	4.99E-03	0.00026	1E-06	0.00012	0.00537	6.30E-03	0.000326	8.58E-07	7.14E-05	6.70E-03	0.006213	0.00028	7.01E-07	7.58E-05	0.006569
1412	494611.06	3858401.99	0.05433	0.06005	0.05324	0.05208	4.92E-03	0.00025	1E-06	0.00012	0.0053	6.21E-03	0.000321	8.46E-07	7.04E-05	6.61E-03	0.006126	0.000276	6.91E-07	7.48E-05	0.006477
1413	494661.06	3858401.99	0.05368	0.05921	0.05264	0.0515	4.86E-03	0.00025	9.9E-07	0.00012	0.00524	6.14E-03	0.000316	8.37E-07	6.96E-05	6.53E-03	0.006052	0.000272	6.83E-07	7.4E-05	0.006399
1414	494711.06	3858401.99	0.0527	0.05804	0.0517	0.05064	4.78E-03	0.00025	9.7E-07	0.00012	0.00514	6.03E-03	0.00031	8.22E-07	6.85E-05	6.41E-03	0.005942	0.000267	6.71E-07	7.27E-05	0.006282
1415	494761.06	3858401.99	0.0522	0.05741	0.05124	0.05016	4.73E-03	0.00024	9.6E-07	0.00012	0.00509	5.97E-03	0.000307	8.14E-07	6.78E-05	6.35E-03	0.005886	0.000264	6.65E-07	7.2E-05	0.006222
1416	494811.06	3858401.99	0.05146	0.05651	0.05053	0.0495	4.66E-03	0.00024	9.5E-07	0.00011	0.00502	5.89E-03	0.000302	8.03E-07	6.69E-05	6.26E-03	0.005802	0.00026	6.56E-07	7.11E-05	0.006133
1417	494861.06	3858401.99	0.0508	0.05571	0.04992	0.04891	4.60E-03	0.00024	9.3E-07	0.00011	0.00495	5.81E-03	0.000297	7.93E-07	6.61E-05	6.17E-03	0.005728	0.000256	6.48E-07	7.02E-05	0.006054
1418	494911.06	3858401.99	0.05015	0.05492	0.04931	0.04833	4.54E-03	0.00023	9.2E-07	0.00011	0.00489	5.74E-03	0.000293	7.84E-07	6.53E-05	6.10E-03	0.005654	0.000252	6.4E-07	6.94E-05	0.005977
1419	494961.06	3858401.99	0.04947	0.0541	0.04866	0.04772	4.48E-03	0.00023	9.1E-07	0.00011	0.00482	5.66E-03	0.000289	7.73E-07	6.45E-05	6.01E-03	0.005578	0.000248	6.32E-07	6.85E-05	0.005895
1420	495011.06	3858401.99	0.0486	0.05306	0.04782	0.04696	4.40E-03	0.00022	9E-07	0.00011	0.00474	5.56E-03	0.000283	7.6E-07	6.35E-05	5.91E-03	0.00548	0.000244	6.21E-07	6.74E-05	0.005791
1421	495061.06	3858401.99	0.04793	0.05225	0.04718	0.04634	4.34E-03	0.00022	8.8E-07	0.00011	0.00467	5.48E-03	0.000279	7.5E-07	6.27E-05	5.82E-03	0.005404	0.00024	6.12E-07	6.65E-05	0.005711
1422	495111.06	3858401.99	0.04666	0.05076	0.04592	0.04523	4.23E-03	0.00021	8.6E-07	0.0001	0.00455	5.34E-03	0.000271	7.3E-07	6.12E-05	5.67E-03	0.005261	0.000233	5.96E-07	6.5E-05	0.00556
1423	495161.06	3858401.99	0.04644	0.05046	0.04574	0.045	4.21E-03	0.00021	8.6E-07	0.0001	0.00453	5.31E-03	0.000269	7.27E-07	6.08E-05	5.64E-03	0.005236	0.000232	5.94E-07	6.46E-05	0.005533
1424	495211.06	3858401.99	0.04535	0.04919	0.04467	0.04405	4.11E-03	0.00021	8.4E-07	0.0001	0.00442	5.19E-03	0.000263	7.1E-07	5.96E-05	5.51E-03	0.005113	0.000226	5.8E-07	6.33E-05	0.005403
1425	495261.06	3858401.99	0.04477	0.04849	0.04411	0.04353	4.06E-03	0.00021	8.3E-07	0.0001	0.00436	5.12E-03	0.000259	7.01E-07	5.89E-05	5.44E-03	0.005048	0.000223	5.73E-07	6.25E-05	0.005334
1426	495311.06	3858401.99	0.04415	0.04775	0.04352	0.04298	4.00E-03	0.0002	8.1E-07	1E-04	0.0043	5.05E-03	0.000255	6.92E-07	5.81E-05	5.36E-03	0.004978	0.000219	5.65E-07	6.17E-05	0.005259
1427	495361.06	3858401.99	0.04373	0.04723	0.04313	0.04259	3.96E-03	0.0002	8.1E-07	9.9E-05	0.00426	5.00E-03	0.000252	6.85E-07	5.76E-05	5.31E-03	0.004931	0.000217	5.6E-07	6.12E-05	0.005209
1428	495411.06	3858401.99	0.04351	0.04693	0.04294	0.04236	3.94E-03	0.0002	8E-07	9.8E-05	0.00424	4.98E-03	0.000251	6.82E-07	5.73E-05	5.29E-03	0.004906	0.000216	5.57E-07	6.08E-05	0.005183
1429	495461.06	3858401.99	0.04335	0.04671	0.04283	0.04219	3.93E-03	0.0002	8E-07	9.8E-05	0.00422	4.96E-03	0.000249	6.81E-07	5.7E-05	5.27E-03	0.004888	0.000215	5.56E-07	6.06E-05	0.005163
1430	495511.06	3858401.99	0.04313	0.04642	0.04265	0.04197	3.91E-03	0.0002	8E-07	9.7E-05	0.0042	4.93E-03	0.000248	6.78E-07	5.67E-05	5.24E-03	0.004863	0.000213	5.54E-07	6.03E-05	0.005137
1431	495561.06	3858401.99	0.04258	0.04577	0.04228	0.04154	3.86E-03	0.00019	7.9E-07	9.6E-05	0.00415	4.87E-03	0.000244	6.72E-07	5.62E-05	5.17E-03	0.004801	0.00021	5.49E-07	5.97E-05	0.005071
1432	495611.06	3858401.99	0.04237	0.04551	0.04215	0.04136	3.84E-03	0.00019	7.9E-07	9.6E-05	0.00413	4.85E-03	0.000243	6.7E-07	5.59E-05	5.15E-03	0.004777	0.000209	5.47E-07	5.94E-05	0.005046
1433	495661.06	3858401.99	0.04265	0.04574	0.04227	0.04145	3.87E-03	0.00019	7.9E-07	9.6E-05	0.00416	4.88E-03	0.000244	6.72E-07	5.6E-05	5.18E-03	0.004809	0.00021	5.49E-07	5.95E-05	0.005079
1434	494311.06	3858451.99	0.05949	0.06659	0.05796	0.05655	5.39E-03	0.00028	1.1E-06	0.00013	0.0058	6.80E-03	0.000356	9.21E-07	7.65E-05	7.24E-03	0.006707	0.000306	7.52E-07	8.12E-05	0.007095
1435	494361.06	3858451.99	0.05864	0.06554	0.05717	0.05578	5.31E-03	0.00028	1.1E-06	0.00013	0.00572	6.71E-03	0.00035	9.09E-07	7.54E-05	7.13E-03	0.006612	0.000301	7.42E-07	8.01E-05	0.006993
1436	494411.06	3858451.99	0.05791	0.06466	0.05652	0.05512	5.25E-03	0.00027	1.1E-06	0.00013	0.00565	6.62E-03	0.000345	8.98E-07	7.45E-05	7.04E-03	0.006529	0.000297	7.34E-07	7.92E-05	0.006906
1437	494461.06	3858451.99	0.05729	0.06387	0.05595	0.05454	5.19E-03	0.00027	1E-06	0.00013	0.00559	6.55E-03	0.000341	8.89E-07	7.37E-05	6.97E-03	0.006459	0.000293	7.26E-07	7.83E-05	0.006832
1438	494511.06	3858451.99	0.05691	0.06339	0.05564	0.05418	5.16E-03	0.00027	1E-06	0.00013	0.00555	6.51E-03	0.000338	8.84E-07	7.33E-05	6.92E-03	0.006417	0.000291	7.22E-07	7.78E-05	0.006786
1439	494561.06	3858451.99	0.0561	0.0624	0.05488	0.05343	5.08E-03	0.00026	1E-06	0.00012	0.00547	6.42E-03	0.000333	8.72E-07	7.22E-05	6.82E-03	0.006325	0.000287	7.12E-07	7.67E-05	0.006689
1440	494611.06	3858451.99	0.0555	0.06165	0.05434	0.05288	5.03E-03	0.00026	1E-06	0.00012	0.00541	6.35E-03	0.000329	8.64E-07	7.15E-05	6.75E-03	0.006258	0.000283	7.05E-07	7.59E-05	0.006617
1441	494661.06	3858451.99	0.05485	0.06085	0.05374	0.05229	4.97E-03	0.00026	1E-06	0.00012	0.00535	6.27E-03	0.000325	8.54E-07	7.07E-05	6.67E-03	0.006184	0.000279	6.98E-07	7.51E-05	0.00654
1442	494711.06	3858451.99	0.05401	0.05983	0.05294	0.05154	4.89E-03	0.00025	9.9E-07	0.00012	0.00527	6.18E-03	0.000319	8.41E-07	6.97E-05	6.57E-03	0.00609	0.000275	6.87E-07	7.4E-05	0.006439
1443	494761.06	3858451.99	0.05316	0.05879	0.05213	0.05078	4.82E-03	0.00025	9.8E-07	0.00012	0.00518	6.08E-03	0.000314	8.29E-07	6.87E-05	6.46E-03	0.005994	0.00027	6.77E-07	7.29E-05	0.006337
1444	494811.06	3858451.99	0.05248	0.05797	0.0515	0.05017	4.76E-03	0.00025	9.6E-07	0.00012	0.00512	6.00E-03	0.00031	8.18E-07	6.78E-05	6.38E-03	0.005917	0.000266	6.68E-07	7.2E-05	0.006256
1445	494861.06	3858451.99	0.05172	0.05699	0.05077	0.0495	4.69E-03	0.00024	9.5E-07	0.00011	0.00504	5.92E-03	0.000304	8.07E-07	6.69E-05	6.29E-03	0.005831	0.000262	6.59E-07	7.11E-05	0.006165
1446	494911.06	3858451.99	0.05082	0.05593	0.04994	0.04861	4.61E-03	0.00024	9.3E-07	0.00011	0.00496	5.81E-03	0.000299	7.94E-07	6.57E-05	6.18E-03	0.00573	0.000257	6.48E-07	6.98E-05	0.006057
1447	494961.06	3858451.99	0.04997	0.05491	0.0491	0.04796	4.53E-03	0.00023	9.2E-07	0.00011	0.00487	5.72E-03	0.000293	7.8E-07	6.48E-05	6.07E-03	0.005634	0.000252	6.37E-07	6.89E-05	0.005956
1448	495011.06	3858451.99	0.04905	0.0538	0.04821	0.04716	4.45E-03	0.00023	9E-07	0.00011	0.00478	5.61E-03	0.000287	7.66E-07	6.38E-05	5.96E-03	0.00553	0.000247	6.26E-07	6.77E-05	0.005846
1449	495061.06	3858451.99	0.04863	0.05327	0.04782	0.04677	4.41E-03	0.00023	9E-07	0.00011	0.00474	5.56E-03	0.000284	7.6E-07	6.32E-05	5.91E-03	0.005483	0.000245	6.21E-07	6.72E-05	0.005795
1450	495111.06	3858451.99	0.04773	0.05221	0.04695	0.04599	4.33E-03	0.00022	8.8E-07	0.00011	0.00465	5.46E-03	0.000279	7.46E-07	6.22E-05	5.80E-03	0.005382	0.00024	6.09E-07	6.6E-05	0.005688
1451	495161.06	3858451.99	0.04674	0.05103	0.04598	0.04511	4.24E-03	0.00022	8.6E-07	0.0001	0.00456	5.35E-03	0.000272	7.31E-07	6.1E-05	5.68E-03	0.00527	0.000234	5.97E-07	6.48E-05	0.00557
1452	495211.06	3858451.99	0.04584	0.04998	0.04511	0.04432	4.15E-03	0.00021	8.4E-07	0.0001	0.00447	5.24E-03	0.000267	7.17E-07	5.99E-05	5.57E-03	0.005168	0.00023	5.86E-07	6.36E-05	0.005462
1453	495261.06	3858451.99	0.04527	0.04928	0.04457	0.0438	4.10E-03	0.00021	8.3E-07	0.0001	0.00441	5.18E-03	0.000263	7.08E-07	5.92E-05	5.50E-03	0.005104	0.000226	5.79E-07	6.29E-05	0.005394
1454	495311.06	3858451.99	0.0448	0.0487	0.04413	0.04336	4.06E-03	0.00021	8.3E-07	0.0001	0.00437	5.12E-03	0.00026	7.01E-07	5.86E-05	5.44E-03	0.005051	0.000224	5.73E-07	6.23E-05	0.005338
1455	495361.06	3858451.99	0.04441	0.04821	0.04377	0.043	4.02E-03	0.0002	8.2E-07	1E-04	0.00433	5.08E-03	0.000257	6.96E-07	5.81E-05	5.40E-03	0.005007	0.000221	5.68E-07	6.18E-05	0.005291
1456	495411.06	3858451.99	0.04424	0.04796	0.04364	0.04281	4.01E-03	0.0002	8.2E-07	9.9E-05	0.00431	5.06E-03	0.000256	6.94E-07	5.79E-05	5.37E-03	0.004988	0.00022	5.66E-07	6.15E-05	0.00527
1457	495461.06	3858451.99	0.04411	0.04777	0.04355	0.04266	4.00E-03	0.0002	8.2E-07	9.9E-05	0.0043	5.05E-03	0.000255	6.92E-07	5.77E-05	5.36E-03	0.004973	0.000219	5.65E-07	6.13E-05	0.005255
1458	495511.06	3858451.99	0.04364	0.0472	0.04312	0.04224	3.95E-03	0.0002	8.1E-07	9.8E-05	0.00425	4.99E-03	0.000252	6.85E-07	5.71E-05	5.30E-03	0.00492	0.000217	5.6E-07	6.07E-05	0.005198
1459	495561.06	3858451.99	0.04371	0.04722	0.04322	0.04225	3.96E-03	0.0002	8.1E-07	9.8E-05	0.00426	5.00E-03	0.000252	6.87E-07	5.71E-05	5.31E-03	0.004928	0.000217	5.61E-07	6.07E-05	0.005206
1460	495611.06	3858451.99	0.04314	0.04654	0.04268	0.04175	3.91E-03	0.0002	8E-07	9.7E-05	0.0042	4.93E-03	0.000249	6.78E-07	5.65E-05	5.24E-03	0.004864	0.000214	5.54E-07	6E-05	0.005138

1461	495661.06	3858451.99	0.04307	0.04642	0.04265	0.04166	3.90E-03	0.0002	8E-07	9.6E-05	0.0042	4.93E-03	0.000248	6.78E-07	5.63E-05	5.23E-03	0.004856	0.000213	5.54E-07	5.98E-05	0.00513
1462	494311.06	3858501.99	0.05959	0.0669	0.05793	0.05644	5.40E-03	0.00028	1.1E-06	0.00013	0.00582	6.82E-03	0.000357	9.21E-07	7.63E-05	7.25E-03	0.006719	0.000307	7.52E-07	8.11E-05	0.007108
1463	494361.06	3858501.99	0.05903	0.06621	0.05744	0.05592	5.35E-03	0.00028	1.1E-06	0.00013	0.00576	6.75E-03	0.000354	9.13E-07	7.56E-05	7.18E-03	0.006656	0.000304	7.46E-07	8.03E-05	0.007041
1464	494411.06	3858501.99	0.05838	0.06541	0.05686	0.05533	5.29E-03	0.00028	1.1E-06	0.00013	0.0057	6.68E-03	0.000349	9.04E-07	7.48E-05	7.10E-03	0.006582	0.0003	7.38E-07	7.95E-05	0.006963
1465	494461.06	3858501.99	0.05798	0.06489	0.05653	0.05494	5.25E-03	0.00027	1.1E-06	0.00013	0.00566	6.63E-03	0.000346	8.98E-07	7.43E-05	7.05E-03	0.006537	0.000298	7.34E-07	7.89E-05	0.006915
1466	494511.06	3858501.99	0.0571	0.06383	0.05571	0.05416	5.17E-03	0.00027	1E-06	0.00013	0.00557	6.53E-03	0.000341	8.85E-07	7.32E-05	6.95E-03	0.006438	0.000293	7.23E-07	7.78E-05	0.00681
1467	494561.06	3858501.99	0.05717	0.06387	0.05585	0.05417	5.18E-03	0.00027	1E-06	0.00013	0.00558	6.54E-03	0.000341	8.88E-07	7.32E-05	6.95E-03	0.006446	0.000293	7.25E-07	7.78E-05	0.006818
1468	494611.06	3858501.99	0.05642	0.06295	0.05516	0.0535	5.11E-03	0.00027	1E-06	0.00012	0.0055	6.45E-03	0.000336	8.77E-07	7.23E-05	6.86E-03	0.006361	0.000289	7.16E-07	7.68E-05	0.006728
1469	494661.06	3858501.99	0.05594	0.06234	0.05474	0.05304	5.07E-03	0.00026	1E-06	0.00012	0.00546	6.40E-03	0.000333	8.7E-07	7.17E-05	6.80E-03	0.006307	0.000286	7.11E-07	7.62E-05	0.00667
1470	494711.06	3858501.99	0.05507	0.06129	0.05393	0.05228	4.99E-03	0.00026	1E-06	0.00012	0.00537	6.30E-03	0.000327	8.57E-07	7.07E-05	6.70E-03	0.006209	0.000281	7E-07	7.51E-05	0.006566
1471	494761.06	3858501.99	0.0541	0.06012	0.05299	0.0514	4.90E-03	0.00025	9.9E-07	0.00012	0.00528	6.19E-03	0.000321	8.42E-07	6.95E-05	6.58E-03	0.0061	0.000276	6.88E-07	7.38E-05	0.00645
1472	494811.06	3858501.99	0.0532	0.05903	0.05214	0.05061	4.82E-03	0.00025	9.8E-07	0.00012	0.00519	6.08E-03	0.000315	8.29E-07	6.84E-05	6.47E-03	0.005998	0.000271	6.77E-07	7.27E-05	0.006343
1473	494861.06	3858501.99	0.05258	0.05827	0.05157	0.05005	4.76E-03	0.00025	9.7E-07	0.00012	0.00513	6.01E-03	0.000311	8.2E-07	6.77E-05	6.39E-03	0.005928	0.000268	6.69E-07	7.19E-05	0.006269
1474	494911.06	3858501.99	0.05135	0.05681	0.05037	0.04899	4.65E-03	0.00024	9.4E-07	0.00011	0.00501	5.87E-03	0.000303	8.01E-07	6.62E-05	6.24E-03	0.00579	0.000261	6.54E-07	7.04E-05	0.006122
1475	494961.06	3858501.99	0.05074	0.05601	0.0498	0.04843	4.60E-03	0.00024	9.3E-07	0.00011	0.00495	5.80E-03	0.000299	7.91E-07	6.55E-05	6.17E-03	0.005721	0.000257	6.46E-07	6.95E-05	0.006048
1476	495011.06	3858501.99	0.04969	0.05477	0.04879	0.04753	4.50E-03	0.00023	9.1E-07	0.00011	0.00485	5.68E-03	0.000292	7.75E-07	6.43E-05	6.04E-03	0.005603	0.000252	6.33E-07	6.83E-05	0.005923
1477	495061.06	3858501.99	0.04926	0.05422	0.0484	0.04713	4.46E-03	0.00023	9.1E-07	0.00011	0.0048	5.63E-03	0.00029	7.69E-07	6.37E-05	5.99E-03	0.005554	0.000249	6.28E-07	6.77E-05	0.005871
1478	495111.06	3858501.99	0.04797	0.05271	0.04712	0.04603	4.35E-03	0.00022	8.8E-07	0.00011	0.00468	5.49E-03	0.000281	7.49E-07	6.22E-05	5.83E-03	0.005409	0.000242	6.12E-07	6.61E-05	0.005717
1479	495161.06	3858501.99	0.04715	0.05173	0.04633	0.04532	4.27E-03	0.00022	8.7E-07	0.0001	0.0046	5.39E-03	0.000276	7.36E-07	6.13E-05	5.73E-03	0.005316	0.000238	6.01E-07	6.51E-05	0.005619
1480	495211.06	3858501.99	0.04636	0.05078	0.04557	0.04463	4.20E-03	0.00021	8.5E-07	0.0001	0.00452	5.30E-03	0.000271	7.24E-07	6.03E-05	5.63E-03	0.005227	0.000233	5.92E-07	6.41E-05	0.005525
1481	495261.06	3858501.99	0.0458	0.05011	0.04504	0.04411	4.15E-03	0.00021	8.4E-07	0.0001	0.00447	5.24E-03	0.000268	7.16E-07	5.96E-05	5.57E-03	0.005164	0.00023	5.85E-07	6.33E-05	0.005458
1482	495311.06	3858501.99	0.04548	0.04969	0.04476	0.04381	4.12E-03	0.00021	8.4E-07	0.0001	0.00443	5.20E-03	0.000265	7.11E-07	5.92E-05	5.53E-03	0.005128	0.000228	5.81E-07	6.29E-05	0.00542
1483	495361.06	3858501.99	0.04518	0.04931	0.0445	0.04352	4.09E-03	0.00021	8.3E-07	0.0001	0.0044	5.17E-03	0.000263	7.07E-07	5.88E-05	5.49E-03	0.005094	0.000226	5.78E-07	6.25E-05	0.005384
1484	495411.06	3858501.99	0.04498	0.04904	0.04435	0.04332	4.08E-03	0.00021	8.3E-07	0.0001	0.00438	5.14E-03	0.000262	7.05E-07	5.86E-05	5.47E-03	0.005071	0.000225	5.76E-07	6.22E-05	0.005359
1485	495461.06	3858501.99	0.04479	0.04877	0.04419	0.04312	4.06E-03	0.00021	8.3E-07	1E-04	0.00437	5.12E-03	0.00026	7.02E-07	5.83E-05	5.44E-03	0.00505	0.000224	5.74E-07	6.19E-05	0.005337
1486	495511.06	3858501.99	0.04449	0.04839	0.04393	0.04281	4.03E-03	0.0002	8.2E-07	9.9E-05	0.00434	5.09E-03	0.000258	6.98E-07	5.79E-05	5.41E-03	0.005016	0.000222	5.7E-07	6.15E-05	0.005301
1487	495561.06	3858501.99	0.04453	0.04838	0.04401	0.04283	4.04E-03	0.0002	8.2E-07	9.9E-05	0.00434	5.09E-03	0.000258	6.99E-07	5.79E-05	5.41E-03	0.005021	0.000222	5.71E-07	6.15E-05	0.005305
1488	495611.06	3858501.99	0.04402	0.04777	0.04374	0.04245	3.99E-03	0.0002	8.2E-07	9.8E-05	0.00429	5.03E-03	0.000255	6.95E-07	5.74E-05	5.35E-03	0.004963	0.000219	5.68E-07	6.1E-05	0.005244
1489	495661.06	3858501.99	0.04398	0.04766	0.04353	0.04228	3.99E-03	0.0002	8.1E-07	9.8E-05	0.00429	5.03E-03	0.000254	6.92E-07	5.72E-05	5.34E-03	0.004959	0.000219	5.65E-07	6.07E-05	0.005239
1490	494311.06	3858551.99	0.0585	0.06581	0.05696	0.05539	5.30E-03	0.00028	1.1E-06	0.00013	0.00571	6.69E-03	0.000351	9.05E-07	7.49E-05	7.12E-03	0.006596	0.000302	7.39E-07	7.95E-05	0.006978
1491	494361.06	3858551.99	0.05886	0.0662	0.0574	0.05564	5.33E-03	0.00028	1.1E-06	0.00013	0.00574	6.73E-03	0.000353	9.12E-07	7.52E-05	7.16E-03	0.006636	0.000304	7.45E-07	7.99E-05	0.007021
1492	494411.06	3858551.99	0.0592	0.06654	0.05756	0.05586	5.36E-03	0.00028	1.1E-06	0.00013	0.00578	6.77E-03	0.000355	9.15E-07	7.55E-05	7.20E-03	0.006675	0.000306	7.47E-07	8.02E-05	0.007061
1493	494461.06	3858551.99	0.05902	0.0663	0.05746	0.05566	5.35E-03	0.00028	1.1E-06	0.00013	0.00576	6.75E-03	0.000354	9.13E-07	7.53E-05	7.18E-03	0.006654	0.000304	7.46E-07	7.99E-05	0.00704
1494	494511.06	3858551.99	0.05854	0.0657	0.05704	0.05521	5.31E-03	0.00028	1.1E-06	0.00013	0.00571	6.70E-03	0.000351	9.07E-07	7.46E-05	7.12E-03	0.0066	0.000302	7.4E-07	7.93E-05	0.006982
1495	494561.06	3858551.99	0.05814	0.0652	0.05672	0.05484	5.27E-03	0.00028	1.1E-06	0.00013	0.00567	6.65E-03	0.000348	9.01E-07	7.41E-05	7.07E-03	0.006555	0.000299	7.36E-07	7.88E-05	0.006934
1496	494611.06	3858551.99	0.05755	0.06447	0.05619	0.05429	5.22E-03	0.00027	1.1E-06	0.00013	0.00561	6.58E-03	0.000344	8.93E-07	7.34E-05	7.00E-03	0.006489	0.000296	7.29E-07	7.8E-05	0.006864
1497	494661.06	3858551.99	0.05702	0.06382	0.05573	0.05381	5.17E-03	0.00027	1E-06	0.00012	0.00556	6.52E-03	0.000341	8.86E-07	7.28E-05	6.94E-03	0.006429	0.000293	7.23E-07	7.73E-05	0.0068
1498	494711.06	3858551.99	0.05606	0.06265	0.05482	0.05295	5.08E-03	0.00027	1E-06	0.00012	0.00547	6.41E-03	0.000335	8.71E-07	7.16E-05	6.82E-03	0.006321	0.000288	7.12E-07	7.6E-05	0.006685
1499	494761.06	3858551.99	0.05511	0.0615	0.05392	0.05211	4.99E-03	0.00026	1E-06	0.00012	0.00538	6.30E-03	0.000328	8.57E-07	7.05E-05	6.70E-03	0.006214	0.000282	7E-07	7.48E-05	0.006572
1500	494811.06	3858551.99	0.05437	0.06061	0.05324	0.05145	4.93E-03	0.00026	1E-06	0.00012	0.0053	6.22E-03	0.000324	8.46E-07	6.96E-05	6.61E-03	0.00613	0.000278	6.91E-07	7.39E-05	0.006483
1501	494861.06	3858551.99	0.05343	0.05947	0.05234	0.05062	4.84E-03	0.00025	9.8E-07	0.00012	0.00521	6.11E-03	0.000318	8.32E-07	6.84E-05	6.50E-03	0.006024	0.000273	6.79E-07	7.27E-05	0.006371
1502	494911.06	3858551.99	0.05235	0.05817	0.0513	0.04966	4.74E-03	0.00025	9.6E-07	0.00012	0.00511	5.99E-03	0.000311	8.15E-07	6.71E-05	6.37E-03	0.005902	0.000267	6.66E-07	7.13E-05	0.006242
1503	494961.06	3858551.99	0.0515	0.05715	0.05049	0.04892	4.67E-03	0.00024	9.5E-07	0.00011	0.00502	5.89E-03	0.000305	8.02E-07	6.61E-05	6.26E-03	0.005807	0.000262	6.55E-07	7.03E-05	0.00614
1504	495011.06	3858551.99	0.05041	0.05585	0.04944	0.04797	4.57E-03	0.00024	9.3E-07	0.00011	0.00492	5.77E-03	0.000298	7.86E-07	6.49E-05	6.13E-03	0.005684	0.000256	6.42E-07	6.89E-05	0.00601
1505	495061.06	3858551.99	0.04976	0.05501	0.04883	0.04739	4.51E-03	0.00023	9.1E-07	0.00011	0.00485	5.69E-03	0.000294	7.76E-07	6.41E-05	6.05E-03	0.00561	0.000253	6.34E-07	6.81E-05	0.005932
1506	495111.06	3858551.99	0.04847	0.0535	0.04756	0.04629	4.39E-03	0.00023	8.9E-07	0.00011	0.00473	5.54E-03	0.000286	7.56E-07	6.26E-05	5.89E-03	0.005465	0.000246	6.17E-07	6.65E-05	0.005778
1507	495161.06	3858551.99	0.04764	0.05251	0.04677	0.04557	4.32E-03	0.00022	8.8E-07	0.00011	0.00465	5.45E-03	0.00028	7.43E-07	6.16E-05	5.79E-03	0.005371	0.000241	6.07E-07	6.54E-05	0.005679
1508	495211.06	3858551.99	0.04692	0.05165	0.04608	0.04494	4.25E-03	0.00022	8.6E-07	0.0001	0.00458	5.37E-03	0.000276	7.32E-07	6.08E-05	5.70E-03	0.00529	0.000237	5.98E-07	6.45E-05	0.005593
1509	495261.06	3858551.99	0.04643	0.05104	0.04562	0.0445	4.21E-03	0.00022	8.5E-07	0.0001	0.00453	5.31E-03	0.000273	7.25E-07	6.02E-05	5.64E-03	0.005235	0.000234	5.92E-07	6.39E-05	0.005534
1510	495311.06	3858551.99	0.04618	0.05072	0.04542	0.04426	4.18E-03	0.00021	8.5E-07	0.0001	0.0045	5.28E-03	0.000271	7.22E-07	5.98E-05	5.61E-03	0.005207	0.000233	5.9E-07	6.36E-05	0.005504
1511	495361.06	3858551.99	0.04589	0.05034	0.04517	0.04398	4.16E-03	0.00021	8.5E-07	0.0001	0.00447	5.25E-03	0.000269	7.18E-07	5.95E-05	5.58E-03	0.005174	0.000231	5.86E-07	6.32E-05	0.005469
1512	495411.06	3858551.99	0.04576	0.05015	0.04508	0.04383	4.15E-03	0.00021	8.4E-07	0.0001	0.00446	5.23E-03	0.000268	7.16E-07	5.93E-05	5.56E-03	0.005159	0.00023	5.85E-07	6.29E-05	0.005453
1513	495461.06	3858551.99	0.04552	0.04983	0.04489	0.0436	4.13E-03	0.00021	8.4E-07	0.0001	0.00444	5.21E-03	0.000266	7.13E-07	5.9E-05	5.53E-03	0.005132	0.000229	5.83E-07	6.26E-05	0.005424
1514	495511.06	3858551.99	0.04541	0.04966	0.04482	0.04347	4.12E-03	0.00021	8.4E-07	0.0001	0.00443	5.19E-03	0.000265	7.12E-07	5.88E-05	5.52E-03	0.00512	0.000228	5.82E-07	6.24E-05	0.005411
1515	495561.06	3858551.99	0.04517	0.04934	0.04462	0.04324	4.09E-03	0.00021	8.4E-07	0.0001	0.0044	5.17E-03	0.000263	7.09E-07	5.85E-05	5.49E-03	0.005093	0.000227	5.79E-07	6.21E-05	0.005382
1516	495611.06	3858551.99	0.04487	0.04895	0.04435	0.04295	4.07E-03	0.00021	8.3E-07	9.9E-05	0.00437	5.13E-03	0.000261	7.05E-07	5.81E-05	5.45E-03	0.005059	0.000225	5.76E-07	6.17E-05	0.005346
1517	495661.06	3858551.99	0.04452	0.04851	0.04404	0.04263	4.03E-03	0.00021	8.2E-07	9.9E-05	0.00434	5.09E-03	0.000259	7E-07	5.76E-05	5.41E-03	0.00502	0.000223	5.72E-07	6.12E-05	0.005304
1518	494311.06	3858601.99	0.05546	0.06232	0.05349	0.05266	5.03E-03	0.00026	1E-06	0.00012	0.00541	6.34E-03	0.000333	8.5E-07	7.12E-05	6.75E-03	0.006253	0.000286	6.94E-07	7.56E-05	0.006616
1519	494361.06	3858601.99	0.05831	0.06569	0.05671	0.05505	5.28E-03	0.00028	1.1E-06	0.00013	0.00569	6.67E-03	0.000351	9.01E-07	7.44E-05	7.10E-03	0.006574	0.000302	7.36E-07	7.91E-05	0.006956
1520	494411.06	3858601.99	0.06036	0.06805	0.05858	0.05674	5.47E-03	0.00029	1.1E-06	0.00013	0.00589	6.90E-03	0.000363	9.31E-07	7.67E-05	7.34E-03	0.006806	0.000313	7.6E-07	8.15E-05	0.0072
1521	494461.06	3858601.99	0.06014	0.06777	0.05844	0.05652	5.45E-03	0.00029	1.1E-06	0.00013	0.00587	6.88E-03	0.000362	9.29E-07	7.64E-05	7.32E-03	0.006781	0.000311	7.59E-07	8.12E-05	0.007174

1522	494511.06	3858601.99	0.0594	0.06689	0.05782	0.05569	5.38E-03	0.00028	1.1E-06	0.00013	0.0058	6.79E-03	0.000357	9.19E-07	7.53E-05	7.23E-03	0.006697	0.000307	7.51E-07	8E-05	0.007085
1523	494561.06	3858601.99	0.05938	0.06682	0.05784	0.0558	5.38E-03	0.00028	1.1E-06	0.00013	0.00579	6.79E-03	0.000357	9.19E-07	7.54E-05	7.22E-03	0.006695	0.000307	7.51E-07	8.01E-05	0.007083
1524	494611.06	3858601.99	0.05857	0.06584	0.0571	0.05507	5.31E-03	0.00028	1.1E-06	0.00013	0.00571	6.70E-03	0.000352	9.07E-07	7.45E-05	7.13E-03	0.006604	0.000302	7.41E-07	7.91E-05	0.006986
1525	494661.06	3858601.99	0.05798	0.06512	0.05658	0.05453	5.25E-03	0.00028	1.1E-06	0.00013	0.00566	6.63E-03	0.000348	8.99E-07	7.37E-05	7.05E-03	0.006537	0.000299	7.34E-07	7.83E-05	0.006915
1526	494711.06	3858601.99	0.05708	0.06402	0.05574	0.05369	5.17E-03	0.00027	1E-06	0.00012	0.00557	6.53E-03	0.000342	8.86E-07	7.26E-05	6.94E-03	0.006436	0.000294	7.24E-07	7.71E-05	0.006808
1527	494761.06	3858601.99	0.05618	0.06294	0.0549	0.05288	5.09E-03	0.00027	1E-06	0.00012	0.00548	6.43E-03	0.000336	8.73E-07	7.15E-05	6.83E-03	0.006334	0.000289	7.13E-07	7.59E-05	0.0067
1528	494811.06	3858601.99	0.05486	0.06135	0.05363	0.05172	4.97E-03	0.00026	1E-06	0.00012	0.00535	6.27E-03	0.000328	8.52E-07	6.99E-05	6.67E-03	0.006185	0.000282	6.96E-07	7.43E-05	0.006542
1529	494861.06	3858601.99	0.05415	0.06049	0.05297	0.05109	4.91E-03	0.00026	9.9E-07	0.00012	0.00528	6.19E-03	0.000323	8.42E-07	6.91E-05	6.59E-03	0.006105	0.000278	6.88E-07	7.34E-05	0.006457
1530	494911.06	3858601.99	0.05292	0.05902	0.05179	0.05002	4.80E-03	0.00025	9.7E-07	0.00012	0.00516	6.05E-03	0.000315	8.23E-07	6.76E-05	6.44E-03	0.005967	0.000271	6.72E-07	7.18E-05	0.00631
1531	494961.06	3858601.99	0.05206	0.05799	0.05098	0.04924	4.72E-03	0.00025	9.5E-07	0.00011	0.00508	5.95E-03	0.00031	8.1E-07	6.66E-05	6.33E-03	0.00587	0.000266	6.62E-07	7.07E-05	0.006207
1532	495011.06	3858601.99	0.05117	0.05692	0.05013	0.04846	4.64E-03	0.00024	9.4E-07	0.00011	0.00499	5.85E-03	0.000304	7.97E-07	6.55E-05	6.22E-03	0.005769	0.000261	6.51E-07	6.96E-05	0.006101
1533	495061.06	3858601.99	0.05024	0.05581	0.04924	0.04765	4.55E-03	0.00024	9.2E-07	0.00011	0.0049	5.75E-03	0.000298	7.83E-07	6.44E-05	6.11E-03	0.005665	0.000256	6.39E-07	6.84E-05	0.00599
1534	495111.06	3858601.99	0.04886	0.05419	0.04789	0.04647	4.43E-03	0.00023	9E-07	0.00011	0.00477	5.59E-03	0.000289	7.61E-07	6.28E-05	5.94E-03	0.005509	0.000249	6.22E-07	6.67E-05	0.005825
1535	495161.06	3858601.99	0.04814	0.05327	0.04721	0.04584	4.36E-03	0.00023	8.8E-07	0.00011	0.00469	5.51E-03	0.000284	7.5E-07	6.2E-05	5.85E-03	0.005428	0.000245	6.13E-07	6.58E-05	0.005739
1536	495211.06	3858601.99	0.04768	0.0527	0.04678	0.04542	4.32E-03	0.00022	8.8E-07	0.00011	0.00465	5.45E-03	0.000281	7.43E-07	6.14E-05	5.80E-03	0.005376	0.000242	6.07E-07	6.52E-05	0.005684
1537	495261.06	3858601.99	0.04714	0.05205	0.04629	0.04494	4.27E-03	0.00022	8.7E-07	0.0001	0.0046	5.39E-03	0.000278	7.36E-07	6.08E-05	5.73E-03	0.005315	0.000239	6.01E-07	6.45E-05	0.005619
1538	495311.06	3858601.99	0.04676	0.05157	0.04594	0.04458	4.24E-03	0.00022	8.6E-07	0.0001	0.00456	5.35E-03	0.000275	7.3E-07	6.03E-05	5.68E-03	0.005272	0.000237	5.96E-07	6.4E-05	0.005574
1539	495361.06	3858601.99	0.04655	0.05129	0.04578	0.04437	4.22E-03	0.00022	8.6E-07	0.0001	0.00454	5.32E-03	0.000274	7.28E-07	6E-05	5.66E-03	0.005248	0.000236	5.94E-07	6.37E-05	0.005548
1540	495411.06	3858601.99	0.04634	0.05101	0.04561	0.04416	4.20E-03	0.00022	8.5E-07	0.0001	0.00452	5.30E-03	0.000272	7.25E-07	5.97E-05	5.63E-03	0.005225	0.000234	5.92E-07	6.34E-05	0.005523
1541	495461.06	3858601.99	0.04617	0.05079	0.04549	0.04399	4.18E-03	0.00021	8.5E-07	0.0001	0.0045	5.28E-03	0.000271	7.23E-07	5.95E-05	5.61E-03	0.005206	0.000233	5.9E-07	6.32E-05	0.005503
1542	495511.06	3858601.99	0.04578	0.05029	0.04513	0.04363	4.15E-03	0.00021	8.4E-07	0.0001	0.00446	5.24E-03	0.000269	7.17E-07	5.9E-05	5.56E-03	0.005162	0.000231	5.86E-07	6.27E-05	0.005456
1543	495561.06	3858601.99	0.04572	0.05018	0.04511	0.04355	4.14E-03	0.00021	8.4E-07	0.0001	0.00446	5.23E-03	0.000268	7.17E-07	5.89E-05	5.56E-03	0.005155	0.00023	5.86E-07	6.25E-05	0.005448
1544	495611.06	3858601.99	0.04524	0.0496	0.04467	0.04312	4.10E-03	0.00021	8.4E-07	1E-04	0.00441	5.17E-03	0.000265	7.1E-07	5.83E-05	5.50E-03	0.005101	0.000228	5.8E-07	6.19E-05	0.005391
1545	495661.06	3858601.99	0.04511	0.04941	0.04459	0.04298	4.09E-03	0.00021	8.3E-07	1E-04	0.0044	5.16E-03	0.000264	7.09E-07	5.81E-05	5.48E-03	0.005086	0.000227	5.79E-07	6.17E-05	0.005375
1546	494311.06	3858651.99	0.05479	0.06163	0.05267	0.05193	4.97E-03	0.00026	9.9E-07	0.00012	0.00535	6.27E-03	0.000329	8.37E-07	7.02E-05	6.67E-03	0.006178	0.000283	6.84E-07	7.46E-05	0.006536
1547	494361.06	3858651.99	0.05757	0.06492	0.05582	0.05426	5.22E-03	0.00027	1E-06	0.00013	0.00562	6.58E-03	0.000347	8.87E-07	7.34E-05	7.01E-03	0.006491	0.000298	7.25E-07	7.79E-05	0.006868
1548	494411.06	3858651.99	0.06073	0.06866	0.05904	0.05694	5.50E-03	0.00029	1.1E-06	0.00013	0.00593	6.95E-03	0.000367	9.38E-07	7.7E-05	7.39E-03	0.006847	0.000315	7.66E-07	8.18E-05	0.007245
1549	494461.06	3858651.99	0.06097	0.06888	0.05913	0.05714	5.53E-03	0.00029	1.1E-06	0.00013	0.00595	6.97E-03	0.000368	9.4E-07	7.73E-05	7.42E-03	0.006874	0.000316	7.68E-07	8.21E-05	0.007273
1550	494511.06	3858651.99	0.06048	0.06827	0.05871	0.05668	5.48E-03	0.00029	1.1E-06	0.00013	0.0059	6.92E-03	0.000365	9.33E-07	7.66E-05	7.36E-03	0.006819	0.000314	7.62E-07	8.14E-05	0.007215
1551	494561.06	3858651.99	0.06015	0.06787	0.05847	0.05638	5.45E-03	0.00029	1.1E-06	0.00013	0.00587	6.88E-03	0.000362	9.29E-07	7.62E-05	7.32E-03	0.006782	0.000312	7.59E-07	8.1E-05	0.007175
1552	494611.06	3858651.99	0.05967	0.06728	0.05807	0.05593	5.41E-03	0.00028	1.1E-06	0.00013	0.00582	6.82E-03	0.000359	9.23E-07	7.56E-05	7.26E-03	0.006728	0.000309	7.54E-07	8.03E-05	0.007118
1553	494661.06	3858651.99	0.05892	0.06637	0.0574	0.05525	5.34E-03	0.00028	1.1E-06	0.00013	0.00575	6.74E-03	0.000354	9.12E-07	7.47E-05	7.17E-03	0.006643	0.000305	7.45E-07	7.93E-05	0.007028
1554	494711.06	3858651.99	0.05789	0.06513	0.05644	0.05432	5.25E-03	0.00028	1.1E-06	0.00013	0.00565	6.62E-03	0.000348	8.97E-07	7.34E-05	7.04E-03	0.006527	0.000299	7.33E-07	7.8E-05	0.006905
1555	494761.06	3858651.99	0.05709	0.06416	0.05571	0.05359	5.17E-03	0.00027	1E-06	0.00012	0.00557	6.53E-03	0.000343	8.85E-07	7.25E-05	6.95E-03	0.006437	0.000295	7.23E-07	7.7E-05	0.006809
1556	494811.06	3858651.99	0.05591	0.06274	0.05459	0.05254	5.07E-03	0.00027	1E-06	0.00012	0.00545	6.39E-03	0.000335	8.68E-07	7.1E-05	6.80E-03	0.006304	0.000288	7.09E-07	7.55E-05	0.006668
1557	494861.06	3858651.99	0.05483	0.06144	0.05356	0.05155	4.97E-03	0.00026	1E-06	0.00012	0.00535	6.27E-03	0.000328	8.51E-07	6.97E-05	6.67E-03	0.006182	0.000282	6.95E-07	7.4E-05	0.006539
1558	494911.06	3858651.99	0.05363	0.06002	0.05242	0.0505	4.86E-03	0.00025	9.8E-07	0.00012	0.00523	6.13E-03	0.00032	8.33E-07	6.83E-05	6.52E-03	0.006047	0.000276	6.8E-07	7.25E-05	0.006396
1559	494961.06	3858651.99	0.05256	0.05873	0.0514	0.04956	4.76E-03	0.00025	9.6E-07	0.00011	0.00513	6.01E-03	0.000314	8.17E-07	6.7E-05	6.39E-03	0.005926	0.00027	6.67E-07	7.12E-05	0.006268
1560	495011.06	3858651.99	0.05174	0.05774	0.05062	0.04883	4.69E-03	0.00024	9.5E-07	0.00011	0.00505	5.92E-03	0.000308	8.05E-07	6.6E-05	6.29E-03	0.005834	0.000265	6.57E-07	7.01E-05	0.00617
1561	495061.06	3858651.99	0.0508	0.05662	0.04972	0.04799	4.60E-03	0.00024	9.3E-07	0.00011	0.00496	5.81E-03	0.000302	7.9E-07	6.49E-05	6.18E-03	0.005728	0.00026	6.45E-07	6.89E-05	0.006057
1562	495111.06	3858651.99	0.0497	0.05532	0.04866	0.04704	4.50E-03	0.00023	9.1E-07	0.00011	0.00485	5.68E-03	0.000295	7.73E-07	6.36E-05	6.04E-03	0.005604	0.000254	6.32E-07	6.76E-05	0.005926
1563	495161.06	3858651.99	0.04901	0.05449	0.04802	0.04643	4.44E-03	0.00023	9E-07	0.00011	0.00478	5.61E-03	0.000291	7.63E-07	6.28E-05	5.96E-03	0.005526	0.00025	6.23E-07	6.67E-05	0.005843
1564	495211.06	3858651.99	0.04819	0.05351	0.04723	0.04571	4.37E-03	0.00023	8.8E-07	0.00011	0.0047	5.51E-03	0.000286	7.51E-07	6.18E-05	5.86E-03	0.005433	0.000246	6.13E-07	6.56E-05	0.005745
1565	495261.06	3858651.99	0.04796	0.05322	0.04705	0.04548	4.35E-03	0.00023	8.8E-07	0.00011	0.00468	5.49E-03	0.000284	7.48E-07	6.15E-05	5.83E-03	0.005407	0.000244	6.11E-07	6.53E-05	0.005718
1566	495311.06	3858651.99	0.04755	0.05271	0.04668	0.04511	4.31E-03	0.00022	8.7E-07	0.0001	0.00464	5.44E-03	0.000281	7.42E-07	6.1E-05	5.78E-03	0.005361	0.000242	6.06E-07	6.48E-05	0.005669
1567	495361.06	3858651.99	0.04731	0.05241	0.04649	0.04488	4.29E-03	0.00022	8.7E-07	0.0001	0.00461	5.41E-03	0.00028	7.39E-07	6.07E-05	5.75E-03	0.005334	0.000241	6.03E-07	6.45E-05	0.00564
1568	495411.06	3858651.99	0.04717	0.0522	0.04639	0.04472	4.27E-03	0.00022	8.7E-07	0.0001	0.0046	5.40E-03	0.000279	7.37E-07	6.05E-05	5.74E-03	0.005318	0.00024	6.02E-07	6.42E-05	0.005623
1569	495461.06	3858651.99	0.04713	0.05213	0.0464	0.04466	4.27E-03	0.00022	8.7E-07	0.0001	0.0046	5.39E-03	0.000278	7.37E-07	6.04E-05	5.73E-03	0.005314	0.000239	6.02E-07	6.41E-05	0.005618
1570	495511.06	3858651.99	0.04666	0.0515	0.04597	0.04423	4.23E-03	0.00022	8.6E-07	0.0001	0.00455	5.34E-03	0.000275	7.31E-07	5.98E-05	5.67E-03	0.005261	0.000237	5.97E-07	6.35E-05	0.005562
1571	495561.06	3858651.99	0.04632	0.05107	0.04567	0.04392	4.20E-03	0.00022	8.5E-07	0.0001	0.00452	5.30E-03	0.000273	7.26E-07	5.94E-05	5.63E-03	0.005223	0.000235	5.93E-07	6.31E-05	0.005521
1572	495611.06	3858651.99	0.04577	0.05041	0.04515	0.04344	4.15E-03	0.00021	8.5E-07	0.0001	0.00446	5.24E-03	0.000269	7.18E-07	5.87E-05	5.56E-03	0.005161	0.000232	5.86E-07	6.24E-05	0.005455
1573	495661.06	3858651.99	0.04562	0.05019	0.04504	0.04328	4.13E-03	0.00021	8.4E-07	0.0001	0.00445	5.22E-03	0.000268	7.16E-07	5.85E-05	5.55E-03	0.005144	0.00023	5.85E-07	6.22E-05	0.005437
1574	494311.06	3858701.99	0.05547	0.06251	0.0532	0.05231	5.03E-03	0.00026	1E-06	0.00012	0.00541	6.34E-03	0.000334	8.46E-07	7.07E-05	6.75E-03	0.006254	0.000287	6.91E-07	7.51E-05	0.006617
1575	494361.06	3858701.99	0.05932	0.0671	0.05738	0.05559	5.38E-03	0.00028	1.1E-06	0.00013	0.00579	6.78E-03	0.000358	9.12E-07	7.52E-05	7.22E-03	0.006688	0.000308	7.45E-07	7.98E-05	0.007077
1576	494411.06	3858701.99	0.06148	0.06967	0.0596	0.05749	5.57E-03	0.00029	1.1E-06	0.00013	0.006	7.03E-03	0.000372	9.47E-07	7.77E-05	7.48E-03	0.006932	0.00032	7.74E-07	8.26E-05	0.007335
1577	494461.06	3858701.99	0.06142	0.06959	0.05963	0.05744	5.57E-03	0.00029	1.1E-06	0.00013	0.00599	7.03E-03	0.000372	9.48E-07	7.77E-05	7.48E-03	0.006925	0.00032	7.74E-07	8.25E-05	0.007328
1578	494511.06	3858701.99	0.06131	0.06938	0.05938	0.05735	5.56E-03	0.00029	1.1E-06	0.00013	0.00598	7.01E-03	0.00037	9.44E-07	7.75E-05	7.46E-03	0.006913	0.000319	7.71E-07	8.24E-05	0.007314
1579	494561.06	3858701.99	0.06085	0.06881	0.05901	0.05693	5.51E-03	0.00029	1.1E-06	0.00013	0.00594	6.96E-03	0.000367	9.38E-07	7.7E-05	7.41E-03	0.006861	0.000316	7.66E-07	8.18E-05	0.007259
1580	494611.06	3858701.99	0.05963	0.06733	0.05788	0.05581	5.40E-03	0.00028	1.1E-06	0.00013	0.00582	6.82E-03	0.00036	9.2E-07	7.55E-05	7.26E-03	0.006723	0.000309	7.51E-07	8.01E-05	0.007113
1581	494661.06	3858701.99	0.05951	0.06718	0.05784	0.05569	5.39E-03	0.00028	1.1E-06	0.00013	0.00581	6.81E-03	0.000359	9.19E-07	7.53E-05	7.24E-03	0.00671	0.000309	7.51E-07	8E-05	0.007099
1582	494711.06	3858701.99	0.05693	0.0641	0.05536	0.05338	5.16E-03	0.00027	1E-06	0.00012	0.00555	6.51E-03	0.000342	8.8E-07	7.22E-05	6.93E-03	0.006419	0.000294	7.19E-07	7.67E-05	0.006791

1583	494761.06	3858701.99	0.05742	0.06466	0.05592	0.05379	5.20E-03	0.00027	1E-06	0.00012	0.0056	6.57E-03	0.000345	8.89E-07	7.27E-05	6.99E-03	0.006474	0.000297	7.26E-07	7.72E-05	0.006849
1584	494811.06	3858701.99	0.05624	0.06325	0.05481	0.05273	5.10E-03	0.00027	1E-06	0.00012	0.00549	6.43E-03	0.000338	8.71E-07	7.13E-05	6.84E-03	0.006341	0.00029	7.11E-07	7.57E-05	0.006708
1585	494861.06	3858701.99	0.0553	0.06212	0.05393	0.05188	5.01E-03	0.00026	1E-06	0.00012	0.0054	6.33E-03	0.000332	8.57E-07	7.01E-05	6.73E-03	0.006235	0.000285	7E-07	7.45E-05	0.006596
1586	494911.06	3858701.99	0.05448	0.06113	0.05318	0.05112	4.94E-03	0.00026	1E-06	0.00012	0.00532	6.23E-03	0.000326	8.45E-07	6.91E-05	6.63E-03	0.006143	0.000281	6.9E-07	7.34E-05	0.006497
1587	494961.06	3858701.99	0.05287	0.05922	0.05161	0.0497	4.79E-03	0.00025	9.7E-07	0.00012	0.00516	6.05E-03	0.000316	8.2E-07	6.72E-05	6.43E-03	0.005961	0.000272	6.7E-07	7.14E-05	0.006305
1588	495011.06	3858701.99	0.05185	0.05801	0.05065	0.04881	4.70E-03	0.00025	9.5E-07	0.00011	0.00506	5.93E-03	0.00031	8.05E-07	6.6E-05	6.31E-03	0.005846	0.000266	6.57E-07	7.01E-05	0.006183
1589	495061.06	3858701.99	0.0514	0.05746	0.05025	0.0484	4.66E-03	0.00024	9.4E-07	0.00011	0.00501	5.88E-03	0.000307	7.99E-07	6.54E-05	6.25E-03	0.005795	0.000264	6.52E-07	6.95E-05	0.006129
1590	495111.06	3858701.99	0.05022	0.05606	0.04912	0.04738	4.55E-03	0.00024	9.2E-07	0.00011	0.0049	5.74E-03	0.000299	7.81E-07	6.41E-05	6.11E-03	0.005662	0.000257	6.38E-07	6.8E-05	0.005988
1591	495161.06	3858701.99	0.04964	0.05536	0.04858	0.04684	4.50E-03	0.00023	9.1E-07	0.00011	0.00484	5.68E-03	0.000296	7.72E-07	6.33E-05	6.04E-03	0.005597	0.000254	6.31E-07	6.73E-05	0.005919
1592	495211.06	3858701.99	0.04885	0.05442	0.04783	0.04614	4.43E-03	0.00023	9E-07	0.00011	0.00476	5.59E-03	0.000291	7.6E-07	6.24E-05	5.94E-03	0.005508	0.00025	6.21E-07	6.63E-05	0.005825
1593	495261.06	3858701.99	0.04865	0.05416	0.04768	0.04594	4.41E-03	0.00023	8.9E-07	0.00011	0.00475	5.56E-03	0.000289	7.58E-07	6.21E-05	5.92E-03	0.005485	0.000249	6.19E-07	6.6E-05	0.005801
1594	495311.06	3858701.99	0.04846	0.05392	0.04754	0.04575	4.39E-03	0.00023	8.9E-07	0.00011	0.00473	5.54E-03	0.000288	7.56E-07	6.19E-05	5.89E-03	0.005464	0.000248	6.17E-07	6.57E-05	0.005778
1595	495361.06	3858701.99	0.04814	0.05352	0.04726	0.04545	4.36E-03	0.00023	8.8E-07	0.00011	0.0047	5.51E-03	0.000286	7.51E-07	6.15E-05	5.85E-03	0.005428	0.000246	6.13E-07	6.53E-05	0.005739
1596	495411.06	3858701.99	0.04806	0.0534	0.04724	0.04536	4.36E-03	0.00023	8.8E-07	0.00011	0.00469	5.50E-03	0.000285	7.51E-07	6.13E-05	5.84E-03	0.005419	0.000245	6.13E-07	6.51E-05	0.00573
1597	495461.06	3858701.99	0.04783	0.0531	0.04704	0.04513	4.33E-03	0.00022	8.8E-07	0.0001	0.00466	5.47E-03	0.000284	7.48E-07	6.1E-05	5.82E-03	0.005393	0.000244	6.11E-07	6.48E-05	0.005702
1598	495511.06	3858701.99	0.04745	0.05264	0.04671	0.04478	4.30E-03	0.00022	8.7E-07	0.0001	0.00463	5.43E-03	0.000281	7.42E-07	6.05E-05	5.77E-03	0.00535	0.000242	6.06E-07	6.43E-05	0.005657
1599	495561.06	3858701.99	0.047	0.05208	0.04629	0.04437	4.26E-03	0.00022	8.7E-07	0.0001	0.00458	5.38E-03	0.000278	7.36E-07	6E-05	5.71E-03	0.005299	0.000239	6.01E-07	6.37E-05	0.005603
1600	495611.06	3858701.99	0.04653	0.05151	0.04586	0.04395	4.22E-03	0.00022	8.6E-07	0.0001	0.00454	5.32E-03	0.000275	7.29E-07	5.94E-05	5.66E-03	0.005246	0.000237	5.95E-07	6.31E-05	0.005547
1601	495661.06	3858701.99	0.04625	0.05116	0.04562	0.04369	4.19E-03	0.00022	8.5E-07	0.0001	0.00451	5.29E-03	0.000273	7.25E-07	5.91E-05	5.62E-03	0.005215	0.000235	5.92E-07	6.27E-05	0.005513
1602	494311.06	3858751.99	0.05639	0.06371	0.05399	0.05278	5.11E-03	0.00027	1E-06	0.00012	0.0055	6.45E-03	0.00034	8.58E-07	7.14E-05	6.86E-03	0.006358	0.000293	7.01E-07	7.58E-05	0.006727
1603	494361.06	3858751.99	0.06077	0.06895	0.05862	0.05674	5.51E-03	0.00029	1.1E-06	0.00013	0.00593	6.95E-03	0.000368	9.32E-07	7.67E-05	7.40E-03	0.006852	0.000317	7.61E-07	8.15E-05	0.007251
1604	494411.06	3858751.99	0.06236	0.07085	0.06025	0.05821	5.65E-03	0.0003	1.1E-06	0.00013	0.00609	7.13E-03	0.000378	9.58E-07	7.87E-05	7.59E-03	0.007031	0.000325	7.82E-07	8.36E-05	0.007441
1605	494461.06	3858751.99	0.06228	0.07073	0.06025	0.05816	5.64E-03	0.0003	1.1E-06	0.00013	0.00608	7.12E-03	0.000378	9.58E-07	7.86E-05	7.58E-03	0.007022	0.000325	7.82E-07	8.35E-05	0.007431
1606	494511.06	3858751.99	0.06233	0.07071	0.06018	0.05825	5.65E-03	0.0003	1.1E-06	0.00013	0.00608	7.13E-03	0.000378	9.56E-07	7.88E-05	7.59E-03	0.007028	0.000325	7.81E-07	8.37E-05	0.007437
1607	494561.06	3858751.99	0.06158	0.06985	0.05966	0.05745	5.58E-03	0.0003	1.1E-06	0.00013	0.00601	7.04E-03	0.000373	9.48E-07	7.77E-05	7.50E-03	0.006943	0.000321	7.74E-07	8.25E-05	0.007347
1608	494611.06	3858751.99	0.06058	0.06861	0.05869	0.05649	5.49E-03	0.00029	1.1E-06	0.00013	0.00591	6.93E-03	0.000366	9.33E-07	7.64E-05	7.37E-03	0.00683	0.000315	7.62E-07	8.11E-05	0.007227
1609	494661.06	3858751.99	0.05997	0.06789	0.05835	0.05605	5.43E-03	0.00029	1.1E-06	0.00013	0.00585	6.86E-03	0.000363	9.27E-07	7.58E-05	7.30E-03	0.006762	0.000312	7.57E-07	8.05E-05	0.007155
1610	494711.06	3858751.99	0.05851	0.06613	0.057	0.05471	5.30E-03	0.00028	1.1E-06	0.00013	0.00571	6.69E-03	0.000353	9.06E-07	7.4E-05	7.12E-03	0.006597	0.000304	7.4E-07	7.86E-05	0.00698
1611	494761.06	3858751.99	0.05805	0.06551	0.0564	0.05429	5.26E-03	0.00028	1.1E-06	0.00013	0.00566	6.64E-03	0.00035	8.96E-07	7.34E-05	7.06E-03	0.006545	0.000301	7.32E-07	7.8E-05	0.006925
1612	494811.06	3858751.99	0.05678	0.06398	0.05522	0.05313	5.15E-03	0.00027	1E-06	0.00012	0.00554	6.49E-03	0.000342	8.78E-07	7.18E-05	6.91E-03	0.006402	0.000294	7.17E-07	7.63E-05	0.006773
1613	494861.06	3858751.99	0.05566	0.06264	0.05418	0.05212	5.04E-03	0.00026	1E-06	0.00012	0.00543	6.37E-03	0.000334	8.61E-07	7.05E-05	6.77E-03	0.006276	0.000288	7.03E-07	7.48E-05	0.006639
1614	494911.06	3858751.99	0.05442	0.06116	0.05301	0.05101	4.93E-03	0.00026	9.9E-07	0.00012	0.00531	6.22E-03	0.000327	8.42E-07	6.9E-05	6.62E-03	0.006136	0.000281	6.88E-07	7.33E-05	0.006491
1615	494961.06	3858751.99	0.05354	0.06011	0.05219	0.05022	4.85E-03	0.00025	9.8E-07	0.00012	0.00522	6.12E-03	0.000321	8.29E-07	6.79E-05	6.51E-03	0.006037	0.000276	6.77E-07	7.21E-05	0.006385
1616	495011.06	3858751.99	0.05293	0.05938	0.05164	0.04964	4.80E-03	0.00025	9.7E-07	0.00011	0.00516	6.05E-03	0.000317	8.21E-07	6.71E-05	6.44E-03	0.005968	0.000273	6.7E-07	7.13E-05	0.006312
1617	495061.06	3858751.99	0.05201	0.05828	0.05078	0.04882	4.71E-03	0.00025	9.5E-07	0.00011	0.00507	5.95E-03	0.000311	8.07E-07	6.6E-05	6.33E-03	0.005864	0.000268	6.59E-07	7.01E-05	0.006203
1618	495111.06	3858751.99	0.05094	0.05701	0.04976	0.04788	4.62E-03	0.00024	9.3E-07	0.00011	0.00497	5.83E-03	0.000304	7.91E-07	6.47E-05	6.20E-03	0.005743	0.000262	6.46E-07	6.88E-05	0.006075
1619	495161.06	3858751.99	0.05032	0.05627	0.04919	0.04732	4.56E-03	0.00024	9.2E-07	0.00011	0.00491	5.76E-03	0.0003	7.82E-07	6.4E-05	6.12E-03	0.005674	0.000258	6.39E-07	6.8E-05	0.006001
1620	495211.06	3858751.99	0.04953	0.05532	0.04844	0.04663	4.49E-03	0.00023	9.1E-07	0.00011	0.00483	5.67E-03	0.000295	7.7E-07	6.3E-05	6.02E-03	0.005584	0.000254	6.29E-07	6.7E-05	0.005906
1621	495261.06	3858751.99	0.04929	0.05503	0.04826	0.04639	4.47E-03	0.00023	9E-07	0.00011	0.00481	5.64E-03	0.000294	7.67E-07	6.27E-05	6.00E-03	0.005557	0.000253	6.26E-07	6.66E-05	0.005877
1622	495311.06	3858751.99	0.04912	0.0548	0.04813	0.04622	4.45E-03	0.00023	9E-07	0.00011	0.00479	5.62E-03	0.000293	7.65E-07	6.25E-05	5.97E-03	0.005538	0.000252	6.25E-07	6.64E-05	0.005857
1623	495361.06	3858751.99	0.04881	0.05443	0.04787	0.04593	4.42E-03	0.00023	9E-07	0.00011	0.00476	5.58E-03	0.000291	7.61E-07	6.21E-05	5.94E-03	0.005503	0.00025	6.21E-07	6.6E-05	0.00582
1624	495411.06	3858751.99	0.04881	0.0544	0.04792	0.0459	4.42E-03	0.00023	9E-07	0.00011	0.00476	5.58E-03	0.00029	7.62E-07	6.21E-05	5.94E-03	0.005503	0.00025	6.22E-07	6.59E-05	0.00582
1625	495461.06	3858751.99	0.04856	0.05409	0.04772	0.04566	4.40E-03	0.00023	8.9E-07	0.00011	0.00474	5.55E-03	0.000289	7.58E-07	6.17E-05	5.91E-03	0.005475	0.000248	6.19E-07	6.56E-05	0.00579
1626	495511.06	3858751.99	0.04818	0.05362	0.04738	0.04531	4.37E-03	0.00023	8.9E-07	0.0001	0.0047	5.51E-03	0.000286	7.53E-07	6.13E-05	5.86E-03	0.005432	0.000246	6.15E-07	6.51E-05	0.005744
1627	495561.06	3858751.99	0.04774	0.05309	0.04698	0.04492	4.33E-03	0.00022	8.8E-07	0.0001	0.00466	5.46E-03	0.000283	7.47E-07	6.07E-05	5.81E-03	0.005383	0.000244	6.1E-07	6.45E-05	0.005692
1628	495611.06	3858751.99	0.04731	0.05256	0.04658	0.04451	4.29E-03	0.00022	8.7E-07	0.0001	0.00461	5.41E-03	0.000281	7.4E-07	6.02E-05	5.75E-03	0.005334	0.000241	6.05E-07	6.39E-05	0.00564
1629	495661.06	3858751.99	0.04696	0.05213	0.04627	0.04419	4.26E-03	0.00022	8.7E-07	0.0001	0.00458	5.37E-03	0.000278	7.35E-07	5.97E-05	5.71E-03	0.005295	0.000239	6.01E-07	6.35E-05	0.005598
1630	494311.06	3858801.99	0.05813	0.06588	0.05574	0.05426	5.27E-03	0.00028	1E-06	0.00013	0.00567	6.65E-03	0.000352	8.86E-07	7.34E-05	7.07E-03	0.006554	0.000303	7.24E-07	7.79E-05	0.006935
1631	494361.06	3858801.99	0.06183	0.07033	0.05943	0.05761	5.60E-03	0.0003	1.1E-06	0.00013	0.00604	7.07E-03	0.000376	9.45E-07	7.79E-05	7.53E-03	0.006971	0.000323	7.71E-07	8.27E-05	0.007378
1632	494411.06	3858801.99	0.06262	0.07127	0.06027	0.05866	5.67E-03	0.0003	1.1E-06	0.00014	0.00611	7.16E-03	0.000381	9.58E-07	7.93E-05	7.62E-03	0.00706	0.000327	7.82E-07	8.42E-05	0.007473
1633	494461.06	3858801.99	0.06294	0.07163	0.06066	0.0588	5.70E-03	0.0003	1.1E-06	0.00014	0.00614	7.20E-03	0.000382	9.64E-07	7.95E-05	7.66E-03	0.007096	0.000329	7.87E-07	8.44E-05	0.007511
1634	494511.06	3858801.99	0.06307	0.0717	0.06067	0.05901	5.72E-03	0.0003	1.1E-06	0.00014	0.00616	7.21E-03	0.000383	9.64E-07	7.98E-05	7.68E-03	0.007111	0.000329	7.88E-07	8.47E-05	0.007526
1635	494561.06	3858801.99	0.06272	0.07127	0.06043	0.05871	5.68E-03	0.0003	1.1E-06	0.00014	0.00612	7.17E-03	0.000381	9.6E-07	7.94E-05	7.63E-03	0.007072	0.000327	7.84E-07	8.43E-05	0.007484
1636	494611.06	3858801.99	0.0621	0.0705	0.05991	0.05812	5.63E-03	0.0003	1.1E-06	0.00013	0.00606	7.10E-03	0.000376	9.52E-07	7.86E-05	7.56E-03	0.007002	0.000324	7.78E-07	8.35E-05	0.00741
1637	494661.06	3858801.99	0.06106	0.06924	0.05901	0.05708	5.53E-03	0.00029	1.1E-06	0.00013	0.00596	6.98E-03	0.00037	9.38E-07	7.72E-05	7.43E-03	0.006884	0.000318	7.66E-07	8.2E-05	0.007285
1638	494711.06	3858801.99	0.05984	0.06777	0.05791	0.05592	5.42E-03	0.00029	1.1E-06	0.00013	0.00584	6.84E-03	0.000362	9.2E-07	7.56E-05	7.28E-03	0.006747	0.000311	7.52E-07	8.03E-05	0.007139
1639	494761.06	3858801.99	0.05843	0.06605	0.05661	0.05458	5.30E-03	0.00028	1.1E-06	0.00013	0.0057	6.68E-03	0.000353	9E-07	7.38E-05	7.11E-03	0.006588	0.000303	7.35E-07	7.84E-05	0.00697
1640	494811.06	3858801.99	0.05696	0.0643	0.05526	0.05323	5.16E-03	0.00027	1E-06	0.00012	0.00556	6.51E-03	0.000343	8.78E-07	7.2E-05	6.93E-03	0.006422	0.000295	7.17E-07	7.64E-05	0.006795
1641	494861.06	3858801.99	0.05618	0.06336	0.05456	0.05252	5.09E-03	0.00027	1E-06	0.00012	0.00548	6.43E-03	0.000338	8.67E-07	7.1E-05	6.84E-03	0.006334	0.000291	7.08E-07	7.54E-05	0.006701
1642	494911.06	3858801.99	0.055	0.06194	0.05347	0.05145	4.98E-03	0.00026	1E-06	0.00012	0.00537	6.29E-03	0.000331	8.5E-07	6.96E-05	6.69E-03	0.006201	0.000284	6.94E-07	7.39E-05	0.00656
1643	494961.06	3858801.99	0.05413	0.0609	0.05267	0.05067	4.91E-03	0.00026	9.9E-07	0.00012	0.00528	6.19E-03	0.000325	8.37E-07	6.85E-05	6.59E-03	0.006103	0.00028	6.84E-07	7.28E-05	0.006456

1644	495011.06	3858801.99	0.05321	0.0598	0.05182	0.04984	4.82E-03	0.00025	9.7E-07	0.00012	0.00519	6.09E-03	0.000319	8.24E-07	6.74E-05	6.47E-03	0.005999	0.000275	6.73E-07	7.16E-05	0.006346
1645	495061.06	3858801.99	0.05262	0.0591	0.0513	0.0493	4.77E-03	0.00025	9.6E-07	0.00011	0.00513	6.02E-03	0.000316	8.15E-07	6.67E-05	6.40E-03	0.005933	0.000271	6.66E-07	7.08E-05	0.006276
1646	495111.06	3858801.99	0.05144	0.05769	0.05017	0.04823	4.66E-03	0.00024	9.4E-07	0.00011	0.00502	5.88E-03	0.000308	7.97E-07	6.52E-05	6.26E-03	0.0058	0.000265	6.51E-07	6.93E-05	0.006135
1647	495161.06	3858801.99	0.05058	0.05667	0.04937	0.04746	4.58E-03	0.00024	9.2E-07	0.00011	0.00493	5.79E-03	0.000303	7.85E-07	6.42E-05	6.15E-03	0.005703	0.00026	6.41E-07	6.82E-05	0.006032
1648	495211.06	3858801.99	0.05012	0.05612	0.04896	0.04704	4.54E-03	0.00024	9.2E-07	0.00011	0.00489	5.73E-03	0.0003	7.78E-07	6.36E-05	6.10E-03	0.005651	0.000258	6.36E-07	6.76E-05	0.005977
1649	495261.06	3858801.99	0.04991	0.05585	0.04881	0.04684	4.52E-03	0.00024	9.1E-07	0.00011	0.00487	5.71E-03	0.000298	7.76E-07	6.33E-05	6.07E-03	0.005627	0.000256	6.34E-07	6.73E-05	0.005952
1650	495311.06	3858801.99	0.04979	0.05569	0.04873	0.04671	4.51E-03	0.00024	9.1E-07	0.00011	0.00486	5.69E-03	0.000297	7.74E-07	6.32E-05	6.06E-03	0.005614	0.000256	6.33E-07	6.71E-05	0.005937
1651	495361.06	3858801.99	0.04952	0.05536	0.04851	0.04645	4.49E-03	0.00023	9.1E-07	0.00011	0.00483	5.66E-03	0.000296	7.71E-07	6.28E-05	6.02E-03	0.005583	0.000254	6.3E-07	6.67E-05	0.005905
1652	495411.06	3858801.99	0.04965	0.05549	0.04869	0.04654	4.50E-03	0.00023	9.1E-07	0.00011	0.00484	5.68E-03	0.000296	7.74E-07	6.29E-05	6.04E-03	0.005598	0.000255	6.32E-07	6.68E-05	0.00592
1653	495461.06	3858801.99	0.04934	0.05511	0.04843	0.04625	4.47E-03	0.00023	9.1E-07	0.00011	0.00481	5.64E-03	0.000294	7.7E-07	6.25E-05	6.00E-03	0.005563	0.000253	6.29E-07	6.64E-05	0.005883
1654	495511.06	3858801.99	0.04889	0.05457	0.04802	0.04584	4.43E-03	0.00023	9E-07	0.00011	0.00477	5.59E-03	0.000291	7.63E-07	6.2E-05	5.95E-03	0.005512	0.000251	6.23E-07	6.58E-05	0.005829
1655	495561.06	3858801.99	0.04853	0.05412	0.0477	0.0455	4.40E-03	0.00023	8.9E-07	0.00011	0.00473	5.55E-03	0.000289	7.58E-07	6.15E-05	5.90E-03	0.005472	0.000249	6.19E-07	6.53E-05	0.005786
1656	495611.06	3858801.99	0.04797	0.05345	0.04718	0.045	4.35E-03	0.00023	8.8E-07	0.0001	0.00468	5.49E-03	0.000285	7.5E-07	6.08E-05	5.83E-03	0.005409	0.000245	6.12E-07	6.46E-05	0.005719
1657	495661.06	3858801.99	0.04771	0.05312	0.04696	0.04476	4.32E-03	0.00022	8.8E-07	0.0001	0.00465	5.46E-03	0.000284	7.46E-07	6.05E-05	5.80E-03	0.005379	0.000244	6.1E-07	6.43E-05	0.005688
1658	494311.06	3858851.99	0.06202	0.07064	0.0593	0.05771	5.62E-03	0.0003	1.1E-06	0.00013	0.00605	7.09E-03	0.000377	9.42E-07	7.8E-05	7.55E-03	0.006993	0.000324	7.7E-07	8.29E-05	0.007401
1659	494361.06	3858851.99	0.064	0.07302	0.06124	0.05973	5.80E-03	0.00031	1.1E-06	0.00014	0.00625	7.32E-03	0.00039	9.73E-07	8.08E-05	7.79E-03	0.007216	0.000335	7.95E-07	8.58E-05	0.007638
1660	494411.06	3858851.99	0.06374	0.0727	0.06108	0.05953	5.78E-03	0.00031	1.1E-06	0.00014	0.00622	7.29E-03	0.000388	9.71E-07	8.05E-05	7.76E-03	0.007187	0.000334	7.93E-07	8.55E-05	0.007607
1661	494461.06	3858851.99	0.06377	0.07272	0.06119	0.05963	5.78E-03	0.00031	1.1E-06	0.00014	0.00623	7.29E-03	0.000388	9.73E-07	8.06E-05	7.76E-03	0.00719	0.000334	7.94E-07	8.56E-05	0.00761
1662	494511.06	3858851.99	0.06362	0.07246	0.06096	0.05959	5.77E-03	0.00031	1.1E-06	0.00014	0.00621	7.28E-03	0.000387	9.69E-07	8.06E-05	7.75E-03	0.007173	0.000333	7.91E-07	8.56E-05	0.007592
1663	494561.06	3858851.99	0.06317	0.0719	0.06062	0.05918	5.72E-03	0.0003	1.1E-06	0.00014	0.00617	7.23E-03	0.000384	9.63E-07	8E-05	7.69E-03	0.007122	0.00033	7.87E-07	8.5E-05	0.007538
1664	494611.06	3858851.99	0.06239	0.07095	0.05997	0.05844	5.65E-03	0.0003	1.1E-06	0.00014	0.00609	7.14E-03	0.000379	9.53E-07	7.9E-05	7.59E-03	0.007034	0.000326	7.78E-07	8.39E-05	0.007445
1665	494661.06	3858851.99	0.06142	0.06977	0.05914	0.05749	5.57E-03	0.0003	1.1E-06	0.00013	0.006	7.03E-03	0.000373	9.4E-07	7.77E-05	7.48E-03	0.006925	0.00032	7.68E-07	8.26E-05	0.007329
1666	494711.06	3858851.99	0.06001	0.06806	0.05788	0.05611	5.44E-03	0.00029	1.1E-06	0.00013	0.00586	6.86E-03	0.000363	9.2E-07	7.59E-05	7.30E-03	0.006766	0.000313	7.51E-07	8.06E-05	0.00716
1667	494761.06	3858851.99	0.05865	0.06642	0.05665	0.05476	5.31E-03	0.00028	1.1E-06	0.00013	0.00572	6.71E-03	0.000355	9E-07	7.4E-05	7.14E-03	0.006613	0.000305	7.35E-07	7.86E-05	0.006997
1668	494811.06	3858851.99	0.05752	0.06506	0.05564	0.0537	5.21E-03	0.00028	1E-06	0.00012	0.00561	6.58E-03	0.000347	8.84E-07	7.26E-05	7.00E-03	0.006485	0.000299	7.22E-07	7.71E-05	0.006862
1669	494861.06	3858851.99	0.05678	0.06415	0.05499	0.05302	5.15E-03	0.00027	1E-06	0.00012	0.00554	6.49E-03	0.000343	8.74E-07	7.17E-05	6.91E-03	0.006402	0.000295	7.14E-07	7.61E-05	0.006773
1670	494911.06	3858851.99	0.05573	0.06289	0.05404	0.05205	5.05E-03	0.00027	1E-06	0.00012	0.00544	6.37E-03	0.000336	8.59E-07	7.04E-05	6.78E-03	0.006284	0.000289	7.01E-07	7.47E-05	0.006648
1671	494961.06	3858851.99	0.05481	0.0618	0.05321	0.05121	4.97E-03	0.00026	1E-06	0.00012	0.00535	6.27E-03	0.00033	8.46E-07	6.92E-05	6.67E-03	0.00618	0.000284	6.91E-07	7.35E-05	0.006538
1672	495011.06	3858851.99	0.05408	0.06091	0.05255	0.05054	4.90E-03	0.00026	9.8E-07	0.00012	0.00528	6.19E-03	0.000325	8.35E-07	6.83E-05	6.58E-03	0.006098	0.00028	6.82E-07	7.26E-05	0.00645
1673	495061.06	3858851.99	0.0532	0.05986	0.05175	0.04974	4.82E-03	0.00025	9.7E-07	0.00012	0.00519	6.08E-03	0.00032	8.22E-07	6.73E-05	6.47E-03	0.005998	0.000275	6.72E-07	7.14E-05	0.006345
1674	495111.06	3858851.99	0.05161	0.05797	0.05023	0.04833	4.68E-03	0.00025	9.4E-07	0.00011	0.00504	5.90E-03	0.00031	7.98E-07	6.53E-05	6.28E-03	0.005819	0.000266	6.52E-07	6.94E-05	0.006155
1675	495161.06	3858851.99	0.05078	0.05699	0.04947	0.04756	4.60E-03	0.00024	9.3E-07	0.00011	0.00495	5.81E-03	0.000304	7.86E-07	6.43E-05	6.18E-03	0.005725	0.000262	6.42E-07	6.83E-05	0.006056
1676	495211.06	3858851.99	0.05081	0.05701	0.04956	0.04757	4.60E-03	0.00024	9.3E-07	0.00011	0.00496	5.81E-03	0.000304	7.88E-07	6.43E-05	6.18E-03	0.005729	0.000262	6.43E-07	6.83E-05	0.00606
1677	495261.06	3858851.99	0.05059	0.05673	0.04939	0.04735	4.58E-03	0.00024	9.2E-07	0.00011	0.00494	5.79E-03	0.000303	7.85E-07	6.4E-05	6.15E-03	0.005704	0.000261	6.41E-07	6.8E-05	0.006033
1678	495311.06	3858851.99	0.05053	0.05665	0.04939	0.04731	4.58E-03	0.00024	9.2E-07	0.00011	0.00493	5.78E-03	0.000302	7.85E-07	6.4E-05	6.15E-03	0.005697	0.00026	6.41E-07	6.79E-05	0.006026
1679	495361.06	3858851.99	0.05035	0.05642	0.04926	0.04713	4.56E-03	0.00024	9.2E-07	0.00011	0.00491	5.76E-03	0.000301	7.83E-07	6.37E-05	6.12E-03	0.005677	0.000259	6.39E-07	6.77E-05	0.006004
1680	495411.06	3858851.99	0.05017	0.0562	0.04913	0.04696	4.55E-03	0.00024	9.2E-07	0.00011	0.00489	5.74E-03	0.0003	7.81E-07	6.35E-05	6.10E-03	0.005657	0.000258	6.38E-07	6.74E-05	0.005983
1681	495461.06	3858851.99	0.05004	0.05603	0.04905	0.04683	4.53E-03	0.00024	9.2E-07	0.00011	0.00488	5.72E-03	0.000299	7.8E-07	6.33E-05	6.09E-03	0.005642	0.000257	6.37E-07	6.73E-05	0.005967
1682	495511.06	3858851.99	0.04978	0.05574	0.0489	0.04648	4.51E-03	0.00024	9.2E-07	0.00011	0.00486	5.69E-03	0.000298	7.77E-07	6.28E-05	6.06E-03	0.005613	0.000256	6.35E-07	6.67E-05	0.005936
1683	495561.06	3858851.99	0.04899	0.05477	0.04809	0.04585	4.44E-03	0.00023	9E-07	0.00011	0.00478	5.60E-03	0.000292	7.64E-07	6.2E-05	5.96E-03	0.005524	0.000252	6.24E-07	6.58E-05	0.005842
1684	495611.06	3858851.99	0.0484	0.05406	0.04754	0.04531	4.39E-03	0.00023	8.9E-07	0.0001	0.00472	5.54E-03	0.000289	7.56E-07	6.13E-05	5.89E-03	0.005457	0.000248	6.17E-07	6.51E-05	0.005771
1685	495661.06	3858851.99	0.04826	0.05388	0.04745	0.04517	4.37E-03	0.00023	8.9E-07	0.0001	0.00471	5.52E-03	0.000288	7.54E-07	6.11E-05	5.87E-03	0.005441	0.000247	6.16E-07	6.49E-05	0.005754
1686	494311.06	3858901.99	0.06337	0.07226	0.06033	0.05898	5.74E-03	0.00031	1.1E-06	0.00014	0.00619	7.25E-03	0.000386	9.59E-07	7.97E-05	7.71E-03	0.007145	0.000332	7.83E-07	8.47E-05	0.007562
1687	494361.06	3858901.99	0.06474	0.07393	0.06166	0.06051	5.87E-03	0.00031	1.2E-06	0.00014	0.00632	7.40E-03	0.000395	9.8E-07	8.18E-05	7.88E-03	0.007299	0.00034	8E-07	8.69E-05	0.007727
1688	494411.06	3858901.99	0.06474	0.07393	0.06174	0.06062	5.87E-03	0.00031	1.2E-06	0.00014	0.00632	7.40E-03	0.000395	9.81E-07	8.2E-05	7.88E-03	0.007299	0.00034	8.01E-07	8.71E-05	0.007727
1689	494461.06	3858901.99	0.06479	0.07392	0.0617	0.06082	5.87E-03	0.00031	1.2E-06	0.00014	0.00633	7.41E-03	0.000395	9.81E-07	8.22E-05	7.89E-03	0.007305	0.000339	8.01E-07	8.73E-05	0.007733
1690	494511.06	3858901.99	0.0646	0.07369	0.0616	0.06071	5.85E-03	0.00031	1.2E-06	0.00014	0.00631	7.39E-03	0.000393	9.79E-07	8.21E-05	7.87E-03	0.007284	0.000338	8E-07	8.72E-05	0.00771
1691	494561.06	3858901.99	0.06382	0.07274	0.06097	0.05994	5.78E-03	0.00031	1.1E-06	0.00014	0.00623	7.30E-03	0.000388	9.69E-07	8.1E-05	7.77E-03	0.007196	0.000334	7.91E-07	8.61E-05	0.007617
1692	494611.06	3858901.99	0.06247	0.07112	0.05981	0.05855	5.66E-03	0.0003	1.1E-06	0.00014	0.0061	7.15E-03	0.00038	9.51E-07	7.92E-05	7.61E-03	0.007043	0.000327	7.76E-07	8.41E-05	0.007455
1693	494661.06	3858901.99	0.06172	0.0702	0.05919	0.05782	5.59E-03	0.0003	1.1E-06	0.00013	0.00603	7.06E-03	0.000375	9.41E-07	7.82E-05	7.51E-03	0.006959	0.000322	7.68E-07	8.3E-05	0.007365
1694	494711.06	3858901.99	0.06046	0.06868	0.05809	0.05657	5.48E-03	0.00029	1.1E-06	0.00013	0.0059	6.92E-03	0.000367	9.23E-07	7.65E-05	7.36E-03	0.006817	0.000315	7.54E-07	8.12E-05	0.007214
1695	494761.06	3858901.99	0.05897	0.06688	0.05676	0.0551	5.34E-03	0.00028	1.1E-06	0.00013	0.00576	6.74E-03	0.000357	9.02E-07	7.45E-05	7.18E-03	0.006649	0.000307	7.37E-07	7.91E-05	0.007036
1696	494811.06	3858901.99	0.05808	0.06581	0.05599	0.05421	5.26E-03	0.00028	1E-06	0.00013	0.00567	6.64E-03	0.000351	8.9E-07	7.33E-05	7.07E-03	0.006549	0.000302	7.27E-07	7.78E-05	0.006929
1697	494861.06	3858901.99	0.05741	0.06499	0.05542	0.05358	5.20E-03	0.00027	1E-06	0.00012	0.0056	6.57E-03	0.000347	8.81E-07	7.24E-05	6.99E-03	0.006473	0.000298	7.19E-07	7.69E-05	0.006849
1698	494911.06	3858901.99	0.05594	0.06323	0.05408	0.0522	5.07E-03	0.00027	1E-06	0.00012	0.00546	6.40E-03	0.000338	8.6E-07	7.06E-05	6.81E-03	0.006307	0.00029	7.02E-07	7.5E-05	0.006673
1699	494961.06	3858901.99	0.05514	0.06227	0.05338	0.05146	5.00E-03	0.00026	1E-06	0.00012	0.00538	6.31E-03	0.000332	8.48E-07	6.96E-05	6.71E-03	0.006217	0.000286	6.93E-07	7.39E-05	0.006578
1700	495011.06	3858901.99	0.05436	0.06133	0.05269	0.05075	4.93E-03	0.00026	9.9E-07	0.00012	0.0053	6.22E-03	0.000327	8.37E-07	6.86E-05	6.61E-03	0.006129	0.000282	6.84E-07	7.29E-05	0.006484
1701	495061.06	3858901.99	0.05324	0.05999	0.05165	0.04972	4.82E-03	0.00025	9.7E-07	0.00012	0.00519	6.09E-03	0.00032	8.21E-07	6.72E-05	6.48E-03	0.006003	0.000275	6.7E-07	7.14E-05	0.00635
1702	495111.06	3858901.99	0.05164	0.05809	0.05015	0.04828	4.68E-03	0.00025	9.4E-07	0.00011	0.00504	5.91E-03	0.00031	7.97E-07	6.53E-05	6.28E-03	0.005822	0.000267	6.51E-07	6.93E-05	0.006159
1703	495161.06	3858901.99	0.05116	0.05752	0.04974	0.04785	4.64E-03	0.00024	9.3E-07	0.00011	0.00499	5.85E-03	0.000307	7.91E-07	6.47E-05	6.22E-03	0.005768	0.000264	6.46E-07	6.87E-05	0.006102
1704	495211.06	3858901.99	0.05145	0.05784	0.05009	0.0481	4.66E-03	0.00024	9.4E-07	0.00011	0.00502	5.88E-03	0.000309	7.96E-07	6.5E-05	6.26E-03	0.005801	0.000266	6.5E-07	6.91E-05	0.006136

1705	495261.06	3858901.99	0.05133	0.0577	0.05003	0.04799	4.65E-03	0.00024	9.4E-07	0.00011	0.00501	5.87E-03	0.000308	7.95E-07	6.49E-05	6.24E-03	0.005787	0.000265	6.49E-07	6.89E-05	0.006122
1706	495311.06	3858901.99	0.05109	0.05739	0.04985	0.04776	4.63E-03	0.00024	9.3E-07	0.00011	0.00498	5.84E-03	0.000306	7.92E-07	6.46E-05	6.22E-03	0.00576	0.000264	6.47E-07	6.86E-05	0.006093
1707	495361.06	3858901.99	0.05089	0.05715	0.0497	0.04757	4.61E-03	0.00024	9.3E-07	0.00011	0.00496	5.82E-03	0.000305	7.9E-07	6.43E-05	6.19E-03	0.005738	0.000262	6.45E-07	6.83E-05	0.006069
1708	495411.06	3858901.99	0.0509	0.05715	0.04977	0.04757	4.61E-03	0.00024	9.3E-07	0.00011	0.00497	5.82E-03	0.000305	7.91E-07	6.43E-05	6.19E-03	0.005739	0.000262	6.46E-07	6.83E-05	0.00607
1709	495461.06	3858901.99	0.05057	0.05674	0.04949	0.04726	4.58E-03	0.00024	9.3E-07	0.00011	0.00493	5.78E-03	0.000303	7.87E-07	6.39E-05	6.15E-03	0.005702	0.000261	6.42E-07	6.79E-05	0.006031
1710	495511.06	3858901.99	0.05004	0.05611	0.04901	0.04678	4.53E-03	0.00024	9.2E-07	0.00011	0.00488	5.72E-03	0.0003	7.79E-07	6.33E-05	6.09E-03	0.005642	0.000258	6.36E-07	6.72E-05	0.005967
1711	495561.06	3858901.99	0.04962	0.05559	0.04864	0.04639	4.50E-03	0.00024	9.1E-07	0.00011	0.00484	5.68E-03	0.000297	7.73E-07	6.27E-05	6.04E-03	0.005595	0.000255	6.31E-07	6.66E-05	0.005917
1712	495611.06	3858901.99	0.04903	0.05489	0.0481	0.04585	4.44E-03	0.00023	9E-07	0.00011	0.00478	5.61E-03	0.000293	7.64E-07	6.2E-05	5.96E-03	0.005528	0.000252	6.24E-07	6.58E-05	0.005847
1713	495661.06	3858901.99	0.04896	0.05479	0.04807	0.04577	4.44E-03	0.00023	9E-07	0.00011	0.00478	5.60E-03	0.000293	7.64E-07	6.19E-05	5.96E-03	0.00552	0.000252	6.24E-07	6.57E-05	0.005838
1714	494311.06	3858951.99	0.0654	0.0746	0.06194	0.0612	5.93E-03	0.00032	1.2E-06	0.00014	0.00639	7.48E-03	0.000398	9.84E-07	8.27E-05	7.96E-03	0.007374	0.000343	8.04E-07	8.79E-05	0.007805
1715	494361.06	3858951.99	0.06582	0.07512	0.06237	0.06181	5.96E-03	0.00032	1.2E-06	0.00014	0.00643	7.53E-03	0.000401	9.91E-07	8.36E-05	8.01E-03	0.007421	0.000345	8.1E-07	8.88E-05	0.007856
1716	494411.06	3858951.99	0.06525	0.07448	0.06193	0.06128	5.91E-03	0.00032	1.2E-06	0.00014	0.00637	7.46E-03	0.000398	9.84E-07	8.29E-05	7.94E-03	0.007357	0.000342	8.04E-07	8.8E-05	0.007788
1717	494461.06	3858951.99	0.06533	0.07452	0.06192	0.06155	5.92E-03	0.00032	1.2E-06	0.00014	0.00638	7.47E-03	0.000398	9.84E-07	8.32E-05	7.95E-03	0.007366	0.000342	8.04E-07	8.84E-05	0.007797
1718	494511.06	3858951.99	0.06489	0.07401	0.0616	0.06117	5.88E-03	0.00031	1.2E-06	0.00014	0.00634	7.42E-03	0.000395	9.79E-07	8.27E-05	7.90E-03	0.007316	0.00034	8E-07	8.78E-05	0.007745
1719	494561.06	3858951.99	0.06415	0.07313	0.06101	0.06041	5.81E-03	0.00031	1.1E-06	0.00014	0.00626	7.34E-03	0.00039	9.7E-07	8.17E-05	7.81E-03	0.007233	0.000336	7.92E-07	8.68E-05	0.007656
1720	494611.06	3858951.99	0.06304	0.07182	0.06009	0.05925	5.71E-03	0.0003	1.1E-06	0.00014	0.00616	7.21E-03	0.000383	9.55E-07	8.01E-05	7.67E-03	0.007108	0.00033	7.8E-07	8.51E-05	0.007523
1721	494661.06	3858951.99	0.06202	0.07059	0.05923	0.0582	5.62E-03	0.0003	1.1E-06	0.00013	0.00605	7.09E-03	0.000377	9.41E-07	7.87E-05	7.55E-03	0.006993	0.000324	7.69E-07	8.36E-05	0.007401
1722	494711.06	3858951.99	0.06056	0.06884	0.05796	0.05669	5.49E-03	0.00029	1.1E-06	0.00013	0.00591	6.93E-03	0.000368	9.21E-07	7.67E-05	7.37E-03	0.006828	0.000316	7.52E-07	8.14E-05	0.007226
1723	494761.06	3858951.99	0.05947	0.06754	0.05702	0.05561	5.39E-03	0.00029	1.1E-06	0.00013	0.0058	6.80E-03	0.000361	9.06E-07	7.52E-05	7.24E-03	0.006705	0.00031	7.4E-07	7.99E-05	0.007096
1724	494811.06	3858951.99	0.05871	0.06662	0.05639	0.05488	5.32E-03	0.00028	1.1E-06	0.00013	0.00573	6.72E-03	0.000356	8.96E-07	7.42E-05	7.15E-03	0.00662	0.000306	7.32E-07	7.88E-05	0.007005
1725	494861.06	3858951.99	0.05795	0.0657	0.05574	0.05415	5.25E-03	0.00028	1E-06	0.00013	0.00566	6.63E-03	0.000351	8.86E-07	7.32E-05	7.05E-03	0.006534	0.000302	7.24E-07	7.78E-05	0.006914
1726	494911.06	3858951.99	0.05684	0.06437	0.05476	0.05303	5.15E-03	0.00027	1E-06	0.00012	0.00555	6.50E-03	0.000344	8.7E-07	7.17E-05	6.92E-03	0.006409	0.000296	7.11E-07	7.62E-05	0.006781
1727	494961.06	3858951.99	0.05626	0.06368	0.05428	0.0525	5.10E-03	0.00027	1E-06	0.00012	0.00549	6.43E-03	0.00034	8.63E-07	7.1E-05	6.85E-03	0.006343	0.000292	7.05E-07	7.54E-05	0.006712
1728	495011.06	3858951.99	0.05454	0.06162	0.0527	0.05086	4.94E-03	0.00026	9.9E-07	0.00012	0.00532	6.24E-03	0.000329	8.38E-07	6.88E-05	6.64E-03	0.006149	0.000283	6.84E-07	7.3E-05	0.006506
1729	495061.06	3858951.99	0.05291	0.05968	0.05119	0.04936	4.79E-03	0.00025	9.6E-07	0.00011	0.00516	6.05E-03	0.000319	8.14E-07	6.67E-05	6.44E-03	0.005966	0.000274	6.64E-07	7.09E-05	0.006311
1730	495111.06	3858951.99	0.05168	0.05821	0.05005	0.04825	4.68E-03	0.00025	9.4E-07	0.00011	0.00504	5.91E-03	0.000311	7.95E-07	6.52E-05	6.29E-03	0.005827	0.000267	6.5E-07	6.93E-05	0.006164
1731	495161.06	3858951.99	0.05219	0.05881	0.05062	0.04872	4.73E-03	0.00025	9.5E-07	0.00011	0.00509	5.97E-03	0.000314	8.05E-07	6.59E-05	6.35E-03	0.005884	0.00027	6.57E-07	7E-05	0.006225
1732	495211.06	3858951.99	0.05211	0.0587	0.05061	0.04864	4.72E-03	0.00025	9.5E-07	0.00011	0.00508	5.96E-03	0.000313	8.04E-07	6.58E-05	6.34E-03	0.005875	0.00027	6.57E-07	6.98E-05	0.006215
1733	495261.06	3858951.99	0.05201	0.05857	0.05057	0.04856	4.71E-03	0.00025	9.5E-07	0.00011	0.00507	5.95E-03	0.000313	8.04E-07	6.57E-05	6.33E-03	0.005864	0.000269	6.56E-07	6.97E-05	0.006203
1734	495311.06	3858951.99	0.0514	0.05785	0.05004	0.048	4.66E-03	0.00024	9.4E-07	0.00011	0.00501	5.88E-03	0.000309	7.95E-07	6.49E-05	6.25E-03	0.005795	0.000266	6.5E-07	6.89E-05	0.006131
1735	495361.06	3858951.99	0.05137	0.05779	0.05006	0.04797	4.66E-03	0.00024	9.4E-07	0.00011	0.00501	5.88E-03	0.000309	7.96E-07	6.49E-05	6.25E-03	0.005792	0.000265	6.5E-07	6.89E-05	0.006127
1736	495411.06	3858951.99	0.05143	0.05785	0.05018	0.04803	4.66E-03	0.00024	9.4E-07	0.00011	0.00502	5.88E-03	0.000309	7.98E-07	6.49E-05	6.26E-03	0.005799	0.000266	6.51E-07	6.9E-05	0.006134
1737	495461.06	3858951.99	0.05117	0.05754	0.04997	0.04779	4.64E-03	0.00024	9.4E-07	0.00011	0.00499	5.85E-03	0.000307	7.94E-07	6.46E-05	6.23E-03	0.005769	0.000264	6.49E-07	6.86E-05	0.006103
1738	495511.06	3858951.99	0.0511	0.05744	0.04995	0.04772	4.63E-03	0.00024	9.4E-07	0.00011	0.00499	5.84E-03	0.000307	7.94E-07	6.45E-05	6.22E-03	0.005762	0.000264	6.48E-07	6.85E-05	0.006094
1739	495561.06	3858951.99	0.05022	0.05639	0.04914	0.04691	4.55E-03	0.00024	9.2E-07	0.00011	0.0049	5.74E-03	0.000301	7.81E-07	6.34E-05	6.11E-03	0.005662	0.000259	6.38E-07	6.74E-05	0.005989
1740	495611.06	3858951.99	0.04971	0.05578	0.04868	0.04644	4.50E-03	0.00024	9.1E-07	0.00011	0.00485	5.69E-03	0.000298	7.74E-07	6.28E-05	6.05E-03	0.005605	0.000256	6.32E-07	6.67E-05	0.005928
1741	495661.06	3858951.99	0.04966	0.0557	0.04868	0.04639	4.50E-03	0.00024	9.1E-07	0.00011	0.00484	5.68E-03	0.000297	7.74E-07	6.27E-05	6.04E-03	0.005599	0.000256	6.32E-07	6.66E-05	0.005922
1742	494311.06	3859001.99	0.06655	0.07571	0.06268	0.0627	6.03E-03	0.00032	1.2E-06	0.00015	0.0065	7.61E-03	0.000404	9.96E-07	8.48E-05	8.10E-03	0.007503	0.000348	8.14E-07	9E-05	0.007942
1743	494361.06	3859001.99	0.06635	0.07554	0.06256	0.06263	6.01E-03	0.00032	1.2E-06	0.00015	0.00648	7.59E-03	0.000403	9.94E-07	8.47E-05	8.08E-03	0.007481	0.000347	8.12E-07	8.99E-05	0.007919
1744	494411.06	3859001.99	0.06614	0.07526	0.0623	0.06257	5.99E-03	0.00032	1.2E-06	0.00014	0.00646	7.56E-03	0.000402	9.9E-07	8.46E-05	8.05E-03	0.007457	0.000346	8.09E-07	8.99E-05	0.007894
1745	494461.06	3859001.99	0.06574	0.07484	0.06201	0.06223	5.96E-03	0.00032	1.2E-06	0.00014	0.00642	7.52E-03	0.0004	9.86E-07	8.41E-05	8.00E-03	0.007412	0.000344	8.05E-07	8.94E-05	0.007846
1746	494511.06	3859001.99	0.06533	0.07439	0.06171	0.06188	5.92E-03	0.00031	1.2E-06	0.00014	0.00638	7.47E-03	0.000397	9.81E-07	8.37E-05	7.95E-03	0.007366	0.000342	8.01E-07	8.89E-05	0.007797
1747	494561.06	3859001.99	0.0643	0.07321	0.06088	0.06074	5.83E-03	0.00031	1.1E-06	0.00014	0.00628	7.35E-03	0.000391	9.68E-07	8.21E-05	7.83E-03	0.00725	0.000336	7.9E-07	8.72E-05	0.007674
1748	494611.06	3859001.99	0.06335	0.0721	0.06011	0.05971	5.74E-03	0.00031	1.1E-06	0.00014	0.00619	7.25E-03	0.000385	9.55E-07	8.07E-05	7.71E-03	0.007143	0.000331	7.8E-07	8.57E-05	0.00756
1749	494661.06	3859001.99	0.06217	0.07072	0.05912	0.05844	5.63E-03	0.0003	1.1E-06	0.00014	0.00607	7.11E-03	0.000378	9.4E-07	7.9E-05	7.57E-03	0.00701	0.000325	7.67E-07	8.39E-05	0.007419
1750	494711.06	3859001.99	0.06077	0.06907	0.05793	0.05695	5.51E-03	0.00029	1.1E-06	0.00013	0.00593	6.95E-03	0.000369	9.21E-07	7.7E-05	7.40E-03	0.006852	0.000317	7.52E-07	8.18E-05	0.007252
1751	494761.06	3859001.99	0.05991	0.06806	0.05721	0.05609	5.43E-03	0.00029	1.1E-06	0.00013	0.00585	6.85E-03	0.000363	9.09E-07	7.58E-05	7.29E-03	0.006755	0.000313	7.43E-07	8.05E-05	0.007149
1752	494811.06	3859001.99	0.05938	0.06743	0.05679	0.0556	5.38E-03	0.00029	1.1E-06	0.00013	0.0058	6.79E-03	0.00036	9.03E-07	7.52E-05	7.23E-03	0.006695	0.00031	7.37E-07	7.98E-05	0.007085
1753	494861.06	3859001.99	0.05843	0.06631	0.05599	0.05466	5.30E-03	0.00028	1E-06	0.00013	0.0057	6.68E-03	0.000354	8.9E-07	7.39E-05	7.11E-03	0.006588	0.000305	7.27E-07	7.85E-05	0.006972
1754	494911.06	3859001.99	0.05743	0.06511	0.05512	0.05367	5.20E-03	0.00028	1E-06	0.00012	0.00561	6.57E-03	0.000348	8.76E-07	7.26E-05	6.99E-03	0.006475	0.000299	7.15E-07	7.71E-05	0.006852
1755	494961.06	3859001.99	0.0564	0.06388	0.05422	0.05287	5.11E-03	0.00027	1E-06	0.00012	0.0055	6.45E-03	0.000341	8.62E-07	7.15E-05	6.86E-03	0.006359	0.000293	7.04E-07	7.59E-05	0.006729
1756	495011.06	3859001.99	0.05367	0.06062	0.05169	0.04998	4.86E-03	0.00026	9.7E-07	0.00012	0.00524	6.14E-03	0.000324	8.22E-07	6.76E-05	6.53E-03	0.006051	0.000278	6.71E-07	7.18E-05	0.006402
1757	495061.06	3859001.99	0.05312	0.05997	0.05123	0.04948	4.81E-03	0.00025	9.6E-07	0.00011	0.00518	6.08E-03	0.00032	8.14E-07	6.69E-05	6.46E-03	0.005989	0.000275	6.65E-07	7.11E-05	0.006336
1758	495111.06	3859001.99	0.05196	0.05859	0.05018	0.04843	4.71E-03	0.00025	9.4E-07	0.00011	0.00507	5.94E-03	0.000313	7.98E-07	6.55E-05	6.32E-03	0.005858	0.000269	6.51E-07	6.95E-05	0.006198
1759	495161.06	3859001.99	0.05282	0.05961	0.05108	0.04924	4.79E-03	0.00025	9.6E-07	0.00011	0.00515	6.04E-03	0.000318	8.12E-07	6.66E-05	6.43E-03	0.005955	0.000274	6.63E-07	7.07E-05	0.006301
1760	495211.06	3859001.99	0.05256	0.0593	0.05089	0.04902	4.76E-03	0.00025	9.5E-07	0.00011	0.00513	6.01E-03	0.000317	8.09E-07	6.63E-05	6.40E-03	0.005926	0.000272	6.61E-07	7.04E-05	0.00627
1761	495261.06	3859001.99	0.05252	0.05925	0.05092	0.049	4.76E-03	0.00025	9.5E-07	0.00011	0.00512	6.01E-03	0.000316	8.09E-07	6.63E-05	6.39E-03	0.005922	0.000272	6.61E-07	7.04E-05	0.006265
1762	495311.06	3859001.99	0.0522	0.05887	0.05068	0.04872	4.73E-03	0.00025	9.5E-07	0.00011	0.00509	5.97E-03	0.000314	8.05E-07	6.59E-05	6.35E-03	0.005886	0.00027	6.58E-07	7E-05	0.006227
1763	495361.06	3859001.99	0.05214	0.05878	0.05067	0.04867	4.73E-03	0.00025	9.5E-07	0.00011	0.00509	5.96E-03	0.000314	8.05E-07	6.58E-05	6.34E-03	0.005879	0.00027	6.58E-07	6.99E-05	0.006219
1764	495411.06	3859001.99	0.05195	0.05855	0.05055	0.04851	4.71E-03	0.00025	9.5E-07	0.00011	0.00507	5.94E-03	0.000313	8.03E-07	6.56E-05	6.32E-03	0.005857	0.000269	6.56E-07	6.97E-05	0.006197
1765	495461.06	3859001.99	0.05182	0.05838	0.05048	0.0484	4.70E-03	0.00025	9.5E-07	0.00011	0.00506	5.93E-03	0.000312	8.02E-07	6.54E-05	6.31E-03	0.005843	0.000268	6.55E-07	6.95E-05	0.006181

1766	495511.06	3859001.99	0.05115	0.05758	0.04988	0.04777	4.64E-03	0.00024	9.3E-07	0.00011	0.00499	5.85E-03	0.000307	7.93E-07	6.46E-05	6.22E-03	0.005767	0.000264	6.47E-07	6.86E-05	0.006101
1767	495561.06	3859001.99	0.05076	0.05712	0.04956	0.04741	4.60E-03	0.00024	9.3E-07	0.00011	0.00495	5.81E-03	0.000305	7.88E-07	6.41E-05	6.18E-03	0.005723	0.000262	6.43E-07	6.81E-05	0.006054
1768	495611.06	3859001.99	0.05033	0.0566	0.04918	0.047	4.56E-03	0.00024	9.2E-07	0.00011	0.00491	5.76E-03	0.000302	7.82E-07	6.35E-05	6.12E-03	0.005675	0.00026	6.38E-07	6.75E-05	0.006003
1769	495661.06	3859001.99	0.05058	0.05688	0.04947	0.04725	4.58E-03	0.00024	9.3E-07	0.00011	0.00493	5.79E-03	0.000304	7.86E-07	6.39E-05	6.15E-03	0.005703	0.000261	6.42E-07	6.79E-05	0.006033
1770	494311.06	3859051.99	0.06718	0.07606	0.06294	0.06379	6.09E-03	0.00032	1.2E-06	0.00015	0.00656	7.68E-03	0.000406	1E-06	8.63E-05	8.18E-03	0.007575	0.000349	8.17E-07	9.16E-05	0.008016
1771	494361.06	3859051.99	0.06709	0.07597	0.06278	0.06392	6.08E-03	0.00032	1.2E-06	0.00015	0.00655	7.67E-03	0.000406	9.98E-07	8.64E-05	8.17E-03	0.007564	0.000349	8.15E-07	9.18E-05	0.008006
1772	494411.06	3859051.99	0.06655	0.07542	0.06238	0.06338	6.03E-03	0.00032	1.2E-06	0.00015	0.0065	7.61E-03	0.000403	9.91E-07	8.57E-05	8.10E-03	0.007503	0.000346	8.1E-07	9.1E-05	0.007942
1773	494461.06	3859051.99	0.06591	0.07474	0.06189	0.0627	5.97E-03	0.00032	1.2E-06	0.00015	0.00644	7.54E-03	0.000399	9.84E-07	8.48E-05	8.02E-03	0.007431	0.000343	8.03E-07	9E-05	0.007865
1774	494511.06	3859051.99	0.06508	0.07385	0.06124	0.06178	5.90E-03	0.00031	1.1E-06	0.00014	0.00635	7.44E-03	0.000394	9.73E-07	8.35E-05	7.92E-03	0.007338	0.000339	7.95E-07	8.87E-05	0.007766
1775	494561.06	3859051.99	0.06438	0.07308	0.06069	0.06103	5.83E-03	0.00031	1.1E-06	0.00014	0.00629	7.36E-03	0.00039	9.65E-07	8.25E-05	7.84E-03	0.007259	0.000336	7.88E-07	8.76E-05	0.007683
1776	494611.06	3859051.99	0.06342	0.07201	0.05992	0.05996	5.75E-03	0.0003	1.1E-06	0.00014	0.00619	7.25E-03	0.000384	9.52E-07	8.11E-05	7.72E-03	0.007151	0.000331	7.78E-07	8.61E-05	0.007568
1777	494661.06	3859051.99	0.06238	0.07082	0.05907	0.0588	5.65E-03	0.0003	1.1E-06	0.00014	0.00609	7.13E-03	0.000378	9.39E-07	7.95E-05	7.59E-03	0.007033	0.000325	7.67E-07	8.44E-05	0.007444
1778	494711.06	3859051.99	0.06139	0.0697	0.05826	0.05774	5.56E-03	0.00029	1.1E-06	0.00013	0.00599	7.02E-03	0.000372	9.26E-07	7.81E-05	7.47E-03	0.006922	0.00032	7.56E-07	8.29E-05	0.007325
1779	494761.06	3859051.99	0.06036	0.06851	0.05741	0.05665	5.47E-03	0.00029	1.1E-06	0.00013	0.00589	6.90E-03	0.000366	9.12E-07	7.66E-05	7.35E-03	0.006806	0.000315	7.45E-07	8.14E-05	0.007202
1780	494811.06	3859051.99	0.05962	0.06765	0.0568	0.05591	5.40E-03	0.00029	1.1E-06	0.00013	0.00582	6.82E-03	0.000361	9.03E-07	7.56E-05	7.26E-03	0.006722	0.000311	7.37E-07	8.03E-05	0.007114
1781	494861.06	3859051.99	0.05886	0.06677	0.05617	0.05515	5.33E-03	0.00028	1.1E-06	0.00013	0.00575	6.73E-03	0.000357	8.93E-07	7.46E-05	7.16E-03	0.006636	0.000307	7.29E-07	7.92E-05	0.007023
1782	494911.06	3859051.99	0.05768	0.06538	0.05515	0.05394	5.23E-03	0.00028	1E-06	0.00012	0.00563	6.60E-03	0.000349	8.77E-07	7.29E-05	7.02E-03	0.006503	0.0003	7.16E-07	7.75E-05	0.006882
1783	494961.06	3859051.99	0.05592	0.06329	0.05358	0.05214	5.07E-03	0.00027	1E-06	0.00012	0.00546	6.40E-03	0.000338	8.52E-07	7.05E-05	6.81E-03	0.006305	0.000291	6.95E-07	7.49E-05	0.006671
1784	495011.06	3859051.99	0.05459	0.06171	0.0524	0.05081	4.95E-03	0.00026	9.8E-07	0.00012	0.00533	6.24E-03	0.00033	8.33E-07	6.87E-05	6.64E-03	0.006155	0.000283	6.8E-07	7.3E-05	0.006512
1785	495061.06	3859051.99	0.05369	0.06066	0.05161	0.04997	4.87E-03	0.00026	9.7E-07	0.00012	0.00524	6.14E-03	0.000324	8.2E-07	6.76E-05	6.53E-03	0.006054	0.000279	6.7E-07	7.18E-05	0.006405
1786	495111.06	3859051.99	0.05321	0.06009	0.05122	0.04954	4.82E-03	0.00025	9.6E-07	0.00011	0.00519	6.09E-03	0.000321	8.14E-07	6.7E-05	6.47E-03	0.005999	0.000276	6.65E-07	7.11E-05	0.006347
1787	495161.06	3859051.99	0.05359	0.06056	0.05165	0.04995	4.86E-03	0.00026	9.7E-07	0.00012	0.00523	6.13E-03	0.000323	8.21E-07	6.75E-05	6.52E-03	0.006042	0.000278	6.7E-07	7.17E-05	0.006393
1788	495211.06	3859051.99	0.05301	0.05988	0.05117	0.04942	4.80E-03	0.00025	9.6E-07	0.00011	0.00517	6.06E-03	0.00032	8.13E-07	6.68E-05	6.45E-03	0.005977	0.000275	6.64E-07	7.1E-05	0.006323
1789	495261.06	3859051.99	0.05316	0.06005	0.05137	0.0496	4.82E-03	0.00025	9.6E-07	0.00011	0.00519	6.08E-03	0.000321	8.16E-07	6.71E-05	6.47E-03	0.005994	0.000276	6.67E-07	7.12E-05	0.006341
1790	495311.06	3859051.99	0.05277	0.0596	0.05107	0.04926	4.78E-03	0.00025	9.6E-07	0.00011	0.00515	6.04E-03	0.000318	8.12E-07	6.66E-05	6.42E-03	0.00595	0.000274	6.63E-07	7.07E-05	0.006295
1791	495361.06	3859051.99	0.05261	0.0594	0.05097	0.04913	4.77E-03	0.00025	9.5E-07	0.00011	0.00513	6.02E-03	0.000317	8.1E-07	6.64E-05	6.40E-03	0.005932	0.000273	6.62E-07	7.06E-05	0.006276
1792	495411.06	3859051.99	0.05259	0.05937	0.05101	0.04914	4.77E-03	0.00025	9.5E-07	0.00011	0.00513	6.02E-03	0.000317	8.11E-07	6.64E-05	6.40E-03	0.00593	0.000273	6.62E-07	7.06E-05	0.006273
1793	495461.06	3859051.99	0.05255	0.05932	0.05103	0.04914	4.76E-03	0.00025	9.6E-07	0.00011	0.00513	6.01E-03	0.000317	8.11E-07	6.64E-05	6.39E-03	0.005925	0.000272	6.62E-07	7.06E-05	0.006269
1794	495511.06	3859051.99	0.05186	0.0585	0.05042	0.04847	4.70E-03	0.00025	9.4E-07	0.00011	0.00506	5.93E-03	0.000312	8.01E-07	6.55E-05	6.31E-03	0.005847	0.000269	6.54E-07	6.96E-05	0.006186
1795	495561.06	3859051.99	0.05133	0.05787	0.04998	0.04797	4.65E-03	0.00024	9.4E-07	0.00011	0.00501	5.87E-03	0.000309	7.94E-07	6.49E-05	6.25E-03	0.005787	0.000266	6.49E-07	6.89E-05	0.006123
1796	495611.06	3859051.99	0.05088	0.05733	0.04959	0.04754	4.61E-03	0.00024	9.3E-07	0.00011	0.00496	5.82E-03	0.000306	7.88E-07	6.43E-05	6.19E-03	0.005737	0.000263	6.44E-07	6.83E-05	0.006069
1797	495661.06	3859051.99	0.05106	0.05753	0.04982	0.04775	4.63E-03	0.00024	9.3E-07	0.00011	0.00498	5.84E-03	0.000307	7.92E-07	6.46E-05	6.21E-03	0.005757	0.000264	6.47E-07	6.86E-05	0.00609
1798	494311.06	3859101.99	0.06772	0.07611	0.06298	0.065	6.14E-03	0.00032	1.2E-06	0.00015	0.00661	7.75E-03	0.000406	1E-06	8.79E-05	8.24E-03	0.007635	0.00035	8.18E-07	9.33E-05	0.008079
1799	494361.06	3859101.99	0.06724	0.07568	0.06263	0.06454	6.09E-03	0.00032	1.2E-06	0.00015	0.00656	7.69E-03	0.000404	9.95E-07	8.73E-05	8.18E-03	0.007581	0.000348	8.13E-07	9.27E-05	0.008022
1800	494411.06	3859101.99	0.06686	0.07533	0.06235	0.0642	6.06E-03	0.00032	1.2E-06	0.00015	0.00653	7.65E-03	0.000402	9.91E-07	8.68E-05	8.14E-03	0.007538	0.000346	8.09E-07	9.22E-05	0.007977
1801	494461.06	3859101.99	0.0662	0.07467	0.06186	0.06347	6.00E-03	0.00032	1.2E-06	0.00015	0.00646	7.57E-03	0.000399	9.83E-07	8.58E-05	8.06E-03	0.007464	0.000343	8.03E-07	9.11E-05	0.007899
1802	494511.06	3859101.99	0.06526	0.07369	0.06113	0.06232	5.91E-03	0.00031	1.1E-06	0.00014	0.00637	7.46E-03	0.000393	9.72E-07	8.43E-05	7.94E-03	0.007358	0.000338	7.93E-07	8.95E-05	0.007787
1803	494561.06	3859101.99	0.06451	0.0729	0.06055	0.06147	5.85E-03	0.00031	1.1E-06	0.00014	0.0063	7.38E-03	0.000389	9.62E-07	8.31E-05	7.85E-03	0.007273	0.000335	7.86E-07	8.83E-05	0.007697
1804	494611.06	3859101.99	0.06335	0.07164	0.05963	0.06008	5.74E-03	0.0003	1.1E-06	0.00014	0.00618	7.25E-03	0.000383	9.48E-07	8.12E-05	7.71E-03	0.007143	0.000329	7.74E-07	8.63E-05	0.007559
1805	494661.06	3859101.99	0.06261	0.07083	0.05904	0.05926	5.67E-03	0.0003	1.1E-06	0.00014	0.00611	7.16E-03	0.000378	9.38E-07	8.01E-05	7.62E-03	0.007059	0.000325	7.66E-07	8.51E-05	0.00747
1806	494711.06	3859101.99	0.06128	0.06934	0.05794	0.05772	5.55E-03	0.00029	1.1E-06	0.00013	0.00598	7.01E-03	0.00037	9.21E-07	7.8E-05	7.46E-03	0.006909	0.000318	7.52E-07	8.29E-05	0.007311
1807	494761.06	3859101.99	0.0609	0.06895	0.05766	0.0574	5.52E-03	0.00029	1.1E-06	0.00013	0.00594	6.97E-03	0.000368	9.16E-07	7.76E-05	7.41E-03	0.006866	0.000317	7.48E-07	8.24E-05	0.007266
1808	494811.06	3859101.99	0.06	0.06794	0.05693	0.05644	5.44E-03	0.00029	1.1E-06	0.00013	0.00586	6.86E-03	0.000363	9.05E-07	7.63E-05	7.30E-03	0.006765	0.000312	7.39E-07	8.11E-05	0.007159
1809	494861.06	3859101.99	0.0592	0.06704	0.05627	0.0556	5.36E-03	0.00028	1.1E-06	0.00013	0.00578	6.77E-03	0.000358	8.94E-07	7.52E-05	7.21E-03	0.006675	0.000308	7.3E-07	7.98E-05	0.007063
1810	494911.06	3859101.99	0.05802	0.06567	0.05527	0.05434	5.26E-03	0.00028	1E-06	0.00013	0.00566	6.64E-03	0.000351	8.78E-07	7.35E-05	7.06E-03	0.006542	0.000302	7.17E-07	7.8E-05	0.006922
1811	494961.06	3859101.99	0.0562	0.06354	0.05367	0.05242	5.09E-03	0.00027	1E-06	0.00012	0.00548	6.43E-03	0.000339	8.53E-07	7.09E-05	6.84E-03	0.006337	0.000292	6.97E-07	7.53E-05	0.006704
1812	495011.06	3859101.99	0.05427	0.06126	0.05192	0.05047	4.92E-03	0.00026	9.7E-07	0.00012	0.0053	6.21E-03	0.000327	8.25E-07	6.82E-05	6.60E-03	0.006119	0.000281	6.74E-07	7.25E-05	0.006473
1813	495061.06	3859101.99	0.05426	0.06129	0.05199	0.05053	4.92E-03	0.00026	9.7E-07	0.00012	0.00529	6.21E-03	0.000327	8.26E-07	6.83E-05	6.60E-03	0.006118	0.000281	6.75E-07	7.26E-05	0.006473
1814	495111.06	3859101.99	0.05372	0.06066	0.05154	0.05004	4.87E-03	0.00026	9.6E-07	0.00012	0.00524	6.14E-03	0.000324	8.19E-07	6.77E-05	6.54E-03	0.006057	0.000279	6.69E-07	7.19E-05	0.006408
1815	495161.06	3859101.99	0.05407	0.0611	0.05193	0.05045	4.90E-03	0.00026	9.7E-07	0.00012	0.00528	6.18E-03	0.000326	8.25E-07	6.82E-05	6.58E-03	0.006096	0.000281	6.74E-07	7.24E-05	0.00645
1816	495211.06	3859101.99	0.05357	0.06053	0.05153	0.05	4.85E-03	0.00026	9.6E-07	0.00012	0.00523	6.13E-03	0.000323	8.19E-07	6.76E-05	6.52E-03	0.00604	0.000278	6.69E-07	7.18E-05	0.00639
1817	495261.06	3859101.99	0.05357	0.06054	0.05159	0.05006	4.85E-03	0.00026	9.7E-07	0.00012	0.00523	6.13E-03	0.000323	8.2E-07	6.77E-05	6.52E-03	0.00604	0.000278	6.7E-07	7.19E-05	0.006391
1818	495311.06	3859101.99	0.05342	0.06041	0.05156	0.04984	4.84E-03	0.00026	9.7E-07	0.00012	0.00521	6.11E-03	0.000323	8.19E-07	6.74E-05	6.50E-03	0.006023	0.000277	6.69E-07	7.16E-05	0.006373
1819	495361.06	3859101.99	0.0534	0.06036	0.05155	0.05	4.84E-03	0.00026	9.7E-07	0.00012	0.00521	6.11E-03	0.000322	8.19E-07	6.76E-05	6.50E-03	0.006021	0.000277	6.69E-07	7.18E-05	0.00637
1820	495411.06	3859101.99	0.05326	0.0602	0.05148	0.04991	4.83E-03	0.00025	9.6E-07	0.00012	0.0052	6.09E-03	0.000321	8.18E-07	6.75E-05	6.48E-03	0.006005	0.000276	6.68E-07	7.17E-05	0.006354
1821	495461.06	3859101.99	0.05286	0.05979	0.0513	0.04952	4.79E-03	0.00025	9.6E-07	0.00011	0.00516	6.05E-03	0.000319	8.15E-07	6.7E-05	6.43E-03	0.00596	0.000275	6.66E-07	7.11E-05	0.006306
1822	495511.06	3859101.99	0.05261	0.05948	0.05111	0.0493	4.77E-03	0.00025	9.6E-07	0.00011	0.00513	6.02E-03	0.000318	8.12E-07	6.67E-05	6.40E-03	0.005932	0.000273	6.63E-07	7.08E-05	0.006276
1823	495561.06	3859101.99	0.05209	0.05882	0.05054	0.04882	4.72E-03	0.00025	9.5E-07	0.00011	0.00508	5.96E-03	0.000314	8.03E-07	6.6E-05	6.34E-03	0.005873	0.00027	6.56E-07	7.01E-05	0.006214
1824	495611.06	3859101.99	0.05154	0.05817	0.05008	0.04824	4.67E-03	0.00025	9.4E-07	0.00011	0.00503	5.90E-03	0.000311	7.96E-07	6.52E-05	6.27E-03	0.005811	0.000267	6.5E-07	6.93E-05	0.006148
1825	495661.06	3859101.99	0.0515	0.05811	0.05008	0.04829	4.67E-03	0.00025	9.4E-07	0.00011	0.00503	5.89E-03	0.00031	7.96E-07	6.53E-05	6.27E-03	0.005807	0.000267	6.5E-07	6.93E-05	0.006143
1826	494311.06	3859151.99	0.06785	0.0757	0.06279	0.06575	6.15E-03	0.00032	1.2E-06	0.00015	0.00662	7.76E-03	0.000404	9.98E-07	8.89E-05	8.25E-03	0.00765	0.000348	8.15E-07	9.44E-05	0.008093

1827	494361.06	3859151.99	0.06752	0.07545	0.06256	0.06552	6.12E-03	0.00032	1.2E-06	0.00015	0.00659	7.72E-03	0.000403	9.94E-07	8.86E-05	8.22E-03	0.007613	0.000346	8.12E-07	9.41E-05	0.008054
1828	494411.06	3859151.99	0.0668	0.07475	0.06203	0.06463	6.05E-03	0.00032	1.2E-06	0.00015	0.00652	7.64E-03	0.000399	9.86E-07	8.74E-05	8.13E-03	0.007532	0.000343	8.05E-07	9.28E-05	0.007969
1829	494461.06	3859151.99	0.06606	0.07403	0.06147	0.06371	5.99E-03	0.00031	1.2E-06	0.00015	0.00645	7.56E-03	0.000395	9.77E-07	8.61E-05	8.04E-03	0.007448	0.00034	7.98E-07	9.15E-05	0.007881
1830	494511.06	3859151.99	0.0651	0.07305	0.06075	0.06248	5.90E-03	0.00031	1.1E-06	0.00014	0.00635	7.45E-03	0.00039	9.66E-07	8.45E-05	7.92E-03	0.00734	0.000335	7.89E-07	8.97E-05	0.007766
1831	494561.06	3859151.99	0.0645	0.07247	0.06029	0.06181	5.85E-03	0.00031	1.1E-06	0.00014	0.0063	7.38E-03	0.000387	9.58E-07	8.36E-05	7.85E-03	0.007272	0.000333	7.83E-07	8.88E-05	0.007695
1832	494611.06	3859151.99	0.06351	0.07143	0.05953	0.06058	5.76E-03	0.0003	1.1E-06	0.00014	0.0062	7.26E-03	0.000381	9.46E-07	8.19E-05	7.73E-03	0.007161	0.000328	7.73E-07	8.7E-05	0.007577
1833	494661.06	3859151.99	0.06286	0.07077	0.05902	0.05986	5.70E-03	0.0003	1.1E-06	0.00014	0.00614	7.19E-03	0.000378	9.38E-07	8.09E-05	7.65E-03	0.007087	0.000325	7.66E-07	8.6E-05	0.007499
1834	494711.06	3859151.99	0.06229	0.07019	0.05858	0.05926	5.64E-03	0.0003	1.1E-06	0.00014	0.00608	7.12E-03	0.000375	9.31E-07	8.01E-05	7.58E-03	0.007023	0.000322	7.6E-07	8.51E-05	0.007431
1835	494761.06	3859151.99	0.06111	0.06891	0.05764	0.05784	5.54E-03	0.00029	1.1E-06	0.00013	0.00596	6.99E-03	0.000368	9.16E-07	7.82E-05	7.44E-03	0.00689	0.000316	7.48E-07	8.31E-05	0.00729
1836	494811.06	3859151.99	0.06011	0.06781	0.05682	0.0567	5.45E-03	0.00029	1.1E-06	0.00013	0.00587	6.88E-03	0.000362	9.03E-07	7.67E-05	7.31E-03	0.006777	0.000311	7.38E-07	8.14E-05	0.007171
1837	494861.06	3859151.99	0.05945	0.0671	0.05629	0.05601	5.39E-03	0.00028	1.1E-06	0.00013	0.0058	6.80E-03	0.000358	8.95E-07	7.57E-05	7.23E-03	0.006703	0.000308	7.31E-07	8.04E-05	0.007092
1838	494911.06	3859151.99	0.05818	0.06567	0.05522	0.05459	5.27E-03	0.00028	1E-06	0.00013	0.00568	6.65E-03	0.000351	8.78E-07	7.38E-05	7.08E-03	0.00656	0.000302	7.17E-07	7.84E-05	0.00694
1839	494961.06	3859151.99	0.0565	0.06378	0.05384	0.05263	5.12E-03	0.00027	1E-06	0.00012	0.00551	6.46E-03	0.000341	8.56E-07	7.12E-05	6.87E-03	0.00637	0.000293	6.99E-07	7.56E-05	0.00674
1840	495011.06	3859151.99	0.05477	0.06171	0.05223	0.05094	4.96E-03	0.00026	9.8E-07	0.00012	0.00534	6.26E-03	0.00033	8.3E-07	6.89E-05	6.66E-03	0.006175	0.000283	6.78E-07	7.32E-05	0.006533
1841	495061.06	3859151.99	0.0546	0.06156	0.05213	0.05084	4.95E-03	0.00026	9.8E-07	0.00012	0.00533	6.25E-03	0.000329	8.29E-07	6.87E-05	6.64E-03	0.006156	0.000283	6.77E-07	7.3E-05	0.006513
1842	495111.06	3859151.99	0.05427	0.06121	0.05189	0.05057	4.92E-03	0.00026	9.7E-07	0.00012	0.0053	6.21E-03	0.000327	8.25E-07	6.84E-05	6.60E-03	0.006119	0.000281	6.74E-07	7.26E-05	0.006473
1843	495161.06	3859151.99	0.05459	0.06163	0.05224	0.051	4.95E-03	0.00026	9.8E-07	0.00012	0.00533	6.24E-03	0.000329	8.3E-07	6.9E-05	6.64E-03	0.006155	0.000283	6.78E-07	7.32E-05	0.006512
1844	495211.06	3859151.99	0.05432	0.06134	0.05205	0.05079	4.92E-03	0.00026	9.7E-07	0.00012	0.0053	6.21E-03	0.000328	8.27E-07	6.87E-05	6.61E-03	0.006125	0.000282	6.76E-07	7.29E-05	0.00648
1845	495261.06	3859151.99	0.05407	0.06108	0.05188	0.0506	4.90E-03	0.00026	9.7E-07	0.00012	0.00528	6.18E-03	0.000326	8.25E-07	6.84E-05	6.58E-03	0.006096	0.000281	6.73E-07	7.27E-05	0.00645
1846	495311.06	3859151.99	0.0539	0.0609	0.05177	0.05049	4.88E-03	0.00026	9.7E-07	0.00012	0.00526	6.16E-03	0.000325	8.23E-07	6.83E-05	6.56E-03	0.006077	0.00028	6.72E-07	7.25E-05	0.00643
1847	495361.06	3859151.99	0.05367	0.06065	0.05162	0.05032	4.86E-03	0.00026	9.7E-07	0.00012	0.00524	6.14E-03	0.000324	8.2E-07	6.8E-05	6.53E-03	0.006051	0.000279	6.7E-07	7.23E-05	0.006403
1848	495411.06	3859151.99	0.05391	0.06095	0.05189	0.05067	4.89E-03	0.00026	9.7E-07	0.00012	0.00526	6.17E-03	0.000325	8.25E-07	6.85E-05	6.56E-03	0.006078	0.00028	6.74E-07	7.28E-05	0.006432
1849	495461.06	3859151.99	0.05371	0.06074	0.05177	0.05053	4.87E-03	0.00026	9.7E-07	0.00012	0.00524	6.14E-03	0.000324	8.23E-07	6.83E-05	6.54E-03	0.006056	0.000279	6.72E-07	7.26E-05	0.006408
1850	495511.06	3859151.99	0.05311	0.06003	0.05126	0.04992	4.81E-03	0.00025	9.6E-07	0.00012	0.00518	6.07E-03	0.000321	8.15E-07	6.75E-05	6.46E-03	0.005988	0.000276	6.65E-07	7.17E-05	0.006336
1851	495561.06	3859151.99	0.05268	0.05953	0.05092	0.04951	4.77E-03	0.00025	9.5E-07	0.00011	0.00514	6.03E-03	0.000318	8.09E-07	6.69E-05	6.41E-03	0.00594	0.000273	6.61E-07	7.11E-05	0.006285
1852	495611.06	3859151.99	0.05231	0.0591	0.05063	0.04917	4.74E-03	0.00025	9.5E-07	0.00011	0.00511	5.98E-03	0.000316	8.05E-07	6.65E-05	6.37E-03	0.005898	0.000271	6.57E-07	7.06E-05	0.006241
1853	495661.06	3859151.99	0.052	0.05874	0.05039	0.04889	4.71E-03	0.00025	9.4E-07	0.00011	0.00508	5.95E-03	0.000314	8.01E-07	6.61E-05	6.33E-03	0.005863	0.00027	6.54E-07	7.02E-05	0.006204
1854	494311.06	3859201.99	0.06781	0.07511	0.06245	0.06639	6.15E-03	0.00032	1.2E-06	0.00015	0.00662	7.76E-03	0.000401	9.93E-07	8.98E-05	8.25E-03	0.007646	0.000345	8.11E-07	9.53E-05	0.008087
1855	494361.06	3859201.99	0.06735	0.0747	0.06212	0.06592	6.10E-03	0.00032	1.2E-06	0.00015	0.00657	7.70E-03	0.000399	9.87E-07	8.91E-05	8.19E-03	0.007594	0.000343	8.06E-07	9.47E-05	0.008032
1856	494411.06	3859201.99	0.06674	0.07415	0.06169	0.06518	6.05E-03	0.00031	1.2E-06	0.00015	0.00651	7.63E-03	0.000396	9.8E-07	8.81E-05	8.12E-03	0.007525	0.000341	8.01E-07	9.36E-05	0.00796
1857	494461.06	3859201.99	0.06589	0.07332	0.06107	0.06401	5.97E-03	0.00031	1.1E-06	0.00015	0.00643	7.54E-03	0.000391	9.71E-07	8.65E-05	8.02E-03	0.007429	0.000337	7.93E-07	9.19E-05	0.007859
1858	494511.06	3859201.99	0.06528	0.07275	0.06063	0.06329	5.92E-03	0.00031	1.1E-06	0.00015	0.00637	7.47E-03	0.000388	9.64E-07	8.56E-05	7.94E-03	0.00736	0.000334	7.87E-07	9.09E-05	0.007786
1859	494561.06	3859201.99	0.06431	0.07178	0.0599	0.06199	5.83E-03	0.0003	1.1E-06	0.00014	0.00628	7.36E-03	0.000383	9.52E-07	8.38E-05	7.82E-03	0.007251	0.00033	7.78E-07	8.9E-05	0.00767
1860	494611.06	3859201.99	0.06353	0.07101	0.05931	0.06101	5.76E-03	0.0003	1.1E-06	0.00014	0.0062	7.27E-03	0.000379	9.43E-07	8.25E-05	7.73E-03	0.007163	0.000326	7.7E-07	8.76E-05	0.007577
1861	494661.06	3859201.99	0.0629	0.07038	0.05883	0.06027	5.70E-03	0.0003	1.1E-06	0.00014	0.00614	7.19E-03	0.000376	9.35E-07	8.15E-05	7.65E-03	0.007092	0.000323	7.64E-07	8.66E-05	0.007502
1862	494711.06	3859201.99	0.06225	0.06975	0.05833	0.05953	5.64E-03	0.0003	1.1E-06	0.00014	0.00608	7.12E-03	0.000372	9.27E-07	8.05E-05	7.57E-03	0.007019	0.00032	7.57E-07	8.55E-05	0.007425
1863	494761.06	3859201.99	0.0612	0.06864	0.0575	0.05822	5.55E-03	0.00029	1.1E-06	0.00013	0.00597	7.00E-03	0.000367	9.14E-07	7.87E-05	7.45E-03	0.0069	0.000315	7.46E-07	8.36E-05	0.0073
1864	494811.06	3859201.99	0.06031	0.0677	0.05679	0.05716	5.47E-03	0.00029	1.1E-06	0.00013	0.00589	6.90E-03	0.000361	9.03E-07	7.73E-05	7.34E-03	0.0068	0.000311	7.37E-07	8.21E-05	0.007194
1865	494861.06	3859201.99	0.0593	0.06665	0.05601	0.05583	5.37E-03	0.00028	1E-06	0.00013	0.00579	6.78E-03	0.000356	8.9E-07	7.55E-05	7.21E-03	0.006686	0.000306	7.27E-07	8.02E-05	0.007073
1866	494911.06	3859201.99	0.05792	0.06507	0.05482	0.05436	5.25E-03	0.00028	1E-06	0.00013	0.00565	6.62E-03	0.000347	8.71E-07	7.35E-05	7.05E-03	0.00653	0.000299	7.12E-07	7.81E-05	0.006908
1867	494961.06	3859201.99	0.05646	0.06343	0.05357	0.05273	5.12E-03	0.00027	1E-06	0.00012	0.00551	6.46E-03	0.000339	8.51E-07	7.13E-05	6.87E-03	0.006366	0.000291	6.95E-07	7.57E-05	0.006734
1868	495011.06	3859201.99	0.0545	0.06118	0.05186	0.05058	4.94E-03	0.00026	9.7E-07	0.00012	0.00532	6.23E-03	0.000327	8.24E-07	6.84E-05	6.63E-03	0.006145	0.000281	6.73E-07	7.26E-05	0.006499
1869	495061.06	3859201.99	0.05518	0.06205	0.05251	0.05147	5.00E-03	0.00026	9.8E-07	0.00012	0.00538	6.31E-03	0.000331	8.35E-07	6.96E-05	6.71E-03	0.006222	0.000285	6.82E-07	7.39E-05	0.006581
1870	495111.06	3859201.99	0.05512	0.06204	0.0525	0.05151	5.00E-03	0.00026	9.8E-07	0.00012	0.00538	6.30E-03	0.000331	8.34E-07	6.96E-05	6.71E-03	0.006215	0.000285	6.81E-07	7.4E-05	0.006574
1871	495161.06	3859201.99	0.05497	0.06191	0.05241	0.05144	4.98E-03	0.00026	9.8E-07	0.00012	0.00536	6.29E-03	0.000331	8.33E-07	6.96E-05	6.69E-03	0.006198	0.000284	6.8E-07	7.39E-05	0.006557
1872	495211.06	3859201.99	0.05453	0.06144	0.05206	0.05104	4.94E-03	0.00026	9.7E-07	0.00012	0.00532	6.24E-03	0.000328	8.27E-07	6.9E-05	6.63E-03	0.006148	0.000282	6.76E-07	7.33E-05	0.006504
1873	495261.06	3859201.99	0.0545	0.06145	0.05208	0.0511	4.94E-03	0.00026	9.7E-07	0.00012	0.00532	6.23E-03	0.000328	8.28E-07	6.91E-05	6.63E-03	0.006145	0.000282	6.76E-07	7.34E-05	0.006501
1874	495311.06	3859201.99	0.05432	0.06128	0.05197	0.051	4.92E-03	0.00026	9.7E-07	0.00012	0.0053	6.21E-03	0.000327	8.26E-07	6.9E-05	6.61E-03	0.006125	0.000281	6.75E-07	7.32E-05	0.00648
1875	495361.06	3859201.99	0.05421	0.06119	0.05192	0.05098	4.91E-03	0.00026	9.7E-07	0.00012	0.00529	6.20E-03	0.000327	8.25E-07	6.89E-05	6.60E-03	0.006112	0.000281	6.74E-07	7.32E-05	0.006467
1876	495411.06	3859201.99	0.05434	0.06138	0.05209	0.05124	4.92E-03	0.00026	9.8E-07	0.00012	0.0053	6.22E-03	0.000328	8.28E-07	6.93E-05	6.61E-03	0.006127	0.000282	6.76E-07	7.36E-05	0.006483
1877	495461.06	3859201.99	0.05405	0.06105	0.05187	0.05099	4.90E-03	0.00026	9.7E-07	0.00012	0.00528	6.18E-03	0.000326	8.24E-07	6.89E-05	6.58E-03	0.006094	0.00028	6.73E-07	7.32E-05	0.006448
1878	495511.06	3859201.99	0.05376	0.06074	0.05166	0.05075	4.87E-03	0.00026	9.7E-07	0.00012	0.00525	6.15E-03	0.000324	8.21E-07	6.86E-05	6.54E-03	0.006061	0.000279	6.71E-07	7.29E-05	0.006414
1879	495561.06	3859201.99	0.05311	0.06	0.05113	0.05008	4.81E-03	0.00025	9.6E-07	0.00012	0.00518	6.07E-03	0.00032	8.13E-07	6.77E-05	6.46E-03	0.005988	0.000276	6.64E-07	7.19E-05	0.006336
1880	495611.06	3859201.99	0.05266	0.05949	0.05076	0.04964	4.77E-03	0.00025	9.5E-07	0.00011	0.00514	6.02E-03	0.000318	8.07E-07	6.71E-05	6.41E-03	0.005937	0.000273	6.59E-07	7.13E-05	0.006283
1881	495661.06	3859201.99	0.05236	0.05916	0.05054	0.04938	4.74E-03	0.00025	9.5E-07	0.00011	0.00511	5.99E-03	0.000316	8.03E-07	6.68E-05	6.37E-03	0.005904	0.000272	6.56E-07	7.09E-05	0.006247
1882	494311.06	3859251.99	0.06766	0.07443	0.06202	0.067	6.13E-03	0.00031	1.2E-06	0.00016	0.0066	7.74E-03	0.000397	9.86E-07	9.06E-05	8.23E-03	0.007629	0.000342	8.05E-07	9.62E-05	0.008067
1883	494361.06	3859251.99	0.06704	0.07386	0.06159	0.0662	6.08E-03	0.00031	1.2E-06	0.00015	0.00654	7.67E-03	0.000394	9.79E-07	8.95E-05	8.15E-03	0.007559	0.000339	7.99E-07	9.51E-05	0.007994
1884	494411.06	3859251.99	0.06622	0.07307	0.06103	0.06502	6.00E-03	0.00031	1.1E-06	0.00015	0.00646	7.57E-03	0.00039	9.7E-07	8.79E-05	8.05E-03	0.007466	0.000336	7.92E-07	9.34E-05	0.007896
1885	494461.06	3859251.99	0.06565	0.07255	0.06062	0.06431	5.95E-03	0.00031	1.1E-06	0.00015	0.00641	7.51E-03	0.000387	9.63E-07	8.7E-05	7.98E-03	0.007402	0.000333	7.87E-07	9.24E-05	0.007828
1886	494511.06	3859251.99	0.06474	0.07165	0.05996	0.06301	5.87E-03	0.0003	1.1E-06	0.00015	0.00632	7.40E-03	0.000383	9.53E-07	8.52E-05	7.87E-03	0.007299	0.000329	7.78E-07	9.05E-05	0.00772
1887	494561.06	3859251.99	0.06411	0.07106	0.0595	0.06222	5.81E-03	0.0003	1.1E-06	0.00014	0.00626	7.33E-03	0.000379	9.46E-07	8.41E-05	7.80E-03	0.007228	0.000326	7.72E-07	8.94E-05	0.007645

1888	494611.06	3859251.99	0.0633	0.07027	0.0589	0.06114	5.74E-03	0.0003	1.1E-06	0.00014	0.00618	7.24E-03	0.000375	9.36E-07	8.27E-05	7.70E-03	0.007137	0.000323	7.65E-07	8.78E-05	0.007548
1889	494661.06	3859251.99	0.06283	0.06984	0.05855	0.06064	5.69E-03	0.0003	1.1E-06	0.00014	0.00613	7.19E-03	0.000373	9.31E-07	8.2E-05	7.64E-03	0.007084	0.000321	7.6E-07	8.71E-05	0.007493
1890	494711.06	3859251.99	0.06221	0.06924	0.05807	0.05989	5.64E-03	0.00029	1.1E-06	0.00014	0.00607	7.12E-03	0.00037	9.23E-07	8.1E-05	7.57E-03	0.007014	0.000318	7.54E-07	8.6E-05	0.007419
1891	494761.06	3859251.99	0.06069	0.06768	0.05693	0.05766	5.50E-03	0.00029	1.1E-06	0.00013	0.00592	6.94E-03	0.000361	9.05E-07	7.8E-05	7.38E-03	0.006843	0.000311	7.39E-07	8.28E-05	0.007237
1892	494811.06	3859251.99	0.06039	0.06738	0.05666	0.05755	5.47E-03	0.00029	1.1E-06	0.00013	0.00589	6.91E-03	0.00036	9.01E-07	7.78E-05	7.35E-03	0.006809	0.000309	7.35E-07	8.26E-05	0.007202
1893	494861.06	3859251.99	0.05896	0.0659	0.05559	0.05566	5.34E-03	0.00028	1E-06	0.00013	0.00575	6.74E-03	0.000352	8.84E-07	7.53E-05	7.17E-03	0.006648	0.000303	7.22E-07	7.99E-05	0.007031
1894	494911.06	3859251.99	0.05761	0.06438	0.0544	0.0541	5.22E-03	0.00027	1E-06	0.00013	0.00562	6.59E-03	0.000344	8.65E-07	7.31E-05	7.01E-03	0.006496	0.000296	7.06E-07	7.77E-05	0.00687
1895	494961.06	3859251.99	0.05691	0.06364	0.05382	0.05335	5.16E-03	0.00027	1E-06	0.00012	0.00555	6.51E-03	0.00034	8.55E-07	7.21E-05	6.92E-03	0.006417	0.000292	6.99E-07	7.66E-05	0.006786
1896	495011.06	3859251.99	0.05605	0.06271	0.0531	0.05242	5.08E-03	0.00027	9.9E-07	0.00012	0.00547	6.41E-03	0.000335	8.44E-07	7.09E-05	6.82E-03	0.00632	0.000288	6.89E-07	7.53E-05	0.006684
1897	495061.06	3859251.99	0.05605	0.0628	0.05314	0.05256	5.08E-03	0.00027	9.9E-07	0.00012	0.00547	6.41E-03	0.000335	8.45E-07	7.11E-05	6.82E-03	0.00632	0.000288	6.9E-07	7.55E-05	0.006684
1898	495111.06	3859251.99	0.0557	0.06245	0.05286	0.05225	5.05E-03	0.00026	9.9E-07	0.00012	0.00543	6.37E-03	0.000333	8.4E-07	7.06E-05	6.78E-03	0.00628	0.000287	6.86E-07	7.5E-05	0.006643
1899	495161.06	3859251.99	0.05551	0.0623	0.05273	0.05215	5.03E-03	0.00026	9.9E-07	0.00012	0.00542	6.35E-03	0.000333	8.38E-07	7.05E-05	6.75E-03	0.006259	0.000286	6.84E-07	7.49E-05	0.00662
1900	495211.06	3859251.99	0.05511	0.0619	0.05242	0.05179	4.99E-03	0.00026	9.8E-07	0.00012	0.00538	6.30E-03	0.000331	8.33E-07	7E-05	6.70E-03	0.006214	0.000284	6.8E-07	7.44E-05	0.006573
1901	495261.06	3859251.99	0.05499	0.06186	0.05241	0.05167	4.98E-03	0.00026	9.8E-07	0.00012	0.00537	6.29E-03	0.00033	8.33E-07	6.99E-05	6.69E-03	0.0062	0.000284	6.8E-07	7.42E-05	0.006559
1902	495311.06	3859251.99	0.05492	0.06178	0.05232	0.0518	4.98E-03	0.00026	9.8E-07	0.00012	0.00536	6.28E-03	0.00033	8.32E-07	7E-05	6.68E-03	0.006192	0.000284	6.79E-07	7.44E-05	0.006551
1903	495361.06	3859251.99	0.05467	0.06155	0.05215	0.05162	4.95E-03	0.00026	9.8E-07	0.00012	0.00534	6.25E-03	0.000329	8.29E-07	6.98E-05	6.65E-03	0.006164	0.000283	6.77E-07	7.41E-05	0.006521
1904	495411.06	3859251.99	0.05472	0.06166	0.05223	0.05182	4.96E-03	0.00026	9.8E-07	0.00012	0.00534	6.26E-03	0.000329	8.3E-07	7.01E-05	6.66E-03	0.00617	0.000283	6.78E-07	7.44E-05	0.006528
1905	495461.06	3859251.99	0.05445	0.06138	0.05203	0.0516	4.93E-03	0.00026	9.7E-07	0.00012	0.00531	6.23E-03	0.000328	8.27E-07	6.98E-05	6.63E-03	0.006139	0.000282	6.75E-07	7.41E-05	0.006496
1906	495511.06	3859251.99	0.05382	0.06068	0.05152	0.05093	4.88E-03	0.00026	9.6E-07	0.00012	0.00525	6.16E-03	0.000324	8.19E-07	6.89E-05	6.55E-03	0.006068	0.000279	6.69E-07	7.31E-05	0.006421
1907	495561.06	3859251.99	0.05346	0.0603	0.05125	0.0506	4.84E-03	0.00026	9.6E-07	0.00012	0.00522	6.11E-03	0.000322	8.15E-07	6.84E-05	6.51E-03	0.006028	0.000277	6.65E-07	7.27E-05	0.006378
1908	495611.06	3859251.99	0.05292	0.05969	0.0508	0.05003	4.80E-03	0.00025	9.5E-07	0.00012	0.00517	6.05E-03	0.000319	8.07E-07	6.76E-05	6.44E-03	0.005967	0.000274	6.59E-07	7.18E-05	0.006313
1909	495661.06	3859251.99	0.05256	0.0593	0.05052	0.0497	4.76E-03	0.00025	9.5E-07	0.00012	0.00513	6.01E-03	0.000317	8.03E-07	6.72E-05	6.40E-03	0.005926	0.000272	6.56E-07	7.14E-05	0.00627
1910	494311.06	3859301.99	0.06734	0.07365	0.06144	0.06742	6.10E-03	0.00031	1.2E-06	0.00016	0.00657	7.70E-03	0.000393	9.76E-07	9.12E-05	8.19E-03	0.007593	0.000338	7.98E-07	9.68E-05	0.008028
1911	494361.06	3859301.99	0.06673	0.07306	0.06103	0.06656	6.05E-03	0.00031	1.1E-06	0.00015	0.00651	7.63E-03	0.00039	9.7E-07	9E-05	8.11E-03	0.007524	0.000336	7.92E-07	9.56E-05	0.007956
1912	494411.06	3859301.99	0.06595	0.07232	0.06052	0.0654	5.98E-03	0.00031	1.1E-06	0.00015	0.00644	7.54E-03	0.000386	9.62E-07	8.84E-05	8.02E-03	0.007436	0.000332	7.86E-07	9.39E-05	0.007863
1913	494461.06	3859301.99	0.06517	0.07157	0.05999	0.06424	5.91E-03	0.0003	1.1E-06	0.00015	0.00636	7.45E-03	0.000382	9.53E-07	8.69E-05	7.92E-03	0.007348	0.000329	7.79E-07	9.23E-05	0.00777
1914	494511.06	3859301.99	0.06446	0.07088	0.05949	0.06324	5.84E-03	0.0003	1.1E-06	0.00015	0.00629	7.37E-03	0.000378	9.45E-07	8.55E-05	7.84E-03	0.007268	0.000326	7.72E-07	9.08E-05	0.007685
1915	494561.06	3859301.99	0.06387	0.07034	0.05907	0.0625	5.79E-03	0.0003	1.1E-06	0.00014	0.00623	7.31E-03	0.000376	9.39E-07	8.45E-05	7.77E-03	0.007201	0.000323	7.67E-07	8.98E-05	0.007615
1916	494611.06	3859301.99	0.06323	0.06972	0.0586	0.06164	5.73E-03	0.00029	1.1E-06	0.00014	0.00617	7.23E-03	0.000372	9.31E-07	8.33E-05	7.69E-03	0.007129	0.00032	7.61E-07	8.85E-05	0.007539
1917	494661.06	3859301.99	0.06258	0.06911	0.05813	0.06081	5.67E-03	0.00029	1.1E-06	0.00014	0.00611	7.16E-03	0.000369	9.24E-07	8.22E-05	7.61E-03	0.007056	0.000317	7.55E-07	8.73E-05	0.007461
1918	494711.06	3859301.99	0.06181	0.06835	0.05755	0.05976	5.60E-03	0.00029	1.1E-06	0.00014	0.00603	7.07E-03	0.000365	9.15E-07	8.08E-05	7.52E-03	0.006969	0.000314	7.47E-07	8.58E-05	0.00737
1919	494761.06	3859301.99	0.06111	0.06766	0.05702	0.05886	5.54E-03	0.00029	1.1E-06	0.00014	0.00596	6.99E-03	0.000361	9.06E-07	7.96E-05	7.43E-03	0.00689	0.000311	7.4E-07	8.45E-05	0.007286
1920	494811.06	3859301.99	0.0601	0.06664	0.05625	0.0575	5.45E-03	0.00028	1.1E-06	0.00013	0.00586	6.87E-03	0.000356	8.94E-07	7.77E-05	7.31E-03	0.006776	0.000306	7.3E-07	8.26E-05	0.007166
1921	494861.06	3859301.99	0.05868	0.06513	0.05513	0.0556	5.32E-03	0.00028	1E-06	0.00013	0.00572	6.71E-03	0.000348	8.76E-07	7.52E-05	7.14E-03	0.006616	0.000299	7.16E-07	7.98E-05	0.006996
1922	494911.06	3859301.99	0.05794	0.06438	0.05453	0.05474	5.25E-03	0.00027	1E-06	0.00013	0.00565	6.63E-03	0.000344	8.67E-07	7.4E-05	7.05E-03	0.006533	0.000296	7.08E-07	7.86E-05	0.006908
1923	494961.06	3859301.99	0.05648	0.0628	0.05334	0.05287	5.12E-03	0.00027	1E-06	0.00012	0.00551	6.46E-03	0.000335	8.48E-07	7.15E-05	6.87E-03	0.006368	0.000288	6.92E-07	7.59E-05	0.006733
1924	495011.06	3859301.99	0.05592	0.06224	0.05288	0.05228	5.07E-03	0.00026	9.9E-07	0.00012	0.00545	6.40E-03	0.000332	8.4E-07	7.07E-05	6.80E-03	0.006305	0.000286	6.86E-07	7.51E-05	0.006667
1925	495061.06	3859301.99	0.05653	0.06306	0.05347	0.05323	5.12E-03	0.00027	1E-06	0.00012	0.00551	6.47E-03	0.000337	8.5E-07	7.2E-05	6.88E-03	0.006374	0.00029	6.94E-07	7.64E-05	0.00674
1926	495111.06	3859301.99	0.05573	0.0622	0.05276	0.05233	5.05E-03	0.00026	9.9E-07	0.00012	0.00544	6.37E-03	0.000332	8.39E-07	7.08E-05	6.78E-03	0.006284	0.000286	6.85E-07	7.51E-05	0.006645
1927	495161.06	3859301.99	0.05554	0.06203	0.0526	0.0523	5.03E-03	0.00026	9.8E-07	0.00012	0.00542	6.35E-03	0.000331	8.36E-07	7.07E-05	6.76E-03	0.006262	0.000285	6.83E-07	7.51E-05	0.006623
1928	495211.06	3859301.99	0.05566	0.06224	0.05273	0.05262	5.04E-03	0.00026	9.9E-07	0.00012	0.00543	6.37E-03	0.000332	8.38E-07	7.11E-05	6.77E-03	0.006276	0.000286	6.84E-07	7.56E-05	0.006638
1929	495261.06	3859301.99	0.05558	0.06222	0.05268	0.05266	5.04E-03	0.00026	9.9E-07	0.00012	0.00542	6.36E-03	0.000332	8.37E-07	7.12E-05	6.76E-03	0.006267	0.000286	6.84E-07	7.56E-05	0.006629
1930	495311.06	3859301.99	0.05504	0.06165	0.05225	0.05209	4.99E-03	0.00026	9.8E-07	0.00012	0.00537	6.30E-03	0.000329	8.3E-07	7.04E-05	6.70E-03	0.006206	0.000283	6.78E-07	7.48E-05	0.006564
1931	495361.06	3859301.99	0.05502	0.0617	0.05226	0.05222	4.99E-03	0.00026	9.8E-07	0.00012	0.00537	6.29E-03	0.000329	8.31E-07	7.06E-05	6.69E-03	0.006203	0.000283	6.78E-07	7.5E-05	0.006563
1932	495411.06	3859301.99	0.05483	0.06154	0.05213	0.05211	4.97E-03	0.00026	9.8E-07	0.00012	0.00535	6.27E-03	0.000329	8.29E-07	7.05E-05	6.67E-03	0.006182	0.000283	6.77E-07	7.48E-05	0.00654
1933	495461.06	3859301.99	0.0547	0.06144	0.05204	0.05209	4.96E-03	0.00026	9.7E-07	0.00012	0.00534	6.26E-03	0.000328	8.27E-07	7.04E-05	6.66E-03	0.006167	0.000282	6.75E-07	7.48E-05	0.006525
1934	495511.06	3859301.99	0.05421	0.06093	0.05166	0.05158	4.91E-03	0.00026	9.7E-07	0.00012	0.00529	6.20E-03	0.000325	8.21E-07	6.97E-05	6.60E-03	0.006112	0.00028	6.71E-07	7.41E-05	0.006467
1935	495561.06	3859301.99	0.05343	0.06007	0.05102	0.05069	4.84E-03	0.00025	9.6E-07	0.00012	0.00521	6.11E-03	0.000321	8.11E-07	6.85E-05	6.50E-03	0.006024	0.000276	6.62E-07	7.28E-05	0.006374
1936	495611.06	3859301.99	0.05309	0.05972	0.05076	0.05037	4.81E-03	0.00025	9.5E-07	0.00012	0.00518	6.07E-03	0.000319	8.07E-07	6.81E-05	6.46E-03	0.005986	0.000274	6.59E-07	7.23E-05	0.006333
1937	495661.06	3859301.99	0.05273	0.05934	0.05048	0.05004	4.78E-03	0.00025	9.5E-07	0.00012	0.00515	6.03E-03	0.000317	8.02E-07	6.77E-05	6.42E-03	0.005945	0.000273	6.55E-07	7.19E-05	0.00629
1938	494311.06	3859351.99	0.06679	0.0727	0.06071	0.0674	6.05E-03	0.00031	1.1E-06	0.00016	0.00652	7.64E-03	0.000388	9.65E-07	9.11E-05	8.12E-03	0.007531	0.000334	7.88E-07	9.68E-05	0.007962
1939	494361.06	3859351.99	0.06619	0.07213	0.06033	0.06656	6.00E-03	0.00031	1.1E-06	0.00015	0.00646	7.57E-03	0.000385	9.59E-07	9E-05	8.05E-03	0.007463	0.000331	7.83E-07	9.56E-05	0.007891
1940	494411.06	3859351.99	0.0654	0.07135	0.05982	0.06529	5.93E-03	0.0003	1.1E-06	0.00015	0.00638	7.48E-03	0.000381	9.51E-07	8.83E-05	7.95E-03	0.007374	0.000328	7.76E-07	9.38E-05	0.007796
1941	494461.06	3859351.99	0.06469	0.07067	0.05936	0.06424	5.86E-03	0.0003	1.1E-06	0.00015	0.00631	7.40E-03	0.000377	9.43E-07	8.69E-05	7.86E-03	0.007294	0.000325	7.71E-07	9.23E-05	0.007711
1942	494511.06	3859351.99	0.06405	0.07004	0.05892	0.06332	5.80E-03	0.0003	1.1E-06	0.00015	0.00625	7.33E-03	0.000374	9.36E-07	8.56E-05	7.79E-03	0.007222	0.000322	7.65E-07	9.09E-05	0.007635
1943	494561.06	3859351.99	0.06354	0.06957	0.05856	0.06269	5.76E-03	0.00029	1.1E-06	0.00015	0.0062	7.27E-03	0.000371	9.31E-07	8.48E-05	7.72E-03	0.007164	0.000319	7.6E-07	9E-05	0.007574
1944	494611.06	3859351.99	0.06296	0.06901	0.05815	0.06191	5.71E-03	0.00029	1.1E-06	0.00014	0.00614	7.20E-03	0.000368	9.24E-07	8.37E-05	7.65E-03	0.007099	0.000317	7.55E-07	8.89E-05	0.007505
1945	494661.06	3859351.99	0.06234	0.06842	0.0577	0.06107	5.65E-03	0.00029	1.1E-06	0.00014	0.00608	7.13E-03	0.000365	9.17E-07	8.26E-05	7.58E-03	0.007029	0.000314	7.49E-07	8.77E-05	0.007431
1946	494711.06	3859351.99	0.06155	0.06764	0.05714	0.05994	5.58E-03	0.00029	1.1E-06	0.00014	0.006	7.04E-03	0.000361	9.08E-07	8.1E-05	7.48E-03	0.00694	0.000311	7.42E-07	8.61E-05	0.007337
1947	494761.06	3859351.99	0.06055	0.0667	0.05646	0.05843	5.49E-03	0.00028	1.1E-06	0.00014	0.00591	6.93E-03	0.000356	8.97E-07	7.9E-05	7.36E-03	0.006827	0.000306	7.33E-07	8.39E-05	0.007218
1948	494811.06	3859351.99	0.05913	0.06516	0.05533	0.05643	5.36E-03	0.00028	1E-06	0.00013	0.00577	6.76E-03	0.000348	8.79E-07	7.63E-05	7.19E-03	0.006667	0.000299	7.18E-07	8.1E-05	0.007048

1949	494861.06	3859351.99	0.05855	0.06459	0.05487	0.05575	5.31E-03	0.00027	1E-06	0.00013	0.00571	6.70E-03	0.000345	8.72E-07	7.54E-05	7.12E-03	0.006601	0.000297	7.12E-07	8.01E-05	0.006979
1950	494911.06	3859351.99	0.05815	0.06423	0.05455	0.05535	5.27E-03	0.00027	1E-06	0.00013	0.00567	6.65E-03	0.000343	8.67E-07	7.48E-05	7.07E-03	0.006556	0.000295	7.08E-07	7.95E-05	0.006932
1951	494961.06	3859351.99	0.05747	0.06356	0.05402	0.05454	5.21E-03	0.00027	1E-06	0.00013	0.0056	6.57E-03	0.000339	8.59E-07	7.37E-05	6.99E-03	0.00648	0.000292	7.01E-07	7.83E-05	0.006851
1952	495011.06	3859351.99	0.05698	0.06308	0.05362	0.05401	5.16E-03	0.00027	1E-06	0.00013	0.00556	6.52E-03	0.000337	8.52E-07	7.3E-05	6.93E-03	0.006424	0.00029	6.96E-07	7.76E-05	0.006792
1953	495061.06	3859351.99	0.0572	0.06341	0.0538	0.05451	5.18E-03	0.00027	1E-06	0.00013	0.00558	6.54E-03	0.000339	8.55E-07	7.37E-05	6.96E-03	0.006449	0.000291	6.98E-07	7.83E-05	0.006819
1954	495111.06	3859351.99	0.05666	0.06288	0.05336	0.0539	5.13E-03	0.00027	1E-06	0.00012	0.00553	6.48E-03	0.000336	8.48E-07	7.29E-05	6.89E-03	0.006388	0.000289	6.93E-07	7.74E-05	0.006755
1955	495161.06	3859351.99	0.05638	0.06264	0.05315	0.05367	5.11E-03	0.00026	9.9E-07	0.00012	0.0055	6.45E-03	0.000334	8.45E-07	7.26E-05	6.86E-03	0.006357	0.000288	6.9E-07	7.71E-05	0.006722
1956	495211.06	3859351.99	0.05607	0.06236	0.0529	0.0534	5.08E-03	0.00026	9.9E-07	0.00012	0.00547	6.41E-03	0.000333	8.41E-07	7.22E-05	6.82E-03	0.006322	0.000286	6.87E-07	7.67E-05	0.006686
1957	495261.06	3859351.99	0.05594	0.0623	0.05281	0.05341	5.07E-03	0.00026	9.9E-07	0.00012	0.00546	6.40E-03	0.000333	8.39E-07	7.22E-05	6.80E-03	0.006307	0.000286	6.85E-07	7.67E-05	0.006671
1958	495311.06	3859351.99	0.05549	0.06185	0.05245	0.05292	5.03E-03	0.00026	9.8E-07	0.00012	0.00541	6.35E-03	0.00033	8.34E-07	7.16E-05	6.75E-03	0.006256	0.000284	6.81E-07	7.6E-05	0.006617
1959	495361.06	3859351.99	0.05521	0.0616	0.05223	0.05269	5.00E-03	0.00026	9.8E-07	0.00012	0.00539	6.31E-03	0.000329	8.3E-07	7.12E-05	6.72E-03	0.006225	0.000283	6.78E-07	7.57E-05	0.006584
1960	495411.06	3859351.99	0.05506	0.0615	0.05213	0.05265	4.99E-03	0.00026	9.8E-07	0.00012	0.00537	6.30E-03	0.000328	8.29E-07	7.12E-05	6.70E-03	0.006208	0.000282	6.77E-07	7.56E-05	0.006567
1961	495461.06	3859351.99	0.055	0.06149	0.05209	0.05275	4.98E-03	0.00026	9.8E-07	0.00012	0.00537	6.29E-03	0.000328	8.28E-07	7.13E-05	6.69E-03	0.006201	0.000282	6.76E-07	7.58E-05	0.00656
1962	495511.06	3859351.99	0.05437	0.06084	0.0516	0.052	4.93E-03	0.00026	9.7E-07	0.00012	0.00531	6.22E-03	0.000325	8.2E-07	7.03E-05	6.61E-03	0.00613	0.000279	6.7E-07	7.47E-05	0.006485
1963	495561.06	3859351.99	0.05389	0.06035	0.05122	0.05149	4.88E-03	0.00026	9.6E-07	0.00012	0.00526	6.16E-03	0.000322	8.14E-07	6.96E-05	6.56E-03	0.006076	0.000277	6.65E-07	7.39E-05	0.006428
1964	495611.06	3859351.99	0.05355	0.06001	0.05096	0.05117	4.85E-03	0.00025	9.5E-07	0.00012	0.00523	6.12E-03	0.00032	8.1E-07	6.92E-05	6.52E-03	0.006038	0.000276	6.61E-07	7.35E-05	0.006387
1965	495661.06	3859351.99	0.0529	0.05932	0.05044	0.05042	4.79E-03	0.00025	9.4E-07	0.00012	0.00516	6.05E-03	0.000317	8.02E-07	6.82E-05	6.44E-03	0.005964	0.000272	6.55E-07	7.24E-05	0.00631
1966	494311.06	3859401.99	0.06631	0.07192	0.06	0.06766	6.01E-03	0.0003	1.1E-06	0.00016	0.00647	7.58E-03	0.000384	9.54E-07	9.15E-05	8.06E-03	0.007476	0.00033	7.79E-07	9.72E-05	0.007905
1967	494361.06	3859401.99	0.06559	0.0712	0.05957	0.06644	5.94E-03	0.0003	1.1E-06	0.00015	0.0064	7.50E-03	0.00038	9.47E-07	8.98E-05	7.97E-03	0.007395	0.000327	7.73E-07	9.54E-05	0.007818
1968	494411.06	3859401.99	0.06481	0.07044	0.0591	0.06515	5.87E-03	0.0003	1.1E-06	0.00015	0.00632	7.41E-03	0.000376	9.39E-07	8.81E-05	7.88E-03	0.007307	0.000323	7.67E-07	9.36E-05	0.007725
1969	494461.06	3859401.99	0.0642	0.06983	0.05871	0.06424	5.82E-03	0.0003	1.1E-06	0.00015	0.00626	7.34E-03	0.000373	9.33E-07	8.69E-05	7.80E-03	0.007239	0.000321	7.62E-07	9.23E-05	0.007652
1970	494511.06	3859401.99	0.06375	0.0694	0.0584	0.06371	5.78E-03	0.00029	1.1E-06	0.00015	0.00622	7.29E-03	0.000371	9.28E-07	8.61E-05	7.75E-03	0.007188	0.000319	7.58E-07	9.15E-05	0.007599
1971	494561.06	3859401.99	0.06324	0.0689	0.05805	0.06302	5.73E-03	0.00029	1.1E-06	0.00015	0.00617	7.23E-03	0.000368	9.23E-07	8.52E-05	7.69E-03	0.00713	0.000316	7.54E-07	9.05E-05	0.007538
1972	494611.06	3859401.99	0.06261	0.06829	0.05762	0.0621	5.67E-03	0.00029	1.1E-06	0.00014	0.00611	7.16E-03	0.000365	9.16E-07	8.4E-05	7.61E-03	0.007059	0.000314	7.48E-07	8.92E-05	0.007463
1973	494661.06	3859401.99	0.06214	0.06784	0.05729	0.06151	5.63E-03	0.00029	1.1E-06	0.00014	0.00606	7.11E-03	0.000362	9.11E-07	8.32E-05	7.55E-03	0.007006	0.000312	7.44E-07	8.83E-05	0.007407
1974	494711.06	3859401.99	0.06157	0.06729	0.05689	0.06074	5.58E-03	0.00028	1.1E-06	0.00014	0.00601	7.04E-03	0.000359	9.04E-07	8.21E-05	7.48E-03	0.006942	0.000309	7.38E-07	8.72E-05	0.007339
1975	494761.06	3859401.99	0.06056	0.06634	0.05625	0.05913	5.49E-03	0.00028	1.1E-06	0.00014	0.00591	6.93E-03	0.000354	8.94E-07	8E-05	7.36E-03	0.006828	0.000305	7.3E-07	8.49E-05	0.007218
1976	494811.06	3859401.99	0.05975	0.06547	0.0556	0.05797	5.41E-03	0.00028	1E-06	0.00013	0.00583	6.83E-03	0.00035	8.84E-07	7.84E-05	7.26E-03	0.006737	0.000301	7.22E-07	8.32E-05	0.007121
1977	494861.06	3859401.99	0.05873	0.06443	0.05484	0.05648	5.32E-03	0.00027	1E-06	0.00013	0.00573	6.72E-03	0.000344	8.72E-07	7.64E-05	7.14E-03	0.006622	0.000296	7.12E-07	8.11E-05	0.006999
1978	494911.06	3859401.99	0.05808	0.06383	0.05437	0.05555	5.26E-03	0.00027	1E-06	0.00013	0.00566	6.64E-03	0.000341	8.64E-07	7.51E-05	7.06E-03	0.006549	0.000293	7.06E-07	7.98E-05	0.006922
1979	494961.06	3859401.99	0.05768	0.06342	0.05403	0.05523	5.23E-03	0.00027	1E-06	0.00013	0.00562	6.60E-03	0.000339	8.59E-07	7.47E-05	7.01E-03	0.006503	0.000291	7.01E-07	7.93E-05	0.006875
1980	495011.06	3859401.99	0.05741	0.06319	0.0538	0.05501	5.20E-03	0.00027	1E-06	0.00013	0.0056	6.57E-03	0.000337	8.55E-07	7.44E-05	6.98E-03	0.006473	0.00029	6.98E-07	7.9E-05	0.006843
1981	495061.06	3859401.99	0.05724	0.06313	0.05372	0.05489	5.19E-03	0.00027	1E-06	0.00013	0.00558	6.55E-03	0.000337	8.54E-07	7.42E-05	6.96E-03	0.006454	0.00029	6.97E-07	7.88E-05	0.006823
1982	495111.06	3859401.99	0.05668	0.06258	0.05327	0.05419	5.14E-03	0.00026	1E-06	0.00013	0.00553	6.48E-03	0.000334	8.47E-07	7.33E-05	6.89E-03	0.006391	0.000287	6.91E-07	7.78E-05	0.006757
1983	495161.06	3859401.99	0.05647	0.06237	0.05305	0.05415	5.12E-03	0.00026	9.9E-07	0.00013	0.00551	6.46E-03	0.000333	8.43E-07	7.32E-05	6.87E-03	0.006367	0.000286	6.89E-07	7.78E-05	0.006732
1984	495211.06	3859401.99	0.05636	0.06232	0.05296	0.05419	5.11E-03	0.00026	9.9E-07	0.00013	0.0055	6.45E-03	0.000333	8.42E-07	7.33E-05	6.85E-03	0.006355	0.000286	6.87E-07	7.78E-05	0.006719
1985	495261.06	3859401.99	0.05607	0.06207	0.05273	0.05394	5.08E-03	0.00026	9.9E-07	0.00012	0.00547	6.41E-03	0.000331	8.38E-07	7.29E-05	6.82E-03	0.006322	0.000285	6.84E-07	7.75E-05	0.006685
1986	495311.06	3859401.99	0.05573	0.06177	0.05247	0.05361	5.05E-03	0.00026	9.8E-07	0.00012	0.00544	6.37E-03	0.00033	8.34E-07	7.25E-05	6.78E-03	0.006284	0.000284	6.81E-07	7.7E-05	0.006645
1987	495361.06	3859401.99	0.05568	0.06178	0.05243	0.05373	5.05E-03	0.00026	9.8E-07	0.00012	0.00543	6.37E-03	0.00033	8.33E-07	7.26E-05	6.77E-03	0.006278	0.000284	6.81E-07	7.72E-05	0.006639
1988	495411.06	3859401.99	0.05546	0.0616	0.05225	0.05358	5.03E-03	0.00026	9.8E-07	0.00012	0.00541	6.34E-03	0.000329	8.3E-07	7.24E-05	6.75E-03	0.006253	0.000283	6.78E-07	7.69E-05	0.006614
1989	495461.06	3859401.99	0.05506	0.06122	0.05194	0.05315	4.99E-03	0.00026	9.7E-07	0.00012	0.00537	6.30E-03	0.000327	8.25E-07	7.19E-05	6.70E-03	0.006208	0.000281	6.74E-07	7.63E-05	0.006566
1990	495511.06	3859401.99	0.05448	0.06064	0.05149	0.05245	4.94E-03	0.00026	9.6E-07	0.00012	0.00532	6.23E-03	0.000324	8.18E-07	7.09E-05	6.63E-03	0.006143	0.000278	6.68E-07	7.53E-05	0.006497
1991	495561.06	3859401.99	0.0538	0.05994	0.05096	0.0516	4.88E-03	0.00025	9.5E-07	0.00012	0.00525	6.15E-03	0.00032	8.1E-07	6.98E-05	6.54E-03	0.006066	0.000275	6.61E-07	7.41E-05	0.006416
1992	495611.06	3859401.99	0.05341	0.05956	0.05066	0.05121	4.84E-03	0.00025	9.5E-07	0.00012	0.00521	6.11E-03	0.000318	8.05E-07	6.92E-05	6.50E-03	0.006022	0.000274	6.58E-07	7.35E-05	0.00637
1993	495661.06	3859401.99	0.05309	0.05925	0.0504	0.0509	4.81E-03	0.00025	9.4E-07	0.00012	0.00518	6.07E-03	0.000316	8.01E-07	6.88E-05	6.46E-03	0.005986	0.000272	6.54E-07	7.31E-05	0.006332
1994	494311.06	3859451.99	0.06554	0.07092	0.05912	0.06722	5.94E-03	0.0003	1.1E-06	0.00016	0.0064	7.50E-03	0.000379	9.4E-07	9.09E-05	7.97E-03	0.00739	0.000326	7.67E-07	9.65E-05	0.007813
1995	494361.06	3859451.99	0.06491	0.07028	0.05877	0.06618	5.88E-03	0.0003	1.1E-06	0.00015	0.00633	7.42E-03	0.000375	9.34E-07	8.95E-05	7.89E-03	0.007319	0.000323	7.63E-07	9.5E-05	0.007737
1996	494411.06	3859451.99	0.06403	0.06941	0.05827	0.06457	5.80E-03	0.00029	1.1E-06	0.00015	0.00625	7.32E-03	0.000371	9.26E-07	8.73E-05	7.78E-03	0.007219	0.000319	7.56E-07	9.27E-05	0.007632
1997	494461.06	3859451.99	0.06367	0.06903	0.05802	0.06421	5.77E-03	0.00029	1.1E-06	0.00015	0.00621	7.28E-03	0.000369	9.22E-07	8.68E-05	7.74E-03	0.007179	0.000317	7.53E-07	9.22E-05	0.007589
1998	494511.06	3859451.99	0.0631	0.06846	0.05765	0.06338	5.72E-03	0.00029	1.1E-06	0.00015	0.00616	7.22E-03	0.000366	9.16E-07	8.57E-05	7.67E-03	0.007115	0.000314	7.48E-07	9.1E-05	0.007521
1999	494561.06	3859451.99	0.06262	0.06798	0.05733	0.06274	5.67E-03	0.00029	1.1E-06	0.00015	0.00611	7.16E-03	0.000363	9.11E-07	8.48E-05	7.61E-03	0.00706	0.000312	7.44E-07	9.01E-05	0.007463
2000	494611.06	3859451.99	0.0623	0.06767	0.0571	0.06247	5.65E-03	0.00029	1.1E-06	0.00014	0.00608	7.13E-03	0.000361	9.07E-07	8.45E-05	7.57E-03	0.007024	0.000311	7.41E-07	8.97E-05	0.007426
2001	494661.06	3859451.99	0.06169	0.06706	0.0567	0.06153	5.59E-03	0.00028	1.1E-06	0.00014	0.00602	7.06E-03	0.000358	9.01E-07	8.32E-05	7.50E-03	0.006956	0.000308	7.36E-07	8.84E-05	0.007353
2002	494711.06	3859451.99	0.06106	0.06644	0.05627	0.06059	5.53E-03	0.00028	1.1E-06	0.00014	0.00596	6.98E-03	0.000355	8.94E-07	8.19E-05	7.42E-03	0.006884	0.000305	7.3E-07	8.7E-05	0.007277
2003	494761.06	3859451.99	0.06052	0.06591	0.0559	0.05985	5.48E-03	0.00028	1E-06	0.00014	0.0059	6.92E-03	0.000352	8.88E-07	8.09E-05	7.36E-03	0.006824	0.000303	7.26E-07	8.59E-05	0.007213
2004	494811.06	3859451.99	0.05971	0.0651	0.05534	0.05858	5.41E-03	0.00028	1E-06	0.00014	0.00582	6.83E-03	0.000348	8.8E-07	7.92E-05	7.26E-03	0.006732	0.000299	7.18E-07	8.41E-05	0.007116
2005	494861.06	3859451.99	0.05901	0.06442	0.05484	0.05758	5.35E-03	0.00027	1E-06	0.00013	0.00575	6.75E-03	0.000344	8.72E-07	7.79E-05	7.17E-03	0.006653	0.000296	7.12E-07	8.27E-05	0.007033
2006	494911.06	3859451.99	0.05847	0.06389	0.05444	0.05687	5.30E-03	0.00027	1E-06	0.00013	0.0057	6.69E-03	0.000341	8.65E-07	7.69E-05	7.11E-03	0.006592	0.000293	7.07E-07	8.17E-05	0.006968
2007	494961.06	3859451.99	0.05814	0.06358	0.05418	0.05653	5.27E-03	0.00027	1E-06	0.00013	0.00567	6.65E-03	0.000339	8.61E-07	7.64E-05	7.07E-03	0.006555	0.000292	7.03E-07	8.12E-05	0.006929
2008	495011.06	3859451.99	0.05772	0.06319	0.05386	0.05606	5.23E-03	0.00027	1E-06	0.00013	0.00563	6.60E-03	0.000337	8.56E-07	7.58E-05	7.02E-03	0.006508	0.00029	6.99E-07	8.05E-05	0.006879
2009	495061.06	3859451.99	0.05731	0.06281	0.05354	0.05558	5.19E-03	0.00027	1E-06	0.00013	0.00559	6.56E-03	0.000335	8.51E-07	7.52E-05	6.97E-03	0.006462	0.000288	6.95E-07	7.98E-05	0.006831

2010	495111.06	3859451.99	0.05688	0.06241	0.05321	0.05509	5.15E-03	0.00026	1E-06	0.00013	0.00555	6.51E-03	0.000333	8.46E-07	7.45E-05	6.91E-03	0.006413	0.000287	6.91E-07	7.91E-05	0.00678
2011	495161.06	3859451.99	0.05667	0.06224	0.05304	0.05496	5.14E-03	0.00026	9.9E-07	0.00013	0.00553	6.48E-03	0.000332	8.43E-07	7.43E-05	6.89E-03	0.00639	0.000286	6.88E-07	7.89E-05	0.006755
2012	495211.06	3859451.99	0.05652	0.06214	0.05291	0.05494	5.12E-03	0.00026	9.9E-07	0.00013	0.00551	6.46E-03	0.000332	8.41E-07	7.43E-05	6.87E-03	0.006373	0.000285	6.87E-07	7.89E-05	0.006738
2013	495261.06	3859451.99	0.05635	0.06201	0.05276	0.05487	5.11E-03	0.00026	9.9E-07	0.00013	0.0055	6.45E-03	0.000331	8.39E-07	7.42E-05	6.85E-03	0.006353	0.000285	6.85E-07	7.88E-05	0.006718
2014	495311.06	3859451.99	0.05601	0.06171	0.05249	0.05452	5.08E-03	0.00026	9.8E-07	0.00013	0.00546	6.41E-03	0.00033	8.34E-07	7.37E-05	6.81E-03	0.006315	0.000283	6.81E-07	7.83E-05	0.006677
2015	495361.06	3859451.99	0.05574	0.06148	0.05228	0.05429	5.05E-03	0.00026	9.8E-07	0.00013	0.00544	6.38E-03	0.000328	8.31E-07	7.34E-05	6.78E-03	0.006285	0.000282	6.79E-07	7.8E-05	0.006646
2016	495411.06	3859451.99	0.05539	0.06116	0.05201	0.05391	5.02E-03	0.00026	9.7E-07	0.00012	0.0054	6.34E-03	0.000327	8.27E-07	7.29E-05	6.74E-03	0.006245	0.000281	6.75E-07	7.74E-05	0.006604
2017	495461.06	3859451.99	0.0551	0.06091	0.05178	0.05365	4.99E-03	0.00026	9.7E-07	0.00012	0.00538	6.30E-03	0.000325	8.23E-07	7.25E-05	6.70E-03	0.006213	0.00028	6.72E-07	7.7E-05	0.00657
2018	495511.06	3859451.99	0.05447	0.06028	0.0513	0.05281	4.94E-03	0.00026	9.6E-07	0.00012	0.00531	6.23E-03	0.000322	8.15E-07	7.14E-05	6.62E-03	0.006141	0.000277	6.66E-07	7.58E-05	0.006495
2019	495561.06	3859451.99	0.05406	0.05989	0.05098	0.05234	4.90E-03	0.00025	9.5E-07	0.00012	0.00527	6.18E-03	0.00032	8.1E-07	7.08E-05	6.57E-03	0.006095	0.000275	6.62E-07	7.52E-05	0.006446
2020	495611.06	3859451.99	0.05366	0.05951	0.05066	0.0519	4.86E-03	0.00025	9.5E-07	0.00012	0.00524	6.14E-03	0.000318	8.05E-07	7.02E-05	6.53E-03	0.00605	0.000273	6.58E-07	7.45E-05	0.006399
2021	495661.06	3859451.99	0.05329	0.05916	0.05038	0.0515	4.83E-03	0.00025	9.4E-07	0.00012	0.0052	6.10E-03	0.000316	8.01E-07	6.96E-05	6.48E-03	0.006008	0.000272	6.54E-07	7.4E-05	0.006355
2022	494311.06	3859501.99	0.06484	0.07003	0.05827	0.067	5.88E-03	0.0003	1.1E-06	0.00016	0.00633	7.42E-03	0.000374	9.26E-07	9.06E-05	7.88E-03	0.007311	0.000322	7.56E-07	9.62E-05	0.007729
2023	494361.06	3859501.99	0.06425	0.06943	0.05795	0.06599	5.82E-03	0.00029	1.1E-06	0.00015	0.00627	7.35E-03	0.000371	9.21E-07	8.92E-05	7.81E-03	0.007244	0.000319	7.52E-07	9.48E-05	0.007659
2024	494411.06	3859501.99	0.06326	0.06845	0.05744	0.06402	5.73E-03	0.00029	1.1E-06	0.00015	0.00617	7.24E-03	0.000365	9.13E-07	8.66E-05	7.69E-03	0.007133	0.000314	7.46E-07	9.19E-05	0.00754
2025	494461.06	3859501.99	0.06314	0.0683	0.05731	0.06425	5.72E-03	0.00029	1.1E-06	0.00015	0.00616	7.22E-03	0.000365	9.11E-07	8.69E-05	7.67E-03	0.007119	0.000314	7.44E-07	9.23E-05	0.007526
2026	494511.06	3859501.99	0.06255	0.0677	0.05695	0.06331	5.67E-03	0.00029	1.1E-06	0.00015	0.0061	7.15E-03	0.000361	9.05E-07	8.56E-05	7.60E-03	0.007052	0.000311	7.39E-07	9.09E-05	0.007455
2027	494561.06	3859501.99	0.06203	0.06716	0.05662	0.06254	5.62E-03	0.00028	1.1E-06	0.00014	0.00605	7.09E-03	0.000359	9E-07	8.46E-05	7.54E-03	0.006994	0.000308	7.35E-07	8.98E-05	0.007393
2028	494611.06	3859501.99	0.06195	0.06707	0.05651	0.06283	5.61E-03	0.00028	1.1E-06	0.00015	0.00604	7.09E-03	0.000358	8.98E-07	8.5E-05	7.53E-03	0.006985	0.000308	7.34E-07	9.02E-05	0.007384
2029	494661.06	3859501.99	0.06129	0.06641	0.05611	0.06174	5.55E-03	0.00028	1.1E-06	0.00014	0.00598	7.01E-03	0.000355	8.92E-07	8.35E-05	7.45E-03	0.00691	0.000305	7.28E-07	8.87E-05	0.007305
2030	494711.06	3859501.99	0.06051	0.06562	0.05563	0.06039	5.48E-03	0.00028	1E-06	0.00014	0.0059	6.92E-03	0.00035	8.84E-07	8.17E-05	7.35E-03	0.006822	0.000301	7.22E-07	8.67E-05	0.007211
2031	494761.06	3859501.99	0.06029	0.06542	0.05545	0.06032	5.46E-03	0.00028	1E-06	0.00014	0.00588	6.90E-03	0.000349	8.81E-07	8.16E-05	7.33E-03	0.006798	0.0003	7.2E-07	8.66E-05	0.007185
2032	494811.06	3859501.99	0.05928	0.0644	0.0548	0.05855	5.37E-03	0.00027	1E-06	0.00014	0.00578	6.78E-03	0.000344	8.71E-07	7.92E-05	7.20E-03	0.006684	0.000296	7.11E-07	8.41E-05	0.007064
2033	494861.06	3859501.99	0.05883	0.06395	0.05448	0.05797	5.33E-03	0.00027	1E-06	0.00013	0.00574	6.73E-03	0.000341	8.66E-07	7.84E-05	7.15E-03	0.006633	0.000294	7.07E-07	8.32E-05	0.007011
2034	494911.06	3859501.99	0.05853	0.06366	0.05425	0.05769	5.30E-03	0.00027	1E-06	0.00013	0.00571	6.69E-03	0.00034	8.62E-07	7.8E-05	7.11E-03	0.006599	0.000292	7.04E-07	8.28E-05	0.006975
2035	494961.06	3859501.99	0.05796	0.06311	0.05384	0.0569	5.25E-03	0.00027	1E-06	0.00013	0.00565	6.63E-03	0.000337	8.56E-07	7.69E-05	7.04E-03	0.006535	0.00029	6.99E-07	8.17E-05	0.006907
2036	495011.06	3859501.99	0.05768	0.06284	0.05362	0.05664	5.23E-03	0.00027	1E-06	0.00013	0.00563	6.60E-03	0.000336	8.52E-07	7.66E-05	7.01E-03	0.006503	0.000289	6.96E-07	8.13E-05	0.006874
2037	495061.06	3859501.99	0.05741	0.0626	0.0534	0.05641	5.20E-03	0.00026	1E-06	0.00013	0.0056	6.57E-03	0.000334	8.49E-07	7.63E-05	6.98E-03	0.006473	0.000287	6.93E-07	8.1E-05	0.006842
2038	495111.06	3859501.99	0.05687	0.06207	0.053	0.05566	5.15E-03	0.00026	9.9E-07	0.00013	0.00555	6.50E-03	0.000331	8.42E-07	7.53E-05	6.91E-03	0.006412	0.000285	6.88E-07	7.99E-05	0.006778
2039	495161.06	3859501.99	0.05662	0.06185	0.0528	0.05547	5.13E-03	0.00026	9.9E-07	0.00013	0.00552	6.48E-03	0.00033	8.39E-07	7.5E-05	6.88E-03	0.006384	0.000284	6.85E-07	7.97E-05	0.006748
2040	495211.06	3859501.99	0.05649	0.06176	0.05268	0.05548	5.12E-03	0.00026	9.9E-07	0.00013	0.00551	6.46E-03	0.00033	8.37E-07	7.5E-05	6.87E-03	0.006369	0.000284	6.84E-07	7.97E-05	0.006733
2041	495261.06	3859501.99	0.05623	0.06154	0.05247	0.05527	5.10E-03	0.00026	9.8E-07	0.00013	0.00549	6.43E-03	0.000329	8.34E-07	7.47E-05	6.84E-03	0.00634	0.000283	6.81E-07	7.94E-05	0.006703
2042	495311.06	3859501.99	0.05603	0.06137	0.0523	0.05515	5.08E-03	0.00026	9.8E-07	0.00013	0.00547	6.41E-03	0.000328	8.31E-07	7.46E-05	6.81E-03	0.006317	0.000282	6.79E-07	7.92E-05	0.006679
2043	495361.06	3859501.99	0.05573	0.0611	0.05206	0.05485	5.05E-03	0.00026	9.7E-07	0.00013	0.00544	6.37E-03	0.000326	8.27E-07	7.42E-05	6.78E-03	0.006284	0.000281	6.76E-07	7.88E-05	0.006644
2044	495411.06	3859501.99	0.05544	0.06086	0.05184	0.05458	5.02E-03	0.00026	9.7E-07	0.00013	0.00541	6.34E-03	0.000325	8.24E-07	7.38E-05	6.74E-03	0.006251	0.000279	6.73E-07	7.84E-05	0.006609
2045	495461.06	3859501.99	0.0551	0.06054	0.05157	0.05419	4.99E-03	0.00026	9.7E-07	0.00013	0.00538	6.30E-03	0.000323	8.2E-07	7.33E-05	6.70E-03	0.006213	0.000278	6.69E-07	7.78E-05	0.006569
2046	495511.06	3859501.99	0.05439	0.05988	0.05108	0.05309	4.93E-03	0.00025	9.6E-07	0.00012	0.00531	6.22E-03	0.00032	8.12E-07	7.18E-05	6.61E-03	0.006132	0.000275	6.63E-07	7.62E-05	0.006484
2047	495561.06	3859501.99	0.05419	0.05968	0.05088	0.05303	4.91E-03	0.00025	9.5E-07	0.00012	0.00529	6.20E-03	0.000319	8.09E-07	7.17E-05	6.59E-03	0.00611	0.000274	6.6E-07	7.62E-05	0.006461
2048	495611.06	3859501.99	0.05378	0.05929	0.05057	0.05253	4.87E-03	0.00025	9.5E-07	0.00012	0.00525	6.15E-03	0.000317	8.04E-07	7.1E-05	6.54E-03	0.006064	0.000272	6.56E-07	7.54E-05	0.006412
2049	495661.06	3859501.99	0.05332	0.05885	0.05021	0.05195	4.83E-03	0.00025	9.4E-07	0.00012	0.0052	6.10E-03	0.000314	7.98E-07	7.02E-05	6.48E-03	0.006012	0.00027	6.52E-07	7.46E-05	0.006357
2050	494311.06	3859551.99	0.06408	0.0691	0.05738	0.06662	5.81E-03	0.00029	1.1E-06	0.00015	0.00625	7.33E-03	0.000369	9.12E-07	9.01E-05	7.79E-03	0.007225	0.000317	7.45E-07	9.57E-05	0.007639
2051	494361.06	3859551.99	0.06343	0.06851	0.05708	0.06544	5.75E-03	0.00029	1.1E-06	0.00015	0.00619	7.26E-03	0.000366	9.07E-07	8.85E-05	7.71E-03	0.007152	0.000315	7.41E-07	9.4E-05	0.007561
2052	494411.06	3859551.99	0.06251	0.06758	0.05663	0.06346	5.66E-03	0.00029	1.1E-06	0.00015	0.0061	7.15E-03	0.000361	9E-07	8.58E-05	7.60E-03	0.007048	0.00031	7.35E-07	9.11E-05	0.00745
2053	494461.06	3859551.99	0.06248	0.06748	0.05652	0.064	5.66E-03	0.00029	1.1E-06	0.00015	0.0061	7.15E-03	0.00036	8.98E-07	8.65E-05	7.59E-03	0.007045	0.00031	7.34E-07	9.19E-05	0.007447
2054	494511.06	3859551.99	0.06194	0.06692	0.05621	0.06314	5.61E-03	0.00028	1.1E-06	0.00015	0.00604	7.08E-03	0.000357	8.93E-07	8.54E-05	7.53E-03	0.006984	0.000307	7.3E-07	9.07E-05	0.007382
2055	494561.06	3859551.99	0.0615	0.06646	0.05593	0.06253	5.57E-03	0.00028	1E-06	0.00014	0.006	7.03E-03	0.000355	8.89E-07	8.45E-05	7.47E-03	0.006934	0.000305	7.26E-07	8.98E-05	0.00733
2056	494611.06	3859551.99	0.06121	0.06615	0.05572	0.06231	5.55E-03	0.00028	1E-06	0.00014	0.00597	7.00E-03	0.000353	8.86E-07	8.42E-05	7.44E-03	0.006901	0.000304	7.23E-07	8.95E-05	0.007295
2057	494661.06	3859551.99	0.06082	0.06575	0.05547	0.06183	5.51E-03	0.00028	1E-06	0.00014	0.00593	6.96E-03	0.000351	8.82E-07	8.36E-05	7.39E-03	0.006857	0.000302	7.2E-07	8.88E-05	0.007249
2058	494711.06	3859551.99	0.05976	0.06468	0.05486	0.05976	5.42E-03	0.00027	1E-06	0.00014	0.00583	6.84E-03	0.000345	8.72E-07	8.08E-05	7.26E-03	0.006738	0.000297	7.12E-07	8.58E-05	0.007121
2059	494761.06	3859551.99	0.05986	0.06476	0.05485	0.06041	5.42E-03	0.00027	1E-06	0.00014	0.00584	6.85E-03	0.000346	8.72E-07	8.17E-05	7.28E-03	0.006749	0.000297	7.12E-07	8.68E-05	0.007134
2060	494811.06	3859551.99	0.05905	0.06395	0.05436	0.05899	5.35E-03	0.00027	1E-06	0.00014	0.00576	6.75E-03	0.000341	8.64E-07	7.98E-05	7.18E-03	0.006658	0.000294	7.06E-07	8.47E-05	0.007037
2061	494861.06	3859551.99	0.05864	0.06354	0.05408	0.05847	5.31E-03	0.00027	1E-06	0.00014	0.00572	6.71E-03	0.000339	8.6E-07	7.91E-05	7.13E-03	0.006612	0.000292	7.02E-07	8.4E-05	0.006988
2062	494911.06	3859551.99	0.05816	0.06305	0.05374	0.05779	5.27E-03	0.00027	1E-06	0.00013	0.00567	6.65E-03	0.000337	8.54E-07	7.81E-05	7.07E-03	0.006558	0.00029	6.98E-07	8.3E-05	0.006931
2063	494961.06	3859551.99	0.05788	0.06278	0.05353	0.05755	5.25E-03	0.00027	1E-06	0.00013	0.00565	6.62E-03	0.000335	8.51E-07	7.78E-05	7.03E-03	0.006526	0.000288	6.95E-07	8.26E-05	0.006898
2064	495011.06	3859551.99	0.05767	0.06257	0.05335	0.05743	5.23E-03	0.00026	1E-06	0.00013	0.00562	6.60E-03	0.000334	8.48E-07	7.77E-05	7.01E-03	0.006502	0.000287	6.93E-07	8.25E-05	0.006873
2065	495061.06	3859551.99	0.05729	0.0622	0.05308	0.05697	5.19E-03	0.00026	9.9E-07	0.00013	0.00559	6.55E-03	0.000332	8.44E-07	7.7E-05	6.96E-03	0.006459	0.000286	6.89E-07	8.18E-05	0.006828
2066	495111.06	3859551.99	0.05682	0.06175	0.05274	0.05632	5.15E-03	0.00026	9.9E-07	0.00013	0.00554	6.50E-03	0.00033	8.38E-07	7.62E-05	6.91E-03	0.006406	0.000284	6.85E-07	8.09E-05	0.006772
2067	495161.06	3859551.99	0.05662	0.06156	0.05257	0.05621	5.13E-03	0.00026	9.8E-07	0.00013	0.00552	6.48E-03	0.000329	8.36E-07	7.6E-05	6.88E-03	0.006384	0.000283	6.82E-07	8.07E-05	0.006748
2068	495211.06	3859551.99	0.05648	0.06145	0.05244	0.05623	5.12E-03	0.00026	9.8E-07	0.00013	0.00551	6.46E-03	0.000328	8.33E-07	7.6E-05	6.87E-03	0.006368	0.000282	6.81E-07	8.07E-05	0.006732
2069	495261.06	3859551.99	0.0561	0.06108	0.05215	0.05574	5.08E-03	0.00026	9.8E-07	0.00013	0.00547	6.42E-03	0.000326	8.29E-07	7.54E-05	6.82E-03	0.006325	0.000281	6.77E-07	8E-05	0.006686
2070	495311.06	3859551.99	0.05579	0.0608	0.05191	0.05541	5.06E-03	0.00026	9.7E-07	0.00013	0.00544	6.38E-03	0.000325	8.25E-07	7.49E-05	6.78E-03	0.00629	0.000279	6.74E-07	7.96E-05	0.00665

2071	495361.06	3859551.99	0.05554	0.06058	0.05171	0.05519	5.03E-03	0.00026	9.7E-07	0.00013	0.00542	6.35E-03	0.000323	8.22E-07	7.46E-05	6.75E-03	0.006262	0.000278	6.71E-07	7.93E-05	0.00662
2072	495411.06	3859551.99	0.05534	0.06041	0.05154	0.05508	5.02E-03	0.00026	9.6E-07	0.00013	0.0054	6.33E-03	0.000323	8.19E-07	7.45E-05	6.73E-03	0.00624	0.000277	6.69E-07	7.91E-05	0.006597
2073	495461.06	3859551.99	0.05485	0.05995	0.05119	0.05438	4.97E-03	0.00025	9.6E-07	0.00013	0.00535	6.27E-03	0.00032	8.14E-07	7.35E-05	6.67E-03	0.006184	0.000275	6.64E-07	7.81E-05	0.006538
2074	495511.06	3859551.99	0.05434	0.05946	0.05081	0.05366	4.92E-03	0.00025	9.5E-07	0.00012	0.0053	6.22E-03	0.000317	8.08E-07	7.26E-05	6.61E-03	0.006127	0.000273	6.6E-07	7.71E-05	0.006478
2075	495561.06	3859551.99	0.05403	0.05917	0.05056	0.0533	4.90E-03	0.00025	9.5E-07	0.00012	0.00527	6.18E-03	0.000316	8.04E-07	7.21E-05	6.57E-03	0.006092	0.000272	6.56E-07	7.65E-05	0.006441
2076	495611.06	3859551.99	0.05369	0.05886	0.05031	0.05292	4.87E-03	0.00025	9.4E-07	0.00012	0.00524	6.14E-03	0.000314	8E-07	7.16E-05	6.53E-03	0.006054	0.00027	6.53E-07	7.6E-05	0.0064
2077	495661.06	3859551.99	0.05328	0.05847	0.04999	0.05239	4.83E-03	0.00025	9.4E-07	0.00012	0.0052	6.09E-03	0.000312	7.94E-07	7.08E-05	6.48E-03	0.006007	0.000269	6.49E-07	7.52E-05	0.006352
2078	494311.06	3859601.99	0.06334	0.0682	0.05648	0.06644	5.74E-03	0.00029	1.1E-06	0.00015	0.00618	7.24E-03	0.000364	8.98E-07	8.98E-05	7.70E-03	0.007142	0.000313	7.33E-07	9.54E-05	0.007551
2079	494361.06	3859601.99	0.06248	0.0674	0.05615	0.06442	5.66E-03	0.00029	1.1E-06	0.00015	0.0061	7.15E-03	0.00036	8.92E-07	8.71E-05	7.59E-03	0.007045	0.00031	7.29E-07	9.25E-05	0.007447
2080	494411.06	3859601.99	0.06189	0.06679	0.05584	0.06337	5.61E-03	0.00028	1E-06	0.00015	0.00604	7.08E-03	0.000357	8.87E-07	8.57E-05	7.52E-03	0.006978	0.000307	7.25E-07	9.1E-05	0.007377
2081	494461.06	3859601.99	0.06181	0.06667	0.05571	0.06378	5.60E-03	0.00028	1E-06	0.00015	0.00603	7.07E-03	0.000356	8.85E-07	8.62E-05	7.51E-03	0.006969	0.000306	7.23E-07	9.16E-05	0.007368
2082	494511.06	3859601.99	0.06115	0.06601	0.05537	0.06252	5.54E-03	0.00028	1E-06	0.00014	0.00597	6.99E-03	0.000352	8.8E-07	8.45E-05	7.43E-03	0.006895	0.000303	7.19E-07	8.98E-05	0.007288
2083	494561.06	3859601.99	0.06101	0.06582	0.05522	0.0627	5.53E-03	0.00028	1E-06	0.00015	0.00595	6.98E-03	0.000351	8.78E-07	8.48E-05	7.42E-03	0.006879	0.000302	7.17E-07	9E-05	0.007272
2084	494611.06	3859601.99	0.06075	0.06553	0.05503	0.06255	5.51E-03	0.00028	1E-06	0.00014	0.00593	6.95E-03	0.00035	8.75E-07	8.46E-05	7.38E-03	0.00685	0.000301	7.14E-07	8.98E-05	0.007241
2085	494661.06	3859601.99	0.06002	0.06484	0.05466	0.0611	5.44E-03	0.00027	1E-06	0.00014	0.00586	6.86E-03	0.000346	8.69E-07	8.26E-05	7.29E-03	0.006767	0.000298	7.1E-07	8.77E-05	0.007153
2086	494711.06	3859601.99	0.05931	0.06409	0.05425	0.05985	5.37E-03	0.00027	1E-06	0.00014	0.00579	6.78E-03	0.000342	8.62E-07	8.09E-05	7.21E-03	0.006687	0.000294	7.04E-07	8.59E-05	0.007068
2087	494761.06	3859601.99	0.05953	0.06426	0.05427	0.06087	5.39E-03	0.00027	1E-06	0.00014	0.00581	6.81E-03	0.000343	8.63E-07	8.23E-05	7.24E-03	0.006712	0.000295	7.04E-07	8.74E-05	0.007095
2088	494811.06	3859601.99	0.05878	0.0635	0.05385	0.05944	5.33E-03	0.00027	1E-06	0.00014	0.00573	6.72E-03	0.000339	8.56E-07	8.04E-05	7.14E-03	0.006627	0.000292	6.99E-07	8.54E-05	0.007005
2089	494861.06	3859601.99	0.05843	0.06314	0.05361	0.05904	5.30E-03	0.00027	1E-06	0.00014	0.0057	6.68E-03	0.000337	8.52E-07	7.98E-05	7.10E-03	0.006588	0.00029	6.96E-07	8.48E-05	0.006963
2090	494911.06	3859601.99	0.05783	0.06253	0.05324	0.05803	5.24E-03	0.00026	1E-06	0.00013	0.00564	6.61E-03	0.000334	8.46E-07	7.85E-05	7.03E-03	0.00652	0.000287	6.91E-07	8.33E-05	0.006891
2091	494961.06	3859601.99	0.05783	0.06252	0.05317	0.05843	5.24E-03	0.00026	1E-06	0.00014	0.00564	6.61E-03	0.000334	8.45E-07	7.9E-05	7.03E-03	0.00652	0.000287	6.9E-07	8.39E-05	0.006892
2092	495011.06	3859601.99	0.05719	0.06188	0.05277	0.05735	5.18E-03	0.00026	9.9E-07	0.00013	0.00558	6.54E-03	0.00033	8.39E-07	7.75E-05	6.95E-03	0.006448	0.000284	6.85E-07	8.24E-05	0.006815
2093	495061.06	3859601.99	0.05707	0.06175	0.05265	0.05743	5.17E-03	0.00026	9.9E-07	0.00013	0.00557	6.53E-03	0.00033	8.37E-07	7.77E-05	6.94E-03	0.006435	0.000284	6.83E-07	8.25E-05	0.006801
2094	495111.06	3859601.99	0.05659	0.06128	0.05233	0.05672	5.13E-03	0.00026	9.8E-07	0.00013	0.00552	6.47E-03	0.000327	8.32E-07	7.67E-05	6.88E-03	0.006381	0.000281	6.79E-07	8.15E-05	0.006744
2095	495161.06	3859601.99	0.05641	0.0611	0.05217	0.05666	5.11E-03	0.00026	9.8E-07	0.00013	0.0055	6.45E-03	0.000326	8.29E-07	7.66E-05	6.86E-03	0.00636	0.000281	6.77E-07	8.14E-05	0.006723
2096	495211.06	3859601.99	0.05612	0.06082	0.05195	0.05637	5.09E-03	0.00026	9.7E-07	0.00013	0.00547	6.42E-03	0.000325	8.26E-07	7.62E-05	6.82E-03	0.006328	0.000279	6.74E-07	8.1E-05	0.006688
2097	495261.06	3859601.99	0.05589	0.06061	0.05176	0.0562	5.06E-03	0.00026	9.7E-07	0.00013	0.00545	6.39E-03	0.000324	8.23E-07	7.6E-05	6.79E-03	0.006302	0.000278	6.72E-07	8.07E-05	0.006661
2098	495311.06	3859601.99	0.05569	0.06041	0.05159	0.05607	5.05E-03	0.00026	9.7E-07	0.00013	0.00543	6.37E-03	0.000323	8.2E-07	7.58E-05	6.77E-03	0.006279	0.000277	6.7E-07	8.05E-05	0.006638
2099	495361.06	3859601.99	0.05537	0.06012	0.05135	0.0557	5.02E-03	0.00025	9.6E-07	0.00013	0.0054	6.33E-03	0.000321	8.16E-07	7.53E-05	6.73E-03	0.006243	0.000276	6.67E-07	8E-05	0.0066
2100	495411.06	3859601.99	0.05515	0.05992	0.05117	0.05554	5.00E-03	0.00025	9.6E-07	0.00013	0.00538	6.31E-03	0.00032	8.13E-07	7.51E-05	6.70E-03	0.006218	0.000275	6.64E-07	7.98E-05	0.006574
2101	495461.06	3859601.99	0.0546	0.05939	0.05079	0.05465	4.95E-03	0.00025	9.5E-07	0.00013	0.00533	6.25E-03	0.000317	8.07E-07	7.39E-05	6.64E-03	0.006156	0.000273	6.59E-07	7.85E-05	0.006508
2102	495511.06	3859601.99	0.0541	0.0589	0.05043	0.05388	4.90E-03	0.00025	9.4E-07	0.00012	0.00528	6.19E-03	0.000314	8.01E-07	7.29E-05	6.58E-03	0.0061	0.00027	6.55E-07	7.74E-05	0.006448
2103	495561.06	3859601.99	0.05396	0.0588	0.0503	0.05389	4.89E-03	0.00025	9.4E-07	0.00012	0.00526	6.17E-03	0.000314	7.99E-07	7.29E-05	6.56E-03	0.006084	0.00027	6.53E-07	7.74E-05	0.006432
2104	495611.06	3859601.99	0.05338	0.05823	0.04989	0.05298	4.84E-03	0.00025	9.3E-07	0.00012	0.00521	6.11E-03	0.000311	7.93E-07	7.16E-05	6.49E-03	0.006019	0.000267	6.48E-07	7.61E-05	0.006363
2105	495661.06	3859601.99	0.05316	0.05804	0.0497	0.0528	4.82E-03	0.00025	9.3E-07	0.00012	0.00519	6.08E-03	0.00031	7.9E-07	7.14E-05	6.46E-03	0.005994	0.000267	6.45E-07	7.58E-05	0.006337
2106	494311.06	3859651.99	0.06238	0.06712	0.05553	0.06559	5.65E-03	0.00028	1E-06	0.00015	0.00609	7.13E-03	0.000358	8.83E-07	8.87E-05	7.58E-03	0.007033	0.000308	7.21E-07	9.42E-05	0.007436
2107	494361.06	3859651.99	0.06164	0.06641	0.05525	0.06383	5.59E-03	0.00028	1E-06	0.00015	0.00602	7.05E-03	0.000355	8.78E-07	8.63E-05	7.49E-03	0.00695	0.000305	7.17E-07	9.17E-05	0.007347
2108	494411.06	3859651.99	0.06126	0.06602	0.05503	0.06331	5.55E-03	0.00028	1E-06	0.00015	0.00598	7.01E-03	0.000353	8.75E-07	8.56E-05	7.45E-03	0.006907	0.000303	7.14E-07	9.09E-05	0.007302
2109	494461.06	3859651.99	0.06114	0.06585	0.05487	0.06363	5.54E-03	0.00028	1E-06	0.00015	0.00597	6.99E-03	0.000352	8.72E-07	8.6E-05	7.43E-03	0.006894	0.000302	7.12E-07	9.14E-05	0.007288
2110	494511.06	3859651.99	0.06073	0.06543	0.05465	0.06302	5.50E-03	0.00028	1E-06	0.00015	0.00593	6.95E-03	0.000349	8.69E-07	8.52E-05	7.38E-03	0.006847	0.0003	7.09E-07	9.05E-05	0.007239
2111	494561.06	3859651.99	0.06043	0.06511	0.05445	0.06275	5.48E-03	0.00028	1E-06	0.00015	0.0059	6.91E-03	0.000348	8.65E-07	8.48E-05	7.35E-03	0.006813	0.000299	7.07E-07	9.01E-05	0.007203
2112	494611.06	3859651.99	0.06012	0.06477	0.05424	0.06242	5.45E-03	0.00027	1E-06	0.00014	0.00587	6.88E-03	0.000346	8.62E-07	8.44E-05	7.31E-03	0.006779	0.000297	7.04E-07	8.96E-05	0.007166
2113	494661.06	3859651.99	0.05936	0.06407	0.0539	0.06084	5.38E-03	0.00027	1E-06	0.00014	0.00579	6.79E-03	0.000342	8.57E-07	8.23E-05	7.21E-03	0.006693	0.000294	7E-07	8.74E-05	0.007075
2114	494711.06	3859651.99	0.05908	0.06375	0.0537	0.06057	5.35E-03	0.00027	1E-06	0.00014	0.00576	6.76E-03	0.00034	8.53E-07	8.19E-05	7.18E-03	0.006661	0.000293	6.97E-07	8.7E-05	0.007042
2115	494761.06	3859651.99	0.05885	0.06345	0.05351	0.06048	5.33E-03	0.00027	1E-06	0.00014	0.00574	6.73E-03	0.000339	8.5E-07	8.18E-05	7.15E-03	0.006635	0.000291	6.95E-07	8.69E-05	0.007014
2116	494811.06	3859651.99	0.05836	0.06295	0.05323	0.05966	5.29E-03	0.00027	1E-06	0.00014	0.00569	6.68E-03	0.000336	8.46E-07	8.07E-05	7.09E-03	0.00658	0.000289	6.91E-07	8.57E-05	0.006956
2117	494861.06	3859651.99	0.05808	0.06264	0.05303	0.05941	5.26E-03	0.00026	9.9E-07	0.00014	0.00567	6.64E-03	0.000334	8.43E-07	8.03E-05	7.06E-03	0.006549	0.000288	6.88E-07	8.53E-05	0.006922
2118	494911.06	3859651.99	0.0577	0.06224	0.05279	0.05888	5.23E-03	0.00026	9.9E-07	0.00014	0.00563	6.60E-03	0.000332	8.39E-07	7.96E-05	7.01E-03	0.006506	0.000286	6.85E-07	8.46E-05	0.006877
2119	494961.06	3859651.99	0.05739	0.06192	0.05257	0.05856	5.20E-03	0.00026	9.8E-07	0.00014	0.0056	6.56E-03	0.000331	8.36E-07	7.92E-05	6.97E-03	0.006471	0.000284	6.82E-07	8.41E-05	0.00684
2120	495011.06	3859651.99	0.05704	0.06156	0.05234	0.05811	5.17E-03	0.00026	9.8E-07	0.00013	0.00557	6.52E-03	0.000329	8.32E-07	7.86E-05	6.93E-03	0.006431	0.000283	6.79E-07	8.34E-05	0.006798
2121	495061.06	3859651.99	0.0568	0.06131	0.05215	0.05793	5.15E-03	0.00026	9.8E-07	0.00013	0.00554	6.50E-03	0.000327	8.29E-07	7.83E-05	6.90E-03	0.006404	0.000282	6.77E-07	8.32E-05	0.00677
2122	495111.06	3859651.99	0.05642	0.06092	0.0519	0.05738	5.11E-03	0.00026	9.7E-07	0.00013	0.0055	6.45E-03	0.000325	8.25E-07	7.76E-05	6.86E-03	0.006361	0.00028	6.74E-07	8.24E-05	0.006724
2123	495161.06	3859651.99	0.05613	0.06062	0.05169	0.05708	5.09E-03	0.00026	9.7E-07	0.00013	0.00548	6.42E-03	0.000324	8.22E-07	7.72E-05	6.82E-03	0.006329	0.000278	6.71E-07	8.2E-05	0.00669
2124	495211.06	3859651.99	0.0559	0.06039	0.0515	0.05691	5.07E-03	0.00026	9.6E-07	0.00013	0.00545	6.39E-03	0.000322	8.18E-07	7.69E-05	6.79E-03	0.006303	0.000277	6.68E-07	8.17E-05	0.006662
2125	495261.06	3859651.99	0.0556	0.06009	0.05128	0.05655	5.04E-03	0.00025	9.6E-07	0.00013	0.00542	6.36E-03	0.000321	8.15E-07	7.65E-05	6.76E-03	0.006269	0.000276	6.66E-07	8.12E-05	0.006627
2126	495311.06	3859651.99	0.05534	0.05983	0.05109	0.05631	5.02E-03	0.00025	9.6E-07	0.00013	0.0054	6.33E-03	0.000319	8.12E-07	7.61E-05	6.73E-03	0.00624	0.000275	6.63E-07	8.09E-05	0.006596
2127	495361.06	3859651.99	0.05511	0.05961	0.0509	0.05611	4.99E-03	0.00025	9.5E-07	0.00013	0.00538	6.30E-03	0.000318	8.09E-07	7.59E-05	6.70E-03	0.006214	0.000274	6.61E-07	8.06E-05	0.006569
2128	495411.06	3859651.99	0.05481	0.05932	0.05068	0.05575	4.97E-03	0.00025	9.5E-07	0.00013	0.00535	6.27E-03	0.000317	8.05E-07	7.54E-05	6.66E-03	0.00618	0.000272	6.58E-07	8.01E-05	0.006533
2129	495461.06	3859651.99	0.05432	0.05884	0.05035	0.05494	4.92E-03	0.00025	9.4E-07	0.00013	0.0053	6.21E-03	0.000314	8E-07	7.43E-05	6.60E-03	0.006125	0.00027	6.54E-07	7.89E-05	0.006474
2130	495511.06	3859651.99	0.05388	0.05841	0.05005	0.05426	4.88E-03	0.00025	9.4E-07	0.00013	0.00526	6.16E-03	0.000312	7.95E-07	7.34E-05	6.55E-03	0.006075	0.000268	6.5E-07	7.79E-05	0.006422
2131	495561.06	3859651.99	0.05364	0.05819	0.04986	0.05404	4.86E-03	0.00025	9.3E-07	0.00013	0.00523	6.14E-03	0.000311	7.92E-07	7.31E-05	6.52E-03	0.006048	0.000267	6.47E-07	7.76E-05	0.006393

2132	495611.06	3859651.99	0.05331	0.05788	0.04961	0.05361	4.83E-03	0.00024	9.3E-07	0.00012	0.0052	6.10E-03	0.000309	7.88E-07	7.25E-05	6.48E-03	0.006011	0.000266	6.44E-07	7.7E-05	0.006354
2133	495661.06	3859651.99	0.05294	0.05752	0.04933	0.05309	4.80E-03	0.00024	9.2E-07	0.00012	0.00516	6.06E-03	0.000307	7.84E-07	7.18E-05	6.43E-03	0.005969	0.000264	6.4E-07	7.62E-05	0.00631
2134	494311.06	3859701.99	0.06111	0.06579	0.05458	0.06362	5.54E-03	0.00028	1E-06	0.00015	0.00596	6.99E-03	0.000351	8.67E-07	8.6E-05	7.43E-03	0.00689	0.000302	7.08E-07	9.14E-05	0.007284
2135	494361.06	3859701.99	0.06071	0.06536	0.05436	0.06297	5.50E-03	0.00028	1E-06	0.00015	0.00593	6.94E-03	0.000349	8.64E-07	8.51E-05	7.38E-03	0.006845	0.0003	7.06E-07	9.04E-05	0.007236
2136	494411.06	3859701.99	0.06045	0.06508	0.05417	0.06282	5.48E-03	0.00028	1E-06	0.00015	0.0059	6.91E-03	0.000347	8.61E-07	8.49E-05	7.35E-03	0.006816	0.000299	7.03E-07	9.02E-05	0.007206
2137	494461.06	3859701.99	0.0604	0.06499	0.05401	0.0634	5.47E-03	0.00027	1E-06	0.00015	0.0059	6.91E-03	0.000347	8.58E-07	8.57E-05	7.34E-03	0.00681	0.000298	7.01E-07	9.1E-05	0.0072
2138	494511.06	3859701.99	0.06006	0.06463	0.05381	0.06294	5.44E-03	0.00027	1E-06	0.00015	0.00586	6.87E-03	0.000345	8.55E-07	8.51E-05	7.30E-03	0.006772	0.000297	6.98E-07	9.04E-05	0.00716
2139	494561.06	3859701.99	0.05979	0.06433	0.05362	0.06272	5.42E-03	0.00027	1E-06	0.00015	0.00584	6.84E-03	0.000343	8.52E-07	8.48E-05	7.27E-03	0.006741	0.000295	6.96E-07	9.01E-05	0.007127
2140	494611.06	3859701.99	0.05949	0.06402	0.05343	0.06244	5.39E-03	0.00027	1E-06	0.00014	0.00581	6.80E-03	0.000342	8.49E-07	8.44E-05	7.23E-03	0.006707	0.000294	6.94E-07	8.97E-05	0.007092
2141	494661.06	3859701.99	0.05876	0.06331	0.05313	0.06073	5.32E-03	0.00027	9.9E-07	0.00014	0.00573	6.72E-03	0.000338	8.44E-07	8.21E-05	7.14E-03	0.006625	0.000291	6.9E-07	8.72E-05	0.007004
2142	494711.06	3859701.99	0.05859	0.0631	0.05297	0.06082	5.31E-03	0.00027	9.9E-07	0.00014	0.00572	6.70E-03	0.000337	8.42E-07	8.22E-05	7.12E-03	0.006606	0.00029	6.88E-07	8.73E-05	0.006984
2143	494761.06	3859701.99	0.05818	0.06268	0.05275	0.06017	5.27E-03	0.00027	9.9E-07	0.00014	0.00568	6.65E-03	0.000335	8.38E-07	8.14E-05	7.07E-03	0.00656	0.000288	6.85E-07	8.64E-05	0.006935
2144	494811.06	3859701.99	0.05776	0.06224	0.05251	0.05949	5.23E-03	0.00026	9.8E-07	0.00014	0.00564	6.61E-03	0.000332	8.35E-07	8.04E-05	7.02E-03	0.006512	0.000286	6.82E-07	8.54E-05	0.006884
2145	494861.06	3859701.99	0.05763	0.06207	0.05236	0.05966	5.22E-03	0.00026	9.8E-07	0.00014	0.00562	6.59E-03	0.000331	8.32E-07	8.07E-05	7.00E-03	0.006498	0.000285	6.8E-07	8.57E-05	0.006869
2146	494911.06	3859701.99	0.05727	0.06169	0.05214	0.05915	5.19E-03	0.00026	9.8E-07	0.00014	0.00559	6.55E-03	0.000329	8.29E-07	8E-05	6.96E-03	0.006457	0.000283	6.77E-07	8.49E-05	0.006826
2147	494961.06	3859701.99	0.05692	0.06132	0.05192	0.05867	5.16E-03	0.00026	9.7E-07	0.00014	0.00555	6.51E-03	0.000327	8.25E-07	7.93E-05	6.92E-03	0.006418	0.000282	6.74E-07	8.43E-05	0.006784
2148	495011.06	3859701.99	0.05669	0.06107	0.05175	0.05851	5.14E-03	0.00026	9.7E-07	0.00014	0.00553	6.48E-03	0.000326	8.22E-07	7.91E-05	6.89E-03	0.006392	0.00028	6.72E-07	8.4E-05	0.006757
2149	495061.06	3859701.99	0.05638	0.06075	0.05154	0.05816	5.11E-03	0.00026	9.6E-07	0.00013	0.0055	6.45E-03	0.000324	8.19E-07	7.86E-05	6.85E-03	0.006357	0.000279	6.69E-07	8.35E-05	0.00672
2150	495111.06	3859701.99	0.05607	0.06042	0.05133	0.05778	5.08E-03	0.00026	9.6E-07	0.00013	0.00547	6.41E-03	0.000323	8.16E-07	7.81E-05	6.81E-03	0.006322	0.000277	6.66E-07	8.3E-05	0.006683
2151	495161.06	3859701.99	0.05574	0.06008	0.05112	0.05733	5.05E-03	0.00025	9.6E-07	0.00013	0.00544	6.38E-03	0.000321	8.12E-07	7.75E-05	6.77E-03	0.006285	0.000276	6.64E-07	8.23E-05	0.006644
2152	495211.06	3859701.99	0.05539	0.05972	0.05089	0.05684	5.02E-03	0.00025	9.5E-07	0.00013	0.0054	6.34E-03	0.000319	8.09E-07	7.69E-05	6.73E-03	0.006245	0.000274	6.61E-07	8.16E-05	0.006602
2153	495261.06	3859701.99	0.05526	0.05957	0.05075	0.05691	5.01E-03	0.00025	9.5E-07	0.00013	0.00539	6.32E-03	0.000318	8.07E-07	7.69E-05	6.72E-03	0.006231	0.000274	6.59E-07	8.17E-05	0.006586
2154	495311.06	3859701.99	0.05493	0.05924	0.05053	0.05648	4.98E-03	0.00025	9.5E-07	0.00013	0.00536	6.28E-03	0.000316	8.03E-07	7.64E-05	6.68E-03	0.006193	0.000272	6.56E-07	8.11E-05	0.006547
2155	495361.06	3859701.99	0.05463	0.05894	0.05031	0.05609	4.95E-03	0.00025	9.4E-07	0.00013	0.00533	6.25E-03	0.000315	8E-07	7.58E-05	6.64E-03	0.00616	0.000271	6.53E-07	8.05E-05	0.006511
2156	495411.06	3859701.99	0.05424	0.05855	0.05006	0.05547	4.92E-03	0.00025	9.4E-07	0.00013	0.00529	6.20E-03	0.000313	7.96E-07	7.5E-05	6.59E-03	0.006116	0.000269	6.5E-07	7.97E-05	0.006465
2157	495461.06	3859701.99	0.05392	0.05823	0.04983	0.05504	4.89E-03	0.00025	9.3E-07	0.00013	0.00526	6.17E-03	0.000311	7.92E-07	7.44E-05	6.55E-03	0.006079	0.000267	6.47E-07	7.9E-05	0.006427
2158	495511.06	3859701.99	0.05337	0.05768	0.04948	0.05404	4.84E-03	0.00024	9.3E-07	0.00013	0.00521	6.10E-03	0.000308	7.86E-07	7.31E-05	6.49E-03	0.006017	0.000265	6.42E-07	7.76E-05	0.006361
2159	495561.06	3859701.99	0.05331	0.05763	0.04939	0.05425	4.83E-03	0.00024	9.2E-07	0.00013	0.0052	6.10E-03	0.000308	7.85E-07	7.34E-05	6.48E-03	0.006011	0.000265	6.41E-07	7.79E-05	0.006354
2160	495611.06	3859701.99	0.05301	0.05734	0.04916	0.05387	4.80E-03	0.00024	9.2E-07	0.00012	0.00517	6.06E-03	0.000306	7.81E-07	7.28E-05	6.44E-03	0.005977	0.000263	6.38E-07	7.74E-05	0.006318
2161	495661.06	3859701.99	0.05268	0.05702	0.04893	0.05342	4.77E-03	0.00024	9.2E-07	0.00012	0.00514	6.03E-03	0.000304	7.78E-07	7.22E-05	6.40E-03	0.00594	0.000262	6.35E-07	7.67E-05	0.006279
2162	494311.06	3859751.99	0.06038	0.06489	0.05368	0.06369	5.47E-03	0.00027	1E-06	0.00015	0.00589	6.91E-03	0.000346	8.53E-07	8.61E-05	7.34E-03	0.006808	0.000298	6.97E-07	9.15E-05	0.007198
2163	494361.06	3859751.99	0.06006	0.06456	0.05349	0.06323	5.44E-03	0.00027	1E-06	0.00015	0.00586	6.87E-03	0.000345	8.5E-07	8.55E-05	7.30E-03	0.006772	0.000296	6.94E-07	9.08E-05	0.00716
2164	494411.06	3859751.99	0.05969	0.06419	0.0533	0.0626	5.41E-03	0.00027	1E-06	0.00014	0.00583	6.83E-03	0.000343	8.47E-07	8.46E-05	7.26E-03	0.00673	0.000295	6.92E-07	8.99E-05	0.007115
2165	494461.06	3859751.99	0.05956	0.06403	0.0531	0.06294	5.40E-03	0.00027	9.9E-07	0.00015	0.00582	6.81E-03	0.000342	8.44E-07	8.51E-05	7.24E-03	0.006715	0.000294	6.89E-07	9.04E-05	0.0071
2166	494511.06	3859751.99	0.05935	0.06381	0.05291	0.06298	5.38E-03	0.00027	9.9E-07	0.00015	0.0058	6.79E-03	0.000341	8.41E-07	8.52E-05	7.22E-03	0.006692	0.000293	6.87E-07	9.04E-05	0.007076
2167	494561.06	3859751.99	0.05904	0.06349	0.05273	0.06257	5.35E-03	0.00027	9.9E-07	0.00014	0.00576	6.75E-03	0.000339	8.38E-07	8.46E-05	7.18E-03	0.006657	0.000292	6.84E-07	8.99E-05	0.007039
2168	494611.06	3859751.99	0.05868	0.06311	0.05255	0.06194	5.32E-03	0.00027	9.8E-07	0.00014	0.00573	6.71E-03	0.000337	8.35E-07	8.37E-05	7.13E-03	0.006616	0.00029	6.82E-07	8.89E-05	0.006996
2169	494661.06	3859751.99	0.05816	0.06261	0.05236	0.06078	5.27E-03	0.00026	9.8E-07	0.00014	0.00568	6.65E-03	0.000334	8.32E-07	8.22E-05	7.07E-03	0.006558	0.000288	6.8E-07	8.73E-05	0.006933
2170	494711.06	3859751.99	0.05799	0.06238	0.05218	0.06085	5.26E-03	0.00026	9.8E-07	0.00014	0.00566	6.63E-03	0.000333	8.29E-07	8.23E-05	7.05E-03	0.006538	0.000286	6.77E-07	8.74E-05	0.006913
2171	494761.06	3859751.99	0.05773	0.0621	0.052	0.06064	5.23E-03	0.00026	9.7E-07	0.00014	0.00564	6.60E-03	0.000332	8.26E-07	8.2E-05	7.02E-03	0.006509	0.000285	6.75E-07	8.71E-05	0.006882
2172	494811.06	3859751.99	0.05738	0.06173	0.05181	0.06009	5.20E-03	0.00026	9.7E-07	0.00014	0.0056	6.56E-03	0.00033	8.23E-07	8.12E-05	6.97E-03	0.00647	0.000283	6.73E-07	8.63E-05	0.00684
2173	494861.06	3859751.99	0.05709	0.06143	0.05162	0.05978	5.17E-03	0.00026	9.7E-07	0.00014	0.00557	6.53E-03	0.000328	8.2E-07	8.08E-05	6.94E-03	0.006437	0.000282	6.7E-07	8.58E-05	0.006806
2174	494911.06	3859751.99	0.05681	0.06112	0.05144	0.05946	5.15E-03	0.00026	9.6E-07	0.00014	0.00555	6.50E-03	0.000326	8.18E-07	8.04E-05	6.91E-03	0.006405	0.000281	6.68E-07	8.54E-05	0.006772
2175	494961.06	3859751.99	0.05652	0.06081	0.05125	0.05914	5.12E-03	0.00026	9.6E-07	0.00014	0.00552	6.46E-03	0.000325	8.15E-07	8E-05	6.87E-03	0.006373	0.000279	6.65E-07	8.49E-05	0.006737
2176	495011.06	3859751.99	0.05622	0.06049	0.05106	0.05875	5.09E-03	0.00026	9.6E-07	0.00014	0.00549	6.43E-03	0.000323	8.12E-07	7.94E-05	6.83E-03	0.006339	0.000278	6.63E-07	8.44E-05	0.006702
2177	495061.06	3859751.99	0.05598	0.06023	0.05089	0.05857	5.07E-03	0.00025	9.5E-07	0.00014	0.00546	6.40E-03	0.000322	8.09E-07	7.92E-05	6.80E-03	0.006312	0.000277	6.61E-07	8.41E-05	0.006673
2178	495111.06	3859751.99	0.05568	0.05991	0.0507	0.05819	5.05E-03	0.00025	9.5E-07	0.00013	0.00544	6.37E-03	0.00032	8.06E-07	7.87E-05	6.77E-03	0.006278	0.000275	6.58E-07	8.36E-05	0.006637
2179	495161.06	3859751.99	0.05536	0.05958	0.0505	0.05774	5.02E-03	0.00025	9.5E-07	0.00013	0.0054	6.33E-03	0.000318	8.03E-07	7.81E-05	6.73E-03	0.006242	0.000274	6.56E-07	8.29E-05	0.006599
2180	495211.06	3859751.99	0.05503	0.05923	0.05029	0.05725	4.99E-03	0.00025	9.4E-07	0.00013	0.00537	6.29E-03	0.000316	7.99E-07	7.74E-05	6.69E-03	0.006205	0.000272	6.53E-07	8.22E-05	0.006559
2181	495261.06	3859751.99	0.05479	0.05897	0.05011	0.05703	4.97E-03	0.00025	9.4E-07	0.00013	0.00535	6.27E-03	0.000315	7.96E-07	7.71E-05	6.66E-03	0.006178	0.000271	6.5E-07	8.19E-05	0.006531
2182	495311.06	3859751.99	0.05448	0.05866	0.04992	0.05662	4.94E-03	0.00025	9.3E-07	0.00013	0.00532	6.23E-03	0.000313	7.93E-07	7.66E-05	6.62E-03	0.006143	0.000269	6.48E-07	8.13E-05	0.006494
2183	495361.06	3859751.99	0.0542	0.05836	0.04972	0.05627	4.91E-03	0.00025	9.3E-07	0.00013	0.00529	6.20E-03	0.000312	7.9E-07	7.61E-05	6.59E-03	0.006111	0.000268	6.45E-07	8.08E-05	0.00646
2184	495411.06	3859751.99	0.05392	0.05808	0.04953	0.05593	4.89E-03	0.00025	9.3E-07	0.00013	0.00526	6.17E-03	0.00031	7.87E-07	7.56E-05	6.55E-03	0.006079	0.000267	6.43E-07	8.03E-05	0.006427
2185	495461.06	3859751.99	0.05355	0.0577	0.04929	0.0553	4.85E-03	0.00024	9.2E-07	0.00013	0.00523	6.12E-03	0.000308	7.83E-07	7.48E-05	6.51E-03	0.006038	0.000265	6.4E-07	7.94E-05	0.006383
2186	495511.06	3859751.99	0.05316	0.05731	0.04905	0.05466	4.82E-03	0.00024	9.2E-07	0.00013	0.00519	6.08E-03	0.000306	7.8E-07	7.39E-05	6.46E-03	0.005994	0.000263	6.37E-07	7.85E-05	0.006336
2187	495561.06	3859751.99	0.05288	0.05702	0.04885	0.0543	4.79E-03	0.00024	9.1E-07	0.00013	0.00516	6.05E-03	0.000304	7.76E-07	7.34E-05	6.43E-03	0.005962	0.000262	6.34E-07	7.8E-05	0.006303
2188	495611.06	3859751.99	0.0526	0.05674	0.04864	0.05394	4.77E-03	0.00024	9.1E-07	0.00012	0.00513	6.02E-03	0.000303	7.73E-07	7.29E-05	6.39E-03	0.005931	0.000261	6.31E-07	7.75E-05	0.006269
2189	495661.06	3859751.99	0.05238	0.05652	0.04847	0.05374	4.75E-03	0.00024	9.1E-07	0.00012	0.00511	5.99E-03	0.000302	7.7E-07	7.27E-05	6.37E-03	0.005906	0.00026	6.29E-07	7.72E-05	0.006243
2190	494311.06	3859801.99	0.05958	0.06403	0.05274	0.06374	5.40E-03	0.00027	9.9E-07	0.00015	0.00582	6.81E-03	0.000342	8.38E-07	8.62E-05	7.24E-03	0.006718	0.000294	6.85E-07	9.15E-05	0.007104
2191	494361.06	3859801.99	0.05923	0.06361	0.05257	0.063	5.37E-03	0.00027	9.8E-07	0.00015	0.00578	6.77E-03	0.00034	8.36E-07	8.52E-05	7.20E-03	0.006678	0.000292	6.82E-07	9.05E-05	0.007061
2192	494411.06	3859801.99	0.05884	0.06323	0.05242	0.06221	5.33E-03	0.00027	9.8E-07	0.00014	0.00574	6.73E-03	0.000338	8.33E-07	8.41E-05	7.15E-03	0.006634	0.00029	6.8E-07	8.93E-05	0.007015

2193	494461.06	3859801.99	0.05869	0.06305	0.05221	0.06244	5.32E-03	0.00027	9.8E-07	0.00014	0.00573	6.71E-03	0.000337	8.3E-07	8.44E-05	7.13E-03	0.006617	0.00029	6.78E-07	8.97E-05	0.006997
2194	494511.06	3859801.99	0.05853	0.06299	0.05199	0.06274	5.30E-03	0.00027	9.7E-07	0.00015	0.00572	6.69E-03	0.000336	8.26E-07	8.48E-05	7.12E-03	0.006599	0.000289	6.75E-07	9.01E-05	0.006979
2195	494561.06	3859801.99	0.05825	0.06272	0.05181	0.06238	5.28E-03	0.00027	9.7E-07	0.00014	0.00569	6.66E-03	0.000335	8.23E-07	8.43E-05	7.08E-03	0.006568	0.000288	6.73E-07	8.96E-05	0.006946
2196	494611.06	3859801.99	0.05783	0.06217	0.05168	0.06138	5.24E-03	0.00026	9.7E-07	0.00014	0.00565	6.61E-03	0.000332	8.21E-07	8.3E-05	7.03E-03	0.00652	0.000286	6.71E-07	8.81E-05	0.006895
2197	494661.06	3859801.99	0.05753	0.06185	0.05151	0.06091	5.21E-03	0.00026	9.6E-07	0.00014	0.00562	6.58E-03	0.00033	8.19E-07	8.24E-05	6.99E-03	0.006486	0.000284	6.69E-07	8.75E-05	0.006859
2198	494711.06	3859801.99	0.05717	0.06148	0.05134	0.06027	5.18E-03	0.00026	9.6E-07	0.00014	0.00558	6.54E-03	0.000328	8.16E-07	8.15E-05	6.95E-03	0.006446	0.000282	6.66E-07	8.66E-05	0.006815
2199	494761.06	3859801.99	0.05704	0.06133	0.05115	0.06056	5.17E-03	0.00026	9.6E-07	0.00014	0.00557	6.52E-03	0.000327	8.13E-07	8.19E-05	6.93E-03	0.006431	0.000282	6.64E-07	8.7E-05	0.006801
2200	494811.06	3859801.99	0.05674	0.06101	0.05099	0.06012	5.14E-03	0.00026	9.5E-07	0.00014	0.00554	6.49E-03	0.000326	8.1E-07	8.13E-05	6.90E-03	0.006397	0.00028	6.62E-07	8.63E-05	0.006765
2201	494861.06	3859801.99	0.05648	0.06074	0.05081	0.05989	5.12E-03	0.00026	9.5E-07	0.00014	0.00551	6.46E-03	0.000324	8.08E-07	8.1E-05	6.87E-03	0.006368	0.000279	6.6E-07	8.6E-05	0.006734
2202	494911.06	3859801.99	0.05616	0.06039	0.05065	0.05936	5.09E-03	0.00026	9.5E-07	0.00014	0.00548	6.42E-03	0.000322	8.05E-07	8.03E-05	6.83E-03	0.006332	0.000277	6.57E-07	8.52E-05	0.006695
2203	494961.06	3859801.99	0.05589	0.0601	0.05048	0.05905	5.06E-03	0.00025	9.5E-07	0.00014	0.00546	6.39E-03	0.000321	8.02E-07	7.98E-05	6.79E-03	0.006302	0.000276	6.55E-07	8.48E-05	0.006663
2204	495011.06	3859801.99	0.05561	0.0598	0.0503	0.0587	5.04E-03	0.00025	9.4E-07	0.00014	0.00543	6.36E-03	0.000319	7.99E-07	7.94E-05	6.76E-03	0.00627	0.000275	6.53E-07	8.43E-05	0.00663
2205	495061.06	3859801.99	0.05537	0.05953	0.05013	0.05847	5.02E-03	0.00025	9.4E-07	0.00014	0.00541	6.33E-03	0.000318	7.97E-07	7.91E-05	6.73E-03	0.006243	0.000273	6.51E-07	8.4E-05	0.006601
2206	495111.06	3859801.99	0.05506	0.0592	0.04995	0.058	4.99E-03	0.00025	9.4E-07	0.00013	0.00538	6.30E-03	0.000316	7.94E-07	7.84E-05	6.69E-03	0.006208	0.000272	6.48E-07	8.33E-05	0.006564
2207	495161.06	3859801.99	0.05475	0.05888	0.04977	0.05757	4.96E-03	0.00025	9.3E-07	0.00013	0.00534	6.26E-03	0.000314	7.91E-07	7.78E-05	6.66E-03	0.006173	0.00027	6.46E-07	8.27E-05	0.006527
2208	495211.06	3859801.99	0.05451	0.05861	0.0496	0.05733	4.94E-03	0.00025	9.3E-07	0.00013	0.00532	6.23E-03	0.000313	7.88E-07	7.75E-05	6.63E-03	0.006146	0.000269	6.44E-07	8.23E-05	0.006498
2209	495261.06	3859801.99	0.0542	0.05829	0.04942	0.05687	4.91E-03	0.00025	9.3E-07	0.00013	0.00529	6.20E-03	0.000311	7.85E-07	7.69E-05	6.59E-03	0.006111	0.000268	6.41E-07	8.17E-05	0.006461
2210	495311.06	3859801.99	0.05397	0.05804	0.04925	0.05667	4.89E-03	0.00025	9.2E-07	0.00013	0.00527	6.17E-03	0.00031	7.83E-07	7.66E-05	6.56E-03	0.006085	0.000267	6.39E-07	8.14E-05	0.006434
2211	495361.06	3859801.99	0.05368	0.05774	0.04907	0.05628	4.86E-03	0.00024	9.2E-07	0.00013	0.00524	6.14E-03	0.000308	7.8E-07	7.61E-05	6.53E-03	0.006052	0.000265	6.37E-07	8.08E-05	0.006399
2212	495411.06	3859801.99	0.05336	0.0574	0.04887	0.05577	4.84E-03	0.00024	9.1E-07	0.00013	0.00521	6.10E-03	0.000306	7.77E-07	7.54E-05	6.49E-03	0.006016	0.000264	6.34E-07	8.01E-05	0.006361
2213	495461.06	3859801.99	0.05309	0.05712	0.04869	0.05541	4.81E-03	0.00024	9.1E-07	0.00013	0.00518	6.07E-03	0.000305	7.74E-07	7.49E-05	6.45E-03	0.005986	0.000262	6.32E-07	7.96E-05	0.006328
2214	495511.06	3859801.99	0.05272	0.05673	0.04847	0.05476	4.78E-03	0.00024	9.1E-07	0.00013	0.00515	6.03E-03	0.000303	7.7E-07	7.4E-05	6.41E-03	0.005944	0.000261	6.29E-07	7.86E-05	0.006284
2215	495561.06	3859801.99	0.05247	0.05648	0.04829	0.05449	4.75E-03	0.00024	9E-07	0.00013	0.00512	6.00E-03	0.000302	7.67E-07	7.37E-05	6.38E-03	0.005916	0.000259	6.27E-07	7.83E-05	0.006254
2216	495611.06	3859801.99	0.05232	0.05631	0.04814	0.05447	4.74E-03	0.00024	9E-07	0.00013	0.00511	5.98E-03	0.000301	7.65E-07	7.36E-05	6.36E-03	0.005899	0.000259	6.25E-07	7.82E-05	0.006237
2217	495661.06	3859801.99	0.05197	0.05597	0.04792	0.05389	4.71E-03	0.00024	9E-07	0.00012	0.00507	5.94E-03	0.000299	7.62E-07	7.29E-05	6.32E-03	0.00586	0.000257	6.22E-07	7.74E-05	0.006195
2218	494311.06	3859851.99	0.05867	0.06298	0.05183	0.06336	5.32E-03	0.00027	9.7E-07	0.00015	0.00573	6.71E-03	0.000336	8.24E-07	8.57E-05	7.13E-03	0.006615	0.000289	6.73E-07	9.1E-05	0.006996
2219	494361.06	3859851.99	0.05837	0.06269	0.05167	0.06283	5.29E-03	0.00027	9.7E-07	0.00015	0.0057	6.68E-03	0.000335	8.21E-07	8.5E-05	7.10E-03	0.006581	0.000288	6.71E-07	9.02E-05	0.00696
2220	494411.06	3859851.99	0.05805	0.06238	0.05151	0.0622	5.26E-03	0.00026	9.6E-07	0.00014	0.00567	6.64E-03	0.000333	8.19E-07	8.41E-05	7.06E-03	0.006545	0.000286	6.69E-07	8.93E-05	0.006922
2221	494461.06	3859851.99	0.05777	0.06211	0.05133	0.06179	5.24E-03	0.00026	9.6E-07	0.00014	0.00564	6.61E-03	0.000332	8.16E-07	8.35E-05	7.02E-03	0.006514	0.000285	6.66E-07	8.87E-05	0.006888
2222	494511.06	3859851.99	0.05757	0.06191	0.05113	0.06183	5.22E-03	0.00026	9.6E-07	0.00014	0.00562	6.58E-03	0.000331	8.13E-07	8.36E-05	7.00E-03	0.006491	0.000284	6.64E-07	8.88E-05	0.006865
2223	494561.06	3859851.99	0.05739	0.06173	0.05092	0.06198	5.20E-03	0.00026	9.5E-07	0.00014	0.00561	6.56E-03	0.00033	8.09E-07	8.38E-05	6.98E-03	0.006471	0.000283	6.61E-07	8.9E-05	0.006844
2224	494611.06	3859851.99	0.057	0.06124	0.0508	0.06095	5.17E-03	0.00026	9.5E-07	0.00014	0.00557	6.52E-03	0.000327	8.07E-07	8.24E-05	6.93E-03	0.006427	0.000281	6.59E-07	8.75E-05	0.006796
2225	494661.06	3859851.99	0.05678	0.06114	0.05061	0.0609	5.15E-03	0.00026	9.5E-07	0.00014	0.00555	6.49E-03	0.000326	8.04E-07	8.23E-05	6.90E-03	0.006402	0.000281	6.57E-07	8.75E-05	0.006771
2226	494711.06	3859851.99	0.05644	0.06067	0.05048	0.06018	5.11E-03	0.00026	9.5E-07	0.00014	0.00551	6.46E-03	0.000324	8.02E-07	8.14E-05	6.86E-03	0.006364	0.000279	6.55E-07	8.64E-05	0.006729
2227	494761.06	3859851.99	0.05627	0.06049	0.05027	0.06035	5.10E-03	0.00026	9.4E-07	0.00014	0.0055	6.44E-03	0.000323	7.99E-07	8.16E-05	6.84E-03	0.006344	0.000278	6.53E-07	8.67E-05	0.00671
2228	494811.06	3859851.99	0.056	0.06021	0.05012	0.05996	5.07E-03	0.00025	9.4E-07	0.00014	0.00547	6.41E-03	0.000321	7.97E-07	8.11E-05	6.81E-03	0.006314	0.000277	6.51E-07	8.61E-05	0.006677
2229	494861.06	3859851.99	0.05577	0.05997	0.04994	0.05982	5.05E-03	0.00025	9.3E-07	0.00014	0.00545	6.38E-03	0.00032	7.94E-07	8.09E-05	6.78E-03	0.006288	0.000275	6.48E-07	8.59E-05	0.00665
2230	494911.06	3859851.99	0.05548	0.05965	0.0498	0.05934	5.03E-03	0.00025	9.3E-07	0.00014	0.00542	6.35E-03	0.000319	7.91E-07	8.02E-05	6.75E-03	0.006255	0.000274	6.46E-07	8.52E-05	0.006615
2231	494961.06	3859851.99	0.05523	0.05938	0.04964	0.05903	5.01E-03	0.00025	9.3E-07	0.00014	0.00539	6.32E-03	0.000317	7.89E-07	7.98E-05	6.71E-03	0.006227	0.000273	6.44E-07	8.48E-05	0.006585
2232	495011.06	3859851.99	0.05497	0.0591	0.04948	0.0587	4.98E-03	0.00025	9.3E-07	0.00014	0.00537	6.29E-03	0.000316	7.86E-07	7.94E-05	6.68E-03	0.006198	0.000271	6.42E-07	8.43E-05	0.006554
2233	495061.06	3859851.99	0.05473	0.05884	0.04932	0.05848	4.96E-03	0.00025	9.2E-07	0.00014	0.00535	6.26E-03	0.000314	7.84E-07	7.91E-05	6.65E-03	0.006171	0.00027	6.4E-07	8.4E-05	0.006526
2234	495111.06	3859851.99	0.05443	0.05852	0.04917	0.05798	4.93E-03	0.00025	9.2E-07	0.00013	0.00532	6.23E-03	0.000312	7.81E-07	7.84E-05	6.62E-03	0.006137	0.000269	6.38E-07	8.33E-05	0.00649
2235	495161.06	3859851.99	0.05416	0.05823	0.04901	0.05761	4.91E-03	0.00025	9.2E-07	0.00013	0.00529	6.19E-03	0.000311	7.79E-07	7.79E-05	6.58E-03	0.006107	0.000267	6.36E-07	8.27E-05	0.006457
2236	495211.06	3859851.99	0.05391	0.05795	0.04885	0.05728	4.89E-03	0.00025	9.1E-07	0.00013	0.00526	6.17E-03	0.000309	7.76E-07	7.74E-05	6.55E-03	0.006078	0.000266	6.34E-07	8.23E-05	0.006427
2237	495261.06	3859851.99	0.05364	0.05765	0.04869	0.0569	4.86E-03	0.00024	9.1E-07	0.00013	0.00524	6.14E-03	0.000308	7.74E-07	7.69E-05	6.52E-03	0.006048	0.000265	6.32E-07	8.17E-05	0.006395
2238	495311.06	3859851.99	0.0534	0.0574	0.04853	0.05666	4.84E-03	0.00024	9.1E-07	0.00013	0.00521	6.11E-03	0.000306	7.71E-07	7.66E-05	6.49E-03	0.006021	0.000264	6.3E-07	8.14E-05	0.006366
2239	495361.06	3859851.99	0.05315	0.05713	0.04836	0.05635	4.82E-03	0.00024	9.1E-07	0.00013	0.00519	6.08E-03	0.000305	7.69E-07	7.62E-05	6.46E-03	0.005993	0.000262	6.28E-07	8.09E-05	0.006337
2240	495411.06	3859851.99	0.05286	0.05682	0.04819	0.05589	4.79E-03	0.00024	9E-07	0.00013	0.00516	6.05E-03	0.000303	7.66E-07	7.56E-05	6.43E-03	0.00596	0.000261	6.26E-07	8.03E-05	0.006302
2241	495461.06	3859851.99	0.05257	0.05651	0.04802	0.05544	4.76E-03	0.00024	9E-07	0.00013	0.00513	6.01E-03	0.000302	7.63E-07	7.5E-05	6.39E-03	0.005927	0.00026	6.23E-07	7.96E-05	0.006267
2242	495511.06	3859851.99	0.05225	0.05618	0.04784	0.0549	4.74E-03	0.00024	9E-07	0.00013	0.0051	5.98E-03	0.0003	7.6E-07	7.42E-05	6.35E-03	0.005891	0.000258	6.21E-07	7.88E-05	0.006229
2243	495561.06	3859851.99	0.05204	0.05595	0.04768	0.05473	4.72E-03	0.00024	8.9E-07	0.00013	0.00508	5.95E-03	0.000299	7.58E-07	7.4E-05	6.33E-03	0.005867	0.000257	6.19E-07	7.86E-05	0.006204
2244	495611.06	3859851.99	0.05182	0.05572	0.04752	0.0545	4.70E-03	0.00024	8.9E-07	0.00013	0.00506	5.93E-03	0.000298	7.55E-07	7.37E-05	6.30E-03	0.005843	0.000256	6.17E-07	7.83E-05	0.006177
2245	495661.06	3859851.99	0.05151	0.0554	0.04733	0.05399	4.67E-03	0.00023	8.9E-07	0.00013	0.00503	5.89E-03	0.000296	7.52E-07	7.3E-05	6.26E-03	0.005808	0.000254	6.14E-07	7.75E-05	0.00614
2246	494311.06	3859901.99	0.05773	0.06194	0.05096	0.06287	5.23E-03	0.00026	9.5E-07	0.00015	0.00564	6.60E-03	0.000331	8.1E-07	8.5E-05	7.02E-03	0.006509	0.000284	6.61E-07	9.03E-05	0.006884
2247	494361.06	3859901.99	0.0574	0.06161	0.05082	0.06204	5.20E-03	0.00026	9.5E-07	0.00014	0.00561	6.57E-03	0.000329	8.08E-07	8.39E-05	6.98E-03	0.006472	0.000283	6.6E-07	8.91E-05	0.006845
2248	494411.06	3859901.99	0.05717	0.06139	0.05063	0.06192	5.18E-03	0.00026	9.5E-07	0.00014	0.00558	6.54E-03	0.000328	8.05E-07	8.37E-05	6.95E-03	0.006446	0.000282	6.57E-07	8.89E-05	0.006817
2249	494461.06	3859901.99	0.05691	0.06114	0.05045	0.06155	5.16E-03	0.00026	9.4E-07	0.00014	0.00556	6.51E-03	0.000326	8.02E-07	8.32E-05	6.92E-03	0.006417	0.000281	6.55E-07	8.84E-05	0.006786
2250	494511.06	3859901.99	0.05669	0.06091	0.05026	0.06138	5.14E-03	0.00026	9.4E-07	0.00014	0.00554	6.48E-03	0.000325	7.99E-07	8.3E-05	6.89E-03	0.006392	0.00028	6.52E-07	8.81E-05	0.00676
2251	494561.06	3859901.99	0.05652	0.06076	0.05003	0.06167	5.12E-03	0.00026	9.4E-07	0.00014	0.00552	6.46E-03	0.000324	7.95E-07	8.34E-05	6.87E-03	0.006373	0.000279	6.49E-07	8.86E-05	0.006741
2252	494611.06	3859901.99	0.05617	0.0604	0.04993	0.06064	5.09E-03	0.00026	9.3E-07	0.00014	0.00549	6.42E-03	0.000323	7.94E-07	8.2E-05	6.83E-03	0.006333	0.000277	6.48E-07	8.71E-05	0.006698
2253	494661.06	3859901.99	0.05599	0.06023	0.04972	0.06082	5.07E-03	0.00025	9.3E-07	0.00014	0.00547	6.40E-03	0.000322	7.9E-07	8.22E-05	6.81E-03	0.006313	0.000277	6.45E-07	8.73E-05	0.006677

2254	494711.06	3859901.99	0.05563	0.05987	0.04962	0.05982	5.04E-03	0.00025	9.3E-07	0.00014	0.00543	6.36E-03	0.00032	7.89E-07	8.09E-05	6.76E-03	0.006272	0.000275	6.44E-07	8.59E-05	0.006634
2255	494761.06	3859901.99	0.05543	0.05967	0.04943	0.05983	5.02E-03	0.00025	9.3E-07	0.00014	0.00542	6.34E-03	0.000319	7.86E-07	8.09E-05	6.74E-03	0.00625	0.000274	6.42E-07	8.59E-05	0.00661
2256	494811.06	3859901.99	0.05524	0.05948	0.04923	0.05985	5.01E-03	0.00025	9.2E-07	0.00014	0.0054	6.32E-03	0.000318	7.82E-07	8.09E-05	6.72E-03	0.006228	0.000273	6.39E-07	8.59E-05	0.006588
2257	494861.06	3859901.99	0.05501	0.05925	0.04906	0.05967	4.99E-03	0.00025	9.2E-07	0.00014	0.00537	6.29E-03	0.000316	7.8E-07	8.07E-05	6.69E-03	0.006202	0.000272	6.37E-07	8.57E-05	0.006561
2258	494911.06	3859901.99	0.05473	0.05897	0.04893	0.05919	4.96E-03	0.00025	9.2E-07	0.00014	0.00535	6.26E-03	0.000315	7.78E-07	8E-05	6.66E-03	0.006171	0.000271	6.35E-07	8.5E-05	0.006527
2259	494961.06	3859901.99	0.0545	0.05874	0.04876	0.05897	4.94E-03	0.00025	9.1E-07	0.00014	0.00532	6.23E-03	0.000314	7.75E-07	7.97E-05	6.63E-03	0.006145	0.00027	6.33E-07	8.47E-05	0.0065
2260	495011.06	3859901.99	0.05424	0.05847	0.04862	0.05856	4.92E-03	0.00025	9.1E-07	0.00014	0.0053	6.20E-03	0.000312	7.73E-07	7.92E-05	6.60E-03	0.006116	0.000269	6.31E-07	8.41E-05	0.006469
2261	495061.06	3859901.99	0.05399	0.05822	0.04847	0.05823	4.89E-03	0.00025	9.1E-07	0.00013	0.00527	6.18E-03	0.000311	7.7E-07	7.87E-05	6.57E-03	0.006087	0.000267	6.29E-07	8.36E-05	0.006439
2262	495111.06	3859901.99	0.05372	0.05777	0.04834	0.05774	4.87E-03	0.00024	9E-07	0.00013	0.00525	6.14E-03	0.000308	7.68E-07	7.81E-05	6.53E-03	0.006057	0.000265	6.27E-07	8.29E-05	0.006406
2263	495161.06	3859901.99	0.05345	0.05747	0.04821	0.0573	4.84E-03	0.00024	9E-07	0.00013	0.00522	6.11E-03	0.000307	7.66E-07	7.75E-05	6.50E-03	0.006026	0.000264	6.26E-07	8.23E-05	0.006373
2264	495211.06	3859901.99	0.05324	0.05724	0.04805	0.05714	4.82E-03	0.00024	9E-07	0.00013	0.0052	6.09E-03	0.000306	7.64E-07	7.73E-05	6.47E-03	0.006003	0.000263	6.24E-07	8.21E-05	0.006348
2265	495261.06	3859901.99	0.05295	0.05692	0.04791	0.05659	4.80E-03	0.00024	9E-07	0.00013	0.00517	6.06E-03	0.000304	7.61E-07	7.65E-05	6.44E-03	0.00597	0.000261	6.22E-07	8.13E-05	0.006313
2266	495311.06	3859901.99	0.05274	0.05669	0.04775	0.05643	4.78E-03	0.00024	8.9E-07	0.00013	0.00515	6.03E-03	0.000303	7.59E-07	7.63E-05	6.41E-03	0.005946	0.00026	6.2E-07	8.1E-05	0.006288
2267	495361.06	3859901.99	0.05249	0.05642	0.04761	0.05607	4.76E-03	0.00024	8.9E-07	0.00013	0.00513	6.00E-03	0.000301	7.57E-07	7.58E-05	6.38E-03	0.005918	0.000259	6.18E-07	8.05E-05	0.006258
2268	495411.06	3859901.99	0.05221	0.05611	0.04747	0.0556	4.73E-03	0.00024	8.9E-07	0.00013	0.0051	5.97E-03	0.0003	7.54E-07	7.52E-05	6.35E-03	0.005887	0.000258	6.16E-07	7.98E-05	0.006225
2269	495461.06	3859901.99	0.05195	0.05583	0.04731	0.05521	4.71E-03	0.00024	8.9E-07	0.00013	0.00507	5.94E-03	0.000298	7.52E-07	7.46E-05	6.32E-03	0.005857	0.000256	6.14E-07	7.93E-05	0.006194
2270	495511.06	3859901.99	0.05174	0.0556	0.04716	0.05501	4.69E-03	0.00024	8.8E-07	0.00013	0.00505	5.92E-03	0.000297	7.5E-07	7.44E-05	6.29E-03	0.005834	0.000255	6.12E-07	7.9E-05	0.006169
2271	495561.06	3859901.99	0.05152	0.05537	0.047	0.0548	4.67E-03	0.00023	8.8E-07	0.00013	0.00503	5.89E-03	0.000296	7.47E-07	7.41E-05	6.26E-03	0.005809	0.000254	6.1E-07	7.87E-05	0.006142
2272	495611.06	3859901.99	0.05126	0.05508	0.04684	0.05436	4.65E-03	0.00023	8.8E-07	0.00013	0.00501	5.86E-03	0.000294	7.44E-07	7.35E-05	6.23E-03	0.00578	0.000253	6.08E-07	7.81E-05	0.006111
2273	495661.06	3859901.99	0.05097	0.05477	0.04668	0.05388	4.62E-03	0.00023	8.7E-07	0.00012	0.00498	5.83E-03	0.000292	7.42E-07	7.29E-05	6.20E-03	0.005747	0.000252	6.06E-07	7.74E-05	0.006076
2274	494311.06	3859951.99	0.05681	0.0612	0.05012	0.0625	5.15E-03	0.00026	9.4E-07	0.00014	0.00555	6.50E-03	0.000327	7.97E-07	8.45E-05	6.91E-03	0.006405	0.000281	6.51E-07	8.98E-05	0.006777
2275	494361.06	3859951.99	0.05654	0.06097	0.04995	0.06198	5.12E-03	0.00026	9.4E-07	0.00014	0.00553	6.47E-03	0.000326	7.94E-07	8.38E-05	6.88E-03	0.006375	0.00028	6.48E-07	8.9E-05	0.006745
2276	494411.06	3859951.99	0.05628	0.0604	0.04978	0.06154	5.10E-03	0.00026	9.3E-07	0.00014	0.0055	6.44E-03	0.000323	7.91E-07	8.32E-05	6.84E-03	0.006346	0.000277	6.46E-07	8.84E-05	0.006712
2277	494461.06	3859951.99	0.05603	0.06016	0.0496	0.06119	5.08E-03	0.00025	9.3E-07	0.00014	0.00547	6.41E-03	0.000321	7.88E-07	8.27E-05	6.81E-03	0.006317	0.000276	6.44E-07	8.79E-05	0.006682
2278	494511.06	3859951.99	0.05581	0.05995	0.04942	0.06104	5.06E-03	0.00025	9.3E-07	0.00014	0.00545	6.38E-03	0.00032	7.85E-07	8.25E-05	6.79E-03	0.006293	0.000275	6.41E-07	8.77E-05	0.006656
2279	494561.06	3859951.99	0.05566	0.06005	0.04918	0.0614	5.04E-03	0.00025	9.2E-07	0.00014	0.00544	6.37E-03	0.000321	7.82E-07	8.3E-05	6.77E-03	0.006276	0.000276	6.38E-07	8.82E-05	0.00664
2280	494611.06	3859951.99	0.05535	0.0595	0.04906	0.06056	5.02E-03	0.00025	9.2E-07	0.00014	0.00541	6.33E-03	0.000318	7.8E-07	8.19E-05	6.73E-03	0.006241	0.000273	6.37E-07	8.7E-05	0.006602
2281	494661.06	3859951.99	0.05516	0.05959	0.04886	0.06065	5.00E-03	0.00025	9.1E-07	0.00014	0.00539	6.31E-03	0.000318	7.77E-07	8.2E-05	6.71E-03	0.006219	0.000274	6.34E-07	8.71E-05	0.006581
2282	494711.06	3859951.99	0.05486	0.05901	0.04873	0.05988	4.97E-03	0.00025	9.1E-07	0.00014	0.00536	6.27E-03	0.000315	7.74E-07	8.1E-05	6.67E-03	0.006185	0.000271	6.33E-07	8.6E-05	0.006543
2283	494761.06	3859951.99	0.05464	0.05879	0.04855	0.05972	4.95E-03	0.00025	9.1E-07	0.00014	0.00534	6.25E-03	0.000314	7.72E-07	8.07E-05	6.65E-03	0.006161	0.00027	6.3E-07	8.58E-05	0.006517
2284	494811.06	3859951.99	0.05441	0.05857	0.04839	0.05949	4.93E-03	0.00025	9.1E-07	0.00014	0.00532	6.22E-03	0.000313	7.69E-07	8.04E-05	6.62E-03	0.006135	0.000269	6.28E-07	8.54E-05	0.00649
2285	494861.06	3859951.99	0.0542	0.05837	0.0482	0.05944	4.91E-03	0.00025	9E-07	0.00014	0.0053	6.20E-03	0.000312	7.66E-07	8.04E-05	6.59E-03	0.006111	0.000268	6.26E-07	8.54E-05	0.006465
2286	494911.06	3859951.99	0.05395	0.0581	0.04806	0.05897	4.89E-03	0.00025	9E-07	0.00014	0.00527	6.17E-03	0.00031	7.64E-07	7.97E-05	6.56E-03	0.006083	0.000267	6.24E-07	8.47E-05	0.006435
2287	494961.06	3859951.99	0.0537	0.05785	0.04793	0.05855	4.87E-03	0.00024	9E-07	0.00014	0.00525	6.14E-03	0.000309	7.62E-07	7.92E-05	6.53E-03	0.006055	0.000266	6.22E-07	8.41E-05	0.006405
2288	495011.06	3859951.99	0.05346	0.0576	0.04778	0.05819	4.84E-03	0.00024	8.9E-07	0.00013	0.00522	6.11E-03	0.000308	7.59E-07	7.87E-05	6.50E-03	0.006028	0.000265	6.2E-07	8.36E-05	0.006376
2289	495061.06	3859951.99	0.05323	0.05737	0.04763	0.05793	4.82E-03	0.00024	8.9E-07	0.00013	0.0052	6.09E-03	0.000306	7.57E-07	7.83E-05	6.47E-03	0.006002	0.000263	6.18E-07	8.32E-05	0.006349
2290	495111.06	3859951.99	0.05297	0.0571	0.04751	0.05746	4.80E-03	0.00024	8.9E-07	0.00013	0.00518	6.06E-03	0.000305	7.55E-07	7.77E-05	6.44E-03	0.005972	0.000262	6.17E-07	8.25E-05	0.006318
2291	495161.06	3859951.99	0.05272	0.05684	0.04738	0.05702	4.78E-03	0.00024	8.9E-07	0.00013	0.00515	6.03E-03	0.000303	7.53E-07	7.71E-05	6.41E-03	0.005944	0.000261	6.15E-07	8.19E-05	0.006288
2292	495211.06	3859951.99	0.05247	0.05643	0.04725	0.0566	4.75E-03	0.00024	8.8E-07	0.00013	0.00513	6.00E-03	0.000301	7.51E-07	7.65E-05	6.38E-03	0.005916	0.000259	6.13E-07	8.13E-05	0.006257
2293	495261.06	3859951.99	0.05224	0.05618	0.04711	0.05628	4.73E-03	0.00024	8.8E-07	0.00013	0.0051	5.98E-03	0.0003	7.49E-07	7.61E-05	6.35E-03	0.00589	0.000258	6.12E-07	8.08E-05	0.006229
2294	495311.06	3859951.99	0.05204	0.05597	0.04695	0.05618	4.72E-03	0.00024	8.8E-07	0.00013	0.00508	5.95E-03	0.000299	7.46E-07	7.6E-05	6.33E-03	0.005867	0.000257	6.09E-07	8.07E-05	0.006206
2295	495361.06	3859951.99	0.05182	0.05573	0.04681	0.05592	4.70E-03	0.00024	8.8E-07	0.00013	0.00506	5.93E-03	0.000298	7.44E-07	7.56E-05	6.30E-03	0.005843	0.000256	6.08E-07	8.03E-05	0.00618
2296	495411.06	3859951.99	0.05157	0.05545	0.04669	0.05549	4.67E-03	0.00023	8.7E-07	0.00013	0.00504	5.90E-03	0.000296	7.42E-07	7.5E-05	6.27E-03	0.005814	0.000255	6.06E-07	7.97E-05	0.006149
2297	495461.06	3859951.99	0.05133	0.05518	0.04655	0.05513	4.65E-03	0.00023	8.7E-07	0.00013	0.00501	5.87E-03	0.000295	7.4E-07	7.45E-05	6.24E-03	0.005787	0.000253	6.04E-07	7.92E-05	0.006121
2298	495511.06	3859951.99	0.05109	0.05492	0.04642	0.05475	4.63E-03	0.00023	8.7E-07	0.00013	0.00499	5.84E-03	0.000293	7.38E-07	7.4E-05	6.21E-03	0.00576	0.000252	6.03E-07	7.86E-05	0.006092
2299	495561.06	3859951.99	0.05091	0.05473	0.04626	0.0547	4.61E-03	0.00023	8.7E-07	0.00013	0.00497	5.82E-03	0.000292	7.35E-07	7.4E-05	6.19E-03	0.00574	0.000251	6E-07	7.86E-05	0.006071
2300	495611.06	3859951.99	0.05066	0.05445	0.04613	0.05429	4.59E-03	0.00023	8.6E-07	0.00013	0.00495	5.79E-03	0.000291	7.33E-07	7.34E-05	6.16E-03	0.005712	0.00025	5.99E-07	7.8E-05	0.006041
2301	495661.06	3859951.99	0.05039	0.05415	0.046	0.05376	4.57E-03	0.00023	8.6E-07	0.00012	0.00492	5.76E-03	0.000289	7.31E-07	7.27E-05	6.13E-03	0.005681	0.000249	5.97E-07	7.72E-05	0.006008
2302	494311.06	3860001.99	0.05588	0.06011	0.04931	0.06202	5.06E-03	0.00025	9.2E-07	0.00014	0.00546	6.39E-03	0.000321	7.84E-07	8.39E-05	6.80E-03	0.0063	0.000276	6.4E-07	8.91E-05	0.006666
2303	494361.06	3860001.99	0.05564	0.05989	0.04913	0.06167	5.04E-03	0.00025	9.2E-07	0.00014	0.00544	6.36E-03	0.00032	7.81E-07	8.34E-05	6.77E-03	0.006273	0.000275	6.38E-07	8.86E-05	0.006638
2304	494411.06	3860001.99	0.05537	0.05967	0.04897	0.06106	5.02E-03	0.00025	9.2E-07	0.00014	0.00541	6.33E-03	0.000319	7.78E-07	8.26E-05	6.74E-03	0.006243	0.000274	6.36E-07	8.77E-05	0.006605
2305	494461.06	3860001.99	0.05515	0.05945	0.04879	0.06086	5.00E-03	0.00025	9.1E-07	0.00014	0.00539	6.31E-03	0.000317	7.75E-07	8.23E-05	6.71E-03	0.006218	0.000273	6.33E-07	8.74E-05	0.006579
2306	494511.06	3860001.99	0.05491	0.05922	0.04863	0.06042	4.98E-03	0.00025	9.1E-07	0.00014	0.00537	6.28E-03	0.000316	7.73E-07	8.17E-05	6.68E-03	0.006191	0.000272	6.31E-07	8.68E-05	0.00655
2307	494561.06	3860001.99	0.05478	0.05901	0.04839	0.06097	4.96E-03	0.00025	9.1E-07	0.00014	0.00536	6.27E-03	0.000315	7.69E-07	8.24E-05	6.66E-03	0.006176	0.000271	6.28E-07	8.76E-05	0.006536
2308	494611.06	3860001.99	0.05453	0.05879	0.04823	0.06049	4.94E-03	0.00025	9E-07	0.00014	0.00533	6.24E-03	0.000314	7.67E-07	8.18E-05	6.63E-03	0.006148	0.00027	6.26E-07	8.69E-05	0.006506
2309	494661.06	3860001.99	0.05431	0.05857	0.04805	0.06027	4.92E-03	0.00025	9E-07	0.00014	0.00531	6.21E-03	0.000313	7.64E-07	8.15E-05	6.61E-03	0.006123	0.000269	6.24E-07	8.66E-05	0.00648
2310	494711.06	3860001.99	0.05398	0.05834	0.04795	0.05922	4.89E-03	0.00025	9E-07	0.00014	0.00528	6.17E-03	0.000312	7.62E-07	8.01E-05	6.57E-03	0.006086	0.000268	6.22E-07	8.5E-05	0.00644
2311	494761.06	3860001.99	0.05382	0.05812	0.04774	0.05942	4.88E-03	0.00025	8.9E-07	0.00014	0.00526	6.16E-03	0.00031	7.59E-07	8.03E-05	6.55E-03	0.006068	0.000267	6.2E-07	8.53E-05	0.006421
2312	494811.06	3860001.99	0.0536	0.0579	0.04756	0.05927	4.86E-03	0.00024	8.9E-07	0.00014	0.00524	6.13E-03	0.000309	7.56E-07	8.01E-05	6.52E-03	0.006043	0.000266	6.17E-07	8.51E-05	0.006395
2313	494861.06	3860001.99	0.0534	0.05769	0.04738	0.05918	4.84E-03	0.00024	8.9E-07	0.00014	0.00522	6.11E-03	0.000308	7.53E-07	8E-05	6.50E-03	0.006021	0.000265	6.15E-07	8.5E-05	0.006371
2314	494911.06	3860001.99	0.05309	0.05717	0.04729	0.05823	4.81E-03	0.00024	8.9E-07	0.00013	0.00519	6.07E-03	0.000305	7.52E-07	7.87E-05	6.46E-03	0.005986	0.000263	6.14E-07	8.36E-05	0.006333

2315	494961.06	3860001.99	0.05289	0.05696	0.04712	0.05811	4.79E-03	0.00024	8.8E-07	0.00013	0.00517	6.05E-03	0.000304	7.49E-07	7.86E-05	6.43E-03	0.005963	0.000262	6.12E-07	8.34E-05	0.006309
2316	495011.06	3860001.99	0.05265	0.05672	0.04698	0.0577	4.77E-03	0.00024	8.8E-07	0.00013	0.00515	6.02E-03	0.000303	7.47E-07	7.8E-05	6.40E-03	0.005936	0.00026	6.1E-07	8.29E-05	0.00628
2317	495061.06	3860001.99	0.05244	0.05652	0.04681	0.05761	4.75E-03	0.00024	8.8E-07	0.00013	0.00513	6.00E-03	0.000302	7.44E-07	7.79E-05	6.38E-03	0.005913	0.00026	6.08E-07	8.27E-05	0.006255
2318	495111.06	3860001.99	0.05221	0.05627	0.04668	0.05718	4.73E-03	0.00024	8.7E-07	0.00013	0.0051	5.97E-03	0.0003	7.42E-07	7.73E-05	6.35E-03	0.005887	0.000258	6.06E-07	8.21E-05	0.006228
2319	495161.06	3860001.99	0.05197	0.05602	0.04656	0.05675	4.71E-03	0.00024	8.7E-07	0.00013	0.00508	5.94E-03	0.000299	7.4E-07	7.67E-05	6.32E-03	0.00586	0.000257	6.04E-07	8.15E-05	0.006199
2320	495211.06	3860001.99	0.05177	0.05582	0.0464	0.05664	4.69E-03	0.00024	8.7E-07	0.00013	0.00506	5.92E-03	0.000298	7.37E-07	7.66E-05	6.30E-03	0.005837	0.000256	6.02E-07	8.13E-05	0.006175
2321	495261.06	3860001.99	0.05154	0.05558	0.04627	0.05626	4.67E-03	0.00024	8.7E-07	0.00013	0.00504	5.90E-03	0.000297	7.35E-07	7.61E-05	6.27E-03	0.005811	0.000255	6.01E-07	8.08E-05	0.006148
2322	495311.06	3860001.99	0.05133	0.05536	0.04613	0.05601	4.65E-03	0.00023	8.6E-07	0.00013	0.00502	5.87E-03	0.000296	7.33E-07	7.57E-05	6.24E-03	0.005787	0.000254	5.99E-07	8.04E-05	0.006123
2323	495361.06	3860001.99	0.05106	0.05508	0.04604	0.05538	4.63E-03	0.00023	8.6E-07	0.00013	0.00499	5.84E-03	0.000294	7.32E-07	7.49E-05	6.21E-03	0.005757	0.000253	5.98E-07	7.95E-05	0.00609
2324	495411.06	3860001.99	0.05088	0.0549	0.04588	0.05536	4.61E-03	0.00023	8.6E-07	0.00013	0.00497	5.82E-03	0.000293	7.29E-07	7.49E-05	6.19E-03	0.005737	0.000252	5.96E-07	7.95E-05	0.006069
2325	495461.06	3860001.99	0.05066	0.05466	0.04574	0.05504	4.59E-03	0.00023	8.6E-07	0.00013	0.00495	5.79E-03	0.000292	7.27E-07	7.44E-05	6.16E-03	0.005712	0.000251	5.94E-07	7.9E-05	0.006043
2326	495511.06	3860001.99	0.05045	0.05443	0.04561	0.05473	4.57E-03	0.00023	8.5E-07	0.00013	0.00493	5.77E-03	0.000291	7.25E-07	7.4E-05	6.14E-03	0.005688	0.00025	5.92E-07	7.86E-05	0.006017
2327	495561.06	3860001.99	0.05025	0.05423	0.04546	0.0546	4.55E-03	0.00023	8.5E-07	0.00013	0.00491	5.75E-03	0.00029	7.23E-07	7.38E-05	6.11E-03	0.005666	0.000249	5.9E-07	7.84E-05	0.005994
2328	495611.06	3860001.99	0.05002	0.05381	0.04536	0.05415	4.53E-03	0.00023	8.5E-07	0.00013	0.00489	5.72E-03	0.000287	7.21E-07	7.32E-05	6.08E-03	0.00564	0.000247	5.89E-07	7.78E-05	0.005965
2329	495661.06	3860001.99	0.04979	0.05354	0.04525	0.05373	4.51E-03	0.00023	8.5E-07	0.00012	0.00486	5.69E-03	0.000286	7.19E-07	7.26E-05	6.05E-03	0.005614	0.000246	5.87E-07	7.72E-05	0.005937
2330	494411.06	3860051.99	0.05448	0.05862	0.04819	0.06073	4.94E-03	0.00025	9E-07	0.00014	0.00533	6.23E-03	0.000313	7.66E-07	8.21E-05	6.63E-03	0.006143	0.000269	6.26E-07	8.72E-05	0.0065
2331	494461.06	3860051.99	0.05426	0.05841	0.04802	0.06038	4.92E-03	0.00025	9E-07	0.00014	0.00531	6.21E-03	0.000312	7.63E-07	8.16E-05	6.60E-03	0.006118	0.000268	6.23E-07	8.67E-05	0.006473
2332	494511.06	3860051.99	0.05404	0.0582	0.04785	0.06008	4.90E-03	0.00025	9E-07	0.00014	0.00528	6.18E-03	0.000311	7.6E-07	8.12E-05	6.57E-03	0.006093	0.000267	6.21E-07	8.63E-05	0.006447
2333	494561.06	3860051.99	0.05386	0.05798	0.04764	0.06022	4.88E-03	0.00025	8.9E-07	0.00014	0.00527	6.16E-03	0.00031	7.57E-07	8.14E-05	6.55E-03	0.006073	0.000266	6.18E-07	8.65E-05	0.006426
2334	494611.06	3860051.99	0.05365	0.05777	0.04745	0.06008	4.86E-03	0.00024	8.9E-07	0.00014	0.00525	6.14E-03	0.000308	7.54E-07	8.12E-05	6.53E-03	0.006049	0.000265	6.16E-07	8.63E-05	0.006401
2335	494661.06	3860051.99	0.05344	0.05756	0.04728	0.05987	4.84E-03	0.00024	8.9E-07	0.00014	0.00523	6.11E-03	0.000307	7.51E-07	8.1E-05	6.50E-03	0.006025	0.000264	6.14E-07	8.6E-05	0.006376
2336	494711.06	3860051.99	0.05319	0.05735	0.04714	0.05924	4.82E-03	0.00024	8.8E-07	0.00014	0.0052	6.08E-03	0.000306	7.49E-07	8.01E-05	6.47E-03	0.005997	0.000263	6.12E-07	8.51E-05	0.006346
2337	494761.06	3860051.99	0.05298	0.05714	0.04697	0.05907	4.80E-03	0.00024	8.8E-07	0.00014	0.00518	6.06E-03	0.000305	7.47E-07	7.99E-05	6.45E-03	0.005973	0.000262	6.1E-07	8.48E-05	0.006321
2338	494811.06	3860051.99	0.05279	0.05693	0.04678	0.05906	4.78E-03	0.00024	8.8E-07	0.00014	0.00516	6.04E-03	0.000304	7.43E-07	7.99E-05	6.42E-03	0.005952	0.000261	6.07E-07	8.48E-05	0.006299
2339	494861.06	3860051.99	0.05258	0.05671	0.04659	0.059	4.76E-03	0.00024	8.7E-07	0.00014	0.00514	6.01E-03	0.000303	7.4E-07	7.98E-05	6.40E-03	0.005928	0.00026	6.05E-07	8.47E-05	0.006274
2340	494911.06	3860051.99	0.05236	0.0565	0.04645	0.05852	4.74E-03	0.00024	8.7E-07	0.00014	0.00512	5.99E-03	0.000302	7.38E-07	7.91E-05	6.37E-03	0.005904	0.000259	6.03E-07	8.4E-05	0.006248
2341	494961.06	3860051.99	0.05212	0.05629	0.04632	0.058	4.72E-03	0.00024	8.7E-07	0.00013	0.0051	5.96E-03	0.000301	7.36E-07	7.84E-05	6.34E-03	0.005877	0.000259	6.01E-07	8.33E-05	0.006219
2342	495011.06	3860051.99	0.05188	0.05608	0.04618	0.05756	4.70E-03	0.00024	8.6E-07	0.00013	0.00507	5.93E-03	0.000299	7.34E-07	7.78E-05	6.31E-03	0.005849	0.000258	5.99E-07	8.27E-05	0.00619
2343	495061.06	3860051.99	0.05166	0.05587	0.04603	0.05724	4.68E-03	0.00024	8.6E-07	0.00013	0.00505	5.91E-03	0.000298	7.32E-07	7.74E-05	6.29E-03	0.005825	0.000257	5.97E-07	8.22E-05	0.006164
2344	495111.06	3860051.99	0.05142	0.05566	0.04591	0.05675	4.66E-03	0.00024	8.6E-07	0.00013	0.00503	5.88E-03	0.000297	7.3E-07	7.67E-05	6.26E-03	0.005798	0.000256	5.96E-07	8.15E-05	0.006135
2345	495161.06	3860051.99	0.05121	0.05545	0.04577	0.05644	4.64E-03	0.00023	8.6E-07	0.00013	0.00501	5.86E-03	0.000296	7.27E-07	7.63E-05	6.23E-03	0.005774	0.000255	5.94E-07	8.11E-05	0.00611
2346	495211.06	3860051.99	0.05098	0.05497	0.04564	0.05606	4.62E-03	0.00023	8.5E-07	0.00013	0.00498	5.83E-03	0.000294	7.25E-07	7.58E-05	6.20E-03	0.005748	0.000252	5.92E-07	8.05E-05	0.006082
2347	495261.06	3860051.99	0.05078	0.05476	0.04549	0.05584	4.60E-03	0.00023	8.5E-07	0.00013	0.00496	5.81E-03	0.000292	7.23E-07	7.55E-05	6.18E-03	0.005725	0.000251	5.9E-07	8.02E-05	0.006058
2348	495311.06	3860051.99	0.05058	0.05456	0.04533	0.05569	4.58E-03	0.00023	8.5E-07	0.00013	0.00494	5.79E-03	0.000291	7.2E-07	7.53E-05	6.15E-03	0.005703	0.000251	5.88E-07	8E-05	0.006034
2349	495361.06	3860051.99	0.05038	0.05435	0.0452	0.05545	4.57E-03	0.00023	8.5E-07	0.00013	0.00492	5.76E-03	0.00029	7.18E-07	7.5E-05	6.13E-03	0.00568	0.00025	5.87E-07	7.96E-05	0.00601
2350	495411.06	3860051.99	0.05017	0.05414	0.04506	0.05517	4.55E-03	0.00023	8.4E-07	0.00013	0.0049	5.74E-03	0.000289	7.16E-07	7.46E-05	6.10E-03	0.005657	0.000249	5.85E-07	7.92E-05	0.005985
2351	495461.06	3860051.99	0.04995	0.05391	0.04494	0.05484	4.53E-03	0.00023	8.4E-07	0.00013	0.00488	5.71E-03	0.000288	7.14E-07	7.41E-05	6.08E-03	0.005632	0.000248	5.83E-07	7.88E-05	0.005959
2352	495511.06	3860051.99	0.04976	0.05371	0.0448	0.05464	4.51E-03	0.00023	8.4E-07	0.00013	0.00486	5.69E-03	0.000287	7.12E-07	7.39E-05	6.05E-03	0.00561	0.000247	5.82E-07	7.85E-05	0.005936
2353	495561.06	3860051.99	0.04955	0.05349	0.04467	0.05436	4.49E-03	0.00023	8.4E-07	0.00013	0.00484	5.67E-03	0.000286	7.1E-07	7.35E-05	6.03E-03	0.005587	0.000246	5.8E-07	7.81E-05	0.005911
2354	495611.06	3860051.99	0.04935	0.05327	0.04456	0.05401	4.47E-03	0.00023	8.3E-07	0.00013	0.00482	5.64E-03	0.000284	7.08E-07	7.3E-05	6.00E-03	0.005564	0.000245	5.78E-07	7.76E-05	0.005887
2355	495661.06	3860051.99	0.04912	0.05302	0.04447	0.05353	4.45E-03	0.00022	8.3E-07	0.00012	0.0048	5.62E-03	0.000283	7.07E-07	7.24E-05	5.97E-03	0.005538	0.000243	5.77E-07	7.69E-05	0.005859
2356	494411.06	3860101.99	0.05354	0.05758	0.04747	0.05991	4.85E-03	0.00024	8.9E-07	0.00014	0.00524	6.12E-03	0.000307	7.54E-07	8.1E-05	6.51E-03	0.006037	0.000264	6.16E-07	8.6E-05	0.006388
2357	494461.06	3860101.99	0.05336	0.05737	0.04726	0.05997	4.84E-03	0.00024	8.8E-07	0.00014	0.00522	6.10E-03	0.000306	7.51E-07	8.11E-05	6.49E-03	0.006016	0.000263	6.13E-07	8.61E-05	0.006367
2358	494511.06	3860101.99	0.05314	0.05718	0.04711	0.05945	4.82E-03	0.00024	8.8E-07	0.00014	0.0052	6.08E-03	0.000305	7.49E-07	8.04E-05	6.46E-03	0.005992	0.000263	6.12E-07	8.54E-05	0.00634
2359	494561.06	3860101.99	0.05294	0.05698	0.04693	0.05936	4.80E-03	0.00024	8.8E-07	0.00014	0.00518	6.06E-03	0.000304	7.46E-07	8.03E-05	6.44E-03	0.005969	0.000262	6.09E-07	8.52E-05	0.006316
2360	494611.06	3860101.99	0.05276	0.05675	0.04672	0.05946	4.78E-03	0.00024	8.7E-07	0.00014	0.00516	6.03E-03	0.000303	7.43E-07	8.04E-05	6.42E-03	0.005949	0.000261	6.06E-07	8.54E-05	0.006295
2361	494661.06	3860101.99	0.05255	0.05654	0.04654	0.05931	4.76E-03	0.00024	8.7E-07	0.00014	0.00514	6.01E-03	0.000302	7.4E-07	8.02E-05	6.39E-03	0.005925	0.00026	6.04E-07	8.52E-05	0.00627
2362	494711.06	3860101.99	0.05233	0.05636	0.0464	0.05881	4.74E-03	0.00024	8.7E-07	0.00014	0.00512	5.99E-03	0.000301	7.37E-07	7.95E-05	6.37E-03	0.0059	0.000259	6.02E-07	8.45E-05	0.006244
2363	494761.06	3860101.99	0.05213	0.05615	0.04623	0.05862	4.72E-03	0.00024	8.7E-07	0.00014	0.0051	5.96E-03	0.0003	7.35E-07	7.93E-05	6.34E-03	0.005878	0.000258	6E-07	8.42E-05	0.00622
2364	494811.06	3860101.99	0.05193	0.05595	0.04605	0.05846	4.71E-03	0.00024	8.6E-07	0.00014	0.00508	5.94E-03	0.000299	7.32E-07	7.9E-05	6.32E-03	0.005855	0.000257	5.98E-07	8.4E-05	0.006197
2365	494861.06	3860101.99	0.05171	0.05567	0.04582	0.05877	4.69E-03	0.00024	8.6E-07	0.00014	0.00506	5.91E-03	0.000297	7.28E-07	7.95E-05	6.29E-03	0.00583	0.000256	5.95E-07	8.44E-05	0.006171
2366	494911.06	3860101.99	0.0515	0.05556	0.04575	0.05776	4.67E-03	0.00024	8.6E-07	0.00013	0.00504	5.89E-03	0.000297	7.27E-07	7.81E-05	6.27E-03	0.005807	0.000255	5.94E-07	8.29E-05	0.006145
2367	494961.06	3860101.99	0.0513	0.05536	0.04559	0.05753	4.65E-03	0.00023	8.5E-07	0.00013	0.00502	5.87E-03	0.000296	7.25E-07	7.78E-05	6.24E-03	0.005784	0.000254	5.92E-07	8.26E-05	0.006121
2368	495011.06	3860101.99	0.05109	0.05516	0.04545	0.05713	4.63E-03	0.00023	8.5E-07	0.00013	0.005	5.84E-03	0.000295	7.22E-07	7.72E-05	6.22E-03	0.00576	0.000253	5.9E-07	8.2E-05	0.006096
2369	495061.06	3860101.99	0.05087	0.05496	0.0453	0.05676	4.61E-03	0.00023	8.5E-07	0.00013	0.00497	5.82E-03	0.000293	7.2E-07	7.67E-05	6.19E-03	0.005736	0.000252	5.88E-07	8.15E-05	0.00607
2370	495111.06	3860101.99	0.05064	0.05476	0.04518	0.05626	4.59E-03	0.00023	8.5E-07	0.00013	0.00495	5.79E-03	0.000292	7.18E-07	7.61E-05	6.16E-03	0.00571	0.000251	5.86E-07	8.08E-05	0.006042
2371	495161.06	3860101.99	0.05045	0.05456	0.04502	0.05608	4.57E-03	0.00023	8.4E-07	0.00013	0.00493	5.77E-03	0.000291	7.16E-07	7.58E-05	6.14E-03	0.005688	0.000251	5.84E-07	8.05E-05	0.00602
2372	495211.06	3860101.99	0.05024	0.05435	0.04488	0.05579	4.55E-03	0.00023	8.4E-07	0.00013	0.00491	5.75E-03	0.00029	7.13E-07	7.54E-05	6.11E-03	0.005665	0.00025	5.83E-07	8.01E-05	0.005995
2373	495261.06	3860101.99	0.05003	0.05415	0.04474	0.0555	4.53E-03	0.00023	8.4E-07	0.00013	0.00489	5.72E-03	0.000289	7.11E-07	7.5E-05	6.09E-03	0.005641	0.000249	5.81E-07	7.97E-05	0.00597
2374	495311.06	3860101.99	0.04983	0.05396	0.04459	0.05526	4.52E-03	0.00023	8.3E-07	0.00013	0.00487	5.70E-03	0.000288	7.09E-07	7.47E-05	6.06E-03	0.005618	0.000248	5.79E-07	7.94E-05	0.005946
2375	495361.06	3860101.99	0.04964	0.05376	0.04444	0.05512	4.50E-03	0.00023	8.3E-07	0.00013	0.00485	5.68E-03	0.000287	7.06E-07	7.45E-05	6.04E-03	0.005597	0.000247	5.77E-07	7.92E-05	0.005924

2376	495411.06	3860101.99	0.04944	0.05356	0.04431	0.05483	4.48E-03	0.00023	8.3E-07	0.00013	0.00483	5.65E-03	0.000286	7.04E-07	7.41E-05	6.02E-03	0.005574	0.000246	5.75E-07	7.87E-05	0.0059
2377	495461.06	3860101.99	0.04922	0.05312	0.04421	0.05436	4.46E-03	0.00022	8.3E-07	0.00013	0.00481	5.63E-03	0.000284	7.03E-07	7.35E-05	5.99E-03	0.00555	0.000244	5.74E-07	7.81E-05	0.005872
2378	495511.06	3860101.99	0.04903	0.05294	0.04406	0.05424	4.44E-03	0.00022	8.2E-07	0.00013	0.00479	5.61E-03	0.000283	7E-07	7.33E-05	5.96E-03	0.005528	0.000243	5.72E-07	7.79E-05	0.00585
2379	495561.06	3860101.99	0.04885	0.05298	0.04391	0.0541	4.43E-03	0.00022	8.2E-07	0.00013	0.00478	5.59E-03	0.000283	6.98E-07	7.31E-05	5.94E-03	0.005508	0.000243	5.7E-07	7.77E-05	0.005829
2380	495611.06	3860101.99	0.04863	0.05252	0.04381	0.05364	4.41E-03	0.00022	8.2E-07	0.00012	0.00475	5.56E-03	0.00028	6.96E-07	7.25E-05	5.92E-03	0.005483	0.000241	5.69E-07	7.7E-05	0.005802
2381	495661.06	3860101.99	0.04844	0.05231	0.04369	0.05338	4.39E-03	0.00022	8.2E-07	0.00012	0.00474	5.54E-03	0.000279	6.94E-07	7.22E-05	5.89E-03	0.005462	0.00024	5.67E-07	7.67E-05	0.005779
2382	494861.06	3860151.99	0.05083	0.05461	0.04506	0.05838	4.61E-03	0.00023	8.4E-07	0.00014	0.00497	5.81E-03	0.000292	7.16E-07	7.89E-05	6.19E-03	0.005731	0.000251	5.85E-07	8.38E-05	0.006066
2383	494911.06	3860151.99	0.05066	0.05458	0.04502	0.0574	4.59E-03	0.00023	8.4E-07	0.00013	0.00496	5.79E-03	0.000291	7.16E-07	7.76E-05	6.16E-03	0.005712	0.000251	5.84E-07	8.24E-05	0.006046
2384	494961.06	3860151.99	0.05047	0.0544	0.04488	0.05706	4.57E-03	0.00023	8.4E-07	0.00013	0.00494	5.77E-03	0.00029	7.13E-07	7.72E-05	6.14E-03	0.00569	0.00025	5.83E-07	8.19E-05	0.006023
2385	495011.06	3860151.99	0.05028	0.05423	0.04474	0.05668	4.56E-03	0.00023	8.4E-07	0.00013	0.00492	5.75E-03	0.00029	7.11E-07	7.66E-05	6.12E-03	0.005669	0.000249	5.81E-07	8.14E-05	0.006
2386	495061.06	3860151.99	0.05007	0.05405	0.0446	0.0563	4.54E-03	0.00023	8.3E-07	0.00013	0.0049	5.73E-03	0.000289	7.09E-07	7.61E-05	6.09E-03	0.005645	0.000248	5.79E-07	8.08E-05	0.005975
2387	495111.06	3860151.99	0.04988	0.05386	0.04445	0.05601	4.52E-03	0.00023	8.3E-07	0.00013	0.00488	5.71E-03	0.000288	7.06E-07	7.57E-05	6.07E-03	0.005624	0.000247	5.77E-07	8.04E-05	0.005952
2388	495161.06	3860151.99	0.04968	0.05367	0.0443	0.05575	4.50E-03	0.00023	8.3E-07	0.00013	0.00486	5.68E-03	0.000287	7.04E-07	7.54E-05	6.04E-03	0.005601	0.000246	5.75E-07	8.01E-05	0.005929
2389	495211.06	3860151.99	0.04949	0.05348	0.04416	0.05544	4.48E-03	0.00023	8.3E-07	0.00013	0.00484	5.66E-03	0.000286	7.02E-07	7.5E-05	6.02E-03	0.00558	0.000246	5.73E-07	7.96E-05	0.005906
2390	495261.06	3860151.99	0.04929	0.05328	0.04402	0.05521	4.47E-03	0.00023	8.2E-07	0.00013	0.00482	5.64E-03	0.000284	7E-07	7.46E-05	6.00E-03	0.005557	0.000245	5.71E-07	7.93E-05	0.005882
2391	495311.06	3860151.99	0.04909	0.05309	0.04387	0.05497	4.45E-03	0.00022	8.2E-07	0.00013	0.0048	5.61E-03	0.000283	6.97E-07	7.43E-05	5.97E-03	0.005535	0.000244	5.69E-07	7.89E-05	0.005858
2392	495361.06	3860151.99	0.0489	0.0529	0.04373	0.05476	4.43E-03	0.00022	8.2E-07	0.00013	0.00478	5.59E-03	0.000282	6.95E-07	7.4E-05	5.95E-03	0.005513	0.000243	5.68E-07	7.86E-05	0.005836
2393	495411.06	3860151.99	0.04871	0.05271	0.04359	0.05448	4.41E-03	0.00022	8.2E-07	0.00013	0.00476	5.57E-03	0.000281	6.93E-07	7.37E-05	5.93E-03	0.005492	0.000242	5.66E-07	7.82E-05	0.005813
2394	495461.06	3860151.99	0.04852	0.05252	0.04346	0.05423	4.40E-03	0.00022	8.1E-07	0.00013	0.00475	5.55E-03	0.00028	6.91E-07	7.33E-05	5.90E-03	0.005471	0.000241	5.64E-07	7.79E-05	0.00579
2395	495511.06	3860151.99	0.04832	0.05234	0.04333	0.0539	4.38E-03	0.00022	8.1E-07	0.00012	0.00473	5.53E-03	0.000279	6.89E-07	7.29E-05	5.88E-03	0.005448	0.00024	5.62E-07	7.74E-05	0.005766
2396	495561.06	3860151.99	0.04813	0.05215	0.04319	0.0537	4.36E-03	0.00022	8.1E-07	0.00012	0.00471	5.51E-03	0.000278	6.86E-07	7.26E-05	5.86E-03	0.005427	0.000239	5.61E-07	7.71E-05	0.005744
2397	495611.06	3860151.99	0.04794	0.05196	0.04307	0.05338	4.34E-03	0.00022	8.1E-07	0.00012	0.00469	5.48E-03	0.000277	6.85E-07	7.22E-05	5.83E-03	0.005405	0.000239	5.59E-07	7.67E-05	0.005721
2398	495661.06	3860151.99	0.04774	0.05177	0.04296	0.05303	4.33E-03	0.00022	8E-07	0.00012	0.00467	5.46E-03	0.000276	6.83E-07	7.17E-05	5.81E-03	0.005383	0.000238	5.58E-07	7.62E-05	0.005697
2399	495718.25	3859442.96	0.05278	0.05871	0.05001	0.05086	4.78E-03	0.00025	9.4E-07	0.00012	0.00515	6.04E-03	0.000313	7.95E-07	6.88E-05	6.42E-03	0.005951	0.00027	6.49E-07	7.3E-05	0.006294
2400	495818.25	3859442.96	0.05191	0.05785	0.04933	0.04989	4.70E-03	0.00024	9.2E-07	0.00012	0.00507	5.94E-03	0.000309	7.84E-07	6.75E-05	6.31E-03	0.005853	0.000266	6.4E-07	7.16E-05	0.006191
2401	495918.25	3859442.96	0.05126	0.05723	0.04883	0.04927	4.65E-03	0.00024	9.1E-07	0.00011	0.005	5.86E-03	0.000306	7.76E-07	6.66E-05	6.24E-03	0.00578	0.000263	6.34E-07	7.08E-05	0.006114
2402	496018.25	3859442.96	0.05071	0.05671	0.04842	0.04877	4.60E-03	0.00024	9.1E-07	0.00011	0.00495	5.80E-03	0.000303	7.7E-07	6.59E-05	6.17E-03	0.005718	0.00026	6.29E-07	7E-05	0.006049
2403	496118.25	3859442.96	0.05089	0.05701	0.0486	0.04936	4.61E-03	0.00024	9.1E-07	0.00011	0.00497	5.82E-03	0.000304	7.72E-07	6.67E-05	6.19E-03	0.005738	0.000262	6.31E-07	7.09E-05	0.006071
2404	496218.25	3859442.96	0.05095	0.05715	0.04868	0.04979	4.62E-03	0.00024	9.1E-07	0.00012	0.00498	5.83E-03	0.000305	7.74E-07	6.73E-05	6.20E-03	0.005745	0.000262	6.32E-07	7.15E-05	0.006079
2405	496318.25	3859442.96	0.05047	0.05669	0.04833	0.04937	4.57E-03	0.00024	9E-07	0.00011	0.00493	5.77E-03	0.000303	7.68E-07	6.68E-05	6.14E-03	0.00569	0.00026	6.27E-07	7.09E-05	0.006022
2406	496418.25	3859442.96	0.04996	0.05617	0.04795	0.04889	4.53E-03	0.00024	9E-07	0.00011	0.00488	5.71E-03	0.0003	7.62E-07	6.61E-05	6.08E-03	0.005633	0.000258	6.22E-07	7.02E-05	0.005962
2407	495718.25	3859542.96	0.05287	0.05816	0.04971	0.05182	4.79E-03	0.00025	9.3E-07	0.00012	0.00516	6.05E-03	0.000311	7.9E-07	7.01E-05	6.43E-03	0.005961	0.000267	6.45E-07	7.44E-05	0.006303
2408	495818.25	3859542.96	0.05225	0.05759	0.04923	0.05117	4.74E-03	0.00024	9.2E-07	0.00012	0.0051	5.98E-03	0.000308	7.82E-07	6.92E-05	6.35E-03	0.005891	0.000264	6.39E-07	7.35E-05	0.00623
2409	495918.25	3859542.96	0.05151	0.05689	0.04865	0.0503	4.67E-03	0.00024	9.1E-07	0.00012	0.00503	5.89E-03	0.000304	7.73E-07	6.8E-05	6.26E-03	0.005808	0.000261	6.31E-07	7.22E-05	0.006142
2410	496018.25	3859542.96	0.05087	0.0563	0.04815	0.04961	4.61E-03	0.00024	9E-07	0.00011	0.00496	5.82E-03	0.000301	7.65E-07	6.71E-05	6.19E-03	0.005736	0.000259	6.25E-07	7.12E-05	0.006066
2411	496118.25	3859542.96	0.05095	0.05649	0.04821	0.05017	4.62E-03	0.00024	9E-07	0.00012	0.00497	5.83E-03	0.000302	7.66E-07	6.78E-05	6.20E-03	0.005745	0.000259	6.26E-07	7.2E-05	0.006077
2412	496218.25	3859542.96	0.05082	0.05646	0.04812	0.05038	4.61E-03	0.00024	9E-07	0.00012	0.00496	5.81E-03	0.000301	7.65E-07	6.81E-05	6.18E-03	0.00573	0.000259	6.25E-07	7.23E-05	0.006062
2413	496318.25	3859542.96	0.05057	0.05627	0.04793	0.05037	4.58E-03	0.00024	9E-07	0.00012	0.00494	5.78E-03	0.0003	7.62E-07	6.81E-05	6.15E-03	0.005702	0.000258	6.22E-07	7.23E-05	0.006033
2414	496418.25	3859542.96	0.04993	0.05567	0.04745	0.04962	4.52E-03	0.00024	8.9E-07	0.00011	0.00488	5.71E-03	0.000297	7.54E-07	6.71E-05	6.08E-03	0.00563	0.000256	6.16E-07	7.13E-05	0.005957
2415	495718.25	3859642.96	0.05251	0.05716	0.04906	0.05236	4.76E-03	0.00024	9.2E-07	0.00012	0.00512	6.01E-03	0.000305	7.8E-07	7.08E-05	6.38E-03	0.00592	0.000262	6.37E-07	7.52E-05	0.006259
2416	495818.25	3859642.96	0.05185	0.05655	0.04855	0.05154	4.70E-03	0.00024	9.1E-07	0.00012	0.00506	5.93E-03	0.000302	7.72E-07	6.97E-05	6.30E-03	0.005846	0.00026	6.3E-07	7.4E-05	0.00618
2417	495918.25	3859642.96	0.05138	0.05613	0.04817	0.05111	4.66E-03	0.00024	9E-07	0.00012	0.00501	5.88E-03	0.0003	7.66E-07	6.91E-05	6.25E-03	0.005793	0.000258	6.25E-07	7.34E-05	0.006125
2418	496018.25	3859642.96	0.05078	0.05558	0.0477	0.05041	4.60E-03	0.00024	8.9E-07	0.00012	0.00495	5.81E-03	0.000297	7.58E-07	6.82E-05	6.17E-03	0.005725	0.000255	6.19E-07	7.24E-05	0.006054
2419	496118.25	3859642.96	0.05087	0.05576	0.04771	0.05111	4.61E-03	0.00024	8.9E-07	0.00012	0.00497	5.82E-03	0.000298	7.58E-07	6.91E-05	6.19E-03	0.005736	0.000256	6.19E-07	7.34E-05	0.006066
2420	496218.25	3859642.96	0.05076	0.05573	0.04758	0.05143	4.60E-03	0.00024	8.9E-07	0.00012	0.00496	5.81E-03	0.000298	7.56E-07	6.95E-05	6.17E-03	0.005723	0.000256	6.18E-07	7.39E-05	0.006054
2421	496318.25	3859642.96	0.05025	0.05529	0.0472	0.0509	4.55E-03	0.00023	8.8E-07	0.00012	0.00491	5.75E-03	0.000295	7.5E-07	6.88E-05	6.11E-03	0.005666	0.000254	6.13E-07	7.31E-05	0.005993
2422	496418.25	3859642.96	0.04877	0.05381	0.04614	0.04841	4.42E-03	0.00023	8.6E-07	0.00011	0.00476	5.58E-03	0.000287	7.33E-07	6.55E-05	5.93E-03	0.005499	0.000247	5.99E-07	6.95E-05	0.005816
2423	495718.25	3859742.96	0.05213	0.05631	0.04832	0.05331	4.72E-03	0.00024	9E-07	0.00012	0.00509	5.96E-03	0.000301	7.68E-07	7.21E-05	6.34E-03	0.005878	0.000259	6.27E-07	7.66E-05	0.006213
2424	495818.25	3859742.96	0.05145	0.05565	0.04784	0.0523	4.66E-03	0.00024	9E-07	0.00012	0.00502	5.88E-03	0.000297	7.6E-07	7.07E-05	6.25E-03	0.005801	0.000256	6.21E-07	7.51E-05	0.006132
2425	495918.25	3859742.96	0.05091	0.05514	0.04743	0.05165	4.61E-03	0.00023	8.9E-07	0.00012	0.00497	5.82E-03	0.000294	7.54E-07	6.98E-05	6.19E-03	0.00574	0.000253	6.16E-07	7.42E-05	0.006068
2426	496018.25	3859742.96	0.05034	0.05459	0.04699	0.05091	4.56E-03	0.00023	8.8E-07	0.00012	0.00491	5.76E-03	0.000291	7.47E-07	6.88E-05	6.12E-03	0.005676	0.000251	6.1E-07	7.31E-05	0.006
2427	496118.25	3859742.96	0.05028	0.05458	0.04686	0.05139	4.56E-03	0.00023	8.8E-07	0.00012	0.00491	5.75E-03	0.000291	7.45E-07	6.95E-05	6.11E-03	0.005669	0.000251	6.08E-07	7.38E-05	0.005994
2428	496218.25	3859742.96	0.05029	0.05464	0.04675	0.05209	4.56E-03	0.00023	8.8E-07	0.00012	0.00491	5.75E-03	0.000292	7.43E-07	7.04E-05	6.12E-03	0.00567	0.000251	6.07E-07	7.48E-05	0.005997
2429	496318.25	3859742.96	0.04921	0.05359	0.04604	0.05004	4.46E-03	0.00023	8.6E-07	0.00012	0.0048	5.63E-03	0.000286	7.32E-07	6.77E-05	5.98E-03	0.005548	0.000246	5.98E-07	7.19E-05	0.005867
2430	496418.25	3859742.96	0.04815	0.05259	0.04533	0.04825	4.36E-03	0.00022	8.5E-07	0.00011	0.0047	5.51E-03	0.000281	7.2E-07	6.52E-05	5.85E-03	0.005429	0.000242	5.88E-07	6.93E-05	0.00574
2431	495718.25	3859842.96	0.05132	0.05521	0.04724	0.05362	4.65E-03	0.00023	8.8E-07	0.00012	0.00501	5.87E-03	0.000295	7.51E-07	7.25E-05	6.24E-03	0.005786	0.000254	6.13E-07	7.7E-05	0.006117
2432	495818.25	3859842.96	0.05081	0.05469	0.04688	0.05295	4.60E-03	0.00023	8.8E-07	0.00012	0.00496	5.81E-03	0.000292	7.45E-07	7.16E-05	6.18E-03	0.005729	0.000251	6.09E-07	7.6E-05	0.006057
2433	495918.25	3859842.96	0.0503	0.05416	0.04652	0.05225	4.56E-03	0.00023	8.7E-07	0.00012	0.00491	5.75E-03	0.000289	7.39E-07	7.06E-05	6.11E-03	0.005671	0.000249	6.04E-07	7.5E-05	0.005996
2434	496018.25	3859842.96	0.04992	0.05379	0.0462	0.05194	4.52E-03	0.00023	8.6E-07	0.00012	0.00487	5.71E-03	0.000287	7.34E-07	7.02E-05	6.07E-03	0.005628	0.000247	6E-07	7.46E-05	0.005951
2435	496118.25	3859842.96	0.04989	0.05381	0.04601	0.05274	4.52E-03	0.00023	8.6E-07	0.00012	0.00487	5.71E-03	0.000287	7.31E-07	7.13E-05	6.07E-03	0.005625	0.000247	5.97E-07	7.57E-05	0.005949
2436	496218.25	3859842.96	0.04904	0.05292	0.04552	0.05092	4.44E-03	0.00022	8.5E-07	0.00012	0.00479	5.61E-03	0.000283	7.23E-07	6.88E-05	5.96E-03	0.005529	0.000243	5.91E-07	7.31E-05	0.005846

2437	496318.25	3859842.96	0.04728	0.05115	0.04442	0.04721	4.28E-03	0.00022	8.3E-07	0.00011	0.00461	5.41E-03	0.000273	7.06E-07	6.38E-05	5.75E-03	0.005331	0.000235	5.77E-07	6.78E-05	0.005634
2438	496418.25	3859842.96	0.04591	0.04974	0.04342	0.04491	4.16E-03	0.00021	8.1E-07	0.0001	0.00448	5.25E-03	0.000266	6.9E-07	6.07E-05	5.58E-03	0.005176	0.000228	5.64E-07	6.45E-05	0.00547
2439	495718.25	3859942.96	0.05026	0.05401	0.04595	0.05355	4.55E-03	0.00023	8.6E-07	0.00012	0.00491	5.75E-03	0.000288	7.3E-07	7.24E-05	6.11E-03	0.005667	0.000248	5.96E-07	7.69E-05	0.005992
2440	495818.25	3859942.96	0.04978	0.05349	0.04565	0.05283	4.51E-03	0.00023	8.5E-07	0.00012	0.00486	5.69E-03	0.000286	7.26E-07	7.14E-05	6.05E-03	0.005613	0.000246	5.93E-07	7.59E-05	0.005935
2441	495918.25	3859942.96	0.04938	0.05306	0.04534	0.05241	4.47E-03	0.00022	8.5E-07	0.00012	0.00482	5.65E-03	0.000283	7.21E-07	7.09E-05	6.00E-03	0.005568	0.000244	5.89E-07	7.53E-05	0.005887
2442	496018.25	3859942.96	0.04916	0.05284	0.04505	0.0527	4.45E-03	0.00022	8.4E-07	0.00012	0.0048	5.62E-03	0.000282	7.16E-07	7.13E-05	5.98E-03	0.005543	0.000243	5.85E-07	7.57E-05	0.005862
2443	496118.25	3859942.96	0.04854	0.05218	0.04474	0.0514	4.40E-03	0.00022	8.4E-07	0.00012	0.00474	5.55E-03	0.000279	7.11E-07	6.95E-05	5.90E-03	0.005473	0.00024	5.81E-07	7.38E-05	0.005787
2444	496218.25	3859942.96	0.04757	0.05118	0.04424	0.04914	4.31E-03	0.00022	8.3E-07	0.00011	0.00464	5.44E-03	0.000273	7.03E-07	6.64E-05	5.78E-03	0.005364	0.000235	5.74E-07	7.06E-05	0.00567
2445	496318.25	3859942.96	0.04643	0.05001	0.04353	0.04678	4.21E-03	0.00021	8.1E-07	0.00011	0.00453	5.31E-03	0.000267	6.92E-07	6.33E-05	5.64E-03	0.005235	0.00023	5.65E-07	6.72E-05	0.005532
2446	496418.25	3859942.96	0.04471	0.04823	0.04234	0.0436	4.05E-03	0.0002	7.9E-07	0.0001	0.00436	5.11E-03	0.000258	6.73E-07	5.9E-05	5.43E-03	0.005041	0.000221	5.5E-07	6.26E-05	0.005326
2447	496856.82	3858864.83	0.04448	0.04888	0.04445	0.04162	4.03E-03	0.00021	8.3E-07	9.6E-05	0.00433	5.09E-03	0.000261	7.06E-07	5.63E-05	5.41E-03	0.005015	0.000224	5.77E-07	5.98E-05	0.0053
2448	496956.82	3858864.83	0.04383	0.04806	0.04386	0.04104	3.97E-03	0.0002	8.2E-07	9.5E-05	0.00427	5.01E-03	0.000257	6.97E-07	5.55E-05	5.33E-03	0.004942	0.000221	5.69E-07	5.89E-05	0.005222
2449	497056.82	3858864.83	0.04322	0.04728	0.0433	0.04048	3.92E-03	0.0002	8.1E-07	9.4E-05	0.00421	4.94E-03	0.000252	6.88E-07	5.47E-05	5.25E-03	0.004873	0.000217	5.62E-07	5.81E-05	0.005149
2450	497156.82	3858864.83	0.04243	0.0463	0.04256	0.03977	3.85E-03	0.0002	8E-07	9.2E-05	0.00413	4.85E-03	0.000247	6.76E-07	5.38E-05	5.15E-03	0.004784	0.000213	5.52E-07	5.71E-05	0.005054
2451	497256.82	3858864.83	0.04221	0.04596	0.04239	0.03957	3.83E-03	0.00019	7.9E-07	9.2E-05	0.00411	4.83E-03	0.000245	6.74E-07	5.35E-05	5.13E-03	0.004759	0.000211	5.5E-07	5.68E-05	0.005028
2452	496856.82	3858964.83	0.04536	0.05024	0.04517	0.04245	4.11E-03	0.00021	8.5E-07	9.8E-05	0.00442	5.19E-03	0.000268	7.18E-07	5.74E-05	5.51E-03	0.005114	0.000231	5.86E-07	6.1E-05	0.005407
2453	496956.82	3858964.83	0.04443	0.04911	0.0443	0.04158	4.03E-03	0.00021	8.3E-07	9.6E-05	0.00433	5.08E-03	0.000262	7.04E-07	5.62E-05	5.40E-03	0.005009	0.000226	5.75E-07	5.97E-05	0.005295
2454	497056.82	3858964.83	0.04374	0.04825	0.04366	0.04094	3.96E-03	0.0002	8.2E-07	9.5E-05	0.00426	5.00E-03	0.000258	6.94E-07	5.54E-05	5.32E-03	0.004932	0.000222	5.67E-07	5.88E-05	0.005213
2455	497156.82	3858964.83	0.04304	0.04738	0.04301	0.04026	3.90E-03	0.0002	8.1E-07	9.3E-05	0.00419	4.92E-03	0.000253	6.84E-07	5.44E-05	5.23E-03	0.004853	0.000218	5.58E-07	5.78E-05	0.005129
2456	497256.82	3858964.83	0.04339	0.04772	0.04341	0.04066	3.93E-03	0.0002	8.1E-07	9.4E-05	0.00423	4.96E-03	0.000255	6.9E-07	5.5E-05	5.27E-03	0.004892	0.000219	5.63E-07	5.84E-05	0.00517
2457	496856.82	3859064.83	0.04555	0.05067	0.04519	0.04269	4.13E-03	0.00021	8.5E-07	9.9E-05	0.00444	5.21E-03	0.000271	7.18E-07	5.77E-05	5.54E-03	0.005136	0.000233	5.87E-07	6.13E-05	0.00543
2458	496956.82	3859064.83	0.04482	0.04977	0.04452	0.04198	4.06E-03	0.00021	8.3E-07	9.7E-05	0.00437	5.13E-03	0.000266	7.08E-07	5.68E-05	5.45E-03	0.005053	0.000229	5.78E-07	6.03E-05	0.005343
2459	497056.82	3859064.83	0.04422	0.04904	0.04398	0.04142	4.01E-03	0.00021	8.2E-07	9.6E-05	0.00431	5.06E-03	0.000262	6.99E-07	5.6E-05	5.38E-03	0.004986	0.000225	5.71E-07	5.95E-05	0.005271
2460	497156.82	3859064.83	0.04372	0.04841	0.04352	0.04095	3.96E-03	0.0002	8.1E-07	9.5E-05	0.00426	5.00E-03	0.000258	6.92E-07	5.54E-05	5.32E-03	0.004929	0.000222	5.65E-07	5.88E-05	0.005211
2461	497256.82	3859064.83	0.0444	0.04916	0.04423	0.04171	4.02E-03	0.00021	8.3E-07	9.7E-05	0.00433	5.08E-03	0.000262	7.03E-07	5.64E-05	5.40E-03	0.005006	0.000226	5.74E-07	5.99E-05	0.005292
2462	496856.82	3859164.83	0.04524	0.05049	0.04473	0.04247	4.10E-03	0.00021	8.4E-07	9.8E-05	0.00441	5.17E-03	0.00027	7.11E-07	5.74E-05	5.50E-03	0.005101	0.000232	5.81E-07	6.1E-05	0.005394
2463	496956.82	3859164.83	0.04446	0.04955	0.04402	0.04171	4.03E-03	0.00021	8.2E-07	9.7E-05	0.00434	5.09E-03	0.000265	7E-07	5.64E-05	5.41E-03	0.005013	0.000228	5.71E-07	5.99E-05	0.005301
2464	497056.82	3859164.83	0.04417	0.04916	0.04377	0.04145	4.00E-03	0.00021	8.2E-07	9.6E-05	0.00431	5.05E-03	0.000262	6.96E-07	5.6E-05	5.37E-03	0.00498	0.000226	5.68E-07	5.95E-05	0.005266
2465	497156.82	3859164.83	0.0444	0.04938	0.04403	0.04175	4.02E-03	0.00021	8.2E-07	9.7E-05	0.00433	5.08E-03	0.000264	7E-07	5.65E-05	5.40E-03	0.005006	0.000227	5.72E-07	6E-05	0.005293
2466	497256.82	3859164.83	0.04525	0.05032	0.04486	0.04279	4.10E-03	0.00021	8.4E-07	9.9E-05	0.00441	5.18E-03	0.000269	7.13E-07	5.79E-05	5.50E-03	0.005102	0.000231	5.82E-07	6.14E-05	0.005395
2467	496856.82	3859264.83	0.0446	0.04997	0.04394	0.04193	4.04E-03	0.00021	8.2E-07	9.7E-05	0.00435	5.10E-03	0.000267	6.98E-07	5.67E-05	5.43E-03	0.005029	0.000229	5.7E-07	6.02E-05	0.005319
2468	496956.82	3859264.83	0.04449	0.04979	0.04388	0.04189	4.03E-03	0.00021	8.2E-07	9.7E-05	0.00434	5.09E-03	0.000266	6.97E-07	5.66E-05	5.41E-03	0.005016	0.000229	5.7E-07	6.02E-05	0.005306
2469	497056.82	3859264.83	0.04477	0.05006	0.04417	0.04228	4.06E-03	0.00021	8.3E-07	9.8E-05	0.00437	5.12E-03	0.000267	7.02E-07	5.72E-05	5.45E-03	0.005048	0.00023	5.73E-07	6.07E-05	0.005339
2470	497156.82	3859264.83	0.04495	0.05022	0.04437	0.04264	4.07E-03	0.00021	8.3E-07	9.9E-05	0.00439	5.14E-03	0.000268	7.05E-07	5.77E-05	5.47E-03	0.005068	0.000231	5.76E-07	6.12E-05	0.005361
2471	497256.82	3859264.83	0.04558	0.05088	0.04497	0.04353	4.13E-03	0.00022	8.4E-07	0.0001	0.00445	5.21E-03	0.000272	7.15E-07	5.89E-05	5.54E-03	0.005139	0.000234	5.84E-07	6.25E-05	0.005436
2472	497088.92	3858620.93	0.04072	0.04332	0.04122	0.03863	3.69E-03	0.00018	7.7E-07	8.9E-05	0.00396	4.66E-03	0.000231	6.55E-07	5.22E-05	4.94E-03	0.004591	0.000199	5.35E-07	5.55E-05	0.004846
2473	497138.92	3858620.93	0.04066	0.04323	0.04119	0.03856	3.68E-03	0.00018	7.7E-07	8.9E-05	0.00396	4.65E-03	0.000231	6.55E-07	5.21E-05	4.93E-03	0.004584	0.000199	5.35E-07	5.54E-05	0.004839
2474	497188.92	3858620.93	0.04033	0.04282	0.04071	0.03823	3.65E-03	0.00018	7.6E-07	8.9E-05	0.00393	4.61E-03	0.000229	6.47E-07	5.17E-05	4.89E-03	0.004547	0.000197	5.28E-07	5.49E-05	0.004799
2475	497238.92	3858620.93	0.04013	0.04257	0.04053	0.03804	3.64E-03	0.00018	7.6E-07	8.8E-05	0.00391	4.59E-03	0.000227	6.44E-07	5.14E-05	4.87E-03	0.004525	0.000195	5.26E-07	5.46E-05	0.004775
2476	497088.92	3858670.93	0.0407	0.04348	0.04099	0.03851	3.69E-03	0.00018	7.7E-07	8.9E-05	0.00396	4.66E-03	0.000232	6.51E-07	5.21E-05	4.94E-03	0.004589	0.0002	5.32E-07	5.53E-05	0.004844
2477	497138.92	3858670.93	0.04087	0.04362	0.04119	0.03863	3.70E-03	0.00018	7.7E-07	8.9E-05	0.00398	4.67E-03	0.000233	6.55E-07	5.22E-05	4.96E-03	0.004608	0.0002	5.35E-07	5.55E-05	0.004864
2478	497188.92	3858670.93	0.04051	0.04319	0.04085	0.03832	3.67E-03	0.00018	7.6E-07	8.9E-05	0.00394	4.63E-03	0.000231	6.49E-07	5.18E-05	4.92E-03	0.004567	0.000198	5.3E-07	5.5E-05	0.004821
2479	497238.92	3858670.93	0.04044	0.04308	0.04081	0.03824	3.66E-03	0.00018	7.6E-07	8.9E-05	0.00394	4.63E-03	0.00023	6.49E-07	5.17E-05	4.91E-03	0.00456	0.000198	5.3E-07	5.49E-05	0.004813
2480	497088.92	3858720.93	0.04156	0.04467	0.04182	0.03916	3.77E-03	0.00019	7.8E-07	9.1E-05	0.00405	4.75E-03	0.000239	6.65E-07	5.29E-05	5.05E-03	0.004686	0.000205	5.43E-07	5.62E-05	0.004948
2481	497138.92	3858720.93	0.04058	0.04352	0.04084	0.03831	3.68E-03	0.00018	7.6E-07	8.9E-05	0.00395	4.64E-03	0.000232	6.49E-07	5.18E-05	4.93E-03	0.004575	0.0002	5.3E-07	5.5E-05	0.004831
2482	497188.92	3858720.93	0.04036	0.04323	0.04065	0.03811	3.66E-03	0.00018	7.6E-07	8.8E-05	0.00393	4.62E-03	0.000231	6.46E-07	5.15E-05	4.90E-03	0.004551	0.000199	5.28E-07	5.47E-05	0.004804
2483	497238.92	3858720.93	0.04086	0.04378	0.04119	0.03853	3.70E-03	0.00019	7.7E-07	8.9E-05	0.00398	4.67E-03	0.000234	6.55E-07	5.21E-05	4.96E-03	0.004607	0.000201	5.35E-07	5.53E-05	0.004864
2484	497088.92	3858770.93	0.04175	0.04514	0.04196	0.03927	3.78E-03	0.00019	7.9E-07	9.1E-05	0.00407	4.78E-03	0.000241	6.67E-07	5.31E-05	5.07E-03	0.004707	0.000207	5.45E-07	5.64E-05	0.004972
2485	497138.92	3858770.93	0.04134	0.04463	0.04156	0.0389	3.75E-03	0.00019	7.8E-07	9E-05	0.00403	4.73E-03	0.000238	6.61E-07	5.26E-05	5.02E-03	0.004661	0.000205	5.39E-07	5.59E-05	0.004922
2486	497188.92	3858770.93	0.04107	0.0443	0.04144	0.03865	3.72E-03	0.00019	7.8E-07	9E-05	0.004	4.70E-03	0.000237	6.59E-07	5.23E-05	4.99E-03	0.004631	0.000203	5.38E-07	5.55E-05	0.00489
2487	497238.92	3858770.93	0.04129	0.04449	0.04158	0.03884	3.74E-03	0.00019	7.8E-07	9E-05	0.00402	4.72E-03	0.000238	6.61E-07	5.25E-05	5.01E-03	0.004655	0.000204	5.4E-07	5.58E-05	0.004916
2488	497396.65	3858622.63	0.04168	0.04421	0.04222	0.03933	3.78E-03	0.00019	7.9E-07	9.1E-05	0.00406	4.77E-03	0.000236	6.71E-07	5.32E-05	5.06E-03	0.004699	0.000203	5.48E-07	5.65E-05	0.004959
2489	497496.65	3858622.63	0.04252	0.04508	0.04313	0.04006	3.85E-03	0.00019	8.1E-07	9.3E-05	0.00414	4.86E-03	0.000241	6.85E-07	5.42E-05	5.16E-03	0.004794	0.000207	5.6E-07	5.75E-05	0.005059
2490	497596.65	3858622.63	0.04411	0.04683	0.04486	0.0415	4.00E-03	0.0002	8.4E-07	9.6E-05	0.00429	5.05E-03	0.00025	7.13E-07	5.61E-05	5.35E-03	0.004973	0.000215	5.82E-07	5.96E-05	0.005249
2491	497696.65	3858622.63	0.04448	0.04719	0.0452	0.04191	4.03E-03	0.0002	8.5E-07	9.7E-05	0.00433	5.09E-03	0.000252	7.18E-07	5.67E-05	5.40E-03	0.005015	0.000217	5.87E-07	6.02E-05	0.005293
2492	497796.65	3858622.63	0.04538	0.04817	0.04613	0.04286	4.11E-03	0.0002	8.6E-07	9.9E-05	0.00442	5.19E-03	0.000257	7.33E-07	5.8E-05	5.51E-03	0.005117	0.000221	5.99E-07	6.15E-05	0.0054
2493	497896.65	3858622.63	0.04626	0.04914	0.04702	0.04382	4.19E-03	0.00021	8.8E-07	0.0001	0.0045	5.29E-03	0.000262	7.47E-07	5.92E-05	5.61E-03	0.005216	0.000226	6.1E-07	6.29E-05	0.005505
2494	497396.65	3858722.63	0.04267	0.04568	0.04314	0.04014	3.87E-03	0.00019	8.1E-07	9.3E-05	0.00415	4.88E-03	0.000244	6.86E-07	5.43E-05	5.18E-03	0.004811	0.00021	5.6E-07	5.76E-05	0.005079
2495	497496.65	3858722.63	0.04349	0.04653	0.04402	0.0409	3.94E-03	0.0002	8.2E-07	9.5E-05	0.00423	4.97E-03	0.000248	7E-07	5.53E-05	5.28E-03	0.004903	0.000214	5.71E-07	5.87E-05	0.005176
2496	497596.65	3858722.63	0.04491	0.04806	0.04549	0.04234	4.07E-03	0.0002	8.5E-07	9.8E-05	0.00437	5.14E-03	0.000257	7.23E-07	5.72E-05	5.45E-03	0.005064	0.000221	5.9E-07	6.08E-05	0.005346
2497	497696.65	3858722.63	0.04564	0.04883	0.04626	0.04314	4.14E-03	0.00021	8.7E-07	1E-04	0.00444	5.22E-03	0.000261	7.35E-07	5.83E-05	5.54E-03	0.005146	0.000224	6E-07	6.2E-05	0.005433

2498	497796.65	3858722.63	0.04597	0.04914	0.04661	0.04355	4.17E-03	0.00021	8.7E-07	0.0001	0.00448	5.26E-03	0.000262	7.41E-07	5.89E-05	5.58E-03	0.005183	0.000226	6.05E-07	6.25E-05	0.005472
2499	497896.65	3858722.63	0.04651	0.04971	0.04716	0.04423	4.21E-03	0.00021	8.8E-07	0.0001	0.00453	5.32E-03	0.000265	7.5E-07	5.98E-05	5.65E-03	0.005244	0.000228	6.12E-07	6.35E-05	0.005536
2500	497396.65	3858822.63	0.04319	0.04676	0.04352	0.04054	3.91E-03	0.0002	8.1E-07	9.4E-05	0.00421	4.94E-03	0.00025	6.92E-07	5.48E-05	5.25E-03	0.00487	0.000215	5.65E-07	5.82E-05	0.005143
2501	497496.65	3858822.63	0.04386	0.04744	0.04424	0.04124	3.97E-03	0.0002	8.3E-07	9.6E-05	0.00427	5.02E-03	0.000253	7.03E-07	5.58E-05	5.33E-03	0.004945	0.000218	5.74E-07	5.92E-05	0.005223
2502	497596.65	3858822.63	0.0455	0.04926	0.04602	0.04297	4.12E-03	0.00021	8.6E-07	1E-04	0.00443	5.20E-03	0.000263	7.31E-07	5.81E-05	5.53E-03	0.00513	0.000226	5.97E-07	6.17E-05	0.005419
2503	497696.65	3858822.63	0.04595	0.04967	0.0464	0.04354	4.16E-03	0.00021	8.7E-07	0.0001	0.00448	5.26E-03	0.000265	7.37E-07	5.89E-05	5.58E-03	0.005181	0.000228	6.02E-07	6.25E-05	0.005472
2504	497796.65	3858822.63	0.04629	0.04999	0.04681	0.04397	4.19E-03	0.00021	8.8E-07	0.0001	0.00451	5.29E-03	0.000267	7.44E-07	5.95E-05	5.62E-03	0.005219	0.00023	6.08E-07	6.31E-05	0.005513
2505	497896.65	3858822.63	0.0472	0.05094	0.04765	0.04528	4.28E-03	0.00022	8.9E-07	0.0001	0.0046	5.40E-03	0.000272	7.57E-07	6.12E-05	5.73E-03	0.005322	0.000234	6.19E-07	6.5E-05	0.005621
2506	497396.65	3858922.63	0.04376	0.04788	0.04392	0.04108	3.97E-03	0.0002	8.2E-07	9.5E-05	0.00426	5.01E-03	0.000256	6.98E-07	5.55E-05	5.32E-03	0.004934	0.00022	5.7E-07	5.9E-05	0.005213
2507	497496.65	3858922.63	0.04511	0.04937	0.0453	0.04254	4.09E-03	0.00021	8.5E-07	9.9E-05	0.0044	5.16E-03	0.000264	7.2E-07	5.75E-05	5.48E-03	0.005086	0.000227	5.88E-07	6.11E-05	0.005375
2508	497596.65	3858922.63	0.04501	0.04917	0.04524	0.0425	4.08E-03	0.00021	8.5E-07	9.8E-05	0.00439	5.15E-03	0.000263	7.19E-07	5.75E-05	5.47E-03	0.005075	0.000226	5.87E-07	6.1E-05	0.005362
2509	497696.65	3858922.63	0.0465	0.05083	0.0468	0.04435	4.21E-03	0.00022	8.8E-07	0.0001	0.00453	5.32E-03	0.000271	7.44E-07	6E-05	5.65E-03	0.005243	0.000233	6.07E-07	6.37E-05	0.005541
2510	497796.65	3858922.63	0.04714	0.05145	0.04734	0.04529	4.27E-03	0.00022	8.9E-07	0.0001	0.0046	5.39E-03	0.000275	7.52E-07	6.12E-05	5.73E-03	0.005315	0.000236	6.14E-07	6.5E-05	0.005617
2511	497896.65	3858922.63	0.04826	0.05267	0.04844	0.04698	4.37E-03	0.00022	9.1E-07	0.00011	0.00471	5.52E-03	0.000281	7.7E-07	6.35E-05	5.87E-03	0.005441	0.000242	6.29E-07	6.75E-05	0.005751
2512	497364.44	3858201.52	0.03988	0.04251	0.04043	0.03806	3.61E-03	0.00018	7.6E-07	8.8E-05	0.00388	4.56E-03	0.000227	6.43E-07	5.15E-05	4.84E-03	0.004496	0.000195	5.25E-07	5.47E-05	0.004747
2513	497414.44	3858201.52	0.04033	0.04304	0.04107	0.03844	3.65E-03	0.00018	7.7E-07	8.9E-05	0.00393	4.61E-03	0.00023	6.53E-07	5.2E-05	4.90E-03	0.004547	0.000198	5.33E-07	5.52E-05	0.004801
2514	497464.44	3858201.52	0.04071	0.04349	0.04147	0.03871	3.69E-03	0.00018	7.8E-07	9E-05	0.00396	4.66E-03	0.000232	6.59E-07	5.23E-05	4.94E-03	0.00459	0.0002	5.38E-07	5.56E-05	0.004846
2515	497514.44	3858201.52	0.04084	0.04364	0.04145	0.03873	3.70E-03	0.00018	7.8E-07	9E-05	0.00398	4.67E-03	0.000233	6.59E-07	5.24E-05	4.96E-03	0.004605	0.0002	5.38E-07	5.56E-05	0.004861
2516	497564.44	3858201.52	0.04067	0.04348	0.04128	0.03855	3.69E-03	0.00018	7.7E-07	8.9E-05	0.00396	4.65E-03	0.000232	6.56E-07	5.21E-05	4.94E-03	0.004586	0.0002	5.36E-07	5.54E-05	0.004841
2517	497614.44	3858201.52	0.04076	0.0436	0.04138	0.0386	3.69E-03	0.00018	7.7E-07	8.9E-05	0.00397	4.66E-03	0.000233	6.58E-07	5.22E-05	4.95E-03	0.004596	0.0002	5.37E-07	5.54E-05	0.004852
2518	497364.44	3858251.52	0.04054	0.04307	0.04111	0.03857	3.67E-03	0.00018	7.7E-07	8.9E-05	0.00395	4.64E-03	0.00023	6.53E-07	5.22E-05	4.92E-03	0.004571	0.000198	5.34E-07	5.54E-05	0.004825
2519	497414.44	3858251.52	0.04112	0.04374	0.04173	0.03904	3.73E-03	0.00019	7.8E-07	9E-05	0.004	4.70E-03	0.000234	6.63E-07	5.28E-05	4.99E-03	0.004636	0.000201	5.42E-07	5.61E-05	0.004894
2520	497464.44	3858251.52	0.04078	0.04339	0.04139	0.03872	3.70E-03	0.00018	7.7E-07	9E-05	0.00397	4.66E-03	0.000232	6.58E-07	5.24E-05	4.95E-03	0.004598	0.000199	5.37E-07	5.56E-05	0.004853
2521	497514.44	3858251.52	0.04036	0.04295	0.04095	0.03831	3.66E-03	0.00018	7.7E-07	8.9E-05	0.00393	4.62E-03	0.000229	6.51E-07	5.18E-05	4.90E-03	0.004551	0.000197	5.32E-07	5.5E-05	0.004803
2522	497564.44	3858251.52	0.04023	0.04283	0.04083	0.03816	3.65E-03	0.00018	7.6E-07	8.8E-05	0.00392	4.60E-03	0.000229	6.49E-07	5.16E-05	4.88E-03	0.004536	0.000197	5.3E-07	5.48E-05	0.004788
2523	497614.44	3858251.52	0.04011	0.04272	0.04071	0.03802	3.63E-03	0.00018	7.6E-07	8.8E-05	0.0039	4.59E-03	0.000228	6.47E-07	5.14E-05	4.87E-03	0.004522	0.000196	5.28E-07	5.46E-05	0.004774
2524	497364.44	3858301.52	0.04066	0.04308	0.04125	0.03863	3.68E-03	0.00018	7.7E-07	8.9E-05	0.00396	4.65E-03	0.00023	6.56E-07	5.22E-05	4.93E-03	0.004584	0.000198	5.35E-07	5.55E-05	0.004838
2525	497414.44	3858301.52	0.04099	0.04346	0.04159	0.03894	3.71E-03	0.00018	7.8E-07	9E-05	0.00399	4.69E-03	0.000232	6.61E-07	5.27E-05	4.97E-03	0.004622	0.0002	5.4E-07	5.59E-05	0.004878
2526	497464.44	3858301.52	0.04055	0.04299	0.04114	0.03851	3.67E-03	0.00018	7.7E-07	8.9E-05	0.00395	4.64E-03	0.00023	6.54E-07	5.21E-05	4.92E-03	0.004572	0.000197	5.34E-07	5.53E-05	0.004825
2527	497514.44	3858301.52	0.04026	0.04269	0.04085	0.03823	3.65E-03	0.00018	7.6E-07	8.9E-05	0.00392	4.60E-03	0.000228	6.49E-07	5.17E-05	4.89E-03	0.004539	0.000196	5.3E-07	5.49E-05	0.004791
2528	497564.44	3858301.52	0.03981	0.04222	0.0404	0.03779	3.61E-03	0.00018	7.6E-07	8.8E-05	0.00387	4.55E-03	0.000225	6.42E-07	5.11E-05	4.83E-03	0.004489	0.000194	5.24E-07	5.43E-05	0.004737
2529	497614.44	3858301.52	0.03966	0.04208	0.04025	0.03763	3.59E-03	0.00018	7.5E-07	8.7E-05	0.00386	4.54E-03	0.000225	6.4E-07	5.09E-05	4.81E-03	0.004472	0.000193	5.22E-07	5.4E-05	0.004719
2530	497364.44	3858351.52	0.04085	0.04317	0.04143	0.03883	3.70E-03	0.00018	7.8E-07	9E-05	0.00398	4.67E-03	0.000231	6.58E-07	5.25E-05	4.96E-03	0.004606	0.000198	5.38E-07	5.58E-05	0.00486
2531	497414.44	3858351.52	0.04057	0.04288	0.04116	0.03856	3.68E-03	0.00018	7.7E-07	8.9E-05	0.00395	4.64E-03	0.000229	6.54E-07	5.21E-05	4.92E-03	0.004574	0.000197	5.34E-07	5.54E-05	0.004827
2532	497464.44	3858351.52	0.04046	0.04278	0.04106	0.03843	3.67E-03	0.00018	7.7E-07	8.9E-05	0.00394	4.63E-03	0.000228	6.53E-07	5.2E-05	4.91E-03	0.004562	0.000196	5.33E-07	5.52E-05	0.004814
2533	497514.44	3858351.52	0.04023	0.04255	0.04083	0.0382	3.65E-03	0.00018	7.6E-07	8.8E-05	0.00391	4.60E-03	0.000227	6.49E-07	5.17E-05	4.88E-03	0.004536	0.000195	5.3E-07	5.49E-05	0.004787
2534	497564.44	3858351.52	0.03967	0.04195	0.04025	0.03768	3.59E-03	0.00018	7.5E-07	8.7E-05	0.00386	4.54E-03	0.000224	6.4E-07	5.09E-05	4.81E-03	0.004473	0.000193	5.22E-07	5.41E-05	0.00472
2535	497614.44	3858351.52	0.03954	0.04183	0.04013	0.03754	3.58E-03	0.00018	7.5E-07	8.7E-05	0.00385	4.52E-03	0.000223	6.38E-07	5.08E-05	4.80E-03	0.004458	0.000192	5.21E-07	5.39E-05	0.004705
2536	497364.44	3858401.52	0.04041	0.04265	0.04113	0.03848	3.66E-03	0.00018	7.7E-07	8.9E-05	0.00393	4.62E-03	0.000228	6.54E-07	5.2E-05	4.90E-03	0.004556	0.000196	5.34E-07	5.53E-05	0.004808
2537	497414.44	3858401.52	0.04036	0.04258	0.04093	0.03835	3.66E-03	0.00018	7.7E-07	8.9E-05	0.00393	4.62E-03	0.000227	6.51E-07	5.19E-05	4.90E-03	0.004551	0.000196	5.31E-07	5.51E-05	0.004802
2538	497464.44	3858401.52	0.04005	0.04225	0.04062	0.03806	3.63E-03	0.00018	7.6E-07	8.8E-05	0.0039	4.58E-03	0.000226	6.46E-07	5.15E-05	4.86E-03	0.004516	0.000194	5.27E-07	5.47E-05	0.004765
2539	497514.44	3858401.52	0.03989	0.04209	0.04047	0.03789	3.61E-03	0.00018	7.6E-07	8.8E-05	0.00388	4.56E-03	0.000225	6.43E-07	5.12E-05	4.84E-03	0.004498	0.000193	5.25E-07	5.44E-05	0.004746
2540	497564.44	3858401.52	0.04031	0.04255	0.04092	0.03821	3.65E-03	0.00018	7.7E-07	8.9E-05	0.00392	4.61E-03	0.000227	6.5E-07	5.17E-05	4.89E-03	0.004545	0.000195	5.31E-07	5.49E-05	0.004796
2541	497614.44	3858401.52	0.04072	0.04304	0.04151	0.03857	3.69E-03	0.00018	7.8E-07	8.9E-05	0.00396	4.66E-03	0.00023	6.6E-07	5.22E-05	4.94E-03	0.004591	0.000198	5.39E-07	5.54E-05	0.004845
2542	493478.11	3860497.94	0.0472	0.0501	0.04145	0.05722	4.28E-03	0.00021	7.8E-07	0.00013	0.00462	5.40E-03	0.000268	6.59E-07	7.74E-05	5.74E-03	0.005322	0.00023	5.38E-07	8.22E-05	0.005635
2543	493528.11	3860497.94	0.04715	0.05004	0.04151	0.05719	4.27E-03	0.00021	7.8E-07	0.00013	0.00462	5.39E-03	0.000267	6.6E-07	7.73E-05	5.74E-03	0.005316	0.00023	5.39E-07	8.21E-05	0.005629
2544	493478.11	3860547.94	0.04601	0.04883	0.04034	0.05587	4.17E-03	0.00021	7.6E-07	0.00013	0.00451	5.26E-03	0.000261	6.41E-07	7.55E-05	5.60E-03	0.005188	0.000224	5.24E-07	8.02E-05	0.005493
2545	493528.11	3860547.94	0.04596	0.04877	0.04039	0.05586	4.16E-03	0.00021	7.6E-07	0.00013	0.0045	5.26E-03	0.00026	6.42E-07	7.55E-05	5.59E-03	0.005182	0.000224	5.24E-07	8.02E-05	0.005487
2546	493478.11	3860597.94	0.04487	0.0476	0.03925	0.05451	4.07E-03	0.0002	7.3E-07	0.00013	0.00439	5.13E-03	0.000254	6.24E-07	7.37E-05	5.46E-03	0.005059	0.000219	5.09E-07	7.83E-05	0.005356
2547	493528.11	3860597.94	0.04482	0.04756	0.03932	0.05453	4.06E-03	0.0002	7.4E-07	0.00013	0.00439	5.13E-03	0.000254	6.25E-07	7.37E-05	5.45E-03	0.005053	0.000218	5.1E-07	7.83E-05	0.005351
2548	493561.88	3860524.64	0.04649	0.04934	0.04096	0.05647	4.21E-03	0.00021	7.7E-07	0.00013	0.00455	5.32E-03	0.000263	6.51E-07	7.64E-05	5.66E-03	0.005242	0.000227	5.32E-07	8.11E-05	0.00555
2549	493591.88	3860524.64	0.0465	0.04936	0.04103	0.05645	4.21E-03	0.00021	7.7E-07	0.00013	0.00455	5.32E-03	0.000264	6.52E-07	7.63E-05	5.66E-03	0.005243	0.000227	5.33E-07	8.11E-05	0.005551
2550	493561.88	3860554.64	0.04578	0.04859	0.0403	0.05568	4.15E-03	0.00021	7.5E-07	0.00013	0.00448	5.24E-03	0.000259	6.4E-07	7.53E-05	5.57E-03	0.005162	0.000223	5.23E-07	8E-05	0.005465
2551	493591.88	3860554.64	0.04582	0.04865	0.0404	0.05568	4.15E-03	0.00021	7.6E-07	0.00013	0.00449	5.24E-03	0.00026	6.42E-07	7.53E-05	5.58E-03	0.005166	0.000223	5.24E-07	8E-05	0.00547
2552	492880.5	3860293.11	0.05243	0.0552	0.04468	0.06329	4.75E-03	0.00023	8.4E-07	0.00015	0.00513	6.00E-03	0.000295	7.1E-07	8.56E-05	6.38E-03	0.005911	0.000253	5.8E-07	9.09E-05	0.006256
2553	492930.5	3860293.11	0.0525	0.05537	0.04491	0.06331	4.76E-03	0.00023	8.4E-07	0.00015	0.00514	6.00E-03	0.000296	7.14E-07	8.56E-05	6.39E-03	0.005919	0.000254	5.83E-07	9.09E-05	0.006265
2554	492980.5	3860293.11	0.05257	0.05553	0.04515	0.0633	4.76E-03	0.00023	8.5E-07	0.00015	0.00515	6.01E-03	0.000297	7.18E-07	8.56E-05	6.40E-03	0.005927	0.000255	5.86E-07	9.09E-05	0.006274
2555	493030.5	3860293.11	0.05286	0.056	0.04558	0.06305	4.79E-03	0.00024	8.5E-07	0.00015	0.00517	6.05E-03	0.000299	7.24E-07	8.53E-05	6.43E-03	0.00596	0.000257	5.92E-07	9.05E-05	0.006308
2556	493080.5	3860293.11	0.05305	0.05643	0.046	0.06261	4.81E-03	0.00024	8.6E-07	0.00015	0.00519	6.07E-03	0.000301	7.31E-07	8.47E-05	6.45E-03	0.005981	0.000259	5.97E-07	8.99E-05	0.006331
2557	493130.5	3860293.11	0.05288	0.0561	0.0459	0.06285	4.79E-03	0.00024	8.6E-07	0.00015	0.00518	6.05E-03	0.0003	7.29E-07	8.5E-05	6.43E-03	0.005962	0.000258	5.96E-07	9.03E-05	0.006311
2558	493180.5	3860293.11	0.05269	0.0558	0.0458	0.06296	4.77E-03	0.00024	8.6E-07	0.00015	0.00516	6.03E-03	0.000298	7.28E-07	8.51E-05	6.41E-03	0.005941	0.000256	5.95E-07	9.04E-05	0.006288

2559	493230.5	3860293.11	0.05261	0.05569	0.04583	0.06292	4.77E-03	0.00024	8.6E-07	0.00015	0.00515	6.02E-03	0.000297	7.28E-07	8.51E-05	6.40E-03	0.005932	0.000256	5.95E-07	9.04E-05	0.006278
2560	493280.5	3860293.11	0.05267	0.05584	0.04603	0.0627	4.77E-03	0.00024	8.6E-07	0.00015	0.00516	6.02E-03	0.000298	7.32E-07	8.48E-05	6.41E-03	0.005939	0.000256	5.97E-07	9E-05	0.006286
2561	493330.5	3860293.11	0.05266	0.05584	0.04612	0.06254	4.77E-03	0.00024	8.6E-07	0.00014	0.00515	6.02E-03	0.000298	7.33E-07	8.46E-05	6.41E-03	0.005937	0.000256	5.99E-07	8.98E-05	0.006284
2562	493380.5	3860293.11	0.0526	0.05579	0.04617	0.06239	4.77E-03	0.00024	8.6E-07	0.00014	0.00515	6.02E-03	0.000298	7.34E-07	8.44E-05	6.40E-03	0.005931	0.000256	5.99E-07	8.96E-05	0.006277
2563	492880.5	3860343.11	0.05096	0.05358	0.04332	0.06158	4.62E-03	0.00023	8.1E-07	0.00014	0.00499	5.83E-03	0.000286	6.88E-07	8.33E-05	6.20E-03	0.005746	0.000246	5.62E-07	8.84E-05	0.006081
2564	492930.5	3860343.11	0.05102	0.05373	0.04354	0.06165	4.62E-03	0.00023	8.2E-07	0.00014	0.00499	5.84E-03	0.000287	6.92E-07	8.34E-05	6.21E-03	0.005752	0.000247	5.65E-07	8.85E-05	0.006088
2565	492980.5	3860343.11	0.05136	0.05432	0.04405	0.06167	4.65E-03	0.00023	8.2E-07	0.00014	0.00503	5.87E-03	0.00029	7E-07	8.34E-05	6.25E-03	0.005791	0.000249	5.72E-07	8.86E-05	0.006129
2566	493030.5	3860343.11	0.05137	0.05438	0.04421	0.06169	4.66E-03	0.00023	8.3E-07	0.00014	0.00503	5.88E-03	0.00029	7.03E-07	8.34E-05	6.25E-03	0.005792	0.00025	5.74E-07	8.86E-05	0.006131
2567	493080.5	3860343.11	0.05163	0.05483	0.04463	0.06139	4.68E-03	0.00023	8.4E-07	0.00014	0.00505	5.91E-03	0.000293	7.09E-07	8.3E-05	6.28E-03	0.005821	0.000252	5.79E-07	8.82E-05	0.006162
2568	493130.5	3860343.11	0.05155	0.05472	0.04468	0.06145	4.67E-03	0.00023	8.4E-07	0.00014	0.00505	5.90E-03	0.000292	7.1E-07	8.31E-05	6.27E-03	0.005812	0.000251	5.8E-07	8.82E-05	0.006152
2569	493180.5	3860343.11	0.05131	0.05438	0.04456	0.06166	4.65E-03	0.00023	8.3E-07	0.00014	0.00502	5.87E-03	0.00029	7.08E-07	8.34E-05	6.24E-03	0.005785	0.00025	5.78E-07	8.85E-05	0.006124
2570	493230.5	3860343.11	0.05125	0.05432	0.04463	0.06163	4.64E-03	0.00023	8.4E-07	0.00014	0.00502	5.86E-03	0.00029	7.09E-07	8.33E-05	6.24E-03	0.005778	0.000249	5.79E-07	8.85E-05	0.006117
2571	493280.5	3860343.11	0.05137	0.05449	0.04485	0.06139	4.66E-03	0.00023	8.4E-07	0.00014	0.00503	5.88E-03	0.000291	7.13E-07	8.3E-05	6.25E-03	0.005792	0.00025	5.82E-07	8.82E-05	0.006131
2572	493330.5	3860343.11	0.05139	0.05456	0.045	0.06124	4.66E-03	0.00023	8.4E-07	0.00014	0.00503	5.88E-03	0.000291	7.15E-07	8.28E-05	6.25E-03	0.005794	0.000251	5.84E-07	8.79E-05	0.006133
2573	493380.5	3860343.11	0.05135	0.05451	0.04506	0.06115	4.65E-03	0.00023	8.4E-07	0.00014	0.00503	5.87E-03	0.000291	7.16E-07	8.27E-05	6.25E-03	0.00579	0.00025	5.85E-07	8.78E-05	0.006128
2574	492880.5	3860393.11	0.04951	0.05195	0.04199	0.05984	4.49E-03	0.00022	7.9E-07	0.00014	0.00485	5.66E-03	0.000277	6.67E-07	8.09E-05	6.02E-03	0.005582	0.000239	5.45E-07	8.59E-05	0.005907
2575	492930.5	3860393.11	0.04964	0.05221	0.04226	0.05997	4.50E-03	0.00022	7.9E-07	0.00014	0.00486	5.68E-03	0.000279	6.72E-07	8.11E-05	6.04E-03	0.005597	0.00024	5.49E-07	8.61E-05	0.005923
2576	492980.5	3860393.11	0.04984	0.05258	0.04262	0.06008	4.52E-03	0.00022	8E-07	0.00014	0.00488	5.70E-03	0.000281	6.77E-07	8.12E-05	6.06E-03	0.005619	0.000241	5.53E-07	8.63E-05	0.005948
2577	493030.5	3860393.11	0.04996	0.05282	0.04289	0.06013	4.53E-03	0.00022	8E-07	0.00014	0.00489	5.71E-03	0.000282	6.82E-07	8.13E-05	6.08E-03	0.005633	0.000243	5.57E-07	8.63E-05	0.005962
2578	493080.5	3860393.11	0.05026	0.05331	0.04333	0.05999	4.55E-03	0.00023	8.1E-07	0.00014	0.00492	5.75E-03	0.000285	6.89E-07	8.11E-05	6.12E-03	0.005667	0.000245	5.62E-07	8.61E-05	0.005998
2579	493130.5	3860393.11	0.05012	0.05316	0.04335	0.06016	4.54E-03	0.00022	8.1E-07	0.00014	0.00491	5.73E-03	0.000284	6.89E-07	8.13E-05	6.10E-03	0.005651	0.000244	5.63E-07	8.64E-05	0.005982
2580	493180.5	3860393.11	0.04992	0.05289	0.04328	0.06021	4.52E-03	0.00022	8.1E-07	0.00014	0.00489	5.71E-03	0.000282	6.88E-07	8.14E-05	6.07E-03	0.005628	0.000243	5.62E-07	8.65E-05	0.005958
2581	493230.5	3860393.11	0.04992	0.05292	0.04341	0.06019	4.52E-03	0.00022	8.1E-07	0.00014	0.00489	5.71E-03	0.000283	6.9E-07	8.14E-05	6.07E-03	0.005628	0.000243	5.63E-07	8.64E-05	0.005958
2582	493280.5	3860393.11	0.05006	0.05314	0.04367	0.06014	4.54E-03	0.00022	8.2E-07	0.00014	0.0049	5.73E-03	0.000284	6.94E-07	8.13E-05	6.09E-03	0.005644	0.000244	5.67E-07	8.64E-05	0.005975
2583	493330.5	3860393.11	0.05013	0.05324	0.04385	0.05996	4.54E-03	0.00023	8.2E-07	0.00014	0.00491	5.73E-03	0.000284	6.97E-07	8.11E-05	6.10E-03	0.005652	0.000244	5.69E-07	8.61E-05	0.005983
2584	493380.5	3860393.11	0.05011	0.05324	0.04395	0.05988	4.54E-03	0.00023	8.2E-07	0.00014	0.00491	5.73E-03	0.000284	6.99E-07	8.1E-05	6.10E-03	0.00565	0.000244	5.7E-07	8.6E-05	0.005981
2585	492880.5	3860443.11	0.04817	0.05042	0.04076	0.05812	4.37E-03	0.00021	7.6E-07	0.00013	0.00471	5.51E-03	0.000269	6.48E-07	7.86E-05	5.86E-03	0.005431	0.000232	5.29E-07	8.35E-05	0.005747
2586	492930.5	3860443.11	0.0482	0.05057	0.04093	0.05826	4.37E-03	0.00021	7.7E-07	0.00013	0.00472	5.51E-03	0.00027	6.51E-07	7.88E-05	5.86E-03	0.005435	0.000232	5.31E-07	8.37E-05	0.005751
2587	492980.5	3860443.11	0.04838	0.05089	0.04124	0.05842	4.38E-03	0.00022	7.7E-07	0.00014	0.00474	5.53E-03	0.000272	6.55E-07	7.9E-05	5.88E-03	0.005455	0.000234	5.35E-07	8.39E-05	0.005773
2588	493030.5	3860443.11	0.04854	0.0512	0.04154	0.05855	4.40E-03	0.00022	7.8E-07	0.00014	0.00475	5.55E-03	0.000273	6.6E-07	7.92E-05	5.91E-03	0.005473	0.000235	5.39E-07	8.41E-05	0.005793
2589	493080.5	3860443.11	0.04859	0.05134	0.04174	0.05863	4.40E-03	0.00022	7.8E-07	0.00014	0.00476	5.56E-03	0.000274	6.63E-07	7.93E-05	5.91E-03	0.005479	0.000236	5.42E-07	8.42E-05	0.005799
2590	493130.5	3860443.11	0.04864	0.05146	0.04193	0.05868	4.41E-03	0.00022	7.8E-07	0.00014	0.00476	5.56E-03	0.000275	6.66E-07	7.93E-05	5.92E-03	0.005484	0.000236	5.44E-07	8.43E-05	0.005805
2591	493180.5	3860443.11	0.04849	0.05129	0.04192	0.05872	4.39E-03	0.00022	7.8E-07	0.00014	0.00475	5.55E-03	0.000274	6.66E-07	7.94E-05	5.90E-03	0.005467	0.000236	5.44E-07	8.43E-05	0.005788
2592	493230.5	3860443.11	0.04866	0.05159	0.04224	0.05875	4.41E-03	0.00022	7.9E-07	0.00014	0.00476	5.57E-03	0.000275	6.71E-07	7.94E-05	5.92E-03	0.005486	0.000237	5.48E-07	8.44E-05	0.005808
2593	493280.5	3860443.11	0.04873	0.05173	0.04244	0.05875	4.42E-03	0.00022	7.9E-07	0.00014	0.00477	5.57E-03	0.000276	6.75E-07	7.94E-05	5.93E-03	0.005494	0.000238	5.51E-07	8.44E-05	0.005817
2594	493330.5	3860443.11	0.04886	0.05194	0.0427	0.05871	4.43E-03	0.00022	8E-07	0.00014	0.00478	5.59E-03	0.000277	6.79E-07	7.94E-05	5.95E-03	0.005509	0.000239	5.54E-07	8.43E-05	0.005832
2595	493380.5	3860443.11	0.04881	0.05188	0.04276	0.0587	4.42E-03	0.00022	8E-07	0.00014	0.00478	5.58E-03	0.000277	6.8E-07	7.94E-05	5.94E-03	0.005503	0.000238	5.55E-07	8.43E-05	0.005826
2596	493180.5	3860493.11	0.04726	0.04995	0.04077	0.0572	4.28E-03	0.00021	7.6E-07	0.00013	0.00463	5.41E-03	0.000267	6.48E-07	7.73E-05	5.75E-03	0.005329	0.000229	5.29E-07	8.21E-05	0.005641
2597	493230.5	3860493.11	0.04737	0.05015	0.04101	0.05728	4.29E-03	0.00021	7.7E-07	0.00013	0.00464	5.42E-03	0.000268	6.52E-07	7.74E-05	5.76E-03	0.005341	0.00023	5.32E-07	8.23E-05	0.005654
2598	493280.5	3860493.11	0.04747	0.05036	0.04125	0.05733	4.30E-03	0.00021	7.7E-07	0.00013	0.00465	5.43E-03	0.000269	6.56E-07	7.75E-05	5.78E-03	0.005352	0.000231	5.35E-07	8.23E-05	0.005666
2599	493330.5	3860493.11	0.04753	0.05047	0.04144	0.05735	4.31E-03	0.00021	7.8E-07	0.00013	0.00465	5.44E-03	0.000269	6.59E-07	7.75E-05	5.78E-03	0.005359	0.000232	5.38E-07	8.24E-05	0.005674
2600	493380.5	3860493.11	0.04748	0.05043	0.04151	0.05736	4.30E-03	0.00021	7.8E-07	0.00013	0.00465	5.43E-03	0.000269	6.6E-07	7.76E-05	5.78E-03	0.005353	0.000232	5.39E-07	8.24E-05	0.005668
2601	493330.5	3860543.11	0.0463	0.04912	0.04027	0.05595	4.20E-03	0.00021	7.5E-07	0.00013	0.00453	5.30E-03	0.000262	6.4E-07	7.57E-05	5.63E-03	0.00522	0.000226	5.23E-07	8.03E-05	0.005527
2602	493380.5	3860543.11	0.04626	0.04909	0.04035	0.05598	4.19E-03	0.00021	7.6E-07	0.00013	0.00453	5.29E-03	0.000262	6.41E-07	7.57E-05	5.63E-03	0.005216	0.000225	5.24E-07	8.04E-05	0.005522
2603	494135.94	3860876.85	0.03912	0.04165	0.03503	0.04796	3.55E-03	0.00018	6.6E-07	0.00011	0.00383	4.47E-03	0.000222	5.57E-07	6.48E-05	4.76E-03	0.004411	0.000191	4.55E-07	6.89E-05	0.004671
2604	494185.94	3860876.85	0.03911	0.04165	0.03511	0.04797	3.54E-03	0.00018	6.6E-07	0.00011	0.00383	4.47E-03	0.000222	5.58E-07	6.49E-05	4.76E-03	0.00441	0.000191	4.56E-07	6.89E-05	0.00467
2605	494135.94	3860926.85	0.03817	0.04063	0.03412	0.04684	3.46E-03	0.00017	6.4E-07	0.00011	0.00374	4.37E-03	0.000217	5.42E-07	6.33E-05	4.65E-03	0.004304	0.000187	4.43E-07	6.73E-05	0.004558
2606	494185.94	3860926.85	0.03819	0.04066	0.03422	0.04687	3.46E-03	0.00017	6.4E-07	0.00011	0.00374	4.37E-03	0.000217	5.44E-07	6.34E-05	4.65E-03	0.004306	0.000187	4.44E-07	6.73E-05	0.00456
2607	494135.94	3860976.85	0.03727	0.03964	0.03324	0.04571	3.38E-03	0.00017	6.2E-07	0.00011	0.00365	4.26E-03	0.000212	5.28E-07	6.18E-05	4.54E-03	0.004202	0.000182	4.31E-07	6.56E-05	0.00445
2608	494185.94	3860976.85	0.0373	0.0397	0.03335	0.04577	3.38E-03	0.00017	6.2E-07	0.00011	0.00365	4.27E-03	0.000212	5.3E-07	6.19E-05	4.54E-03	0.004206	0.000182	4.33E-07	6.57E-05	0.004454
2609	494135.94	3861026.85	0.03636	0.03864	0.03236	0.04456	3.30E-03	0.00016	6.1E-07	0.0001	0.00356	4.16E-03	0.000206	5.14E-07	6.02E-05	4.43E-03	0.0041	0.000177	4.2E-07	6.4E-05	0.004341
2610	494185.94	3861026.85	0.03641	0.03872	0.03248	0.04465	3.30E-03	0.00016	6.1E-07	0.0001	0.00357	4.16E-03	0.000207	5.16E-07	6.04E-05	4.43E-03	0.004105	0.000178	4.22E-07	6.41E-05	0.004348
2611	494135.94	3861076.85	0.0355	0.03766	0.03151	0.04343	3.22E-03	0.00016	5.9E-07	0.0001	0.00348	4.06E-03	0.000201	5.01E-07	5.87E-05	4.32E-03	0.004003	0.000173	4.09E-07	6.24E-05	0.004238
2612	494185.94	3861076.85	0.03554	0.03775	0.03163	0.04353	3.22E-03	0.00016	5.9E-07	0.0001	0.00348	4.07E-03	0.000202	5.03E-07	5.89E-05	4.33E-03	0.004007	0.000173	4.11E-07	6.25E-05	0.004243
2613	490360.04	3858710.04	0.19358	0.16528	0.11364	0.20113	1.75E-02	0.0007	2.1E-06	0.00047	0.01871	2.21E-02	0.000883	1.81E-06	0.000272	2.33E-02	0.021826	0.000759	1.48E-06	0.000289	0.022875
2614	490410.04	3858710.04	0.1901	0.16497	0.11384	0.19889	1.72E-02	0.0007	2.1E-06	0.00046	0.01839	2.17E-02	0.000881	1.81E-06	0.000269	2.29E-02	0.021434	0.000758	1.48E-06	0.000286	0.022478
2615	490460.04	3858710.04	0.18648	0.16492	0.11413	0.19581	1.69E-02	0.0007	2.1E-06	0.00045	0.01805	2.13E-02	0.000881	1.81E-06	0.000265	2.25E-02	0.021026	0.000757	1.48E-06	0.000281	0.022066
2616	490510.04	3858710.04	0.18324	0.16441	0.11416	0.19346	1.66E-02	0.0007	2.1E-06	0.00045	0.01775	2.10E-02	0.000878	1.81E-06	0.000262	2.21E-02	0.02066	0.000755	1.48E-06	0.000278	0.021695
2617	490560.04	3858710.04	0.18025	0.16377	0.11409	0.19138	1.63E-02	0.00069	2.1E-06	0.00044	0.01747	2.06E-02	0.000874	1.81E-06	0.000259	2.18E-02	0.020323	0.000752	1.48E-06	0.000275	0.021352
2618	490610.04	3858710.04	0.17731	0.16314	0.11398	0.18912	1.61E-02	0.00069	2.1E-06	0.00044	0.0172	2.03E-02	0.000871	1.81E-06	0.000256	2.14E-02	0.019992	0.000749	1.48E-06	0.000272	0.021014
2619	490660.04	3858710.04	0.17479	0.16226	0.11373	0.18766	1.58E-02	0.00069	2.1E-06	0.00043	0.01696	2.00E-02	0.000866	1.81E-06	0.000254	2.11E-02	0.019708	0.000745	1.48E-06	0.000269	0.020724

2620	490710.04	3858710.04	0.17186	0.16171	0.1136	0.18483	1.56E-02	0.00068	2.1E-06	0.00043	0.01669	1.97E-02	0.000863	1.81E-06	0.00025	2.08E-02	0.019377	0.000743	1.47E-06	0.000265	0.020387
2621	490760.04	3858710.04	0.16914	0.16103	0.11338	0.1823	1.53E-02	0.00068	2.1E-06	0.00042	0.01643	1.93E-02	0.00086	1.8E-06	0.000246	2.05E-02	0.01907	0.00074	1.47E-06	0.000262	0.020073
2622	490810.04	3858710.04	0.16649	0.1603	0.11311	0.17971	1.51E-02	0.00068	2.1E-06	0.00042	0.01618	1.90E-02	0.000856	1.8E-06	0.000243	2.01E-02	0.018772	0.000736	1.47E-06	0.000258	0.019767
2623	490860.04	3858710.04	0.16368	0.15961	0.11285	0.17649	1.48E-02	0.00068	2.1E-06	0.00041	0.01592	1.87E-02	0.000852	1.79E-06	0.000239	1.98E-02	0.018455	0.000733	1.46E-06	0.000253	0.019443
2624	490360.04	3858760.04	0.18693	0.15867	0.10938	0.19172	1.69E-02	0.00067	2E-06	0.00044	0.01806	2.14E-02	0.000847	1.74E-06	0.000259	2.25E-02	0.021076	0.000729	1.42E-06	0.000275	0.022082
2625	490410.04	3858760.04	0.18359	0.15853	0.1097	0.18957	1.66E-02	0.00067	2.1E-06	0.00044	0.01775	2.10E-02	0.000846	1.74E-06	0.000256	2.21E-02	0.0207	0.000728	1.42E-06	0.000272	0.021701
2626	490460.04	3858760.04	0.18026	0.15837	0.10997	0.1871	1.63E-02	0.00067	2.1E-06	0.00043	0.01744	2.06E-02	0.000846	1.75E-06	0.000253	2.17E-02	0.020324	0.000727	1.43E-06	0.000269	0.021322
2627	490510.04	3858760.04	0.17699	0.15813	0.11017	0.18444	1.60E-02	0.00067	2.1E-06	0.00043	0.01714	2.02E-02	0.000844	1.75E-06	0.000249	2.13E-02	0.019956	0.000726	1.43E-06	0.000265	0.020948
2628	490560.04	3858760.04	0.17404	0.15765	0.11022	0.18227	1.58E-02	0.00067	2.1E-06	0.00042	0.01686	1.99E-02	0.000842	1.75E-06	0.000246	2.10E-02	0.019623	0.000724	1.43E-06	0.000262	0.02061
2629	490610.04	3858760.04	0.17114	0.15717	0.11024	0.17991	1.55E-02	0.00066	2.1E-06	0.00042	0.01659	1.96E-02	0.000839	1.75E-06	0.000243	2.07E-02	0.019296	0.000722	1.43E-06	0.000258	0.020278
2630	490660.04	3858760.04	0.16842	0.15657	0.11018	0.17771	1.53E-02	0.00066	2.1E-06	0.00041	0.01634	1.93E-02	0.000836	1.75E-06	0.00024	2.03E-02	0.018989	0.000719	1.43E-06	0.000255	0.019965
2631	490710.04	3858760.04	0.1658	0.15596	0.11007	0.17547	1.50E-02	0.00066	2.1E-06	0.00041	0.01609	1.90E-02	0.000833	1.75E-06	0.000237	2.00E-02	0.018694	0.000716	1.43E-06	0.000252	0.019664
2632	490760.04	3858760.04	0.16306	0.15536	0.10995	0.17275	1.48E-02	0.00066	2.1E-06	0.0004	0.01584	1.87E-02	0.00083	1.75E-06	0.000234	1.97E-02	0.018385	0.000713	1.43E-06	0.000248	0.019348
2633	490810.04	3858760.04	0.16048	0.15468	0.10975	0.17013	1.45E-02	0.00065	2.1E-06	0.00039	0.01559	1.84E-02	0.000826	1.74E-06	0.00023	1.94E-02	0.018094	0.00071	1.42E-06	0.000244	0.01905
2634	490860.04	3858760.04	0.15809	0.15392	0.10948	0.1678	1.43E-02	0.00065	2E-06	0.00039	0.01537	1.81E-02	0.000822	1.74E-06	0.000227	1.91E-02	0.017825	0.000707	1.42E-06	0.000241	0.018774
2635	490360.04	3858810.04	0.17982	0.1526	0.10532	0.18237	1.63E-02	0.00065	2E-06	0.00042	0.01737	2.06E-02	0.000815	1.67E-06	0.000247	2.16E-02	0.020275	0.000701	1.37E-06	0.000262	0.021239
2636	490410.04	3858810.04	0.17663	0.15258	0.10573	0.18033	1.60E-02	0.00065	2E-06	0.00042	0.01707	2.02E-02	0.000815	1.68E-06	0.000244	2.13E-02	0.019915	0.000701	1.37E-06	0.000259	0.020876
2637	490460.04	3858810.04	0.17349	0.15245	0.10605	0.17807	1.57E-02	0.00064	2E-06	0.00041	0.01678	1.98E-02	0.000814	1.69E-06	0.000241	2.09E-02	0.019561	0.0007	1.38E-06	0.000256	0.020518
2638	490510.04	3858810.04	0.17068	0.15207	0.10622	0.17628	1.55E-02	0.00064	2E-06	0.00041	0.01652	1.95E-02	0.000812	1.69E-06	0.000238	2.06E-02	0.019244	0.000698	1.38E-06	0.000253	0.020197
2639	490560.04	3858810.04	0.16792	0.15167	0.10634	0.17428	1.52E-02	0.00064	2E-06	0.0004	0.01626	1.92E-02	0.00081	1.69E-06	0.000236	2.03E-02	0.018933	0.000697	1.38E-06	0.00025	0.019881
2640	490610.04	3858810.04	0.16499	0.15137	0.1065	0.17161	1.50E-02	0.00064	2E-06	0.0004	0.01599	1.89E-02	0.000808	1.69E-06	0.000232	1.99E-02	0.018603	0.000695	1.38E-06	0.000246	0.019546
2641	490660.04	3858810.04	0.16236	0.15089	0.10654	0.16939	1.47E-02	0.00064	2E-06	0.00039	0.01575	1.86E-02	0.000806	1.69E-06	0.000229	1.96E-02	0.018306	0.000693	1.38E-06	0.000243	0.019244
2642	490710.04	3858810.04	0.1597	0.15039	0.10654	0.16686	1.45E-02	0.00064	2E-06	0.00039	0.0155	1.83E-02	0.000803	1.69E-06	0.000226	1.93E-02	0.018006	0.000691	1.38E-06	0.00024	0.018938
2643	490760.04	3858810.04	0.15686	0.1499	0.10653	0.1636	1.42E-02	0.00063	2E-06	0.00038	0.01523	1.79E-02	0.0008	1.69E-06	0.000221	1.90E-02	0.017686	0.000688	1.38E-06	0.000235	0.018611
2644	490810.04	3858810.04	0.15483	0.14915	0.10633	0.16212	1.40E-02	0.00063	2E-06	0.00038	0.01504	1.77E-02	0.000796	1.69E-06	0.000219	1.87E-02	0.017457	0.000685	1.38E-06	0.000233	0.018376
2645	490860.04	3858810.04	0.15236	0.14848	0.10616	0.15937	1.38E-02	0.00063	2E-06	0.00037	0.01481	1.74E-02	0.000793	1.69E-06	0.000215	1.84E-02	0.017179	0.000682	1.38E-06	0.000229	0.018091
2646	490360.04	3858860.04	0.17228	0.14692	0.10142	0.17303	1.56E-02	0.00062	1.9E-06	0.0004	0.01664	1.97E-02	0.000784	1.61E-06	0.000234	2.07E-02	0.019425	0.000675	1.32E-06	0.000248	0.020349
2647	490410.04	3858860.04	0.16964	0.14663	0.10171	0.17195	1.54E-02	0.00062	1.9E-06	0.0004	0.01639	1.94E-02	0.000783	1.62E-06	0.000232	2.04E-02	0.019127	0.000673	1.32E-06	0.000247	0.020048
2648	490460.04	3858860.04	0.16665	0.14672	0.10216	0.16969	1.51E-02	0.00062	1.9E-06	0.00039	0.01612	1.91E-02	0.000783	1.62E-06	0.000229	2.01E-02	0.01879	0.000674	1.33E-06	0.000244	0.019709
2649	490510.04	3858860.04	0.16427	0.14627	0.10233	0.16856	1.49E-02	0.00062	1.9E-06	0.00039	0.0159	1.88E-02	0.000781	1.63E-06	0.000228	1.98E-02	0.018521	0.000672	1.33E-06	0.000242	0.019437
2650	490560.04	3858860.04	0.16155	0.14607	0.10259	0.16638	1.46E-02	0.00062	1.9E-06	0.00039	0.01565	1.85E-02	0.00078	1.63E-06	0.000225	1.95E-02	0.018215	0.000671	1.33E-06	0.000239	0.019126
2651	490610.04	3858860.04	0.15856	0.14596	0.10288	0.16334	1.44E-02	0.00062	1.9E-06	0.00038	0.01537	1.81E-02	0.000779	1.64E-06	0.000221	1.91E-02	0.017878	0.00067	1.34E-06	0.000235	0.018784
2652	490660.04	3858860.04	0.15613	0.1455	0.10297	0.16131	1.41E-02	0.00062	1.9E-06	0.00037	0.01514	1.79E-02	0.000777	1.64E-06	0.000218	1.89E-02	0.017604	0.000668	1.34E-06	0.000232	0.018505
2653	490710.04	3858860.04	0.15399	0.14492	0.10297	0.15971	1.40E-02	0.00061	1.9E-06	0.00037	0.01494	1.76E-02	0.000774	1.64E-06	0.000216	1.86E-02	0.017362	0.000666	1.34E-06	0.000229	0.018259
2654	490760.04	3858860.04	0.15136	0.14447	0.10302	0.15672	1.37E-02	0.00061	1.9E-06	0.00036	0.01469	1.73E-02	0.000771	1.64E-06	0.000212	1.83E-02	0.017066	0.000663	1.34E-06	0.000225	0.017956
2655	490810.04	3858860.04	0.14887	0.14392	0.10299	0.15388	1.35E-02	0.00061	1.9E-06	0.00036	0.01446	1.70E-02	0.000768	1.64E-06	0.000208	1.80E-02	0.016785	0.000661	1.34E-06	0.000221	0.017668
2656	490860.04	3858860.04	0.14639	0.14322	0.1029	0.15086	1.33E-02	0.00061	1.9E-06	0.00035	0.01422	1.67E-02	0.000765	1.64E-06	0.000204	1.77E-02	0.016505	0.000658	1.34E-06	0.000217	0.017381
2657	490360.04	3858910.04	0.16528	0.14063	0.09723	0.16565	1.50E-02	0.00059	1.8E-06	0.00038	0.01596	1.89E-02	0.000751	1.55E-06	0.000224	1.99E-02	0.018635	0.000646	1.26E-06	0.000238	0.01952
2658	490410.04	3858910.04	0.16268	0.14076	0.09772	0.16422	1.47E-02	0.0006	1.8E-06	0.00038	0.01572	1.86E-02	0.000752	1.55E-06	0.000222	1.96E-02	0.018342	0.000646	1.27E-06	0.000236	0.019226
2659	490460.04	3858910.04	0.1601	0.14086	0.09818	0.16254	1.45E-02	0.0006	1.8E-06	0.00038	0.01548	1.83E-02	0.000752	1.56E-06	0.00022	1.93E-02	0.018051	0.000647	1.27E-06	0.000233	0.018933
2660	490510.04	3858910.04	0.15751	0.14089	0.0986	0.16058	1.43E-02	0.0006	1.8E-06	0.00037	0.01524	1.80E-02	0.000752	1.57E-06	0.000217	1.90E-02	0.017759	0.000647	1.28E-06	0.000231	0.018638
2661	490560.04	3858910.04	0.15488	0.14083	0.09896	0.1583	1.40E-02	0.0006	1.9E-06	0.00037	0.015	1.77E-02	0.000752	1.57E-06	0.000214	1.87E-02	0.017463	0.000647	1.28E-06	0.000227	0.018338
2662	490610.04	3858910.04	0.15229	0.14068	0.09925	0.15587	1.38E-02	0.0006	1.9E-06	0.00036	0.01476	1.74E-02	0.000751	1.58E-06	0.000211	1.84E-02	0.017171	0.000646	1.29E-06	0.000224	0.018042
2663	490660.04	3858910.04	0.15	0.1403	0.09942	0.15388	1.36E-02	0.00059	1.9E-06	0.00036	0.01455	1.72E-02	0.000749	1.58E-06	0.000208	1.81E-02	0.016912	0.000644	1.29E-06	0.000221	0.017779
2664	490710.04	3858910.04	0.14762	0.13991	0.09957	0.15142	1.34E-02	0.00059	1.9E-06	0.00035	0.01432	1.69E-02	0.000747	1.58E-06	0.000205	1.78E-02	0.016644	0.000643	1.29E-06	0.000217	0.017505
2665	490760.04	3858910.04	0.14506	0.13948	0.09968	0.14834	1.31E-02	0.00059	1.9E-06	0.00034	0.01408	1.66E-02	0.000745	1.58E-06	0.000201	1.75E-02	0.016355	0.000641	1.29E-06	0.000213	0.01721
2666	490810.04	3858910.04	0.14297	0.13887	0.09969	0.14616	1.30E-02	0.00059	1.9E-06	0.00034	0.01388	1.64E-02	0.000741	1.58E-06	0.000198	1.73E-02	0.01612	0.000638	1.29E-06	0.00021	0.016969
2667	490860.04	3858910.04	0.14046	0.13818	0.0997	0.14285	1.27E-02	0.00058	1.9E-06	0.00033	0.01365	1.61E-02	0.000738	1.58E-06	0.000193	1.70E-02	0.015837	0.000635	1.29E-06	0.000205	0.016678
2668	490360.04	3858960.04	0.15788	0.1349	0.09336	0.15774	1.43E-02	0.00057	1.7E-06	0.00037	0.01525	1.81E-02	0.00072	1.48E-06	0.000213	1.90E-02	0.017801	0.00062	1.21E-06	0.000227	0.018648
2669	490410.04	3858960.04	0.15543	0.13532	0.09396	0.15623	1.41E-02	0.00057	1.8E-06	0.00036	0.01502	1.78E-02	0.000723	1.49E-06	0.000211	1.87E-02	0.017525	0.000621	1.22E-06	0.000224	0.018372
2670	490460.04	3858960.04	0.15292	0.13563	0.09452	0.15439	1.39E-02	0.00057	1.8E-06	0.00036	0.01479	1.75E-02	0.000724	1.5E-06	0.000209	1.84E-02	0.017242	0.000623	1.23E-06	0.000222	0.018087
2671	490510.04	3858960.04	0.15058	0.13572	0.09496	0.15264	1.36E-02	0.00057	1.8E-06	0.00035	0.01458	1.72E-02	0.000725	1.51E-06	0.000206	1.82E-02	0.016978	0.000623	1.23E-06	0.000219	0.017822
2672	490560.04	3858960.04	0.14828	0.13568	0.09533	0.15076	1.34E-02	0.00057	1.8E-06	0.00035	0.01436	1.70E-02	0.000724	1.52E-06	0.000204	1.79E-02	0.016719	0.000623	1.24E-06	0.000216	0.017559
2673	490610.04	3858960.04	0.1457	0.13568	0.09574	0.14809	1.32E-02	0.00057	1.8E-06	0.00034	0.01412	1.67E-02	0.000724	1.52E-06	0.0002	1.76E-02	0.016428	0.000623	1.24E-06	0.000213	0.017265
2674	490660.04	3858960.04	0.14395	0.13528	0.09593	0.14692	1.30E-02	0.00057	1.8E-06	0.00034	0.01396	1.65E-02	0.000722	1.52E-06	0.000199	1.74E-02	0.01623	0.000621	1.25E-06	0.000211	0.017064
2675	490710.04	3858960.04	0.14149	0.13502	0.09617	0.14402	1.28E-02	0.00057	1.8E-06	0.00033	0.01373	1.62E-02	0.000721	1.53E-06	0.000195	1.71E-02	0.015953	0.00062	1.25E-06	0.000207	0.016781
2676	490760.04	3858960.04	0.13924	0.13459	0.09631	0.1414	1.26E-02	0.00057	1.8E-06	0.00033	0.01352	1.59E-02	0.000719	1.53E-06	0.000191	1.68E-02	0.015699	0.000618	1.25E-06	0.000203	0.016522
2677	490810.04	3858960.04	0.13701	0.134	0.09642	0.13864	1.24E-02	0.00057	1.8E-06	0.00032	0.01331	1.57E-02	0.000715	1.53E-06	0.000187	1.66E-02	0.015448	0.000615	1.25E-06	0.000199	0.016264
2678	490860.04	3858960.04	0.13456	0.13335	0.0965	0.1352	1.22E-02	0.00056	1.8E-06	0.00031	0.01307	1.54E-02	0.000712	1.53E-06	0.000183	1.63E-02	0.015172	0.000612	1.25E-06	0.000194	0.015979
2679	490360.04	3859010.04	0.15053	0.1292	0.08959	0.15022	1.36E-02	0.00055	1.7E-06	0.00035	0.01454	1.72E-02	0.00069	1.42E-06	0.000203	1.81E-02	0.016972	0.000593	1.16E-06	0.000216	0.017782
2680	490410.04	3859010.04	0.14824	0.12984	0.09025	0.14871	1.34E-02	0.00055	1.7E-06	0.00034	0.01433	1.70E-02	0.000693	1.43E-06	0.000201	1.79E-02	0.016714	0.000596	1.17E-06	0.000214	0.017525

2681	490460.04	3859010.04	0.14573	0.13044	0.0909	0.14655	1.32E-02	0.00055	1.7E-06	0.00034	0.0141	1.67E-02	0.000696	1.44E-06	0.000198	1.76E-02	0.016431	0.000599	1.18E-06	0.00021	0.017242
2682	490510.04	3859010.04	0.14327	0.1308	0.09146	0.14427	1.30E-02	0.00055	1.7E-06	0.00033	0.01387	1.64E-02	0.000698	1.45E-06	0.000195	1.73E-02	0.016154	0.000601	1.19E-06	0.000207	0.016963
2683	490560.04	3859010.04	0.1415	0.13074	0.09183	0.14312	1.28E-02	0.00055	1.7E-06	0.00033	0.01371	1.62E-02	0.000698	1.46E-06	0.000194	1.71E-02	0.015954	0.0006	1.19E-06	0.000206	0.016761
2684	490610.04	3859010.04	0.13914	0.13077	0.09227	0.1406	1.26E-02	0.00055	1.7E-06	0.00033	0.01349	1.59E-02	0.000698	1.47E-06	0.00019	1.68E-02	0.015688	0.000601	1.2E-06	0.000202	0.016492
2685	490660.04	3859010.04	0.13764	0.13048	0.09251	0.13965	1.25E-02	0.00055	1.7E-06	0.00032	0.01335	1.57E-02	0.000697	1.47E-06	0.000189	1.66E-02	0.015519	0.000599	1.2E-06	0.000201	0.01632
2686	490710.04	3859010.04	0.13529	0.13028	0.09282	0.13673	1.23E-02	0.00055	1.7E-06	0.00032	0.01313	1.55E-02	0.000696	1.48E-06	0.000185	1.64E-02	0.015254	0.000598	1.2E-06	0.000196	0.01605
2687	490760.04	3859010.04	0.13312	0.12985	0.09304	0.134	1.21E-02	0.00055	1.7E-06	0.00031	0.01293	1.52E-02	0.000693	1.48E-06	0.000181	1.61E-02	0.015009	0.000596	1.21E-06	0.000192	0.015799
2688	490810.04	3859010.04	0.13094	0.12932	0.09321	0.13109	1.19E-02	0.00055	1.7E-06	0.0003	0.01272	1.50E-02	0.000691	1.48E-06	0.000177	1.58E-02	0.014763	0.000594	1.21E-06	0.000188	0.015547
2689	490860.04	3859010.04	0.12892	0.12873	0.09334	0.1284	1.17E-02	0.00054	1.7E-06	0.0003	0.01253	1.47E-02	0.000687	1.48E-06	0.000174	1.56E-02	0.014536	0.000591	1.21E-06	0.000184	0.015312
2690	490360.04	3859060.04	0.14317	0.12363	0.08601	0.14286	1.30E-02	0.00052	1.6E-06	0.00033	0.01383	1.64E-02	0.00066	1.37E-06	0.000193	1.72E-02	0.016142	0.000568	1.12E-06	0.000205	0.016916
2691	490410.04	3859060.04	0.14076	0.12462	0.08676	0.14081	1.28E-02	0.00053	1.6E-06	0.00033	0.01361	1.61E-02	0.000665	1.38E-06	0.00019	1.70E-02	0.015871	0.000572	1.13E-06	0.000202	0.016646
2692	490460.04	3859060.04	0.13861	0.12522	0.08736	0.13905	1.26E-02	0.00053	1.6E-06	0.00032	0.01341	1.59E-02	0.000669	1.39E-06	0.000188	1.67E-02	0.015628	0.000575	1.13E-06	0.0002	0.016404
2693	490510.04	3859060.04	0.13664	0.1256	0.0879	0.13741	1.24E-02	0.00053	1.6E-06	0.00032	0.01323	1.56E-02	0.000671	1.4E-06	0.000186	1.65E-02	0.015406	0.000577	1.14E-06	0.000197	0.016181
2694	490560.04	3859060.04	0.13443	0.12588	0.08844	0.1351	1.22E-02	0.00053	1.7E-06	0.00031	0.01303	1.54E-02	0.000672	1.41E-06	0.000183	1.62E-02	0.015157	0.000578	1.15E-06	0.000194	0.01593
2695	490610.04	3859060.04	0.13277	0.12588	0.08883	0.13363	1.20E-02	0.00053	1.7E-06	0.00031	0.01288	1.52E-02	0.000672	1.41E-06	0.000181	1.60E-02	0.01497	0.000578	1.15E-06	0.000192	0.015741
2696	490660.04	3859060.04	0.13119	0.12577	0.08917	0.13221	1.19E-02	0.00053	1.7E-06	0.00031	0.01273	1.50E-02	0.000672	1.42E-06	0.000179	1.59E-02	0.014792	0.000578	1.16E-06	0.00019	0.01556
2697	490710.04	3859060.04	0.12898	0.12558	0.08952	0.12932	1.17E-02	0.00053	1.7E-06	0.0003	0.01252	1.48E-02	0.000671	1.42E-06	0.000175	1.56E-02	0.014542	0.000577	1.16E-06	0.000186	0.015306
2698	490760.04	3859060.04	0.12694	0.12522	0.0898	0.12663	1.15E-02	0.00053	1.7E-06	0.00029	0.01233	1.45E-02	0.000669	1.43E-06	0.000171	1.54E-02	0.014312	0.000575	1.17E-06	0.000182	0.015071
2699	490810.04	3859060.04	0.12487	0.12476	0.09003	0.12369	1.13E-02	0.00053	1.7E-06	0.00029	0.01213	1.43E-02	0.000666	1.43E-06	0.000167	1.51E-02	0.014079	0.000573	1.17E-06	0.000178	0.014831
2700	490860.04	3859060.04	0.12298	0.12322	0.09017	0.12097	1.11E-02	0.00052	1.7E-06	0.00028	0.01195	1.41E-02	0.000658	1.43E-06	0.000164	1.49E-02	0.013866	0.000566	1.17E-06	0.000174	0.014607
2701	490360.04	3859110.04	0.13616	0.1179	0.0825	0.1362	1.23E-02	0.0005	1.5E-06	0.00032	0.01315	1.56E-02	0.00063	1.31E-06	0.000184	1.64E-02	0.015352	0.000541	1.07E-06	0.000196	0.01609
2702	490410.04	3859110.04	0.13404	0.11903	0.08324	0.13442	1.21E-02	0.0005	1.6E-06	0.00031	0.01296	1.53E-02	0.000636	1.32E-06	0.000182	1.61E-02	0.015113	0.000547	1.08E-06	0.000193	0.015854
2703	490460.04	3859110.04	0.13234	0.1197	0.0838	0.13321	1.20E-02	0.00051	1.6E-06	0.00031	0.01281	1.51E-02	0.000639	1.33E-06	0.00018	1.60E-02	0.014921	0.00055	1.09E-06	0.000191	0.015663
2704	490510.04	3859110.04	0.1298	0.1205	0.08449	0.13023	1.18E-02	0.00051	1.6E-06	0.0003	0.01258	1.48E-02	0.000643	1.34E-06	0.000176	1.57E-02	0.014635	0.000553	1.1E-06	0.000187	0.015376
2705	490560.04	3859110.04	0.128	0.12086	0.08502	0.12839	1.16E-02	0.00051	1.6E-06	0.0003	0.01241	1.46E-02	0.000645	1.35E-06	0.000174	1.55E-02	0.014432	0.000555	1.1E-06	0.000184	0.015172
2706	490610.04	3859110.04	0.12607	0.12108	0.0855	0.12612	1.14E-02	0.00051	1.6E-06	0.00029	0.01223	1.44E-02	0.000647	1.36E-06	0.000171	1.52E-02	0.014214	0.000556	1.11E-06	0.000181	0.014953
2707	490660.04	3859110.04	0.12395	0.12106	0.08593	0.12327	1.12E-02	0.00051	1.6E-06	0.00029	0.01203	1.42E-02	0.000646	1.37E-06	0.000167	1.50E-02	0.013975	0.000556	1.12E-06	0.000177	0.014709
2708	490710.04	3859110.04	0.1225	0.1209	0.08626	0.12167	1.11E-02	0.00051	1.6E-06	0.00028	0.0119	1.40E-02	0.000646	1.37E-06	0.000165	1.48E-02	0.013812	0.000555	1.12E-06	0.000175	0.014543
2709	490760.04	3859110.04	0.12075	0.12064	0.08658	0.11929	1.09E-02	0.00051	1.6E-06	0.00028	0.01173	1.38E-02	0.000644	1.38E-06	0.000161	1.46E-02	0.013615	0.000554	1.12E-06	0.000171	0.014341
2710	490810.04	3859110.04	0.1187	0.11948	0.08682	0.11613	1.08E-02	0.00051	1.6E-06	0.00027	0.01153	1.36E-02	0.000638	1.38E-06	0.000157	1.44E-02	0.013383	0.000549	1.13E-06	0.000167	0.0141
2711	490860.04	3859110.04	0.11674	0.11864	0.08707	0.113	1.06E-02	0.0005	1.6E-06	0.00026	0.01134	1.34E-02	0.000633	1.38E-06	0.000153	1.41E-02	0.013162	0.000545	1.13E-06	0.000162	0.013871
2712	490360.04	3859160.04	0.12945	0.11219	0.07915	0.13	1.17E-02	0.00047	1.5E-06	0.0003	0.01251	1.48E-02	0.000599	1.26E-06	0.000176	1.56E-02	0.014595	0.000515	1.03E-06	0.000187	0.015298
2713	490410.04	3859160.04	0.12771	0.1134	0.07986	0.12865	1.16E-02	0.00048	1.5E-06	0.0003	0.01235	1.46E-02	0.000606	1.27E-06	0.000174	1.54E-02	0.014399	0.000521	1.04E-06	0.000185	0.015106
2714	490460.04	3859160.04	0.12601	0.11433	0.08046	0.12721	1.14E-02	0.00048	1.5E-06	0.00029	0.0122	1.44E-02	0.00061	1.28E-06	0.000172	1.52E-02	0.014208	0.000525	1.04E-06	0.000183	0.014916
2715	490510.04	3859160.04	0.12423	0.1151	0.08105	0.12543	1.13E-02	0.00049	1.5E-06	0.00029	0.01204	1.42E-02	0.000615	1.29E-06	0.00017	1.50E-02	0.014007	0.000529	1.05E-06	0.00018	0.014717
2716	490560.04	3859160.04	0.12213	0.11575	0.08165	0.12278	1.11E-02	0.00049	1.5E-06	0.00028	0.01184	1.40E-02	0.000618	1.3E-06	0.000166	1.48E-02	0.01377	0.000532	1.06E-06	0.000176	0.014479
2717	490610.04	3859160.04	0.12059	0.1161	0.08213	0.12105	1.09E-02	0.00049	1.5E-06	0.00028	0.0117	1.38E-02	0.00062	1.31E-06	0.000164	1.46E-02	0.013596	0.000533	1.07E-06	0.000174	0.014305
2718	490660.04	3859160.04	0.11771	0.11626	0.08263	0.11642	1.07E-02	0.00049	1.5E-06	0.00027	0.01143	1.35E-02	0.000621	1.31E-06	0.000157	1.42E-02	0.013272	0.000534	1.07E-06	0.000167	0.013974
2719	490710.04	3859160.04	0.11632	0.11624	0.08301	0.11467	1.05E-02	0.00049	1.6E-06	0.00027	0.0113	1.33E-02	0.000621	1.32E-06	0.000155	1.41E-02	0.013115	0.000534	1.08E-06	0.000165	0.013815
2720	490760.04	3859160.04	0.11403	0.11541	0.08334	0.11083	1.03E-02	0.00049	1.6E-06	0.00026	0.01108	1.30E-02	0.000616	1.32E-06	0.00015	1.38E-02	0.012857	0.00053	1.08E-06	0.000159	0.013547
2721	490810.04	3859160.04	0.11266	0.11496	0.08367	0.10885	1.02E-02	0.00049	1.6E-06	0.00025	0.01095	1.29E-02	0.000614	1.33E-06	0.000147	1.36E-02	0.012702	0.000528	1.09E-06	0.000156	0.013388
2722	490860.04	3859160.04	0.11115	0.1143	0.08391	0.10652	1.01E-02	0.00048	1.6E-06	0.00025	0.0108	1.27E-02	0.00061	1.33E-06	0.000144	1.35E-02	0.012532	0.000525	1.09E-06	0.000153	0.013211
2723	490360.04	3859210.04	0.12299	0.10668	0.07605	0.12395	1.11E-02	0.00045	1.4E-06	0.00029	0.01189	1.41E-02	0.00057	1.21E-06	0.000168	1.48E-02	0.013867	0.00049	9.87E-07	0.000178	0.014536
2724	490410.04	3859210.04	0.12195	0.10765	0.07655	0.1237	1.11E-02	0.00046	1.4E-06	0.00029	0.01179	1.39E-02	0.000575	1.22E-06	0.000167	1.47E-02	0.01375	0.000494	9.94E-07	0.000178	0.014423
2725	490460.04	3859210.04	0.11998	0.10901	0.07729	0.12158	1.09E-02	0.00046	1.4E-06	0.00028	0.01162	1.37E-02	0.000582	1.23E-06	0.000164	1.45E-02	0.013528	0.000501	1E-06	0.000175	0.014204
2726	490510.04	3859210.04	0.11834	0.10993	0.07787	0.11984	1.07E-02	0.00047	1.5E-06	0.00028	0.01147	1.35E-02	0.000587	1.24E-06	0.000162	1.43E-02	0.013343	0.000505	1.01E-06	0.000172	0.014021
2727	490560.04	3859210.04	0.11706	0.11056	0.07836	0.11865	1.06E-02	0.00047	1.5E-06	0.00027	0.01135	1.34E-02	0.00059	1.25E-06	0.00016	1.41E-02	0.013198	0.000508	1.02E-06	0.00017	0.013878
2728	490610.04	3859210.04	0.1154	0.11114	0.07887	0.11648	1.05E-02	0.00047	1.5E-06	0.00027	0.0112	1.32E-02	0.000593	1.25E-06	0.000157	1.40E-02	0.013011	0.00051	1.02E-06	0.000167	0.01369
2729	490660.04	3859210.04	0.11299	0.1115	0.07937	0.11263	1.02E-02	0.00047	1.5E-06	0.00026	0.01097	1.29E-02	0.000595	1.26E-06	0.000152	1.37E-02	0.01274	0.000512	1.03E-06	0.000162	0.013414
2730	490710.04	3859210.04	0.11143	0.11165	0.07978	0.11052	1.01E-02	0.00047	1.5E-06	0.00026	0.01083	1.27E-02	0.000596	1.27E-06	0.000149	1.35E-02	0.012564	0.000513	1.04E-06	0.000159	0.013236
2731	490760.04	3859210.04	0.10927	0.11105	0.08015	0.10655	9.90E-03	0.00047	1.5E-06	0.00025	0.01062	1.25E-02	0.000593	1.27E-06	0.000144	1.32E-02	0.01232	0.00051	1.04E-06	0.000153	0.012984
2732	490810.04	3859210.04	0.10872	0.11098	0.0805	0.1062	9.85E-03	0.00047	1.5E-06	0.00025	0.01057	1.24E-02	0.000593	1.28E-06	0.000144	1.32E-02	0.012258	0.00051	1.04E-06	0.000153	0.012921
2733	490860.04	3859210.04	0.10809	0.11081	0.08082	0.10563	9.80E-03	0.00047	1.5E-06	0.00024	0.01051	1.24E-02	0.000592	1.28E-06	0.000143	1.31E-02	0.012187	0.000509	1.05E-06	0.000152	0.012849
2734	490360.04	3859260.04	0.11675	0.10157	0.07328	0.11781	1.06E-02	0.00043	1.4E-06	0.00027	0.01128	1.34E-02	0.000542	1.16E-06	0.000159	1.41E-02	0.013164	0.000466	9.51E-07	0.000169	0.0138
2735	490410.04	3859260.04	0.11576	0.10264	0.07376	0.11749	1.05E-02	0.00043	1.4E-06	0.00027	0.0112	1.32E-02	0.000548	1.17E-06	0.000159	1.39E-02	0.013052	0.000471	9.57E-07	0.000169	0.013693
2736	490460.04	3859260.04	0.11488	0.10355	0.07419	0.11727	1.04E-02	0.00044	1.4E-06	0.00027	0.01112	1.31E-02	0.000553	1.18E-06	0.000159	1.39E-02	0.012953	0.000476	9.63E-07	0.000168	0.013598
2737	490510.04	3859260.04	0.11394	0.10437	0.07462	0.11686	1.03E-02	0.00044	1.4E-06	0.00027	0.01104	1.30E-02	0.000557	1.19E-06	0.000158	1.37E-02	0.012847	0.000479	9.69E-07	0.000168	0.013495
2738	490560.04	3859260.04	0.11262	0.1053	0.07517	0.11543	1.02E-02	0.00045	1.4E-06	0.00027	0.01092	1.29E-02	0.000562	1.19E-06	0.000156	1.36E-02	0.012698	0.000484	9.76E-07	0.000166	0.013348
2739	490610.04	3859260.04	0.11074	0.10618	0.07575	0.11271	1.00E-02	0.00045	1.4E-06	0.00026	0.01075	1.27E-02	0.000567	1.2E-06	0.000152	1.34E-02	0.012486	0.000488	9.83E-07	0.000162	0.013136
2740	490660.04	3859260.04	0.11013	0.1066	0.07614	0.11246	9.98E-03	0.00045	1.4E-06	0.00026	0.01069	1.26E-02	0.000569	1.21E-06	0.000152	1.33E-02	0.012417	0.00049	9.88E-07	0.000161	0.013069
2741	490710.04	3859260.04	0.10893	0.10703	0.07657	0.11106	9.87E-03	0.00045	1.4E-06	0.00026	0.01058	1.25E-02	0.000571	1.22E-06	0.00015	1.32E-02	0.012282	0.000492	9.94E-07	0.000159	0.012934

2742	490760.04	3859260.04	0.10695	0.10728	0.07703	0.10746	9.69E-03	0.00045	1.4E-06	0.00025	0.0104	1.22E-02	0.000573	1.22E-06	0.000145	1.30E-02	0.012059	0.000493	1E-06	0.000154	0.012707
2743	490810.04	3859260.04	0.10622	0.1074	0.0774	0.10664	9.63E-03	0.00045	1.4E-06	0.00025	0.01033	1.21E-02	0.000573	1.23E-06	0.000144	1.29E-02	0.011976	0.000493	1E-06	0.000153	0.012624
2744	490860.04	3859260.04	0.10547	0.10744	0.07776	0.10574	9.56E-03	0.00045	1.5E-06	0.00024	0.01026	1.21E-02	0.000574	1.24E-06	0.000143	1.28E-02	0.011892	0.000493	1.01E-06	0.000152	0.012538
2745	490360.04	3859310.04	0.11129	0.09642	0.07057	0.11263	1.01E-02	0.00041	1.3E-06	0.00026	0.01076	1.27E-02	0.000515	1.12E-06	0.000152	1.34E-02	0.012548	0.000443	9.16E-07	0.000162	0.013153
2746	490410.04	3859310.04	0.1105	0.09748	0.07099	0.11251	1.00E-02	0.00041	1.3E-06	0.00026	0.01069	1.26E-02	0.00052	1.13E-06	0.000152	1.33E-02	0.012459	0.000448	9.21E-07	0.000162	0.013069
2747	490460.04	3859310.04	0.10973	0.09845	0.07139	0.11238	9.94E-03	0.00042	1.3E-06	0.00026	0.01062	1.26E-02	0.000526	1.13E-06	0.000152	1.32E-02	0.012372	0.000452	9.27E-07	0.000161	0.012986
2748	490510.04	3859310.04	0.10907	0.09928	0.07177	0.11239	9.88E-03	0.00042	1.3E-06	0.00026	0.01057	1.25E-02	0.00053	1.14E-06	0.000152	1.32E-02	0.012298	0.000456	9.32E-07	0.000161	0.012916
2749	490560.04	3859310.04	0.10832	0.10009	0.07216	0.1121	9.82E-03	0.00042	1.4E-06	0.00026	0.0105	1.24E-02	0.000534	1.15E-06	0.000152	1.31E-02	0.012213	0.00046	9.37E-07	0.000161	0.012835
2750	490610.04	3859310.04	0.10765	0.10081	0.07256	0.11187	9.76E-03	0.00043	1.4E-06	0.00026	0.01044	1.23E-02	0.000538	1.15E-06	0.000151	1.30E-02	0.012138	0.000463	9.42E-07	0.000161	0.012762
2751	490660.04	3859310.04	0.10676	0.10152	0.07301	0.11103	9.67E-03	0.00043	1.4E-06	0.00026	0.01036	1.22E-02	0.000542	1.16E-06	0.00015	1.29E-02	0.012037	0.000466	9.48E-07	0.000159	0.012664
2752	490710.04	3859310.04	0.10514	0.10233	0.07356	0.10843	9.53E-03	0.00043	1.4E-06	0.00025	0.01021	1.20E-02	0.000546	1.17E-06	0.000147	1.27E-02	0.011854	0.00047	9.55E-07	0.000156	0.012481
2753	490760.04	3859310.04	0.10406	0.10282	0.07399	0.10693	9.43E-03	0.00043	1.4E-06	0.00025	0.01011	1.19E-02	0.000549	1.18E-06	0.000145	1.26E-02	0.011733	0.000472	9.6E-07	0.000154	0.012359
2754	490810.04	3859310.04	0.10338	0.10311	0.07438	0.10617	9.37E-03	0.00044	1.4E-06	0.00025	0.01005	1.18E-02	0.000551	1.18E-06	0.000144	1.25E-02	0.011656	0.000474	9.65E-07	0.000152	0.012283
2755	490860.04	3859310.04	0.10234	0.10333	0.07478	0.10454	9.27E-03	0.00044	1.4E-06	0.00024	0.00995	1.17E-02	0.000552	1.19E-06	0.000141	1.24E-02	0.011539	0.000475	9.71E-07	0.00015	0.012164
2756	490360.04	3859360.04	0.10616	0.09158	0.06807	0.10769	9.62E-03	0.00039	1.3E-06	0.00025	0.01026	1.21E-02	0.000489	1.08E-06	0.000146	1.28E-02	0.01197	0.000421	8.84E-07	0.000155	0.012546
2757	490410.04	3859360.04	0.10566	0.09245	0.06835	0.10799	9.58E-03	0.00039	1.3E-06	0.00025	0.01022	1.21E-02	0.000494	1.09E-06	0.000146	1.27E-02	0.011913	0.000425	8.87E-07	0.000155	0.012494
2758	490460.04	3859360.04	0.10517	0.09328	0.06863	0.10828	9.53E-03	0.00039	1.3E-06	0.00025	0.01018	1.20E-02	0.000498	1.09E-06	0.000146	1.27E-02	0.011858	0.000428	8.91E-07	0.000155	0.012443
2759	490510.04	3859360.04	0.10465	0.09414	0.06896	0.10847	9.48E-03	0.0004	1.3E-06	0.00025	0.01013	1.20E-02	0.000503	1.1E-06	0.000147	1.26E-02	0.011799	0.000432	8.95E-07	0.000156	0.012388
2760	490560.04	3859360.04	0.10398	0.09512	0.0694	0.10821	9.42E-03	0.0004	1.3E-06	0.00025	0.01008	1.19E-02	0.000508	1.1E-06	0.000146	1.25E-02	0.011724	0.000437	9.01E-07	0.000155	0.012317
2761	490610.04	3859360.04	0.10327	0.09602	0.06982	0.10782	9.36E-03	0.00041	1.3E-06	0.00025	0.01002	1.18E-02	0.000513	1.11E-06	0.000146	1.25E-02	0.011644	0.000441	9.06E-07	0.000155	0.01224
2762	490660.04	3859360.04	0.10262	0.09678	0.07021	0.10746	9.30E-03	0.00041	1.3E-06	0.00025	0.00996	1.17E-02	0.000517	1.12E-06	0.000145	1.24E-02	0.01157	0.000444	9.11E-07	0.000154	0.01217
2763	490710.04	3859360.04	0.10167	0.09757	0.07066	0.10633	9.21E-03	0.00041	1.3E-06	0.00025	0.00987	1.16E-02	0.000521	1.12E-06	0.000144	1.23E-02	0.011463	0.000448	9.17E-07	0.000153	0.012065
2764	490760.04	3859360.04	0.1006	0.09827	0.07112	0.10479	9.12E-03	0.00042	1.3E-06	0.00024	0.00978	1.15E-02	0.000525	1.13E-06	0.000142	1.22E-02	0.011343	0.000451	9.23E-07	0.00015	0.011945
2765	490810.04	3859360.04	0.10024	0.09868	0.07146	0.10475	9.08E-03	0.00042	1.3E-06	0.00024	0.00975	1.15E-02	0.000527	1.14E-06	0.000142	1.21E-02	0.011302	0.000453	9.28E-07	0.00015	0.011907
2766	490860.04	3859360.04	0.09949	0.09911	0.07187	0.10375	9.02E-03	0.00042	1.3E-06	0.00024	0.00968	1.14E-02	0.000529	1.14E-06	0.00014	1.21E-02	0.011217	0.000455	9.33E-07	0.000149	0.011823
2767	490360.04	3859410.04	0.10121	0.08705	0.0657	0.10296	9.17E-03	0.00037	1.2E-06	0.00024	0.00978	1.16E-02	0.000465	1.04E-06	0.000139	1.22E-02	0.011411	0.0004	8.53E-07	0.000148	0.01196
2768	490410.04	3859410.04	0.10092	0.08784	0.06594	0.10341	9.15E-03	0.00037	1.2E-06	0.00024	0.00976	1.15E-02	0.000469	1.05E-06	0.00014	1.22E-02	0.011379	0.000403	8.56E-07	0.000149	0.011931
2769	490460.04	3859410.04	0.10058	0.08864	0.06619	0.10378	9.11E-03	0.00037	1.2E-06	0.00024	0.00973	1.15E-02	0.000473	1.05E-06	0.00014	1.21E-02	0.01134	0.000407	8.59E-07	0.000149	0.011897
2770	490510.04	3859410.04	0.10019	0.08944	0.06646	0.10405	9.08E-03	0.00038	1.2E-06	0.00024	0.0097	1.15E-02	0.000478	1.06E-06	0.000141	1.21E-02	0.011296	0.000411	8.63E-07	0.000149	0.011857
2771	490560.04	3859410.04	0.09978	0.09028	0.06676	0.10428	9.04E-03	0.00038	1.2E-06	0.00024	0.00967	1.14E-02	0.000482	1.06E-06	0.000141	1.20E-02	0.01125	0.000415	8.67E-07	0.00015	0.011815
2772	490610.04	3859410.04	0.09935	0.09111	0.0671	0.1044	9.00E-03	0.00039	1.3E-06	0.00024	0.00963	1.14E-02	0.000486	1.07E-06	0.000141	1.20E-02	0.011202	0.000418	8.71E-07	0.00015	0.011771
2773	490660.04	3859410.04	0.09871	0.09209	0.06755	0.10396	8.95E-03	0.00039	1.3E-06	0.00024	0.00958	1.13E-02	0.000492	1.07E-06	0.000141	1.19E-02	0.01113	0.000423	8.77E-07	0.000149	0.011703
2774	490710.04	3859410.04	0.09806	0.09291	0.06795	0.1035	8.89E-03	0.00039	1.3E-06	0.00024	0.00952	1.12E-02	0.000496	1.08E-06	0.00014	1.19E-02	0.011056	0.000427	8.82E-07	0.000149	0.011632
2775	490760.04	3859410.04	0.09718	0.09375	0.06839	0.10234	8.81E-03	0.0004	1.3E-06	0.00024	0.00944	1.11E-02	0.000501	1.09E-06	0.000138	1.18E-02	0.010957	0.000431	8.88E-07	0.000147	0.011535
2776	490810.04	3859410.04	0.0968	0.09429	0.06873	0.10225	8.77E-03	0.0004	1.3E-06	0.00024	0.00941	1.11E-02	0.000503	1.09E-06	0.000138	1.17E-02	0.010914	0.000433	8.92E-07	0.000147	0.011495
2777	490860.04	3859410.04	0.09657	0.0947	0.06903	0.10249	8.75E-03	0.0004	1.3E-06	0.00024	0.00939	1.10E-02	0.000506	1.1E-06	0.000139	1.17E-02	0.010888	0.000435	8.96E-07	0.000147	0.011471
2778	490360.04	3859460.04	0.09651	0.08305	0.0636	0.09855	8.75E-03	0.00035	1.2E-06	0.00023	0.00933	1.10E-02	0.000443	1.01E-06	0.000133	1.16E-02	0.010881	0.000381	8.26E-07	0.000142	0.011405
2779	490410.04	3859460.04	0.09633	0.08377	0.06381	0.09885	8.73E-03	0.00035	1.2E-06	0.00023	0.00931	1.10E-02	0.000447	1.01E-06	0.000134	1.16E-02	0.010861	0.000385	8.28E-07	0.000142	0.011389
2780	490460.04	3859460.04	0.09611	0.08446	0.064	0.09926	8.71E-03	0.00036	1.2E-06	0.00023	0.0093	1.10E-02	0.000451	1.02E-06	0.000134	1.16E-02	0.010836	0.000388	8.31E-07	0.000143	0.011368
2781	490510.04	3859460.04	0.09588	0.08521	0.06423	0.09963	8.69E-03	0.00036	1.2E-06	0.00023	0.00928	1.10E-02	0.000455	1.02E-06	0.000135	1.16E-02	0.01081	0.000391	8.34E-07	0.000143	0.011346
2782	490560.04	3859460.04	0.09559	0.08592	0.06444	0.09997	8.66E-03	0.00036	1.2E-06	0.00023	0.00926	1.09E-02	0.000459	1.02E-06	0.000135	1.15E-02	0.010778	0.000395	8.36E-07	0.000144	0.011317
2783	490610.04	3859460.04	0.09526	0.08675	0.06474	0.10014	8.63E-03	0.00037	1.2E-06	0.00023	0.00923	1.09E-02	0.000463	1.03E-06	0.000135	1.15E-02	0.010741	0.000398	8.4E-07	0.000144	0.011284
2784	490660.04	3859460.04	0.09488	0.08761	0.06508	0.10018	8.60E-03	0.00037	1.2E-06	0.00023	0.0092	1.09E-02	0.000468	1.03E-06	0.000135	1.15E-02	0.010698	0.000402	8.45E-07	0.000144	0.011245
2785	490710.04	3859460.04	0.09452	0.08834	0.06538	0.10034	8.57E-03	0.00037	1.2E-06	0.00023	0.00917	1.08E-02	0.000472	1.04E-06	0.000136	1.14E-02	0.010657	0.000406	8.49E-07	0.000144	0.011208
2786	490760.04	3859460.04	0.09407	0.08917	0.06577	0.1001	8.52E-03	0.00038	1.2E-06	0.00023	0.00914	1.08E-02	0.000476	1.05E-06	0.000135	1.14E-02	0.010606	0.00041	8.54E-07	0.000144	0.01116
2787	490810.04	3859460.04	0.09358	0.08989	0.06612	0.09978	8.48E-03	0.00038	1.2E-06	0.00023	0.00909	1.07E-02	0.00048	1.05E-06	0.000135	1.13E-02	0.010551	0.000413	8.58E-07	0.000143	0.011108
2788	490860.04	3859460.04	0.09331	0.09041	0.06641	0.09995	8.46E-03	0.00038	1.2E-06	0.00023	0.00907	1.07E-02	0.000483	1.06E-06	0.000135	1.13E-02	0.010521	0.000415	8.62E-07	0.000144	0.01108
2789	490360.04	3859510.04	0.09189	0.07954	0.06173	0.09482	8.33E-03	0.00034	1.2E-06	0.00022	0.00888	1.05E-02	0.000425	9.81E-07	0.000128	1.11E-02	0.010361	0.000365	8.01E-07	0.000136	0.010863
2790	490410.04	3859510.04	0.09192	0.08005	0.06183	0.09522	8.33E-03	0.00034	1.2E-06	0.00022	0.00889	1.05E-02	0.000427	9.83E-07	0.000129	1.11E-02	0.010364	0.000368	8.03E-07	0.000137	0.010869
2791	490460.04	3859510.04	0.09184	0.08064	0.06197	0.0951	8.32E-03	0.00034	1.2E-06	0.00022	0.00889	1.05E-02	0.000431	9.85E-07	0.000129	1.11E-02	0.010355	0.00037	8.04E-07	0.000137	0.010863
2792	490510.04	3859510.04	0.09172	0.08127	0.06214	0.09544	8.31E-03	0.00034	1.2E-06	0.00022	0.00888	1.05E-02	0.000434	9.88E-07	0.000129	1.11E-02	0.010341	0.000373	8.07E-07	0.000137	0.010852
2793	490560.04	3859510.04	0.09155	0.08194	0.06233	0.09579	8.30E-03	0.00035	1.2E-06	0.00022	0.00887	1.05E-02	0.000438	9.91E-07	0.00013	1.10E-02	0.010322	0.000376	8.09E-07	0.000138	0.010837
2794	490610.04	3859510.04	0.09135	0.08267	0.06256	0.09605	8.28E-03	0.00035	1.2E-06	0.00022	0.00885	1.04E-02	0.000441	9.94E-07	0.00013	1.10E-02	0.0103	0.00038	8.12E-07	0.000138	0.010818
2795	490660.04	3859510.04	0.0911	0.08342	0.06281	0.09627	8.26E-03	0.00035	1.2E-06	0.00022	0.00883	1.04E-02	0.000445	9.98E-07	0.00013	1.10E-02	0.010271	0.000383	8.15E-07	0.000138	0.010794
2796	490710.04	3859510.04	0.09083	0.08421	0.06311	0.09642	8.23E-03	0.00036	1.2E-06	0.00022	0.00881	1.04E-02	0.00045	1E-06	0.00013	1.10E-02	0.010241	0.000387	8.19E-07	0.000138	0.010767
2797	490760.04	3859510.04	0.09054	0.08496	0.06341	0.09654	8.20E-03	0.00036	1.2E-06	0.00022	0.00879	1.04E-02	0.000454	1.01E-06	0.000131	1.09E-02	0.010208	0.00039	8.23E-07	0.000139	0.010738
2798	490810.04	3859510.04	0.09027	0.08562	0.06369	0.09673	8.18E-03	0.00036	1.2E-06	0.00022	0.00877	1.03E-02	0.000457	1.01E-06	0.000131	1.09E-02	0.010178	0.000393	8.27E-07	0.000139	0.010711
2799	490860.04	3859510.04	0.08994	0.0863	0.06401	0.09671	8.15E-03	0.00037	1.2E-06	0.00022	0.00874	1.03E-02	0.000461	1.02E-06	0.000131	1.09E-02	0.010141	0.000396	8.31E-07	0.000139	0.010677
2800	490360.04	3859560.04	0.08754	0.07638	0.06001	0.09104	7.93E-03	0.00032	1.1E-06	0.00021	0.00847	1.00E-02	0.000408	9.54E-07	0.000123	1.05E-02	0.00987	0.000351	7.79E-07	0.000131	0.010352
2801	490410.04	3859560.04	0.08757	0.07673	0.06002	0.09128	7.94E-03	0.00032	1.1E-06	0.00021	0.00847	1.00E-02	0.00041	9.54E-07	0.000123	1.06E-02	0.009873	0.000352	7.79E-07	0.000131	0.010358
2802	490460.04	3859560.04	0.08763	0.07719	0.06011	0.09161	7.94E-03	0.00033	1.1E-06	0.00021	0.00848	1.00E-02	0.000412	9.55E-07	0.000124	1.06E-02	0.00988	0.000354	7.8E-07	0.000132	0.010367

2803	490510.04	3859560.04	0.08774	0.07777	0.06026	0.09153	7.95E-03	0.00033	1.1E-06	0.00021	0.00849	1.00E-02	0.000415	9.58E-07	0.000124	1.06E-02	0.009893	0.000357	7.82E-07	0.000131	0.010382
2804	490560.04	3859560.04	0.08766	0.07829	0.06038	0.09189	7.94E-03	0.00033	1.1E-06	0.00021	0.00849	1.00E-02	0.000418	9.6E-07	0.000124	1.06E-02	0.009884	0.00036	7.84E-07	0.000132	0.010376
2805	490610.04	3859560.04	0.08757	0.07893	0.06056	0.09216	7.94E-03	0.00033	1.1E-06	0.00021	0.00848	1.00E-02	0.000421	9.62E-07	0.000125	1.06E-02	0.009873	0.000362	7.86E-07	0.000132	0.010369
2806	490660.04	3859560.04	0.08744	0.07958	0.06075	0.09244	7.92E-03	0.00034	1.1E-06	0.00021	0.00848	1.00E-02	0.000425	9.66E-07	0.000125	1.06E-02	0.009859	0.000365	7.89E-07	0.000133	0.010358
2807	490710.04	3859560.04	0.08727	0.08029	0.06098	0.09265	7.91E-03	0.00034	1.1E-06	0.00021	0.00846	9.98E-03	0.000429	9.69E-07	0.000125	1.05E-02	0.00984	0.000369	7.92E-07	0.000133	0.010342
2808	490760.04	3859560.04	0.08705	0.08108	0.06128	0.09274	7.89E-03	0.00034	1.1E-06	0.00021	0.00845	9.96E-03	0.000433	9.74E-07	0.000125	1.05E-02	0.009815	0.000372	7.95E-07	0.000133	0.010321
2809	490810.04	3859560.04	0.08682	0.08178	0.06154	0.09291	7.87E-03	0.00035	1.2E-06	0.00022	0.00843	9.93E-03	0.000437	9.78E-07	0.000126	1.05E-02	0.009789	0.000376	7.99E-07	0.000133	0.010299
2810	490860.04	3859560.04	0.08656	0.08249	0.06183	0.09297	7.84E-03	0.00035	1.2E-06	0.00022	0.00841	9.90E-03	0.00044	9.83E-07	0.000126	1.05E-02	0.00976	0.000379	8.03E-07	0.000134	0.010273
2811	490187.25	3859422.08	0.10063	0.08394	0.06475	0.10105	9.12E-03	0.00036	1.2E-06	0.00023	0.00971	1.15E-02	0.000448	1.03E-06	0.000137	1.21E-02	0.011346	0.000385	8.4E-07	0.000145	0.011877
2812	490237.25	3859422.08	0.10056	0.08446	0.06482	0.10141	9.11E-03	0.00036	1.2E-06	0.00023	0.00971	1.15E-02	0.000451	1.03E-06	0.000137	1.21E-02	0.011338	0.000388	8.41E-07	0.000146	0.011872
2813	490287.25	3859422.08	0.10041	0.08502	0.06491	0.10132	9.10E-03	0.00036	1.2E-06	0.00023	0.00969	1.15E-02	0.000454	1.03E-06	0.000137	1.21E-02	0.011321	0.00039	8.43E-07	0.000146	0.011858
2814	490337.25	3859422.08	0.10017	0.08576	0.06511	0.10165	9.08E-03	0.00036	1.2E-06	0.00024	0.00968	1.15E-02	0.000458	1.03E-06	0.000137	1.21E-02	0.011294	0.000394	8.45E-07	0.000146	0.011835
2815	490187.25	3859472.08	0.09552	0.0807	0.06302	0.09695	8.66E-03	0.00034	1.2E-06	0.00022	0.00922	1.09E-02	0.000431	1E-06	0.000131	1.15E-02	0.01077	0.000371	8.18E-07	0.000139	0.01128
2816	490237.25	3859472.08	0.09548	0.081	0.06298	0.09714	8.65E-03	0.00034	1.2E-06	0.00022	0.00922	1.09E-02	0.000433	1E-06	0.000131	1.15E-02	0.010765	0.000372	8.18E-07	0.000139	0.011278
2817	490287.25	3859472.08	0.09551	0.0815	0.06306	0.09741	8.66E-03	0.00034	1.2E-06	0.00023	0.00923	1.09E-02	0.000435	1E-06	0.000132	1.15E-02	0.010769	0.000374	8.19E-07	0.00014	0.011284
2818	490337.25	3859472.08	0.09546	0.08196	0.06311	0.09781	8.65E-03	0.00035	1.2E-06	0.00023	0.00923	1.09E-02	0.000438	1E-06	0.000132	1.15E-02	0.010763	0.000376	8.19E-07	0.00014	0.011281
2819	490297.07	3859500.42	0.0928	0.07969	0.06205	0.09519	8.41E-03	0.00034	1.2E-06	0.00022	0.00897	1.06E-02	0.000426	9.86E-07	0.000129	1.12E-02	0.010463	0.000366	8.05E-07	0.000137	0.010967
2820	490327.07	3859500.42	0.09273	0.07983	0.062	0.09538	8.40E-03	0.00034	1.2E-06	0.00022	0.00896	1.06E-02	0.000426	9.85E-07	0.000129	1.12E-02	0.010455	0.000367	8.05E-07	0.000137	0.01096
2821	490297.07	3859530.42	0.09003	0.07772	0.06097	0.09295	8.16E-03	0.00033	1.1E-06	0.00022	0.0087	1.03E-02	0.000415	9.69E-07	0.000126	1.08E-02	0.010151	0.000357	7.91E-07	0.000133	0.010642
2822	490327.07	3859530.42	0.09005	0.07793	0.06097	0.09306	8.16E-03	0.00033	1.1E-06	0.00022	0.00871	1.03E-02	0.000416	9.69E-07	0.000126	1.08E-02	0.010153	0.000358	7.91E-07	0.000134	0.010645
2823	490319.73	3859055.34	0.14571	0.12317	0.08565	0.1449	1.32E-02	0.00052	1.6E-06	0.00034	0.01406	1.67E-02	0.000658	1.36E-06	0.000196	1.75E-02	0.016429	0.000566	1.11E-06	0.000208	0.017204
2824	490319.73	3859105.34	0.13834	0.11745	0.0822	0.13782	1.25E-02	0.0005	1.5E-06	0.00032	0.01335	1.58E-02	0.000627	1.31E-06	0.000186	1.66E-02	0.015598	0.000539	1.07E-06	0.000198	0.016336
2825	490069.73	3859155.34	0.13729	0.10643	0.07664	0.12986	1.24E-02	0.00045	1.4E-06	0.0003	0.01319	1.57E-02	0.000568	1.22E-06	0.000176	1.64E-02	0.015479	0.000489	9.95E-07	0.000186	0.016156
2826	490119.73	3859155.34	0.13616	0.1074	0.07696	0.13058	1.23E-02	0.00045	1.4E-06	0.0003	0.0131	1.56E-02	0.000573	1.22E-06	0.000177	1.63E-02	0.015352	0.000493	9.99E-07	0.000188	0.016034
2827	490269.73	3859155.34	0.13274	0.11036	0.0782	0.13184	1.20E-02	0.00047	1.5E-06	0.00031	0.0128	1.52E-02	0.000589	1.24E-06	0.000178	1.60E-02	0.014966	0.000507	1.02E-06	0.000189	0.015664
2828	490319.73	3859155.34	0.13135	0.11166	0.07887	0.13135	1.19E-02	0.00047	1.5E-06	0.0003	0.01268	1.50E-02	0.000596	1.25E-06	0.000178	1.58E-02	0.01481	0.000513	1.02E-06	0.000189	0.015512
2829	490069.73	3859205.34	0.12928	0.10082	0.07382	0.12313	1.17E-02	0.00043	1.4E-06	0.00029	0.01243	1.48E-02	0.000538	1.17E-06	0.000166	1.55E-02	0.014576	0.000463	9.58E-07	0.000177	0.015217
2830	490119.73	3859205.34	0.12842	0.10149	0.07395	0.12407	1.16E-02	0.00043	1.4E-06	0.00029	0.01236	1.47E-02	0.000542	1.18E-06	0.000168	1.54E-02	0.014479	0.000466	9.6E-07	0.000178	0.015125
2831	490169.73	3859205.34	0.12758	0.10248	0.07428	0.12472	1.16E-02	0.00043	1.4E-06	0.00029	0.01229	1.46E-02	0.000547	1.18E-06	0.000169	1.53E-02	0.014385	0.000471	9.64E-07	0.000179	0.015035
2832	490219.73	3859205.34	0.12666	0.10373	0.07478	0.12497	1.15E-02	0.00044	1.4E-06	0.00029	0.01221	1.45E-02	0.000554	1.19E-06	0.000169	1.52E-02	0.014281	0.000476	9.71E-07	0.000179	0.014938
2833	490269.73	3859205.34	0.12554	0.10516	0.0754	0.12479	1.14E-02	0.00044	1.4E-06	0.00029	0.01211	1.44E-02	0.000562	1.2E-06	0.000169	1.51E-02	0.014155	0.000483	9.79E-07	0.000179	0.014818
2834	490319.73	3859205.34	0.12454	0.10622	0.07586	0.12486	1.13E-02	0.00045	1.4E-06	0.00029	0.01203	1.42E-02	0.000567	1.21E-06	0.000169	1.50E-02	0.014042	0.000488	9.85E-07	0.000179	0.01471
2835	490069.73	3859255.34	0.12191	0.09602	0.07143	0.11662	1.10E-02	0.00041	1.3E-06	0.00027	0.01173	1.39E-02	0.000513	1.14E-06	0.000158	1.46E-02	0.013745	0.000441	9.27E-07	0.000167	0.014355
2836	490119.73	3859255.34	0.12125	0.09663	0.07151	0.11748	1.10E-02	0.00041	1.3E-06	0.00027	0.01167	1.39E-02	0.000516	1.14E-06	0.000159	1.45E-02	0.013671	0.000444	9.28E-07	0.000169	0.014284
2837	490169.73	3859255.34	0.12055	0.09747	0.07173	0.11817	1.09E-02	0.00041	1.3E-06	0.00027	0.01161	1.38E-02	0.00052	1.14E-06	0.00016	1.45E-02	0.013592	0.000448	9.31E-07	0.00017	0.01421
2838	490219.73	3859255.34	0.11987	0.09861	0.07215	0.11855	1.09E-02	0.00042	1.4E-06	0.00027	0.01156	1.37E-02	0.000527	1.15E-06	0.00016	1.44E-02	0.013515	0.000453	9.37E-07	0.00017	0.014139
2839	490269.73	3859255.34	0.11909	0.09984	0.07263	0.11874	1.08E-02	0.00042	1.4E-06	0.00028	0.01149	1.36E-02	0.000533	1.15E-06	0.000161	1.43E-02	0.013427	0.000459	9.43E-07	0.000171	0.014057
2840	490319.73	3859255.34	0.11828	0.10087	0.07301	0.11892	1.07E-02	0.00043	1.4E-06	0.00028	0.01142	1.35E-02	0.000539	1.16E-06	0.000161	1.42E-02	0.013336	0.000463	9.48E-07	0.000171	0.013971
2841	490069.73	3859305.34	0.11519	0.09181	0.06934	0.11145	1.04E-02	0.00039	1.3E-06	0.00026	0.01109	1.32E-02	0.00049	1.1E-06	0.000151	1.38E-02	0.012988	0.000422	9E-07	0.00016	0.01357
2842	490119.73	3859305.34	0.11467	0.09221	0.0693	0.1121	1.04E-02	0.00039	1.3E-06	0.00026	0.01104	1.31E-02	0.000492	1.1E-06	0.000152	1.38E-02	0.012929	0.000423	9E-07	0.000161	0.013514
2843	490169.73	3859305.34	0.11413	0.09285	0.0694	0.11218	1.03E-02	0.00039	1.3E-06	0.00026	0.011	1.31E-02	0.000496	1.1E-06	0.000152	1.37E-02	0.012868	0.000426	9.01E-07	0.000161	0.013457
2844	490219.73	3859305.34	0.1136	0.09379	0.06968	0.11264	1.03E-02	0.0004	1.3E-06	0.00026	0.01095	1.30E-02	0.000501	1.11E-06	0.000152	1.36E-02	0.012808	0.000431	9.04E-07	0.000162	0.013402
2845	490269.73	3859305.34	0.11307	0.0948	0.07003	0.11304	1.02E-02	0.0004	1.3E-06	0.00026	0.01091	1.29E-02	0.000506	1.11E-06	0.000153	1.36E-02	0.012749	0.000435	9.09E-07	0.000162	0.013347
2846	490319.73	3859305.34	0.11243	0.09595	0.07046	0.1132	1.02E-02	0.00041	1.3E-06	0.00026	0.01086	1.29E-02	0.000512	1.12E-06	0.000153	1.35E-02	0.012676	0.000441	9.15E-07	0.000163	0.013281
2847	490069.73	3859355.34	0.10875	0.08785	0.06731	0.10632	9.86E-03	0.00037	1.3E-06	0.00025	0.01047	1.24E-02	0.000469	1.07E-06	0.000144	1.31E-02	0.012262	0.000403	8.74E-07	0.000153	0.012819
2848	490119.73	3859355.34	0.10837	0.0881	0.0672	0.10679	9.82E-03	0.00037	1.3E-06	0.00025	0.01044	1.24E-02	0.00047	1.07E-06	0.000144	1.30E-02	0.012219	0.000405	8.72E-07	0.000153	0.012777
2849	490169.73	3859355.34	0.10812	0.08862	0.06725	0.10729	9.80E-03	0.00037	1.3E-06	0.00025	0.01042	1.24E-02	0.000473	1.07E-06	0.000145	1.30E-02	0.01219	0.000407	8.73E-07	0.000154	0.012752
2850	490219.73	3859355.34	0.10781	0.08938	0.06743	0.10722	9.77E-03	0.00038	1.3E-06	0.00025	0.0104	1.23E-02	0.000477	1.07E-06	0.000145	1.30E-02	0.012156	0.00041	8.75E-07	0.000154	0.012721
2851	490269.73	3859355.34	0.10743	0.09019	0.06765	0.10767	9.74E-03	0.00038	1.3E-06	0.00025	0.01037	1.23E-02	0.000482	1.08E-06	0.000146	1.29E-02	0.012113	0.000414	8.78E-07	0.000155	0.012682
2852	490319.73	3859355.34	0.10703	0.09117	0.06799	0.10799	9.70E-03	0.00039	1.3E-06	0.00025	0.01034	1.22E-02	0.000487	1.08E-06	0.000146	1.29E-02	0.012068	0.000419	8.83E-07	0.000155	0.012642
2853	490069.73	3859405.34	0.1028	0.08439	0.06551	0.10192	9.32E-03	0.00036	1.2E-06	0.00024	0.00991	1.18E-02	0.000451	1.04E-06	0.000138	1.23E-02	0.011591	0.000388	8.5E-07	0.000146	0.012125
2854	490119.73	3859405.34	0.10261	0.08454	0.06535	0.10212	9.30E-03	0.00036	1.2E-06	0.00024	0.00989	1.17E-02	0.000451	1.04E-06	0.000138	1.23E-02	0.011569	0.000388	8.48E-07	0.000147	0.012105
2855	490169.73	3859405.34	0.10246	0.08494	0.06535	0.10243	9.29E-03	0.00036	1.2E-06	0.00024	0.00988	1.17E-02	0.000454	1.04E-06	0.000138	1.23E-02	0.011552	0.00039	8.48E-07	0.000147	0.01209
2856	490219.73	3859405.34	0.10235	0.08545	0.0654	0.10282	9.28E-03	0.00036	1.2E-06	0.00024	0.00988	1.17E-02	0.000456	1.04E-06	0.000139	1.23E-02	0.01154	0.000392	8.49E-07	0.000148	0.012081
2857	490269.73	3859405.34	0.10217	0.08611	0.06555	0.10268	9.26E-03	0.00036	1.2E-06	0.00024	0.00986	1.17E-02	0.00046	1.04E-06	0.000139	1.23E-02	0.01152	0.000395	8.51E-07	0.000147	0.012063
2858	490319.73	3859405.34	0.1019	0.08689	0.06577	0.10301	9.23E-03	0.00037	1.2E-06	0.00024	0.00984	1.17E-02	0.000464	1.05E-06	0.000139	1.23E-02	0.011489	0.000399	8.54E-07	0.000148	0.012037
2859	490161.89	3859541.83	0.08882	0.07671	0.06093	0.09211	8.05E-03	0.00032	1.1E-06	0.00021	0.00859	1.02E-02	0.00041	9.68E-07	0.000125	1.07E-02	0.010014	0.000352	7.91E-07	0.000132	0.0105
2860	490171.89	3859541.83	0.08885	0.07673	0.06091	0.09209	8.05E-03	0.00032	1.1E-06	0.00021	0.00859	1.02E-02	0.00041	9.68E-07	0.000125	1.07E-02	0.010018	0.000352	7.91E-07	0.000132	0.010503
2861	490161.89	3859551.83	0.08793	0.07623	0.06066	0.0915	7.97E-03	0.00032	1.1E-06	0.00021	0.0085	1.01E-02	0.000407	9.64E-07	0.000124	1.06E-02	0.009914	0.00035	7.87E-07	0.000131	0.010396
2862	490171.89	3859551.83	0.08796	0.07623	0.06063	0.09147	7.97E-03	0.00032	1.1E-06	0.00021	0.00851	1.01E-02	0.000407	9.64E-07	0.000124	1.06E-02	0.009917	0.00035	7.87E-07	0.000131	0.0104
2863	489799.72	3859348.21	0.11048	0.08788	0.06859	0.1066	1.00E-02	0.00037	1.3E-06	0.00025	0.01063	1.26E-02	0.000469	1.09E-06	0.000144	1.33E-02	0.012457	0.000404	8.9E-07	0.000153	0.013014

2864	489819.72	3859348.21	0.11047	0.08778	0.06844	0.10644	1.00E-02	0.00037	1.3E-06	0.00025	0.01063	1.26E-02	0.000469	1.09E-06	0.000144	1.32E-02	0.012455	0.000403	8.88E-07	0.000153	0.013012
2865	489799.72	3859368.21	0.10766	0.0868	0.06801	0.10525	9.76E-03	0.00037	1.3E-06	0.00024	0.01037	1.23E-02	0.000463	1.08E-06	0.000142	1.29E-02	0.012139	0.000399	8.83E-07	0.000151	0.012689
2866	489819.72	3859368.21	0.10771	0.08675	0.06789	0.10507	9.76E-03	0.00037	1.3E-06	0.00024	0.01037	1.23E-02	0.000463	1.08E-06	0.000142	1.29E-02	0.012144	0.000398	8.81E-07	0.000151	0.012694
2867	489775.41	3859329.72	0.11316	0.08891	0.06924	0.10812	1.03E-02	0.00038	1.3E-06	0.00025	0.01088	1.29E-02	0.000475	1.1E-06	0.000146	1.36E-02	0.012759	0.000408	8.99E-07	0.000155	0.013323
2868	489795.41	3859329.72	0.11314	0.08882	0.0691	0.10795	1.03E-02	0.00038	1.3E-06	0.00025	0.01088	1.29E-02	0.000474	1.1E-06	0.000146	1.36E-02	0.012756	0.000408	8.97E-07	0.000155	0.01332
2869	489775.41	3859349.72	0.11022	0.08787	0.06868	0.10672	9.99E-03	0.00037	1.3E-06	0.00025	0.01061	1.26E-02	0.000469	1.09E-06	0.000144	1.32E-02	0.012427	0.000404	8.91E-07	0.000153	0.012985
2870	489795.41	3859349.72	0.11027	0.08782	0.06858	0.10653	9.99E-03	0.00037	1.3E-06	0.00025	0.01061	1.26E-02	0.000469	1.09E-06	0.000144	1.32E-02	0.012433	0.000403	8.9E-07	0.000153	0.01299
2871	489595.05	3859219.43	0.13327	0.09556	0.07349	0.11787	1.21E-02	0.0004	1.4E-06	0.00027	0.01276	1.52E-02	0.00051	1.17E-06	0.000159	1.59E-02	0.015026	0.000439	9.54E-07	0.000169	0.015635
2872	489615.05	3859219.43	0.13321	0.09559	0.07344	0.11772	1.21E-02	0.0004	1.4E-06	0.00027	0.01275	1.52E-02	0.00051	1.17E-06	0.000159	1.59E-02	0.015019	0.000439	9.53E-07	0.000169	0.015628
2873	489595.05	3859239.43	0.12901	0.09441	0.07288	0.11634	1.17E-02	0.0004	1.4E-06	0.00027	0.01236	1.48E-02	0.000504	1.16E-06	0.000157	1.54E-02	0.014546	0.000434	9.46E-07	0.000167	0.015147
2874	489615.05	3859239.43	0.12902	0.09442	0.07282	0.11613	1.17E-02	0.0004	1.4E-06	0.00027	0.01236	1.48E-02	0.000504	1.16E-06	0.000157	1.54E-02	0.014547	0.000434	9.45E-07	0.000167	0.015148
2875	489372.4	3859092.58	0.17332	0.10318	0.07811	0.13025	1.57E-02	0.00044	1.5E-06	0.0003	0.01645	1.98E-02	0.000551	1.24E-06	0.000176	2.06E-02	0.019542	0.000474	1.01E-06	0.000187	0.020204
2876	489422.4	3859092.58	0.17154	0.1027	0.07761	0.12924	1.55E-02	0.00043	1.5E-06	0.0003	0.01628	1.96E-02	0.000548	1.23E-06	0.000175	2.03E-02	0.019341	0.000472	1.01E-06	0.000186	0.019999
2877	489372.4	3859142.58	0.15494	0.10136	0.07749	0.12747	1.40E-02	0.00043	1.5E-06	0.0003	0.01477	1.77E-02	0.000541	1.23E-06	0.000172	1.84E-02	0.017469	0.000465	1.01E-06	0.000183	0.018119
2878	489422.4	3859142.58	0.15456	0.10054	0.0767	0.12598	1.40E-02	0.00043	1.4E-06	0.00029	0.01473	1.77E-02	0.000537	1.22E-06	0.00017	1.84E-02	0.017427	0.000462	9.96E-07	0.000181	0.01807
2879	488870.84	3858666.64	0.69692	0.15506	0.10686	0.22502	6.32E-02	0.00066	2E-06	0.00052	0.06434	7.97E-02	0.000828	1.7E-06	0.000304	8.08E-02	0.078577	0.000712	1.39E-06	0.000323	0.079614
2880	488900.84	3858666.64	0.6516	0.15096	0.10361	0.21929	5.90E-02	0.00064	1.9E-06	0.00051	0.0602	7.45E-02	0.000806	1.65E-06	0.000297	7.56E-02	0.073468	0.000693	1.34E-06	0.000315	0.074477
2881	488870.84	3858696.64	0.75787	0.15163	0.10563	0.21696	6.87E-02	0.00064	2E-06	0.0005	0.06983	8.67E-02	0.00081	1.68E-06	0.000293	8.78E-02	0.08545	0.000696	1.37E-06	0.000312	0.086459
2882	488900.84	3858696.64	0.70425	0.15049	0.10461	0.21504	6.38E-02	0.00064	2E-06	0.0005	0.06496	8.06E-02	0.000804	1.66E-06	0.000291	8.16E-02	0.079404	0.000691	1.36E-06	0.000309	0.080405
2883	488889.67	3858683.97	0.69866	0.15232	0.10549	0.21897	6.33E-02	0.00064	2E-06	0.00051	0.06447	7.99E-02	0.000813	1.68E-06	0.000296	8.10E-02	0.078774	0.0007	1.37E-06	0.000314	0.079789
2884	488919.67	3858683.97	0.6527	0.14817	0.10222	0.21328	5.91E-02	0.00063	1.9E-06	0.00049	0.06027	7.47E-02	0.000791	1.62E-06	0.000288	7.57E-02	0.073592	0.00068	1.33E-06	0.000306	0.07458
2885	488889.67	3858713.97	0.76024	0.14907	0.10432	0.21151	6.89E-02	0.00063	2E-06	0.00049	0.07002	8.70E-02	0.000796	1.66E-06	0.000286	8.80E-02	0.085717	0.000685	1.35E-06	0.000304	0.086706
2886	488919.67	3858713.97	0.70541	0.14789	0.10329	0.20956	6.39E-02	0.00063	1.9E-06	0.00049	0.06504	8.07E-02	0.00079	1.64E-06	0.000283	8.18E-02	0.079535	0.000679	1.34E-06	0.000301	0.080516
2887	488906.61	3858703.33	0.70737	0.14955	0.10416	0.21304	6.41E-02	0.00063	1.9E-06	0.00049	0.06523	8.09E-02	0.000799	1.66E-06	0.000288	8.20E-02	0.079756	0.000687	1.35E-06	0.000306	0.08075
2888	488936.61	3858703.33	0.6593	0.14622	0.1015	0.20822	5.97E-02	0.00062	1.9E-06	0.00048	0.06085	7.54E-02	0.000781	1.61E-06	0.000282	7.65E-02	0.074336	0.000671	1.32E-06	0.000299	0.075308
2889	488906.61	3858733.33	0.76979	0.14652	0.10305	0.20586	6.98E-02	0.00062	1.9E-06	0.00048	0.07086	8.80E-02	0.000782	1.64E-06	0.000278	8.91E-02	0.086794	0.000673	1.34E-06	0.000296	0.087763
2890	488936.61	3858733.33	0.71244	0.1454	0.10208	0.20409	6.46E-02	0.00062	1.9E-06	0.00047	0.06565	8.15E-02	0.000776	1.62E-06	0.000276	8.25E-02	0.080327	0.000668	1.33E-06	0.000293	0.08129
2891	488637.63	3858467.85	0.69021	0.19513	0.12624	0.33087	6.25E-02	0.00083	2.4E-06	0.00077	0.06414	7.89E-02	0.001042	2.01E-06	0.000447	8.04E-02	0.077821	0.000896	1.64E-06	0.000475	0.079194
2892	488662.63	3858467.85	0.65956	0.19403	0.12507	0.32931	5.98E-02	0.00082	2.3E-06	0.00076	0.06136	7.54E-02	0.001036	1.99E-06	0.000445	7.69E-02	0.074365	0.000891	1.62E-06	0.000473	0.075731
2893	488637.63	3858492.85	0.73352	0.18935	0.12399	0.31316	6.65E-02	0.0008	2.3E-06	0.00073	0.068	8.39E-02	0.001011	1.97E-06	0.000423	8.53E-02	0.082704	0.00087	1.61E-06	0.00045	0.084025
2894	488662.63	3858492.85	0.69786	0.18912	0.12354	0.31277	6.32E-02	0.0008	2.3E-06	0.00072	0.06477	7.98E-02	0.00101	1.96E-06	0.000423	8.13E-02	0.078683	0.000869	1.6E-06	0.000449	0.080003
2895	488687.63	3858492.85	0.66548	0.18824	0.12253	0.31118	6.03E-02	0.0008	2.3E-06	0.00072	0.06183	7.61E-02	0.001005	1.95E-06	0.000421	7.75E-02	0.075033	0.000864	1.59E-06	0.000447	0.076346
2896	488637.63	3858517.85	0.78605	0.18356	0.12153	0.29708	7.12E-02	0.00078	2.3E-06	0.00069	0.0727	8.99E-02	0.00098	1.93E-06	0.000402	9.13E-02	0.088627	0.000843	1.58E-06	0.000427	0.089898
2897	488662.63	3858517.85	0.74338	0.18368	0.12138	0.29703	6.74E-02	0.00078	2.3E-06	0.00069	0.06883	8.50E-02	0.000981	1.93E-06	0.000402	8.64E-02	0.083816	0.000844	1.58E-06	0.000427	0.085087
2898	488687.63	3858517.85	0.7059	0.18346	0.12096	0.29659	6.40E-02	0.00078	2.3E-06	0.00069	0.06544	8.07E-02	0.00098	1.92E-06	0.000401	8.21E-02	0.07959	0.000843	1.57E-06	0.000426	0.08086
2899	488194.42	3857168.98	0.71895	1.98665	0.88429	1.02319	6.52E-02	0.0084	1.7E-05	0.00237	0.07594	8.22E-02	0.010608	1.41E-05	0.001383	9.42E-02	0.081061	0.009123	1.15E-05	0.001469	0.091666
2900	488244.42	3857168.98	0.69606	1.86522	0.84793	1.01361	6.31E-02	0.00789	1.6E-05	0.00235	0.07333	7.96E-02	0.009959	1.35E-05	0.001371	9.10E-02	0.078481	0.008566	1.1E-05	0.001456	0.088513
2901	488294.42	3857168.98	0.67538	1.75955	0.8156	0.99653	6.12E-02	0.00744	1.5E-05	0.00231	0.07097	7.72E-02	0.009395	1.3E-05	0.001347	8.80E-02	0.076149	0.008081	1.06E-05	0.001431	0.085671
2902	488244.42	3857218.98	0.70132	1.9908	0.83165	1.04542	6.36E-02	0.00842	1.6E-05	0.00242	0.07441	8.02E-02	0.01063	1.32E-05	0.001414	9.23E-02	0.079074	0.009142	1.08E-05	0.001501	0.089728
2903	488294.42	3857218.98	0.6799	1.86502	0.79942	1.0298	6.16E-02	0.00789	1.5E-05	0.00239	0.0719	7.78E-02	0.009958	1.27E-05	0.001392	8.91E-02	0.076658	0.008565	1.04E-05	0.001479	0.086713
2904	488294.42	3857268.98	0.68521	1.93257	0.782	1.06825	6.21E-02	0.00818	1.5E-05	0.00247	0.07276	7.84E-02	0.010319	1.24E-05	0.001444	9.01E-02	0.077257	0.008875	1.02E-05	0.001534	0.087676
2905	488139.13	3857111.68	0.73965	1.89187	0.94537	1.00195	6.70E-02	0.008	1.8E-05	0.00232	0.07737	8.46E-02	0.010102	1.5E-05	0.001355	9.61E-02	0.083395	0.008688	1.23E-05	0.001439	0.093535
2906	488189.13	3857111.68	0.71536	1.78771	0.90442	0.99649	6.48E-02	0.00756	1.7E-05	0.00231	0.07472	8.18E-02	0.009546	1.44E-05	0.001347	9.27E-02	0.080657	0.00821	1.17E-05	0.001431	0.090309
2907	488189.13	3857161.68	0.72053	1.97453	0.89045	1.02067	6.53E-02	0.00835	1.7E-05	0.00236	0.07603	8.24E-02	0.010543	1.42E-05	0.00138	9.44E-02	0.08124	0.009068	1.16E-05	0.001466	0.091785
2908	487951.04	3856961.26	0.83291	1.34139	1.14566	0.96729	7.55E-02	0.00567	2.1E-05	0.00224	0.08342	9.53E-02	0.007162	1.82E-05	0.001308	1.04E-01	0.09391	0.00616	1.49E-05	0.001389	0.101474
2909	488001.04	3856961.26	0.80349	1.32021	1.09551	0.95119	7.28E-02	0.00559	2.1E-05	0.0022	0.08062	9.19E-02	0.007049	1.74E-05	0.001286	1.00E-01	0.090593	0.006063	1.42E-05	0.001366	0.098036
2910	488051.04	3856961.26	0.77747	1.30123	1.05139	0.92696	7.05E-02	0.0055	2E-05	0.00215	0.07813	8.89E-02	0.006948	1.67E-05	0.001253	9.71E-02	0.087659	0.005976	1.36E-05	0.001331	0.09498
2911	488101.04	3856961.26	0.74972	1.26833	1.00468	0.92569	6.79E-02	0.00537	1.9E-05	0.00214	0.07547	8.58E-02	0.006772	1.6E-05	0.001252	9.38E-02	0.084531	0.005825	1.3E-05	0.001329	0.091698
2912	487951.04	3857011.26	0.83269	1.62112	1.1409	1.0114	7.55E-02	0.00686	2.1E-05	0.00234	0.08468	9.52E-02	0.008656	1.81E-05	0.001368	1.05E-01	0.093886	0.007445	1.48E-05	0.001452	0.102798
2913	488001.04	3857011.26	0.80541	1.58391	1.09252	0.98203	7.30E-02	0.0067	2E-05	0.00227	0.08198	9.21E-02	0.008457	1.74E-05	0.001328	1.02E-01	0.09081	0.007274	1.42E-05	0.00141	0.099508
2914	488051.04	3857011.26	0.77948	1.54327	1.04724	0.95734	7.06E-02	0.00653	2E-05	0.00222	0.0794	8.92E-02	0.00824	1.66E-05	0.001294	9.87E-02	0.087886	0.007087	1.36E-05	0.001375	0.096362
2915	488101.04	3857011.26	0.75203	1.48819	0.99984	0.95518	6.82E-02	0.0063	1.9E-05	0.00221	0.07668	8.60E-02	0.007946	1.59E-05	0.001292	9.53E-02	0.084791	0.006834	1.3E-05	0.001372	0.09301
2916	488001.04	3857061.26	0.8064	1.87209	1.08181	1.01978	7.31E-02	0.00792	2E-05	0.00236	0.08338	9.22E-02	0.009996	1.72E-05	0.001379	1.04E-01	0.090921	0.008597	1.4E-05	0.001464	0.100997
2917	488051.04	3857061.26	0.77979	1.79777	1.03431	1.00135	7.07E-02	0.00761	1.9E-05	0.00232	0.08061	8.92E-02	0.009599	1.64E-05	0.001354	1.00E-01	0.087921	0.008256	1.34E-05	0.001438	0.097629
2918	488101.04	3857061.26	0.75394	1.72172	0.98927	0.98836	6.83E-02	0.00728	1.9E-05	0.00229	0.07792	8.62E-02	0.009193	1.57E-05	0.001336	9.68E-02	0.085006	0.007907	1.28E-05	0.001419	0.094345
2919	487638.98	3856673.79	0.98553	0.38481	1.33235	0.84991	8.93E-02	0.00163	2.5E-05	0.00197	0.09293	1.13E-01	0.002055	2.12E-05	0.001149	1.16E-01	0.111118	0.001767	1.73E-05	0.001221	0.114123
2920	487688.98	3856673.79	0.94854	0.39726	1.28176	0.83631	8.60E-02	0.00168	2.4E-05	0.00194	0.0896	1.08E-01	0.002121	2.04E-05	0.001131	1.12E-01	0.106948	0.001824	1.66E-05	0.001201	0.10999
2921	487638.98	3856723.79	1.01393	0.44514	1.37853	0.89078	9.19E-02	0.00188	2.6E-05	0.00206	0.09586	1.16E-01	0.002377	2.19E-05	0.001204	1.20E-01	0.11432	0.002044	1.79E-05	0.001279	0.117662
2922	487688.98	3856723.79	0.97358	0.46261	1.32331	0.8743	8.82E-02	0.00196	2.5E-05	0.00203	0.09223	1.11E-01	0.00247	2.1E-05	0.001182	1.15E-01	0.109771	0.002124	1.72E-05	0.001256	0.113168
2923	486324.61	3855740.57	1.0559	0.391	1.38285	0.64804	9.57E-02	0.00165	2.6E-05	0.0015	0.09887	1.21E-01	0.002088	2.2E-05	0.000876	1.24E-01	0.119052	0.001796	1.79E-05	0.000931	0.121797
2924	486374.61	3855740.57	0.98613	0.37908	1.28839	0.6083	8.94E-02	0.0016	2.4E-05	0.00141	0.0924	1.13E-01	0.002024	2.05E-05	0.000822	1.16E-01	0.111186	0.001741	1.67E-05	0.000874	0.113817

2925	486424.61	3855740.57	0.94275	0.37092	1.22998	0.58307	8.54E-02	0.00157	2.3E-05	0.00135	0.08838	1.08E-01	0.001981	1.95E-05	0.000788	1.11E-01	0.106295	0.001703	1.6E-05	0.000837	0.108851
2926	486324.61	3855790.57	1.11142	0.371	1.46351	0.69117	1.01E-01	0.00157	2.7E-05	0.0016	0.10392	1.27E-01	0.001981	2.33E-05	0.000935	1.30E-01	0.125312	0.001704	1.9E-05	0.000993	0.128028
2927	486374.61	3855790.57	1.03967	0.36085	1.36652	0.65024	9.42E-02	0.00153	2.6E-05	0.00151	0.09728	1.19E-01	0.001927	2.17E-05	0.000879	1.22E-01	0.117222	0.001657	1.77E-05	0.000934	0.119831
2928	486424.61	3855790.57	1.0013	0.35499	1.31503	0.62719	9.07E-02	0.0015	2.5E-05	0.00145	0.09372	1.15E-01	0.001895	2.09E-05	0.000848	1.17E-01	0.112896	0.00163	1.71E-05	0.000901	0.115444
2929	486324.61	3855840.57	1.17092	0.35308	1.54884	0.73547	1.06E-01	0.00149	2.9E-05	0.0017	0.10934	1.34E-01	0.001885	2.46E-05	0.000994	1.37E-01	0.132021	0.001621	2.01E-05	0.001056	0.134719
2930	486374.61	3855840.57	1.11957	0.34775	1.48	0.70505	1.01E-01	0.00147	2.8E-05	0.00163	0.10459	1.28E-01	0.001857	2.35E-05	0.000953	1.31E-01	0.126231	0.001597	1.92E-05	0.001012	0.12886
2931	486424.61	3855840.57	1.06567	0.34101	1.40754	0.67347	9.66E-02	0.00144	2.6E-05	0.00156	0.0996	1.22E-01	0.001821	2.24E-05	0.000911	1.25E-01	0.120154	0.001566	1.83E-05	0.000967	0.122705
2932	486324.61	3855890.57	1.26706	0.33996	1.68329	0.79774	1.15E-01	0.00144	3.2E-05	0.00185	0.11814	1.45E-01	0.001815	2.68E-05	0.001079	1.48E-01	0.142861	0.001561	2.18E-05	0.001146	0.145589
2933	486374.61	3855890.57	1.2036	0.33517	1.59804	0.76079	1.09E-01	0.00142	3E-05	0.00176	0.11228	1.38E-01	0.00179	2.54E-05	0.001029	1.41E-01	0.135705	0.001539	2.07E-05	0.001093	0.138358
2934	486424.61	3855890.57	1.1394	0.32894	1.51181	0.72356	1.03E-01	0.00139	2.8E-05	0.00168	0.10635	1.30E-01	0.001756	2.4E-05	0.000978	1.33E-01	0.128467	0.001511	1.96E-05	0.001039	0.131036
2935	488735.69	3858285.64	0.48339	0.26971	0.15308	0.53943	4.38E-02	0.00114	2.9E-06	0.00125	0.0462	5.53E-02	0.00144	2.43E-06	0.000729	5.75E-02	0.054502	0.001239	1.99E-06	0.000775	0.056517
2936	488765.69	3858285.64	0.47212	0.27204	0.15387	0.53513	4.28E-02	0.00115	2.9E-06	0.00124	0.04518	5.40E-02	0.001453	2.45E-06	0.000724	5.62E-02	0.053231	0.001249	2E-06	0.000768	0.055251
2937	488735.69	3858315.64	0.49265	0.25368	0.14704	0.49414	4.46E-02	0.00107	2.8E-06	0.00114	0.04687	5.63E-02	0.001355	2.34E-06	0.000668	5.84E-02	0.055546	0.001165	1.91E-06	0.00071	0.057423
2938	488765.69	3858315.64	0.48041	0.25639	0.14783	0.49224	4.35E-02	0.00108	2.8E-06	0.00114	0.04576	5.49E-02	0.001369	2.35E-06	0.000666	5.70E-02	0.054166	0.001177	1.92E-06	0.000707	0.056052
2939	478676.63	3849871.93	0.01195	0.01079	0.01088	0.00725	1.08E-03	4.6E-05	2E-07	1.7E-05	0.00115	1.37E-03	5.76E-05	1.73E-07	9.8E-06	1.43E-03	0.001347	4.96E-05	1.41E-07	1.04E-05	0.001407
2940	479326.63	3849871.93	0.01463	0.01463	0.01438	0.00926	1.33E-03	6.2E-05	2.7E-07	2.1E-05	0.00141	1.67E-03	7.81E-05	2.29E-07	1.25E-05	1.76E-03	0.00165	6.72E-05	1.87E-07	1.33E-05	0.00173
2941	479376.63	3849871.93	0.01478	0.0148	0.01464	0.00946	1.34E-03	6.3E-05	2.7E-07	2.2E-05	0.00142	1.69E-03	7.9E-05	2.33E-07	1.28E-05	1.78E-03	0.001666	6.8E-05	1.9E-07	1.36E-05	0.001748
2942	479426.63	3849871.93	0.01495	0.01499	0.01492	0.00971	1.35E-03	6.3E-05	2.8E-07	2.2E-05	0.00144	1.71E-03	8E-05	2.37E-07	1.31E-05	1.80E-03	0.001686	6.88E-05	1.94E-07	1.39E-05	0.001769
2943	478726.63	3849921.93	0.01217	0.01094	0.01108	0.00735	1.10E-03	4.6E-05	2.1E-07	1.7E-05	0.00117	1.39E-03	5.84E-05	1.76E-07	9.94E-06	1.46E-03	0.001372	5.02E-05	1.44E-07	1.06E-05	0.001433
2944	478776.63	3849921.93	0.0124	0.01124	0.01128	0.00748	1.12E-03	4.8E-05	2.1E-07	1.7E-05	0.00119	1.42E-03	6E-05	1.79E-07	1.01E-05	1.49E-03	0.001398	5.16E-05	1.46E-07	1.07E-05	0.001461
2945	478826.63	3849921.93	0.01261	0.01155	0.01148	0.0076	1.14E-03	4.9E-05	2.1E-07	1.8E-05	0.00121	1.44E-03	6.17E-05	1.82E-07	1.03E-05	1.51E-03	0.001422	5.3E-05	1.49E-07	1.09E-05	0.001486
2946	478976.63	3849921.93	0.01328	0.01256	0.01221	0.00802	1.20E-03	5.3E-05	2.3E-07	1.9E-05	0.00128	1.52E-03	6.71E-05	1.94E-07	1.08E-05	1.60E-03	0.001497	5.77E-05	1.58E-07	1.15E-05	0.001567
2947	479026.63	3849921.93	0.0136	0.01293	0.01256	0.00828	1.23E-03	5.5E-05	2.4E-07	1.9E-05	0.00131	1.56E-03	6.9E-05	2E-07	1.12E-05	1.64E-03	0.001533	5.94E-05	1.63E-07	1.19E-05	0.001605
2948	479076.63	3849921.93	0.01385	0.01328	0.01288	0.00848	1.26E-03	5.6E-05	2.4E-07	2E-05	0.00133	1.58E-03	7.09E-05	2.05E-07	1.15E-05	1.67E-03	0.001562	6.1E-05	1.67E-07	1.22E-05	0.001635
2949	479126.63	3849921.93	0.01408	0.01361	0.01319	0.00869	1.28E-03	5.8E-05	2.5E-07	2E-05	0.00135	1.61E-03	7.27E-05	2.1E-07	1.17E-05	1.70E-03	0.001588	6.25E-05	1.71E-07	1.25E-05	0.001663
2950	479176.63	3849921.93	0.01434	0.01394	0.01354	0.00896	1.30E-03	5.9E-05	2.5E-07	2.1E-05	0.00138	1.64E-03	7.44E-05	2.15E-07	1.21E-05	1.73E-03	0.001617	6.4E-05	1.76E-07	1.29E-05	0.001694
2951	479226.63	3849921.93	0.01448	0.01422	0.0138	0.00903	1.31E-03	6E-05	2.6E-07	2.1E-05	0.00139	1.66E-03	7.59E-05	2.19E-07	1.22E-05	1.74E-03	0.001633	6.53E-05	1.79E-07	1.3E-05	0.001711
2952	479276.63	3849921.93	0.01448	0.0144	0.01397	0.00893	1.31E-03	6.1E-05	2.6E-07	2.1E-05	0.00139	1.66E-03	7.69E-05	2.22E-07	1.21E-05	1.75E-03	0.001633	6.61E-05	1.81E-07	1.28E-05	0.001712
2953	479326.63	3849921.93	0.0149	0.01474	0.01444	0.00959	1.35E-03	6.2E-05	2.7E-07	2.2E-05	0.00144	1.70E-03	7.87E-05	2.29E-07	1.3E-05	1.80E-03	0.00168	6.77E-05	1.87E-07	1.38E-05	0.001762
2954	479376.63	3849921.93	0.01487	0.01485	0.0146	0.00945	1.35E-03	6.3E-05	2.7E-07	2.2E-05	0.00143	1.70E-03	7.93E-05	2.32E-07	1.28E-05	1.79E-03	0.001677	6.82E-05	1.9E-07	1.36E-05	0.001759
2955	479426.63	3849921.93	0.01517	0.01511	0.01496	0.00995	1.37E-03	6.4E-05	2.8E-07	2.3E-05	0.00146	1.74E-03	8.07E-05	2.38E-07	1.35E-05	1.83E-03	0.00171	6.94E-05	1.94E-07	1.43E-05	0.001794
2956	478726.63	3849971.93	0.01216	0.01082	0.01109	0.00734	1.10E-03	4.6E-05	2.1E-07	1.7E-05	0.00116	1.39E-03	5.78E-05	1.76E-07	9.92E-06	1.46E-03	0.001371	4.97E-05	1.44E-07	1.05E-05	0.001431
2957	478776.63	3849971.93	0.01237	0.01109	0.01126	0.00745	1.12E-03	4.7E-05	2.1E-07	1.7E-05	0.00119	1.41E-03	5.92E-05	1.79E-07	1.01E-05	1.48E-03	0.001395	5.09E-05	1.46E-07	1.07E-05	0.001456
2958	478826.63	3849971.93	0.01259	0.01138	0.01145	0.00757	1.14E-03	4.8E-05	2.1E-07	1.8E-05	0.00121	1.44E-03	6.08E-05	1.82E-07	1.02E-05	1.51E-03	0.00142	5.23E-05	1.49E-07	1.09E-05	0.001483
2959	478976.63	3849971.93	0.01338	0.01241	0.01223	0.00809	1.21E-03	5.3E-05	2.3E-07	1.9E-05	0.00128	1.53E-03	6.63E-05	1.94E-07	1.09E-05	1.61E-03	0.001509	5.7E-05	1.59E-07	1.16E-05	0.001577
2960	479026.63	3849971.93	0.01359	0.01275	0.01247	0.00824	1.23E-03	5.4E-05	2.3E-07	1.9E-05	0.0013	1.55E-03	6.81E-05	1.98E-07	1.11E-05	1.63E-03	0.001532	5.86E-05	1.62E-07	1.18E-05	0.001603
2961	479076.63	3849971.93	0.01382	0.0131	0.01275	0.0084	1.25E-03	5.5E-05	2.4E-07	1.9E-05	0.00133	1.58E-03	6.99E-05	2.03E-07	1.14E-05	1.66E-03	0.001558	6.02E-05	1.66E-07	1.21E-05	0.001631
2962	479126.63	3849971.93	0.01407	0.01345	0.01306	0.00862	1.28E-03	5.7E-05	2.4E-07	2E-05	0.00135	1.61E-03	7.18E-05	2.08E-07	1.17E-05	1.69E-03	0.001586	6.18E-05	1.7E-07	1.24E-05	0.001661
2963	479176.63	3849971.93	0.01433	0.0138	0.01341	0.00886	1.30E-03	5.8E-05	2.5E-07	2.1E-05	0.00138	1.64E-03	7.37E-05	2.13E-07	1.2E-05	1.72E-03	0.001616	6.34E-05	1.74E-07	1.27E-05	0.001692
2964	479226.63	3849971.93	0.01428	0.01404	0.0135	0.00864	1.29E-03	5.9E-05	2.5E-07	2E-05	0.00137	1.63E-03	7.5E-05	2.15E-07	1.17E-05	1.72E-03	0.00161	6.45E-05	1.75E-07	1.24E-05	0.001687
2965	479276.63	3849971.93	0.0147	0.01441	0.01399	0.00921	1.33E-03	6.1E-05	2.6E-07	2.1E-05	0.00141	1.68E-03	7.69E-05	2.22E-07	1.25E-05	1.77E-03	0.001657	6.62E-05	1.82E-07	1.32E-05	0.001737
2966	479326.63	3849971.93	0.01505	0.01472	0.01441	0.00971	1.36E-03	6.2E-05	2.7E-07	2.2E-05	0.00145	1.72E-03	7.86E-05	2.29E-07	1.31E-05	1.81E-03	0.001697	6.76E-05	1.87E-07	1.39E-05	0.001779
2967	479376.63	3849971.93	0.01505	0.01491	0.01458	0.0096	1.36E-03	6.3E-05	2.7E-07	2.2E-05	0.00145	1.72E-03	7.96E-05	2.32E-07	1.3E-05	1.81E-03	0.001697	6.85E-05	1.89E-07	1.38E-05	0.001779
2968	479426.63	3849971.93	0.01527	0.01515	0.01491	0.00995	1.38E-03	6.4E-05	2.8E-07	2.3E-05	0.00147	1.75E-03	8.09E-05	2.37E-07	1.35E-05	1.84E-03	0.001722	6.96E-05	1.94E-07	1.43E-05	0.001806
2969	478726.63	3850021.93	0.01216	0.01071	0.01112	0.00734	1.10E-03	4.5E-05	2.1E-07	1.7E-05	0.00116	1.39E-03	5.72E-05	1.77E-07	9.92E-06	1.46E-03	0.001371	4.92E-05	1.44E-07	1.05E-05	0.001431
2970	478776.63	3850021.93	0.01236	0.01096	0.01126	0.00744	1.12E-03	4.6E-05	2.1E-07	1.7E-05	0.00118	1.41E-03	5.85E-05	1.79E-07	1.01E-05	1.48E-03	0.001394	5.03E-05	1.46E-07	1.07E-05	0.001455
2971	478826.63	3850021.93	0.01258	0.01124	0.01144	0.00755	1.14E-03	4.8E-05	2.1E-07	1.7E-05	0.00121	1.44E-03	6E-05	1.82E-07	1.02E-05	1.51E-03	0.001418	5.16E-05	1.48E-07	1.08E-05	0.001481
2972	478976.63	3850021.93	0.01335	0.01222	0.01216	0.00804	1.21E-03	5.2E-05	2.3E-07	1.9E-05	0.00128	1.53E-03	6.52E-05	1.93E-07	1.09E-05	1.60E-03	0.001505	5.61E-05	1.58E-07	1.15E-05	0.001573
2973	478726.63	3850071.93	0.01218	0.01063	0.01118	0.00735	1.10E-03	4.5E-05	2.1E-07	1.7E-05	0.00117	1.39E-03	5.68E-05	1.78E-07	9.94E-06	1.46E-03	0.001373	4.88E-05	1.45E-07	1.06E-05	0.001433
2974	478776.63	3850071.93	0.01238	0.01087	0.01133	0.00745	1.12E-03	4.6E-05	2.1E-07	1.7E-05	0.00119	1.42E-03	5.8E-05	1.8E-07	1.01E-05	1.48E-03	0.001396	4.99E-05	1.47E-07	1.07E-05	0.001457
2975	478826.63	3850071.93	0.01259	0.01113	0.01148	0.00755	1.14E-03	4.7E-05	2.1E-07	1.7E-05	0.00121	1.44E-03	5.94E-05	1.82E-07	1.02E-05	1.51E-03	0.00142	5.11E-05	1.49E-07	1.08E-05	0.001482
2976	478876.63	3850071.93	0.01282	0.01141	0.01166	0.00767	1.16E-03	4.8E-05	2.2E-07	1.8E-05	0.00123	1.47E-03	6.09E-05	1.85E-07	1.04E-05	1.54E-03	0.001445	5.24E-05	1.51E-07	1.1E-05	0.001509
2977	478976.63	3850071.93	0.01334	0.01205	0.01213	0.008	1.21E-03	5.1E-05	2.3E-07	1.9E-05	0.00128	1.53E-03	6.43E-05	1.93E-07	1.08E-05	1.60E-03	0.001504	5.53E-05	1.57E-07	1.15E-05	0.001571
2978	478726.63	3850121.93	0.01222	0.01081	0.01126	0.00738	1.11E-03	4.6E-05	2.1E-07	1.7E-05	0.00117	1.40E-03	5.77E-05	1.79E-07	9.98E-06	1.47E-03	0.001378	4.96E-05	1.46E-07	1.06E-05	0.001438
2979	478776.63	3850121.93	0.01243	0.01101	0.0114	0.00747	1.13E-03	4.7E-05	2.1E-07	1.7E-05	0.00119	1.42E-03	5.88E-05	1.81E-07	1.01E-05	1.49E-03	0.001401	5.06E-05	1.48E-07	1.07E-05	0.001463
2980	478826.63	3850121.93	0.01263	0.01122	0.01154	0.00756	1.14E-03	4.7E-05	2.2E-07	1.8E-05	0.00121	1.44E-03	5.99E-05	1.83E-07	1.02E-05	1.51E-03	0.001424	5.15E-05	1.5E-07	1.09E-05	0.001487
2981	478876.63	3850121.93	0.01283	0.01146	0.01169	0.00767	1.16E-03	4.8E-05	2.2E-07	1.8E-05	0.00123	1.47E-03	6.12E-05	1.86E-07	1.04E-05	1.54E-03	0.001447	5.26E-05	1.52E-07	1.1E-05	0.00151
2982	478976.63	3850121.93	0.01335	0.01199	0.01213	0.00797	1.21E-03	5.1E-05	2.3E-07	1.8E-05	0.00128	1.53E-03	6.4E-05	1.93E-07	1.08E-05	1.60E-03	0.001505	5.51E-05	1.57E-07	1.14E-05	0.001572
2983	479026.63	3850121.93	0.0136	0.01229	0.01237	0.00814	1.23E-03	5.2E-05	2.3E-07	1.9E-05	0.0013	1.56E-03	6.56E-05	1.97E-07	1.1E-05	1.63E-03	0.001533	5.64E-05	1.61E-07	1.17E-05	0.001602
2984	479076.63	3850121.93	0.01384	0.01255	0.0126	0.0083	1.25E-03	5.3E-05	2.4E-07	1.9E-05	0.00133	1.58E-03	6.7E-05	2E-07	1.12E-05	1.66E-03	0.00156	5.76E-05	1.64E-07	1.19E-05	0.00163
2985	479126.63	3850121.93	0.01408	0.01291	0.01285	0.00848	1.28E-03	5.5E-05	2.4E-07	2E-05	0.00135	1.61E-03	6.89E-05	2.04E-07	1.15E-05	1.69E-03	0.001588	5.93E-05	1.67E-07	1.22E-05	0.001659

2986	478776.63	3850171.93	0.01245	0.01096	0.01148	0.0075	1.13E-03	4.6E-05	2.1E-07	1.7E-05	0.00119	1.42E-03	5.85E-05	1.82E-07	1.01E-05	1.49E-03	0.001404	5.03E-05	1.49E-07	1.08E-05	0.001465
2987	478826.63	3850171.93	0.01264	0.01116	0.0116	0.00757	1.15E-03	4.7E-05	2.2E-07	1.8E-05	0.00121	1.45E-03	5.96E-05	1.84E-07	1.02E-05	1.52E-03	0.001425	5.13E-05	1.51E-07	1.09E-05	0.001487
2988	478876.63	3850171.93	0.01284	0.01137	0.01173	0.00767	1.16E-03	4.8E-05	2.2E-07	1.8E-05	0.00123	1.47E-03	6.07E-05	1.86E-07	1.04E-05	1.54E-03	0.001448	5.22E-05	1.52E-07	1.1E-05	0.001511
2989	478976.63	3850171.93	0.01335	0.01188	0.01214	0.00795	1.21E-03	5E-05	2.3E-07	1.8E-05	0.00128	1.53E-03	6.34E-05	1.93E-07	1.07E-05	1.60E-03	0.001505	5.46E-05	1.58E-07	1.14E-05	0.001571
2990	479026.63	3850171.93	0.01363	0.01217	0.01239	0.00812	1.24E-03	5.1E-05	2.3E-07	1.9E-05	0.00131	1.56E-03	6.5E-05	1.97E-07	1.1E-05	1.64E-03	0.001537	5.59E-05	1.61E-07	1.17E-05	0.001604
2991	479076.63	3850171.93	0.01385	0.01246	0.01259	0.00827	1.26E-03	5.3E-05	2.4E-07	1.9E-05	0.00133	1.58E-03	6.65E-05	2E-07	1.12E-05	1.66E-03	0.001562	5.72E-05	1.63E-07	1.19E-05	0.001631
2992	479126.63	3850171.93	0.0141	0.01276	0.01283	0.00845	1.28E-03	5.4E-05	2.4E-07	2E-05	0.00135	1.61E-03	6.81E-05	2.04E-07	1.14E-05	1.69E-03	0.00159	5.86E-05	1.67E-07	1.21E-05	0.001661
2993	479176.63	3850171.93	0.01438	0.01309	0.01313	0.00867	1.30E-03	5.5E-05	2.5E-07	2E-05	0.00138	1.64E-03	6.99E-05	2.09E-07	1.17E-05	1.73E-03	0.001621	6.01E-05	1.7E-07	1.25E-05	0.001694
2994	479226.63	3850171.93	0.01474	0.01344	0.0135	0.00899	1.34E-03	5.7E-05	2.5E-07	2.1E-05	0.00141	1.69E-03	7.18E-05	2.15E-07	1.22E-05	1.77E-03	0.001662	6.17E-05	1.75E-07	1.29E-05	0.001737
2995	479276.63	3850171.93	0.01508	0.01378	0.01388	0.00934	1.37E-03	5.8E-05	2.6E-07	2.2E-05	0.00145	1.72E-03	7.36E-05	2.21E-07	1.26E-05	1.81E-03	0.0017	6.33E-05	1.8E-07	1.34E-05	0.001777
2996	479326.63	3850171.93	0.0153	0.0141	0.01416	0.00957	1.39E-03	6E-05	2.7E-07	2.2E-05	0.00147	1.75E-03	7.53E-05	2.25E-07	1.29E-05	1.84E-03	0.001725	6.48E-05	1.84E-07	1.37E-05	0.001804
2997	479376.63	3850171.93	0.01551	0.01439	0.01443	0.00979	1.41E-03	6.1E-05	2.7E-07	2.3E-05	0.00149	1.77E-03	7.68E-05	2.29E-07	1.32E-05	1.86E-03	0.001749	6.61E-05	1.87E-07	1.41E-05	0.001829
2998	478676.63	3850221.93	0.01211	0.01065	0.01135	0.00746	1.10E-03	4.5E-05	2.1E-07	1.7E-05	0.00116	1.39E-03	5.69E-05	1.8E-07	1.01E-05	1.45E-03	0.001365	4.89E-05	1.47E-07	1.07E-05	0.001425
2999	478726.63	3850221.93	0.01231	0.01078	0.01146	0.0075	1.12E-03	4.6E-05	2.1E-07	1.7E-05	0.00118	1.41E-03	5.76E-05	1.82E-07	1.01E-05	1.48E-03	0.001388	4.95E-05	1.49E-07	1.08E-05	0.001448
3000	478976.63	3850221.93	0.01337	0.0118	0.01219	0.00795	1.21E-03	5E-05	2.3E-07	1.8E-05	0.00128	1.53E-03	6.3E-05	1.94E-07	1.07E-05	1.60E-03	0.001507	5.42E-05	1.58E-07	1.14E-05	0.001573
3001	479026.63	3850221.93	0.01364	0.01207	0.01241	0.0081	1.24E-03	5.1E-05	2.3E-07	1.9E-05	0.00131	1.56E-03	6.44E-05	1.97E-07	1.1E-05	1.64E-03	0.001538	5.54E-05	1.61E-07	1.16E-05	0.001605
3002	479076.63	3850221.93	0.01387	0.01234	0.01261	0.00825	1.26E-03	5.2E-05	2.4E-07	1.9E-05	0.00133	1.59E-03	6.59E-05	2E-07	1.12E-05	1.66E-03	0.001564	5.67E-05	1.64E-07	1.18E-05	0.001633
3003	479126.63	3850221.93	0.01413	0.01264	0.01284	0.00842	1.28E-03	5.3E-05	2.4E-07	2E-05	0.00135	1.62E-03	6.75E-05	2.04E-07	1.14E-05	1.70E-03	0.001593	5.8E-05	1.67E-07	1.21E-05	0.001663
3004	479176.63	3850221.93	0.01443	0.01297	0.01314	0.00865	1.31E-03	5.5E-05	2.5E-07	2E-05	0.00138	1.65E-03	6.93E-05	2.09E-07	1.17E-05	1.73E-03	0.001627	5.96E-05	1.71E-07	1.24E-05	0.001699
3005	479226.63	3850221.93	0.01475	0.0133	0.01346	0.00892	1.34E-03	5.6E-05	2.5E-07	2.1E-05	0.00141	1.69E-03	7.1E-05	2.14E-07	1.21E-05	1.77E-03	0.001663	6.11E-05	1.75E-07	1.28E-05	0.001737
3006	479276.63	3850221.93	0.01506	0.01365	0.0138	0.00922	1.36E-03	5.8E-05	2.6E-07	2.1E-05	0.00144	1.72E-03	7.29E-05	2.19E-07	1.25E-05	1.81E-03	0.001698	6.27E-05	1.79E-07	1.32E-05	0.001774
3007	479326.63	3850221.93	0.01528	0.01396	0.01405	0.00943	1.38E-03	5.9E-05	2.6E-07	2.2E-05	0.00147	1.75E-03	7.45E-05	2.23E-07	1.28E-05	1.84E-03	0.001723	6.41E-05	1.82E-07	1.35E-05	0.001801
3008	479376.63	3850221.93	0.01553	0.01429	0.01435	0.0097	1.41E-03	6E-05	2.7E-07	2.2E-05	0.00149	1.78E-03	7.63E-05	2.28E-07	1.31E-05	1.87E-03	0.001751	6.56E-05	1.86E-07	1.39E-05	0.001831
3009	478676.63	3850271.93	0.01219	0.0107	0.0115	0.00758	1.10E-03	4.5E-05	2.2E-07	1.8E-05	0.00117	1.39E-03	5.71E-05	1.83E-07	1.02E-05	1.46E-03	0.001374	4.91E-05	1.49E-07	1.09E-05	0.001435
3010	478726.63	3850271.93	0.01238	0.01081	0.0116	0.0076	1.12E-03	4.6E-05	2.2E-07	1.8E-05	0.00119	1.42E-03	5.77E-05	1.84E-07	1.03E-05	1.48E-03	0.001396	4.96E-05	1.51E-07	1.09E-05	0.001457
3011	478976.63	3850271.93	0.01338	0.0117	0.01222	0.00793	1.21E-03	4.9E-05	2.3E-07	1.8E-05	0.00128	1.53E-03	6.25E-05	1.94E-07	1.07E-05	1.60E-03	0.001509	5.37E-05	1.59E-07	1.14E-05	0.001574
3012	479026.63	3850271.93	0.01364	0.01196	0.01244	0.00808	1.24E-03	5.1E-05	2.3E-07	1.9E-05	0.00131	1.56E-03	6.39E-05	1.98E-07	1.09E-05	1.64E-03	0.001538	5.49E-05	1.61E-07	1.16E-05	0.001605
3013	479076.63	3850271.93	0.01389	0.01224	0.01264	0.00823	1.26E-03	5.2E-05	2.4E-07	1.9E-05	0.00133	1.59E-03	6.54E-05	2.01E-07	1.11E-05	1.67E-03	0.001566	5.62E-05	1.64E-07	1.18E-05	0.001634
3014	479126.63	3850271.93	0.01415	0.01253	0.01286	0.0084	1.28E-03	5.3E-05	2.4E-07	1.9E-05	0.00136	1.62E-03	6.69E-05	2.04E-07	1.14E-05	1.70E-03	0.001595	5.75E-05	1.67E-07	1.21E-05	0.001665
3015	479176.63	3850271.93	0.01443	0.01284	0.01312	0.0086	1.31E-03	5.4E-05	2.5E-07	2E-05	0.00138	1.65E-03	6.86E-05	2.09E-07	1.16E-05	1.73E-03	0.001627	5.9E-05	1.7E-07	1.24E-05	0.001698
3016	479226.63	3850271.93	0.01473	0.01317	0.01341	0.00885	1.33E-03	5.6E-05	2.5E-07	2E-05	0.00141	1.68E-03	7.03E-05	2.13E-07	1.2E-05	1.77E-03	0.001661	6.05E-05	1.74E-07	1.27E-05	0.001734
3017	479276.63	3850271.93	0.01501	0.0135	0.0137	0.00909	1.36E-03	5.7E-05	2.6E-07	2.1E-05	0.00144	1.72E-03	7.21E-05	2.18E-07	1.23E-05	1.80E-03	0.001692	6.2E-05	1.78E-07	1.31E-05	0.001768
3018	479326.63	3850271.93	0.01526	0.01382	0.01396	0.0093	1.38E-03	5.8E-05	2.6E-07	2.2E-05	0.00146	1.75E-03	7.38E-05	2.22E-07	1.26E-05	1.83E-03	0.001721	6.35E-05	1.81E-07	1.34E-05	0.001798
3019	479376.63	3850271.93	0.01548	0.01415	0.01421	0.00951	1.40E-03	6E-05	2.7E-07	2.2E-05	0.00148	1.77E-03	7.56E-05	2.26E-07	1.29E-05	1.86E-03	0.001745	6.5E-05	1.84E-07	1.37E-05	0.001824
3020	479053.24	3850293.52	0.01378	0.01207	0.01257	0.00816	1.25E-03	5.1E-05	2.4E-07	1.9E-05	0.00132	1.58E-03	6.44E-05	2E-07	1.1E-05	1.65E-03	0.001554	5.54E-05	1.63E-07	1.17E-05	0.001621
3021	479103.24	3850293.52	0.01404	0.01235	0.01278	0.00832	1.27E-03	5.2E-05	2.4E-07	1.9E-05	0.00134	1.61E-03	6.59E-05	2.03E-07	1.12E-05	1.68E-03	0.001583	5.67E-05	1.66E-07	1.19E-05	0.001652
3022	479153.24	3850293.52	0.01429	0.01264	0.01299	0.00848	1.29E-03	5.3E-05	2.4E-07	2E-05	0.00137	1.63E-03	6.75E-05	2.06E-07	1.15E-05	1.71E-03	0.001611	5.8E-05	1.69E-07	1.22E-05	0.001682
3023	479203.24	3850293.52	0.01459	0.01295	0.01327	0.0087	1.32E-03	5.5E-05	2.5E-07	2E-05	0.0014	1.67E-03	6.91E-05	2.11E-07	1.18E-05	1.75E-03	0.001645	5.95E-05	1.72E-07	1.25E-05	0.001717
3024	479253.24	3850293.52	0.01488	0.01328	0.01354	0.00893	1.35E-03	5.6E-05	2.5E-07	2.1E-05	0.00143	1.70E-03	7.09E-05	2.15E-07	1.21E-05	1.79E-03	0.001678	6.1E-05	1.76E-07	1.28E-05	0.001752
3025	479303.24	3850293.52	0.01512	0.01361	0.0138	0.00915	1.37E-03	5.8E-05	2.6E-07	2.1E-05	0.00145	1.73E-03	7.27E-05	2.19E-07	1.24E-05	1.81E-03	0.001705	6.25E-05	1.79E-07	1.31E-05	0.001781
3026	479353.24	3850293.52	0.01536	0.01393	0.01405	0.00935	1.39E-03	5.9E-05	2.6E-07	2.2E-05	0.00147	1.76E-03	7.44E-05	2.23E-07	1.26E-05	1.84E-03	0.001732	6.4E-05	1.82E-07	1.34E-05	0.001809
3027	479153.24	3850343.52	0.01431	0.01267	0.01301	0.00847	1.30E-03	5.4E-05	2.4E-07	2E-05	0.00137	1.64E-03	6.77E-05	2.07E-07	1.15E-05	1.72E-03	0.001613	5.82E-05	1.69E-07	1.22E-05	0.001684
3028	479203.24	3850343.52	0.01458	0.01296	0.01325	0.00866	1.32E-03	5.5E-05	2.5E-07	2E-05	0.0014	1.67E-03	6.92E-05	2.11E-07	1.17E-05	1.75E-03	0.001644	5.95E-05	1.72E-07	1.24E-05	0.001716
3029	479253.24	3850343.52	0.01483	0.01327	0.01347	0.00884	1.34E-03	5.6E-05	2.5E-07	2E-05	0.00142	1.70E-03	7.09E-05	2.14E-07	1.2E-05	1.78E-03	0.001672	6.09E-05	1.75E-07	1.27E-05	0.001746
3030	479303.24	3850343.52	0.01508	0.01345	0.01371	0.00902	1.37E-03	5.7E-05	2.6E-07	2.1E-05	0.00144	1.72E-03	7.18E-05	2.18E-07	1.22E-05	1.81E-03	0.0017	6.18E-05	1.78E-07	1.3E-05	0.001775
3031	479353.24	3850343.52	0.01532	0.01378	0.01395	0.00922	1.39E-03	5.8E-05	2.6E-07	2.1E-05	0.00147	1.75E-03	7.36E-05	2.22E-07	1.25E-05	1.84E-03	0.001727	6.33E-05	1.81E-07	1.32E-05	0.001804
3032	479203.24	3850393.52	0.01455	0.01282	0.01324	0.0086	1.32E-03	5.4E-05	2.5E-07	2E-05	0.00139	1.66E-03	6.85E-05	2.1E-07	1.16E-05	1.74E-03	0.001641	5.89E-05	1.72E-07	1.24E-05	0.001712
3033	479253.24	3850393.52	0.0148	0.01312	0.01344	0.00877	1.34E-03	5.6E-05	2.5E-07	2E-05	0.00142	1.69E-03	7.01E-05	2.14E-07	1.19E-05	1.77E-03	0.001669	6.03E-05	1.74E-07	1.26E-05	0.001742
3034	479303.24	3850393.52	0.01505	0.01344	0.01365	0.00894	1.36E-03	5.7E-05	2.6E-07	2.1E-05	0.00144	1.72E-03	7.18E-05	2.17E-07	1.21E-05	1.81E-03	0.001697	6.17E-05	1.77E-07	1.28E-05	0.001772
3035	479353.24	3850393.52	0.01529	0.01363	0.01388	0.00911	1.39E-03	5.8E-05	2.6E-07	2.1E-05	0.00146	1.75E-03	7.28E-05	2.21E-07	1.23E-05	1.83E-03	0.001724	6.26E-05	1.8E-07	1.31E-05	0.0018
3036	479403.24	3850393.52	0.01554	0.01396	0.01413	0.00931	1.41E-03	5.9E-05	2.6E-07	2.2E-05	0.00149	1.78E-03	7.45E-05	2.25E-07	1.26E-05	1.86E-03	0.001752	6.41E-05	1.83E-07	1.34E-05	0.00183
3037	479453.24	3850393.52	0.01577	0.01429	0.01437	0.0095	1.43E-03	6E-05	2.7E-07	2.2E-05	0.00151	1.80E-03	7.63E-05	2.28E-07	1.28E-05	1.89E-03	0.001778	6.56E-05	1.87E-07	1.36E-05	0.001858
3038	479503.24	3850393.52	0.01597	0.01463	0.01462	0.00969	1.45E-03	6.2E-05	2.7E-07	2.2E-05	0.00153	1.83E-03	7.81E-05	2.32E-07	1.31E-05	1.92E-03	0.001801	6.72E-05	1.9E-07	1.39E-05	0.001882
3039	479303.24	3850443.52	0.01499	0.01329	0.0136	0.00885	1.36E-03	5.6E-05	2.5E-07	2E-05	0.00144	1.71E-03	7.1E-05	2.16E-07	1.2E-05	1.80E-03	0.00169	6.1E-05	1.77E-07	1.27E-05	0.001764
3040	479353.24	3850443.52	0.01523	0.0136	0.01379	0.00899	1.38E-03	5.8E-05	2.6E-07	2.1E-05	0.00146	1.74E-03	7.26E-05	2.19E-07	1.22E-05	1.83E-03	0.001717	6.25E-05	1.79E-07	1.29E-05	0.001793
3041	479403.24	3850443.52	0.01545	0.01379	0.014	0.00914	1.40E-03	5.8E-05	2.6E-07	2.1E-05	0.00148	1.77E-03	7.36E-05	2.23E-07	1.24E-05	1.85E-03	0.001742	6.33E-05	1.82E-07	1.31E-05	0.001819
3042	479453.24	3850443.52	0.01568	0.01412	0.01423	0.00931	1.42E-03	6E-05	2.7E-07	2.2E-05	0.0015	1.79E-03	7.54E-05	2.26E-07	1.26E-05	1.88E-03	0.001768	6.48E-05	1.85E-07	1.34E-05	0.001846
3043	479503.24	3850443.52	0.0159	0.01446	0.01446	0.00949	1.44E-03	6.1E-05	2.7E-07	2.2E-05	0.00152	1.82E-03	7.72E-05	2.3E-07	1.28E-05	1.91E-03	0.001793	6.64E-05	1.88E-07	1.36E-05	0.001873
3044	480327.18	3850987.04	0.02077	0.01918	0.01918	0.01374	1.88E-03	8.1E-05	3.6E-07	3.2E-05	0.002	2.38E-03	0.000102	3.05E-07	1.86E-05	2.50E-03	0.002342	8.81E-05	2.49E-07	1.97E-05	0.00245
3045	480377.18	3850987.04	0.02104	0.01953	0.0196	0.0142	1.91E-03	8.3E-05	3.7E-07	3.3E-05	0.00202	2.41E-03	0.000104	3.12E-07	1.92E-05	2.53E-03	0.002372	8.97E-05	2.54E-07	2.04E-05	0.002483
3046	480427.18	3850987.04	0.02128	0.01982	0.01999	0.01461	1.93E-03	8.4E-05	3.7E-07	3.4E-05	0.00205	2.43E-03	0.000106	3.18E-07	1.98E-05	2.56E-03	0.002399	9.1E-05	2.59E-07	2.1E-05	0.002512

3047	480477.18	3850987.04	0.02149	0.02007	0.02035	0.01498	1.95E-03	8.5E-05	3.8E-07	3.5E-05	0.00207	2.46E-03	0.000107	3.23E-07	2.03E-05	2.59E-03	0.002423	9.22E-05	2.64E-07	2.15E-05	0.002537
3048	480327.18	3851037.04	0.02076	0.01904	0.01898	0.01339	1.88E-03	8.1E-05	3.6E-07	3.1E-05	0.00199	2.37E-03	0.000102	3.02E-07	1.81E-05	2.49E-03	0.002341	8.74E-05	2.46E-07	1.92E-05	0.002448
3049	480377.18	3851037.04	0.02107	0.01945	0.01943	0.01388	1.91E-03	8.2E-05	3.6E-07	3.2E-05	0.00202	2.41E-03	0.000104	3.09E-07	1.88E-05	2.53E-03	0.002376	8.93E-05	2.52E-07	1.99E-05	0.002485
3050	480427.18	3851037.04	0.02136	0.01982	0.01986	0.01434	1.94E-03	8.4E-05	3.7E-07	3.3E-05	0.00205	2.44E-03	0.000106	3.16E-07	1.94E-05	2.57E-03	0.002408	9.1E-05	2.58E-07	2.06E-05	0.00252
3051	480477.18	3851037.04	0.02161	0.02012	0.02026	0.01479	1.96E-03	8.5E-05	3.8E-07	3.4E-05	0.00208	2.47E-03	0.000107	3.22E-07	2E-05	2.60E-03	0.002437	9.24E-05	2.63E-07	2.12E-05	0.00255
3052	480622.06	3851087.39	0.02235	0.02082	0.02122	0.01578	2.03E-03	8.8E-05	4E-07	3.7E-05	0.00215	2.56E-03	0.000111	3.37E-07	2.13E-05	2.69E-03	0.00252	9.56E-05	2.75E-07	2.27E-05	0.002639
3053	480672.06	3851087.39	0.02257	0.021	0.02157	0.01621	2.05E-03	8.9E-05	4E-07	3.8E-05	0.00217	2.58E-03	0.000112	3.43E-07	2.19E-05	2.72E-03	0.002545	9.64E-05	2.8E-07	2.33E-05	0.002665
3054	480622.06	3851137.39	0.0225	0.02091	0.02115	0.01561	2.04E-03	8.8E-05	4E-07	3.6E-05	0.00216	2.57E-03	0.000112	3.36E-07	2.11E-05	2.71E-03	0.002537	9.6E-05	2.75E-07	2.24E-05	0.002656
3055	480672.06	3851137.39	0.02271	0.0211	0.0215	0.01603	2.06E-03	8.9E-05	4E-07	3.7E-05	0.00218	2.60E-03	0.000113	3.42E-07	2.17E-05	2.73E-03	0.002561	9.69E-05	2.79E-07	2.3E-05	0.002681
3056	480722.06	3851137.39	0.02293	0.02127	0.02186	0.01647	2.08E-03	9E-05	4.1E-07	3.8E-05	0.00221	2.62E-03	0.000114	3.47E-07	2.23E-05	2.76E-03	0.002585	9.77E-05	2.84E-07	2.37E-05	0.002707
3057	480622.06	3851187.39	0.02258	0.02091	0.02101	0.01534	2.05E-03	8.8E-05	3.9E-07	3.6E-05	0.00217	2.58E-03	0.000112	3.34E-07	2.07E-05	2.72E-03	0.002546	9.6E-05	2.73E-07	2.2E-05	0.002664
3058	480672.06	3851187.39	0.02284	0.02118	0.02141	0.01583	2.07E-03	9E-05	4E-07	3.7E-05	0.0022	2.61E-03	0.000113	3.4E-07	2.14E-05	2.75E-03	0.002575	9.73E-05	2.78E-07	2.27E-05	0.002695
3059	480722.06	3851187.39	0.02307	0.02138	0.02179	0.01631	2.09E-03	9E-05	4.1E-07	3.8E-05	0.00222	2.64E-03	0.000114	3.46E-07	2.21E-05	2.78E-03	0.002601	9.82E-05	2.83E-07	2.34E-05	0.002723
3060	471363.09	3845877.25	0.00326	0.00322	0.00338	0.00241	2.95E-04	1.4E-05	6.3E-08	5.6E-06	0.00031	3.73E-04	1.72E-05	5.37E-08	3.26E-06	3.93E-04	0.000368	1.48E-05	4.39E-08	3.46E-06	0.000386
3061	471863.09	3845877.25	0.00312	0.00307	0.00322	0.00231	2.83E-04	1.3E-05	6E-08	5.4E-06	0.0003	3.57E-04	1.64E-05	5.12E-08	3.12E-06	3.76E-04	0.000352	1.41E-05	4.18E-08	3.32E-06	0.000369
3062	472363.09	3845877.25	0.0034	0.00332	0.0035	0.00246	3.08E-04	1.4E-05	6.6E-08	5.7E-06	0.00033	3.89E-04	1.77E-05	5.56E-08	3.33E-06	4.10E-04	0.000383	1.52E-05	4.54E-08	3.53E-06	0.000402
3063	472863.09	3845877.25	0.00286	0.00281	0.00297	0.0021	2.59E-04	1.2E-05	5.6E-08	4.9E-06	0.00028	3.27E-04	1.5E-05	4.72E-08	2.84E-06	3.45E-04	0.000322	1.29E-05	3.86E-08	3.02E-06	0.000338
3064	473363.09	3845877.25	0.0028	0.0027	0.00283	0.002	2.54E-04	1.1E-05	5.3E-08	4.6E-06	0.00027	3.20E-04	1.44E-05	4.5E-08	2.7E-06	3.37E-04	0.000316	1.24E-05	3.67E-08	2.87E-06	0.000331
3065	473863.09	3845877.25	0.00294	0.00287	0.00301	0.00209	2.66E-04	1.2E-05	5.6E-08	4.8E-06	0.00028	3.36E-04	1.53E-05	4.78E-08	2.83E-06	3.54E-04	0.000331	1.32E-05	3.91E-08	3E-06	0.000348
3066	474363.09	3845877.25	0.00347	0.00338	0.00348	0.00233	3.14E-04	1.4E-05	6.5E-08	5.4E-06	0.00033	3.97E-04	1.8E-05	5.53E-08	3.15E-06	4.18E-04	0.000391	1.55E-05	4.52E-08	3.35E-06	0.00041
3067	474863.09	3845877.25	0.0044	0.00438	0.0043	0.00263	3.99E-04	1.9E-05	8E-08	6.1E-06	0.00042	5.03E-04	2.34E-05	6.83E-08	3.56E-06	5.30E-04	0.000496	2.01E-05	5.58E-08	3.78E-06	0.00052
3068	475363.09	3845877.25	0.00556	0.00558	0.00579	0.0036	5.04E-04	2.4E-05	1.1E-07	8.3E-06	0.00054	6.36E-04	2.98E-05	9.2E-08	4.87E-06	6.71E-04	0.000627	2.56E-05	7.52E-08	5.17E-06	0.000658
3069	475863.09	3845877.25	0.00579	0.00581	0.00595	0.00387	5.25E-04	2.5E-05	1.1E-07	9E-06	0.00056	6.62E-04	3.1E-05	9.46E-08	5.23E-06	6.99E-04	0.000653	2.67E-05	7.72E-08	5.56E-06	0.000685
3070	476363.09	3845877.25	0.00537	0.00541	0.00563	0.00351	4.87E-04	2.3E-05	1.1E-07	8.1E-06	0.00052	6.14E-04	2.89E-05	8.95E-08	4.75E-06	6.48E-04	0.000605	2.48E-05	7.31E-08	5.04E-06	0.000635
3071	476863.09	3845877.25	0.00485	0.00453	0.00521	0.00333	4.40E-04	1.9E-05	9.8E-08	7.7E-06	0.00047	5.55E-04	2.42E-05	8.28E-08	4.5E-06	5.84E-04	0.000547	2.08E-05	6.76E-08	4.78E-06	0.000572
3072	477363.09	3845877.25	0.00406	0.00408	0.00405	0.00265	3.68E-04	1.7E-05	7.6E-08	6.1E-06	0.00039	4.64E-04	2.18E-05	6.44E-08	3.58E-06	4.90E-04	0.000458	1.87E-05	5.26E-08	3.81E-06	0.00048
3073	477863.09	3845877.25	0.00353	0.00354	0.00363	0.00218	3.20E-04	1.5E-05	6.8E-08	5E-06	0.00034	4.04E-04	1.89E-05	5.77E-08	2.95E-06	4.26E-04	0.000398	1.63E-05	4.71E-08	3.13E-06	0.000417
3074	478363.09	3845877.25	0.00342	0.00295	0.00364	0.00219	3.10E-04	1.2E-05	6.8E-08	5.1E-06	0.00033	3.91E-04	1.58E-05	5.79E-08	2.96E-06	4.10E-04	0.000386	1.35E-05	4.72E-08	3.14E-06	0.000402
3075	478863.09	3845877.25	0.00325	0.00327	0.00332	0.00204	2.95E-04	1.4E-05	6.2E-08	4.7E-06	0.00031	3.72E-04	1.75E-05	5.28E-08	2.76E-06	3.92E-04	0.000366	1.5E-05	4.31E-08	2.93E-06	0.000384
3076	479363.09	3845877.25	0.00314	0.00309	0.00321	0.00195	2.85E-04	1.3E-05	6E-08	4.5E-06	0.0003	3.59E-04	1.65E-05	5.1E-08	2.64E-06	3.78E-04	0.000354	1.42E-05	4.17E-08	2.8E-06	0.000371
3077	479863.09	3845877.25	0.00304	0.00286	0.00322	0.00186	2.75E-04	1.2E-05	6E-08	4.3E-06	0.00029	3.48E-04	1.53E-05	5.12E-08	2.51E-06	3.66E-04	0.000343	1.31E-05	4.18E-08	2.67E-06	0.000359
3078	480363.09	3845877.25	0.00258	0.00225	0.00272	0.00175	2.34E-04	9.5E-06	5.1E-08	4.1E-06	0.00025	2.95E-04	1.2E-05	4.32E-08	2.37E-06	3.10E-04	0.000291	1.03E-05	3.53E-08	2.51E-06	0.000304
3079	480863.09	3845877.25	0.00232	0.00212	0.0024	0.00161	2.10E-04	9E-06	4.5E-08	3.7E-06	0.00022	2.65E-04	1.13E-05	3.81E-08	2.18E-06	2.79E-04	0.000262	9.74E-06	3.12E-08	2.31E-06	0.000274
3080	481363.09	3845877.25	0.00213	0.0022	0.00213	0.00152	1.93E-04	9.3E-06	4E-08	3.5E-06	0.00021	2.44E-04	1.17E-05	3.39E-08	2.06E-06	2.57E-04	0.00024	1.01E-05	2.76E-08	2.18E-06	0.000252
3081	481863.09	3845877.25	0.00192	0.00182	0.00196	0.00143	1.74E-04	7.7E-06	3.7E-08	3.3E-06	0.00019	2.20E-04	9.72E-06	3.12E-08	1.93E-06	2.31E-04	0.000216	8.36E-06	2.54E-08	2.05E-06	0.000227
3082	482363.09	3845877.25	0.00173	0.00155	0.00179	0.00133	1.57E-04	6.6E-06	3.4E-08	3.1E-06	0.00017	1.98E-04	8.28E-06	2.84E-08	1.8E-06	2.08E-04	0.000195	7.12E-06	2.32E-08	1.91E-06	0.000204
3083	482863.09	3845877.25	0.0014	0.00138	0.00141	0.00119	1.27E-04	5.8E-06	2.6E-08	2.8E-06	0.00014	1.60E-04	7.37E-06	2.24E-08	1.61E-06	1.69E-04	0.000158	6.34E-06	1.83E-08	1.71E-06	0.000166
3084	483363.09	3845877.25	0.00127	0.00132	0.00129	0.00111	1.15E-04	5.6E-06	2.4E-08	2.6E-06	0.00012	1.45E-04	7.05E-06	2.05E-08	1.5E-06	1.54E-04	0.000143	6.06E-06	1.67E-08	1.59E-06	0.000151
3085	483863.09	3845877.25	0.00146	0.00135	0.00149	0.00125	1.32E-04	5.7E-06	2.8E-08	2.9E-06	0.00014	1.67E-04	7.21E-06	2.37E-08	1.69E-06	1.76E-04	0.000165	6.2E-06	1.93E-08	1.8E-06	0.000173
3086	484363.09	3845877.25	0.00143	0.00133	0.00145	0.00121	1.30E-04	5.6E-06	2.7E-08	2.8E-06	0.00014	1.64E-04	7.1E-06	2.3E-08	1.64E-06	1.72E-04	0.000161	6.11E-06	1.88E-08	1.74E-06	0.000169
3087	484863.09	3845877.25	0.00136	0.00127	0.0014	0.00115	1.23E-04	5.4E-06	2.6E-08	2.7E-06	0.00013	1.56E-04	6.78E-06	2.23E-08	1.55E-06	1.64E-04	0.000153	5.83E-06	1.82E-08	1.65E-06	0.000161
3088	485363.09	3845877.25	0.00127	0.00125	0.0013	0.00111	1.15E-04	5.3E-06	2.4E-08	2.6E-06	0.00012	1.45E-04	6.67E-06	2.07E-08	1.5E-06	1.53E-04	0.000143	5.74E-06	1.69E-08	1.59E-06	0.000151
3089	485863.09	3845877.25	0.00125	0.00128	0.00126	0.00111	1.13E-04	5.4E-06	2.4E-08	2.6E-06	0.00012	1.43E-04	6.83E-06	2E-08	1.5E-06	1.51E-04	0.000141	5.88E-06	1.64E-08	1.59E-06	0.000148
3090	486363.09	3845877.25	0.00119	0.00109	0.0012	0.00108	1.08E-04	4.6E-06	2.2E-08	2.5E-06	0.00011	1.36E-04	5.82E-06	1.91E-08	1.46E-06	1.43E-04	0.000134	5.01E-06	1.56E-08	1.55E-06	0.000141
3091	486863.09	3845877.25	0.0011	0.00108	0.0011	0.00098	9.97E-05	4.6E-06	2.1E-08	2.3E-06	0.00011	1.26E-04	5.77E-06	1.75E-08	1.33E-06	1.33E-04	0.000124	4.96E-06	1.43E-08	1.41E-06	0.00013
3092	487363.09	3845877.25	0.00108	0.00111	0.00108	0.00094	9.79E-05	4.7E-06	2E-08	2.2E-06	0.0001	1.24E-04	5.93E-06	1.72E-08	1.27E-06	1.31E-04	0.000122	5.1E-06	1.4E-08	1.35E-06	0.000128
3093	487863.09	3845877.25	0.00101	0.00105	0.00101	0.00092	9.15E-05	4.4E-06	1.9E-08	2.1E-06	9.8E-05	1.16E-04	5.61E-06	1.61E-08	1.24E-06	1.22E-04	0.000114	4.82E-06	1.31E-08	1.32E-06	0.00012
3094	488363.09	3845877.25	0.00098	0.00098	0.00098	0.0009	8.88E-05	4.1E-06	1.8E-08	2.1E-06	9.5E-05	1.12E-04	5.23E-06	1.56E-08	1.22E-06	1.19E-04	0.00011	4.5E-06	1.27E-08	1.29E-06	0.000116
3095	488863.09	3845877.25	0.00107	0.00107	0.00106	0.00095	9.70E-05	4.5E-06	2E-08	2.2E-06	0.0001	1.22E-04	5.71E-06	1.68E-08	1.28E-06	1.29E-04	0.000121	4.91E-06	1.38E-08	1.36E-06	0.000127
3096	489363.09	3845877.25	0.00107	0.00103	0.00106	0.00094	9.70E-05	4.4E-06	2E-08	2.2E-06	0.0001	1.22E-04	5.5E-06	1.68E-08	1.27E-06	1.29E-04	0.000121	4.73E-06	1.38E-08	1.35E-06	0.000127
3097	489863.09	3845877.25	0.00102	0.00099	0.00101	0.00092	9.24E-05	4.2E-06	1.9E-08	2.1E-06	9.9E-05	1.17E-04	5.29E-06	1.61E-08	1.24E-06	1.23E-04	0.000115	4.55E-06	1.31E-08	1.32E-06	0.000121
3098	490363.09	3845877.25	0.00097	0.00101	0.00094	0.00089	8.79E-05	4.3E-06	1.8E-08	2.1E-06	9.4E-05	1.11E-04	5.39E-06	1.49E-08	1.2E-06	1.18E-04	0.000109	4.64E-06	1.22E-08	1.28E-06	0.000115
3099	490863.09	3845877.25	0.00088	0.00099	0.00083	0.00084	7.97E-05	4.2E-06	1.6E-08	1.9E-06	8.6E-05	1.01E-04	5.29E-06	1.32E-08	1.14E-06	1.07E-04	9.92E-05	4.55E-06	1.08E-08	1.21E-06	0.000105
3100	491363.09	3845877.25	0.00096	0.00112	0.0009	0.00089	8.70E-05	4.7E-06	1.7E-08	2.1E-06	9.4E-05	1.10E-04	5.98E-06	1.43E-08	1.2E-06	1.17E-04	0.000108	5.14E-06	1.17E-08	1.28E-06	0.000115
3101	491863.09	3845877.25	0.00103	0.00119	0.00097	0.00094	9.33E-05	5E-06	1.8E-08	2.2E-06	0.0001	1.18E-04	6.35E-06	1.54E-08	1.27E-06	1.25E-04	0.000116	5.46E-06	1.26E-08	1.35E-06	0.000123
3102	492363.09	3845877.25	0.00097	0.00106	0.00093	0.00092	8.79E-05	4.5E-06	1.7E-08	2.1E-06	9.5E-05	1.11E-04	5.66E-06	1.48E-08	1.24E-06	1.18E-04	0.000109	4.87E-06	1.21E-08	1.32E-06	0.000116
3103	492863.09	3845877.25	0.00112	0.00116	0.00108	0.00102	1.01E-04	4.9E-06	2E-08	2.4E-06	0.00011	1.28E-04	6.19E-06	1.72E-08	1.38E-06	1.36E-04	0.000126	5.33E-06	1.4E-08	1.46E-06	0.000133
3104	493363.09	3845877.25	0.00121	0.00126	0.00116	0.00108	1.10E-04	5.3E-06	2.2E-08	2.5E-06	0.00012	1.38E-04	6.73E-06	1.84E-08	1.46E-06	1.47E-04	0.000136	5.79E-06	1.51E-08	1.55E-06	0.000144
3105	493863.09	3845877.25	0.00131	0.00134	0.00126	0.00114	1.19E-04	5.7E-06	2.4E-08	2.6E-06	0.00013	1.50E-04	7.15E-06	2E-08	1.54E-06	1.59E-04	0.000148	6.15E-06	1.64E-08	1.64E-06	0.000156
3106	494363.09	3845877.25	0.0014	0.00141	0.00136	0.0012	1.27E-04	6E-06	2.5E-08	2.8E-06	0.00014	1.60E-04	7.53E-06	2.16E-08	1.62E-06	1.69E-04	0.000158	6.48E-06	1.77E-08	1.72E-06	0.000166
3107	494863.09	3845877.25	0.00148	0.0015	0.00144	0.00124	1.34E-04	6.3E-06	2.7E-08	2.9E-06	0.00014	1.69E-04	8.01E-06	2.29E-08	1.68E-06	1.79E-04	0.000167	6.89E-06	1.87E-08	1.78E-06	0.000176

3108	495363.09	3845877.25	0.00159	0.00159	0.00155	0.00131	1.44E-04	6.7E-06	2.9E-08	3E-06	0.00015	1.82E-04	8.49E-06	2.46E-08	1.77E-06	1.92E-04	0.000179	7.3E-06	2.01E-08	1.88E-06	0.000188
3109	495863.09	3845877.25	0.00171	0.00174	0.00165	0.00139	1.55E-04	7.4E-06	3.1E-08	3.2E-06	0.00017	1.96E-04	9.29E-06	2.62E-08	1.88E-06	2.07E-04	0.000193	7.99E-06	2.14E-08	2E-06	0.000203
3110	496363.09	3845877.25	0.00183	0.00195	0.00174	0.00147	1.66E-04	8.2E-06	3.3E-08	3.4E-06	0.00018	2.09E-04	1.04E-05	2.77E-08	1.99E-06	2.22E-04	0.000206	8.96E-06	2.26E-08	2.11E-06	0.000217
3111	496863.09	3845877.25	0.00193	0.00209	0.00181	0.00153	1.75E-04	8.8E-06	3.4E-08	3.5E-06	0.00019	2.21E-04	1.12E-05	2.88E-08	2.07E-06	2.34E-04	0.000218	9.6E-06	2.35E-08	2.2E-06	0.000229
3112	497363.09	3845877.25	0.00204	0.00218	0.0019	0.00159	1.85E-04	9.2E-06	3.6E-08	3.7E-06	0.0002	2.33E-04	1.16E-05	3.02E-08	2.15E-06	2.47E-04	0.00023	1E-05	2.47E-08	2.28E-06	0.000242
3113	497863.09	3845877.25	0.00216	0.00229	0.00201	0.00166	1.96E-04	9.7E-06	3.8E-08	3.8E-06	0.00021	2.47E-04	1.22E-05	3.19E-08	2.24E-06	2.62E-04	0.000244	1.05E-05	2.61E-08	2.38E-06	0.000256
3114	498363.09	3845877.25	0.00227	0.00243	0.00212	0.00173	2.06E-04	1E-05	4E-08	4E-06	0.00022	2.60E-04	1.3E-05	3.37E-08	2.34E-06	2.75E-04	0.000256	1.12E-05	2.75E-08	2.48E-06	0.00027
3115	471363.09	3846377.25	0.0049	0.00464	0.00484	0.00371	4.44E-04	2E-05	9.1E-08	8.6E-06	0.00047	5.60E-04	2.48E-05	7.69E-08	5.02E-06	5.90E-04	0.000552	2.13E-05	6.28E-08	5.33E-06	0.000579
3116	471863.09	3846377.25	0.00456	0.00437	0.0046	0.00339	4.13E-04	1.8E-05	8.6E-08	7.9E-06	0.00044	5.22E-04	2.33E-05	7.31E-08	4.58E-06	5.50E-04	0.000514	2.01E-05	5.97E-08	4.87E-06	0.000539
3117	472363.09	3846377.25	0.00338	0.00334	0.0035	0.00248	3.06E-04	1.4E-05	6.6E-08	5.7E-06	0.00033	3.87E-04	1.78E-05	5.56E-08	3.35E-06	4.08E-04	0.000381	1.53E-05	4.54E-08	3.56E-06	0.0004
3118	472863.09	3846377.25	0.00343	0.00337	0.00351	0.00248	3.11E-04	1.4E-05	6.6E-08	5.7E-06	0.00033	3.92E-04	1.8E-05	5.58E-08	3.35E-06	4.14E-04	0.000387	1.55E-05	4.56E-08	3.56E-06	0.000406
3119	473363.09	3846377.25	0.00339	0.00332	0.00352	0.00244	3.07E-04	1.4E-05	6.6E-08	5.7E-06	0.00033	3.88E-04	1.77E-05	5.59E-08	3.3E-06	4.09E-04	0.000382	1.52E-05	4.57E-08	3.5E-06	0.000401
3120	473863.09	3846377.25	0.00341	0.00327	0.00345	0.00238	3.09E-04	1.4E-05	6.5E-08	5.5E-06	0.00033	3.90E-04	1.75E-05	5.48E-08	3.22E-06	4.11E-04	0.000384	1.5E-05	4.48E-08	3.42E-06	0.000403
3121	474363.09	3846377.25	0.00356	0.00343	0.00359	0.00245	3.23E-04	1.5E-05	6.7E-08	5.7E-06	0.00034	4.07E-04	1.83E-05	5.71E-08	3.31E-06	4.29E-04	0.000401	1.58E-05	4.66E-08	3.52E-06	0.000421
3122	474863.09	3846377.25	0.00413	0.00399	0.0041	0.00273	3.74E-04	1.7E-05	7.7E-08	6.3E-06	0.0004	4.72E-04	2.13E-05	6.52E-08	3.69E-06	4.97E-04	0.000466	1.83E-05	5.32E-08	3.92E-06	0.000488
3123	475363.09	3846377.25	0.00511	0.00508	0.00496	0.00303	4.63E-04	2.1E-05	9.3E-08	7E-06	0.00049	5.84E-04	2.71E-05	7.88E-08	4.1E-06	6.16E-04	0.000576	2.33E-05	6.44E-08	4.35E-06	0.000604
3124	475863.09	3846377.25	0.00635	0.00636	0.00657	0.00413	5.75E-04	2.7E-05	1.2E-07	9.6E-06	0.00061	7.26E-04	3.4E-05	1.04E-07	5.58E-06	7.66E-04	0.000716	2.92E-05	8.53E-08	5.93E-06	0.000751
3125	476363.09	3846377.25	0.00637	0.0064	0.00654	0.00422	5.77E-04	2.7E-05	1.2E-07	9.8E-06	0.00061	7.29E-04	3.42E-05	1.04E-07	5.71E-06	7.69E-04	0.000718	2.94E-05	8.49E-08	6.06E-06	0.000754
3126	476863.09	3846377.25	0.00588	0.00588	0.00622	0.00385	5.33E-04	2.5E-05	1.2E-07	8.9E-06	0.00057	6.73E-04	3.14E-05	9.89E-08	5.21E-06	7.09E-04	0.000663	2.7E-05	8.07E-08	5.53E-06	0.000696
3127	477363.09	3846377.25	0.00532	0.00493	0.00565	0.00362	4.82E-04	2.1E-05	1.1E-07	8.4E-06	0.00051	6.08E-04	2.63E-05	8.98E-08	4.89E-06	6.40E-04	0.0006	2.26E-05	7.33E-08	5.2E-06	0.000628
3128	477863.09	3846377.25	0.00431	0.00446	0.00429	0.00274	3.91E-04	1.9E-05	8E-08	6.3E-06	0.00042	4.93E-04	2.38E-05	6.82E-08	3.7E-06	5.21E-04	0.000486	2.05E-05	5.57E-08	3.93E-06	0.00051
3129	478363.09	3846377.25	0.00392	0.0037	0.0041	0.00239	3.55E-04	1.6E-05	7.7E-08	5.5E-06	0.00038	4.48E-04	1.98E-05	6.52E-08	3.23E-06	4.71E-04	0.000442	1.7E-05	5.32E-08	3.43E-06	0.000462
3130	478863.09	3846377.25	0.00392	0.0035	0.00409	0.00242	3.55E-04	1.5E-05	7.7E-08	5.6E-06	0.00038	4.48E-04	1.87E-05	6.5E-08	3.27E-06	4.70E-04	0.000442	1.61E-05	5.31E-08	3.48E-06	0.000462
3131	479363.09	3846377.25	0.00374	0.0038	0.0038	0.00227	3.39E-04	1.6E-05	7.1E-08	5.3E-06	0.00036	4.28E-04	2.03E-05	6.04E-08	3.07E-06	4.51E-04	0.000422	1.75E-05	4.93E-08	3.26E-06	0.000442
3132	479863.09	3846377.25	0.00339	0.0033	0.0035	0.00204	3.07E-04	1.4E-05	6.6E-08	4.7E-06	0.00033	3.88E-04	1.76E-05	5.56E-08	2.76E-06	4.08E-04	0.000382	1.52E-05	4.54E-08	2.93E-06	0.0004
3133	480363.09	3846377.25	0.00334	0.00295	0.00358	0.00206	3.03E-04	1.2E-05	6.7E-08	4.8E-06	0.00032	3.82E-04	1.58E-05	5.69E-08	2.79E-06	4.01E-04	0.000377	1.35E-05	4.65E-08	2.96E-06	0.000393
3134	480863.09	3846377.25	0.00274	0.00244	0.00285	0.00184	2.48E-04	1E-05	5.3E-08	4.3E-06	0.00026	3.13E-04	1.3E-05	4.53E-08	2.49E-06	3.29E-04	0.000309	1.12E-05	3.7E-08	2.64E-06	0.000323
3135	481363.09	3846377.25	0.00256	0.00251	0.00262	0.00173	2.32E-04	1.1E-05	4.9E-08	4E-06	0.00025	2.93E-04	1.34E-05	4.16E-08	2.34E-06	3.09E-04	0.000289	1.15E-05	3.4E-08	2.48E-06	0.000303
3136	481863.09	3846377.25	0.00228	0.00232	0.00229	0.0016	2.07E-04	9.8E-06	4.3E-08	3.7E-06	0.00022	2.61E-04	1.24E-05	3.64E-08	2.16E-06	2.75E-04	0.000257	1.07E-05	2.97E-08	2.3E-06	0.00027
3137	482363.09	3846377.25	0.00197	0.00175	0.00204	0.00149	1.79E-04	7.4E-06	3.8E-08	3.5E-06	0.00019	2.25E-04	9.34E-06	3.24E-08	2.01E-06	2.37E-04	0.000222	8.04E-06	2.65E-08	2.14E-06	0.000232
3138	482863.09	3846377.25	0.00166	0.0016	0.00169	0.00133	1.50E-04	6.8E-06	3.2E-08	3.1E-06	0.00016	1.90E-04	8.54E-06	2.69E-08	1.8E-06	2.00E-04	0.000187	7.35E-06	2.19E-08	1.91E-06	0.000196
3139	483363.09	3846377.25	0.00175	0.0017	0.00181	0.00136	1.59E-04	7.2E-06	3.4E-08	3.2E-06	0.00017	2.00E-04	9.08E-06	2.88E-08	1.84E-06	2.11E-04	0.000197	7.81E-06	2.35E-08	1.95E-06	0.000207
3140	483863.09	3846377.25	0.00167	0.00156	0.00171	0.00137	1.51E-04	6.6E-06	3.2E-08	3.2E-06	0.00016	1.91E-04	8.33E-06	2.72E-08	1.85E-06	2.01E-04	0.000188	7.16E-06	2.22E-08	1.97E-06	0.000197
3141	484363.09	3846377.25	0.0015	0.0014	0.00153	0.00128	1.36E-04	5.9E-06	2.9E-08	3E-06	0.00014	1.72E-04	7.48E-06	2.43E-08	1.73E-06	1.81E-04	0.000169	6.43E-06	1.99E-08	1.84E-06	0.000177
3142	484863.09	3846377.25	0.0016	0.00147	0.00165	0.00129	1.45E-04	6.2E-06	3.1E-08	3E-06	0.00015	1.83E-04	7.85E-06	2.62E-08	1.74E-06	1.93E-04	0.00018	6.75E-06	2.14E-08	1.85E-06	0.000189
3143	485363.09	3846377.25	0.00156	0.00149	0.00159	0.00129	1.41E-04	6.3E-06	3E-08	3E-06	0.00015	1.78E-04	7.96E-06	2.53E-08	1.74E-06	1.88E-04	0.000176	6.84E-06	2.06E-08	1.85E-06	0.000185
3144	485863.09	3846377.25	0.00141	0.00141	0.00143	0.00123	1.28E-04	6E-06	2.7E-08	2.8E-06	0.00014	1.61E-04	7.53E-06	2.27E-08	1.66E-06	1.70E-04	0.000159	6.48E-06	1.86E-08	1.77E-06	0.000167
3145	486363.09	3846377.25	0.0012	0.00115	0.0012	0.0011	1.09E-04	4.9E-06	2.2E-08	2.5E-06	0.00012	1.37E-04	6.14E-06	1.91E-08	1.49E-06	1.45E-04	0.000135	5.28E-06	1.56E-08	1.58E-06	0.000142
3146	486863.09	3846377.25	0.00114	0.00114	0.00113	0.00102	1.03E-04	4.8E-06	2.1E-08	2.4E-06	0.00011	1.30E-04	6.09E-06	1.8E-08	1.38E-06	1.38E-04	0.000129	5.24E-06	1.47E-08	1.46E-06	0.000135
3147	487363.09	3846377.25	0.00115	0.00118	0.00116	0.001	1.04E-04	5E-06	2.2E-08	2.3E-06	0.00011	1.32E-04	6.3E-06	1.84E-08	1.35E-06	1.39E-04	0.00013	5.42E-06	1.51E-08	1.44E-06	0.000137
3148	487863.09	3846377.25	0.00123	0.00123	0.00125	0.00107	1.11E-04	5.2E-06	2.3E-08	2.5E-06	0.00012	1.41E-04	6.57E-06	1.99E-08	1.45E-06	1.49E-04	0.000139	5.65E-06	1.62E-08	1.54E-06	0.000146
3149	488363.09	3846377.25	0.0012	0.00115	0.0012	0.00106	1.09E-04	4.9E-06	2.2E-08	2.5E-06	0.00012	1.37E-04	6.14E-06	1.91E-08	1.43E-06	1.45E-04	0.000135	5.28E-06	1.56E-08	1.52E-06	0.000142
3150	488863.09	3846377.25	0.00119	0.00121	0.00117	0.00103	1.08E-04	5.1E-06	2.2E-08	2.4E-06	0.00012	1.36E-04	6.46E-06	1.86E-08	1.39E-06	1.44E-04	0.000134	5.56E-06	1.52E-08	1.48E-06	0.000141
3151	489363.09	3846377.25	0.00118	0.00111	0.00117	0.00102	1.07E-04	4.7E-06	2.2E-08	2.4E-06	0.00011	1.35E-04	5.93E-06	1.86E-08	1.38E-06	1.42E-04	0.000133	5.1E-06	1.52E-08	1.46E-06	0.00014
3152	489863.09	3846377.25	0.00114	0.00112	0.00111	0.00099	1.03E-04	4.7E-06	2.1E-08	2.3E-06	0.00011	1.30E-04	5.98E-06	1.76E-08	1.34E-06	1.38E-04	0.000129	5.14E-06	1.44E-08	1.42E-06	0.000135
3153	490363.09	3846377.25	0.00102	0.00109	0.00097	0.00093	9.24E-05	4.6E-06	1.8E-08	2.2E-06	9.9E-05	1.17E-04	5.82E-06	1.54E-08	1.26E-06	1.24E-04	0.000115	5.01E-06	1.26E-08	1.34E-06	0.000121
3154	490863.09	3846377.25	0.00099	0.00115	0.00093	0.00092	8.97E-05	4.9E-06	1.7E-08	2.1E-06	9.7E-05	1.13E-04	6.14E-06	1.48E-08	1.24E-06	1.21E-04	0.000112	5.28E-06	1.21E-08	1.32E-06	0.000118
3155	491363.09	3846377.25	0.00102	0.00119	0.00096	0.00094	9.24E-05	5E-06	1.8E-08	2.2E-06	1E-04	1.17E-04	6.35E-06	1.53E-08	1.27E-06	1.24E-04	0.000115	5.46E-06	1.25E-08	1.35E-06	0.000122
3156	491863.09	3846377.25	0.00115	0.00126	0.0011	0.00103	1.04E-04	5.3E-06	2.1E-08	2.4E-06	0.00011	1.32E-04	6.73E-06	1.75E-08	1.39E-06	1.40E-04	0.00013	5.79E-06	1.43E-08	1.48E-06	0.000137
3157	492363.09	3846377.25	0.00116	0.0012	0.00111	0.00106	1.05E-04	5.1E-06	2.1E-08	2.5E-06	0.00011	1.33E-04	6.41E-06	1.76E-08	1.43E-06	1.41E-04	0.000131	5.51E-06	1.44E-08	1.52E-06	0.000138
3158	492863.09	3846377.25	0.00122	0.00128	0.00116	0.0011	1.11E-04	5.4E-06	2.2E-08	2.5E-06	0.00012	1.40E-04	6.83E-06	1.84E-08	1.49E-06	1.48E-04	0.000138	5.88E-06	1.51E-08	1.58E-06	0.000145
3159	493363.09	3846377.25	0.00136	0.0014	0.0013	0.00117	1.23E-04	5.9E-06	2.4E-08	2.7E-06	0.00013	1.56E-04	7.48E-06	2.07E-08	1.58E-06	1.65E-04	0.000153	6.43E-06	1.69E-08	1.68E-06	0.000161
3160	493863.09	3846377.25	0.00147	0.00148	0.00141	0.00124	1.33E-04	6.3E-06	2.6E-08	2.9E-06	0.00014	1.68E-04	7.9E-06	2.24E-08	1.68E-06	1.78E-04	0.000166	6.8E-06	1.83E-08	1.78E-06	0.000174
3161	494363.09	3846377.25	0.00158	0.00159	0.00152	0.00131	1.43E-04	6.7E-06	2.8E-08	3E-06	0.00015	1.81E-04	8.49E-06	2.42E-08	1.77E-06	1.91E-04	0.000178	7.3E-06	1.97E-08	1.88E-06	0.000187
3162	494863.09	3846377.25	0.0017	0.00168	0.00163	0.00137	1.54E-04	7.1E-06	3.1E-08	3.2E-06	0.00016	1.94E-04	8.97E-06	2.59E-08	1.85E-06	2.05E-04	0.000192	7.72E-06	2.12E-08	1.97E-06	0.000201
3163	495363.09	3846377.25	0.00181	0.00182	0.00173	0.00145	1.64E-04	7.7E-06	3.2E-08	3.4E-06	0.00018	2.07E-04	9.72E-06	2.75E-08	1.96E-06	2.19E-04	0.000204	8.36E-06	2.25E-08	2.08E-06	0.000215
3164	495863.09	3846377.25	0.00195	0.00208	0.00183	0.00154	1.77E-04	8.8E-06	3.4E-08	3.6E-06	0.00019	2.23E-04	1.11E-05	2.91E-08	2.08E-06	2.36E-04	0.00022	9.55E-06	2.38E-08	2.21E-06	0.000232
3165	496363.09	3846377.25	0.0021	0.00229	0.00195	0.00163	1.90E-04	9.7E-06	3.7E-08	3.8E-06	0.0002	2.40E-04	1.22E-05	3.1E-08	2.2E-06	2.55E-04	0.000237	1.05E-05	2.53E-08	2.34E-06	0.00025
3166	496863.09	3846377.25	0.00225	0.00241	0.00208	0.00172	2.04E-04	1E-05	3.9E-08	4E-06	0.00022	2.57E-04	1.29E-05	3.31E-08	2.33E-06	2.73E-04	0.000254	1.11E-05	2.7E-08	2.47E-06	0.000267
3167	497363.09	3846377.25	0.00239	0.00255	0.00222	0.0018	2.17E-04	1.1E-05	4.2E-08	4.2E-06	0.00023	2.73E-04	1.36E-05	3.53E-08	2.43E-06	2.89E-04	0.000269	1.17E-05	2.88E-08	2.58E-06	0.000284
3168	497863.09	3846377.25	0.00253	0.00271	0.00235	0.00188	2.29E-04	1.1E-05	4.4E-08	4.4E-06	0.00025	2.89E-04	1.45E-05	3.73E-08	2.54E-06	3.06E-04	0.000285	1.24E-05	3.05E-08	2.7E-06	0.0003

3169	498363.09	3846377.25	0.00265	0.00285	0.00248	0.00196	2.40E-04	1.2E-05	4.6E-08	4.5E-06	0.00026	3.03E-04	1.52E-05	3.94E-08	2.65E-06	3.21E-04	0.000299	1.31E-05	3.22E-08	2.81E-06	0.000315
3170	471363.09	3846877.25	0.00535	0.00513	0.00533	0.00423	4.85E-04	2.2E-05	1E-07	9.8E-06	0.00052	6.12E-04	2.74E-05	8.47E-08	5.72E-06	6.45E-04	0.000603	2.36E-05	6.92E-08	6.07E-06	0.000633
3171	471863.09	3846877.25	0.0054	0.00511	0.00533	0.00413	4.89E-04	2.2E-05	1E-07	9.6E-06	0.00052	6.18E-04	2.73E-05	8.47E-08	5.58E-06	6.51E-04	0.000609	2.35E-05	6.92E-08	5.93E-06	0.000638
3172	472363.09	3846877.25	0.00521	0.00495	0.00518	0.00389	4.72E-04	2.1E-05	9.7E-08	9E-06	0.0005	5.96E-04	2.64E-05	8.23E-08	5.26E-06	6.28E-04	0.000587	2.27E-05	6.72E-08	5.59E-06	0.000616
3173	472863.09	3846877.25	0.00363	0.0036	0.00376	0.00264	3.29E-04	1.5E-05	7E-08	6.1E-06	0.00035	4.15E-04	1.92E-05	5.98E-08	3.57E-06	4.38E-04	0.000409	1.65E-05	4.88E-08	3.79E-06	0.00043
3174	473363.09	3846877.25	0.00396	0.00386	0.00404	0.00281	3.59E-04	1.6E-05	7.6E-08	6.5E-06	0.00038	4.53E-04	2.06E-05	6.42E-08	3.8E-06	4.77E-04	0.000446	1.77E-05	5.24E-08	4.04E-06	0.000468
3175	473863.09	3846877.25	0.00422	0.00409	0.00434	0.00299	3.82E-04	1.7E-05	8.1E-08	6.9E-06	0.00041	4.83E-04	2.18E-05	6.9E-08	4.04E-06	5.09E-04	0.000476	1.88E-05	5.63E-08	4.29E-06	0.000499
3176	474363.09	3846877.25	0.00401	0.00382	0.00407	0.00277	3.63E-04	1.6E-05	7.6E-08	6.4E-06	0.00039	4.59E-04	2.04E-05	6.47E-08	3.75E-06	4.83E-04	0.000452	1.75E-05	5.28E-08	3.98E-06	0.000474
3177	474863.09	3846877.25	0.00402	0.00384	0.00402	0.00272	3.64E-04	1.6E-05	7.5E-08	6.3E-06	0.00039	4.60E-04	2.05E-05	6.39E-08	3.68E-06	4.84E-04	0.000453	1.76E-05	5.22E-08	3.91E-06	0.000475
3178	475363.09	3846877.25	0.00438	0.00424	0.00436	0.00288	3.97E-04	1.8E-05	8.2E-08	6.7E-06	0.00042	5.01E-04	2.26E-05	6.93E-08	3.89E-06	5.28E-04	0.000494	1.95E-05	5.66E-08	4.14E-06	0.000518
3179	475863.09	3846877.25	0.0057	0.00566	0.00551	0.00336	5.17E-04	2.4E-05	1E-07	7.8E-06	0.00055	6.52E-04	3.02E-05	8.76E-08	4.54E-06	6.87E-04	0.000643	2.6E-05	7.15E-08	4.83E-06	0.000674
3180	476363.09	3846877.25	0.00697	0.00698	0.00718	0.00447	6.32E-04	3E-05	1.3E-07	1E-05	0.00067	7.97E-04	3.73E-05	1.14E-07	6.04E-06	8.41E-04	0.000786	3.21E-05	9.32E-08	6.42E-06	0.000824
3181	476863.09	3846877.25	0.00701	0.00706	0.00719	0.00458	6.35E-04	3E-05	1.3E-07	1.1E-05	0.00068	8.02E-04	3.77E-05	1.14E-07	6.19E-06	8.46E-04	0.00079	3.24E-05	9.33E-08	6.58E-06	0.000829
3182	477363.09	3846877.25	0.00652	0.00645	0.00693	0.00427	5.91E-04	2.7E-05	1.3E-07	9.9E-06	0.00063	7.46E-04	3.44E-05	1.1E-07	5.77E-06	7.86E-04	0.000735	2.96E-05	9E-08	6.13E-06	0.000771
3183	477863.09	3846877.25	0.00569	0.00529	0.00596	0.0038	5.16E-04	2.2E-05	1.1E-07	8.8E-06	0.00055	6.51E-04	2.82E-05	9.47E-08	5.14E-06	6.84E-04	0.000642	2.43E-05	7.74E-08	5.46E-06	0.000671
3184	478363.09	3846877.25	0.00481	0.00507	0.00479	0.00297	4.36E-04	2.1E-05	9E-08	6.9E-06	0.00046	5.50E-04	2.71E-05	7.61E-08	4.02E-06	5.81E-04	0.000542	2.33E-05	6.22E-08	4.27E-06	0.00057
3185	478863.09	3846877.25	0.00465	0.00412	0.00491	0.00279	4.21E-04	1.7E-05	9.2E-08	6.5E-06	0.00045	5.32E-04	2.2E-05	7.8E-08	3.77E-06	5.58E-04	0.000524	1.89E-05	6.37E-08	4.01E-06	0.000547
3186	479363.09	3846877.25	0.00445	0.00421	0.00456	0.00265	4.03E-04	1.8E-05	8.5E-08	6.1E-06	0.00043	5.09E-04	2.25E-05	7.25E-08	3.58E-06	5.35E-04	0.000502	1.93E-05	5.92E-08	3.81E-06	0.000525
3187	479863.09	3846877.25	0.00347	0.00354	0.00353	0.00216	3.14E-04	1.5E-05	6.6E-08	5E-06	0.00033	3.97E-04	1.89E-05	5.61E-08	2.92E-06	4.19E-04	0.000391	1.63E-05	4.58E-08	3.1E-06	0.000411
3188	480363.09	3846877.25	0.00292	0.00273	0.00307	0.00188	2.65E-04	1.2E-05	5.7E-08	4.4E-06	0.00028	3.34E-04	1.46E-05	4.88E-08	2.54E-06	3.51E-04	0.000329	1.25E-05	3.98E-08	2.7E-06	0.000345
3189	480863.09	3846877.25	0.00266	0.00237	0.00278	0.00183	2.41E-04	1E-05	5.2E-08	4.2E-06	0.00026	3.04E-04	1.27E-05	4.42E-08	2.47E-06	3.19E-04	0.0003	1.09E-05	3.61E-08	2.63E-06	0.000313
3190	481363.09	3846877.25	0.00269	0.00251	0.00277	0.00183	2.44E-04	1.1E-05	5.2E-08	4.2E-06	0.00026	3.08E-04	1.34E-05	4.4E-08	2.47E-06	3.24E-04	0.000303	1.15E-05	3.6E-08	2.63E-06	0.000317
3191	481863.09	3846877.25	0.00256	0.00265	0.00257	0.00175	2.32E-04	1.1E-05	4.8E-08	4.1E-06	0.00025	2.93E-04	1.41E-05	4.08E-08	2.37E-06	3.09E-04	0.000289	1.22E-05	3.34E-08	2.51E-06	0.000303
3192	482363.09	3846877.25	0.00212	0.00196	0.00219	0.0016	1.92E-04	8.3E-06	4.1E-08	3.7E-06	0.0002	2.42E-04	1.05E-05	3.48E-08	2.16E-06	2.55E-04	0.000239	9E-06	2.84E-08	2.3E-06	0.00025
3193	482863.09	3846877.25	0.00207	0.00192	0.0021	0.00152	1.88E-04	8.1E-06	3.9E-08	3.5E-06	0.0002	2.37E-04	1.03E-05	3.34E-08	2.06E-06	2.49E-04	0.000233	8.82E-06	2.73E-08	2.18E-06	0.000244
3194	483363.09	3846877.25	0.00203	0.00196	0.0021	0.00149	1.84E-04	8.3E-06	3.9E-08	3.5E-06	0.0002	2.32E-04	1.05E-05	3.34E-08	2.01E-06	2.45E-04	0.000229	9E-06	2.73E-08	2.14E-06	0.00024
3195	483863.09	3846877.25	0.00193	0.00178	0.002	0.00151	1.75E-04	7.5E-06	3.7E-08	3.5E-06	0.00019	2.21E-04	9.5E-06	3.18E-08	2.04E-06	2.32E-04	0.000218	8.17E-06	2.6E-08	2.17E-06	0.000228
3196	484363.09	3846877.25	0.00186	0.00178	0.00191	0.00148	1.69E-04	7.5E-06	3.6E-08	3.4E-06	0.00018	2.13E-04	9.5E-06	3.04E-08	2E-06	2.24E-04	0.00021	8.17E-06	2.48E-08	2.13E-06	0.00022
3197	484863.09	3846877.25	0.00179	0.00162	0.00185	0.00141	1.62E-04	6.9E-06	3.5E-08	3.3E-06	0.00017	2.05E-04	8.65E-06	2.94E-08	1.91E-06	2.15E-04	0.000202	7.44E-06	2.4E-08	2.02E-06	0.000211
3198	485363.09	3846877.25	0.00176	0.00164	0.0018	0.00141	1.59E-04	6.9E-06	3.4E-08	3.3E-06	0.00017	2.01E-04	8.76E-06	2.86E-08	1.91E-06	2.12E-04	0.000198	7.53E-06	2.34E-08	2.02E-06	0.000208
3199	485863.09	3846877.25	0.0016	0.00158	0.00162	0.00135	1.45E-04	6.7E-06	3E-08	3.1E-06	0.00015	1.83E-04	8.44E-06	2.57E-08	1.83E-06	1.93E-04	0.00018	7.26E-06	2.1E-08	1.94E-06	0.00019
3200	486363.09	3846877.25	0.00162	0.0015	0.00163	0.00135	1.47E-04	6.3E-06	3.1E-08	3.1E-06	0.00016	1.85E-04	8.01E-06	2.59E-08	1.83E-06	1.95E-04	0.000183	6.89E-06	2.12E-08	1.94E-06	0.000192
3201	486863.09	3846877.25	0.00142	0.0014	0.00142	0.00117	1.29E-04	5.9E-06	2.7E-08	2.7E-06	0.00014	1.62E-04	7.48E-06	2.26E-08	1.58E-06	1.71E-04	0.00016	6.43E-06	1.84E-08	1.68E-06	0.000168
3202	487363.09	3846877.25	0.00142	0.00145	0.00143	0.00117	1.29E-04	6.1E-06	2.7E-08	2.7E-06	0.00014	1.62E-04	7.74E-06	2.27E-08	1.58E-06	1.72E-04	0.00016	6.66E-06	1.86E-08	1.68E-06	0.000168
3203	487863.09	3846877.25	0.00138	0.00133	0.00139	0.00117	1.25E-04	5.6E-06	2.6E-08	2.7E-06	0.00013	1.58E-04	7.1E-06	2.21E-08	1.58E-06	1.67E-04	0.000156	6.11E-06	1.8E-08	1.68E-06	0.000163
3204	488363.09	3846877.25	0.00133	0.00129	0.00132	0.00114	1.21E-04	5.5E-06	2.5E-08	2.6E-06	0.00013	1.52E-04	6.89E-06	2.1E-08	1.54E-06	1.61E-04	0.00015	5.92E-06	1.71E-08	1.64E-06	0.000158
3205	488863.09	3846877.25	0.00133	0.00131	0.0013	0.00112	1.21E-04	5.5E-06	2.4E-08	2.6E-06	0.00013	1.52E-04	6.99E-06	2.07E-08	1.51E-06	1.61E-04	0.00015	6.02E-06	1.69E-08	1.61E-06	0.000158
3206	489363.09	3846877.25	0.00132	0.00122	0.0013	0.00112	1.20E-04	5.2E-06	2.4E-08	2.6E-06	0.00013	1.51E-04	6.51E-06	2.07E-08	1.51E-06	1.59E-04	0.000149	5.6E-06	1.69E-08	1.61E-06	0.000156
3207	489863.09	3846877.25	0.00129	0.00129	0.00124	0.00109	1.17E-04	5.5E-06	2.3E-08	2.5E-06	0.00012	1.48E-04	6.89E-06	1.97E-08	1.47E-06	1.56E-04	0.000145	5.92E-06	1.61E-08	1.57E-06	0.000153
3208	490363.09	3846877.25	0.00118	0.0013	0.00111	0.00103	1.07E-04	5.5E-06	2.1E-08	2.4E-06	0.00011	1.35E-04	6.94E-06	1.76E-08	1.39E-06	1.43E-04	0.000133	5.97E-06	1.44E-08	1.48E-06	0.000141
3209	490863.09	3846877.25	0.00118	0.00138	0.00111	0.00104	1.07E-04	5.8E-06	2.1E-08	2.4E-06	0.00012	1.35E-04	7.37E-06	1.76E-08	1.41E-06	1.44E-04	0.000133	6.34E-06	1.44E-08	1.49E-06	0.000141
3210	491363.09	3846877.25	0.00122	0.00136	0.00115	0.00108	1.11E-04	5.8E-06	2.2E-08	2.5E-06	0.00012	1.40E-04	7.26E-06	1.83E-08	1.46E-06	1.48E-04	0.000138	6.25E-06	1.49E-08	1.55E-06	0.000145
3211	491863.09	3846877.25	0.00121	0.00127	0.00115	0.0011	1.10E-04	5.4E-06	2.2E-08	2.5E-06	0.00012	1.38E-04	6.78E-06	1.83E-08	1.49E-06	1.47E-04	0.000136	5.83E-06	1.49E-08	1.58E-06	0.000144
3212	492363.09	3846877.25	0.00139	0.00144	0.00132	0.0012	1.26E-04	6.1E-06	2.5E-08	2.8E-06	0.00013	1.59E-04	7.69E-06	2.1E-08	1.62E-06	1.68E-04	0.000157	6.61E-06	1.71E-08	1.72E-06	0.000165
3213	492863.09	3846877.25	0.00146	0.00152	0.00139	0.00124	1.32E-04	6.4E-06	2.6E-08	2.9E-06	0.00014	1.67E-04	8.12E-06	2.21E-08	1.68E-06	1.77E-04	0.000165	6.98E-06	1.8E-08	1.78E-06	0.000173
3214	493363.09	3846877.25	0.00159	0.0016	0.00151	0.00131	1.44E-04	6.8E-06	2.8E-08	3E-06	0.00015	1.82E-04	8.54E-06	2.4E-08	1.77E-06	1.92E-04	0.000179	7.35E-06	1.96E-08	1.88E-06	0.000189
3215	493863.09	3846877.25	0.0017	0.0017	0.00162	0.00138	1.54E-04	7.2E-06	3E-08	3.2E-06	0.00016	1.94E-04	9.08E-06	2.57E-08	1.87E-06	2.05E-04	0.000192	7.81E-06	2.1E-08	1.98E-06	0.000201
3216	494363.09	3846877.25	0.00179	0.00178	0.00171	0.00143	1.62E-04	7.5E-06	3.2E-08	3.3E-06	0.00017	2.05E-04	9.5E-06	2.72E-08	1.93E-06	2.16E-04	0.000202	8.17E-06	2.22E-08	2.05E-06	0.000212
3217	494863.09	3846877.25	0.00192	0.00192	0.00181	0.00151	1.74E-04	8.1E-06	3.4E-08	3.5E-06	0.00019	2.20E-04	1.03E-05	2.88E-08	2.04E-06	2.32E-04	0.000216	8.82E-06	2.35E-08	2.17E-06	0.000227
3218	495363.09	3846877.25	0.00204	0.00218	0.00189	0.00159	1.85E-04	9.2E-06	3.5E-08	3.7E-06	0.0002	2.33E-04	1.16E-05	3E-08	2.15E-06	2.47E-04	0.00023	1E-05	2.45E-08	2.28E-06	0.000242
3219	495863.09	3846877.25	0.00217	0.00238	0.002	0.00166	1.97E-04	1E-05	3.7E-08	3.8E-06	0.00021	2.48E-04	1.27E-05	3.18E-08	2.24E-06	2.63E-04	0.000245	1.09E-05	2.6E-08	2.38E-06	0.000258
3220	496363.09	3846877.25	0.00232	0.00251	0.00214	0.00176	2.10E-04	1.1E-05	4E-08	4.1E-06	0.00022	2.65E-04	1.34E-05	3.4E-08	2.38E-06	2.81E-04	0.000262	1.15E-05	2.78E-08	2.53E-06	0.000276
3221	496863.09	3846877.25	0.00251	0.0027	0.00232	0.00189	2.27E-04	1.1E-05	4.3E-08	4.4E-06	0.00024	2.87E-04	1.44E-05	3.69E-08	2.56E-06	3.04E-04	0.000283	1.24E-05	3.01E-08	2.71E-06	0.000298
3222	497363.09	3846877.25	0.00276	0.00297	0.00256	0.00202	2.50E-04	1.3E-05	4.8E-08	4.7E-06	0.00027	3.16E-04	1.59E-05	4.07E-08	2.73E-06	3.34E-04	0.000311	1.36E-05	3.32E-08	2.9E-06	0.000328
3223	497863.09	3846877.25	0.003	0.00322	0.00279	0.00216	2.72E-04	1.4E-05	5.2E-08	5E-06	0.00029	3.43E-04	1.72E-05	4.43E-08	2.92E-06	3.63E-04	0.000338	1.48E-05	3.62E-08	3.1E-06	0.000356
3224	498363.09	3846877.25	0.00311	0.00333	0.00292	0.00227	2.82E-04	1.4E-05	5.5E-08	5.3E-06	0.0003	3.56E-04	1.78E-05	4.64E-08	3.07E-06	3.77E-04	0.000351	1.53E-05	3.79E-08	3.26E-06	0.000369
3225	471363.09	3847377.25	0.00573	0.00557	0.00564	0.0045	5.19E-04	2.4E-05	1.1E-07	1E-05	0.00055	6.55E-04	2.97E-05	8.96E-08	6.08E-06	6.91E-04	0.000646	2.56E-05	7.32E-08	6.46E-06	0.000678
3226	471863.09	3847377.25	0.00583	0.00561	0.00579	0.00464	5.28E-04	2.4E-05	1.1E-07	1.1E-05	0.00056	6.67E-04	3E-05	9.2E-08	6.27E-06	7.03E-04	0.000657	2.58E-05	7.52E-08	6.66E-06	0.00069
3227	472363.09	3847377.25	0.00591	0.00562	0.00585	0.00458	5.36E-04	2.4E-05	1.1E-07	1.1E-05	0.00057	6.76E-04	3E-05	9.3E-08	6.19E-06	7.12E-04	0.000666	2.58E-05	7.59E-08	6.58E-06	0.000699
3228	472863.09	3847377.25	0.00575	0.00547	0.00568	0.00425	5.21E-04	2.3E-05	1.1E-07	9.8E-06	0.00055	6.58E-04	2.92E-05	9.03E-08	5.75E-06	6.93E-04	0.000648	2.51E-05	7.37E-08	6.1E-06	0.00068
3229	473363.09	3847377.25	0.00483	0.00471	0.00493	0.00342	4.38E-04	2E-05	9.2E-08	7.9E-06	0.00047	5.52E-04	2.51E-05	7.84E-08	4.62E-06	5.82E-04	0.000545	2.16E-05	6.4E-08	4.91E-06	0.000571

3230	473863.09	3847377.25	0.00477	0.00463	0.00487	0.00336	4.32E-04	2E-05	9.1E-08	7.8E-06	0.00046	5.46E-04	2.47E-05	7.74E-08	4.54E-06	5.75E-04	0.000538	2.13E-05	6.32E-08	4.83E-06	0.000564
3231	474363.09	3847377.25	0.00496	0.00478	0.00506	0.00349	4.49E-04	2E-05	9.5E-08	8.1E-06	0.00048	5.67E-04	2.55E-05	8.04E-08	4.72E-06	5.98E-04	0.000559	2.2E-05	6.57E-08	5.01E-06	0.000586
3232	474863.09	3847377.25	0.00459	0.00438	0.00468	0.00317	4.16E-04	1.9E-05	8.8E-08	7.3E-06	0.00044	5.25E-04	2.34E-05	7.44E-08	4.29E-06	5.53E-04	0.000518	2.01E-05	6.07E-08	4.55E-06	0.000542
3233	475363.09	3847377.25	0.00433	0.00413	0.00432	0.00288	3.92E-04	1.7E-05	8.1E-08	6.7E-06	0.00042	4.95E-04	2.21E-05	6.87E-08	3.89E-06	5.21E-04	0.000488	1.9E-05	5.61E-08	4.14E-06	0.000511
3234	475863.09	3847377.25	0.00511	0.00491	0.00503	0.00334	4.63E-04	2.1E-05	9.4E-08	7.7E-06	0.00049	5.84E-04	2.62E-05	7.99E-08	4.52E-06	6.15E-04	0.000576	2.25E-05	6.53E-08	4.8E-06	0.000604
3235	476363.09	3847377.25	0.00676	0.00666	0.00647	0.00405	6.13E-04	2.8E-05	1.2E-07	9.4E-06	0.00065	7.73E-04	3.56E-05	1.03E-07	5.48E-06	8.14E-04	0.000762	3.06E-05	8.4E-08	5.82E-06	0.000799
3236	476863.09	3847377.25	0.00775	0.00777	0.00795	0.00493	7.02E-04	3.3E-05	1.5E-07	1.1E-05	0.00075	8.86E-04	4.15E-05	1.26E-07	6.67E-06	9.35E-04	0.000874	3.57E-05	1.03E-07	7.08E-06	0.000917
3237	477363.09	3847377.25	0.00795	0.00803	0.00816	0.00522	7.20E-04	3.4E-05	1.5E-07	1.2E-05	0.00077	9.09E-04	4.29E-05	1.3E-07	7.06E-06	9.59E-04	0.000896	3.69E-05	1.06E-07	7.5E-06	0.000941
3238	477863.09	3847377.25	0.00722	0.00703	0.0077	0.00471	6.54E-04	3E-05	1.4E-07	1.1E-05	0.0007	8.26E-04	3.75E-05	1.22E-07	6.37E-06	8.70E-04	0.000814	3.23E-05	9.99E-08	6.76E-06	0.000853
3239	478363.09	3847377.25	0.00639	0.00604	0.00658	0.00422	5.79E-04	2.6E-05	1.2E-07	9.8E-06	0.00061	7.31E-04	3.23E-05	1.05E-07	5.71E-06	7.69E-04	0.00072	2.77E-05	8.54E-08	6.06E-06	0.000754
3240	478863.09	3847377.25	0.00564	0.00587	0.00567	0.0034	5.11E-04	2.5E-05	1.1E-07	7.9E-06	0.00054	6.45E-04	3.13E-05	9.01E-08	4.6E-06	6.81E-04	0.000636	2.7E-05	7.36E-08	4.88E-06	0.000668
3241	479363.09	3847377.25	0.00456	0.00396	0.00483	0.00275	4.13E-04	1.7E-05	9E-08	6.4E-06	0.00044	5.22E-04	2.11E-05	7.68E-08	3.72E-06	5.47E-04	0.000514	1.82E-05	6.27E-08	3.95E-06	0.000536
3242	479863.09	3847377.25	0.00338	0.00335	0.0035	0.00218	3.06E-04	1.4E-05	6.6E-08	5E-06	0.00033	3.87E-04	1.79E-05	5.56E-08	2.95E-06	4.07E-04	0.000381	1.54E-05	4.54E-08	3.13E-06	0.0004
3243	480363.09	3847377.25	0.00231	0.00235	0.00232	0.00171	2.09E-04	9.9E-06	4.3E-08	4E-06	0.00022	2.64E-04	1.25E-05	3.69E-08	2.31E-06	2.79E-04	0.00026	1.08E-05	3.01E-08	2.46E-06	0.000274
3244	480863.09	3847377.25	0.00205	0.00192	0.00212	0.00159	1.86E-04	8.1E-06	4E-08	3.7E-06	0.0002	2.34E-04	1.03E-05	3.37E-08	2.15E-06	2.47E-04	0.000231	8.82E-06	2.75E-08	2.28E-06	0.000242
3245	481363.09	3847377.25	0.00225	0.00209	0.00233	0.00168	2.04E-04	8.8E-06	4.4E-08	3.9E-06	0.00022	2.57E-04	1.12E-05	3.7E-08	2.27E-06	2.71E-04	0.000254	9.6E-06	3.02E-08	2.41E-06	0.000266
3246	481863.09	3847377.25	0.00284	0.00284	0.00288	0.00191	2.57E-04	1.2E-05	5.4E-08	4.4E-06	0.00027	3.25E-04	1.52E-05	4.58E-08	2.58E-06	3.43E-04	0.00032	1.3E-05	3.74E-08	2.74E-06	0.000336
3247	482363.09	3847377.25	0.00265	0.0026	0.00268	0.00185	2.40E-04	1.1E-05	5E-08	4.3E-06	0.00026	3.03E-04	1.39E-05	4.26E-08	2.5E-06	3.20E-04	0.000299	1.19E-05	3.48E-08	2.66E-06	0.000313
3248	482863.09	3847377.25	0.00242	0.00219	0.00246	0.00173	2.19E-04	9.3E-06	4.6E-08	4E-06	0.00023	2.77E-04	1.17E-05	3.91E-08	2.34E-06	2.91E-04	0.000273	1.01E-05	3.19E-08	2.48E-06	0.000285
3249	483363.09	3847377.25	0.0023	0.00222	0.00237	0.00165	2.08E-04	9.4E-06	4.4E-08	3.8E-06	0.00022	2.63E-04	1.19E-05	3.77E-08	2.23E-06	2.77E-04	0.000259	1.02E-05	3.08E-08	2.37E-06	0.000272
3250	483863.09	3847377.25	0.00222	0.00197	0.00231	0.00167	2.01E-04	8.3E-06	4.3E-08	3.9E-06	0.00021	2.54E-04	1.05E-05	3.67E-08	2.26E-06	2.67E-04	0.00025	9.05E-06	3E-08	2.4E-06	0.000262
3251	484363.09	3847377.25	0.00225	0.00217	0.0023	0.00169	2.04E-04	9.2E-06	4.3E-08	3.9E-06	0.00022	2.57E-04	1.16E-05	3.66E-08	2.29E-06	2.71E-04	0.000254	9.97E-06	2.99E-08	2.43E-06	0.000266
3252	484863.09	3847377.25	0.00212	0.00191	0.00219	0.00159	1.92E-04	8.1E-06	4.1E-08	3.7E-06	0.0002	2.42E-04	1.02E-05	3.48E-08	2.15E-06	2.55E-04	0.000239	8.77E-06	2.84E-08	2.28E-06	0.00025
3253	485363.09	3847377.25	0.00203	0.00185	0.00209	0.00156	1.84E-04	7.8E-06	3.9E-08	3.6E-06	0.0002	2.32E-04	9.88E-06	3.32E-08	2.11E-06	2.44E-04	0.000229	8.5E-06	2.71E-08	2.24E-06	0.00024
3254	485863.09	3847377.25	0.00196	0.00191	0.00198	0.00155	1.78E-04	8.1E-06	3.7E-08	3.6E-06	0.00019	2.24E-04	1.02E-05	3.15E-08	2.1E-06	2.37E-04	0.000221	8.77E-06	2.57E-08	2.23E-06	0.000232
3255	486363.09	3847377.25	0.00192	0.0018	0.00193	0.0015	1.74E-04	7.6E-06	3.6E-08	3.5E-06	0.00019	2.20E-04	9.61E-06	3.07E-08	2.03E-06	2.31E-04	0.000216	8.27E-06	2.51E-08	2.15E-06	0.000227
3256	486863.09	3847377.25	0.00172	0.00167	0.00174	0.00135	1.56E-04	7.1E-06	3.3E-08	3.1E-06	0.00017	1.97E-04	8.92E-06	2.77E-08	1.83E-06	2.08E-04	0.000194	7.67E-06	2.26E-08	1.94E-06	0.000204
3257	487363.09	3847377.25	0.0017	0.00168	0.00173	0.00134	1.54E-04	7.1E-06	3.2E-08	3.1E-06	0.00016	1.94E-04	8.97E-06	2.75E-08	1.81E-06	2.05E-04	0.000192	7.72E-06	2.25E-08	1.92E-06	0.000201
3258	487863.09	3847377.25	0.00156	0.00147	0.00157	0.0013	1.41E-04	6.2E-06	2.9E-08	3E-06	0.00015	1.78E-04	7.85E-06	2.5E-08	1.76E-06	1.88E-04	0.000176	6.75E-06	2.04E-08	1.87E-06	0.000185
3259	488363.09	3847377.25	0.00153	0.00149	0.0015	0.00126	1.39E-04	6.3E-06	2.8E-08	2.9E-06	0.00015	1.75E-04	7.96E-06	2.38E-08	1.7E-06	1.85E-04	0.000173	6.84E-06	1.95E-08	1.81E-06	0.000181
3260	488863.09	3847377.25	0.00152	0.00142	0.00148	0.00123	1.38E-04	6E-06	2.8E-08	2.8E-06	0.00015	1.74E-04	7.58E-06	2.35E-08	1.66E-06	1.83E-04	0.000171	6.52E-06	1.92E-08	1.77E-06	0.00018
3261	489363.09	3847377.25	0.00151	0.00141	0.00147	0.00123	1.37E-04	6E-06	2.8E-08	2.8E-06	0.00015	1.73E-04	7.53E-06	2.34E-08	1.66E-06	1.82E-04	0.00017	6.48E-06	1.91E-08	1.77E-06	0.000179
3262	489863.09	3847377.25	0.00145	0.0015	0.00137	0.00118	1.31E-04	6.3E-06	2.6E-08	2.7E-06	0.00014	1.66E-04	8.01E-06	2.18E-08	1.6E-06	1.75E-04	0.000163	6.89E-06	1.78E-08	1.69E-06	0.000172
3263	490363.09	3847377.25	0.00141	0.00163	0.00131	0.00116	1.28E-04	6.9E-06	2.5E-08	2.7E-06	0.00014	1.61E-04	8.7E-06	2.08E-08	1.57E-06	1.72E-04	0.000159	7.49E-06	1.7E-08	1.67E-06	0.000168
3264	490863.09	3847377.25	0.00144	0.00163	0.00135	0.0012	1.30E-04	6.9E-06	2.5E-08	2.8E-06	0.00014	1.65E-04	8.7E-06	2.15E-08	1.62E-06	1.75E-04	0.000162	7.49E-06	1.75E-08	1.72E-06	0.000172
3265	491363.09	3847377.25	0.00146	0.00154	0.00138	0.00123	1.32E-04	6.5E-06	2.6E-08	2.8E-06	0.00014	1.67E-04	8.22E-06	2.19E-08	1.66E-06	1.77E-04	0.000165	7.07E-06	1.79E-08	1.77E-06	0.000173
3266	491863.09	3847377.25	0.0016	0.00162	0.00151	0.00131	1.45E-04	6.9E-06	2.8E-08	3E-06	0.00015	1.83E-04	8.65E-06	2.4E-08	1.77E-06	1.93E-04	0.00018	7.44E-06	1.96E-08	1.88E-06	0.00019
3267	492363.09	3847377.25	0.00163	0.00169	0.00154	0.00133	1.48E-04	7.1E-06	2.9E-08	3.1E-06	0.00016	1.86E-04	9.02E-06	2.45E-08	1.8E-06	1.97E-04	0.000184	7.76E-06	2E-08	1.91E-06	0.000193
3268	492863.09	3847377.25	0.00175	0.00177	0.00165	0.0014	1.59E-04	7.5E-06	3.1E-08	3.2E-06	0.00017	2.00E-04	9.45E-06	2.62E-08	1.89E-06	2.12E-04	0.000197	8.13E-06	2.14E-08	2.01E-06	0.000207
3269	493363.09	3847377.25	0.00186	0.00184	0.00175	0.00147	1.69E-04	7.8E-06	3.3E-08	3.4E-06	0.00018	2.13E-04	9.82E-06	2.78E-08	1.99E-06	2.25E-04	0.00021	8.45E-06	2.27E-08	2.11E-06	0.00022
3270	493863.09	3847377.25	0.00191	0.00189	0.0018	0.00151	1.73E-04	8E-06	3.4E-08	3.5E-06	0.00018	2.18E-04	1.01E-05	2.86E-08	2.04E-06	2.31E-04	0.000215	8.68E-06	2.34E-08	2.17E-06	0.000226
3271	494363.09	3847377.25	0.00199	0.00201	0.00185	0.00156	1.80E-04	8.5E-06	3.5E-08	3.6E-06	0.00019	2.28E-04	1.07E-05	2.94E-08	2.11E-06	2.40E-04	0.000224	9.23E-06	2.4E-08	2.24E-06	0.000236
3272	494863.09	3847377.25	0.0021	0.00226	0.00193	0.00163	1.90E-04	9.6E-06	3.6E-08	3.8E-06	0.0002	2.40E-04	1.21E-05	3.07E-08	2.2E-06	2.54E-04	0.000237	1.04E-05	2.51E-08	2.34E-06	0.00025
3273	495363.09	3847377.25	0.00222	0.00246	0.00203	0.0017	2.01E-04	1E-05	3.8E-08	3.9E-06	0.00022	2.54E-04	1.31E-05	3.23E-08	2.3E-06	2.69E-04	0.00025	1.13E-05	2.64E-08	2.44E-06	0.000264
3274	495863.09	3847377.25	0.00237	0.00259	0.00217	0.0018	2.15E-04	1.1E-05	4.1E-08	4.2E-06	0.00023	2.71E-04	1.38E-05	3.45E-08	2.43E-06	2.87E-04	0.000267	1.19E-05	2.82E-08	2.58E-06	0.000282
3275	496363.09	3847377.25	0.00253	0.00272	0.00233	0.0019	2.29E-04	1.2E-05	4.4E-08	4.4E-06	0.00025	2.89E-04	1.45E-05	3.7E-08	2.57E-06	3.07E-04	0.000285	1.25E-05	3.02E-08	2.73E-06	0.000301
3276	496863.09	3847377.25	0.00277	0.00299	0.00256	0.00205	2.51E-04	1.3E-05	4.8E-08	4.7E-06	0.00027	3.17E-04	1.6E-05	4.07E-08	2.77E-06	3.36E-04	0.000312	1.37E-05	3.32E-08	2.94E-06	0.000329
3277	497363.09	3847377.25	0.0031	0.00335	0.00287	0.00225	2.81E-04	1.4E-05	5.4E-08	5.2E-06	0.0003	3.55E-04	1.79E-05	4.56E-08	3.04E-06	3.76E-04	0.00035	1.54E-05	3.73E-08	3.23E-06	0.000368
3278	497863.09	3847377.25	0.0035	0.00373	0.00328	0.00249	3.17E-04	1.6E-05	6.1E-08	5.8E-06	0.00034	4.00E-04	1.99E-05	5.21E-08	3.37E-06	4.24E-04	0.000395	1.71E-05	4.26E-08	3.58E-06	0.000415
3279	498363.09	3847377.25	0.00369	0.00389	0.00349	0.00266	3.34E-04	1.6E-05	6.5E-08	6.2E-06	0.00036	4.22E-04	2.08E-05	5.55E-08	3.6E-06	4.46E-04	0.000416	1.79E-05	4.53E-08	3.82E-06	0.000438
3280	471363.09	3847877.25	0.00614	0.006	0.00612	0.00491	5.56E-04	2.5E-05	1.1E-07	1.1E-05	0.00059	7.02E-04	3.2E-05	9.73E-08	6.64E-06	7.41E-04	0.000692	2.76E-05	7.94E-08	7.05E-06	0.000727
3281	471863.09	3847877.25	0.0063	0.00614	0.00619	0.00495	5.71E-04	2.6E-05	1.2E-07	1.1E-05	0.00061	7.21E-04	3.28E-05	9.84E-08	6.69E-06	7.60E-04	0.00071	2.82E-05	8.03E-08	7.11E-06	0.000746
3282	472363.09	3847877.25	0.00641	0.00618	0.00632	0.00508	5.81E-04	2.6E-05	1.2E-07	1.2E-05	0.00062	7.33E-04	3.3E-05	1E-07	6.87E-06	7.73E-04	0.000723	2.84E-05	8.2E-08	7.3E-06	0.000758
3283	472863.09	3847877.25	0.0065	0.00619	0.00643	0.00509	5.89E-04	2.6E-05	1.2E-07	1.2E-05	0.00063	7.43E-04	3.31E-05	1.02E-07	6.88E-06	7.83E-04	0.000733	2.84E-05	8.35E-08	7.31E-06	0.000769
3284	473363.09	3847877.25	0.00659	0.00619	0.00649	0.00502	5.97E-04	2.6E-05	1.2E-07	1.2E-05	0.00064	7.54E-04	3.31E-05	1.03E-07	6.79E-06	7.94E-04	0.000743	2.84E-05	8.42E-08	7.21E-06	0.000779
3285	473863.09	3847877.25	0.00629	0.00597	0.00625	0.00464	5.70E-04	2.5E-05	1.2E-07	1.1E-05	0.00061	7.19E-04	3.19E-05	9.93E-08	6.27E-06	7.58E-04	0.000709	2.74E-05	8.11E-08	6.66E-06	0.000743
3286	474363.09	3847877.25	0.00551	0.00534	0.00561	0.00387	4.99E-04	2.3E-05	1.1E-07	9E-06	0.00053	6.30E-04	2.85E-05	8.92E-08	5.23E-06	6.64E-04	0.000621	2.45E-05	7.28E-08	5.56E-06	0.000651
3287	474863.09	3847877.25	0.00571	0.00547	0.00579	0.00401	5.17E-04	2.3E-05	1.1E-07	9.3E-06	0.00055	6.53E-04	2.92E-05	9.2E-08	5.42E-06	6.88E-04	0.000644	2.51E-05	7.52E-08	5.76E-06	0.000675
3288	475363.09	3847877.25	0.00523	0.00502	0.00535	0.00361	4.74E-04	2.1E-05	1E-07	8.4E-06	0.0005	5.98E-04	2.68E-05	8.5E-08	4.88E-06	6.30E-04	0.00059	2.31E-05	6.94E-08	5.18E-06	0.000618
3289	475863.09	3847877.25	0.00483	0.00459	0.00482	0.00317	4.38E-04	1.9E-05	9E-08	7.3E-06	0.00046	5.52E-04	2.45E-05	7.66E-08	4.29E-06	5.81E-04	0.000545	2.11E-05	6.26E-08	4.55E-06	0.00057
3290	476363.09	3847877.25	0.00605	0.00573	0.00586	0.00395	5.48E-04	2.4E-05	1.1E-07	9.1E-06	0.00058	6.92E-04	3.06E-05	9.31E-08	5.34E-06	7.28E-04	0.000682	2.63E-05	7.61E-08	5.67E-06	0.000714

3291	476863.09	3847877.25	0.00751	0.00739	0.00715	0.00449	6.81E-04	3.1E-05	1.3E-07	1E-05	0.00072	8.59E-04	3.95E-05	1.14E-07	6.07E-06	9.05E-04	0.000847	3.39E-05	9.28E-08	6.45E-06	0.000887
3292	477363.09	3847877.25	0.00888	0.00888	0.00903	0.00571	8.05E-04	3.8E-05	1.7E-07	1.3E-05	0.00086	1.02E-03	4.74E-05	1.44E-07	7.72E-06	1.07E-03	0.001001	4.08E-05	1.17E-07	8.2E-06	0.00105
3293	477863.09	3847877.25	0.00899	0.00908	0.00922	0.00591	8.15E-04	3.8E-05	1.7E-07	1.4E-05	0.00087	1.03E-03	4.85E-05	1.47E-07	7.99E-06	1.08E-03	0.001014	4.17E-05	1.2E-07	8.49E-06	0.001064
3294	478363.09	3847877.25	0.00816	0.00779	0.00868	0.00535	7.39E-04	3.3E-05	1.6E-07	1.2E-05	0.00078	9.33E-04	4.16E-05	1.38E-07	7.23E-06	9.82E-04	0.00092	3.58E-05	1.13E-07	7.68E-06	0.000964
3295	478863.09	3847877.25	0.00705	0.00688	0.00718	0.00456	6.39E-04	2.9E-05	1.3E-07	1.1E-05	0.00068	8.06E-04	3.67E-05	1.14E-07	6.17E-06	8.49E-04	0.000795	3.16E-05	9.32E-08	6.55E-06	0.000833
3296	479363.09	3847877.25	0.0047	0.00469	0.00488	0.00284	4.26E-04	2E-05	9.1E-08	6.6E-06	0.00045	5.38E-04	2.5E-05	7.76E-08	3.84E-06	5.67E-04	0.00053	2.15E-05	6.33E-08	4.08E-06	0.000556
3297	479863.09	3847877.25	0.00273	0.00256	0.00283	0.00203	2.47E-04	1.1E-05	5.3E-08	4.7E-06	0.00026	3.12E-04	1.37E-05	4.5E-08	2.74E-06	3.29E-04	0.000308	1.18E-05	3.67E-08	2.92E-06	0.000323
3298	480363.09	3847877.25	0.00282	0.00288	0.00288	0.00201	2.56E-04	1.2E-05	5.4E-08	4.7E-06	0.00027	3.23E-04	1.54E-05	4.58E-08	2.72E-06	3.41E-04	0.000318	1.32E-05	3.74E-08	2.89E-06	0.000334
3299	480863.09	3847877.25	0.00245	0.00237	0.00253	0.00181	2.22E-04	1E-05	4.7E-08	4.2E-06	0.00024	2.80E-04	1.27E-05	4.02E-08	2.45E-06	2.95E-04	0.000276	1.09E-05	3.28E-08	2.6E-06	0.00029
3300	481363.09	3847877.25	0.00247	0.00228	0.00256	0.00182	2.24E-04	9.6E-06	4.8E-08	4.2E-06	0.00024	2.83E-04	1.22E-05	4.07E-08	2.46E-06	2.97E-04	0.000278	1.05E-05	3.32E-08	2.61E-06	0.000292
3301	481863.09	3847877.25	0.0034	0.00324	0.00352	0.00218	3.08E-04	1.4E-05	6.6E-08	5E-06	0.00033	3.89E-04	1.73E-05	5.59E-08	2.95E-06	4.09E-04	0.000383	1.49E-05	4.57E-08	3.13E-06	0.000401
3302	482363.09	3847877.25	0.00316	0.00321	0.00321	0.00208	2.86E-04	1.4E-05	6E-08	4.8E-06	0.0003	3.61E-04	1.71E-05	5.1E-08	2.81E-06	3.81E-04	0.000356	1.47E-05	4.17E-08	2.99E-06	0.000374
3303	482863.09	3847877.25	0.00277	0.00253	0.00282	0.00196	2.51E-04	1.1E-05	5.3E-08	4.5E-06	0.00027	3.17E-04	1.35E-05	4.48E-08	2.65E-06	3.33E-04	0.000312	1.16E-05	3.66E-08	2.81E-06	0.000327
3304	483363.09	3847877.25	0.00265	0.00258	0.00272	0.00183	2.40E-04	1.1E-05	5.1E-08	4.2E-06	0.00026	3.03E-04	1.38E-05	4.32E-08	2.47E-06	3.19E-04	0.000299	1.18E-05	3.53E-08	2.63E-06	0.000313
3305	483863.09	3847877.25	0.00259	0.00223	0.00273	0.00186	2.35E-04	9.4E-06	5.1E-08	4.3E-06	0.00025	2.96E-04	1.19E-05	4.34E-08	2.51E-06	3.11E-04	0.000292	1.02E-05	3.54E-08	2.67E-06	0.000305
3306	484363.09	3847877.25	0.00262	0.00255	0.00268	0.00189	2.37E-04	1.1E-05	5E-08	4.4E-06	0.00025	3.00E-04	1.36E-05	4.26E-08	2.56E-06	3.16E-04	0.000295	1.17E-05	3.48E-08	2.71E-06	0.00031
3307	484863.09	3847877.25	0.00251	0.00224	0.00261	0.00181	2.27E-04	9.5E-06	4.9E-08	4.2E-06	0.00024	2.87E-04	1.2E-05	4.15E-08	2.45E-06	3.02E-04	0.000283	1.03E-05	3.39E-08	2.6E-06	0.000296
3308	485363.09	3847877.25	0.00247	0.00216	0.00257	0.00178	2.24E-04	9.1E-06	4.8E-08	4.1E-06	0.00024	2.83E-04	1.15E-05	4.08E-08	2.41E-06	2.96E-04	0.000278	9.92E-06	3.34E-08	2.56E-06	0.000291
3309	485863.09	3847877.25	0.00239	0.00236	0.00241	0.00177	2.17E-04	1E-05	4.5E-08	4.1E-06	0.00023	2.73E-04	1.26E-05	3.83E-08	2.39E-06	2.88E-04	0.000269	1.08E-05	3.13E-08	2.54E-06	0.000283
3310	486363.09	3847877.25	0.00219	0.00213	0.00219	0.00165	1.98E-04	9E-06	4.1E-08	3.8E-06	0.00021	2.50E-04	1.14E-05	3.48E-08	2.23E-06	2.64E-04	0.000247	9.78E-06	2.84E-08	2.37E-06	0.000259
3311	486863.09	3847877.25	0.00205	0.00195	0.00208	0.00152	1.86E-04	8.2E-06	3.9E-08	3.5E-06	0.0002	2.34E-04	1.04E-05	3.31E-08	2.06E-06	2.47E-04	0.000231	8.96E-06	2.7E-08	2.18E-06	0.000242
3312	487363.09	3847877.25	0.00195	0.00187	0.00196	0.00149	1.77E-04	7.9E-06	3.7E-08	3.5E-06	0.00019	2.23E-04	9.98E-06	3.12E-08	2.01E-06	2.35E-04	0.00022	8.59E-06	2.54E-08	2.14E-06	0.000231
3313	487863.09	3847877.25	0.00181	0.00171	0.00178	0.00144	1.64E-04	7.2E-06	3.3E-08	3.3E-06	0.00017	2.07E-04	9.13E-06	2.83E-08	1.95E-06	2.18E-04	0.000204	7.85E-06	2.31E-08	2.07E-06	0.000214
3314	488363.09	3847877.25	0.00176	0.00168	0.00172	0.00138	1.59E-04	7.1E-06	3.2E-08	3.2E-06	0.00017	2.01E-04	8.97E-06	2.73E-08	1.87E-06	2.12E-04	0.000198	7.72E-06	2.23E-08	1.98E-06	0.000208
3315	488863.09	3847877.25	0.00176	0.00161	0.00169	0.00136	1.59E-04	6.8E-06	3.2E-08	3.2E-06	0.00017	2.01E-04	8.6E-06	2.69E-08	1.84E-06	2.12E-04	0.000198	7.39E-06	2.19E-08	1.95E-06	0.000208
3316	489363.09	3847877.25	0.00178	0.0017	0.00169	0.00135	1.61E-04	7.2E-06	3.2E-08	3.1E-06	0.00017	2.04E-04	9.08E-06	2.69E-08	1.83E-06	2.15E-04	0.000201	7.81E-06	2.19E-08	1.94E-06	0.00021
3317	489863.09	3847877.25	0.00187	0.00206	0.00174	0.00137	1.69E-04	8.7E-06	3.3E-08	3.2E-06	0.00018	2.14E-04	1.1E-05	2.77E-08	1.85E-06	2.27E-04	0.000211	9.46E-06	2.26E-08	1.97E-06	0.000222
3318	490363.09	3847877.25	0.0019	0.00216	0.00177	0.0014	1.72E-04	9.1E-06	3.3E-08	3.2E-06	0.00018	2.17E-04	1.15E-05	2.81E-08	1.89E-06	2.31E-04	0.000214	9.92E-06	2.3E-08	2.01E-06	0.000226
3319	490863.09	3847877.25	0.00188	0.00199	0.00176	0.00144	1.70E-04	8.4E-06	3.3E-08	3.3E-06	0.00018	2.15E-04	1.06E-05	2.8E-08	1.95E-06	2.28E-04	0.000212	9.14E-06	2.28E-08	2.07E-06	0.000223
3320	491363.09	3847877.25	0.00182	0.00184	0.00171	0.00143	1.65E-04	7.8E-06	3.2E-08	3.3E-06	0.00018	2.08E-04	9.82E-06	2.72E-08	1.93E-06	2.20E-04	0.000205	8.45E-06	2.22E-08	2.05E-06	0.000216
3321	491863.09	3847877.25	0.00189	0.00192	0.00177	0.00147	1.71E-04	8.1E-06	3.3E-08	3.4E-06	0.00018	2.16E-04	1.03E-05	2.81E-08	1.99E-06	2.28E-04	0.000213	8.82E-06	2.3E-08	2.11E-06	0.000224
3322	492363.09	3847877.25	0.002	0.00202	0.00185	0.00153	1.81E-04	8.5E-06	3.5E-08	3.5E-06	0.00019	2.29E-04	1.08E-05	2.94E-08	2.07E-06	2.42E-04	0.000225	9.28E-06	2.4E-08	2.2E-06	0.000237
3323	492863.09	3847877.25	0.00207	0.00203	0.00193	0.00159	1.88E-04	8.6E-06	3.6E-08	3.7E-06	0.0002	2.37E-04	1.08E-05	3.07E-08	2.15E-06	2.50E-04	0.000233	9.32E-06	2.51E-08	2.28E-06	0.000245
3324	493363.09	3847877.25	0.00206	0.00203	0.00191	0.0016	1.87E-04	8.6E-06	3.6E-08	3.7E-06	0.0002	2.36E-04	1.08E-05	3.04E-08	2.16E-06	2.49E-04	0.000232	9.32E-06	2.48E-08	2.3E-06	0.000244
3325	493863.09	3847877.25	0.0021	0.00213	0.00193	0.00163	1.90E-04	9E-06	3.6E-08	3.8E-06	0.0002	2.40E-04	1.14E-05	3.07E-08	2.2E-06	2.54E-04	0.000237	9.78E-06	2.51E-08	2.34E-06	0.000249
3326	494363.09	3847877.25	0.0022	0.00236	0.002	0.00169	1.99E-04	1E-05	3.7E-08	3.9E-06	0.00021	2.52E-04	1.26E-05	3.18E-08	2.29E-06	2.67E-04	0.000248	1.08E-05	2.6E-08	2.43E-06	0.000261
3327	494863.09	3847877.25	0.00233	0.0026	0.0021	0.00177	2.11E-04	1.1E-05	3.9E-08	4.1E-06	0.00023	2.67E-04	1.39E-05	3.34E-08	2.39E-06	2.83E-04	0.000263	1.19E-05	2.73E-08	2.54E-06	0.000277
3328	495363.09	3847877.25	0.00241	0.00266	0.00218	0.00184	2.18E-04	1.1E-05	4.1E-08	4.3E-06	0.00023	2.76E-04	1.42E-05	3.46E-08	2.49E-06	2.92E-04	0.000272	1.22E-05	2.83E-08	2.64E-06	0.000287
3329	495863.09	3847877.25	0.00231	0.00249	0.0021	0.00181	2.09E-04	1.1E-05	3.9E-08	4.2E-06	0.00022	2.64E-04	1.33E-05	3.34E-08	2.45E-06	2.80E-04	0.00026	1.14E-05	2.73E-08	2.6E-06	0.000275
3330	496363.09	3847877.25	0.00277	0.00299	0.00253	0.00207	2.51E-04	1.3E-05	4.7E-08	4.8E-06	0.00027	3.17E-04	1.6E-05	4.02E-08	2.8E-06	3.36E-04	0.000312	1.37E-05	3.28E-08	2.97E-06	0.000329
3331	496863.09	3847877.25	0.00304	0.0033	0.00281	0.00224	2.75E-04	1.4E-05	5.3E-08	5.2E-06	0.00029	3.48E-04	1.76E-05	4.47E-08	3.03E-06	3.68E-04	0.000343	1.52E-05	3.65E-08	3.22E-06	0.000361
3332	497363.09	3847877.25	0.00339	0.00362	0.00317	0.00247	3.07E-04	1.5E-05	5.9E-08	5.7E-06	0.00033	3.88E-04	1.93E-05	5.04E-08	3.34E-06	4.10E-04	0.000382	1.66E-05	4.11E-08	3.55E-06	0.000402
3333	497863.09	3847877.25	0.00404	0.00424	0.00382	0.00289	3.66E-04	1.8E-05	7.2E-08	6.7E-06	0.00039	4.62E-04	2.26E-05	6.07E-08	3.91E-06	4.89E-04	0.000456	1.95E-05	4.96E-08	4.15E-06	0.000479
3334	498363.09	3847877.25	0.00441	0.00457	0.00417	0.00314	4.00E-04	1.9E-05	7.8E-08	7.3E-06	0.00043	5.04E-04	2.44E-05	6.63E-08	4.25E-06	5.33E-04	0.000497	2.1E-05	5.41E-08	4.51E-06	0.000523
3335	471363.09	3848377.25	0.00626	0.00602	0.00639	0.00533	5.67E-04	2.5E-05	1.2E-07	1.2E-05	0.00061	7.16E-04	3.21E-05	1.02E-07	7.21E-06	7.55E-04	0.000706	2.76E-05	8.29E-08	7.65E-06	0.000741
3336	471863.09	3848377.25	0.00661	0.00639	0.0067	0.00547	5.99E-04	2.7E-05	1.3E-07	1.3E-05	0.00064	7.56E-04	3.41E-05	1.06E-07	7.4E-06	7.98E-04	0.000745	2.93E-05	8.7E-08	7.86E-06	0.000783
3337	472363.09	3848377.25	0.00685	0.00668	0.00679	0.00542	6.21E-04	2.8E-05	1.3E-07	1.3E-05	0.00066	7.83E-04	3.57E-05	1.08E-07	7.33E-06	8.27E-04	0.000772	3.07E-05	8.81E-08	7.78E-06	0.000811
3338	472863.09	3848377.25	0.00704	0.00682	0.00691	0.00551	6.38E-04	2.9E-05	1.3E-07	1.3E-05	0.00068	8.05E-04	3.64E-05	1.1E-07	7.45E-06	8.49E-04	0.000794	3.13E-05	8.97E-08	7.91E-06	0.000833
3339	473363.09	3848377.25	0.00716	0.00685	0.00705	0.0056	6.49E-04	2.9E-05	1.3E-07	1.3E-05	0.00069	8.19E-04	3.66E-05	1.12E-07	7.57E-06	8.63E-04	0.000807	3.15E-05	9.15E-08	8.04E-06	0.000847
3340	473863.09	3848377.25	0.00727	0.00686	0.00715	0.00558	6.59E-04	2.9E-05	1.3E-07	1.3E-05	0.0007	8.32E-04	3.66E-05	1.14E-07	7.54E-06	8.76E-04	0.00082	3.15E-05	9.28E-08	8.01E-06	0.000859
3341	474363.09	3848377.25	0.00714	0.00676	0.00704	0.00528	6.47E-04	2.9E-05	1.3E-07	1.2E-05	0.00069	8.17E-04	3.61E-05	1.12E-07	7.14E-06	8.60E-04	0.000805	3.1E-05	9.14E-08	7.58E-06	0.000844
3342	474863.09	3848377.25	0.00645	0.00622	0.0065	0.00454	5.85E-04	2.6E-05	1.2E-07	1.1E-05	0.00062	7.38E-04	3.32E-05	1.03E-07	6.14E-06	7.77E-04	0.000727	2.86E-05	8.44E-08	6.52E-06	0.000762
3343	475363.09	3848377.25	0.00679	0.00643	0.00681	0.00484	6.15E-04	2.7E-05	1.3E-07	1.1E-05	0.00065	7.77E-04	3.43E-05	1.08E-07	6.54E-06	8.18E-04	0.000766	2.95E-05	8.84E-08	6.95E-06	0.000802
3344	475863.09	3848377.25	0.00617	0.0059	0.00629	0.00427	5.59E-04	2.5E-05	1.2E-07	9.9E-06	0.00059	7.06E-04	3.15E-05	1E-07	5.77E-06	7.43E-04	0.000696	2.71E-05	8.16E-08	6.13E-06	0.000729
3345	476363.09	3848377.25	0.00551	0.00521	0.00549	0.00358	4.99E-04	2.2E-05	1E-07	8.3E-06	0.00053	6.30E-04	2.78E-05	8.73E-08	4.84E-06	6.63E-04	0.000621	2.39E-05	7.13E-08	5.14E-06	0.00065
3346	476863.09	3848377.25	0.00697	0.0065	0.00665	0.00455	6.32E-04	2.7E-05	1.2E-07	1.1E-05	0.00067	7.97E-04	3.47E-05	1.06E-07	6.15E-06	8.38E-04	0.000786	2.99E-05	8.63E-08	6.53E-06	0.000822
3347	477363.09	3848377.25	0.00829	0.00814	0.00785	0.00491	7.51E-04	3.4E-05	1.5E-07	1.1E-05	0.0008	9.48E-04	4.35E-05	1.25E-07	6.64E-06	9.98E-04	0.000935	3.74E-05	1.02E-07	7.05E-06	0.000979
3348	477863.09	3848377.25	0.00997	0.00997	0.01007	0.00637	9.04E-04	4.2E-05	1.9E-07	1.5E-05	0.00096	1.14E-03	5.32E-05	1.6E-07	8.61E-06	1.20E-03	0.001124	4.58E-05	1.31E-07	9.15E-06	0.001179
3349	478363.09	3848377.25	0.00998	0.0101	0.01028	0.0065	9.04E-04	4.3E-05	1.9E-07	1.5E-05	0.00096	1.14E-03	5.39E-05	1.63E-07	8.79E-06	1.20E-03	0.001125	4.64E-05	1.33E-07	9.33E-06	0.001181
3350	478863.09	3848377.25	0.00868	0.00814	0.00926	0.00553	7.87E-04	3.4E-05	1.7E-07	1.3E-05	0.00083	9.93E-04	4.35E-05	1.47E-07	7.48E-06	1.04E-03	0.000979	3.74E-05	1.2E-07	7.94E-06	0.001024
3351	479363.09	3848377.25	0.00589	0.00603	0.00603	0.00363	5.34E-04	2.6E-05	1.1E-07	8.4E-06	0.00057	6.74E-04	3.22E-05	9.58E-08	4.91E-06	7.11E-04	0.000664	2.77E-05	7.83E-08	5.21E-06	0.000697

3352	479863.09	3848377.25	0.00202	0.002	0.00207	0.00176	1.83E-04	8.5E-06	3.9E-08	4.1E-06	0.0002	2.31E-04	1.07E-05	3.29E-08	2.38E-06	2.44E-04	0.000228	9.18E-06	2.69E-08	2.53E-06	0.000239
3353	480363.09	3848377.25	0.00286	0.00276	0.00294	0.00212	2.59E-04	1.2E-05	5.5E-08	4.9E-06	0.00028	3.27E-04	1.47E-05	4.67E-08	2.87E-06	3.45E-04	0.000322	1.27E-05	3.82E-08	3.04E-06	0.000338
3354	480863.09	3848377.25	0.00401	0.00418	0.00411	0.00248	3.63E-04	1.8E-05	7.7E-08	5.7E-06	0.00039	4.59E-04	2.23E-05	6.53E-08	3.35E-06	4.84E-04	0.000452	1.92E-05	5.33E-08	3.56E-06	0.000475
3355	481363.09	3848377.25	0.00396	0.00343	0.00423	0.00243	3.59E-04	1.5E-05	7.9E-08	5.6E-06	0.00038	4.53E-04	1.83E-05	6.72E-08	3.29E-06	4.75E-04	0.000446	1.58E-05	5.49E-08	3.49E-06	0.000466
3356	481863.09	3848377.25	0.00402	0.00372	0.0042	0.0025	3.64E-04	1.6E-05	7.9E-08	5.8E-06	0.00039	4.60E-04	1.99E-05	6.68E-08	3.38E-06	4.83E-04	0.000453	1.71E-05	5.45E-08	3.59E-06	0.000474
3357	482363.09	3848377.25	0.00402	0.00401	0.00411	0.00245	3.64E-04	1.7E-05	7.7E-08	5.7E-06	0.00039	4.60E-04	2.14E-05	6.53E-08	3.31E-06	4.85E-04	0.000453	1.84E-05	5.33E-08	3.52E-06	0.000475
3358	482863.09	3848377.25	0.00338	0.00324	0.00344	0.00225	3.06E-04	1.4E-05	6.4E-08	5.2E-06	0.00033	3.87E-04	1.73E-05	5.47E-08	3.04E-06	4.07E-04	0.000381	1.49E-05	4.47E-08	3.23E-06	0.000399
3359	483363.09	3848377.25	0.00326	0.00315	0.00333	0.00214	2.95E-04	1.3E-05	6.2E-08	5E-06	0.00031	3.73E-04	1.68E-05	5.29E-08	2.89E-06	3.93E-04	0.000368	1.45E-05	4.32E-08	3.07E-06	0.000385
3360	483863.09	3848377.25	0.00296	0.00252	0.00312	0.00208	2.68E-04	1.1E-05	5.8E-08	4.8E-06	0.00028	3.39E-04	1.35E-05	4.96E-08	2.81E-06	3.55E-04	0.000334	1.16E-05	4.05E-08	2.99E-06	0.000348
3361	484363.09	3848377.25	0.00289	0.00277	0.00299	0.00208	2.62E-04	1.2E-05	5.6E-08	4.8E-06	0.00028	3.31E-04	1.48E-05	4.75E-08	2.81E-06	3.48E-04	0.000326	1.27E-05	3.88E-08	2.99E-06	0.000342
3362	484863.09	3848377.25	0.00308	0.00272	0.00321	0.00212	2.79E-04	1.2E-05	6E-08	4.9E-06	0.0003	3.52E-04	1.45E-05	5.1E-08	2.87E-06	3.70E-04	0.000347	1.25E-05	4.17E-08	3.04E-06	0.000363
3363	485363.09	3848377.25	0.00293	0.00247	0.00306	0.00203	2.66E-04	1E-05	5.7E-08	4.7E-06	0.00028	3.35E-04	1.32E-05	4.86E-08	2.74E-06	3.51E-04	0.00033	1.13E-05	3.97E-08	2.92E-06	0.000345
3364	485863.09	3848377.25	0.0028	0.0028	0.0028	0.00197	2.54E-04	1.2E-05	5.2E-08	4.6E-06	0.00027	3.20E-04	1.5E-05	4.45E-08	2.66E-06	3.38E-04	0.000316	1.29E-05	3.63E-08	2.83E-06	0.000331
3365	486363.09	3848377.25	0.00261	0.00257	0.00262	0.00185	2.37E-04	1.1E-05	4.9E-08	4.3E-06	0.00025	2.99E-04	1.37E-05	4.16E-08	2.5E-06	3.15E-04	0.000294	1.18E-05	3.4E-08	2.66E-06	0.000309
3366	486863.09	3848377.25	0.00241	0.00222	0.00245	0.00173	2.18E-04	9.4E-06	4.6E-08	4E-06	0.00023	2.76E-04	1.19E-05	3.89E-08	2.34E-06	2.90E-04	0.000272	1.02E-05	3.18E-08	2.48E-06	0.000284
3367	487363.09	3848377.25	0.00216	0.00204	0.00214	0.00163	1.96E-04	8.6E-06	4E-08	3.8E-06	0.00021	2.47E-04	1.09E-05	3.4E-08	2.2E-06	2.60E-04	0.000244	9.37E-06	2.78E-08	2.34E-06	0.000255
3368	487863.09	3848377.25	0.00211	0.00202	0.00206	0.0016	1.91E-04	8.5E-06	3.9E-08	3.7E-06	0.0002	2.41E-04	1.08E-05	3.27E-08	2.16E-06	2.54E-04	0.000238	9.28E-06	2.67E-08	2.3E-06	0.00025
3369	488363.09	3848377.25	0.00206	0.00192	0.00199	0.00154	1.87E-04	8.1E-06	3.7E-08	3.6E-06	0.0002	2.36E-04	1.03E-05	3.16E-08	2.08E-06	2.48E-04	0.000232	8.82E-06	2.58E-08	2.21E-06	0.000243
3370	488863.09	3848377.25	0.00207	0.00192	0.00197	0.00152	1.88E-04	8.1E-06	3.7E-08	3.5E-06	0.0002	2.37E-04	1.03E-05	3.13E-08	2.06E-06	2.49E-04	0.000233	8.82E-06	2.56E-08	2.18E-06	0.000244
3371	489363.09	3848377.25	0.00214	0.00218	0.00198	0.00151	1.94E-04	9.2E-06	3.7E-08	3.5E-06	0.00021	2.45E-04	1.16E-05	3.15E-08	2.04E-06	2.58E-04	0.000241	1E-05	2.57E-08	2.17E-06	0.000253
3372	489863.09	3848377.25	0.0023	0.0026	0.00213	0.00156	2.08E-04	1.1E-05	4E-08	3.6E-06	0.00022	2.63E-04	1.39E-05	3.39E-08	2.11E-06	2.79E-04	0.000259	1.19E-05	2.76E-08	2.24E-06	0.000274
3373	490363.09	3848377.25	0.00232	0.00251	0.00215	0.00162	2.10E-04	1.1E-05	4E-08	3.8E-06	0.00022	2.65E-04	1.34E-05	3.42E-08	2.19E-06	2.81E-04	0.000262	1.15E-05	2.79E-08	2.33E-06	0.000275
3374	490863.09	3848377.25	0.00225	0.0023	0.00209	0.00164	2.04E-04	9.7E-06	3.9E-08	3.8E-06	0.00022	2.57E-04	1.23E-05	3.32E-08	2.22E-06	2.72E-04	0.000254	1.06E-05	2.71E-08	2.36E-06	0.000267
3375	491363.09	3848377.25	0.00225	0.00223	0.00208	0.00165	2.04E-04	9.4E-06	3.9E-08	3.8E-06	0.00022	2.57E-04	1.19E-05	3.31E-08	2.23E-06	2.72E-04	0.000254	1.02E-05	2.7E-08	2.37E-06	0.000266
3376	491863.09	3848377.25	0.0023	0.00233	0.00211	0.00169	2.08E-04	9.9E-06	3.9E-08	3.9E-06	0.00022	2.63E-04	1.24E-05	3.35E-08	2.29E-06	2.78E-04	0.000259	1.07E-05	2.74E-08	2.43E-06	0.000272
3377	492363.09	3848377.25	0.00226	0.00223	0.00208	0.00169	2.05E-04	9.4E-06	3.9E-08	3.9E-06	0.00022	2.58E-04	1.19E-05	3.31E-08	2.29E-06	2.73E-04	0.000255	1.02E-05	2.7E-08	2.43E-06	0.000268
3378	492863.09	3848377.25	0.00221	0.00218	0.00202	0.00168	2.00E-04	9.2E-06	3.8E-08	3.9E-06	0.00021	2.53E-04	1.16E-05	3.21E-08	2.27E-06	2.67E-04	0.000249	1E-05	2.62E-08	2.41E-06	0.000262
3379	493363.09	3848377.25	0.00228	0.00234	0.00206	0.00173	2.07E-04	9.9E-06	3.9E-08	4E-06	0.00022	2.61E-04	1.25E-05	3.27E-08	2.34E-06	2.76E-04	0.000257	1.07E-05	2.67E-08	2.48E-06	0.00027
3380	493863.09	3848377.25	0.00235	0.00253	0.00211	0.00177	2.13E-04	1.1E-05	3.9E-08	4.1E-06	0.00023	2.69E-04	1.35E-05	3.35E-08	2.39E-06	2.85E-04	0.000265	1.16E-05	2.74E-08	2.54E-06	0.000279
3381	494363.09	3848377.25	0.00244	0.00273	0.00218	0.00183	2.21E-04	1.2E-05	4.1E-08	4.2E-06	0.00024	2.79E-04	1.46E-05	3.46E-08	2.47E-06	2.96E-04	0.000275	1.25E-05	2.83E-08	2.63E-06	0.00029
3382	494863.09	3848377.25	0.0026	0.00288	0.00234	0.00195	2.36E-04	1.2E-05	4.4E-08	4.5E-06	0.00025	2.97E-04	1.54E-05	3.72E-08	2.64E-06	3.15E-04	0.000293	1.32E-05	3.04E-08	2.8E-06	0.000309
3383	495363.09	3848377.25	0.00259	0.00281	0.00233	0.00198	2.35E-04	1.2E-05	4.4E-08	4.6E-06	0.00025	2.96E-04	1.5E-05	3.7E-08	2.68E-06	3.14E-04	0.000292	1.29E-05	3.02E-08	2.84E-06	0.000308
3384	495863.09	3848377.25	0.00271	0.00295	0.00246	0.00207	2.46E-04	1.2E-05	4.6E-08	4.8E-06	0.00026	3.10E-04	1.58E-05	3.91E-08	2.8E-06	3.29E-04	0.000306	1.35E-05	3.19E-08	2.97E-06	0.000322
3385	496363.09	3848377.25	0.00302	0.00329	0.00278	0.00227	2.74E-04	1.4E-05	5.2E-08	5.3E-06	0.00029	3.45E-04	1.76E-05	4.42E-08	3.07E-06	3.66E-04	0.000341	1.51E-05	3.61E-08	3.26E-06	0.000359
3386	496863.09	3848377.25	0.00311	0.00335	0.00289	0.00237	2.82E-04	1.4E-05	5.4E-08	5.5E-06	0.0003	3.56E-04	1.79E-05	4.59E-08	3.2E-06	3.77E-04	0.000351	1.54E-05	3.75E-08	3.4E-06	0.000369
3387	497363.09	3848377.25	0.00359	0.0038	0.00336	0.00269	3.25E-04	1.6E-05	6.3E-08	6.2E-06	0.00035	4.11E-04	2.03E-05	5.34E-08	3.64E-06	4.35E-04	0.000405	1.75E-05	4.36E-08	3.86E-06	0.000426
3388	497863.09	3848377.25	0.00489	0.0051	0.00463	0.00345	4.43E-04	2.2E-05	8.7E-08	8E-06	0.00047	5.59E-04	2.72E-05	7.36E-08	4.66E-06	5.91E-04	0.000551	2.34E-05	6.01E-08	4.95E-06	0.00058
3389	498363.09	3848377.25	0.00521	0.0054	0.00498	0.00369	4.72E-04	2.3E-05	9.3E-08	8.5E-06	0.0005	5.96E-04	2.88E-05	7.91E-08	4.99E-06	6.30E-04	0.000587	2.48E-05	6.46E-08	5.3E-06	0.000618
3390	471363.09	3848877.25	0.00613	0.00598	0.00601	0.00502	5.56E-04	2.5E-05	1.1E-07	1.2E-05	0.00059	7.01E-04	3.19E-05	9.55E-08	6.79E-06	7.40E-04	0.000691	2.75E-05	7.8E-08	7.21E-06	0.000726
3391	471863.09	3848877.25	0.00661	0.00637	0.00662	0.00556	5.99E-04	2.7E-05	1.2E-07	1.3E-05	0.00064	7.56E-04	3.4E-05	1.05E-07	7.52E-06	7.98E-04	0.000745	2.93E-05	8.59E-08	7.98E-06	0.000783
3392	472363.09	3848877.25	0.00705	0.00675	0.00716	0.00595	6.39E-04	2.9E-05	1.3E-07	1.4E-05	0.00068	8.06E-04	3.6E-05	1.14E-07	8.05E-06	8.51E-04	0.000795	3.1E-05	9.29E-08	8.54E-06	0.000835
3393	472863.09	3848877.25	0.00744	0.00716	0.00748	0.00608	6.74E-04	3E-05	1.4E-07	1.4E-05	0.00072	8.51E-04	3.82E-05	1.19E-07	8.22E-06	8.98E-04	0.000839	3.29E-05	9.71E-08	8.73E-06	0.000881
3394	473363.09	3848877.25	0.00776	0.00749	0.00765	0.00615	7.03E-04	3.2E-05	1.4E-07	1.4E-05	0.00075	8.88E-04	4E-05	1.22E-07	8.32E-06	9.36E-04	0.000875	3.44E-05	9.93E-08	8.83E-06	0.000918
3395	473863.09	3848877.25	0.00795	0.00763	0.0078	0.00621	7.20E-04	3.2E-05	1.5E-07	1.4E-05	0.00077	9.09E-04	4.07E-05	1.24E-07	8.4E-06	9.59E-04	0.000896	3.5E-05	1.01E-07	8.92E-06	0.00094
3396	474363.09	3848877.25	0.00817	0.00768	0.00801	0.00632	7.40E-04	3.2E-05	1.5E-07	1.5E-05	0.00079	9.34E-04	4.1E-05	1.27E-07	8.55E-06	9.84E-04	0.000921	3.53E-05	1.04E-07	9.08E-06	0.000966
3397	474863.09	3848877.25	0.00789	0.00754	0.00776	0.00574	7.15E-04	3.2E-05	1.5E-07	1.3E-05	0.00076	9.02E-04	4.03E-05	1.23E-07	7.76E-06	9.51E-04	0.00089	3.46E-05	1.01E-07	8.24E-06	0.000933
3398	475363.09	3848877.25	0.0077	0.00735	0.00764	0.0055	6.98E-04	3.1E-05	1.4E-07	1.3E-05	0.00074	8.81E-04	3.92E-05	1.21E-07	7.44E-06	9.28E-04	0.000868	3.38E-05	9.92E-08	7.9E-06	0.00091
3399	475863.09	3848877.25	0.00784	0.00737	0.00781	0.00565	7.10E-04	3.1E-05	1.5E-07	1.3E-05	0.00075	8.97E-04	3.94E-05	1.24E-07	7.64E-06	9.44E-04	0.000884	3.38E-05	1.01E-07	8.11E-06	0.000926
3400	476363.09	3848877.25	0.00742	0.00701	0.00747	0.00519	6.72E-04	3E-05	1.4E-07	1.2E-05	0.00071	8.49E-04	3.74E-05	1.19E-07	7.02E-06	8.93E-04	0.000837	3.22E-05	9.7E-08	7.45E-06	0.000876
3401	476863.09	3848877.25	0.00683	0.0064	0.0068	0.00448	6.19E-04	2.7E-05	1.3E-07	1E-05	0.00066	7.81E-04	3.42E-05	1.08E-07	6.06E-06	8.22E-04	0.00077	2.94E-05	8.83E-08	6.43E-06	0.000806
3402	477363.09	3848877.25	0.0081	0.00738	0.00763	0.00527	7.34E-04	3.1E-05	1.4E-07	1.2E-05	0.00078	9.26E-04	3.94E-05	1.21E-07	7.13E-06	9.73E-04	0.000913	3.39E-05	9.9E-08	7.57E-06	0.000955
3403	477863.09	3848877.25	0.0095	0.00925	0.0089	0.00568	8.61E-04	3.9E-05	1.7E-07	1.3E-05	0.00091	1.09E-03	4.94E-05	1.41E-07	7.68E-06	1.14E-03	0.001071	4.25E-05	1.16E-07	8.16E-06	0.001122
3404	478363.09	3848877.25	0.01141	0.0114	0.01143	0.00738	1.03E-03	4.8E-05	2.1E-07	1.7E-05	0.0011	1.31E-03	6.09E-05	1.82E-07	9.98E-06	1.38E-03	0.001286	5.24E-05	1.48E-07	1.06E-05	0.00135
3405	478863.09	3848877.25	0.01114	0.01126	0.01154	0.00714	1.01E-03	4.8E-05	2.2E-07	1.7E-05	0.00107	1.27E-03	6.01E-05	1.83E-07	9.65E-06	1.34E-03	0.001256	5.17E-05	1.5E-07	1.03E-05	0.001318
3406	479363.09	3848877.25	0.00908	0.00842	0.00968	0.00561	8.23E-04	3.6E-05	1.8E-07	1.3E-05	0.00087	1.04E-03	4.5E-05	1.54E-07	7.59E-06	1.09E-03	0.001024	3.87E-05	1.26E-07	8.06E-06	0.001071
3407	479863.09	3848877.25	0.00652	0.00678	0.00663	0.00388	5.91E-04	2.9E-05	1.2E-07	9E-06	0.00063	7.46E-04	3.62E-05	1.05E-07	5.25E-06	7.87E-04	0.000735	3.11E-05	8.61E-08	5.57E-06	0.000772
3408	480363.09	3848877.25	0.00622	0.00563	0.00646	0.00361	5.64E-04	2.4E-05	1.2E-07	8.4E-06	0.0006	7.11E-04	3.01E-05	1.03E-07	4.88E-06	7.46E-04	0.000701	2.59E-05	8.39E-08	5.18E-06	0.000732
3409	480863.09	3848877.25	0.00635	0.0062	0.0066	0.00357	5.75E-04	2.6E-05	1.2E-07	8.3E-06	0.00061	7.26E-04	3.31E-05	1.05E-07	4.83E-06	7.64E-04	0.000716	2.85E-05	8.57E-08	5.13E-06	0.00075
3410	481363.09	3848877.25	0.00581	0.00566	0.00603	0.00324	5.27E-04	2.4E-05	1.1E-07	7.5E-06	0.00056	6.65E-04	3.02E-05	9.58E-08	4.38E-06	6.99E-04	0.000655	2.6E-05	7.83E-08	4.65E-06	0.000686
3411	481863.09	3848877.25	0.00483	0.00419	0.00507	0.00287	4.38E-04	1.8E-05	9.5E-08	6.6E-06	0.00046	5.52E-04	2.24E-05	8.06E-08	3.88E-06	5.79E-04	0.000545	1.92E-05	6.58E-08	4.12E-06	0.000568
3412	482363.09	3848877.25	0.00395	0.00385	0.00402	0.00249	3.58E-04	1.6E-05	7.5E-08	5.8E-06	0.00038	4.52E-04	2.06E-05	6.39E-08	3.37E-06	4.76E-04	0.000445	1.77E-05	5.22E-08	3.58E-06	0.000467

3413	482863.09	3848877.25	0.00326	0.00323	0.0033	0.00226	2.95E-04	1.4E-05	6.2E-08	5.2E-06	0.00031	3.73E-04	1.72E-05	5.24E-08	3.06E-06	3.93E-04	0.000368	1.48E-05	4.28E-08	3.25E-06	0.000386
3414	483363.09	3848877.25	0.00284	0.00277	0.00289	0.00207	2.57E-04	1.2E-05	5.4E-08	4.8E-06	0.00027	3.25E-04	1.48E-05	4.59E-08	2.8E-06	3.42E-04	0.00032	1.27E-05	3.75E-08	2.97E-06	0.000336
3415	483863.09	3848877.25	0.00279	0.00248	0.00291	0.00203	2.53E-04	1E-05	5.4E-08	4.7E-06	0.00027	3.19E-04	1.32E-05	4.62E-08	2.74E-06	3.35E-04	0.000315	1.14E-05	3.78E-08	2.92E-06	0.000329
3416	484363.09	3848877.25	0.00329	0.00306	0.00339	0.00229	2.98E-04	1.3E-05	6.3E-08	5.3E-06	0.00032	3.76E-04	1.63E-05	5.39E-08	3.1E-06	3.96E-04	0.000371	1.41E-05	4.4E-08	3.29E-06	0.000388
3417	484863.09	3848877.25	0.00376	0.00341	0.00393	0.00244	3.41E-04	1.4E-05	7.4E-08	5.7E-06	0.00036	4.30E-04	1.82E-05	6.25E-08	3.3E-06	4.52E-04	0.000424	1.57E-05	5.1E-08	3.5E-06	0.000443
3418	485363.09	3848877.25	0.00354	0.00289	0.00372	0.00233	3.21E-04	1.2E-05	7E-08	5.4E-06	0.00034	4.05E-04	1.54E-05	5.91E-08	3.15E-06	4.24E-04	0.000399	1.33E-05	4.83E-08	3.35E-06	0.000416
3419	485863.09	3848877.25	0.00333	0.0034	0.00333	0.00222	3.02E-04	1.4E-05	6.2E-08	5.1E-06	0.00032	3.81E-04	1.82E-05	5.29E-08	3E-06	4.02E-04	0.000375	1.56E-05	4.32E-08	3.19E-06	0.000394
3420	486363.09	3848877.25	0.00299	0.00294	0.003	0.00204	2.71E-04	1.2E-05	5.6E-08	4.7E-06	0.00029	3.42E-04	1.57E-05	4.77E-08	2.76E-06	3.60E-04	0.000337	1.35E-05	3.89E-08	2.93E-06	0.000354
3421	486863.09	3848877.25	0.00266	0.00236	0.00269	0.00189	2.41E-04	1E-05	5E-08	4.4E-06	0.00026	3.04E-04	1.26E-05	4.28E-08	2.56E-06	3.19E-04	0.0003	1.08E-05	3.49E-08	2.71E-06	0.000314
3422	487363.09	3848877.25	0.00263	0.00252	0.00256	0.00186	2.38E-04	1.1E-05	4.8E-08	4.3E-06	0.00025	3.01E-04	1.35E-05	4.07E-08	2.51E-06	3.17E-04	0.000297	1.16E-05	3.32E-08	2.67E-06	0.000311
3423	487863.09	3848877.25	0.00251	0.00234	0.00243	0.00179	2.27E-04	9.9E-06	4.5E-08	4.1E-06	0.00024	2.87E-04	1.25E-05	3.86E-08	2.42E-06	3.02E-04	0.000283	1.07E-05	3.15E-08	2.57E-06	0.000296
3424	488363.09	3848877.25	0.0025	0.00236	0.00236	0.00175	2.27E-04	1E-05	4.4E-08	4.1E-06	0.00024	2.86E-04	1.26E-05	3.75E-08	2.37E-06	3.01E-04	0.000282	1.08E-05	3.06E-08	2.51E-06	0.000295
3425	488863.09	3848877.25	0.00251	0.00241	0.00233	0.0017	2.27E-04	1E-05	4.4E-08	3.9E-06	0.00024	2.87E-04	1.29E-05	3.7E-08	2.3E-06	3.02E-04	0.000283	1.11E-05	3.02E-08	2.44E-06	0.000297
3426	489363.09	3848877.25	0.00263	0.00286	0.00243	0.00171	2.38E-04	1.2E-05	4.5E-08	4E-06	0.00025	3.01E-04	1.53E-05	3.86E-08	2.31E-06	3.18E-04	0.000297	1.31E-05	3.15E-08	2.46E-06	0.000312
3427	489863.09	3848877.25	0.00276	0.00301	0.00255	0.00179	2.50E-04	1.3E-05	4.8E-08	4.1E-06	0.00027	3.16E-04	1.61E-05	4.05E-08	2.42E-06	3.34E-04	0.000311	1.38E-05	3.31E-08	2.57E-06	0.000328
3428	490363.09	3848877.25	0.00269	0.00279	0.00247	0.00183	2.44E-04	1.2E-05	4.6E-08	4.2E-06	0.00026	3.08E-04	1.49E-05	3.93E-08	2.47E-06	3.25E-04	0.000303	1.28E-05	3.21E-08	2.63E-06	0.000319
3429	490863.09	3848877.25	0.00265	0.00262	0.00242	0.00183	2.40E-04	1.1E-05	4.5E-08	4.2E-06	0.00026	3.03E-04	1.4E-05	3.85E-08	2.47E-06	3.20E-04	0.000299	1.2E-05	3.14E-08	2.63E-06	0.000313
3430	491363.09	3848877.25	0.00269	0.00267	0.00243	0.00187	2.44E-04	1.1E-05	4.5E-08	4.3E-06	0.00026	3.08E-04	1.43E-05	3.86E-08	2.53E-06	3.25E-04	0.000303	1.23E-05	3.15E-08	2.69E-06	0.000318
3431	491863.09	3848877.25	0.00262	0.00257	0.00235	0.00185	2.37E-04	1.1E-05	4.4E-08	4.3E-06	0.00025	3.00E-04	1.37E-05	3.73E-08	2.5E-06	3.16E-04	0.000295	1.18E-05	3.05E-08	2.66E-06	0.00031
3432	492363.09	3848877.25	0.00256	0.00251	0.00228	0.00185	2.32E-04	1.1E-05	4.3E-08	4.3E-06	0.00025	2.93E-04	1.34E-05	3.62E-08	2.5E-06	3.09E-04	0.000289	1.15E-05	2.96E-08	2.66E-06	0.000303
3433	492863.09	3848877.25	0.00247	0.00255	0.00219	0.00183	2.24E-04	1.1E-05	4.1E-08	4.2E-06	0.00024	2.83E-04	1.36E-05	3.48E-08	2.47E-06	2.99E-04	0.000278	1.17E-05	2.84E-08	2.63E-06	0.000293
3434	493363.09	3848877.25	0.00241	0.00261	0.00213	0.00181	2.18E-04	1.1E-05	4E-08	4.2E-06	0.00023	2.76E-04	1.39E-05	3.39E-08	2.45E-06	2.92E-04	0.000272	1.2E-05	2.76E-08	2.6E-06	0.000286
3435	493863.09	3848877.25	0.0026	0.0029	0.0023	0.00193	2.36E-04	1.2E-05	4.3E-08	4.5E-06	0.00025	2.97E-04	1.55E-05	3.66E-08	2.61E-06	3.16E-04	0.000293	1.33E-05	2.99E-08	2.77E-06	0.000309
3436	494363.09	3848877.25	0.00273	0.00304	0.00242	0.00204	2.47E-04	1.3E-05	4.5E-08	4.7E-06	0.00027	3.12E-04	1.62E-05	3.85E-08	2.76E-06	3.31E-04	0.000308	1.4E-05	3.14E-08	2.93E-06	0.000325
3437	494863.09	3848877.25	0.00298	0.00326	0.00267	0.00221	2.70E-04	1.4E-05	5E-08	5.1E-06	0.00029	3.41E-04	1.74E-05	4.24E-08	2.99E-06	3.61E-04	0.000336	1.5E-05	3.47E-08	3.17E-06	0.000354
3438	495363.09	3848877.25	0.00319	0.00348	0.00289	0.00235	2.89E-04	1.5E-05	5.4E-08	5.4E-06	0.00031	3.65E-04	1.86E-05	4.59E-08	3.18E-06	3.87E-04	0.00036	1.6E-05	3.75E-08	3.37E-06	0.000379
3439	495863.09	3848877.25	0.00312	0.0034	0.00286	0.00235	2.83E-04	1.4E-05	5.4E-08	5.4E-06	0.0003	3.57E-04	1.82E-05	4.55E-08	3.18E-06	3.78E-04	0.000352	1.56E-05	3.71E-08	3.37E-06	0.000371
3440	496363.09	3848877.25	0.00332	0.00358	0.00307	0.00252	3.01E-04	1.5E-05	5.7E-08	5.8E-06	0.00032	3.80E-04	1.91E-05	4.88E-08	3.41E-06	4.02E-04	0.000374	1.64E-05	3.98E-08	3.62E-06	0.000394
3441	496863.09	3848877.25	0.00382	0.00408	0.00357	0.00287	3.46E-04	1.7E-05	6.7E-08	6.6E-06	0.00037	4.37E-04	2.18E-05	5.67E-08	3.88E-06	4.63E-04	0.000431	1.87E-05	4.63E-08	4.12E-06	0.000454
3442	497363.09	3848877.25	0.00494	0.0052	0.00465	0.00355	4.48E-04	2.2E-05	8.7E-08	8.2E-06	0.00048	5.65E-04	2.78E-05	7.39E-08	4.8E-06	5.98E-04	0.000557	2.39E-05	6.04E-08	5.1E-06	0.000586
3443	497863.09	3848877.25	0.00562	0.00585	0.00537	0.00398	5.09E-04	2.5E-05	1E-07	9.2E-06	0.00054	6.43E-04	3.12E-05	8.53E-08	5.38E-06	6.80E-04	0.000634	2.69E-05	6.97E-08	5.72E-06	0.000666
3444	498363.09	3848877.25	0.00622	0.00646	0.00603	0.00438	5.64E-04	2.7E-05	1.1E-07	1E-05	0.0006	7.11E-04	3.45E-05	9.58E-08	5.92E-06	7.52E-04	0.000701	2.97E-05	7.83E-08	6.29E-06	0.000737
3445	471363.09	3849377.25	0.00593	0.00561	0.00581	0.00458	5.37E-04	2.4E-05	1.1E-07	1.1E-05	0.00057	6.78E-04	3E-05	9.23E-08	6.19E-06	7.15E-04	0.000669	2.58E-05	7.54E-08	6.58E-06	0.000701
3446	471863.09	3849377.25	0.0065	0.00622	0.00632	0.00519	5.89E-04	2.6E-05	1.2E-07	1.2E-05	0.00063	7.43E-04	3.32E-05	1E-07	7.02E-06	7.84E-04	0.000733	2.86E-05	8.2E-08	7.45E-06	0.000769
3447	472363.09	3849377.25	0.007	0.00674	0.00687	0.00574	6.34E-04	2.9E-05	1.3E-07	1.3E-05	0.00068	8.01E-04	3.6E-05	1.09E-07	7.76E-06	8.45E-04	0.000789	3.1E-05	8.92E-08	8.24E-06	0.000829
3448	472863.09	3849377.25	0.00751	0.00718	0.00752	0.00628	6.81E-04	3E-05	1.4E-07	1.5E-05	0.00073	8.59E-04	3.83E-05	1.2E-07	8.49E-06	9.06E-04	0.000847	3.3E-05	9.76E-08	9.02E-06	0.000889
3449	473363.09	3849377.25	0.00801	0.00763	0.00809	0.00668	7.26E-04	3.2E-05	1.5E-07	1.5E-05	0.00077	9.16E-04	4.07E-05	1.29E-07	9.03E-06	9.66E-04	0.000903	3.5E-05	1.05E-07	9.59E-06	0.000948
3450	473863.09	3849377.25	0.00847	0.00811	0.00845	0.00687	7.68E-04	3.4E-05	1.6E-07	1.6E-05	0.00082	9.69E-04	4.33E-05	1.34E-07	9.29E-06	1.02E-03	0.000955	3.72E-05	1.1E-07	9.87E-06	0.001002
3451	474363.09	3849377.25	0.00883	0.00846	0.00868	0.00693	8.00E-04	3.6E-05	1.6E-07	1.6E-05	0.00085	1.01E-03	4.52E-05	1.38E-07	9.37E-06	1.06E-03	0.000996	3.89E-05	1.13E-07	9.95E-06	0.001044
3452	474863.09	3849377.25	0.00915	0.00859	0.00895	0.00706	8.29E-04	3.6E-05	1.7E-07	1.6E-05	0.00088	1.05E-03	4.59E-05	1.42E-07	9.55E-06	1.10E-03	0.001032	3.94E-05	1.16E-07	1.01E-05	0.001081
3453	475363.09	3849377.25	0.00927	0.00865	0.00905	0.00697	8.40E-04	3.7E-05	1.7E-07	1.6E-05	0.00089	1.06E-03	4.62E-05	1.44E-07	9.42E-06	1.12E-03	0.001045	3.97E-05	1.17E-07	1E-05	0.001095
3454	475863.09	3849377.25	0.00949	0.00866	0.00928	0.007	8.60E-04	3.7E-05	1.7E-07	1.6E-05	0.00091	1.09E-03	4.62E-05	1.47E-07	9.46E-06	1.14E-03	0.00107	3.98E-05	1.2E-07	1.01E-05	0.00112
3455	476363.09	3849377.25	0.00956	0.0086	0.0094	0.00698	8.66E-04	3.6E-05	1.8E-07	1.6E-05	0.00092	1.09E-03	4.59E-05	1.49E-07	9.44E-06	1.15E-03	0.001078	3.95E-05	1.22E-07	1E-05	0.001128
3456	476863.09	3849377.25	0.00919	0.00837	0.0091	0.00661	8.33E-04	3.5E-05	1.7E-07	1.5E-05	0.00088	1.05E-03	4.47E-05	1.45E-07	8.94E-06	1.10E-03	0.001036	3.84E-05	1.18E-07	9.49E-06	0.001084
3457	477363.09	3849377.25	0.00862	0.00787	0.00849	0.00591	7.81E-04	3.3E-05	1.6E-07	1.4E-05	0.00083	9.86E-04	4.2E-05	1.35E-07	7.99E-06	1.04E-03	0.000972	3.61E-05	1.1E-07	8.49E-06	0.001017
3458	477863.09	3849377.25	0.00887	0.00808	0.00834	0.00563	8.04E-04	3.4E-05	1.6E-07	1.3E-05	0.00085	1.01E-03	4.31E-05	1.33E-07	7.61E-06	1.07E-03	0.001	3.71E-05	1.08E-07	8.08E-06	0.001045
3459	478363.09	3849377.25	0.01086	0.01045	0.01006	0.0065	9.84E-04	4.4E-05	1.9E-07	1.5E-05	0.00104	1.24E-03	5.58E-05	1.6E-07	8.79E-06	1.31E-03	0.001224	4.8E-05	1.31E-07	9.33E-06	0.001282
3460	478863.09	3849377.25	0.01255	0.01262	0.01259	0.00772	1.14E-03	5.3E-05	2.4E-07	1.8E-05	0.00121	1.44E-03	6.74E-05	2E-07	1.04E-05	1.51E-03	0.001415	5.8E-05	1.63E-07	1.11E-05	0.001484
3461	479363.09	3849377.25	0.01251	0.01257	0.013	0.00788	1.13E-03	5.3E-05	2.4E-07	1.8E-05	0.00121	1.43E-03	6.71E-05	2.07E-07	1.07E-05	1.51E-03	0.00141	5.77E-05	1.69E-07	1.13E-05	0.00148
3462	479863.09	3849377.25	0.00978	0.00911	0.01038	0.0059	8.86E-04	3.9E-05	1.9E-07	1.4E-05	0.00094	1.12E-03	4.86E-05	1.65E-07	7.98E-06	1.18E-03	0.001103	4.18E-05	1.35E-07	8.47E-06	0.001153
3463	480363.09	3849377.25	0.00961	0.00979	0.00963	0.00557	8.71E-04	4.1E-05	1.8E-07	1.3E-05	0.00093	1.10E-03	5.23E-05	1.53E-07	7.53E-06	1.16E-03	0.001084	4.5E-05	1.25E-07	8E-06	0.001137
3464	480863.09	3849377.25	0.00845	0.00779	0.00868	0.00463	7.66E-04	3.3E-05	1.6E-07	1.1E-05	0.00081	9.66E-04	4.16E-05	1.38E-07	6.26E-06	1.01E-03	0.000953	3.58E-05	1.13E-07	6.65E-06	0.000995
3465	481363.09	3849377.25	0.00696	0.00708	0.00712	0.00384	6.31E-04	3E-05	1.3E-07	8.9E-06	0.00067	7.96E-04	3.78E-05	1.13E-07	5.19E-06	8.39E-04	0.000785	3.25E-05	9.24E-08	5.51E-06	0.000823
3466	481863.09	3849377.25	0.00469	0.00418	0.00491	0.00287	4.25E-04	1.8E-05	9.2E-08	6.6E-06	0.00045	5.36E-04	2.23E-05	7.8E-08	3.88E-06	5.63E-04	0.000529	1.92E-05	6.37E-08	4.12E-06	0.000552
3467	482363.09	3849377.25	0.00402	0.00375	0.00407	0.00258	3.64E-04	1.6E-05	7.6E-08	6E-06	0.00039	4.60E-04	2E-05	6.47E-08	3.49E-06	4.83E-04	0.000453	1.72E-05	5.28E-08	3.71E-06	0.000474
3468	482863.09	3849377.25	0.00326	0.0032	0.0033	0.00229	2.95E-04	1.4E-05	6.2E-08	5.3E-06	0.00031	3.73E-04	1.71E-05	5.24E-08	3.1E-06	3.93E-04	0.000368	1.47E-05	4.28E-08	3.29E-06	0.000386
3469	483363.09	3849377.25	0.00296	0.00296	0.00295	0.00219	2.68E-04	1.3E-05	5.5E-08	5.1E-06	0.00029	3.39E-04	1.58E-05	4.69E-08	2.96E-06	3.57E-04	0.000334	1.36E-05	3.83E-08	3.14E-06	0.000351
3470	483863.09	3849377.25	0.00254	0.00238	0.00262	0.002	2.30E-04	1E-05	4.9E-08	4.6E-06	0.00024	2.91E-04	1.27E-05	4.16E-08	2.7E-06	3.06E-04	0.000286	1.09E-05	3.4E-08	2.87E-06	0.0003
3471	484363.09	3849377.25	0.00367	0.00334	0.00384	0.00251	3.33E-04	1.4E-05	7.2E-08	5.8E-06	0.00035	4.20E-04	1.78E-05	6.1E-08	3.39E-06	4.41E-04	0.000414	1.53E-05	4.98E-08	3.6E-06	0.000433
3472	484863.09	3849377.25	0.0045	0.00415	0.00472	0.00279	4.08E-04	1.8E-05	8.8E-08	6.5E-06	0.00043	5.15E-04	2.22E-05	7.5E-08	3.77E-06	5.41E-04	0.000507	1.91E-05	6.13E-08	4.01E-06	0.00053
3473	485363.09	3849377.25	0.0043	0.00349	0.00451	0.0027	3.90E-04	1.5E-05	8.4E-08	6.3E-06	0.00041	4.92E-04	1.86E-05	7.17E-08	3.65E-06	5.14E-04	0.000485	1.6E-05	5.85E-08	3.88E-06	0.000505

3474	485863.09	3849377.25	0.00319	0.00322	0.0032	0.00224	2.89E-04	1.4E-05	6E-08	5.2E-06	0.00031	3.65E-04	1.72E-05	5.09E-08	3.03E-06	3.85E-04	0.00036	1.48E-05	4.15E-08	3.22E-06	0.000378
3475	486363.09	3849377.25	0.00262	0.00261	0.0026	0.00196	2.37E-04	1.1E-05	4.9E-08	4.5E-06	0.00025	3.00E-04	1.39E-05	4.13E-08	2.65E-06	3.16E-04	0.000295	1.2E-05	3.37E-08	2.81E-06	0.00031
3476	486863.09	3849377.25	0.00307	0.00265	0.00305	0.00212	2.78E-04	1.1E-05	5.7E-08	4.9E-06	0.00029	3.51E-04	1.41E-05	4.85E-08	2.87E-06	3.68E-04	0.000346	1.22E-05	3.96E-08	3.04E-06	0.000361
3477	487363.09	3849377.25	0.00315	0.00308	0.00304	0.00209	2.85E-04	1.3E-05	5.7E-08	4.8E-06	0.0003	3.60E-04	1.64E-05	4.83E-08	2.83E-06	3.80E-04	0.000355	1.41E-05	3.95E-08	3E-06	0.000372
3478	487863.09	3849377.25	0.00305	0.00277	0.00289	0.00203	2.76E-04	1.2E-05	5.4E-08	4.7E-06	0.00029	3.49E-04	1.48E-05	4.59E-08	2.74E-06	3.66E-04	0.000344	1.27E-05	3.75E-08	2.92E-06	0.00036
3479	488363.09	3849377.25	0.00306	0.00297	0.00284	0.00197	2.77E-04	1.3E-05	5.3E-08	4.6E-06	0.00029	3.50E-04	1.59E-05	4.51E-08	2.66E-06	3.69E-04	0.000345	1.36E-05	3.69E-08	2.83E-06	0.000362
3480	488863.09	3849377.25	0.00318	0.00324	0.00292	0.00195	2.88E-04	1.4E-05	5.5E-08	4.5E-06	0.00031	3.64E-04	1.73E-05	4.64E-08	2.64E-06	3.84E-04	0.000359	1.49E-05	3.79E-08	2.8E-06	0.000376
3481	489363.09	3849377.25	0.00329	0.00354	0.00302	0.00198	2.98E-04	1.5E-05	5.7E-08	4.6E-06	0.00032	3.76E-04	1.89E-05	4.8E-08	2.68E-06	3.98E-04	0.000371	1.63E-05	3.92E-08	2.84E-06	0.00039
3482	489863.09	3849377.25	0.00332	0.00343	0.00302	0.00208	3.01E-04	1.5E-05	5.7E-08	4.8E-06	0.00032	3.80E-04	1.83E-05	4.8E-08	2.81E-06	4.01E-04	0.000374	1.58E-05	3.92E-08	2.99E-06	0.000393
3483	490363.09	3849377.25	0.00322	0.00322	0.00289	0.00208	2.92E-04	1.4E-05	5.4E-08	4.8E-06	0.00031	3.68E-04	1.72E-05	4.59E-08	2.81E-06	3.88E-04	0.000363	1.48E-05	3.75E-08	2.99E-06	0.000381
3484	490863.09	3849377.25	0.00322	0.0031	0.00288	0.0021	2.92E-04	1.3E-05	5.4E-08	4.9E-06	0.00031	3.68E-04	1.66E-05	4.58E-08	2.84E-06	3.88E-04	0.000363	1.42E-05	3.74E-08	3.02E-06	0.00038
3485	491363.09	3849377.25	0.00325	0.00317	0.00287	0.00213	2.95E-04	1.3E-05	5.4E-08	4.9E-06	0.00031	3.72E-04	1.69E-05	4.56E-08	2.88E-06	3.92E-04	0.000366	1.46E-05	3.73E-08	3.06E-06	0.000384
3486	491863.09	3849377.25	0.00318	0.00311	0.00277	0.00213	2.88E-04	1.3E-05	5.2E-08	4.9E-06	0.00031	3.64E-04	1.66E-05	4.4E-08	2.88E-06	3.83E-04	0.000359	1.43E-05	3.6E-08	3.06E-06	0.000376
3487	492363.09	3849377.25	0.00314	0.00322	0.00272	0.00213	2.85E-04	1.4E-05	5.1E-08	4.9E-06	0.0003	3.59E-04	1.72E-05	4.32E-08	2.88E-06	3.79E-04	0.000354	1.48E-05	3.53E-08	3.06E-06	0.000372
3488	492863.09	3849377.25	0.00294	0.00316	0.00256	0.00207	2.66E-04	1.3E-05	4.8E-08	4.8E-06	0.00028	3.36E-04	1.69E-05	4.07E-08	2.8E-06	3.56E-04	0.000331	1.45E-05	3.32E-08	2.97E-06	0.000349
3489	493363.09	3849377.25	0.003	0.00334	0.00262	0.00214	2.72E-04	1.4E-05	4.9E-08	5E-06	0.00029	3.43E-04	1.78E-05	4.16E-08	2.89E-06	3.64E-04	0.000338	1.53E-05	3.4E-08	3.07E-06	0.000357
3490	493863.09	3849377.25	0.00312	0.0035	0.00274	0.00225	2.83E-04	1.5E-05	5.1E-08	5.2E-06	0.0003	3.57E-04	1.87E-05	4.35E-08	3.04E-06	3.79E-04	0.000352	1.61E-05	3.56E-08	3.23E-06	0.000371
3491	494363.09	3849377.25	0.00339	0.00374	0.00301	0.00244	3.07E-04	1.6E-05	5.6E-08	5.7E-06	0.00033	3.88E-04	2E-05	4.78E-08	3.3E-06	4.11E-04	0.000382	1.72E-05	3.91E-08	3.5E-06	0.000403
3492	494863.09	3849377.25	0.00402	0.00437	0.00362	0.00281	3.64E-04	1.8E-05	6.8E-08	6.5E-06	0.00039	4.60E-04	2.33E-05	5.75E-08	3.8E-06	4.87E-04	0.000453	2.01E-05	4.7E-08	4.04E-06	0.000477
3493	495363.09	3849377.25	0.00439	0.00472	0.004	0.00305	3.98E-04	2E-05	7.5E-08	7.1E-06	0.00042	5.02E-04	2.52E-05	6.36E-08	4.12E-06	5.32E-04	0.000495	2.17E-05	5.19E-08	4.38E-06	0.000521
3494	495863.09	3849377.25	0.00373	0.00404	0.00344	0.00279	3.38E-04	1.7E-05	6.4E-08	6.5E-06	0.00036	4.27E-04	2.16E-05	5.47E-08	3.77E-06	4.52E-04	0.000421	1.86E-05	4.47E-08	4.01E-06	0.000443
3495	496363.09	3849377.25	0.0038	0.00411	0.00354	0.0029	3.44E-04	1.7E-05	6.6E-08	6.7E-06	0.00037	4.35E-04	2.19E-05	5.63E-08	3.92E-06	4.61E-04	0.000428	1.89E-05	4.6E-08	4.16E-06	0.000452
3496	496863.09	3849377.25	0.00513	0.00543	0.00484	0.00371	4.65E-04	2.3E-05	9.1E-08	8.6E-06	0.0005	5.87E-04	2.9E-05	7.69E-08	5.02E-06	6.21E-04	0.000578	2.49E-05	6.28E-08	5.33E-06	0.000609
3497	497363.09	3849377.25	0.00574	0.00598	0.0055	0.00415	5.20E-04	2.5E-05	1E-07	9.6E-06	0.00056	6.57E-04	3.19E-05	8.74E-08	5.61E-06	6.94E-04	0.000647	2.75E-05	7.14E-08	5.96E-06	0.000681
3498	497863.09	3849377.25	0.00761	0.00785	0.0074	0.00522	6.90E-04	3.3E-05	1.4E-07	1.2E-05	0.00074	8.70E-04	4.19E-05	1.18E-07	7.06E-06	9.20E-04	0.000858	3.61E-05	9.61E-08	7.5E-06	0.000902
3499	498363.09	3849377.25	0.00753	0.00781	0.00738	0.00533	6.82E-04	3.3E-05	1.4E-07	1.2E-05	0.00073	8.61E-04	4.17E-05	1.17E-07	7.21E-06	9.10E-04	0.000849	3.59E-05	9.58E-08	7.65E-06	0.000893
3500	471363.09	3849877.25	0.00548	0.00544	0.00536	0.0039	4.97E-04	2.3E-05	1E-07	9E-06	0.00053	6.27E-04	2.9E-05	8.52E-08	5.27E-06	6.61E-04	0.000618	2.5E-05	6.96E-08	5.6E-06	0.000649
3501	471863.09	3849877.25	0.00618	0.00587	0.00605	0.00461	5.60E-04	2.5E-05	1.1E-07	1.1E-05	0.0006	7.07E-04	3.13E-05	9.62E-08	6.23E-06	7.45E-04	0.000697	2.7E-05	7.85E-08	6.62E-06	0.00073
3502	472363.09	3849877.25	0.00687	0.00644	0.00666	0.00531	6.23E-04	2.7E-05	1.2E-07	1.2E-05	0.00066	7.86E-04	3.44E-05	1.06E-07	7.18E-06	8.27E-04	0.000775	2.96E-05	8.64E-08	7.63E-06	0.000812
3503	472863.09	3849877.25	0.00748	0.00705	0.00724	0.00595	6.78E-04	3E-05	1.4E-07	1.4E-05	0.00072	8.56E-04	3.76E-05	1.15E-07	8.05E-06	9.01E-04	0.000843	3.24E-05	9.4E-08	8.54E-06	0.000884
3504	473363.09	3849877.25	0.00798	0.00763	0.00783	0.0065	7.23E-04	3.2E-05	1.5E-07	1.5E-05	0.00077	9.13E-04	4.07E-05	1.24E-07	8.79E-06	9.62E-04	0.0009	3.5E-05	1.02E-07	9.33E-06	0.000944
3505	473863.09	3849877.25	0.00861	0.00816	0.00859	0.00711	7.80E-04	3.5E-05	1.6E-07	1.6E-05	0.00083	9.85E-04	4.36E-05	1.37E-07	9.61E-06	1.04E-03	0.000971	3.75E-05	1.12E-07	1.02E-05	0.001019
3506	474363.09	3849877.25	0.00923	0.00871	0.00925	0.00761	8.36E-04	3.7E-05	1.7E-07	1.8E-05	0.00089	1.06E-03	4.65E-05	1.47E-07	1.03E-05	1.11E-03	0.001041	4E-05	1.2E-07	1.09E-05	0.001092
3507	474863.09	3849877.25	0.00977	0.00926	0.00967	0.00783	8.85E-04	3.9E-05	1.8E-07	1.8E-05	0.00094	1.12E-03	4.94E-05	1.54E-07	1.06E-05	1.18E-03	0.001102	4.25E-05	1.26E-07	1.12E-05	0.001155
3508	475363.09	3849877.25	0.01015	0.00965	0.00994	0.00783	9.20E-04	4.1E-05	1.9E-07	1.8E-05	0.00098	1.16E-03	5.15E-05	1.58E-07	1.06E-05	1.22E-03	0.001144	4.43E-05	1.29E-07	1.12E-05	0.0012
3509	475863.09	3849877.25	0.01051	0.00981	0.01022	0.00791	9.52E-04	4.2E-05	1.9E-07	1.8E-05	0.00101	1.20E-03	5.24E-05	1.62E-07	1.07E-05	1.27E-03	0.001185	4.51E-05	1.33E-07	1.14E-05	0.001242
3510	476363.09	3849877.25	0.01079	0.00989	0.01048	0.00792	9.78E-04	4.2E-05	2E-07	1.8E-05	0.00104	1.23E-03	5.28E-05	1.67E-07	1.07E-05	1.30E-03	0.001217	4.54E-05	1.36E-07	1.14E-05	0.001273
3511	476863.09	3849877.25	0.01108	0.00989	0.01081	0.008	1.00E-03	4.2E-05	2E-07	1.9E-05	0.00106	1.27E-03	5.28E-05	1.72E-07	1.08E-05	1.33E-03	0.001249	4.54E-05	1.4E-07	1.15E-05	0.001306
3512	477363.09	3849877.25	0.01118	0.00978	0.01097	0.00794	1.01E-03	4.1E-05	2.1E-07	1.8E-05	0.00107	1.28E-03	5.22E-05	1.74E-07	1.07E-05	1.34E-03	0.001261	4.49E-05	1.42E-07	1.14E-05	0.001317
3513	477863.09	3849877.25	0.01064	0.00933	0.01043	0.0073	9.64E-04	3.9E-05	2E-07	1.7E-05	0.00102	1.22E-03	4.98E-05	1.66E-07	9.87E-06	1.28E-03	0.0012	4.28E-05	1.35E-07	1.05E-05	0.001253
3514	478363.09	3849877.25	0.01057	0.00934	0.00987	0.00661	9.58E-04	4E-05	1.8E-07	1.5E-05	0.00101	1.21E-03	4.99E-05	1.57E-07	8.94E-06	1.27E-03	0.001192	4.29E-05	1.28E-07	9.49E-06	0.001244
3515	478863.09	3849877.25	0.01284	0.01197	0.01174	0.00777	1.16E-03	5.1E-05	2.2E-07	1.8E-05	0.00123	1.47E-03	6.39E-05	1.87E-07	1.05E-05	1.54E-03	0.001448	5.5E-05	1.52E-07	1.12E-05	0.001514
3516	479363.09	3849877.25	0.01474	0.01475	0.01456	0.00938	1.34E-03	6.2E-05	2.7E-07	2.2E-05	0.00142	1.69E-03	7.88E-05	2.31E-07	1.27E-05	1.78E-03	0.001662	6.77E-05	1.89E-07	1.35E-05	0.001743
3517	479863.09	3849877.25	0.01535	0.01503	0.01573	0.01042	1.39E-03	6.4E-05	2.9E-07	2.4E-05	0.00148	1.76E-03	8.03E-05	2.5E-07	1.41E-05	1.85E-03	0.001731	6.9E-05	2.04E-07	1.5E-05	0.001815
3518	480363.09	3849877.25	0.01266	0.01199	0.01302	0.0078	1.15E-03	5.1E-05	2.4E-07	1.8E-05	0.00122	1.45E-03	6.4E-05	2.07E-07	1.05E-05	1.52E-03	0.001427	5.51E-05	1.69E-07	1.12E-05	0.001494
3519	480863.09	3849877.25	0.00998	0.00983	0.0101	0.00552	9.04E-04	4.2E-05	1.9E-07	1.3E-05	0.00096	1.14E-03	5.25E-05	1.61E-07	7.46E-06	1.20E-03	0.001125	4.51E-05	1.31E-07	7.93E-06	0.001178
3520	481363.09	3849877.25	0.00848	0.00804	0.00879	0.00451	7.68E-04	3.4E-05	1.6E-07	1E-05	0.00081	9.70E-04	4.29E-05	1.4E-07	6.1E-06	1.02E-03	0.000956	3.69E-05	1.14E-07	6.48E-06	0.001
3521	481863.09	3849877.25	0.00527	0.00526	0.00543	0.00316	4.78E-04	2.2E-05	1E-07	7.3E-06	0.00051	6.03E-04	2.81E-05	8.63E-08	4.27E-06	6.35E-04	0.000594	2.42E-05	7.05E-08	4.54E-06	0.000623
3522	482363.09	3849877.25	0.0041	0.0037	0.00421	0.0027	3.72E-04	1.6E-05	7.9E-08	6.3E-06	0.00039	4.69E-04	1.98E-05	6.69E-08	3.65E-06	4.92E-04	0.000462	1.7E-05	5.46E-08	3.88E-06	0.000483
3523	482863.09	3849877.25	0.00351	0.00343	0.00358	0.00246	3.18E-04	1.5E-05	6.7E-08	5.7E-06	0.00034	4.01E-04	1.83E-05	5.69E-08	3.33E-06	4.23E-04	0.000396	1.58E-05	4.65E-08	3.53E-06	0.000415
3524	483363.09	3849877.25	0.00306	0.00306	0.00307	0.0023	2.77E-04	1.3E-05	5.7E-08	5.3E-06	0.0003	3.50E-04	1.63E-05	4.88E-08	3.11E-06	3.69E-04	0.000345	1.41E-05	3.98E-08	3.3E-06	0.000362
3525	483863.09	3849877.25	0.00303	0.00284	0.00313	0.00228	2.75E-04	1.2E-05	5.9E-08	5.3E-06	0.00029	3.47E-04	1.52E-05	4.97E-08	3.08E-06	3.65E-04	0.000342	1.3E-05	4.06E-08	3.27E-06	0.000358
3526	484363.09	3849877.25	0.00413	0.00374	0.00432	0.00276	3.74E-04	1.6E-05	8.1E-08	6.4E-06	0.0004	4.72E-04	2E-05	6.87E-08	3.73E-06	4.96E-04	0.000466	1.72E-05	5.61E-08	3.96E-06	0.000487
3527	484863.09	3849877.25	0.00565	0.00509	0.00594	0.00328	5.12E-04	2.2E-05	1.1E-07	7.6E-06	0.00054	6.46E-04	2.72E-05	9.44E-08	4.43E-06	6.78E-04	0.000637	2.34E-05	7.71E-08	4.71E-06	0.000665
3528	485363.09	3849877.25	0.00499	0.00417	0.00519	0.00305	4.52E-04	1.8E-05	9.7E-08	7.1E-06	0.00048	5.71E-04	2.23E-05	8.25E-08	4.12E-06	5.97E-04	0.000563	1.92E-05	6.74E-08	4.38E-06	0.000586
3529	485863.09	3849877.25	0.00409	0.00409	0.00407	0.00261	3.71E-04	1.7E-05	7.6E-08	6E-06	0.00039	4.68E-04	2.18E-05	6.47E-08	3.53E-06	4.93E-04	0.000461	1.88E-05	5.28E-08	3.75E-06	0.000484
3530	486363.09	3849877.25	0.00367	0.0035	0.00364	0.00243	3.33E-04	1.5E-05	6.8E-08	5.6E-06	0.00035	4.20E-04	1.87E-05	5.79E-08	3.29E-06	4.42E-04	0.000414	1.61E-05	4.72E-08	3.49E-06	0.000433
3531	486863.09	3849877.25	0.00401	0.00351	0.00392	0.00252	3.63E-04	1.5E-05	7.3E-08	5.8E-06	0.00038	4.59E-04	1.87E-05	6.23E-08	3.41E-06	4.81E-04	0.000452	1.61E-05	5.09E-08	3.62E-06	0.000472
3532	487363.09	3849877.25	0.00393	0.00372	0.00375	0.00239	3.56E-04	1.6E-05	7E-08	5.5E-06	0.00038	4.50E-04	1.99E-05	5.96E-08	3.23E-06	4.73E-04	0.000443	1.71E-05	4.87E-08	3.43E-06	0.000464
3533	487863.09	3849877.25	0.00384	0.00364	0.00355	0.00234	3.48E-04	1.5E-05	6.6E-08	5.4E-06	0.00037	4.39E-04	1.94E-05	5.64E-08	3.16E-06	4.62E-04	0.000433	1.67E-05	4.61E-08	3.36E-06	0.000453
3534	488363.09	3849877.25	0.00392	0.00392	0.00356	0.00227	3.55E-04	1.7E-05	6.7E-08	5.3E-06	0.00038	4.48E-04	2.09E-05	5.66E-08	3.07E-06	4.72E-04	0.000442	1.8E-05	4.62E-08	3.26E-06	0.000463

3535	488863.09	3849877.25	0.00407	0.00415	0.00371	0.00228	3.69E-04	1.8E-05	6.9E-08	5.3E-06	0.00039	4.66E-04	2.22E-05	5.9E-08	3.08E-06	4.91E-04	0.000459	1.91E-05	4.82E-08	3.27E-06	0.000481
3536	489363.09	3849877.25	0.00413	0.00424	0.00371	0.00235	3.74E-04	1.8E-05	6.9E-08	5.4E-06	0.0004	4.72E-04	2.26E-05	5.9E-08	3.18E-06	4.98E-04	0.000466	1.95E-05	4.82E-08	3.37E-06	0.000489
3537	489863.09	3849877.25	0.0041	0.00412	0.00363	0.00242	3.72E-04	1.7E-05	6.8E-08	5.6E-06	0.00039	4.69E-04	2.2E-05	5.77E-08	3.27E-06	4.94E-04	0.000462	1.89E-05	4.71E-08	3.48E-06	0.000485
3538	490363.09	3849877.25	0.00401	0.00382	0.00352	0.00241	3.63E-04	1.6E-05	6.6E-08	5.6E-06	0.00039	4.59E-04	2.04E-05	5.59E-08	3.26E-06	4.82E-04	0.000452	1.75E-05	4.57E-08	3.46E-06	0.000473
3539	490863.09	3849877.25	0.00408	0.00388	0.00353	0.00246	3.70E-04	1.6E-05	6.6E-08	5.7E-06	0.00039	4.67E-04	2.07E-05	5.61E-08	3.33E-06	4.91E-04	0.00046	1.78E-05	4.58E-08	3.53E-06	0.000481
3540	491363.09	3849877.25	0.00416	0.00409	0.00355	0.00251	3.77E-04	1.7E-05	6.6E-08	5.8E-06	0.0004	4.76E-04	2.18E-05	5.64E-08	3.39E-06	5.01E-04	0.000469	1.88E-05	4.61E-08	3.6E-06	0.000491
3541	491863.09	3849877.25	0.0041	0.00418	0.00347	0.00252	3.72E-04	1.8E-05	6.5E-08	5.8E-06	0.0004	4.69E-04	2.23E-05	5.51E-08	3.41E-06	4.95E-04	0.000462	1.92E-05	4.5E-08	3.62E-06	0.000485
3542	492363.09	3849877.25	0.00409	0.00433	0.00349	0.00257	3.71E-04	1.8E-05	6.5E-08	6E-06	0.00039	4.68E-04	2.31E-05	5.55E-08	3.47E-06	4.94E-04	0.000461	1.99E-05	4.53E-08	3.69E-06	0.000485
3543	492863.09	3849877.25	0.00395	0.00436	0.00341	0.00258	3.58E-04	1.8E-05	6.4E-08	6E-06	0.00038	4.52E-04	2.33E-05	5.42E-08	3.49E-06	4.79E-04	0.000445	2E-05	4.43E-08	3.71E-06	0.000469
3544	493363.09	3849877.25	0.00384	0.00433	0.00333	0.00261	3.48E-04	1.8E-05	6.2E-08	6E-06	0.00037	4.39E-04	2.31E-05	5.29E-08	3.53E-06	4.66E-04	0.000433	1.99E-05	4.32E-08	3.75E-06	0.000457
3545	493863.09	3849877.25	0.00386	0.00428	0.0034	0.00271	3.50E-04	1.8E-05	6.4E-08	6.3E-06	0.00037	4.42E-04	2.29E-05	5.4E-08	3.66E-06	4.68E-04	0.000435	1.97E-05	4.41E-08	3.89E-06	0.000459
3546	494363.09	3849877.25	0.00479	0.00519	0.00429	0.00324	4.34E-04	2.2E-05	8E-08	7.5E-06	0.00046	5.48E-04	2.77E-05	6.82E-08	4.38E-06	5.80E-04	0.00054	2.38E-05	5.57E-08	4.65E-06	0.000569
3547	494863.09	3849877.25	0.00559	0.00602	0.00506	0.00373	5.07E-04	2.5E-05	9.5E-08	8.6E-06	0.00054	6.39E-04	3.21E-05	8.04E-08	5.04E-06	6.77E-04	0.00063	2.76E-05	6.57E-08	5.36E-06	0.000663
3548	495363.09	3849877.25	0.00514	0.00555	0.00472	0.0036	4.66E-04	2.3E-05	8.8E-08	8.3E-06	0.0005	5.88E-04	2.96E-05	7.5E-08	4.87E-06	6.22E-04	0.00058	2.55E-05	6.13E-08	5.17E-06	0.00061
3549	495863.09	3849877.25	0.00607	0.00648	0.00566	0.0042	5.50E-04	2.7E-05	1.1E-07	9.7E-06	0.00059	6.94E-04	3.46E-05	9E-08	5.68E-06	7.35E-04	0.000684	2.98E-05	7.35E-08	6.03E-06	0.00072
3550	496363.09	3849877.25	0.00657	0.00688	0.00622	0.00458	5.95E-04	2.9E-05	1.2E-07	1.1E-05	0.00064	7.51E-04	3.67E-05	9.89E-08	6.19E-06	7.94E-04	0.000741	3.16E-05	8.07E-08	6.58E-06	0.000779
3551	496863.09	3849877.25	0.00699	0.00724	0.00671	0.00493	6.33E-04	3.1E-05	1.3E-07	1.1E-05	0.00068	8.00E-04	3.87E-05	1.07E-07	6.67E-06	8.45E-04	0.000788	3.32E-05	8.71E-08	7.08E-06	0.000829
3552	497363.09	3849877.25	0.00851	0.00877	0.00829	0.00584	7.71E-04	3.7E-05	1.6E-07	1.4E-05	0.00082	9.73E-04	4.68E-05	1.32E-07	7.9E-06	1.03E-03	0.000959	4.03E-05	1.08E-07	8.39E-06	0.001008
3553	497863.09	3849877.25	0.00922	0.00945	0.0091	0.00637	8.36E-04	4E-05	1.7E-07	1.5E-05	0.00089	1.05E-03	5.05E-05	1.45E-07	8.61E-06	1.11E-03	0.00104	4.34E-05	1.18E-07	9.15E-06	0.001092
3554	498363.09	3849877.25	0.00906	0.00924	0.00899	0.00647	8.21E-04	3.9E-05	1.7E-07	1.5E-05	0.00088	1.04E-03	4.93E-05	1.43E-07	8.75E-06	1.09E-03	0.001022	4.24E-05	1.17E-07	9.29E-06	0.001073
3555	471363.09	3850377.25	0.00481	0.00503	0.00475	0.00324	4.36E-04	2.1E-05	8.9E-08	7.5E-06	0.00046	5.50E-04	2.69E-05	7.55E-08	4.38E-06	5.81E-04	0.000542	2.31E-05	6.17E-08	4.65E-06	0.00057
3556	471863.09	3850377.25	0.006	0.00621	0.00576	0.00408	5.44E-04	2.6E-05	1.1E-07	9.5E-06	0.00058	6.86E-04	3.32E-05	9.15E-08	5.52E-06	7.25E-04	0.000676	2.85E-05	7.48E-08	5.86E-06	0.000711
3557	472363.09	3850377.25	0.00649	0.00648	0.00625	0.00454	5.88E-04	2.7E-05	1.2E-07	1.1E-05	0.00063	7.42E-04	3.46E-05	9.93E-08	6.14E-06	7.83E-04	0.000732	2.98E-05	8.11E-08	6.52E-06	0.000768
3558	472863.09	3850377.25	0.00735	0.00696	0.00707	0.00546	6.66E-04	2.9E-05	1.3E-07	1.3E-05	0.00071	8.41E-04	3.72E-05	1.12E-07	7.38E-06	8.85E-04	0.000829	3.2E-05	9.18E-08	7.84E-06	0.000869
3559	473363.09	3850377.25	0.00781	0.00732	0.00751	0.00591	7.08E-04	3.1E-05	1.4E-07	1.4E-05	0.00075	8.93E-04	3.91E-05	1.19E-07	7.99E-06	9.40E-04	0.000881	3.36E-05	9.75E-08	8.49E-06	0.000923
3560	473863.09	3850377.25	0.00851	0.00803	0.0082	0.00667	7.71E-04	3.4E-05	1.5E-07	1.5E-05	0.00082	9.73E-04	4.29E-05	1.3E-07	9.02E-06	1.03E-03	0.000959	3.69E-05	1.06E-07	9.58E-06	0.001006
3561	474363.09	3850377.25	0.00925	0.00873	0.00906	0.00745	8.38E-04	3.7E-05	1.7E-07	1.7E-05	0.00089	1.06E-03	4.66E-05	1.44E-07	1.01E-05	1.11E-03	0.001043	4.01E-05	1.18E-07	1.07E-05	0.001094
3562	474863.09	3850377.25	0.01	0.00938	0.00994	0.00814	9.06E-04	4E-05	1.9E-07	1.9E-05	0.00096	1.14E-03	5.01E-05	1.58E-07	1.1E-05	1.21E-03	0.001127	4.31E-05	1.29E-07	1.17E-05	0.001182
3563	475363.09	3850377.25	0.01076	0.01006	0.01069	0.00874	9.75E-04	4.3E-05	2E-07	2E-05	0.00104	1.23E-03	5.37E-05	1.7E-07	1.18E-05	1.30E-03	0.001213	4.62E-05	1.39E-07	1.26E-05	0.001272
3564	475863.09	3850377.25	0.01139	0.01067	0.0112	0.00896	1.03E-03	4.5E-05	2.1E-07	2.1E-05	0.0011	1.30E-03	5.7E-05	1.78E-07	1.21E-05	1.37E-03	0.001284	4.9E-05	1.45E-07	1.29E-05	0.001346
3565	476363.09	3850377.25	0.0119	0.01113	0.01157	0.00899	1.08E-03	4.7E-05	2.2E-07	2.1E-05	0.00115	1.36E-03	5.94E-05	1.84E-07	1.22E-05	1.43E-03	0.001342	5.11E-05	1.5E-07	1.29E-05	0.001406
3566	476863.09	3850377.25	0.01234	0.01136	0.01192	0.00905	1.12E-03	4.8E-05	2.2E-07	2.1E-05	0.00119	1.41E-03	6.07E-05	1.89E-07	1.22E-05	1.48E-03	0.001391	5.22E-05	1.55E-07	1.3E-05	0.001457
3567	477363.09	3850377.25	0.01273	0.01144	0.0123	0.00915	1.15E-03	4.8E-05	2.3E-07	2.1E-05	0.00122	1.46E-03	6.11E-05	1.95E-07	1.24E-05	1.53E-03	0.001435	5.25E-05	1.6E-07	1.31E-05	0.001501
3568	477863.09	3850377.25	0.0129	0.01137	0.01254	0.00907	1.17E-03	4.8E-05	2.3E-07	2.1E-05	0.00124	1.48E-03	6.07E-05	1.99E-07	1.23E-05	1.55E-03	0.001454	5.22E-05	1.63E-07	1.3E-05	0.00152
3569	478363.09	3850377.25	0.01247	0.01106	0.01215	0.00849	1.13E-03	4.7E-05	2.3E-07	2E-05	0.0012	1.43E-03	5.91E-05	1.93E-07	1.15E-05	1.50E-03	0.001406	5.08E-05	1.58E-07	1.22E-05	0.001469
3570	478863.09	3850377.25	0.01304	0.01123	0.01219	0.00792	1.18E-03	4.8E-05	2.3E-07	1.8E-05	0.00125	1.49E-03	6E-05	1.94E-07	1.07E-05	1.56E-03	0.00147	5.16E-05	1.58E-07	1.14E-05	0.001533
3571	479363.09	3850377.25	0.01535	0.01374	0.01395	0.00918	1.39E-03	5.8E-05	2.6E-07	2.1E-05	0.00147	1.76E-03	7.34E-05	2.22E-07	1.24E-05	1.84E-03	0.001731	6.31E-05	1.81E-07	1.32E-05	0.001807
3572	479863.09	3850377.25	0.01736	0.01711	0.01686	0.01154	1.57E-03	7.2E-05	3.2E-07	2.7E-05	0.00167	1.99E-03	9.14E-05	2.68E-07	1.56E-05	2.09E-03	0.001957	7.86E-05	2.19E-07	1.66E-05	0.002053
3573	480363.09	3850377.25	0.01769	0.01703	0.01802	0.0119	1.60E-03	7.2E-05	3.4E-07	2.8E-05	0.0017	2.02E-03	9.09E-05	2.86E-07	1.61E-05	2.13E-03	0.001995	7.82E-05	2.34E-07	1.71E-05	0.00209
3574	480863.09	3850377.25	0.01619	0.01534	0.01603	0.01046	1.47E-03	6.5E-05	3E-07	2.4E-05	0.00156	1.85E-03	8.19E-05	2.55E-07	1.41E-05	1.95E-03	0.001825	7.04E-05	2.08E-07	1.5E-05	0.001911
3575	481363.09	3850377.25	0.01073	0.01044	0.01092	0.00577	9.72E-04	4.4E-05	2E-07	1.3E-05	0.00103	1.23E-03	5.57E-05	1.74E-07	7.8E-06	1.29E-03	0.00121	4.79E-05	1.42E-07	8.29E-06	0.001266
3576	481863.09	3850377.25	0.00981	0.00955	0.01011	0.00497	8.89E-04	4E-05	1.9E-07	1.2E-05	0.00094	1.12E-03	5.1E-05	1.61E-07	6.72E-06	1.18E-03	0.001106	4.39E-05	1.31E-07	7.14E-06	0.001157
3577	482363.09	3850377.25	0.00854	0.00759	0.00894	0.00458	7.74E-04	3.2E-05	1.7E-07	1.1E-05	0.00082	9.77E-04	4.05E-05	1.42E-07	6.19E-06	1.02E-03	0.000963	3.49E-05	1.16E-07	6.58E-06	0.001004
3578	482863.09	3850377.25	0.00549	0.00524	0.00565	0.00329	4.98E-04	2.2E-05	1.1E-07	7.6E-06	0.00053	6.28E-04	2.8E-05	8.98E-08	4.45E-06	6.60E-04	0.000619	2.41E-05	7.33E-08	4.72E-06	0.000648
3579	483363.09	3850377.25	0.0043	0.00419	0.00438	0.0029	3.90E-04	1.8E-05	8.2E-08	6.7E-06	0.00041	4.92E-04	2.24E-05	6.96E-08	3.92E-06	5.18E-04	0.000485	1.92E-05	5.69E-08	4.16E-06	0.000508
3580	483863.09	3850377.25	0.00468	0.00452	0.00486	0.00307	4.24E-04	1.9E-05	9.1E-08	7.1E-06	0.00045	5.35E-04	2.41E-05	7.72E-08	4.15E-06	5.64E-04	0.000528	2.08E-05	6.31E-08	4.41E-06	0.000553
3581	484363.09	3850377.25	0.00569	0.00503	0.00599	0.0034	5.16E-04	2.1E-05	1.1E-07	7.9E-06	0.00054	6.51E-04	2.69E-05	9.52E-08	4.6E-06	6.82E-04	0.000642	2.31E-05	7.78E-08	4.88E-06	0.00067
3582	484863.09	3850377.25	0.00687	0.0059	0.00725	0.00382	6.23E-04	2.5E-05	1.4E-07	8.8E-06	0.00066	7.86E-04	3.15E-05	1.15E-07	5.17E-06	8.23E-04	0.000775	2.71E-05	9.41E-08	5.49E-06	0.000807
3583	485363.09	3850377.25	0.0066	0.0057	0.00675	0.00371	5.98E-04	2.4E-05	1.3E-07	8.6E-06	0.00063	7.55E-04	3.04E-05	1.07E-07	5.02E-06	7.90E-04	0.000744	2.62E-05	8.76E-08	5.33E-06	0.000776
3584	485863.09	3850377.25	0.00575	0.00546	0.00577	0.00323	5.21E-04	2.3E-05	1.1E-07	7.5E-06	0.00055	6.58E-04	2.92E-05	9.17E-08	4.37E-06	6.91E-04	0.000648	2.51E-05	7.49E-08	4.64E-06	0.000678
3585	486363.09	3850377.25	0.00549	0.0051	0.00539	0.00314	4.98E-04	2.2E-05	1E-07	7.3E-06	0.00053	6.28E-04	2.72E-05	8.57E-08	4.25E-06	6.59E-04	0.000619	2.34E-05	7E-08	4.51E-06	0.000647
3586	486863.09	3850377.25	0.00533	0.00476	0.00515	0.00304	4.83E-04	2E-05	9.6E-08	7E-06	0.00051	6.10E-04	2.54E-05	8.18E-08	4.11E-06	6.39E-04	0.000601	2.19E-05	6.68E-08	4.37E-06	0.000627
3587	487363.09	3850377.25	0.00497	0.00473	0.00457	0.00278	4.50E-04	2E-05	8.6E-08	6.4E-06	0.00048	5.68E-04	2.53E-05	7.26E-08	3.76E-06	5.98E-04	0.00056	2.17E-05	5.93E-08	3.99E-06	0.000586
3588	487863.09	3850377.25	0.00506	0.00506	0.00455	0.00275	4.59E-04	2.1E-05	8.5E-08	6.4E-06	0.00049	5.79E-04	2.7E-05	7.23E-08	3.72E-06	6.10E-04	0.000571	2.32E-05	5.91E-08	3.95E-06	0.000598
3589	488363.09	3850377.25	0.00515	0.00512	0.00461	0.00267	4.67E-04	2.2E-05	8.6E-08	6.2E-06	0.00049	5.89E-04	2.73E-05	7.33E-08	3.61E-06	6.20E-04	0.000581	2.35E-05	5.98E-08	3.83E-06	0.000608
3590	488863.09	3850377.25	0.00526	0.00514	0.00468	0.00273	4.77E-04	2.2E-05	8.8E-08	6.3E-06	0.0005	6.02E-04	2.74E-05	7.44E-08	3.69E-06	6.33E-04	0.000593	2.36E-05	6.07E-08	3.92E-06	0.000621
3591	489363.09	3850377.25	0.00532	0.00532	0.00463	0.00282	4.82E-04	2.3E-05	8.7E-08	6.5E-06	0.00051	6.08E-04	2.84E-05	7.36E-08	3.81E-06	6.41E-04	0.0006	2.44E-05	6.01E-08	4.05E-06	0.000628
3592	489863.09	3850377.25	0.00523	0.00501	0.00449	0.00287	4.74E-04	2.1E-05	8.4E-08	6.6E-06	0.0005	5.98E-04	2.68E-05	7.14E-08	3.88E-06	6.29E-04	0.00059	2.3E-05	5.83E-08	4.12E-06	0.000617
3593	490363.09	3850377.25	0.00526	0.00489	0.00444	0.00291	4.77E-04	2.1E-05	8.3E-08	6.7E-06	0.0005	6.02E-04	2.61E-05	7.06E-08	3.93E-06	6.32E-04	0.000593	2.25E-05	5.76E-08	4.18E-06	0.00062
3594	490863.09	3850377.25	0.00542	0.00543	0.00449	0.00296	4.91E-04	2.3E-05	8.4E-08	6.9E-06	0.00052	6.20E-04	2.9E-05	7.14E-08	4E-06	6.53E-04	0.000611	2.49E-05	5.83E-08	4.25E-06	0.00064
3595	491363.09	3850377.25	0.00555	0.00569	0.0046	0.00302	5.03E-04	2.4E-05	8.6E-08	7E-06	0.00053	6.35E-04	3.04E-05	7.31E-08	4.08E-06	6.69E-04	0.000626	2.61E-05	5.97E-08	4.34E-06	0.000656

3596	491863.09	3850377.25	0.00545	0.00582	0.00456	0.00309	4.94E-04	2.5E-05	8.5E-08	7.2E-06	0.00053	6.23E-04	3.11E-05	7.25E-08	4.18E-06	6.59E-04	0.000614	2.67E-05	5.92E-08	4.44E-06	0.000646
3597	492363.09	3850377.25	0.00526	0.00578	0.00446	0.00315	4.77E-04	2.4E-05	8.3E-08	7.3E-06	0.00051	6.02E-04	3.09E-05	7.09E-08	4.26E-06	6.37E-04	0.000593	2.65E-05	5.79E-08	4.52E-06	0.000624
3598	492863.09	3850377.25	0.00526	0.00591	0.00453	0.00329	4.77E-04	2.5E-05	8.5E-08	7.6E-06	0.00051	6.02E-04	3.16E-05	7.2E-08	4.45E-06	6.38E-04	0.000593	2.71E-05	5.88E-08	4.72E-06	0.000625
3599	493363.09	3850377.25	0.00513	0.00566	0.00449	0.00334	4.65E-04	2.4E-05	8.4E-08	7.7E-06	0.0005	5.87E-04	3.02E-05	7.14E-08	4.52E-06	6.22E-04	0.000578	2.6E-05	5.83E-08	4.8E-06	0.000609
3600	493863.09	3850377.25	0.00577	0.00629	0.00511	0.00377	5.23E-04	2.7E-05	9.6E-08	8.7E-06	0.00056	6.60E-04	3.36E-05	8.12E-08	5.1E-06	6.99E-04	0.000651	2.89E-05	6.63E-08	5.41E-06	0.000685
3601	494363.09	3850377.25	0.00634	0.0069	0.00572	0.00418	5.75E-04	2.9E-05	1.1E-07	9.7E-06	0.00061	7.25E-04	3.68E-05	9.09E-08	5.65E-06	7.68E-04	0.000715	3.17E-05	7.42E-08	6E-06	0.000753
3602	494863.09	3850377.25	0.00727	0.00783	0.00667	0.00473	6.59E-04	3.3E-05	1.2E-07	1.1E-05	0.0007	8.32E-04	4.18E-05	1.06E-07	6.4E-06	8.80E-04	0.00082	3.6E-05	8.66E-08	6.79E-06	0.000863
3603	495363.09	3850377.25	0.00842	0.00891	0.00787	0.00543	7.63E-04	3.8E-05	1.5E-07	1.3E-05	0.00081	9.63E-04	4.76E-05	1.25E-07	7.34E-06	1.02E-03	0.000949	4.09E-05	1.02E-07	7.8E-06	0.000998
3604	495863.09	3850377.25	0.00822	0.00855	0.0078	0.00554	7.45E-04	3.6E-05	1.5E-07	1.3E-05	0.00079	9.40E-04	4.57E-05	1.24E-07	7.49E-06	9.93E-04	0.000927	3.93E-05	1.01E-07	7.96E-06	0.000974
3605	496363.09	3850377.25	0.00938	0.00962	0.00907	0.00629	8.50E-04	4.1E-05	1.7E-07	1.5E-05	0.00091	1.07E-03	5.14E-05	1.44E-07	8.5E-06	1.13E-03	0.001058	4.42E-05	1.18E-07	9.03E-06	0.001111
3606	496863.09	3850377.25	0.01051	0.01069	0.01031	0.00704	9.52E-04	4.5E-05	1.9E-07	1.6E-05	0.00101	1.20E-03	5.71E-05	1.64E-07	9.52E-06	1.27E-03	0.001185	4.91E-05	1.34E-07	1.01E-05	0.001244
3607	497363.09	3850377.25	0.01108	0.01122	0.01095	0.00756	1.00E-03	4.7E-05	2E-07	1.8E-05	0.00107	1.27E-03	5.99E-05	1.74E-07	1.02E-05	1.34E-03	0.001249	5.15E-05	1.42E-07	1.09E-05	0.001312
3608	497863.09	3850377.25	0.01113	0.01138	0.01104	0.0078	1.01E-03	4.8E-05	2.1E-07	1.8E-05	0.00108	1.27E-03	6.08E-05	1.75E-07	1.05E-05	1.34E-03	0.001255	5.23E-05	1.43E-07	1.12E-05	0.001319
3609	498363.09	3850377.25	0.01115	0.01153	0.01107	0.008	1.01E-03	4.9E-05	2.1E-07	1.9E-05	0.00108	1.28E-03	6.16E-05	1.76E-07	1.08E-05	1.35E-03	0.001257	5.3E-05	1.44E-07	1.15E-05	0.001322
3610	471363.09	3850877.25	0.00598	0.00603	0.00614	0.00406	5.42E-04	2.6E-05	1.1E-07	9.4E-06	0.00058	6.84E-04	3.22E-05	9.76E-08	5.49E-06	7.22E-04	0.000674	2.77E-05	7.97E-08	5.83E-06	0.000708
3611	471863.09	3850877.25	0.00658	0.00676	0.00654	0.00439	5.96E-04	2.9E-05	1.2E-07	1E-05	0.00064	7.53E-04	3.61E-05	1.04E-07	5.94E-06	7.95E-04	0.000742	3.1E-05	8.49E-08	6.3E-06	0.000779
3612	472363.09	3850877.25	0.00729	0.00757	0.00704	0.00493	6.61E-04	3.2E-05	1.3E-07	1.1E-05	0.0007	8.34E-04	4.04E-05	1.12E-07	6.67E-06	8.81E-04	0.000822	3.48E-05	9.14E-08	7.08E-06	0.000864
3613	472863.09	3850877.25	0.00785	0.00805	0.00744	0.00549	7.11E-04	3.4E-05	1.4E-07	1.3E-05	0.00076	8.98E-04	4.3E-05	1.18E-07	7.42E-06	9.48E-04	0.000885	3.7E-05	9.66E-08	7.88E-06	0.00093
3614	473363.09	3850877.25	0.0077	0.00779	0.00733	0.00527	6.98E-04	3.3E-05	1.4E-07	1.2E-05	0.00074	8.81E-04	4.16E-05	1.16E-07	7.13E-06	9.30E-04	0.000868	3.58E-05	9.51E-08	7.57E-06	0.000912
3615	473863.09	3850877.25	0.0084	0.00806	0.00799	0.00599	7.61E-04	3.4E-05	1.5E-07	1.4E-05	0.00081	9.61E-04	4.3E-05	1.27E-07	8.1E-06	1.01E-03	0.000947	3.7E-05	1.04E-07	8.6E-06	0.000993
3616	474363.09	3850877.25	0.00939	0.0087	0.0089	0.007	8.51E-04	3.7E-05	1.7E-07	1.6E-05	0.0009	1.07E-03	4.65E-05	1.41E-07	9.46E-06	1.13E-03	0.001059	4E-05	1.16E-07	1.01E-05	0.001109
3617	474863.09	3850877.25	0.01012	0.00938	0.00969	0.0078	9.17E-04	4E-05	1.8E-07	1.8E-05	0.00098	1.16E-03	5.01E-05	1.54E-07	1.05E-05	1.22E-03	0.001141	4.31E-05	1.26E-07	1.12E-05	0.001195
3618	475363.09	3850877.25	0.01091	0.01022	0.01062	0.00863	9.89E-04	4.3E-05	2E-07	2E-05	0.00105	1.25E-03	5.46E-05	1.69E-07	1.17E-05	1.31E-03	0.00123	4.69E-05	1.38E-07	1.24E-05	0.00129
3619	475863.09	3850877.25	0.0118	0.01097	0.01164	0.00946	1.07E-03	4.6E-05	2.2E-07	2.2E-05	0.00114	1.35E-03	5.86E-05	1.85E-07	1.28E-05	1.42E-03	0.00133	5.04E-05	1.51E-07	1.36E-05	0.001395
3620	476363.09	3850877.25	0.01269	0.01179	0.0125	0.01013	1.15E-03	5E-05	2.3E-07	2.3E-05	0.00122	1.45E-03	6.3E-05	1.99E-07	1.37E-05	1.53E-03	0.001431	5.41E-05	1.62E-07	1.45E-05	0.0015
3621	476863.09	3850877.25	0.01351	0.01259	0.01317	0.01042	1.22E-03	5.3E-05	2.5E-07	2.4E-05	0.0013	1.55E-03	6.72E-05	2.09E-07	1.41E-05	1.63E-03	0.001523	5.78E-05	1.71E-07	1.5E-05	0.001596
3622	477363.09	3850877.25	0.01421	0.01313	0.01368	0.01052	1.29E-03	5.6E-05	2.6E-07	2.4E-05	0.00137	1.63E-03	7.01E-05	2.17E-07	1.42E-05	1.71E-03	0.001602	6.03E-05	1.78E-07	1.51E-05	0.001678
3623	477863.09	3850877.25	0.01475	0.01335	0.01409	0.01062	1.34E-03	5.6E-05	2.6E-07	2.5E-05	0.00142	1.69E-03	7.13E-05	2.24E-07	1.44E-05	1.77E-03	0.001663	6.13E-05	1.83E-07	1.53E-05	0.00174
3624	478363.09	3850877.25	0.01511	0.01334	0.01446	0.0106	1.37E-03	5.6E-05	2.7E-07	2.5E-05	0.00145	1.73E-03	7.12E-05	2.3E-07	1.43E-05	1.81E-03	0.001704	6.13E-05	1.88E-07	1.52E-05	0.00178
3625	478863.09	3850877.25	0.0153	0.01312	0.01459	0.01045	1.39E-03	5.6E-05	2.7E-07	2.4E-05	0.00147	1.75E-03	7.01E-05	2.32E-07	1.41E-05	1.83E-03	0.001725	6.03E-05	1.89E-07	1.5E-05	0.001801
3626	479363.09	3850877.25	0.01563	0.01328	0.01448	0.00962	1.42E-03	5.6E-05	2.7E-07	2.2E-05	0.0015	1.79E-03	7.09E-05	2.3E-07	1.3E-05	1.87E-03	0.001762	6.1E-05	1.88E-07	1.38E-05	0.001837
3627	479863.09	3850877.25	0.01762	0.01572	0.01575	0.01004	1.60E-03	6.7E-05	2.9E-07	2.3E-05	0.00169	2.02E-03	8.39E-05	2.5E-07	1.36E-05	2.11E-03	0.001987	7.22E-05	2.04E-07	1.44E-05	0.002073
3628	480363.09	3850877.25	0.02078	0.01941	0.01972	0.0146	1.88E-03	8.2E-05	3.7E-07	3.4E-05	0.002	2.38E-03	0.000104	3.13E-07	1.97E-05	2.50E-03	0.002343	8.91E-05	2.56E-07	2.1E-05	0.002453
3629	480863.09	3850877.25	0.02184	0.02019	0.02162	0.01609	1.98E-03	8.5E-05	4E-07	3.7E-05	0.0021	2.50E-03	0.000108	3.44E-07	2.18E-05	2.63E-03	0.002462	9.27E-05	2.81E-07	2.31E-05	0.002579
3630	481363.09	3850877.25	0.01983	0.0184	0.01913	0.01275	1.80E-03	7.8E-05	3.6E-07	3E-05	0.0019	2.27E-03	9.82E-05	3.04E-07	1.72E-05	2.38E-03	0.002236	8.45E-05	2.48E-07	1.83E-05	0.002339
3631	481863.09	3850877.25	0.0163	0.01586	0.01617	0.00886	1.48E-03	6.7E-05	3E-07	2.1E-05	0.00157	1.86E-03	8.47E-05	2.57E-07	1.2E-05	1.96E-03	0.001838	7.28E-05	2.1E-07	1.27E-05	0.001924
3632	482363.09	3850877.25	0.01268	0.01188	0.01309	0.00621	1.15E-03	5E-05	2.5E-07	1.4E-05	0.00121	1.45E-03	6.34E-05	2.08E-07	8.4E-06	1.52E-03	0.00143	5.46E-05	1.7E-07	8.92E-06	0.001493
3633	482863.09	3850877.25	0.00985	0.00878	0.01019	0.00512	8.93E-04	3.7E-05	1.9E-07	1.2E-05	0.00094	1.13E-03	4.69E-05	1.62E-07	6.92E-06	1.18E-03	0.001111	4.03E-05	1.32E-07	7.35E-06	0.001158
3634	483363.09	3850877.25	0.00731	0.00692	0.00757	0.00406	6.62E-04	2.9E-05	1.4E-07	9.4E-06	0.0007	8.36E-04	3.69E-05	1.2E-07	5.49E-06	8.79E-04	0.000824	3.18E-05	9.83E-08	5.83E-06	0.000862
3635	483863.09	3850877.25	0.00709	0.00715	0.00722	0.004	6.43E-04	3E-05	1.4E-07	9.3E-06	0.00068	8.11E-04	3.82E-05	1.15E-07	5.41E-06	8.55E-04	0.000799	3.28E-05	9.37E-08	5.74E-06	0.000838
3636	484363.09	3850877.25	0.00829	0.00716	0.00864	0.00449	7.51E-04	3E-05	1.6E-07	1E-05	0.00079	9.48E-04	3.82E-05	1.37E-07	6.07E-06	9.93E-04	0.000935	3.29E-05	1.12E-07	6.45E-06	0.000974
3637	484863.09	3850877.25	0.00809	0.00661	0.00859	0.00431	7.33E-04	2.8E-05	1.6E-07	1E-05	0.00077	9.25E-04	3.53E-05	1.37E-07	5.83E-06	9.67E-04	0.000912	3.04E-05	1.12E-07	6.19E-06	0.000949
3638	485363.09	3850877.25	0.00842	0.00759	0.00847	0.00438	7.63E-04	3.2E-05	1.6E-07	1E-05	0.00081	9.63E-04	4.05E-05	1.35E-07	5.92E-06	1.01E-03	0.000949	3.49E-05	1.1E-07	6.29E-06	0.000991
3639	485863.09	3850877.25	0.00702	0.00625	0.00701	0.00375	6.36E-04	2.6E-05	1.3E-07	8.7E-06	0.00067	8.03E-04	3.34E-05	1.11E-07	5.07E-06	8.41E-04	0.000792	2.87E-05	9.1E-08	5.39E-06	0.000826
3640	486363.09	3850877.25	0.00721	0.00687	0.00689	0.00378	6.53E-04	2.9E-05	1.3E-07	8.8E-06	0.00069	8.25E-04	3.67E-05	1.1E-07	5.11E-06	8.67E-04	0.000813	3.15E-05	8.94E-08	5.43E-06	0.00085
3641	486863.09	3850877.25	0.00693	0.00603	0.0065	0.00358	6.28E-04	2.6E-05	1.2E-07	8.3E-06	0.00066	7.93E-04	3.22E-05	1.03E-07	4.84E-06	8.30E-04	0.000781	2.77E-05	8.44E-08	5.14E-06	0.000814
3642	487363.09	3850877.25	0.00659	0.0066	0.0058	0.00327	5.97E-04	2.8E-05	1.1E-07	7.6E-06	0.00063	7.54E-04	3.52E-05	9.22E-08	4.42E-06	7.94E-04	0.000743	3.03E-05	7.53E-08	4.7E-06	0.000778
3643	487863.09	3850877.25	0.0067	0.00675	0.00582	0.00322	6.07E-04	2.9E-05	1.1E-07	7.5E-06	0.00064	7.66E-04	3.6E-05	9.25E-08	4.35E-06	8.07E-04	0.000755	3.1E-05	7.55E-08	4.62E-06	0.000791
3644	488363.09	3850877.25	0.00687	0.00638	0.00599	0.00326	6.23E-04	2.7E-05	1.1E-07	7.6E-06	0.00066	7.86E-04	3.41E-05	9.52E-08	4.41E-06	8.24E-04	0.000775	2.93E-05	7.78E-08	4.68E-06	0.000809
3645	488863.09	3850877.25	0.00693	0.00669	0.00589	0.00336	6.28E-04	2.8E-05	1.1E-07	7.8E-06	0.00066	7.93E-04	3.57E-05	9.36E-08	4.54E-06	8.33E-04	0.000781	3.07E-05	7.65E-08	4.83E-06	0.000817
3646	489363.09	3850877.25	0.00708	0.00677	0.0059	0.00346	6.42E-04	2.9E-05	1.1E-07	8E-06	0.00068	8.10E-04	3.61E-05	9.38E-08	4.68E-06	8.51E-04	0.000798	3.11E-05	7.66E-08	4.97E-06	0.000834
3647	489863.09	3850877.25	0.00716	0.00671	0.00582	0.00353	6.49E-04	2.8E-05	1.1E-07	8.2E-06	0.00069	8.19E-04	3.58E-05	9.25E-08	4.77E-06	8.60E-04	0.000807	3.08E-05	7.55E-08	5.07E-06	0.000843
3648	490363.09	3850877.25	0.00743	0.00748	0.00597	0.00363	6.73E-04	3.2E-05	1.1E-07	8.4E-06	0.00071	8.50E-04	3.99E-05	9.49E-08	4.91E-06	8.95E-04	0.000838	3.44E-05	7.75E-08	5.21E-06	0.000877
3649	490863.09	3850877.25	0.00768	0.00811	0.00622	0.00373	6.96E-04	3.4E-05	1.2E-07	8.6E-06	0.00074	8.78E-04	4.33E-05	9.89E-08	5.04E-06	9.27E-04	0.000866	3.72E-05	8.07E-08	5.36E-06	0.000909
3650	491363.09	3850877.25	0.00767	0.00827	0.00634	0.00386	6.95E-04	3.5E-05	1.2E-07	8.9E-06	0.00074	8.77E-04	4.42E-05	1.01E-07	5.22E-06	9.27E-04	0.000865	3.8E-05	8.23E-08	5.54E-06	0.000908
3651	491863.09	3850877.25	0.00754	0.00819	0.00634	0.004	6.83E-04	3.5E-05	1.2E-07	9.3E-06	0.00073	8.62E-04	4.37E-05	1.01E-07	5.41E-06	9.12E-04	0.00085	3.76E-05	8.23E-08	5.74E-06	0.000894
3652	492363.09	3850877.25	0.00745	0.00831	0.00634	0.00419	6.75E-04	3.5E-05	1.2E-07	9.7E-06	0.00072	8.52E-04	4.44E-05	1.01E-07	5.67E-06	9.02E-04	0.00084	3.82E-05	8.23E-08	6.02E-06	0.000884
3653	492863.09	3850877.25	0.0075	0.00831	0.00646	0.00443	6.80E-04	3.5E-05	1.2E-07	1E-05	0.00073	8.58E-04	4.44E-05	1.03E-07	5.99E-06	9.08E-04	0.000846	3.82E-05	8.39E-08	6.36E-06	0.00089
3654	493363.09	3850877.25	0.00772	0.00848	0.00681	0.00474	7.00E-04	3.6E-05	1.3E-07	1.1E-05	0.00075	8.83E-04	4.53E-05	1.08E-07	6.41E-06	9.35E-04	0.00087	3.89E-05	8.84E-08	6.81E-06	0.000916
3655	493863.09	3850877.25	0.00866	0.00943	0.00781	0.00532	7.85E-04	4E-05	1.5E-07	1.2E-05	0.00084	9.91E-04	5.04E-05	1.24E-07	7.19E-06	1.05E-03	0.000976	4.33E-05	1.01E-07	7.64E-06	0.001027
3656	494363.09	3850877.25	0.0092	0.00986	0.00846	0.00577	8.34E-04	4.2E-05	1.6E-07	1.3E-05	0.00089	1.05E-03	5.26E-05	1.34E-07	7.8E-06	1.11E-03	0.001037	4.53E-05	1.1E-07	8.29E-06	0.001091

3657	494863.09	3850877.25	0.0103	0.01081	0.00968	0.00651	9.33E-04	4.6E-05	1.8E-07	1.5E-05	0.00099	1.18E-03	5.77E-05	1.54E-07	8.8E-06	1.24E-03	0.001161	4.96E-05	1.26E-07	9.35E-06	0.00122
3658	495363.09	3850877.25	0.01152	0.01176	0.01105	0.00731	1.04E-03	5E-05	2.1E-07	1.7E-05	0.00111	1.32E-03	6.28E-05	1.76E-07	9.88E-06	1.39E-03	0.001299	5.4E-05	1.43E-07	1.05E-05	0.001364
3659	495863.09	3850877.25	0.01185	0.01199	0.01151	0.00773	1.07E-03	5.1E-05	2.2E-07	1.8E-05	0.00114	1.36E-03	6.4E-05	1.83E-07	1.05E-05	1.43E-03	0.001336	5.51E-05	1.49E-07	1.11E-05	0.001402
3660	496363.09	3850877.25	0.01256	0.01274	0.01231	0.00835	1.14E-03	5.4E-05	2.3E-07	1.9E-05	0.00121	1.44E-03	6.8E-05	1.96E-07	1.13E-05	1.52E-03	0.001416	5.85E-05	1.6E-07	1.2E-05	0.001487
3661	496863.09	3850877.25	0.01368	0.01399	0.01355	0.00915	1.24E-03	5.9E-05	2.5E-07	2.1E-05	0.00132	1.56E-03	7.47E-05	2.15E-07	1.24E-05	1.65E-03	0.001542	6.42E-05	1.76E-07	1.31E-05	0.00162
3662	497363.09	3850877.25	0.01382	0.01428	0.01378	0.00948	1.25E-03	6E-05	2.6E-07	2.2E-05	0.00134	1.58E-03	7.62E-05	2.19E-07	1.28E-05	1.67E-03	0.001558	6.56E-05	1.79E-07	1.36E-05	0.001638
3663	497863.09	3850877.25	0.01363	0.01413	0.01366	0.00964	1.24E-03	6E-05	2.6E-07	2.2E-05	0.00132	1.56E-03	7.54E-05	2.17E-07	1.3E-05	1.65E-03	0.001537	6.49E-05	1.77E-07	1.38E-05	0.001616
3664	498363.09	3850877.25	0.01342	0.01387	0.01344	0.00971	1.22E-03	5.9E-05	2.5E-07	2.2E-05	0.0013	1.53E-03	7.41E-05	2.14E-07	1.31E-05	1.62E-03	0.001513	6.37E-05	1.74E-07	1.39E-05	0.001591
3665	471363.09	3851377.25	0.0064	0.00615	0.00673	0.00459	5.80E-04	2.6E-05	1.3E-07	1.1E-05	0.00062	7.32E-04	3.28E-05	1.07E-07	6.21E-06	7.71E-04	0.000722	2.82E-05	8.74E-08	6.59E-06	0.000757
3666	471863.09	3851377.25	0.00764	0.00727	0.00794	0.00554	6.92E-04	3.1E-05	1.5E-07	1.3E-05	0.00074	8.74E-04	3.88E-05	1.26E-07	7.49E-06	9.20E-04	0.000861	3.34E-05	1.03E-07	7.96E-06	0.000903
3667	472363.09	3851377.25	0.00788	0.00768	0.00811	0.00553	7.14E-04	3.2E-05	1.5E-07	1.3E-05	0.00076	9.01E-04	4.1E-05	1.29E-07	7.48E-06	9.50E-04	0.000888	3.53E-05	1.05E-07	7.94E-06	0.000932
3668	472863.09	3851377.25	0.00816	0.00822	0.0082	0.00553	7.39E-04	3.5E-05	1.5E-07	1.3E-05	0.00079	9.33E-04	4.39E-05	1.3E-07	7.48E-06	9.85E-04	0.00092	3.77E-05	1.06E-07	7.94E-06	0.000966
3669	473363.09	3851377.25	0.00776	0.00807	0.00765	0.005	7.03E-04	3.4E-05	1.4E-07	1.2E-05	0.00075	8.88E-04	4.31E-05	1.22E-07	6.76E-06	9.38E-04	0.000875	3.71E-05	9.93E-08	7.18E-06	0.000919
3670	473863.09	3851377.25	0.00816	0.00862	0.00786	0.00522	7.39E-04	3.6E-05	1.5E-07	1.2E-05	0.00079	9.33E-04	4.6E-05	1.25E-07	7.06E-06	9.87E-04	0.00092	3.96E-05	1.02E-07	7.5E-06	0.000967
3671	474363.09	3851377.25	0.00923	0.0095	0.00873	0.00616	8.36E-04	4E-05	1.6E-07	1.4E-05	0.00089	1.06E-03	5.07E-05	1.39E-07	8.33E-06	1.11E-03	0.001041	4.36E-05	1.13E-07	8.85E-06	0.001093
3672	474863.09	3851377.25	0.01012	0.00983	0.00947	0.00705	9.17E-04	4.2E-05	1.8E-07	1.6E-05	0.00098	1.16E-03	5.25E-05	1.51E-07	9.53E-06	1.22E-03	0.001141	4.51E-05	1.23E-07	1.01E-05	0.001196
3673	475363.09	3851377.25	0.01107	0.01033	0.01036	0.00799	1.00E-03	4.4E-05	1.9E-07	1.9E-05	0.00107	1.27E-03	5.52E-05	1.65E-07	1.08E-05	1.33E-03	0.001248	4.74E-05	1.34E-07	1.15E-05	0.001307
3674	475863.09	3851377.25	0.01193	0.01108	0.01131	0.00896	1.08E-03	4.7E-05	2.1E-07	2.1E-05	0.00115	1.36E-03	5.92E-05	1.8E-07	1.21E-05	1.44E-03	0.001345	5.09E-05	1.47E-07	1.29E-05	0.001409
3675	476363.09	3851377.25	0.01292	0.01208	0.01247	0.00997	1.17E-03	5.1E-05	2.3E-07	2.3E-05	0.00125	1.48E-03	6.45E-05	1.98E-07	1.35E-05	1.56E-03	0.001457	5.55E-05	1.62E-07	1.43E-05	0.001527
3676	476863.09	3851377.25	0.01385	0.01296	0.0136	0.01067	1.26E-03	5.5E-05	2.5E-07	2.5E-05	0.00133	1.58E-03	6.92E-05	2.16E-07	1.44E-05	1.67E-03	0.001562	5.95E-05	1.77E-07	1.53E-05	0.001637
3677	477363.09	3851377.25	0.01524	0.01411	0.01485	0.01189	1.38E-03	6E-05	2.8E-07	2.8E-05	0.00147	1.74E-03	7.53E-05	2.36E-07	1.61E-05	1.83E-03	0.001718	6.48E-05	1.93E-07	1.71E-05	0.0018
3678	477863.09	3851377.25	0.01633	0.01514	0.0157	0.01225	1.48E-03	6.4E-05	2.9E-07	2.8E-05	0.00157	1.87E-03	8.08E-05	2.5E-07	1.66E-05	1.97E-03	0.001841	6.95E-05	2.04E-07	1.76E-05	0.001929
3679	478363.09	3851377.25	0.0172	0.01576	0.01629	0.01228	1.56E-03	6.7E-05	3E-07	2.8E-05	0.00165	1.97E-03	8.42E-05	2.59E-07	1.66E-05	2.07E-03	0.001939	7.24E-05	2.11E-07	1.76E-05	0.00203
3680	478863.09	3851377.25	0.01787	0.01592	0.01679	0.0124	1.62E-03	6.7E-05	3.1E-07	2.9E-05	0.00172	2.04E-03	8.5E-05	2.67E-07	1.68E-05	2.15E-03	0.002015	7.31E-05	2.18E-07	1.78E-05	0.002106
3681	479363.09	3851377.25	0.01821	0.01575	0.0171	0.01229	1.65E-03	6.7E-05	3.2E-07	2.8E-05	0.00175	2.08E-03	8.41E-05	2.72E-07	1.66E-05	2.18E-03	0.002053	7.23E-05	2.22E-07	1.76E-05	0.002143
3682	479863.09	3851377.25	0.01866	0.01565	0.01696	0.01161	1.69E-03	6.6E-05	3.2E-07	2.7E-05	0.00178	2.13E-03	8.36E-05	2.7E-07	1.57E-05	2.23E-03	0.002104	7.19E-05	2.2E-07	1.67E-05	0.002193
3683	480363.09	3851377.25	0.02121	0.01852	0.01848	0.01227	1.92E-03	7.8E-05	3.5E-07	2.8E-05	0.00203	2.43E-03	9.89E-05	2.94E-07	1.66E-05	2.54E-03	0.002391	8.51E-05	2.4E-07	1.76E-05	0.002494
3684	480863.09	3851377.25	0.02426	0.02222	0.02245	0.01664	2.20E-03	9.4E-05	4.2E-07	3.9E-05	0.00233	2.77E-03	0.000119	3.57E-07	2.25E-05	2.92E-03	0.002735	0.000102	2.91E-07	2.39E-05	0.002862
3685	481363.09	3851377.25	0.02632	0.02344	0.02546	0.01963	2.39E-03	9.9E-05	4.8E-07	4.5E-05	0.00253	3.01E-03	0.000125	4.05E-07	2.65E-05	3.16E-03	0.002968	0.000108	3.3E-07	2.82E-05	0.003104
3686	481863.09	3851377.25	0.02347	0.02187	0.02259	0.01459	2.13E-03	9.3E-05	4.2E-07	3.4E-05	0.00225	2.68E-03	0.000117	3.59E-07	1.97E-05	2.82E-03	0.002646	0.0001	2.93E-07	2.1E-05	0.002768
3687	482363.09	3851377.25	0.02026	0.0194	0.01991	0.01051	1.84E-03	8.2E-05	3.7E-07	2.4E-05	0.00194	2.32E-03	0.000104	3.16E-07	1.42E-05	2.44E-03	0.002284	8.91E-05	2.58E-07	1.51E-05	0.002389
3688	482863.09	3851377.25	0.01579	0.01389	0.01612	0.00759	1.43E-03	5.9E-05	3E-07	1.8E-05	0.00151	1.81E-03	7.42E-05	2.56E-07	1.03E-05	1.89E-03	0.00178	6.38E-05	2.09E-07	1.09E-05	0.001855
3689	483363.09	3851377.25	0.01117	0.01034	0.01141	0.00556	1.01E-03	4.4E-05	2.1E-07	1.3E-05	0.00107	1.28E-03	5.52E-05	1.81E-07	7.52E-06	1.34E-03	0.001259	4.75E-05	1.48E-07	7.98E-06	0.001315
3690	483863.09	3851377.25	0.00971	0.00959	0.00991	0.00504	8.80E-04	4.1E-05	1.9E-07	1.2E-05	0.00093	1.11E-03	5.12E-05	1.58E-07	6.81E-06	1.17E-03	0.001095	4.4E-05	1.29E-07	7.24E-06	0.001146
3691	484363.09	3851377.25	0.0122	0.01112	0.01257	0.00605	1.11E-03	4.7E-05	2.4E-07	1.4E-05	0.00117	1.40E-03	5.94E-05	2E-07	8.18E-06	1.46E-03	0.001376	5.11E-05	1.63E-07	8.69E-06	0.001435
3692	484863.09	3851377.25	0.0085	0.00684	0.00873	0.0046	7.70E-04	2.9E-05	1.6E-07	1.1E-05	0.00081	9.72E-04	3.65E-05	1.39E-07	6.22E-06	1.02E-03	0.000958	3.14E-05	1.13E-07	6.61E-06	0.000997
3693	485363.09	3851377.25	0.01131	0.01031	0.01133	0.00538	1.02E-03	4.4E-05	2.1E-07	1.2E-05	0.00108	1.29E-03	5.51E-05	1.8E-07	7.27E-06	1.36E-03	0.001275	4.73E-05	1.47E-07	7.73E-06	0.00133
3694	485863.09	3851377.25	0.00918	0.00775	0.00899	0.00453	8.32E-04	3.3E-05	1.7E-07	1E-05	0.00088	1.05E-03	4.14E-05	1.43E-07	6.13E-06	1.10E-03	0.001035	3.56E-05	1.17E-07	6.51E-06	0.001077
3695	486363.09	3851377.25	0.00994	0.00959	0.00922	0.00464	9.01E-04	4.1E-05	1.7E-07	1.1E-05	0.00095	1.14E-03	5.12E-05	1.47E-07	6.27E-06	1.19E-03	0.001121	4.4E-05	1.2E-07	6.66E-06	0.001172
3696	486863.09	3851377.25	0.00943	0.00861	0.00823	0.00428	8.55E-04	3.6E-05	1.5E-07	9.9E-06	0.0009	1.08E-03	4.6E-05	1.31E-07	5.79E-06	1.13E-03	0.001063	3.95E-05	1.07E-07	6.15E-06	0.001109
3697	487363.09	3851377.25	0.0081	0.00823	0.00673	0.00365	7.34E-04	3.5E-05	1.3E-07	8.5E-06	0.00078	9.26E-04	4.39E-05	1.07E-07	4.94E-06	9.75E-04	0.000913	3.78E-05	8.74E-08	5.24E-06	0.000956
3698	487863.09	3851377.25	0.00909	0.00857	0.00762	0.00388	8.24E-04	3.6E-05	1.4E-07	9E-06	0.00087	1.04E-03	4.58E-05	1.21E-07	5.25E-06	1.09E-03	0.001025	3.94E-05	9.89E-08	5.57E-06	0.00107
3699	488363.09	3851377.25	0.00946	0.00852	0.00782	0.00404	8.57E-04	3.6E-05	1.5E-07	9.4E-06	0.0009	1.08E-03	4.55E-05	1.24E-07	5.46E-06	1.13E-03	0.001067	3.91E-05	1.02E-07	5.8E-06	0.001112
3700	488863.09	3851377.25	0.00959	0.00908	0.00771	0.00415	8.69E-04	3.8E-05	1.4E-07	9.6E-06	0.00092	1.10E-03	4.85E-05	1.23E-07	5.61E-06	1.15E-03	0.001081	4.17E-05	1E-07	5.96E-06	0.001129
3701	489363.09	3851377.25	0.00988	0.0097	0.00771	0.00431	8.95E-04	4.1E-05	1.4E-07	1E-05	0.00095	1.13E-03	5.18E-05	1.23E-07	5.83E-06	1.19E-03	0.001114	4.45E-05	1E-07	6.19E-06	0.001165
3702	489863.09	3851377.25	0.01017	0.01046	0.00791	0.00443	9.22E-04	4.4E-05	1.5E-07	1E-05	0.00098	1.16E-03	5.59E-05	1.26E-07	5.99E-06	1.23E-03	0.001147	4.8E-05	1.03E-07	6.36E-06	0.001201
3703	490363.09	3851377.25	0.01051	0.01147	0.00834	0.00459	9.52E-04	4.9E-05	1.6E-07	1.1E-05	0.00101	1.20E-03	6.12E-05	1.33E-07	6.21E-06	1.27E-03	0.001185	5.27E-05	1.08E-07	6.59E-06	0.001244
3704	490863.09	3851377.25	0.01072	0.01147	0.00874	0.00486	9.71E-04	4.9E-05	1.6E-07	1.1E-05	0.00103	1.23E-03	6.12E-05	1.39E-07	6.57E-06	1.29E-03	0.001209	5.27E-05	1.13E-07	6.98E-06	0.001268
3705	491363.09	3851377.25	0.01062	0.01154	0.00878	0.00513	9.62E-04	4.9E-05	1.6E-07	1.2E-05	0.00102	1.21E-03	6.16E-05	1.4E-07	6.94E-06	1.28E-03	0.001197	5.3E-05	1.14E-07	7.37E-06	0.001258
3706	491863.09	3851377.25	0.0106	0.01183	0.0089	0.00541	9.61E-04	5E-05	1.7E-07	1.3E-05	0.00102	1.21E-03	6.32E-05	1.41E-07	7.31E-06	1.28E-03	0.001195	5.43E-05	1.16E-07	7.77E-06	0.001257
3707	492363.09	3851377.25	0.01076	0.01209	0.00923	0.00578	9.75E-04	5.1E-05	1.7E-07	1.3E-05	0.00104	1.23E-03	6.46E-05	1.47E-07	7.82E-06	1.30E-03	0.001213	5.55E-05	1.2E-07	8.3E-06	0.001277
3708	492863.09	3851377.25	0.01062	0.01176	0.00939	0.00607	9.62E-04	5E-05	1.8E-07	1.4E-05	0.00103	1.21E-03	6.28E-05	1.49E-07	8.21E-06	1.29E-03	0.001197	5.4E-05	1.22E-07	8.72E-06	0.00126
3709	493363.09	3851377.25	0.00967	0.01051	0.00873	0.006	8.76E-04	4.4E-05	1.6E-07	1.4E-05	0.00093	1.11E-03	5.61E-05	1.39E-07	8.11E-06	1.17E-03	0.00109	4.83E-05	1.13E-07	8.62E-06	0.001147
3710	493863.09	3851377.25	0.01072	0.0114	0.00991	0.00672	9.71E-04	4.8E-05	1.9E-07	1.6E-05	0.00104	1.23E-03	6.09E-05	1.58E-07	9.09E-06	1.30E-03	0.001209	5.24E-05	1.29E-07	9.65E-06	0.001271
3711	494363.09	3851377.25	0.01292	0.01332	0.0122	0.00797	1.17E-03	5.6E-05	2.3E-07	1.8E-05	0.00125	1.48E-03	7.11E-05	1.94E-07	1.08E-05	1.56E-03	0.001457	6.12E-05	1.58E-07	1.14E-05	0.001529
3712	494863.09	3851377.25	0.01354	0.01373	0.01299	0.00859	1.23E-03	5.8E-05	2.4E-07	2E-05	0.00131	1.55E-03	7.33E-05	2.06E-07	1.16E-05	1.63E-03	0.001527	6.31E-05	1.69E-07	1.23E-05	0.001602
3713	495363.09	3851377.25	0.01579	0.01602	0.0154	0.00995	1.43E-03	6.8E-05	2.9E-07	2.3E-05	0.00152	1.81E-03	8.55E-05	2.45E-07	1.35E-05	1.91E-03	0.00178	7.36E-05	2E-07	1.43E-05	0.001868
3714	495863.09	3851377.25	0.01668	0.01702	0.01646	0.01069	1.51E-03	7.2E-05	3.1E-07	2.5E-05	0.00161	1.91E-03	9.09E-05	2.62E-07	1.45E-05	2.01E-03	0.001881	7.82E-05	2.14E-07	1.54E-05	0.001974
3715	496363.09	3851377.25	0.0171	0.01757	0.01702	0.01123	1.55E-03	7.4E-05	3.2E-07	2.6E-05	0.00165	1.96E-03	9.38E-05	2.71E-07	1.52E-05	2.07E-03	0.001928	8.07E-05	2.21E-07	1.61E-05	0.002025
3716	496863.09	3851377.25	0.0172	0.0178	0.01722	0.01162	1.56E-03	7.5E-05	3.2E-07	2.7E-05	0.00166	1.97E-03	9.5E-05	2.74E-07	1.57E-05	2.08E-03	0.001939	8.17E-05	2.24E-07	1.67E-05	0.002038
3717	497363.09	3851377.25	0.0172	0.01782	0.01725	0.01189	1.56E-03	7.5E-05	3.2E-07	2.8E-05	0.00166	1.97E-03	9.52E-05	2.74E-07	1.61E-05	2.08E-03	0.001939	8.18E-05	2.24E-07	1.71E-05	0.002038

3718	497863.09	3851377.25	0.01687	0.01739	0.01701	0.01197	1.53E-03	7.4E-05	3.2E-07	2.8E-05	0.00163	1.93E-03	9.29E-05	2.7E-07	1.62E-05	2.04E-03	0.001902	7.99E-05	2.21E-07	1.72E-05	0.001999
3719	498363.09	3851377.25	0.01593	0.01638	0.01614	0.01168	1.44E-03	6.9E-05	3E-07	2.7E-05	0.00154	1.82E-03	8.75E-05	2.57E-07	1.58E-05	1.93E-03	0.001796	7.52E-05	2.1E-07	1.68E-05	0.001888
3720	471363.09	3851877.25	0.00709	0.00748	0.00714	0.00496	6.43E-04	3.2E-05	1.3E-07	1.1E-05	0.00069	8.11E-04	3.99E-05	1.13E-07	6.71E-06	8.58E-04	0.000799	3.44E-05	9.27E-08	7.12E-06	0.000841
3721	471863.09	3851877.25	0.00701	0.00716	0.00715	0.00488	6.35E-04	3E-05	1.3E-07	1.1E-05	0.00068	8.02E-04	3.82E-05	1.14E-07	6.6E-06	8.47E-04	0.00079	3.29E-05	9.28E-08	7.01E-06	0.00083
3722	472363.09	3851877.25	0.00783	0.00764	0.00804	0.0055	7.10E-04	3.2E-05	1.5E-07	1.3E-05	0.00075	8.96E-04	4.08E-05	1.28E-07	7.44E-06	9.44E-04	0.000883	3.51E-05	1.04E-07	7.9E-06	0.000926
3723	472863.09	3851877.25	0.00856	0.00813	0.00882	0.00602	7.76E-04	3.4E-05	1.7E-07	1.4E-05	0.00082	9.79E-04	4.34E-05	1.4E-07	8.14E-06	1.03E-03	0.000965	3.73E-05	1.14E-07	8.65E-06	0.001011
3724	473363.09	3851877.25	0.00828	0.0078	0.00861	0.00562	7.50E-04	3.3E-05	1.6E-07	1.3E-05	0.0008	9.47E-04	4.16E-05	1.37E-07	7.6E-06	9.96E-04	0.000934	3.58E-05	1.12E-07	8.07E-06	0.000978
3725	473863.09	3851877.25	0.0086	0.00834	0.00885	0.00567	7.79E-04	3.5E-05	1.7E-07	1.3E-05	0.00083	9.84E-04	4.45E-05	1.41E-07	7.67E-06	1.04E-03	0.00097	3.83E-05	1.15E-07	8.14E-06	0.001016
3726	474363.09	3851877.25	0.00984	0.00999	0.00978	0.00643	8.92E-04	4.2E-05	1.8E-07	1.5E-05	0.00095	1.13E-03	5.33E-05	1.55E-07	8.69E-06	1.19E-03	0.001109	4.59E-05	1.27E-07	9.23E-06	0.001165
3727	474863.09	3851877.25	0.01093	0.01137	0.01047	0.00726	9.90E-04	4.8E-05	2E-07	1.7E-05	0.00106	1.25E-03	6.07E-05	1.66E-07	9.82E-06	1.32E-03	0.001232	5.22E-05	1.36E-07	1.04E-05	0.001295
3728	475363.09	3851877.25	0.01159	0.01197	0.01087	0.00776	1.05E-03	5.1E-05	2E-07	1.8E-05	0.00112	1.33E-03	6.39E-05	1.73E-07	1.05E-05	1.40E-03	0.001307	5.5E-05	1.41E-07	1.11E-05	0.001373
3729	475863.09	3851877.25	0.01217	0.01212	0.01127	0.00813	1.10E-03	5.1E-05	2.1E-07	1.9E-05	0.00117	1.39E-03	6.47E-05	1.79E-07	1.1E-05	1.47E-03	0.001372	5.57E-05	1.46E-07	1.17E-05	0.00144
3730	476363.09	3851877.25	0.01239	0.01202	0.0115	0.00823	1.12E-03	5.1E-05	2.2E-07	1.9E-05	0.00119	1.42E-03	6.42E-05	1.83E-07	1.11E-05	1.49E-03	0.001397	5.52E-05	1.49E-07	1.18E-05	0.001464
3731	476863.09	3851877.25	0.0136	0.01305	0.01278	0.00958	1.23E-03	5.5E-05	2.4E-07	2.2E-05	0.00131	1.56E-03	6.97E-05	2.03E-07	1.3E-05	1.64E-03	0.001533	5.99E-05	1.66E-07	1.38E-05	0.001607
3732	477363.09	3851877.25	0.01509	0.01433	0.01447	0.011	1.37E-03	6.1E-05	2.7E-07	2.5E-05	0.00145	1.73E-03	7.65E-05	2.3E-07	1.49E-05	1.82E-03	0.001701	6.58E-05	1.88E-07	1.58E-05	0.001783
3733	477863.09	3851877.25	0.01668	0.01568	0.01622	0.01215	1.51E-03	6.6E-05	3E-07	2.8E-05	0.00161	1.91E-03	8.37E-05	2.58E-07	1.64E-05	2.01E-03	0.001881	7.2E-05	2.11E-07	1.74E-05	0.00197
3734	478363.09	3851877.25	0.018	0.01727	0.01745	0.0126	1.63E-03	7.3E-05	3.3E-07	2.9E-05	0.00173	2.06E-03	9.22E-05	2.77E-07	1.7E-05	2.17E-03	0.002029	7.93E-05	2.27E-07	1.81E-05	0.002127
3735	478863.09	3851877.25	0.01979	0.01862	0.01873	0.01345	1.79E-03	7.9E-05	3.5E-07	3.1E-05	0.0019	2.26E-03	9.94E-05	2.98E-07	1.82E-05	2.38E-03	0.002231	8.55E-05	2.43E-07	1.93E-05	0.002336
3736	479363.09	3851877.25	0.02137	0.0194	0.01983	0.01445	1.94E-03	8.2E-05	3.7E-07	3.3E-05	0.00205	2.44E-03	0.000104	3.15E-07	1.95E-05	2.57E-03	0.002409	8.91E-05	2.57E-07	2.08E-05	0.00252
3737	479863.09	3851877.25	0.02212	0.01931	0.0203	0.01471	2.00E-03	8.2E-05	3.8E-07	3.4E-05	0.00212	2.53E-03	0.000103	3.23E-07	1.99E-05	2.65E-03	0.002494	8.87E-05	2.64E-07	2.11E-05	0.002604
3738	480363.09	3851877.25	0.02272	0.01909	0.02032	0.01404	2.06E-03	8.1E-05	3.8E-07	3.3E-05	0.00217	2.60E-03	0.000102	3.23E-07	1.9E-05	2.72E-03	0.002562	8.77E-05	2.64E-07	2.02E-05	0.00267
3739	480863.09	3851877.25	0.02559	0.02195	0.02157	0.01421	2.32E-03	9.3E-05	4E-07	3.3E-05	0.00245	2.93E-03	0.000117	3.43E-07	1.92E-05	3.06E-03	0.002885	0.000101	2.8E-07	2.04E-05	0.003007
3740	481363.09	3851877.25	0.02972	0.02717	0.02687	0.0202	2.69E-03	0.00011	5E-07	4.7E-05	0.00286	3.40E-03	0.000145	4.27E-07	2.73E-05	3.57E-03	0.003351	0.000125	3.49E-07	2.9E-05	0.003505
3741	481863.09	3851877.25	0.03206	0.02821	0.03031	0.02248	2.91E-03	0.00012	5.7E-07	5.2E-05	0.00308	3.67E-03	0.000151	4.82E-07	3.04E-05	3.85E-03	0.003615	0.00013	3.93E-07	3.23E-05	0.003777
3742	482363.09	3851877.25	0.02588	0.02534	0.02487	0.01358	2.35E-03	0.00011	4.7E-07	3.1E-05	0.00248	2.96E-03	0.000135	3.95E-07	1.84E-05	3.11E-03	0.002918	0.000116	3.23E-07	1.95E-05	0.003054
3743	482863.09	3851877.25	0.01798	0.01654	0.01834	0.00809	1.63E-03	7E-05	3.4E-07	1.9E-05	0.00172	2.06E-03	8.83E-05	2.91E-07	1.09E-05	2.16E-03	0.002027	7.6E-05	2.38E-07	1.16E-05	0.002115
3744	483363.09	3851877.25	0.01804	0.01694	0.01807	0.00828	1.63E-03	7.2E-05	3.4E-07	1.9E-05	0.00173	2.06E-03	9.05E-05	2.87E-07	1.12E-05	2.17E-03	0.002034	7.78E-05	2.35E-07	1.19E-05	0.002124
3745	483863.09	3851877.25	0.01635	0.01624	0.01648	0.00725	1.48E-03	6.9E-05	3.1E-07	1.7E-05	0.00157	1.87E-03	8.67E-05	2.62E-07	9.8E-06	1.97E-03	0.001843	7.46E-05	2.14E-07	1.04E-05	0.001929
3746	484363.09	3851877.25	0.01733	0.01607	0.01744	0.00786	1.57E-03	6.8E-05	3.3E-07	1.8E-05	0.00166	1.98E-03	8.58E-05	2.77E-07	1.06E-05	2.08E-03	0.001954	7.38E-05	2.26E-07	1.13E-05	0.002039
3747	484863.09	3851877.25	0.01495	0.01142	0.015	0.00685	1.35E-03	4.8E-05	2.8E-07	1.6E-05	0.00142	1.71E-03	6.1E-05	2.38E-07	9.26E-06	1.78E-03	0.001686	5.24E-05	1.95E-07	9.84E-06	0.001748
3748	485363.09	3851877.25	0.01521	0.01327	0.0147	0.00655	1.38E-03	5.6E-05	2.8E-07	1.5E-05	0.00145	1.74E-03	7.09E-05	2.34E-07	8.86E-06	1.82E-03	0.001715	6.09E-05	1.91E-07	9.41E-06	0.001785
3749	485863.09	3851877.25	0.01526	0.01255	0.01422	0.00632	1.38E-03	5.3E-05	2.7E-07	1.5E-05	0.00145	1.75E-03	6.7E-05	2.26E-07	8.55E-06	1.82E-03	0.001721	5.76E-05	1.85E-07	9.08E-06	0.001787
3750	486363.09	3851877.25	0.01324	0.01235	0.0113	0.00542	1.20E-03	5.2E-05	2.1E-07	1.3E-05	0.00126	1.51E-03	6.59E-05	1.8E-07	7.33E-06	1.59E-03	0.001493	5.67E-05	1.47E-07	7.78E-06	0.001557
3751	486863.09	3851877.25	0.01311	0.01248	0.01071	0.00512	1.19E-03	5.3E-05	2E-07	1.2E-05	0.00125	1.50E-03	6.66E-05	1.7E-07	6.92E-06	1.57E-03	0.001478	5.73E-05	1.39E-07	7.35E-06	0.001543
3752	487363.09	3851877.25	0.013	0.01248	0.01042	0.0048	1.18E-03	5.3E-05	2E-07	1.1E-05	0.00124	1.49E-03	6.66E-05	1.66E-07	6.49E-06	1.56E-03	0.001466	5.73E-05	1.35E-07	6.89E-06	0.00153
3753	487863.09	3851877.25	0.01142	0.01027	0.00878	0.00454	1.03E-03	4.3E-05	1.6E-07	1.1E-05	0.00109	1.31E-03	5.48E-05	1.4E-07	6.14E-06	1.37E-03	0.001288	4.72E-05	1.14E-07	6.52E-06	0.001341
3754	488363.09	3851877.25	0.01188	0.01082	0.00892	0.00468	1.08E-03	4.6E-05	1.7E-07	1.1E-05	0.00113	1.36E-03	5.78E-05	1.42E-07	6.33E-06	1.42E-03	0.001339	4.97E-05	1.16E-07	6.72E-06	0.001396
3755	488863.09	3851877.25	0.01176	0.01208	0.00855	0.00471	1.07E-03	5.1E-05	1.6E-07	1.1E-05	0.00113	1.35E-03	6.45E-05	1.36E-07	6.37E-06	1.42E-03	0.001326	5.55E-05	1.11E-07	6.76E-06	0.001388
3756	489363.09	3851877.25	0.01188	0.01278	0.00874	0.00479	1.08E-03	5.4E-05	1.6E-07	1.1E-05	0.00114	1.36E-03	6.82E-05	1.39E-07	6.48E-06	1.43E-03	0.001339	5.87E-05	1.13E-07	6.88E-06	0.001405
3757	489863.09	3851877.25	0.01226	0.01345	0.00934	0.00511	1.11E-03	5.7E-05	1.7E-07	1.2E-05	0.00118	1.40E-03	7.18E-05	1.48E-07	6.91E-06	1.48E-03	0.001382	6.18E-05	1.21E-07	7.34E-06	0.001452
3758	490363.09	3851877.25	0.01303	0.01421	0.01024	0.00562	1.18E-03	6E-05	1.9E-07	1.3E-05	0.00125	1.49E-03	7.59E-05	1.63E-07	7.6E-06	1.57E-03	0.001469	6.53E-05	1.33E-07	8.07E-06	0.001543
3759	490863.09	3851877.25	0.01392	0.01544	0.01126	0.00628	1.26E-03	6.5E-05	2.1E-07	1.5E-05	0.00134	1.59E-03	8.24E-05	1.79E-07	8.49E-06	1.68E-03	0.001569	7.09E-05	1.46E-07	9.02E-06	0.00165
3760	491363.09	3851877.25	0.01484	0.01687	0.0124	0.00702	1.34E-03	7.1E-05	2.3E-07	1.6E-05	0.00143	1.70E-03	9.01E-05	1.97E-07	9.49E-06	1.80E-03	0.001673	7.75E-05	1.61E-07	1.01E-05	0.001761
3761	491863.09	3851877.25	0.01548	0.01758	0.01332	0.00772	1.40E-03	7.4E-05	2.5E-07	1.8E-05	0.0015	1.77E-03	9.39E-05	2.12E-07	1.04E-05	1.88E-03	0.001745	8.07E-05	1.73E-07	1.11E-05	0.001837
3762	492363.09	3851877.25	0.01519	0.01675	0.01351	0.00812	1.38E-03	7.1E-05	2.5E-07	1.9E-05	0.00147	1.74E-03	8.94E-05	2.15E-07	1.1E-05	1.84E-03	0.001713	7.69E-05	1.75E-07	1.17E-05	0.001801
3763	492863.09	3851877.25	0.01322	0.01423	0.01201	0.00782	1.20E-03	6E-05	2.2E-07	1.8E-05	0.00128	1.51E-03	7.6E-05	1.91E-07	1.06E-05	1.60E-03	0.001491	6.53E-05	1.56E-07	1.12E-05	0.001567
3764	493363.09	3851877.25	0.01602	0.0168	0.01489	0.00936	1.45E-03	7.1E-05	2.8E-07	2.2E-05	0.00154	1.83E-03	8.97E-05	2.37E-07	1.27E-05	1.93E-03	0.001806	7.72E-05	1.93E-07	1.34E-05	0.001897
3765	493863.09	3851877.25	0.01915	0.01961	0.01821	0.01112	1.74E-03	8.3E-05	3.4E-07	2.6E-05	0.00184	2.19E-03	0.000105	2.89E-07	1.5E-05	2.31E-03	0.002159	9.01E-05	2.36E-07	1.6E-05	0.002265
3766	494363.09	3851877.25	0.01863	0.01894	0.01801	0.01133	1.69E-03	8E-05	3.4E-07	2.6E-05	0.00179	2.13E-03	0.000101	2.86E-07	1.53E-05	2.25E-03	0.002101	8.7E-05	2.34E-07	1.63E-05	0.002204
3767	494863.09	3851877.25	0.02061	0.02097	0.02025	0.01264	1.87E-03	8.9E-05	3.8E-07	2.9E-05	0.00199	2.36E-03	0.000112	3.22E-07	1.71E-05	2.49E-03	0.002324	9.63E-05	2.63E-07	1.82E-05	0.002438
3768	495363.09	3851877.25	0.02181	0.02236	0.02159	0.01364	1.98E-03	9.5E-05	4E-07	3.2E-05	0.0021	2.49E-03	0.000119	3.43E-07	1.84E-05	2.63E-03	0.002459	0.000103	2.8E-07	1.96E-05	0.002582
3769	495863.09	3851877.25	0.02247	0.02334	0.02244	0.01444	2.04E-03	9.9E-05	4.2E-07	3.3E-05	0.00217	2.57E-03	0.000125	3.57E-07	1.95E-05	2.71E-03	0.002533	0.000107	2.91E-07	2.07E-05	0.002662
3770	496363.09	3851877.25	0.02212	0.02299	0.02225	0.01467	2.00E-03	9.7E-05	4.2E-07	3.4E-05	0.00214	2.53E-03	0.000123	3.54E-07	1.98E-05	2.67E-03	0.002494	0.000106	2.89E-07	2.11E-05	0.002621
3771	496863.09	3851877.25	0.02157	0.02221	0.02187	0.01476	1.95E-03	9.4E-05	4.1E-07	3.4E-05	0.00208	2.47E-03	0.000119	3.48E-07	2E-05	2.61E-03	0.002432	0.000102	2.84E-07	2.12E-05	0.002555
3772	497363.09	3851877.25	0.02086	0.0213	0.0213	0.01472	1.89E-03	9E-05	4E-07	3.4E-05	0.00201	2.39E-03	0.000114	3.39E-07	1.99E-05	2.52E-03	0.002352	9.78E-05	2.76E-07	2.11E-05	0.002471
3773	497863.09	3851877.25	0.01939	0.01972	0.01989	0.01417	1.76E-03	8.3E-05	3.7E-07	3.3E-05	0.00187	2.22E-03	0.000105	3.16E-07	1.92E-05	2.34E-03	0.002186	9.06E-05	2.58E-07	2.03E-05	0.002297
3774	498363.09	3851877.25	0.01806	0.0184	0.01857	0.01365	1.64E-03	7.8E-05	3.5E-07	3.2E-05	0.00175	2.07E-03	9.82E-05	2.95E-07	1.85E-05	2.18E-03	0.002036	8.45E-05	2.41E-07	1.96E-05	0.002141
3775	471363.09	3852377.25	0.00661	0.00731	0.00667	0.0045	5.99E-04	3.1E-05	1.2E-07	1E-05	0.00064	7.56E-04	3.9E-05	1.06E-07	6.08E-06	8.01E-04	0.000745	3.36E-05	8.66E-08	6.46E-06	0.000785
3776	471863.09	3852377.25	0.00752	0.00845	0.00755	0.00506	6.81E-04	3.6E-05	1.4E-07	1.2E-05	0.00073	8.60E-04	4.51E-05	1.2E-07	6.84E-06	9.12E-04	0.000848	3.88E-05	9.8E-08	7.27E-06	0.000894
3777	472363.09	3852377.25	0.00819	0.00909	0.0082	0.00549	7.42E-04	3.8E-05	1.5E-07	1.3E-05	0.00079	9.37E-04	4.85E-05	1.3E-07	7.42E-06	9.93E-04	0.000923	4.17E-05	1.06E-07	7.88E-06	0.000973
3778	472863.09	3852377.25	0.00878	0.00945	0.00879	0.00592	7.96E-04	4E-05	1.6E-07	1.4E-05	0.00085	1.00E-03	5.05E-05	1.4E-07	8E-06	1.06E-03	0.00099	4.34E-05	1.14E-07	8.5E-06	0.001042

3779	473363.09	3852377.25	0.00917	0.00948	0.00924	0.00615	8.31E-04	4E-05	1.7E-07	1.4E-05	0.00089	1.05E-03	5.06E-05	1.47E-07	8.32E-06	1.11E-03	0.001034	4.35E-05	1.2E-07	8.83E-06	0.001086
3780	473863.09	3852377.25	0.00941	0.00929	0.00958	0.00624	8.53E-04	3.9E-05	1.8E-07	1.4E-05	0.00091	1.08E-03	4.96E-05	1.52E-07	8.44E-06	1.13E-03	0.001061	4.27E-05	1.24E-07	8.96E-06	0.001113
3781	474363.09	3852377.25	0.00975	0.00924	0.00999	0.0064	8.84E-04	3.9E-05	1.9E-07	1.5E-05	0.00094	1.12E-03	4.93E-05	1.59E-07	8.65E-06	1.17E-03	0.001099	4.24E-05	1.3E-07	9.19E-06	0.001151
3782	474863.09	3852377.25	0.01182	0.01105	0.01185	0.0081	1.07E-03	4.7E-05	2.2E-07	1.9E-05	0.00114	1.35E-03	5.9E-05	1.88E-07	1.1E-05	1.42E-03	0.001333	5.07E-05	1.54E-07	1.16E-05	0.001395
3783	475363.09	3852377.25	0.01233	0.01188	0.01224	0.00823	1.12E-03	5E-05	2.3E-07	1.9E-05	0.00119	1.41E-03	6.34E-05	1.95E-07	1.11E-05	1.49E-03	0.00139	5.46E-05	1.59E-07	1.18E-05	0.001457
3784	475863.09	3852377.25	0.0128	0.01305	0.01247	0.0082	1.16E-03	5.5E-05	2.3E-07	1.9E-05	0.00123	1.46E-03	6.97E-05	1.98E-07	1.11E-05	1.55E-03	0.001443	5.99E-05	1.62E-07	1.18E-05	0.001515
3785	476363.09	3852377.25	0.01306	0.01388	0.01247	0.00792	1.18E-03	5.9E-05	2.3E-07	1.8E-05	0.00126	1.49E-03	7.41E-05	1.98E-07	1.07E-05	1.58E-03	0.001473	6.37E-05	1.62E-07	1.14E-05	0.001548
3786	476863.09	3852377.25	0.01385	0.0145	0.01288	0.00822	1.26E-03	6.1E-05	2.4E-07	1.9E-05	0.00134	1.58E-03	7.74E-05	2.05E-07	1.11E-05	1.67E-03	0.001562	6.66E-05	1.67E-07	1.18E-05	0.00164
3787	477363.09	3852377.25	0.01439	0.01454	0.01325	0.00857	1.30E-03	6.2E-05	2.5E-07	2E-05	0.00139	1.65E-03	7.76E-05	2.11E-07	1.16E-05	1.74E-03	0.001622	6.68E-05	1.72E-07	1.23E-05	0.001702
3788	477863.09	3852377.25	0.0135	0.01366	0.01292	0.00803	1.22E-03	5.8E-05	2.4E-07	1.9E-05	0.0013	1.54E-03	7.29E-05	2.05E-07	1.09E-05	1.63E-03	0.001522	6.27E-05	1.68E-07	1.15E-05	0.001597
3789	478363.09	3852377.25	0.01327	0.01336	0.01339	0.00781	1.20E-03	5.7E-05	2.5E-07	1.8E-05	0.00128	1.52E-03	7.13E-05	2.13E-07	1.06E-05	1.60E-03	0.001496	6.14E-05	1.74E-07	1.12E-05	0.001569
3790	478863.09	3852377.25	0.01746	0.01706	0.01743	0.0102	1.58E-03	7.2E-05	3.3E-07	2.4E-05	0.00168	2.00E-03	9.11E-05	2.77E-07	1.38E-05	2.10E-03	0.001969	7.83E-05	2.26E-07	1.46E-05	0.002062
3791	479363.09	3852377.25	0.02091	0.02085	0.02033	0.012	1.89E-03	8.8E-05	3.8E-07	2.8E-05	0.00201	2.39E-03	0.000111	3.23E-07	1.62E-05	2.52E-03	0.002358	9.58E-05	2.64E-07	1.72E-05	0.002471
3792	479863.09	3852377.25	0.02511	0.02376	0.02309	0.0154	2.28E-03	0.0001	4.3E-07	3.6E-05	0.00241	2.87E-03	0.000127	3.67E-07	2.08E-05	3.02E-03	0.002831	0.000109	3E-07	2.21E-05	0.002963
3793	480363.09	3852377.25	0.02759	0.02431	0.02453	0.01783	2.50E-03	0.0001	4.6E-07	4.1E-05	0.00264	3.16E-03	0.00013	3.9E-07	2.41E-05	3.31E-03	0.003111	0.000112	3.18E-07	2.56E-05	0.003248
3794	480863.09	3852377.25	0.02865	0.02404	0.02485	0.01735	2.60E-03	0.0001	4.7E-07	4E-05	0.00274	3.28E-03	0.000128	3.95E-07	2.35E-05	3.43E-03	0.00323	0.00011	3.23E-07	2.49E-05	0.003366
3795	481363.09	3852377.25	0.03218	0.02687	0.02585	0.01685	2.92E-03	0.00011	4.8E-07	3.9E-05	0.00307	3.68E-03	0.000143	4.11E-07	2.28E-05	3.85E-03	0.003628	0.000123	3.36E-07	2.42E-05	0.003776
3796	481863.09	3852377.25	0.0373	0.03342	0.03227	0.02372	3.38E-03	0.00014	6E-07	5.5E-05	0.00358	4.27E-03	0.000178	5.13E-07	3.21E-05	4.48E-03	0.004206	0.000153	4.19E-07	3.41E-05	0.004394
3797	482363.09	3852377.25	0.04004	0.035	0.03692	0.02687	3.63E-03	0.00015	6.9E-07	6.2E-05	0.00384	4.58E-03	0.000187	5.87E-07	3.63E-05	4.80E-03	0.004514	0.000161	4.79E-07	3.86E-05	0.004714
3798	482863.09	3852377.25	0.03645	0.0335	0.03354	0.0189	3.30E-03	0.00014	6.3E-07	4.4E-05	0.00349	4.17E-03	0.000179	5.33E-07	2.56E-05	4.37E-03	0.00411	0.000154	4.35E-07	2.71E-05	0.004291
3799	483363.09	3852377.25	0.02673	0.02362	0.02644	0.01154	2.42E-03	1E-04	4.9E-07	2.7E-05	0.00255	3.06E-03	0.000126	4.2E-07	1.56E-05	3.20E-03	0.003014	0.000108	3.43E-07	1.66E-05	0.003139
3800	483863.09	3852377.25	0.02184	0.02117	0.02134	0.00919	1.98E-03	9E-05	4E-07	2.1E-05	0.00209	2.50E-03	0.000113	3.39E-07	1.24E-05	2.62E-03	0.002462	9.72E-05	2.77E-07	1.32E-05	0.002573
3801	484363.09	3852377.25	0.0241	0.0214	0.02361	0.00993	2.18E-03	9.1E-05	4.4E-07	2.3E-05	0.0023	2.76E-03	0.000114	3.75E-07	1.34E-05	2.88E-03	0.002717	9.83E-05	3.06E-07	1.43E-05	0.00283
3802	484863.09	3852377.25	0.0244	0.01935	0.02276	0.00991	2.21E-03	8.2E-05	4.3E-07	2.3E-05	0.00232	2.79E-03	0.000103	3.62E-07	1.34E-05	2.91E-03	0.002751	8.89E-05	2.95E-07	1.42E-05	0.002854
3803	485363.09	3852377.25	0.02525	0.02011	0.0227	0.00924	2.29E-03	8.5E-05	4.2E-07	2.1E-05	0.0024	2.89E-03	0.000107	3.61E-07	1.25E-05	3.01E-03	0.002847	9.24E-05	2.95E-07	1.33E-05	0.002953
3804	485863.09	3852377.25	0.02284	0.01864	0.01945	0.00804	2.07E-03	7.9E-05	3.6E-07	1.9E-05	0.00217	2.61E-03	9.95E-05	3.09E-07	1.09E-05	2.72E-03	0.002575	8.56E-05	2.52E-07	1.15E-05	0.002673
3805	486363.09	3852377.25	0.019	0.0182	0.01465	0.00654	1.72E-03	7.7E-05	2.7E-07	1.5E-05	0.00181	2.17E-03	9.72E-05	2.33E-07	8.84E-06	2.28E-03	0.002142	8.36E-05	1.9E-07	9.39E-06	0.002235
3806	486863.09	3852377.25	0.01794	0.01626	0.01345	0.00599	1.63E-03	6.9E-05	2.5E-07	1.4E-05	0.00171	2.05E-03	8.68E-05	2.14E-07	8.1E-06	2.15E-03	0.002023	7.47E-05	1.75E-07	8.6E-06	0.002106
3807	487363.09	3852377.25	0.01651	0.01491	0.01178	0.0056	1.50E-03	6.3E-05	2.2E-07	1.3E-05	0.00157	1.89E-03	7.96E-05	1.87E-07	7.57E-06	1.98E-03	0.001861	6.85E-05	1.53E-07	8.04E-06	0.001938
3808	487863.09	3852377.25	0.01577	0.01454	0.01079	0.00549	1.43E-03	6.2E-05	2E-07	1.3E-05	0.0015	1.80E-03	7.76E-05	1.71E-07	7.42E-06	1.89E-03	0.001778	6.68E-05	1.4E-07	7.88E-06	0.001853
3809	488363.09	3852377.25	0.01536	0.01605	0.01041	0.00544	1.39E-03	6.8E-05	1.9E-07	1.3E-05	0.00147	1.76E-03	8.57E-05	1.65E-07	7.36E-06	1.85E-03	0.001732	7.37E-05	1.35E-07	7.81E-06	0.001813
3810	488863.09	3852377.25	0.01486	0.01673	0.01035	0.00546	1.35E-03	7.1E-05	1.9E-07	1.3E-05	0.00143	1.70E-03	8.93E-05	1.64E-07	7.38E-06	1.80E-03	0.001675	7.68E-05	1.34E-07	7.84E-06	0.00176
3811	489363.09	3852377.25	0.0149	0.01667	0.01081	0.00584	1.35E-03	7.1E-05	2E-07	1.4E-05	0.00143	1.70E-03	8.9E-05	1.72E-07	7.9E-06	1.80E-03	0.00168	7.66E-05	1.4E-07	8.39E-06	0.001765
3812	489863.09	3852377.25	0.01432	0.01638	0.01086	0.00613	1.30E-03	6.9E-05	2E-07	1.4E-05	0.00138	1.64E-03	8.75E-05	1.73E-07	8.29E-06	1.73E-03	0.001615	7.52E-05	1.41E-07	8.8E-06	0.001699
3813	490363.09	3852377.25	0.01648	0.01888	0.01311	0.00724	1.49E-03	8E-05	2.5E-07	1.7E-05	0.00159	1.88E-03	0.000101	2.08E-07	9.79E-06	2.00E-03	0.001858	8.67E-05	1.7E-07	1.04E-05	0.001955
3814	490863.09	3852377.25	0.01821	0.02085	0.01515	0.00841	1.65E-03	8.8E-05	2.8E-07	1.9E-05	0.00176	2.08E-03	0.000111	2.41E-07	1.14E-05	2.21E-03	0.002053	9.58E-05	1.97E-07	1.21E-05	0.002161
3815	491363.09	3852377.25	0.02186	0.02459	0.01893	0.01031	1.98E-03	0.0001	3.5E-07	2.4E-05	0.00211	2.50E-03	0.000131	3.01E-07	1.39E-05	2.65E-03	0.002465	0.000113	2.46E-07	1.48E-05	0.002593
3816	491863.09	3852377.25	0.02276	0.02478	0.02025	0.01139	2.06E-03	0.0001	3.8E-07	2.6E-05	0.00219	2.60E-03	0.000132	3.22E-07	1.54E-05	2.75E-03	0.002566	0.000114	2.63E-07	1.64E-05	0.002697
3817	492363.09	3852377.25	0.02321	0.02477	0.02129	0.0123	2.10E-03	0.0001	4E-07	2.8E-05	0.00224	2.65E-03	0.000132	3.38E-07	1.66E-05	2.80E-03	0.002617	0.000114	2.76E-07	1.77E-05	0.002749
3818	492863.09	3852377.25	0.02489	0.02609	0.02341	0.01359	2.26E-03	0.00011	4.4E-07	3.1E-05	0.0024	2.85E-03	0.000139	3.72E-07	1.84E-05	3.00E-03	0.002806	0.00012	3.04E-07	1.95E-05	0.002946
3819	493363.09	3852377.25	0.02773	0.02847	0.02673	0.01538	2.51E-03	0.00012	5E-07	3.6E-05	0.00267	3.17E-03	0.000152	4.25E-07	2.08E-05	3.34E-03	0.003127	0.000131	3.47E-07	2.21E-05	0.00328
3820	493863.09	3852377.25	0.02743	0.02799	0.02687	0.01591	2.49E-03	0.00012	5E-07	3.7E-05	0.00264	3.14E-03	0.000149	4.27E-07	2.15E-05	3.31E-03	0.003093	0.000129	3.49E-07	2.28E-05	0.003244
3821	494363.09	3852377.25	0.02711	0.02775	0.02684	0.01639	2.46E-03	0.00012	5E-07	3.8E-05	0.00261	3.10E-03	0.000148	4.27E-07	2.22E-05	3.27E-03	0.003057	0.000127	3.48E-07	2.35E-05	0.003208
3822	494863.09	3852377.25	0.02842	0.02941	0.02852	0.01763	2.58E-03	0.00012	5.3E-07	4.1E-05	0.00274	3.25E-03	0.000157	4.53E-07	2.38E-05	3.43E-03	0.003204	0.000135	3.7E-07	2.53E-05	0.003365
3823	495363.09	3852377.25	0.02969	0.0308	0.0301	0.01893	2.69E-03	0.00013	5.6E-07	4.4E-05	0.00287	3.40E-03	0.000164	4.78E-07	2.56E-05	3.59E-03	0.003348	0.000141	3.91E-07	2.72E-05	0.003517
3824	495863.09	3852377.25	0.02845	0.02908	0.02906	0.01885	2.58E-03	0.00012	5.4E-07	4.4E-05	0.00275	3.25E-03	0.000155	4.62E-07	2.55E-05	3.44E-03	0.003208	0.000134	3.77E-07	2.71E-05	0.003369
3825	496363.09	3852377.25	0.02712	0.02731	0.02786	0.01857	2.46E-03	0.00012	5.2E-07	4.3E-05	0.00262	3.10E-03	0.000146	4.43E-07	2.51E-05	3.27E-03	0.003058	0.000125	3.62E-07	2.67E-05	0.00321
3826	496863.09	3852377.25	0.02619	0.0263	0.02704	0.01846	2.37E-03	0.00011	5.1E-07	4.3E-05	0.00253	3.00E-03	0.00014	4.3E-07	2.5E-05	3.16E-03	0.002953	0.000121	3.51E-07	2.65E-05	0.003101
3827	497363.09	3852377.25	0.02371	0.02395	0.02462	0.01739	2.15E-03	0.0001	4.6E-07	4E-05	0.00229	2.71E-03	0.000128	3.91E-07	2.35E-05	2.86E-03	0.002673	0.00011	3.2E-07	2.5E-05	0.002809
3828	497863.09	3852377.25	0.02131	0.02169	0.02213	0.01624	1.93E-03	9.2E-05	4.1E-07	3.8E-05	0.00206	2.44E-03	0.000116	3.52E-07	2.2E-05	2.58E-03	0.002403	9.96E-05	2.87E-07	2.33E-05	0.002526
3829	498363.09	3852377.25	0.01917	0.01966	0.01992	0.01516	1.74E-03	8.3E-05	3.7E-07	3.5E-05	0.00186	2.19E-03	0.000105	3.17E-07	2.05E-05	2.32E-03	0.002161	9.03E-05	2.59E-07	2.18E-05	0.002274
3830	471363.09	3852877.25	0.00684	0.00666	0.00709	0.00475	6.20E-04	2.8E-05	1.3E-07	1.1E-05	0.00066	7.82E-04	3.56E-05	1.13E-07	6.42E-06	8.24E-04	0.000771	3.06E-05	9.2E-08	6.82E-06	0.000809
3831	471863.09	3852877.25	0.00758	0.00751	0.00779	0.00522	6.87E-04	3.2E-05	1.5E-07	1.2E-05	0.00073	8.67E-04	4.01E-05	1.24E-07	7.06E-06	9.14E-04	0.000855	3.45E-05	1.01E-07	7.5E-06	0.000897
3832	472363.09	3852877.25	0.00834	0.00858	0.00852	0.0057	7.56E-04	3.6E-05	1.6E-07	1.3E-05	0.00081	9.54E-04	4.58E-05	1.35E-07	7.71E-06	1.01E-03	0.00094	3.94E-05	1.11E-07	8.19E-06	0.000988
3833	472863.09	3852877.25	0.00904	0.00968	0.0092	0.00616	8.19E-04	4.1E-05	1.7E-07	1.4E-05	0.00087	1.03E-03	5.17E-05	1.46E-07	8.33E-06	1.09E-03	0.001019	4.45E-05	1.19E-07	8.85E-06	0.001073
3834	473363.09	3852877.25	0.00983	0.01083	0.00998	0.00661	8.91E-04	4.6E-05	1.9E-07	1.5E-05	0.00095	1.12E-03	5.78E-05	1.59E-07	8.94E-06	1.19E-03	0.001108	4.97E-05	1.3E-07	9.49E-06	0.001168
3835	473863.09	3852877.25	0.0108	0.01202	0.01092	0.00719	9.79E-04	5.1E-05	2E-07	1.7E-05	0.00105	1.24E-03	6.42E-05	1.74E-07	9.72E-06	1.31E-03	0.001218	5.52E-05	1.42E-07	1.03E-05	0.001283
3836	474363.09	3852877.25	0.01179	0.01296	0.01185	0.00786	1.07E-03	5.5E-05	2.2E-07	1.8E-05	0.00114	1.35E-03	6.92E-05	1.88E-07	1.06E-05	1.43E-03	0.001329	5.95E-05	1.54E-07	1.13E-05	0.0014
3837	474863.09	3852877.25	0.01157	0.01237	0.01166	0.00733	1.05E-03	5.2E-05	2.2E-07	1.7E-05	0.00112	1.32E-03	6.6E-05	1.85E-07	9.91E-06	1.40E-03	0.001305	5.68E-05	1.51E-07	1.05E-05	0.001372
3838	475363.09	3852877.25	0.01271	0.01295	0.01273	0.00806	1.15E-03	5.5E-05	2.4E-07	1.9E-05	0.00123	1.45E-03	6.91E-05	2.02E-07	1.09E-05	1.53E-03	0.001433	5.95E-05	1.65E-07	1.16E-05	0.001504
3839	475863.09	3852877.25	0.01327	0.01287	0.01324	0.00828	1.20E-03	5.4E-05	2.5E-07	1.9E-05	0.00128	1.52E-03	6.87E-05	2.1E-07	1.12E-05	1.60E-03	0.001496	5.91E-05	1.72E-07	1.19E-05	0.001567

3840	476363.09	3852877.25	0.01296	0.0123	0.01298	0.00782	1.17E-03	5.2E-05	2.4E-07	1.8E-05	0.00124	1.48E-03	6.57E-05	2.06E-07	1.06E-05	1.56E-03	0.001461	5.65E-05	1.68E-07	1.12E-05	0.001529
3841	476863.09	3852877.25	0.01184	0.01151	0.01194	0.00697	1.07E-03	4.9E-05	2.2E-07	1.6E-05	0.00114	1.35E-03	6.15E-05	1.9E-07	9.42E-06	1.43E-03	0.001335	5.29E-05	1.55E-07	1E-05	0.001398
3842	477363.09	3852877.25	0.01105	0.01141	0.01104	0.00642	1.00E-03	4.8E-05	2.1E-07	1.5E-05	0.00106	1.26E-03	6.09E-05	1.75E-07	8.68E-06	1.33E-03	0.001246	5.24E-05	1.43E-07	9.22E-06	0.001308
3843	477863.09	3852877.25	0.01009	0.01074	0.00992	0.0059	9.14E-04	4.5E-05	1.9E-07	1.4E-05	0.00097	1.15E-03	5.73E-05	1.58E-07	7.98E-06	1.22E-03	0.001138	4.93E-05	1.29E-07	8.47E-06	0.001196
3844	478363.09	3852877.25	0.00788	0.00852	0.00755	0.0051	7.14E-04	3.6E-05	1.4E-07	1.2E-05	0.00076	9.01E-04	4.55E-05	1.2E-07	6.9E-06	9.54E-04	0.000888	3.91E-05	9.8E-08	7.32E-06	0.000935
3845	478863.09	3852877.25	0.00966	0.01016	0.00928	0.00594	8.75E-04	4.3E-05	1.7E-07	1.4E-05	0.00093	1.10E-03	5.42E-05	1.47E-07	8.03E-06	1.17E-03	0.001089	4.67E-05	1.2E-07	8.53E-06	0.001144
3846	479363.09	3852877.25	0.01399	0.01389	0.01396	0.0078	1.27E-03	5.9E-05	2.6E-07	1.8E-05	0.00134	1.60E-03	7.42E-05	2.22E-07	1.05E-05	1.69E-03	0.001577	6.38E-05	1.81E-07	1.12E-05	0.001653
3847	479863.09	3852877.25	0.02457	0.0238	0.02359	0.01361	2.23E-03	0.0001	4.4E-07	3.2E-05	0.00236	2.81E-03	0.000127	3.75E-07	1.84E-05	2.96E-03	0.00277	0.000109	3.06E-07	1.95E-05	0.002899
3848	480363.09	3852877.25	0.03223	0.02948	0.02868	0.01985	2.92E-03	0.00012	5.4E-07	4.6E-05	0.00309	3.69E-03	0.000157	4.56E-07	2.68E-05	3.87E-03	0.003634	0.000135	3.72E-07	2.85E-05	0.003798
3849	480863.09	3852877.25	0.03584	0.03199	0.03065	0.02095	3.25E-03	0.00014	5.7E-07	4.9E-05	0.00343	4.10E-03	0.000171	4.87E-07	2.83E-05	4.30E-03	0.004041	0.000147	3.98E-07	3.01E-05	0.004218
3850	481363.09	3852877.25	0.03818	0.03164	0.03114	0.02196	3.46E-03	0.00013	5.8E-07	5.1E-05	0.00365	4.37E-03	0.000169	4.95E-07	2.97E-05	4.57E-03	0.004305	0.000145	4.04E-07	3.15E-05	0.004482
3851	481863.09	3852877.25	0.04358	0.03437	0.03211	0.02103	3.95E-03	0.00015	6E-07	4.9E-05	0.00414	4.98E-03	0.000184	5.1E-07	2.84E-05	5.20E-03	0.004914	0.000158	4.17E-07	3.02E-05	0.005102
3852	482363.09	3852877.25	0.05038	0.04285	0.03987	0.02843	4.57E-03	0.00018	7.5E-07	6.6E-05	0.00481	5.76E-03	0.000229	6.34E-07	3.84E-05	6.03E-03	0.00568	0.000197	5.18E-07	4.08E-05	0.005918
3853	482863.09	3852877.25	0.05553	0.04569	0.04638	0.03282	5.03E-03	0.00019	8.7E-07	7.6E-05	0.0053	6.35E-03	0.000244	7.37E-07	4.44E-05	6.64E-03	0.006261	0.00021	6.02E-07	4.71E-05	0.006519
3854	483363.09	3852877.25	0.04818	0.04133	0.04315	0.02225	4.37E-03	0.00017	8.1E-07	5.2E-05	0.00459	5.51E-03	0.000221	6.86E-07	3.01E-05	5.76E-03	0.005432	0.00019	5.6E-07	3.2E-05	0.005655
3855	483863.09	3852877.25	0.03523	0.03313	0.03214	0.013	3.19E-03	0.00014	6E-07	3E-05	0.00336	4.03E-03	0.000177	5.11E-07	1.76E-05	4.22E-03	0.003972	0.000152	4.17E-07	1.87E-05	0.004143
3856	484363.09	3852877.25	0.0399	0.03204	0.03508	0.01417	3.62E-03	0.00014	6.6E-07	3.3E-05	0.00378	4.56E-03	0.000171	5.58E-07	1.92E-05	4.75E-03	0.004499	0.000147	4.55E-07	2.03E-05	0.004667
3857	484863.09	3852877.25	0.04117	0.03115	0.03323	0.01415	3.73E-03	0.00013	6.2E-07	3.3E-05	0.0039	4.71E-03	0.000166	5.28E-07	1.91E-05	4.89E-03	0.004642	0.000143	4.31E-07	2.03E-05	0.004806
3858	485363.09	3852877.25	0.02987	0.02063	0.02296	0.0094	2.71E-03	8.7E-05	4.3E-07	2.2E-05	0.00282	3.42E-03	0.00011	3.65E-07	1.27E-05	3.54E-03	0.003368	9.47E-05	2.98E-07	1.35E-05	0.003476
3859	485863.09	3852877.25	0.02661	0.02091	0.01861	0.00806	2.41E-03	8.8E-05	3.5E-07	1.9E-05	0.00252	3.04E-03	0.000112	2.96E-07	1.09E-05	3.17E-03	0.003	9.6E-05	2.42E-07	1.16E-05	0.003108
3860	486363.09	3852877.25	0.02318	0.02021	0.01525	0.00695	2.10E-03	8.5E-05	2.9E-07	1.6E-05	0.0022	2.65E-03	0.000108	2.42E-07	9.4E-06	2.77E-03	0.002614	9.28E-05	1.98E-07	9.98E-06	0.002717
3861	486863.09	3852877.25	0.02272	0.01957	0.01439	0.00672	2.06E-03	8.3E-05	2.7E-07	1.6E-05	0.00216	2.60E-03	0.000104	2.29E-07	9.09E-06	2.71E-03	0.002562	8.99E-05	1.87E-07	9.65E-06	0.002661
3862	487363.09	3852877.25	0.02164	0.02127	0.01316	0.0065	1.96E-03	9E-05	2.5E-07	1.5E-05	0.00207	2.48E-03	0.000114	2.09E-07	8.79E-06	2.60E-03	0.00244	9.77E-05	1.71E-07	9.33E-06	0.002547
3863	487863.09	3852877.25	0.02143	0.02325	0.01361	0.00657	1.94E-03	9.8E-05	2.5E-07	1.5E-05	0.00206	2.45E-03	0.000124	2.16E-07	8.88E-06	2.58E-03	0.002416	0.000107	1.77E-07	9.43E-06	0.002533
3864	488363.09	3852877.25	0.01682	0.01971	0.01096	0.00595	1.52E-03	8.3E-05	2.1E-07	1.4E-05	0.00162	1.92E-03	0.000105	1.74E-07	8.05E-06	2.04E-03	0.001896	9.05E-05	1.42E-07	8.54E-06	0.001996
3865	488863.09	3852877.25	0.01919	0.0229	0.01342	0.00705	1.74E-03	9.7E-05	2.5E-07	1.6E-05	0.00185	2.19E-03	0.000122	2.13E-07	9.53E-06	2.33E-03	0.002164	0.000105	1.74E-07	1.01E-05	0.002279
3866	489363.09	3852877.25	0.02048	0.02443	0.01538	0.00813	1.86E-03	0.0001	2.9E-07	1.9E-05	0.00198	2.34E-03	0.00013	2.44E-07	1.1E-05	2.48E-03	0.002309	0.000112	2E-07	1.17E-05	0.002433
3867	489863.09	3852877.25	0.02154	0.02519	0.0172	0.00921	1.95E-03	0.00011	3.2E-07	2.1E-05	0.00208	2.46E-03	0.000135	2.73E-07	1.25E-05	2.61E-03	0.002429	0.000116	2.23E-07	1.32E-05	0.002558
3868	490363.09	3852877.25	0.02787	0.03176	0.02347	0.01203	2.53E-03	0.00013	4.4E-07	2.8E-05	0.00269	3.19E-03	0.00017	3.73E-07	1.63E-05	3.37E-03	0.003142	0.000146	3.05E-07	1.73E-05	0.003306
3869	490863.09	3852877.25	0.03092	0.03491	0.02691	0.01409	2.80E-03	0.00015	5E-07	3.3E-05	0.00298	3.54E-03	0.000186	4.28E-07	1.91E-05	3.74E-03	0.003486	0.00016	3.49E-07	2.02E-05	0.003667
3870	491363.09	3852877.25	0.03343	0.03688	0.03013	0.01606	3.03E-03	0.00016	5.6E-07	3.7E-05	0.00322	3.82E-03	0.000197	4.79E-07	2.17E-05	4.04E-03	0.003769	0.000169	3.91E-07	2.31E-05	0.003962
3871	491863.09	3852877.25	0.03425	0.03682	0.03179	0.01739	3.10E-03	0.00016	6E-07	4E-05	0.0033	3.92E-03	0.000197	5.05E-07	2.35E-05	4.14E-03	0.003862	0.000169	4.13E-07	2.5E-05	0.004056
3872	492363.09	3852877.25	0.03536	0.03711	0.03372	0.01877	3.20E-03	0.00016	6.3E-07	4.3E-05	0.00341	4.04E-03	0.000198	5.36E-07	2.54E-05	4.27E-03	0.003987	0.00017	4.38E-07	2.7E-05	0.004185
3873	492863.09	3852877.25	0.03797	0.03892	0.03731	0.02079	3.44E-03	0.00016	7E-07	4.8E-05	0.00365	4.34E-03	0.000208	5.93E-07	2.81E-05	4.58E-03	0.004281	0.000179	4.84E-07	2.99E-05	0.00449
3874	493363.09	3852877.25	0.0394	0.03999	0.03948	0.02244	3.57E-03	0.00017	7.4E-07	5.2E-05	0.00379	4.51E-03	0.000214	6.27E-07	3.03E-05	4.75E-03	0.004442	0.000184	5.12E-07	3.22E-05	0.004659
3875	493863.09	3852877.25	0.03864	0.03927	0.03908	0.02304	3.50E-03	0.00017	7.3E-07	5.3E-05	0.00372	4.42E-03	0.00021	6.21E-07	3.12E-05	4.66E-03	0.004357	0.00018	5.07E-07	3.31E-05	0.004571
3876	494363.09	3852877.25	0.03809	0.03885	0.03886	0.02364	3.45E-03	0.00016	7.3E-07	5.5E-05	0.00367	4.36E-03	0.000207	6.18E-07	3.2E-05	4.60E-03	0.004295	0.000178	5.04E-07	3.39E-05	0.004508
3877	494863.09	3852877.25	0.03819	0.03862	0.03927	0.02455	3.46E-03	0.00016	7.4E-07	5.7E-05	0.00368	4.37E-03	0.000206	6.24E-07	3.32E-05	4.61E-03	0.004306	0.000177	5.1E-07	3.53E-05	0.004519
3878	495363.09	3852877.25	0.03598	0.03598	0.03721	0.02401	3.26E-03	0.00015	7E-07	5.6E-05	0.00347	4.12E-03	0.000192	5.91E-07	3.25E-05	4.34E-03	0.004057	0.000165	4.83E-07	3.45E-05	0.004257
3879	495863.09	3852877.25	0.03382	0.03387	0.03514	0.02332	3.06E-03	0.00014	6.6E-07	5.4E-05	0.00326	3.87E-03	0.000181	5.58E-07	3.15E-05	4.08E-03	0.003813	0.000156	4.56E-07	3.35E-05	0.004003
3880	496363.09	3852877.25	0.03297	0.03331	0.03438	0.0233	2.99E-03	0.00014	6.4E-07	5.4E-05	0.00318	3.77E-03	0.000178	5.46E-07	3.15E-05	3.98E-03	0.003717	0.000153	4.46E-07	3.35E-05	0.003904
3881	496863.09	3852877.25	0.03128	0.03189	0.0327	0.02267	2.83E-03	0.00013	6.1E-07	5.3E-05	0.00302	3.58E-03	0.00017	5.2E-07	3.07E-05	3.78E-03	0.003527	0.000146	4.24E-07	3.26E-05	0.003706
3882	497363.09	3852877.25	0.02681	0.02742	0.02815	0.0203	2.43E-03	0.00012	5.3E-07	4.7E-05	0.00259	3.07E-03	0.000146	4.47E-07	2.74E-05	3.24E-03	0.003023	0.000126	3.65E-07	2.92E-05	0.003178
3883	497863.09	3852877.25	0.02037	0.02079	0.0214	0.01665	1.85E-03	8.8E-05	4E-07	3.9E-05	0.00197	2.33E-03	0.000111	3.4E-07	2.25E-05	2.46E-03	0.002297	9.55E-05	2.78E-07	2.39E-05	0.002416
3884	498363.09	3852877.25	0.01907	0.01944	0.02006	0.01599	1.73E-03	8.2E-05	3.8E-07	3.7E-05	0.00185	2.18E-03	0.000104	3.19E-07	2.16E-05	2.31E-03	0.00215	8.93E-05	2.6E-07	2.3E-05	0.002263
3885	471363.09	3853377.25	0.00714	0.00711	0.00753	0.00499	6.47E-04	3E-05	1.4E-07	1.2E-05	0.00069	8.17E-04	3.8E-05	1.2E-07	6.75E-06	8.61E-04	0.000805	3.27E-05	9.77E-08	7.17E-06	0.000845
3886	471863.09	3853377.25	0.0078	0.00766	0.00817	0.00537	7.07E-04	3.2E-05	1.5E-07	1.2E-05	0.00075	8.92E-04	4.09E-05	1.3E-07	7.26E-06	9.40E-04	0.000879	3.52E-05	1.06E-07	7.71E-06	0.000922
3887	472363.09	3853377.25	0.00844	0.00819	0.00879	0.00575	7.65E-04	3.5E-05	1.6E-07	1.3E-05	0.00081	9.65E-04	4.37E-05	1.4E-07	7.77E-06	1.02E-03	0.000952	3.76E-05	1.14E-07	8.26E-06	0.000998
3888	472863.09	3853377.25	0.00914	0.0088	0.00942	0.00623	8.28E-04	3.7E-05	1.8E-07	1.4E-05	0.00088	1.05E-03	4.7E-05	1.5E-07	8.42E-06	1.10E-03	0.001031	4.04E-05	1.22E-07	8.95E-06	0.00108
3889	473363.09	3853377.25	0.00975	0.00945	0.00996	0.00661	8.84E-04	4E-05	1.9E-07	1.5E-05	0.00094	1.12E-03	5.05E-05	1.58E-07	8.94E-06	1.17E-03	0.001099	4.34E-05	1.29E-07	9.49E-06	0.001152
3890	473863.09	3853377.25	0.01047	0.01036	0.01064	0.00705	9.49E-04	4.4E-05	2E-07	1.6E-05	0.00101	1.20E-03	5.53E-05	1.69E-07	9.53E-06	1.26E-03	0.00118	4.76E-05	1.38E-07	1.01E-05	0.001238
3891	474363.09	3853377.25	0.0112	0.01142	0.01139	0.00746	1.01E-03	4.8E-05	2.1E-07	1.7E-05	0.00108	1.28E-03	6.1E-05	1.81E-07	1.01E-05	1.35E-03	0.001263	5.24E-05	1.48E-07	1.07E-05	0.001326
3892	474863.09	3853377.25	0.0114	0.01198	0.01168	0.00739	1.03E-03	5.1E-05	2.2E-07	1.7E-05	0.0011	1.30E-03	6.4E-05	1.86E-07	9.99E-06	1.38E-03	0.001285	5.5E-05	1.52E-07	1.06E-05	0.001351
3893	475363.09	3853377.25	0.01182	0.01267	0.0122	0.00747	1.07E-03	5.4E-05	2.3E-07	1.7E-05	0.00114	1.35E-03	6.77E-05	1.94E-07	1.01E-05	1.43E-03	0.001333	5.82E-05	1.58E-07	1.07E-05	0.001402
3894	475863.09	3853377.25	0.01218	0.01315	0.01261	0.00747	1.10E-03	5.6E-05	2.4E-07	1.7E-05	0.00118	1.39E-03	7.02E-05	2E-07	1.01E-05	1.47E-03	0.001373	6.04E-05	1.64E-07	1.07E-05	0.001445
3895	476363.09	3853377.25	0.01163	0.01242	0.01204	0.00695	1.05E-03	5.3E-05	2.3E-07	1.6E-05	0.00112	1.33E-03	6.63E-05	1.91E-07	9.4E-06	1.41E-03	0.001311	5.7E-05	1.56E-07	9.98E-06	0.001378
3896	476863.09	3853377.25	0.01003	0.01028	0.01041	0.00617	9.09E-04	4.3E-05	1.9E-07	1.4E-05	0.00097	1.15E-03	5.49E-05	1.65E-07	8.34E-06	1.21E-03	0.001131	4.72E-05	1.35E-07	8.86E-06	0.001187
3897	477363.09	3853377.25	0.00985	0.00966	0.01012	0.0061	8.93E-04	4.1E-05	1.9E-07	1.4E-05	0.00095	1.13E-03	5.16E-05	1.61E-07	8.25E-06	1.19E-03	0.001111	4.44E-05	1.31E-07	8.76E-06	0.001164
3898	477863.09	3853377.25	0.01007	0.0097	0.0101	0.00621	9.13E-04	4.1E-05	1.9E-07	1.4E-05	0.00097	1.15E-03	5.18E-05	1.61E-07	8.4E-06	1.21E-03	0.001135	4.45E-05	1.31E-07	8.92E-06	0.001189
3899	478363.09	3853377.25	0.00853	0.00842	0.00844	0.00561	7.73E-04	3.6E-05	1.6E-07	1.3E-05	0.00082	9.76E-04	4.5E-05	1.34E-07	7.59E-06	1.03E-03	0.000962	3.87E-05	1.1E-07	8.06E-06	0.001009
3900	478863.09	3853377.25	0.00659	0.00693	0.00641	0.00483	5.97E-04	2.9E-05	1.2E-07	1.1E-05	0.00064	7.54E-04	3.7E-05	1.02E-07	6.53E-06	7.97E-04	0.000743	3.18E-05	8.32E-08	6.94E-06	0.000782

3901	479363.09	3853377.25	0.01182	0.01276	0.01136	0.0069	1.07E-03	5.4E-05	2.1E-07	1.6E-05	0.00114	1.35E-03	6.81E-05	1.81E-07	9.33E-06	1.43E-03	0.001333	5.86E-05	1.47E-07	9.91E-06	0.001401
3902	479863.09	3853377.25	0.0195	0.02086	0.01812	0.00961	1.77E-03	8.8E-05	3.4E-07	2.2E-05	0.00188	2.23E-03	0.000111	2.88E-07	1.3E-05	2.36E-03	0.002199	9.58E-05	2.35E-07	1.38E-05	0.002308
3903	480363.09	3853377.25	0.03215	0.03122	0.02861	0.01664	2.91E-03	0.00013	5.4E-07	3.9E-05	0.00308	3.68E-03	0.000167	4.55E-07	2.25E-05	3.87E-03	0.003625	0.000143	3.71E-07	2.39E-05	0.003793
3904	480863.09	3853377.25	0.03488	0.0335	0.03168	0.01678	3.16E-03	0.00014	5.9E-07	3.9E-05	0.00334	3.99E-03	0.000179	5.03E-07	2.27E-05	4.19E-03	0.003933	0.000154	4.11E-07	2.41E-05	0.004111
3905	481363.09	3853377.25	0.04826	0.04281	0.03849	0.02344	4.37E-03	0.00018	7.2E-07	5.4E-05	0.00461	5.52E-03	0.000229	6.12E-07	3.17E-05	5.78E-03	0.005441	0.000197	5E-07	3.37E-05	0.005672
3906	481863.09	3853377.25	0.05774	0.04436	0.04044	0.02827	5.23E-03	0.00019	7.6E-07	6.5E-05	0.00549	6.60E-03	0.000237	6.43E-07	3.82E-05	6.88E-03	0.00651	0.000204	5.25E-07	4.06E-05	0.006755
3907	482363.09	3853377.25	0.07404	0.0475	0.04198	0.02729	6.71E-03	0.0002	7.9E-07	6.3E-05	0.00697	8.47E-03	0.000254	6.67E-07	3.69E-05	8.76E-03	0.008348	0.000218	5.45E-07	3.92E-05	0.008606
3908	482863.09	3853377.25	0.09002	0.06057	0.05251	0.03549	8.16E-03	0.00026	9.8E-07	8.2E-05	0.0085	1.03E-02	0.000323	8.35E-07	4.8E-05	1.07E-02	0.01015	0.000278	6.82E-07	5.1E-05	0.01048
3909	483363.09	3853377.25	0.0967	0.06603	0.06242	0.03603	8.76E-03	0.00028	1.2E-06	8.3E-05	0.00913	1.11E-02	0.000353	9.92E-07	4.87E-05	1.15E-02	0.010903	0.000303	8.1E-07	5.17E-05	0.011259
3910	483863.09	3853377.25	0.08924	0.05974	0.05675	0.0258	8.09E-03	0.00025	1.1E-06	6E-05	0.0084	1.02E-02	0.000319	9.02E-07	3.49E-05	1.06E-02	0.010062	0.000274	7.37E-07	3.71E-05	0.010374
3911	484363.09	3853377.25	0.08433	0.05327	0.05468	0.02221	7.64E-03	0.00023	1E-06	5.1E-05	0.00792	9.65E-03	0.000284	8.69E-07	3E-05	9.96E-03	0.009508	0.000245	7.1E-07	3.19E-05	0.009785
3912	484863.09	3853377.25	0.0643	0.04171	0.04228	0.01567	5.83E-03	0.00018	7.9E-07	3.6E-05	0.00604	7.35E-03	0.000223	6.72E-07	2.12E-05	7.60E-03	0.00725	0.000192	5.49E-07	2.25E-05	0.007464
3913	485363.09	3853377.25	0.04006	0.02582	0.02376	0.01034	3.63E-03	0.00011	4.4E-07	2.4E-05	0.00376	4.58E-03	0.000138	3.78E-07	1.4E-05	4.73E-03	0.004517	0.000119	3.08E-07	1.48E-05	0.00465
3914	485863.09	3853377.25	0.02932	0.0222	0.01558	0.00788	2.66E-03	9.4E-05	2.9E-07	1.8E-05	0.00277	3.35E-03	0.000119	2.48E-07	1.07E-05	3.48E-03	0.003306	0.000102	2.02E-07	1.13E-05	0.003419
3915	486363.09	3853377.25	0.03132	0.0272	0.01667	0.00795	2.84E-03	0.00012	3.1E-07	1.8E-05	0.00297	3.58E-03	0.000145	2.65E-07	1.07E-05	3.74E-03	0.003531	0.000125	2.16E-07	1.14E-05	0.003668
3916	486863.09	3853377.25	0.03316	0.0345	0.01805	0.00827	3.01E-03	0.00015	3.4E-07	1.9E-05	0.00317	3.79E-03	0.000184	2.87E-07	1.12E-05	3.99E-03	0.003739	0.000158	2.34E-07	1.19E-05	0.003909
3917	487363.09	3853377.25	0.03712	0.04366	0.0222	0.00916	3.36E-03	0.00018	4.2E-07	2.1E-05	0.00357	4.25E-03	0.000233	3.53E-07	1.24E-05	4.49E-03	0.004185	0.000201	2.88E-07	1.32E-05	0.004399
3918	487863.09	3853377.25	0.04008	0.04869	0.02625	0.01056	3.63E-03	0.00021	4.9E-07	2.4E-05	0.00386	4.58E-03	0.00026	4.17E-07	1.43E-05	4.86E-03	0.004519	0.000224	3.41E-07	1.52E-05	0.004758
3919	488363.09	3853377.25	0.04375	0.0545	0.03132	0.01269	3.96E-03	0.00023	5.9E-07	2.9E-05	0.00423	5.00E-03	0.000291	4.98E-07	1.72E-05	5.31E-03	0.004933	0.00025	4.07E-07	1.82E-05	0.005202
3920	488863.09	3853377.25	0.04485	0.05429	0.03466	0.0146	4.06E-03	0.00023	6.5E-07	3.4E-05	0.00433	5.13E-03	0.00029	5.51E-07	1.97E-05	5.44E-03	0.005057	0.000249	4.5E-07	2.1E-05	0.005328
3921	489363.09	3853377.25	0.04539	0.05376	0.03714	0.01662	4.11E-03	0.00023	7E-07	3.8E-05	0.00438	5.19E-03	0.000287	5.9E-07	2.25E-05	5.50E-03	0.005118	0.000247	4.82E-07	2.39E-05	0.005389
3922	489863.09	3853377.25	0.04435	0.05156	0.03806	0.01809	4.02E-03	0.00022	7.1E-07	4.2E-05	0.00428	5.07E-03	0.000275	6.05E-07	2.45E-05	5.37E-03	0.005	0.000237	4.94E-07	2.6E-05	0.005264
3923	490363.09	3853377.25	0.04731	0.05418	0.04221	0.02074	4.29E-03	0.00023	7.9E-07	4.8E-05	0.00457	5.41E-03	0.000289	6.71E-07	2.8E-05	5.73E-03	0.005334	0.000249	5.48E-07	2.98E-05	0.005613
3924	490863.09	3853377.25	0.049	0.05427	0.0456	0.02295	4.44E-03	0.00023	8.5E-07	5.3E-05	0.00472	5.60E-03	0.00029	7.25E-07	3.1E-05	5.93E-03	0.005525	0.000249	5.92E-07	3.3E-05	0.005808
3925	491363.09	3853377.25	0.05035	0.05357	0.04836	0.02508	4.56E-03	0.00023	9.1E-07	5.8E-05	0.00485	5.76E-03	0.000286	7.69E-07	3.39E-05	6.08E-03	0.005677	0.000246	6.28E-07	3.6E-05	0.00596
3926	491863.09	3853377.25	0.05108	0.05241	0.05016	0.02692	4.63E-03	0.00022	9.4E-07	6.2E-05	0.00491	5.84E-03	0.00028	7.97E-07	3.64E-05	6.16E-03	0.005759	0.000241	6.51E-07	3.87E-05	0.006039
3927	492363.09	3853377.25	0.05305	0.05303	0.05325	0.02923	4.81E-03	0.00022	1E-06	6.8E-05	0.0051	6.07E-03	0.000283	8.46E-07	3.95E-05	6.39E-03	0.005981	0.000244	6.91E-07	4.2E-05	0.006268
3928	492863.09	3853377.25	0.05458	0.05451	0.05587	0.03143	4.95E-03	0.00023	1E-06	7.3E-05	0.00525	6.24E-03	0.000291	8.88E-07	4.25E-05	6.58E-03	0.006154	0.00025	7.25E-07	4.51E-05	0.00645
3929	493363.09	3853377.25	0.05381	0.0544	0.0555	0.03246	4.88E-03	0.00023	1E-06	7.5E-05	0.00518	6.15E-03	0.00029	8.82E-07	4.39E-05	6.49E-03	0.006067	0.00025	7.2E-07	4.66E-05	0.006364
3930	493863.09	3853377.25	0.05253	0.05309	0.05465	0.03298	4.76E-03	0.00022	1E-06	7.6E-05	0.00506	6.01E-03	0.000283	8.69E-07	4.46E-05	6.34E-03	0.005923	0.000244	7.09E-07	4.74E-05	0.006215
3931	494363.09	3853377.25	0.04976	0.04966	0.05215	0.0324	4.51E-03	0.00021	9.8E-07	7.5E-05	0.0048	5.69E-03	0.000265	8.29E-07	4.38E-05	6.00E-03	0.00561	0.000228	6.77E-07	4.65E-05	0.005886
3932	494863.09	3853377.25	0.04642	0.04622	0.04893	0.03129	4.21E-03	0.0002	9.2E-07	7.2E-05	0.00448	5.31E-03	0.000247	7.78E-07	4.23E-05	5.60E-03	0.005234	0.000212	6.35E-07	4.49E-05	0.005492
3933	495363.09	3853377.25	0.04447	0.04451	0.04709	0.0309	4.03E-03	0.00019	8.8E-07	7.2E-05	0.00429	5.09E-03	0.000238	7.48E-07	4.18E-05	5.37E-03	0.005014	0.000204	6.11E-07	4.44E-05	0.005263
3934	495863.09	3853377.25	0.04173	0.04197	0.04429	0.02982	3.78E-03	0.00018	8.3E-07	6.9E-05	0.00403	4.77E-03	0.000224	7.04E-07	4.03E-05	5.04E-03	0.004705	0.000193	5.75E-07	4.28E-05	0.004941
3935	496363.09	3853377.25	0.03819	0.03844	0.04055	0.02806	3.46E-03	0.00016	7.6E-07	6.5E-05	0.00369	4.37E-03	0.000205	6.44E-07	3.79E-05	4.61E-03	0.004306	0.000177	5.26E-07	4.03E-05	0.004523
3936	496863.09	3853377.25	0.03339	0.03355	0.03555	0.02546	3.03E-03	0.00014	6.7E-07	5.9E-05	0.00323	3.82E-03	0.000179	5.65E-07	3.44E-05	4.03E-03	0.003765	0.000154	4.61E-07	3.66E-05	0.003956
3937	497363.09	3853377.25	0.02775	0.02772	0.0295	0.02227	2.51E-03	0.00012	5.5E-07	5.2E-05	0.00268	3.17E-03	0.000148	4.69E-07	3.01E-05	3.35E-03	0.003129	0.000127	3.83E-07	3.2E-05	0.003288
3938	497863.09	3853377.25	0.01878	0.0187	0.01992	0.01659	1.70E-03	7.9E-05	3.7E-07	3.8E-05	0.00182	2.15E-03	9.98E-05	3.17E-07	2.24E-05	2.27E-03	0.002117	8.59E-05	2.59E-07	2.38E-05	0.002227
3939	498363.09	3853377.25	0.01488	0.01485	0.01569	0.01378	1.35E-03	6.3E-05	2.9E-07	3.2E-05	0.00144	1.70E-03	7.93E-05	2.49E-07	1.86E-05	1.80E-03	0.001678	6.82E-05	2.04E-07	1.98E-05	0.001766
3940	471363.09	3853877.25	0.00722	0.00757	0.00749	0.00515	6.54E-04	3.2E-05	1.4E-07	1.2E-05	0.0007	8.26E-04	4.04E-05	1.19E-07	6.96E-06	8.73E-04	0.000814	3.48E-05	9.72E-08	7.4E-06	0.000856
3941	471863.09	3853877.25	0.00795	0.00822	0.0083	0.00563	7.20E-04	3.5E-05	1.6E-07	1.3E-05	0.00077	9.09E-04	4.39E-05	1.32E-07	7.61E-06	9.61E-04	0.000896	3.77E-05	1.08E-07	8.08E-06	0.000942
3942	472363.09	3853877.25	0.00847	0.00858	0.00887	0.00591	7.68E-04	3.6E-05	1.7E-07	1.4E-05	0.00082	9.69E-04	4.58E-05	1.41E-07	7.99E-06	1.02E-03	0.000955	3.94E-05	1.15E-07	8.49E-06	0.001003
3943	472863.09	3853877.25	0.00915	0.00908	0.00958	0.0063	8.29E-04	3.8E-05	1.8E-07	1.5E-05	0.00088	1.05E-03	4.85E-05	1.52E-07	8.52E-06	1.10E-03	0.001032	4.17E-05	1.24E-07	9.05E-06	0.001083
3944	473363.09	3853877.25	0.00966	0.00943	0.01012	0.00653	8.75E-04	4E-05	1.9E-07	1.5E-05	0.00093	1.10E-03	5.04E-05	1.61E-07	8.83E-06	1.16E-03	0.001089	4.33E-05	1.31E-07	9.38E-06	0.001142
3945	473863.09	3853877.25	0.01022	0.00987	0.01068	0.0068	9.26E-04	4.2E-05	2E-07	1.6E-05	0.00098	1.17E-03	5.27E-05	1.7E-07	9.19E-06	1.23E-03	0.001152	4.53E-05	1.39E-07	9.77E-06	0.001208
3946	474363.09	3853877.25	0.01098	0.01054	0.0114	0.00721	9.95E-04	4.5E-05	2.1E-07	1.7E-05	0.00106	1.26E-03	5.63E-05	1.81E-07	9.75E-06	1.32E-03	0.001238	4.84E-05	1.48E-07	1.04E-05	0.001297
3947	474863.09	3853877.25	0.01166	0.01128	0.01202	0.00757	1.06E-03	4.8E-05	2.3E-07	1.8E-05	0.00112	1.33E-03	6.02E-05	1.91E-07	1.02E-05	1.40E-03	0.001315	5.18E-05	1.56E-07	1.09E-05	0.001377
3948	475363.09	3853877.25	0.0116	0.01148	0.01191	0.00736	1.05E-03	4.9E-05	2.2E-07	1.7E-05	0.00112	1.33E-03	6.13E-05	1.89E-07	9.95E-06	1.40E-03	0.001308	5.27E-05	1.55E-07	1.06E-05	0.001371
3949	475863.09	3853877.25	0.01024	0.01043	0.01054	0.00656	9.28E-04	4.4E-05	2E-07	1.5E-05	0.00099	1.17E-03	5.57E-05	1.68E-07	8.87E-06	1.24E-03	0.001155	4.79E-05	1.37E-07	9.42E-06	0.001212
3950	476363.09	3853877.25	0.00869	0.00907	0.00896	0.00588	7.88E-04	3.8E-05	1.7E-07	1.4E-05	0.00084	9.94E-04	4.84E-05	1.42E-07	7.95E-06	1.05E-03	0.00098	4.17E-05	1.16E-07	8.44E-06	0.00103
3951	476863.09	3853877.25	0.00685	0.00727	0.00711	0.00511	6.21E-04	3.1E-05	1.3E-07	1.2E-05	0.00066	7.83E-04	3.88E-05	1.13E-07	6.91E-06	8.29E-04	0.000772	3.34E-05	9.23E-08	7.34E-06	0.000813
3952	477363.09	3853877.25	0.00761	0.00809	0.00793	0.00548	6.90E-04	3.4E-05	1.5E-07	1.3E-05	0.00074	8.70E-04	4.32E-05	1.26E-07	7.41E-06	9.21E-04	0.000858	3.72E-05	1.03E-07	7.87E-06	0.000903
3953	477863.09	3853877.25	0.00897	0.00939	0.00926	0.00605	8.13E-04	4E-05	1.7E-07	1.4E-05	0.00087	1.03E-03	5.01E-05	1.47E-07	8.18E-06	1.08E-03	0.001011	4.31E-05	1.2E-07	8.69E-06	0.001063
3954	478363.09	3853877.25	0.00963	0.00987	0.00986	0.00631	8.73E-04	4.2E-05	1.8E-07	1.5E-05	0.00093	1.10E-03	5.27E-05	1.57E-07	8.53E-06	1.16E-03	0.001086	4.53E-05	1.28E-07	9.06E-06	0.00114
3955	478863.09	3853877.25	0.00679	0.00694	0.00681	0.00513	6.15E-04	2.9E-05	1.3E-07	1.2E-05	0.00066	7.77E-04	3.71E-05	1.08E-07	6.94E-06	8.21E-04	0.000766	3.19E-05	8.84E-08	7.37E-06	0.000805
3956	479363.09	3853877.25	0.00956	0.00955	0.00943	0.00634	8.66E-04	4E-05	1.8E-07	1.5E-05	0.00092	1.09E-03	5.1E-05	1.5E-07	8.57E-06	1.15E-03	0.001078	4.39E-05	1.22E-07	9.1E-06	0.001131
3957	479863.09	3853877.25	0.01933	0.01933	0.0183	0.00977	1.75E-03	8.2E-05	3.4E-07	2.3E-05	0.00186	2.21E-03	0.000103	2.91E-07	1.32E-05	2.33E-03	0.002179	8.88E-05	2.38E-07	1.4E-05	0.002282
3958	480363.09	3853877.25	0.02944	0.03089	0.02686	0.0134	2.67E-03	0.00013	5E-07	3.1E-05	0.00283	3.37E-03	0.000165	4.27E-07	1.81E-05	3.55E-03	0.003319	0.000142	3.49E-07	1.92E-05	0.003481
3959	480863.09	3853877.25	0.04584	0.04817	0.03782	0.02141	4.15E-03	0.0002	7.1E-07	5E-05	0.00441	5.24E-03	0.000257	6.01E-07	2.89E-05	5.53E-03	0.005168	0.000221	4.91E-07	3.07E-05	0.005421
3960	481363.09	3853877.25	0.05976	0.05449	0.04505	0.02766	5.42E-03	0.00023	8.4E-07	6.4E-05	0.00571	6.84E-03	0.000291	7.16E-07	3.74E-05	7.16E-03	0.006738	0.00025	5.85E-07	3.97E-05	0.007028
3961	481863.09	3853877.25	0.07473	0.05602	0.04829	0.035	6.77E-03	0.00024	9E-07	8.1E-05	0.00709	8.55E-03	0.000299	7.67E-07	4.73E-05	8.89E-03	0.008426	0.000257	6.27E-07	5.03E-05	0.008734

3962	482363.09	3853877.25	0.11327	0.0661	0.05407	0.03722	1.03E-02	0.00028	1E-06	8.6E-05	0.01063	1.30E-02	0.000353	8.59E-07	5.03E-05	1.34E-02	0.012771	0.000304	7.02E-07	5.34E-05	0.013129
3963	482863.09	3853877.25	0.57111	0.07875	0.06082	0.03577	5.18E-02	0.00033	1.1E-06	8.3E-05	0.05217	6.53E-02	0.00042	9.67E-07	4.84E-05	6.58E-02	0.064392	0.000362	7.89E-07	5.14E-05	0.064806
3964	483363.09	3853877.25	0.33443	0.10805	0.078	0.03815	3.03E-02	0.00046	1.5E-06	8.8E-05	0.03085	3.83E-02	0.000577	1.24E-06	5.16E-05	3.89E-02	0.037707	0.000496	1.01E-06	5.48E-05	0.038259
3965	483863.09	3853877.25	0.2207	0.10784	0.0915	0.04385	2.00E-02	0.00046	1.7E-06	0.0001	0.02056	2.52E-02	0.000576	1.45E-06	5.93E-05	2.59E-02	0.024884	0.000495	1.19E-06	6.3E-05	0.025443
3966	484363.09	3853877.25	0.15031	0.08816	0.07943	0.02748	1.36E-02	0.00037	1.5E-06	6.4E-05	0.01406	1.72E-02	0.000471	1.26E-06	3.72E-05	1.77E-02	0.016947	0.000405	1.03E-06	3.95E-05	0.017393
3967	484863.09	3853877.25	0.09515	0.05588	0.0507	0.0181	8.62E-03	0.00024	9.5E-07	4.2E-05	0.0089	1.09E-02	0.000298	8.06E-07	2.45E-05	1.12E-02	0.010728	0.000257	6.58E-07	2.6E-05	0.011011
3968	485363.09	3853877.25	0.05685	0.04142	0.02601	0.01216	5.15E-03	0.00018	4.9E-07	2.8E-05	0.00536	6.50E-03	0.000221	4.13E-07	1.64E-05	6.74E-03	0.00641	0.00019	3.38E-07	1.75E-05	0.006618
3969	485863.09	3853877.25	0.06503	0.06053	0.03133	0.01216	5.89E-03	0.00026	5.9E-07	2.8E-05	0.00618	7.44E-03	0.000323	4.98E-07	1.64E-05	7.78E-03	0.007332	0.000278	4.07E-07	1.75E-05	0.007628
3970	486363.09	3853877.25	0.06581	0.07894	0.03414	0.01242	5.96E-03	0.00033	6.4E-07	2.9E-05	0.00633	7.53E-03	0.000422	5.43E-07	1.68E-05	7.97E-03	0.00742	0.000363	4.43E-07	1.78E-05	0.007801
3971	486863.09	3853877.25	0.06439	0.0855	0.0374	0.0132	5.84E-03	0.00036	7E-07	3.1E-05	0.00623	7.36E-03	0.000457	5.94E-07	1.78E-05	7.84E-03	0.00726	0.000393	4.85E-07	1.9E-05	0.007672
3972	487363.09	3853877.25	0.06919	0.09382	0.04569	0.01615	6.27E-03	0.0004	8.6E-07	3.7E-05	0.00671	7.91E-03	0.000501	7.26E-07	2.18E-05	8.44E-03	0.007801	0.000431	5.93E-07	2.32E-05	0.008256
3973	487863.09	3853877.25	0.07909	0.10419	0.05848	0.02086	7.17E-03	0.00044	1.1E-06	4.8E-05	0.00766	9.05E-03	0.000556	9.29E-07	2.82E-05	9.63E-03	0.008917	0.000478	7.59E-07	3E-05	0.009427
3974	488363.09	3853877.25	0.08187	0.10532	0.0658	0.025	7.42E-03	0.00045	1.2E-06	5.8E-05	0.00792	9.36E-03	0.000562	1.05E-06	3.38E-05	9.96E-03	0.009231	0.000484	8.54E-07	3.59E-05	0.009751
3975	488863.09	3853877.25	0.08638	0.10588	0.07454	0.02984	7.83E-03	0.00045	1.4E-06	6.9E-05	0.00835	9.88E-03	0.000565	1.18E-06	4.03E-05	1.05E-02	0.009739	0.000486	9.68E-07	4.29E-05	0.010269
3976	489363.09	3853877.25	0.08045	0.09408	0.0726	0.0315	7.29E-03	0.0004	1.4E-06	7.3E-05	0.00776	9.20E-03	0.000502	1.15E-06	4.26E-05	9.75E-03	0.009071	0.000432	9.42E-07	4.52E-05	0.009549
3977	489863.09	3853877.25	0.08049	0.09109	0.07557	0.0347	7.29E-03	0.00039	1.4E-06	8E-05	0.00776	9.21E-03	0.000486	1.2E-06	4.69E-05	9.74E-03	0.009075	0.000418	9.81E-07	4.98E-05	0.009544
3978	490363.09	3853877.25	0.07768	0.08429	0.0752	0.03652	7.04E-03	0.00036	1.4E-06	8.5E-05	0.00748	8.88E-03	0.00045	1.2E-06	4.94E-05	9.39E-03	0.008758	0.000387	9.76E-07	5.24E-05	0.009199
3979	490863.09	3853877.25	0.0766	0.07951	0.07623	0.03871	6.94E-03	0.00034	1.4E-06	9E-05	0.00737	8.76E-03	0.000425	1.21E-06	5.23E-05	9.24E-03	0.008637	0.000365	9.89E-07	5.56E-05	0.009058
3980	491363.09	3853877.25	0.07577	0.0759	0.07724	0.04068	6.87E-03	0.00032	1.4E-06	9.4E-05	0.00728	8.67E-03	0.000405	1.23E-06	5.5E-05	9.13E-03	0.008543	0.000349	1E-06	5.84E-05	0.008951
3981	491863.09	3853877.25	0.07455	0.07323	0.07744	0.04217	6.76E-03	0.00031	1.4E-06	9.8E-05	0.00716	8.53E-03	0.000391	1.23E-06	5.7E-05	8.98E-03	0.008405	0.000336	1.01E-06	6.06E-05	0.008803
3982	492363.09	3853877.25	0.07537	0.0745	0.07943	0.04495	6.83E-03	0.00032	1.5E-06	0.0001	0.00725	8.62E-03	0.000398	1.26E-06	6.08E-05	9.08E-03	0.008498	0.000342	1.03E-06	6.46E-05	0.008906
3983	492863.09	3853877.25	0.07433	0.07374	0.07899	0.04654	6.74E-03	0.00031	1.5E-06	0.00011	0.00716	8.50E-03	0.000394	1.26E-06	6.29E-05	8.96E-03	0.008381	0.000339	1.03E-06	6.68E-05	0.008787
3984	493363.09	3853877.25	0.07106	0.0695	0.07604	0.0463	6.44E-03	0.00029	1.4E-06	0.00011	0.00684	8.13E-03	0.000371	1.21E-06	6.26E-05	8.56E-03	0.008012	0.000319	9.87E-07	6.65E-05	0.008399
3985	493863.09	3853877.25	0.067	0.06515	0.07201	0.04519	6.07E-03	0.00028	1.3E-06	0.0001	0.00645	7.66E-03	0.000348	1.14E-06	6.11E-05	8.07E-03	0.007554	0.000299	9.35E-07	6.49E-05	0.007919
3986	494363.09	3853877.25	0.06362	0.06238	0.06856	0.04426	5.77E-03	0.00026	1.3E-06	0.0001	0.00613	7.28E-03	0.000333	1.09E-06	5.98E-05	7.67E-03	0.007173	0.000286	8.9E-07	6.36E-05	0.007524
3987	494863.09	3853877.25	0.0591	0.05836	0.06375	0.04212	5.36E-03	0.00025	1.2E-06	9.8E-05	0.0057	6.76E-03	0.000312	1.01E-06	5.7E-05	7.13E-03	0.006664	0.000268	8.28E-07	6.05E-05	0.006993
3988	495363.09	3853877.25	0.05098	0.05049	0.0549	0.03722	4.62E-03	0.00021	1E-06	8.6E-05	0.00492	5.83E-03	0.00027	8.73E-07	5.03E-05	6.15E-03	0.005748	0.000232	7.13E-07	5.34E-05	0.006034
3989	495863.09	3853877.25	0.04465	0.04428	0.04795	0.0336	4.05E-03	0.00019	9E-07	7.8E-05	0.00431	5.11E-03	0.000236	7.62E-07	4.54E-05	5.39E-03	0.005034	0.000203	6.22E-07	4.83E-05	0.005286
3990	496363.09	3853877.25	0.04052	0.04019	0.04346	0.03129	3.67E-03	0.00017	8.1E-07	7.2E-05	0.00392	4.63E-03	0.000215	6.91E-07	4.23E-05	4.89E-03	0.004569	0.000185	5.64E-07	4.49E-05	0.004799
3991	496863.09	3853877.25	0.03403	0.03378	0.03654	0.02743	3.08E-03	0.00014	6.8E-07	6.4E-05	0.00329	3.89E-03	0.00018	5.81E-07	3.71E-05	4.11E-03	0.003837	0.000155	4.74E-07	3.94E-05	0.004032
3992	497363.09	3853877.25	0.02895	0.02887	0.031	0.0243	2.62E-03	0.00012	5.8E-07	5.6E-05	0.0028	3.31E-03	0.000154	4.93E-07	3.29E-05	3.50E-03	0.003264	0.000133	4.02E-07	3.49E-05	0.003432
3993	497863.09	3853877.25	0.02278	0.02278	0.02428	0.02023	2.06E-03	9.6E-05	4.5E-07	4.7E-05	0.00221	2.61E-03	0.000122	3.86E-07	2.74E-05	2.75E-03	0.002568	0.000105	3.15E-07	2.91E-05	0.002702
3994	498363.09	3853877.25	0.01934	0.01943	0.02055	0.01773	1.75E-03	8.2E-05	3.8E-07	4.1E-05	0.00188	2.21E-03	0.000104	3.27E-07	2.4E-05	2.34E-03	0.002181	8.92E-05	2.67E-07	2.55E-05	0.002296
3995	471363.09	3854377.25	0.0074	0.00803	0.00739	0.0052	6.71E-04	3.4E-05	1.4E-07	1.2E-05	0.00072	8.46E-04	4.29E-05	1.17E-07	7.03E-06	8.96E-04	0.000834	3.69E-05	9.59E-08	7.47E-06	0.000879
3996	471863.09	3854377.25	0.00811	0.00889	0.0081	0.0057	7.35E-04	3.8E-05	1.5E-07	1.3E-05	0.00079	9.28E-04	4.75E-05	1.29E-07	7.71E-06	9.83E-04	0.000914	4.08E-05	1.05E-07	8.19E-06	0.000964
3997	472363.09	3854377.25	0.00868	0.00956	0.00871	0.00605	7.87E-04	4E-05	1.6E-07	1.4E-05	0.00084	9.93E-04	5.1E-05	1.38E-07	8.18E-06	1.05E-03	0.000979	4.39E-05	1.13E-07	8.69E-06	0.001031
3998	472863.09	3854377.25	0.00916	0.01009	0.00926	0.0063	8.30E-04	4.3E-05	1.7E-07	1.5E-05	0.00089	1.05E-03	5.39E-05	1.47E-07	8.52E-06	1.11E-03	0.001033	4.63E-05	1.2E-07	9.05E-06	0.001088
3999	473363.09	3854377.25	0.00983	0.01071	0.01	0.00668	8.91E-04	4.5E-05	1.9E-07	1.5E-05	0.00095	1.12E-03	5.72E-05	1.59E-07	9.03E-06	1.19E-03	0.001108	4.92E-05	1.3E-07	9.59E-06	0.001167
4000	473863.09	3854377.25	0.01065	0.01139	0.01089	0.00716	9.65E-04	4.8E-05	2E-07	1.7E-05	0.00103	1.22E-03	6.08E-05	1.73E-07	9.68E-06	1.29E-03	0.001201	5.23E-05	1.41E-07	1.03E-05	0.001264
4001	474363.09	3854377.25	0.0115	0.01199	0.0118	0.00761	1.04E-03	5.1E-05	2.2E-07	1.8E-05	0.00111	1.32E-03	6.4E-05	1.88E-07	1.03E-05	1.39E-03	0.001297	5.51E-05	1.53E-07	1.09E-05	0.001363
4002	474863.09	3854377.25	0.01144	0.01161	0.01182	0.0073	1.04E-03	4.9E-05	2.2E-07	1.7E-05	0.0011	1.31E-03	6.2E-05	1.88E-07	9.87E-06	1.38E-03	0.00129	5.33E-05	1.53E-07	1.05E-05	0.001354
4003	475363.09	3854377.25	0.01031	0.01021	0.01079	0.00646	9.34E-04	4.3E-05	2E-07	1.5E-05	0.00099	1.18E-03	5.45E-05	1.71E-07	8.73E-06	1.24E-03	0.001162	4.69E-05	1.4E-07	9.28E-06	0.001219
4004	475863.09	3854377.25	0.00721	0.00713	0.00753	0.00508	6.53E-04	3E-05	1.4E-07	1.2E-05	0.0007	8.25E-04	3.81E-05	1.2E-07	6.87E-06	8.70E-04	0.000813	3.27E-05	9.77E-08	7.3E-06	0.000853
4005	476363.09	3854377.25	0.00649	0.00648	0.00673	0.00488	5.88E-04	2.7E-05	1.3E-07	1.1E-05	0.00063	7.42E-04	3.46E-05	1.07E-07	6.6E-06	7.84E-04	0.000732	2.98E-05	8.74E-08	7.01E-06	0.000769
4006	476863.09	3854377.25	0.00631	0.00638	0.0065	0.0049	5.72E-04	2.7E-05	1.2E-07	1.1E-05	0.00061	7.22E-04	3.41E-05	1.03E-07	6.63E-06	7.63E-04	0.000711	2.93E-05	8.44E-08	7.04E-06	0.000748
4007	477363.09	3854377.25	0.00632	0.00649	0.00648	0.00498	5.73E-04	2.7E-05	1.2E-07	1.2E-05	0.00061	7.23E-04	3.47E-05	1.03E-07	6.73E-06	7.64E-04	0.000713	2.98E-05	8.41E-08	7.15E-06	0.00075
4008	477863.09	3854377.25	0.00653	0.0068	0.00669	0.00518	5.92E-04	2.9E-05	1.3E-07	1.2E-05	0.00063	7.47E-04	3.63E-05	1.06E-07	7E-06	7.90E-04	0.000736	3.12E-05	8.68E-08	7.44E-06	0.000775
4009	478363.09	3854377.25	0.00782	0.00816	0.00806	0.00592	7.09E-04	3.5E-05	1.5E-07	1.4E-05	0.00076	8.94E-04	4.36E-05	1.28E-07	8E-06	9.46E-04	0.000882	3.75E-05	1.05E-07	8.5E-06	0.000928
4010	478863.09	3854377.25	0.00871	0.00908	0.00898	0.00637	7.89E-04	3.8E-05	1.7E-07	1.5E-05	0.00084	9.96E-04	4.85E-05	1.43E-07	8.61E-06	1.05E-03	0.000982	4.17E-05	1.17E-07	9.15E-06	0.001033
4011	479363.09	3854377.25	0.01419	0.01415	0.01464	0.0086	1.29E-03	6E-05	2.7E-07	2E-05	0.00137	1.62E-03	7.56E-05	2.33E-07	1.16E-05	1.71E-03	0.0016	6.5E-05	1.9E-07	1.24E-05	0.001677
4012	479863.09	3854377.25	0.01938	0.01891	0.01974	0.01038	1.76E-03	8E-05	3.7E-07	2.4E-05	0.00186	2.22E-03	0.000101	3.14E-07	1.4E-05	2.33E-03	0.002185	8.68E-05	2.56E-07	1.49E-05	0.002287
4013	480363.09	3854377.25	0.02886	0.02894	0.02835	0.01347	2.62E-03	0.00012	5.3E-07	3.1E-05	0.00277	3.30E-03	0.000155	4.51E-07	1.82E-05	3.47E-03	0.003254	0.000133	3.68E-07	1.93E-05	0.003407
4014	480863.09	3854377.25	0.04597	0.04964	0.04204	0.01981	4.17E-03	0.00021	7.9E-07	4.6E-05	0.00442	5.26E-03	0.000265	6.68E-07	2.68E-05	5.55E-03	0.005183	0.000228	5.46E-07	2.84E-05	0.00544
4015	481363.09	3854377.25	0.0664	0.07153	0.05367	0.02896	6.02E-03	0.0003	1E-06	6.7E-05	0.00639	7.59E-03	0.000382	8.53E-07	3.92E-05	8.02E-03	0.007487	0.000328	6.97E-07	4.16E-05	0.007857
4016	481863.09	3854377.25	0.08879	0.08248	0.06063	0.04405	8.05E-03	0.00035	1.1E-06	0.0001	0.0085	1.02E-02	0.00044	9.64E-07	5.96E-05	1.07E-02	0.010011	0.000379	7.87E-07	6.33E-05	0.010454
4017	482363.09	3854377.25	0.12415	0.09813	0.06822	0.04768	1.13E-02	0.00042	1.3E-06	0.00011	0.01178	1.42E-02	0.000524	1.08E-06	6.45E-05	1.48E-02	0.013998	0.000451	8.86E-07	6.85E-05	0.014518
4018	482863.09	3854377.25	0.25853	0.12341	0.07898	0.0472	2.34E-02	0.00052	1.5E-06	0.00011	0.02406	2.96E-02	0.000659	1.26E-06	6.38E-05	3.03E-02	0.029149	0.000567	1.03E-06	6.78E-05	0.029785
4019	483363.09	3854377.25	0.77627	0.18788	0.10345	0.04797	7.03E-02	0.00079	1.9E-06	0.00011	0.07126	8.88E-02	0.001003	1.64E-06	6.49E-05	8.99E-02	0.087524	0.000863	1.34E-06	6.89E-05	0.088457
4020	483863.09	3854377.25	0.37549	0.24924	0.13288	0.03862	3.40E-02	0.00105	2.5E-06	8.9E-05	0.03517	4.29E-02	0.001331	2.11E-06	5.22E-05	4.43E-02	0.042336	0.001145	1.72E-06	5.55E-05	0.043538
4021	484363.09	3854377.25	0.23489	0.14583	0.11167	0.03379	2.13E-02	0.00062	2.1E-06	7.8E-05	0.02198	2.69E-02	0.000779	1.77E-06	4.57E-05	2.77E-02	0.026484	0.00067	1.45E-06	4.85E-05	0.027203
4022	484863.09	3854377.25	0.14679	0.11991	0.0563	0.02244	1.33E-02	0.00051	1.1E-06	5.2E-05	0.01386	1.68E-02	0.00064	8.95E-07	3.03E-05	1.75E-02	0.016551	0.000551	7.31E-07	3.22E-05	0.017134

4023	485363.09	3854377.25	0.19047	0.23474	0.08196	0.02292	1.73E-02	0.00099	1.5E-06	5.3E-05	0.01831	2.18E-02	0.001253	1.3E-06	3.1E-05	2.31E-02	0.021475	0.001078	1.06E-06	3.29E-05	0.022587
4024	485863.09	3854377.25	0.15049	0.22974	0.07785	0.02051	1.36E-02	0.00097	1.5E-06	4.8E-05	0.01466	1.72E-02	0.001227	1.24E-06	2.77E-05	1.85E-02	0.016968	0.001055	1.01E-06	2.95E-05	0.018053
4025	486363.09	3854377.25	0.15728	0.24698	0.09945	0.02555	1.43E-02	0.00104	1.9E-06	5.9E-05	0.01536	1.80E-02	0.001319	1.58E-06	3.45E-05	1.93E-02	0.017733	0.001134	1.29E-06	3.67E-05	0.018905
4026	486863.09	3854377.25	0.14181	0.21659	0.10258	0.03083	1.29E-02	0.00092	1.9E-06	7.1E-05	0.01384	1.62E-02	0.001156	1.63E-06	4.17E-05	1.74E-02	0.015989	0.000995	1.33E-06	4.43E-05	0.017029
4027	487363.09	3854377.25	0.14232	0.2027	0.11459	0.03809	1.29E-02	0.00086	2.1E-06	8.8E-05	0.01385	1.63E-02	0.001082	1.82E-06	5.15E-05	1.74E-02	0.016047	0.000931	1.49E-06	5.47E-05	0.017034
4028	487863.09	3854377.25	0.14704	0.19396	0.12891	0.04625	1.33E-02	0.00082	2.4E-06	0.00011	0.01426	1.68E-02	0.001036	2.05E-06	6.25E-05	1.79E-02	0.016579	0.000891	1.67E-06	6.64E-05	0.017538
4029	488363.09	3854377.25	0.14476	0.17739	0.13491	0.05272	1.31E-02	0.00075	2.5E-06	0.00012	0.01399	1.66E-02	0.000947	2.14E-06	7.13E-05	1.76E-02	0.016322	0.000815	1.75E-06	7.57E-05	0.017214
4030	488863.09	3854377.25	0.14066	0.1607	0.13725	0.05811	1.27E-02	0.00068	2.6E-06	0.00013	0.01356	1.61E-02	0.000858	2.18E-06	7.86E-05	1.70E-02	0.015859	0.000738	1.78E-06	8.34E-05	0.016683
4031	489363.09	3854377.25	0.13456	0.14627	0.13569	0.06162	1.22E-02	0.00062	2.5E-06	0.00014	0.01296	1.54E-02	0.000781	2.16E-06	8.33E-05	1.63E-02	0.015172	0.000672	1.76E-06	8.85E-05	0.015934
4032	489863.09	3854377.25	0.12726	0.13179	0.13148	0.06347	1.15E-02	0.00056	2.5E-06	0.00015	0.01224	1.46E-02	0.000704	2.09E-06	8.58E-05	1.53E-02	0.014349	0.000605	1.71E-06	9.11E-05	0.015047
4033	490363.09	3854377.25	0.11919	0.11706	0.12556	0.06375	1.08E-02	0.0005	2.4E-06	0.00015	0.01145	1.36E-02	0.000625	2E-06	8.62E-05	1.43E-02	0.013439	0.000538	1.63E-06	9.15E-05	0.014069
4034	490863.09	3854377.25	0.09768	0.09272	0.10412	0.05525	8.85E-03	0.00039	1.9E-06	0.00013	0.00937	1.12E-02	0.000495	1.65E-06	7.47E-05	1.17E-02	0.011013	0.000426	1.35E-06	7.93E-05	0.01152
4035	491363.09	3854377.25	0.10248	0.09627	0.11088	0.06094	9.29E-03	0.00041	2.1E-06	0.00014	0.00984	1.17E-02	0.000514	1.76E-06	8.24E-05	1.23E-02	0.011555	0.000442	1.44E-06	8.75E-05	0.012086
4036	491863.09	3854377.25	0.10373	0.09887	0.11327	0.06553	9.40E-03	0.00042	2.1E-06	0.00015	0.00997	1.19E-02	0.000528	1.8E-06	8.86E-05	1.25E-02	0.011696	0.000454	1.47E-06	9.41E-05	0.012245
4037	492363.09	3854377.25	0.10092	0.09604	0.11082	0.06722	9.15E-03	0.00041	2.1E-06	0.00016	0.00971	1.15E-02	0.000513	1.76E-06	9.09E-05	1.21E-02	0.011379	0.000441	1.44E-06	9.65E-05	0.011918
4038	492863.09	3854377.25	0.09549	0.09073	0.10522	0.0661	8.65E-03	0.00038	2E-06	0.00015	0.00919	1.09E-02	0.000484	1.67E-06	8.94E-05	1.15E-02	0.010766	0.000417	1.37E-06	9.49E-05	0.011279
4039	493363.09	3854377.25	0.08889	0.08558	0.09803	0.06322	8.06E-03	0.00036	1.8E-06	0.00015	0.00857	1.02E-02	0.000457	1.56E-06	8.55E-05	1.07E-02	0.010022	0.000393	1.27E-06	9.08E-05	0.010507
4040	493863.09	3854377.25	0.08238	0.08035	0.09085	0.05986	7.47E-03	0.00034	1.7E-06	0.00014	0.00795	9.42E-03	0.000429	1.44E-06	8.09E-05	9.93E-03	0.009288	0.000369	1.18E-06	8.6E-05	0.009744
4041	494363.09	3854377.25	0.07642	0.07504	0.08415	0.05656	6.93E-03	0.00032	1.6E-06	0.00013	0.00738	8.74E-03	0.000401	1.34E-06	7.65E-05	9.22E-03	0.008616	0.000345	1.09E-06	8.12E-05	0.009043
4042	494863.09	3854377.25	0.06266	0.06143	0.0687	0.04689	5.68E-03	0.00026	1.3E-06	0.00011	0.00605	7.17E-03	0.000328	1.09E-06	6.34E-05	7.56E-03	0.007065	0.000282	8.92E-07	6.73E-05	0.007415
4043	495363.09	3854377.25	0.04939	0.04851	0.05385	0.03852	4.48E-03	0.00021	1E-06	8.9E-05	0.00477	5.65E-03	0.000259	8.56E-07	5.21E-05	5.96E-03	0.005569	0.000223	6.99E-07	5.53E-05	0.005847
4044	495863.09	3854377.25	0.04104	0.04059	0.04471	0.03344	3.72E-03	0.00017	8.4E-07	7.7E-05	0.00397	4.69E-03	0.000217	7.11E-07	4.52E-05	4.96E-03	0.004627	0.000186	5.8E-07	4.8E-05	0.004862
4045	496363.09	3854377.25	0.03694	0.03684	0.04011	0.03088	3.35E-03	0.00016	7.5E-07	7.2E-05	0.00358	4.23E-03	0.000197	6.37E-07	4.18E-05	4.46E-03	0.004165	0.000169	5.21E-07	4.43E-05	0.004379
4046	496863.09	3854377.25	0.03201	0.03211	0.03462	0.02764	2.90E-03	0.00014	6.5E-07	6.4E-05	0.0031	3.66E-03	0.000171	5.5E-07	3.74E-05	3.87E-03	0.003609	0.000147	4.49E-07	3.97E-05	0.003797
4047	497363.09	3854377.25	0.02518	0.02544	0.02706	0.02292	2.28E-03	0.00011	5.1E-07	5.3E-05	0.00244	2.88E-03	0.000136	4.3E-07	3.1E-05	3.05E-03	0.002839	0.000117	3.51E-07	3.29E-05	0.002989
4048	497863.09	3854377.25	0.02556	0.02601	0.02741	0.02313	2.32E-03	0.00011	5.1E-07	5.4E-05	0.00248	2.92E-03	0.000139	4.36E-07	3.13E-05	3.09E-03	0.002882	0.000119	3.56E-07	3.32E-05	0.003035
4049	498363.09	3854377.25	0.02193	0.02247	0.0234	0.02041	1.99E-03	9.5E-05	4.4E-07	4.7E-05	0.00213	2.51E-03	0.00012	3.72E-07	2.76E-05	2.66E-03	0.002473	0.000103	3.04E-07	2.93E-05	0.002605
4050	471363.09	3854877.25	0.00758	0.00795	0.00777	0.00526	6.87E-04	3.4E-05	1.5E-07	1.2E-05	0.00073	8.67E-04	4.24E-05	1.23E-07	7.11E-06	9.17E-04	0.000855	3.65E-05	1.01E-07	7.55E-06	0.000899
4051	471863.09	3854877.25	0.00817	0.00855	0.00835	0.00566	7.40E-04	3.6E-05	1.6E-07	1.3E-05	0.00079	9.34E-04	4.57E-05	1.33E-07	7.65E-06	9.88E-04	0.000921	3.93E-05	1.08E-07	8.13E-06	0.000969
4052	472363.09	3854877.25	0.00871	0.00914	0.00888	0.00602	7.89E-04	3.9E-05	1.7E-07	1.4E-05	0.00084	9.96E-04	4.88E-05	1.41E-07	8.14E-06	1.05E-03	0.000982	4.2E-05	1.15E-07	8.65E-06	0.001033
4053	472863.09	3854877.25	0.00905	0.00957	0.00922	0.00617	8.20E-04	4E-05	1.7E-07	1.4E-05	0.00088	1.04E-03	5.11E-05	1.47E-07	8.34E-06	1.09E-03	0.00102	4.39E-05	1.2E-07	8.86E-06	0.001073
4054	473363.09	3854877.25	0.00989	0.01058	0.01005	0.00674	8.96E-04	4.5E-05	1.9E-07	1.6E-05	0.00096	1.13E-03	5.65E-05	1.6E-07	9.11E-06	1.20E-03	0.001115	4.86E-05	1.3E-07	9.68E-06	0.001173
4055	473863.09	3854877.25	0.01073	0.01164	0.01089	0.00727	9.72E-04	4.9E-05	2E-07	1.7E-05	0.00104	1.23E-03	6.22E-05	1.73E-07	9.83E-06	1.30E-03	0.00121	5.35E-05	1.41E-07	1.04E-05	0.001274
4056	474363.09	3854877.25	0.01181	0.01298	0.01198	0.00799	1.07E-03	5.5E-05	2.2E-07	1.9E-05	0.00114	1.35E-03	6.93E-05	1.9E-07	1.08E-05	1.43E-03	0.001332	5.96E-05	1.56E-07	1.15E-05	0.001403
4057	474863.09	3854877.25	0.01056	0.01174	0.01096	0.00678	9.57E-04	5E-05	2.1E-07	1.6E-05	0.00102	1.21E-03	6.27E-05	1.74E-07	9.17E-06	1.28E-03	0.001191	5.39E-05	1.42E-07	9.74E-06	0.001254
4058	475363.09	3854877.25	0.00853	0.00929	0.00897	0.00563	7.73E-04	3.9E-05	1.7E-07	1.3E-05	0.00083	9.76E-04	4.96E-05	1.43E-07	7.61E-06	1.03E-03	0.000962	4.27E-05	1.16E-07	8.08E-06	0.001013
4059	475863.09	3854877.25	0.00643	0.00684	0.00675	0.00472	5.83E-04	2.9E-05	1.3E-07	1.1E-05	0.00062	7.35E-04	3.65E-05	1.07E-07	6.38E-06	7.78E-04	0.000725	3.14E-05	8.76E-08	6.78E-06	0.000763
4060	476363.09	3854877.25	0.00412	0.00431	0.00424	0.00367	3.73E-04	1.8E-05	7.9E-08	8.5E-06	0.0004	4.71E-04	2.3E-05	6.74E-08	4.96E-06	4.99E-04	0.000465	1.98E-05	5.5E-08	5.27E-06	0.00049
4061	476863.09	3854877.25	0.00411	0.00431	0.00423	0.00372	3.72E-04	1.8E-05	7.9E-08	8.6E-06	0.0004	4.70E-04	2.3E-05	6.72E-08	5.03E-06	4.98E-04	0.000463	1.98E-05	5.49E-08	5.34E-06	0.000489
4062	477363.09	3854877.25	0.00508	0.00529	0.00526	0.00435	4.60E-04	2.2E-05	9.8E-08	1E-05	0.00049	5.81E-04	2.82E-05	8.36E-08	5.88E-06	6.15E-04	0.000573	2.43E-05	6.83E-08	6.25E-06	0.000603
4063	477863.09	3854877.25	0.00608	0.00625	0.00629	0.00495	5.51E-04	2.6E-05	1.2E-07	1.1E-05	0.00059	6.95E-04	3.34E-05	1E-07	6.69E-06	7.36E-04	0.000686	2.87E-05	8.16E-08	7.11E-06	0.000721
4064	478363.09	3854877.25	0.00845	0.00865	0.00876	0.00618	7.66E-04	3.7E-05	1.6E-07	1.4E-05	0.00082	9.66E-04	4.62E-05	1.39E-07	8.36E-06	1.02E-03	0.000953	3.97E-05	1.14E-07	8.87E-06	0.001001
4065	478863.09	3854877.25	0.01257	0.01297	0.01285	0.00805	1.14E-03	5.5E-05	2.4E-07	1.9E-05	0.00121	1.44E-03	6.93E-05	2.04E-07	1.09E-05	1.52E-03	0.001417	5.96E-05	1.67E-07	1.16E-05	0.001489
4066	479363.09	3854877.25	0.01895	0.01982	0.01942	0.01066	1.72E-03	8.4E-05	3.6E-07	2.5E-05	0.00183	2.17E-03	0.000106	3.09E-07	1.44E-05	2.29E-03	0.002137	9.1E-05	2.52E-07	1.53E-05	0.002243
4067	479863.09	3854877.25	0.0278	0.02934	0.02862	0.01413	2.52E-03	0.00012	5.4E-07	3.3E-05	0.00268	3.18E-03	0.000157	4.55E-07	1.91E-05	3.36E-03	0.003134	0.000135	3.71E-07	2.03E-05	0.00329
4068	480363.09	3854877.25	0.03723	0.03882	0.03768	0.0179	3.37E-03	0.00016	7.1E-07	4.1E-05	0.00358	4.26E-03	0.000207	5.99E-07	2.42E-05	4.49E-03	0.004198	0.000178	4.89E-07	2.57E-05	0.004402
4069	480863.09	3854877.25	0.05362	0.05454	0.0509	0.02554	4.86E-03	0.00023	9.5E-07	5.9E-05	0.00515	6.13E-03	0.000291	8.09E-07	3.45E-05	6.46E-03	0.006046	0.00025	6.61E-07	3.67E-05	0.006333
4070	481363.09	3854877.25	0.06967	0.07026	0.06201	0.03231	6.31E-03	0.0003	1.2E-06	7.5E-05	0.00669	7.97E-03	0.000375	9.86E-07	4.37E-05	8.39E-03	0.007855	0.000323	8.05E-07	4.64E-05	0.008225
4071	481863.09	3854877.25	0.08212	0.08704	0.07138	0.03188	7.44E-03	0.00037	1.3E-06	7.4E-05	0.00789	9.39E-03	0.000465	1.13E-06	4.31E-05	9.90E-03	0.009259	0.0004	9.27E-07	4.58E-05	0.009705
4072	482363.09	3854877.25	0.12004	0.11657	0.08771	0.06562	1.09E-02	0.00049	1.6E-06	0.00015	0.01153	1.37E-02	0.000622	1.39E-06	8.87E-05	1.44E-02	0.013534	0.000535	1.14E-06	9.42E-05	0.014165
4073	482863.09	3854877.25	0.17582	0.17673	0.11201	0.07557	1.59E-02	0.00075	2.1E-06	0.00018	0.01686	2.01E-02	0.000944	1.78E-06	0.000102	2.12E-02	0.019824	0.000812	1.45E-06	0.000109	0.020745
4074	483363.09	3854877.25	0.2781	0.30567	0.13846	0.07627	2.52E-02	0.00129	2.6E-06	0.00018	0.02667	3.18E-02	0.001632	2.2E-06	0.000103	3.35E-02	0.031356	0.001404	1.8E-06	0.00011	0.032871
4075	483863.09	3854877.25	0.93607	1.67684	0.25205	0.07314	8.48E-02	0.00709	4.7E-06	0.00017	0.0921	1.07E-01	0.008954	4.01E-06	9.89E-05	1.16E-01	0.105542	0.007701	3.27E-06	0.000105	0.113351
4076	484363.09	3854877.25	3.80063	7.23019	0.64785	0.06706	3.44E-01	0.03059	1.2E-05	0.00016	0.37518	4.35E-01	0.038606	1.03E-05	9.07E-05	4.73E-01	0.42852	0.033204	8.41E-06	9.63E-05	0.461828
4077	484863.09	3854877.25	1.56793	3.03549	0.89229	0.07147	1.42E-01	0.01284	1.7E-05	0.00017	0.15511	1.79E-01	0.016208	1.42E-05	9.66E-05	1.96E-01	0.176784	0.01394	1.16E-05	0.000103	0.190838
4078	485363.09	3854877.25	0.76292	1.54031	0.59125	0.06628	6.91E-02	0.00652	1.1E-05	0.00015	0.07582	8.73E-02	0.008225	9.4E-06	8.96E-05	9.56E-02	0.086019	0.007074	7.67E-06	9.52E-05	0.093196
4079	485863.09	3854877.25	0.49328	0.86713	0.4268	0.08295	4.47E-02	0.00367	8E-06	0.00019	0.04857	5.64E-02	0.00463	6.78E-06	0.000112	6.12E-02	0.055617	0.003982	5.54E-06	0.000119	0.059724
4080	486363.09	3854877.25	0.36101	0.55234	0.33391	0.09135	3.27E-02	0.00234	6.3E-06	0.00021	0.03527	4.13E-02	0.002949	5.31E-06	0.000124	4.44E-02	0.040704	0.002537	4.33E-06	0.000131	0.043376
4081	486863.09	3854877.25	0.29062	0.39646	0.28192	0.09466	2.63E-02	0.00168	5.3E-06	0.00022	0.02824	3.32E-02	0.002117	4.48E-06	0.000128	3.55E-02	0.032767	0.001821	3.66E-06	0.000136	0.034728
4082	487363.09	3854877.25	0.26642	0.323	0.27069	0.10115	2.41E-02	0.00137	5.1E-06	0.00023	0.02575	3.05E-02	0.001725	4.3E-06	0.000137	3.23E-02	0.030039	0.001483	3.51E-06	0.000145	0.031671
4083	487863.09	3854877.25	0.24618	0.27058	0.25901	0.10571	2.23E-02	0.00114	4.8E-06	0.00024	0.0237	2.82E-02	0.001445	4.12E-06	0.000143	2.97E-02	0.027757	0.001243	3.36E-06	0.000152	0.029154

4084	488363.09	3854877.25	0.22934	0.23051	0.24791	0.10959	2.08E-02	0.00098	4.6E-06	0.00025	0.02202	2.62E-02	0.001231	3.94E-06	0.000148	2.76E-02	0.025858	0.001059	3.22E-06	0.000157	0.027077
4085	488863.09	3854877.25	0.2156	0.20321	0.23792	0.11423	1.95E-02	0.00086	4.5E-06	0.00026	0.02067	2.47E-02	0.001085	3.78E-06	0.000154	2.59E-02	0.024309	0.000933	3.09E-06	0.000164	0.025409
4086	489363.09	3854877.25	0.19854	0.17983	0.2219	0.11374	1.80E-02	0.00076	4.2E-06	0.00026	0.01902	2.27E-02	0.00096	3.53E-06	0.000154	2.38E-02	0.022385	0.000826	2.88E-06	0.000163	0.023377
4087	489863.09	3854877.25	0.17764	0.15356	0.20035	0.10599	1.61E-02	0.00065	3.8E-06	0.00025	0.017	2.03E-02	0.00082	3.18E-06	0.000143	2.13E-02	0.020029	0.000705	2.6E-06	0.000152	0.020889
4088	490363.09	3854877.25	0.13513	0.11544	0.15288	0.08234	1.22E-02	0.00049	2.9E-06	0.00019	0.01293	1.55E-02	0.000616	2.43E-06	0.000111	1.62E-02	0.015236	0.00053	1.98E-06	0.000118	0.015886
4089	490863.09	3854877.25	0.09459	0.08186	0.10685	0.06347	8.57E-03	0.00035	2E-06	0.00015	0.00907	1.08E-02	0.000437	1.7E-06	8.58E-05	1.13E-02	0.010665	0.000376	1.39E-06	9.11E-05	0.011133
4090	491363.09	3854877.25	0.09934	0.08709	0.11284	0.06711	9.00E-03	0.00037	2.1E-06	0.00016	0.00953	1.14E-02	0.000465	1.79E-06	9.07E-05	1.19E-02	0.011201	0.0004	1.46E-06	9.64E-05	0.011698
4091	491863.09	3854877.25	0.13192	0.11754	0.15082	0.09453	1.20E-02	0.0005	2.8E-06	0.00022	0.01267	1.51E-02	0.000628	2.4E-06	0.000128	1.58E-02	0.014874	0.00054	1.96E-06	0.000136	0.015551
4092	492363.09	3854877.25	0.12553	0.11456	0.14311	0.09506	1.14E-02	0.00048	2.7E-06	0.00022	0.01208	1.44E-02	0.000612	2.27E-06	0.000129	1.51E-02	0.014153	0.000526	1.86E-06	0.000137	0.014818
4093	492863.09	3854877.25	0.1158	0.10806	0.13164	0.08958	1.05E-02	0.00046	2.5E-06	0.00021	0.01116	1.32E-02	0.000577	2.09E-06	0.000121	1.39E-02	0.013056	0.000496	1.71E-06	0.000129	0.013683
4094	493363.09	3854877.25	0.10552	0.09974	0.11956	0.08214	9.56E-03	0.00042	2.2E-06	0.00019	0.01018	1.21E-02	0.000533	1.9E-06	0.000111	1.27E-02	0.011897	0.000458	1.55E-06	0.000118	0.012475
4095	493863.09	3854877.25	0.09685	0.09249	0.10935	0.07629	8.78E-03	0.00039	2E-06	0.00018	0.00935	1.11E-02	0.000494	1.74E-06	0.000103	1.17E-02	0.01092	0.000425	1.42E-06	0.00011	0.011456
4096	494363.09	3854877.25	0.07562	0.07261	0.08509	0.05903	6.85E-03	0.00031	1.6E-06	0.00014	0.0073	8.65E-03	0.000388	1.35E-06	7.98E-05	9.12E-03	0.008526	0.000333	1.1E-06	8.48E-05	0.008945
4097	494863.09	3854877.25	0.05489	0.05342	0.06119	0.04502	4.97E-03	0.00023	1.1E-06	0.0001	0.00531	6.28E-03	0.000285	9.73E-07	6.09E-05	6.63E-03	0.006189	0.000245	7.94E-07	6.47E-05	0.0065
4098	495363.09	3854877.25	0.04316	0.04257	0.04775	0.03727	3.91E-03	0.00018	8.9E-07	8.6E-05	0.00418	4.94E-03	0.000227	7.59E-07	5.04E-05	5.22E-03	0.004866	0.000195	6.2E-07	5.35E-05	0.005116
4099	495863.09	3854877.25	0.03679	0.03667	0.04044	0.03284	3.33E-03	0.00016	7.6E-07	7.6E-05	0.00357	4.21E-03	0.000196	6.43E-07	4.44E-05	4.45E-03	0.004148	0.000168	5.25E-07	4.72E-05	0.004364
4100	496363.09	3854877.25	0.02933	0.02957	0.03199	0.02744	2.66E-03	0.00013	6E-07	6.4E-05	0.00285	3.35E-03	0.000158	5.08E-07	3.71E-05	3.55E-03	0.003307	0.000136	4.15E-07	3.94E-05	0.003483
4101	496863.09	3854877.25	0.025	0.02541	0.0271	0.02395	2.27E-03	0.00011	5.1E-07	5.5E-05	0.00243	2.86E-03	0.000136	4.31E-07	3.24E-05	3.03E-03	0.002819	0.000117	3.52E-07	3.44E-05	0.00297
4102	497363.09	3854877.25	0.02342	0.02394	0.02527	0.0226	2.12E-03	0.0001	4.7E-07	5.2E-05	0.00228	2.68E-03	0.000128	4.02E-07	3.06E-05	2.84E-03	0.002641	0.00011	3.28E-07	3.25E-05	0.002783
4103	497863.09	3854877.25	0.02516	0.02577	0.02698	0.02386	2.28E-03	0.00011	5.1E-07	5.5E-05	0.00244	2.88E-03	0.000138	4.29E-07	3.23E-05	3.05E-03	0.002837	0.000118	3.5E-07	3.43E-05	0.00299
4104	498363.09	3854877.25	0.02406	0.02476	0.0258	0.02295	2.18E-03	0.0001	4.8E-07	5.3E-05	0.00234	2.75E-03	0.000132	4.1E-07	3.1E-05	2.92E-03	0.002713	0.000114	3.35E-07	3.3E-05	0.00286
4105	471363.09	3855377.25	0.00761	0.0072	0.00782	0.00548	6.90E-04	3E-05	1.5E-07	1.3E-05	0.00073	8.70E-04	3.84E-05	1.24E-07	7.41E-06	9.16E-04	0.000858	3.31E-05	1.02E-07	7.87E-06	0.000899
4106	471863.09	3855377.25	0.00801	0.0076	0.00823	0.0057	7.26E-04	3.2E-05	1.5E-07	1.3E-05	0.00077	9.16E-04	4.06E-05	1.31E-07	7.71E-06	9.65E-04	0.000903	3.49E-05	1.07E-07	8.19E-06	0.000946
4107	472363.09	3855377.25	0.00867	0.00822	0.00888	0.00615	7.86E-04	3.5E-05	1.7E-07	1.4E-05	0.00083	9.92E-04	4.39E-05	1.41E-07	8.32E-06	1.04E-03	0.000978	3.77E-05	1.15E-07	8.83E-06	0.001024
4108	472863.09	3855377.25	0.00912	0.00865	0.00934	0.00637	8.26E-04	3.7E-05	1.7E-07	1.5E-05	0.00088	1.04E-03	4.62E-05	1.48E-07	8.61E-06	1.10E-03	0.001028	3.97E-05	1.21E-07	9.15E-06	0.001077
4109	473363.09	3855377.25	0.01003	0.00947	0.01023	0.00702	9.09E-04	4E-05	1.9E-07	1.6E-05	0.00097	1.15E-03	5.06E-05	1.63E-07	9.49E-06	1.21E-03	0.001131	4.35E-05	1.33E-07	1.01E-05	0.001185
4110	473863.09	3855377.25	0.01088	0.01023	0.01106	0.00758	9.86E-04	4.3E-05	2.1E-07	1.8E-05	0.00105	1.24E-03	5.46E-05	1.76E-07	1.02E-05	1.31E-03	0.001227	4.7E-05	1.44E-07	1.09E-05	0.001285
4111	474363.09	3855377.25	0.01174	0.01103	0.01191	0.00811	1.06E-03	4.7E-05	2.2E-07	1.9E-05	0.00113	1.34E-03	5.89E-05	1.89E-07	1.1E-05	1.41E-03	0.001324	5.07E-05	1.55E-07	1.16E-05	0.001386
4112	474863.09	3855377.25	0.01067	0.01021	0.01097	0.00699	9.67E-04	4.3E-05	2.1E-07	1.6E-05	0.00103	1.22E-03	5.45E-05	1.74E-07	9.45E-06	1.28E-03	0.001203	4.69E-05	1.42E-07	1E-05	0.00126
4113	475363.09	3855377.25	0.00544	0.00559	0.00565	0.00415	4.93E-04	2.4E-05	1.1E-07	9.6E-06	0.00053	6.22E-04	2.98E-05	8.98E-08	5.61E-06	6.58E-04	0.000613	2.57E-05	7.33E-08	5.96E-06	0.000645
4114	475863.09	3855377.25	0.00407	0.00429	0.0042	0.00353	3.69E-04	1.8E-05	7.9E-08	8.2E-06	0.0004	4.66E-04	2.29E-05	6.68E-08	4.77E-06	4.93E-04	0.000459	1.97E-05	5.45E-08	5.07E-06	0.000484
4115	476363.09	3855377.25	0.00488	0.00512	0.00506	0.00403	4.42E-04	2.2E-05	9.5E-08	9.3E-06	0.00047	5.58E-04	2.73E-05	8.04E-08	5.45E-06	5.91E-04	0.00055	2.35E-05	6.57E-08	5.79E-06	0.00058
4116	476863.09	3855377.25	0.00481	0.00504	0.005	0.00408	4.36E-04	2.1E-05	9.4E-08	9.5E-06	0.00047	5.50E-04	2.69E-05	7.95E-08	5.52E-06	5.83E-04	0.000542	2.31E-05	6.49E-08	5.86E-06	0.000571
4117	477363.09	3855377.25	0.00543	0.00565	0.00567	0.0045	4.92E-04	2.4E-05	1.1E-07	1E-05	0.00053	6.21E-04	3.02E-05	9.01E-08	6.08E-06	6.57E-04	0.000612	2.59E-05	7.36E-08	6.46E-06	0.000645
4118	477863.09	3855377.25	0.00732	0.00759	0.00756	0.0055	6.63E-04	3.2E-05	1.4E-07	1.3E-05	0.00071	8.37E-04	4.05E-05	1.2E-07	7.44E-06	8.85E-04	0.000825	3.49E-05	9.81E-08	7.9E-06	0.000868
4119	478363.09	3855377.25	0.00978	0.01005	0.01011	0.00672	8.86E-04	4.3E-05	1.9E-07	1.6E-05	0.00094	1.12E-03	5.37E-05	1.61E-07	9.09E-06	1.18E-03	0.001103	4.62E-05	1.31E-07	9.65E-06	0.001159
4120	478863.09	3855377.25	0.01283	0.01299	0.01325	0.00814	1.16E-03	5.5E-05	2.5E-07	1.9E-05	0.00124	1.47E-03	6.94E-05	2.11E-07	1.1E-05	1.55E-03	0.001447	5.97E-05	1.72E-07	1.17E-05	0.001518
4121	479363.09	3855377.25	0.0182	0.01813	0.01872	0.01035	1.65E-03	7.7E-05	3.5E-07	2.4E-05	0.00175	2.08E-03	9.68E-05	2.98E-07	1.4E-05	2.19E-03	0.002052	8.33E-05	2.43E-07	1.49E-05	0.00215
4122	479863.09	3855377.25	0.02475	0.02446	0.02518	0.01302	2.24E-03	0.0001	4.7E-07	3E-05	0.00238	2.83E-03	0.000131	4E-07	1.76E-05	2.98E-03	0.002791	0.000112	3.27E-07	1.87E-05	0.002922
4123	480363.09	3855377.25	0.03819	0.03904	0.03813	0.01873	3.46E-03	0.00017	7.1E-07	4.3E-05	0.00367	4.37E-03	0.000208	6.06E-07	2.53E-05	4.60E-03	0.004306	0.000179	4.95E-07	2.69E-05	0.004513
4124	480863.09	3855377.25	0.05644	0.05879	0.05371	0.02924	5.11E-03	0.00025	1E-06	6.8E-05	0.00543	6.46E-03	0.000314	8.54E-07	3.95E-05	6.81E-03	0.006364	0.00027	6.97E-07	4.2E-05	0.006676
4125	481363.09	3855377.25	0.07554	0.07594	0.06874	0.04449	6.85E-03	0.00032	1.3E-06	0.0001	0.00727	8.64E-03	0.000405	1.09E-06	6.02E-05	9.11E-03	0.008517	0.000349	8.92E-07	6.39E-05	0.008931
4126	481863.09	3855377.25	0.09317	0.09241	0.08243	0.05977	8.44E-03	0.00039	1.5E-06	0.00014	0.00897	1.07E-02	0.000493	1.31E-06	8.08E-05	1.12E-02	0.010505	0.000424	1.07E-06	8.58E-05	0.011016
4127	482363.09	3855377.25	0.1125	0.1137	0.09738	0.07673	1.02E-02	0.00048	1.8E-06	0.00018	0.01086	1.29E-02	0.000607	1.55E-06	0.000104	1.36E-02	0.012684	0.000522	1.26E-06	0.00011	0.013318
4128	482863.09	3855377.25	0.15106	0.17108	0.12779	0.09741	1.37E-02	0.00072	2.4E-06	0.00023	0.01464	1.73E-02	0.000913	2.03E-06	0.000132	1.83E-02	0.017032	0.000786	1.66E-06	0.00014	0.017959
4129	483363.09	3855377.25	0.21304	0.29011	0.18267	0.13226	1.93E-02	0.00123	3.4E-06	0.00031	0.02084	2.44E-02	0.001549	2.9E-06	0.000179	2.61E-02	0.02402	0.001332	2.37E-06	0.00019	0.025545
4130	483863.09	3855377.25	0.34714	0.57427	0.3216	0.18889	3.15E-02	0.00243	6E-06	0.00044	0.03433	3.97E-02	0.003066	5.11E-06	0.000255	4.30E-02	0.03914	0.002637	4.17E-06	0.000271	0.042053
4131	484363.09	3855377.25	0.85722	1.23023	0.92391	0.21345	7.77E-02	0.0052	1.7E-05	0.00049	0.0834	9.80E-02	0.006569	1.47E-05	0.000289	1.05E-01	0.096651	0.00565	1.2E-05	0.000307	0.102619
4132	484863.09	3855377.25	2.72773	1.36865	8.44272	1.95413	2.47E-01	0.00579	0.00016	0.00453	0.25767	3.12E-01	0.007308	0.000134	0.002642	3.22E-01	0.307551	0.006285	0.00011	0.002806	0.316752
4133	485363.09	3855377.25	2.27005	1.1448	2.80784	1.0106	2.06E-01	0.00484	5.3E-05	0.00234	0.21295	2.60E-01	0.006113	4.46E-05	0.001366	2.67E-01	0.255947	0.005257	3.64E-05	0.001451	0.262692
4134	485863.09	3855377.25	1.09398	0.80845	1.34989	0.51015	9.91E-02	0.00342	2.5E-05	0.00118	0.10377	1.25E-01	0.004317	2.15E-05	0.00069	1.30E-01	0.123346	0.003713	1.75E-05	0.000733	0.127809
4135	486363.09	3855377.25	0.69118	0.55458	0.83232	0.3397	6.26E-02	0.00235	1.6E-05	0.00079	0.06578	7.91E-02	0.002961	1.32E-05	0.000459	8.25E-02	0.07793	0.002547	1.08E-05	0.000488	0.080976
4136	486863.09	3855377.25	0.49541	0.40088	0.587	0.25862	4.49E-02	0.0017	1.1E-05	0.0006	0.0472	5.67E-02	0.002141	9.33E-06	0.00035	5.92E-02	0.055857	0.001841	7.62E-06	0.000371	0.058077
4137	487363.09	3855377.25	0.42867	0.32465	0.5101	0.23533	3.88E-02	0.00137	9.5E-06	0.00055	0.04078	4.90E-02	0.001733	8.11E-06	0.000318	5.11E-02	0.048332	0.001491	6.62E-06	0.000338	0.050168
4138	487863.09	3855377.25	0.37607	0.27281	0.44917	0.21988	3.41E-02	0.00115	8.4E-06	0.00051	0.03575	4.30E-02	0.001457	7.14E-06	0.000297	4.48E-02	0.042402	0.001253	5.83E-06	0.000316	0.043976
4139	488363.09	3855377.25	0.33414	0.2349	0.40038	0.20984	3.03E-02	0.00099	7.5E-06	0.00049	0.03177	3.82E-02	0.001254	6.36E-06	0.000284	3.98E-02	0.037674	0.001079	5.2E-06	0.000301	0.039059
4140	488863.09	3855377.25	0.29835	0.21089	0.35756	0.20148	2.70E-02	0.00089	6.7E-06	0.00047	0.0284	3.41E-02	0.001126	5.68E-06	0.000272	3.55E-02	0.033639	0.000968	4.64E-06	0.000289	0.034901
4141	489363.09	3855377.25	0.26649	0.18638	0.31937	0.18962	2.41E-02	0.00079	6E-06	0.00044	0.02538	3.05E-02	0.000995	5.08E-06	0.000256	3.17E-02	0.030047	0.000856	4.15E-06	0.000272	0.031179
4142	489863.09	3855377.25	0.23618	0.17164	0.28286	0.17193	2.14E-02	0.00073	5.3E-06	0.0004	0.02253	2.70E-02	0.000916	4.5E-06	0.000232	2.82E-02	0.026629	0.000788	3.67E-06	0.000247	0.027668
4143	490363.09	3855377.25	0.21563	0.16826	0.25699	0.16674	1.95E-02	0.00071	4.8E-06	0.00039	0.02064	2.47E-02	0.000898	4.08E-06	0.000225	2.58E-02	0.024312	0.000773	3.34E-06	0.000239	0.025328
4144	490863.09	3855377.25	0.14723	0.11805	0.17481	0.10479	1.33E-02	0.0005	3.3E-06	0.00024	0.01409	1.68E-02	0.00063	2.78E-06	0.000142	1.76E-02	0.0166	0.000542	2.27E-06	0.00015	0.017295

4145	491363.09	3855377.25	0.12158	0.10193	0.14275	0.09047	1.10E-02	0.00043	2.7E-06	0.00021	0.01166	1.39E-02	0.000544	2.27E-06	0.000122	1.46E-02	0.013708	0.000468	1.85E-06	0.00013	0.014308
4146	491863.09	3855377.25	0.15847	0.14099	0.18532	0.12896	1.44E-02	0.0006	3.5E-06	0.0003	0.01526	1.81E-02	0.000753	2.95E-06	0.000174	1.91E-02	0.017867	0.000647	2.41E-06	0.000185	0.018703
4147	492363.09	3855377.25	0.14711	0.13518	0.1706	0.12491	1.33E-02	0.00057	3.2E-06	0.00029	0.0142	1.68E-02	0.000722	2.71E-06	0.000169	1.77E-02	0.016587	0.000621	2.21E-06	0.000179	0.017389
4148	492863.09	3855377.25	0.13365	0.12585	0.15389	0.11377	1.21E-02	0.00053	2.9E-06	0.00026	0.01291	1.53E-02	0.000672	2.45E-06	0.000154	1.61E-02	0.015069	0.000578	2E-06	0.000163	0.015812
4149	493363.09	3855377.25	0.11675	0.11196	0.1337	0.09698	1.06E-02	0.00047	2.5E-06	0.00022	0.01128	1.34E-02	0.000598	2.12E-06	0.000131	1.41E-02	0.013164	0.000514	1.74E-06	0.000139	0.013819
4150	493863.09	3855377.25	0.09123	0.08832	0.10399	0.07457	8.27E-03	0.00037	1.9E-06	0.00017	0.00882	1.04E-02	0.000472	1.65E-06	0.000101	1.10E-02	0.010286	0.000406	1.35E-06	0.000107	0.0108
4151	494363.09	3855377.25	0.06657	0.065	0.07512	0.05667	6.03E-03	0.00027	1.4E-06	0.00013	0.00644	7.61E-03	0.000347	1.19E-06	7.66E-05	8.04E-03	0.007506	0.000299	9.75E-07	8.14E-05	0.007887
4152	494863.09	3855377.25	0.04775	0.04704	0.05331	0.0434	4.33E-03	0.0002	1E-06	0.0001	0.00463	5.46E-03	0.000251	8.47E-07	5.87E-05	5.77E-03	0.005384	0.000216	6.92E-07	6.23E-05	0.005663
4153	495363.09	3855377.25	0.03641	0.03615	0.04025	0.03496	3.30E-03	0.00015	7.5E-07	8.1E-05	0.00353	4.16E-03	0.000193	6.4E-07	4.73E-05	4.41E-03	0.004105	0.000166	5.22E-07	5.02E-05	0.004322
4154	495863.09	3855377.25	0.02946	0.02947	0.03216	0.02914	2.67E-03	0.00012	6E-07	6.7E-05	0.00286	3.37E-03	0.000157	5.11E-07	3.94E-05	3.57E-03	0.003322	0.000135	4.17E-07	4.18E-05	0.003499
4155	496363.09	3855377.25	0.02743	0.02765	0.02988	0.02733	2.49E-03	0.00012	5.6E-07	6.3E-05	0.00267	3.14E-03	0.000148	4.75E-07	3.7E-05	3.32E-03	0.003093	0.000127	3.88E-07	3.92E-05	0.003259
4156	496863.09	3855377.25	0.0259	0.02627	0.02795	0.02582	2.35E-03	0.00011	5.2E-07	6E-05	0.00252	2.96E-03	0.00014	4.44E-07	3.49E-05	3.14E-03	0.00292	0.000121	3.63E-07	3.71E-05	0.003078
4157	497363.09	3855377.25	0.02547	0.026	0.02747	0.02537	2.31E-03	0.00011	5.1E-07	5.9E-05	0.00248	2.91E-03	0.000139	4.37E-07	3.43E-05	3.09E-03	0.002872	0.000119	3.57E-07	3.64E-05	0.003028
4158	497863.09	3855377.25	0.02609	0.02673	0.02793	0.02565	2.36E-03	0.00011	5.2E-07	5.9E-05	0.00254	2.98E-03	0.000143	4.44E-07	3.47E-05	3.16E-03	0.002942	0.000123	3.63E-07	3.68E-05	0.003102
4159	498363.09	3855377.25	0.02708	0.02788	0.02903	0.02628	2.45E-03	0.00012	5.4E-07	6.1E-05	0.00263	3.10E-03	0.000149	4.61E-07	3.55E-05	3.28E-03	0.003053	0.000128	3.77E-07	3.77E-05	0.003219
4160	471363.09	3855877.25	0.00779	0.00761	0.00784	0.00549	7.06E-04	3.2E-05	1.5E-07	1.3E-05	0.00075	8.91E-04	4.06E-05	1.25E-07	7.42E-06	9.39E-04	0.000878	3.49E-05	1.02E-07	7.88E-06	0.000921
4161	471863.09	3855877.25	0.00822	0.00809	0.00825	0.00572	7.45E-04	3.4E-05	1.5E-07	1.3E-05	0.00079	9.40E-04	4.32E-05	1.31E-07	7.73E-06	9.91E-04	0.000927	3.72E-05	1.07E-07	8.21E-06	0.000972
4162	472363.09	3855877.25	0.00901	0.00894	0.009	0.00628	8.17E-04	3.8E-05	1.7E-07	1.5E-05	0.00087	1.03E-03	4.77E-05	1.43E-07	8.49E-06	1.09E-03	0.001016	4.11E-05	1.17E-07	9.02E-06	0.001066
4163	472863.09	3855877.25	0.00937	0.0094	0.00936	0.00639	8.49E-04	4E-05	1.8E-07	1.5E-05	0.0009	1.07E-03	5.02E-05	1.49E-07	8.64E-06	1.13E-03	0.001056	4.32E-05	1.21E-07	9.18E-06	0.001109
4164	473363.09	3855877.25	0.01043	0.01057	0.01036	0.00717	9.45E-04	4.5E-05	1.9E-07	1.7E-05	0.00101	1.19E-03	5.64E-05	1.65E-07	9.69E-06	1.26E-03	0.001176	4.85E-05	1.34E-07	1.03E-05	0.001235
4165	473863.09	3855877.25	0.01135	0.01162	0.01123	0.00775	1.03E-03	4.9E-05	2.1E-07	1.8E-05	0.0011	1.30E-03	6.2E-05	1.78E-07	1.05E-05	1.37E-03	0.00128	5.34E-05	1.46E-07	1.11E-05	0.001344
4166	474363.09	3855877.25	0.01213	0.01256	0.01202	0.00812	1.10E-03	5.3E-05	2.3E-07	1.9E-05	0.00117	1.39E-03	6.71E-05	1.91E-07	1.1E-05	1.47E-03	0.001368	5.77E-05	1.56E-07	1.17E-05	0.001437
4167	474863.09	3855877.25	0.01047	0.01094	0.01062	0.00652	9.49E-04	4.6E-05	2E-07	1.5E-05	0.00101	1.20E-03	5.84E-05	1.69E-07	8.82E-06	1.26E-03	0.00118	5.02E-05	1.38E-07	9.36E-06	0.00124
4168	475363.09	3855877.25	0.00691	0.00699	0.00718	0.00469	6.26E-04	3E-05	1.3E-07	1.1E-05	0.00067	7.90E-04	3.73E-05	1.14E-07	6.34E-06	8.34E-04	0.000779	3.21E-05	9.32E-08	6.74E-06	0.000818
4169	475863.09	3855877.25	0.00301	0.00296	0.0031	0.00279	2.73E-04	1.3E-05	5.8E-08	6.5E-06	0.00029	3.44E-04	1.58E-05	4.93E-08	3.77E-06	3.64E-04	0.000339	1.36E-05	4.02E-08	4.01E-06	0.000357
4170	476363.09	3855877.25	0.00325	0.00321	0.00334	0.00299	2.95E-04	1.4E-05	6.3E-08	6.9E-06	0.00032	3.72E-04	1.71E-05	5.31E-08	4.04E-06	3.93E-04	0.000366	1.47E-05	4.34E-08	4.29E-06	0.000386
4171	476863.09	3855877.25	0.00499	0.00494	0.00519	0.0041	4.52E-04	2.1E-05	9.7E-08	9.5E-06	0.00048	5.71E-04	2.64E-05	8.25E-08	5.54E-06	6.03E-04	0.000563	2.27E-05	6.74E-08	5.89E-06	0.000591
4172	477363.09	3855877.25	0.0062	0.0062	0.00649	0.0048	5.62E-04	2.6E-05	1.2E-07	1.1E-05	0.0006	7.09E-04	3.31E-05	1.03E-07	6.49E-06	7.49E-04	0.000699	2.85E-05	8.42E-08	6.89E-06	0.000734
4173	477863.09	3855877.25	0.00782	0.00786	0.00808	0.00563	7.09E-04	3.3E-05	1.5E-07	1.3E-05	0.00076	8.94E-04	4.2E-05	1.28E-07	7.61E-06	9.44E-04	0.000882	3.61E-05	1.05E-07	8.08E-06	0.000926
4174	478363.09	3855877.25	0.01032	0.0104	0.01085	0.00693	9.35E-04	4.4E-05	2E-07	1.6E-05	0.001	1.18E-03	5.55E-05	1.72E-07	9.37E-06	1.25E-03	0.001164	4.78E-05	1.41E-07	9.95E-06	0.001221
4175	478863.09	3855877.25	0.01414	0.01433	0.01463	0.00863	1.28E-03	6.1E-05	2.7E-07	2E-05	0.00136	1.62E-03	7.65E-05	2.33E-07	1.17E-05	1.71E-03	0.001594	6.58E-05	1.9E-07	1.24E-05	0.001673
4176	479363.09	3855877.25	0.02018	0.0207	0.02079	0.01115	1.83E-03	8.8E-05	3.9E-07	2.6E-05	0.00194	2.31E-03	0.000111	3.3E-07	1.51E-05	2.43E-03	0.002275	9.51E-05	2.7E-07	1.6E-05	0.002387
4177	479863.09	3855877.25	0.02756	0.02838	0.02815	0.0142	2.50E-03	0.00012	5.3E-07	3.3E-05	0.00265	3.15E-03	0.000152	4.47E-07	1.92E-05	3.32E-03	0.003107	0.00013	3.65E-07	2.04E-05	0.003258
4178	480363.09	3855877.25	0.03906	0.0403	0.03908	0.01941	3.54E-03	0.00017	7.3E-07	4.5E-05	0.00376	4.47E-03	0.000215	6.21E-07	2.62E-05	4.71E-03	0.004404	0.000185	5.07E-07	2.79E-05	0.004617
4179	480863.09	3855877.25	0.05477	0.05683	0.05293	0.02827	4.96E-03	0.00024	9.9E-07	6.5E-05	0.00527	6.26E-03	0.000303	8.41E-07	3.82E-05	6.61E-03	0.006175	0.000261	6.87E-07	4.06E-05	0.006478
4180	481363.09	3855877.25	0.06529	0.0697	0.06294	0.03112	5.92E-03	0.00029	1.2E-06	7.2E-05	0.00628	7.47E-03	0.000372	1E-06	4.21E-05	7.88E-03	0.007361	0.00032	8.17E-07	4.47E-05	0.007727
4181	481863.09	3855877.25	0.09031	0.09922	0.08441	0.06127	8.18E-03	0.00042	1.6E-06	0.00014	0.00875	1.03E-02	0.00053	1.34E-06	8.28E-05	1.09E-02	0.010182	0.000456	1.1E-06	8.8E-05	0.010727
4182	482363.09	3855877.25	0.10385	0.11526	0.09902	0.08211	9.41E-03	0.00049	1.9E-06	0.00019	0.01009	1.19E-02	0.000615	1.57E-06	0.000111	1.26E-02	0.011709	0.000529	1.29E-06	0.000118	0.012358
4183	482863.09	3855877.25	0.13158	0.14296	0.131	0.10533	1.19E-02	0.0006	2.5E-06	0.00024	0.01278	1.50E-02	0.000763	2.08E-06	0.000142	1.60E-02	0.014836	0.000657	1.7E-06	0.000151	0.015645
4184	483363.09	3855877.25	0.17237	0.1784	0.17709	0.14483	1.56E-02	0.00075	3.3E-06	0.00034	0.01671	1.97E-02	0.000953	2.81E-06	0.000196	2.09E-02	0.019435	0.000819	2.3E-06	0.000208	0.020464
4185	483863.09	3855877.25	0.23895	0.24535	0.26049	0.21803	2.17E-02	0.00104	4.9E-06	0.0005	0.0232	2.73E-02	0.00131	4.14E-06	0.000295	2.89E-02	0.026942	0.001127	3.38E-06	0.000313	0.028385
4186	484363.09	3855877.25	0.37235	0.26458	0.44268	0.34736	3.37E-02	0.00112	8.3E-06	0.0008	0.03568	4.26E-02	0.001413	7.04E-06	0.00047	4.45E-02	0.041982	0.001215	5.75E-06	0.000499	0.043702
4187	484863.09	3855877.25	0.75832	0.3062	0.93677	0.47696	6.87E-02	0.0013	1.8E-05	0.0011	0.07114	8.67E-02	0.001635	1.49E-05	0.000645	8.90E-02	0.0855	0.001406	1.22E-05	0.000685	0.087604
4188	485363.09	3855877.25	3.19659	0.27983	5.53602	2.22301	2.90E-01	0.00118	0.0001	0.00515	0.29612	3.66E-01	0.001494	8.8E-05	0.003006	3.70E-01	0.360414	0.001285	7.19E-05	0.003192	0.364964
4189	485863.09	3855877.25	2.87683	0.35228	3.63674	1.58844	2.61E-01	0.00149	6.8E-05	0.00368	0.26594	3.29E-01	0.001881	5.78E-05	0.002148	3.33E-01	0.324362	0.001618	4.72E-05	0.002281	0.328308
4190	486363.09	3855877.25	1.1937	0.33962	1.58335	0.75341	1.08E-01	0.00144	3E-05	0.00175	0.11139	1.37E-01	0.001813	2.52E-05	0.001019	1.39E-01	0.134589	0.00156	2.06E-05	0.001082	0.137251
4191	486863.09	3855877.25	0.79633	0.29441	1.04466	0.5175	7.22E-02	0.00125	2E-05	0.0012	0.07463	9.11E-02	0.001572	1.66E-05	0.0007	9.34E-02	0.089786	0.001352	1.36E-05	0.000743	0.091895
4192	487363.09	3855877.25	0.64406	0.26002	0.83779	0.4371	5.84E-02	0.0011	1.6E-05	0.00101	0.06049	7.37E-02	0.001388	1.33E-05	0.000591	7.57E-02	0.072618	0.001194	1.09E-05	0.000628	0.07445
4193	487863.09	3855877.25	0.5359	0.24128	0.68974	0.3892	4.86E-02	0.00102	1.3E-05	0.0009	0.0505	6.13E-02	0.001288	1.1E-05	0.000526	6.31E-02	0.060423	0.001108	8.95E-06	0.000559	0.062098
4194	488363.09	3855877.25	0.45101	0.23119	0.57385	0.34789	4.09E-02	0.00098	1.1E-05	0.00081	0.04267	5.16E-02	0.001234	9.12E-06	0.00047	5.33E-02	0.050851	0.001062	7.45E-06	0.0005	0.05242
4195	488863.09	3855877.25	0.38629	0.21889	0.48691	0.3169	3.50E-02	0.00093	9.1E-06	0.00073	0.03668	4.42E-02	0.001169	7.74E-06	0.000428	4.58E-02	0.043554	0.001005	6.32E-06	0.000455	0.045021
4196	489363.09	3855877.25	0.33408	0.21975	0.41625	0.28758	3.03E-02	0.00093	7.8E-06	0.00067	0.03188	3.82E-02	0.001173	6.62E-06	0.000389	3.98E-02	0.037667	0.001009	5.4E-06	0.000413	0.039095
4197	489863.09	3855877.25	0.29185	0.21997	0.35922	0.26014	2.64E-02	0.00093	6.7E-06	0.0006	0.02799	3.34E-02	0.001175	5.71E-06	0.000352	3.49E-02	0.032906	0.00101	4.66E-06	0.000374	0.034294
4198	490363.09	3855877.25	0.25789	0.21364	0.31286	0.23851	2.34E-02	0.0009	5.9E-06	0.00055	0.02483	2.95E-02	0.001141	4.97E-06	0.000322	3.10E-02	0.029077	0.000981	4.06E-06	0.000343	0.030405
4199	490863.09	3855877.25	0.2281	0.2015	0.27367	0.20774	2.07E-02	0.00085	5.1E-06	0.00048	0.02201	2.61E-02	0.001076	4.35E-06	0.000281	2.75E-02	0.025718	0.000925	3.55E-06	0.000298	0.026945
4200	491363.09	3855877.25	0.19424	0.1779	0.23183	0.16473	1.76E-02	0.00075	4.3E-06	0.00038	0.01874	2.22E-02	0.00095	3.68E-06	0.000223	2.34E-02	0.0219	0.000817	3.01E-06	0.000237	0.022957
4201	491863.09	3855877.25	0.18326	0.17743	0.21427	0.17294	1.66E-02	0.00075	4E-06	0.0004	0.01776	2.10E-02	0.000947	3.41E-06	0.000234	2.21E-02	0.020663	0.000815	2.78E-06	0.000248	0.021728
4202	492363.09	3855877.25	0.16344	0.16237	0.18924	0.15141	1.48E-02	0.00069	3.5E-06	0.00035	0.01585	1.87E-02	0.000867	3.01E-06	0.000205	1.98E-02	0.018428	0.000746	2.46E-06	0.000217	0.019393
4203	492863.09	3855877.25	0.14638	0.14804	0.16789	0.13439	1.33E-02	0.00063	3.1E-06	0.00031	0.01421	1.67E-02	0.00079	2.67E-06	0.000182	1.77E-02	0.016504	0.00068	2.18E-06	0.000193	0.017379
4204	493363.09	3855877.25	0.11537	0.11592	0.13201	0.09921	1.05E-02	0.00049	2.5E-06	0.00023	0.01118	1.32E-02	0.000619	2.1E-06	0.000134	1.40E-02	0.013008	0.000532	1.71E-06	0.000142	0.013684
4205	493863.09	3855877.25	0.08112	0.08122	0.09177	0.07134	7.35E-03	0.00034	1.7E-06	0.00017	0.00786	9.28E-03	0.000434	1.46E-06	9.65E-05	9.81E-03	0.009146	0.000373	1.19E-06	0.000102	0.009623

4206	494363.09	3855877.25	0.05594	0.05632	0.06267	0.05255	5.07E-03	0.00024	1.2E-06	0.00012	0.00543	6.40E-03	0.000301	9.96E-07	7.11E-05	6.77E-03	0.006307	0.000259	8.13E-07	7.55E-05	0.006642
4207	494863.09	3855877.25	0.04134	0.04212	0.04567	0.04107	3.75E-03	0.00018	8.5E-07	9.5E-05	0.00402	4.73E-03	0.000225	7.26E-07	5.55E-05	5.01E-03	0.004661	0.000193	5.93E-07	5.9E-05	0.004914
4208	495363.09	3855877.25	0.02926	0.02999	0.03183	0.03046	2.65E-03	0.00013	6E-07	7.1E-05	0.00285	3.35E-03	0.00016	5.06E-07	4.12E-05	3.55E-03	0.003299	0.000138	4.13E-07	4.37E-05	0.003481
4209	495863.09	3855877.25	0.02753	0.02829	0.02976	0.02864	2.49E-03	0.00012	5.6E-07	6.6E-05	0.00268	3.15E-03	0.000151	4.73E-07	3.87E-05	3.34E-03	0.003104	0.00013	3.86E-07	4.11E-05	0.003275
4210	496363.09	3855877.25	0.02641	0.02717	0.02829	0.02732	2.39E-03	0.00011	5.3E-07	6.3E-05	0.00257	3.02E-03	0.000145	4.5E-07	3.69E-05	3.20E-03	0.002978	0.000125	3.67E-07	3.92E-05	0.003142
4211	496863.09	3855877.25	0.02653	0.02733	0.02833	0.02719	2.40E-03	0.00012	5.3E-07	6.3E-05	0.00258	3.03E-03	0.000146	4.5E-07	3.68E-05	3.22E-03	0.002991	0.000126	3.68E-07	3.9E-05	0.003156
4212	497363.09	3855877.25	0.02691	0.0277	0.02864	0.02723	2.44E-03	0.00012	5.4E-07	6.3E-05	0.00262	3.08E-03	0.000148	4.55E-07	3.68E-05	3.26E-03	0.003034	0.000127	3.72E-07	3.91E-05	0.003201
4213	497863.09	3855877.25	0.02786	0.02866	0.02959	0.02775	2.52E-03	0.00012	5.5E-07	6.4E-05	0.00271	3.19E-03	0.000153	4.7E-07	3.75E-05	3.38E-03	0.003141	0.000132	3.84E-07	3.99E-05	0.003313
4214	498363.09	3855877.25	0.03101	0.03198	0.03297	0.02987	2.81E-03	0.00014	6.2E-07	6.9E-05	0.00302	3.55E-03	0.000171	5.24E-07	4.04E-05	3.76E-03	0.003496	0.000147	4.28E-07	4.29E-05	0.003687
4215	471363.09	3856377.25	0.00806	0.00862	0.00813	0.00558	7.30E-04	3.6E-05	1.5E-07	1.3E-05	0.00078	9.22E-04	4.6E-05	1.29E-07	7.54E-06	9.76E-04	0.000909	3.96E-05	1.06E-07	8.01E-06	0.000956
4216	471863.09	3856377.25	0.00845	0.00903	0.00855	0.00578	7.66E-04	3.8E-05	1.6E-07	1.3E-05	0.00082	9.66E-04	4.82E-05	1.36E-07	7.82E-06	1.02E-03	0.000953	4.15E-05	1.11E-07	8.3E-06	0.001003
4217	472363.09	3856377.25	0.00909	0.0097	0.0092	0.0062	8.24E-04	4.1E-05	1.7E-07	1.4E-05	0.00088	1.04E-03	5.18E-05	1.46E-07	8.38E-06	1.10E-03	0.001025	4.45E-05	1.19E-07	8.9E-06	0.001078
4218	472863.09	3856377.25	0.00987	0.01049	0.00999	0.00675	8.94E-04	4.4E-05	1.9E-07	1.6E-05	0.00095	1.13E-03	5.6E-05	1.59E-07	9.13E-06	1.19E-03	0.001113	4.82E-05	1.3E-07	9.69E-06	0.001171
4219	473363.09	3856377.25	0.01061	0.01121	0.01075	0.00723	9.62E-04	4.7E-05	2E-07	1.7E-05	0.00103	1.21E-03	5.99E-05	1.71E-07	9.78E-06	1.28E-03	0.001196	5.15E-05	1.4E-07	1.04E-05	0.001258
4220	473863.09	3856377.25	0.01175	0.0123	0.01186	0.00816	1.06E-03	5.2E-05	2.2E-07	1.9E-05	0.00114	1.34E-03	6.57E-05	1.88E-07	1.1E-05	1.42E-03	0.001325	5.65E-05	1.54E-07	1.17E-05	0.001393
4221	474363.09	3856377.25	0.012	0.01243	0.01221	0.00795	1.09E-03	5.3E-05	2.3E-07	1.8E-05	0.00116	1.37E-03	6.64E-05	1.94E-07	1.07E-05	1.45E-03	0.001353	5.71E-05	1.58E-07	1.14E-05	0.001422
4222	474863.09	3856377.25	0.01181	0.01205	0.01218	0.00742	1.07E-03	5.1E-05	2.3E-07	1.7E-05	0.00114	1.35E-03	6.43E-05	1.94E-07	1E-05	1.43E-03	0.001332	5.53E-05	1.58E-07	1.07E-05	0.001398
4223	475363.09	3856377.25	0.00996	0.00991	0.01048	0.00608	9.03E-04	4.2E-05	2E-07	1.4E-05	0.00096	1.14E-03	5.29E-05	1.67E-07	8.22E-06	1.20E-03	0.001123	4.55E-05	1.36E-07	8.73E-06	0.001177
4224	475863.09	3856377.25	0.0069	0.0067	0.00732	0.00462	6.25E-04	2.8E-05	1.4E-07	1.1E-05	0.00066	7.89E-04	3.58E-05	1.16E-07	6.25E-06	8.31E-04	0.000778	3.08E-05	9.5E-08	6.63E-06	0.000815
4225	476363.09	3856377.25	0.00649	0.00626	0.00687	0.00451	5.88E-04	2.6E-05	1.3E-07	1E-05	0.00063	7.42E-04	3.34E-05	1.09E-07	6.1E-06	7.82E-04	0.000732	2.87E-05	8.92E-08	6.48E-06	0.000767
4226	476863.09	3856377.25	0.0067	0.00644	0.00708	0.0047	6.07E-04	2.7E-05	1.3E-07	1.1E-05	0.00065	7.66E-04	3.44E-05	1.13E-07	6.35E-06	8.07E-04	0.000755	2.96E-05	9.19E-08	6.75E-06	0.000792
4227	477363.09	3856377.25	0.00729	0.00697	0.00769	0.00506	6.61E-04	2.9E-05	1.4E-07	1.2E-05	0.0007	8.34E-04	3.72E-05	1.22E-07	6.84E-06	8.78E-04	0.000822	3.2E-05	9.98E-08	7.27E-06	0.000861
4228	477863.09	3856377.25	0.00588	0.00566	0.00614	0.00453	5.33E-04	2.4E-05	1.1E-07	1E-05	0.00057	6.73E-04	3.02E-05	9.76E-08	6.13E-06	7.09E-04	0.000663	2.6E-05	7.97E-08	6.51E-06	0.000696
4229	478363.09	3856377.25	0.0053	0.00525	0.00548	0.00434	4.80E-04	2.2E-05	1E-07	1E-05	0.00051	6.06E-04	2.8E-05	8.71E-08	5.87E-06	6.40E-04	0.000598	2.41E-05	7.11E-08	6.23E-06	0.000628
4230	478863.09	3856377.25	0.01111	0.01077	0.01161	0.00712	1.01E-03	4.6E-05	2.2E-07	1.6E-05	0.00107	1.27E-03	5.75E-05	1.85E-07	9.63E-06	1.34E-03	0.001253	4.95E-05	1.51E-07	1.02E-05	0.001312
4231	479363.09	3856377.25	0.01527	0.01494	0.01583	0.00887	1.38E-03	6.3E-05	3E-07	2.1E-05	0.00147	1.75E-03	7.98E-05	2.52E-07	1.2E-05	1.84E-03	0.001722	6.86E-05	2.05E-07	1.27E-05	0.001803
4232	479863.09	3856377.25	0.02722	0.02814	0.02755	0.01357	2.47E-03	0.00012	5.2E-07	3.1E-05	0.00262	3.11E-03	0.00015	4.38E-07	1.83E-05	3.28E-03	0.003069	0.000129	3.58E-07	1.95E-05	0.003218
4233	480363.09	3856377.25	0.04132	0.04475	0.04094	0.02071	3.74E-03	0.00019	7.7E-07	4.8E-05	0.00398	4.73E-03	0.000239	6.51E-07	2.8E-05	4.99E-03	0.004659	0.000206	5.31E-07	2.97E-05	0.004895
4234	480863.09	3856377.25	0.05438	0.05974	0.05299	0.02918	4.93E-03	0.00025	9.9E-07	6.8E-05	0.00525	6.22E-03	0.000319	8.42E-07	3.95E-05	6.58E-03	0.006131	0.000274	6.88E-07	4.19E-05	0.006448
4235	481363.09	3856377.25	0.06923	0.07782	0.06738	0.04211	6.27E-03	0.00033	1.3E-06	9.8E-05	0.0067	7.92E-03	0.000416	1.07E-06	5.69E-05	8.39E-03	0.007806	0.000357	8.75E-07	6.05E-05	0.008224
4236	481863.09	3856377.25	0.08283	0.08775	0.08265	0.063	7.51E-03	0.00037	1.5E-06	0.00015	0.00802	9.47E-03	0.000469	1.31E-06	8.52E-05	1.00E-02	0.009339	0.000403	1.07E-06	9.05E-05	0.009834
4237	482363.09	3856377.25	0.09343	0.09022	0.09479	0.08396	8.47E-03	0.00038	1.8E-06	0.00019	0.00904	1.07E-02	0.000482	1.51E-06	0.000114	1.13E-02	0.010534	0.000414	1.23E-06	0.000121	0.01107
4238	482863.09	3856377.25	0.1142	0.10896	0.11869	0.10799	1.03E-02	0.00046	2.2E-06	0.00025	0.01106	1.31E-02	0.000582	1.89E-06	0.000146	1.38E-02	0.012876	0.0005	1.54E-06	0.000155	0.013533
4239	483363.09	3856377.25	0.14268	0.13767	0.15396	0.14056	1.29E-02	0.00058	2.9E-06	0.00033	0.01384	1.63E-02	0.000735	2.45E-06	0.00019	1.72E-02	0.016087	0.000632	2E-06	0.000202	0.016923
4240	483863.09	3856377.25	0.18424	0.15582	0.2099	0.19205	1.67E-02	0.00066	3.9E-06	0.00044	0.0178	2.11E-02	0.000832	3.34E-06	0.00026	2.22E-02	0.020773	0.000716	2.72E-06	0.000276	0.021767
4241	484363.09	3856377.25	0.24352	0.15322	0.29247	0.28195	2.21E-02	0.00065	5.5E-06	0.00065	0.02338	2.79E-02	0.000818	4.65E-06	0.000381	2.91E-02	0.027457	0.000704	3.8E-06	0.000405	0.028569
4242	484863.09	3856377.25	0.3511	0.16494	0.43698	0.4361	3.18E-02	0.0007	8.2E-06	0.00101	0.03353	4.02E-02	0.000881	6.94E-06	0.00059	4.16E-02	0.039586	0.000757	5.67E-06	0.000626	0.040976
4243	485363.09	3856377.25	0.63916	0.19671	0.80899	0.66077	5.79E-02	0.00083	1.5E-05	0.00153	0.0603	7.31E-02	0.00105	1.29E-05	0.000893	7.51E-02	0.072065	0.000903	1.05E-05	0.000949	0.073928
4244	485863.09	3856377.25	2.34896	0.19632	5.55425	1.76343	2.13E-01	0.00083	0.0001	0.00408	0.21789	2.69E-01	0.001048	8.83E-05	0.002384	2.72E-01	0.264844	0.000902	7.21E-05	0.002532	0.26835
4245	486363.09	3856377.25	3.04272	0.24645	4.88371	1.8464	2.76E-01	0.00104	9.1E-05	0.00428	0.28115	3.48E-01	0.001316	7.76E-05	0.002497	3.52E-01	0.343066	0.001132	6.34E-05	0.002652	0.346912
4246	486863.09	3856377.25	1.45058	0.26194	1.96397	0.92414	1.31E-01	0.00111	3.7E-05	0.00214	0.13474	1.66E-01	0.001399	3.12E-05	0.00125	1.69E-01	0.163552	0.001203	2.55E-05	0.001327	0.166108
4247	487363.09	3856377.25	0.96481	0.24392	1.29487	0.71506	8.74E-02	0.00103	2.4E-05	0.00166	0.09015	1.10E-01	0.001302	2.06E-05	0.000967	1.13E-01	0.108782	0.00112	1.68E-05	0.001027	0.110946
4248	487863.09	3856377.25	0.72157	0.26223	0.95565	0.61738	6.54E-02	0.00111	1.8E-05	0.00143	0.06795	8.25E-02	0.0014	1.52E-05	0.000835	8.48E-02	0.081357	0.001204	1.24E-05	0.000887	0.08346
4249	488363.09	3856377.25	0.56796	0.29507	0.74362	0.5339	5.15E-02	0.00125	1.4E-05	0.00124	0.05397	6.50E-02	0.001576	1.18E-05	0.000722	6.73E-02	0.064037	0.001355	9.65E-06	0.000767	0.066169
4250	488863.09	3856377.25	0.46239	0.33205	0.59498	0.46666	4.19E-02	0.0014	1.1E-05	0.00108	0.0444	5.29E-02	0.001773	9.46E-06	0.000631	5.53E-02	0.052134	0.001525	7.72E-06	0.00067	0.054337
4251	489363.09	3856377.25	0.38662	0.34053	0.48691	0.40848	3.50E-02	0.00144	9.1E-06	0.00095	0.03743	4.42E-02	0.001818	7.74E-06	0.000552	4.66E-02	0.043591	0.001564	6.32E-06	0.000587	0.045748
4252	489863.09	3856377.25	0.33012	0.32617	0.40595	0.35888	2.99E-02	0.00138	7.6E-06	0.00083	0.03213	3.78E-02	0.001742	6.45E-06	0.000485	4.00E-02	0.037221	0.001498	5.27E-06	0.000515	0.039239
4253	490363.09	3856377.25	0.28581	0.30027	0.34388	0.31081	2.59E-02	0.00127	6.4E-06	0.00072	0.0279	3.27E-02	0.001603	5.47E-06	0.00042	3.47E-02	0.032225	0.001379	4.46E-06	0.000446	0.034055
4254	490863.09	3856377.25	0.25048	0.27247	0.2956	0.26893	2.27E-02	0.00115	5.5E-06	0.00062	0.02448	2.86E-02	0.001455	4.7E-06	0.000364	3.05E-02	0.028242	0.001251	3.84E-06	0.000386	0.029883
4255	491363.09	3856377.25	0.22144	0.24528	0.25677	0.23641	2.01E-02	0.00104	4.8E-06	0.00055	0.02166	2.53E-02	0.00131	4.08E-06	0.00032	2.70E-02	0.024967	0.001126	3.33E-06	0.000339	0.026437
4256	491863.09	3856377.25	0.19667	0.21886	0.22489	0.20508	1.78E-02	0.00093	4.2E-06	0.00048	0.01923	2.25E-02	0.001169	3.57E-06	0.000277	2.39E-02	0.022174	0.001005	2.92E-06	0.000295	0.023477
4257	492363.09	3856377.25	0.17309	0.19234	0.19617	0.17213	1.57E-02	0.00081	3.7E-06	0.0004	0.0169	1.98E-02	0.001027	3.12E-06	0.000233	2.11E-02	0.019516	0.000883	2.55E-06	0.000247	0.020649
4258	492863.09	3856377.25	0.14286	0.15704	0.16158	0.13135	1.29E-02	0.00066	3E-06	0.0003	0.01392	1.63E-02	0.000839	2.57E-06	0.000178	1.74E-02	0.016107	0.000721	2.1E-06	0.000189	0.017019
4259	493363.09	3856377.25	0.09235	0.09885	0.10374	0.08461	8.37E-03	0.00042	1.9E-06	0.0002	0.00899	1.06E-02	0.000528	1.65E-06	0.000114	1.12E-02	0.010412	0.000454	1.35E-06	0.000122	0.010989
4260	493863.09	3856377.25	0.06965	0.07396	0.07722	0.06636	6.31E-03	0.00031	1.4E-06	0.00015	0.00678	7.97E-03	0.000395	1.23E-06	8.97E-05	8.45E-03	0.007853	0.00034	1E-06	9.53E-05	0.008289
4261	494363.09	3856377.25	0.04923	0.05185	0.05374	0.04976	4.46E-03	0.00022	1E-06	0.00012	0.0048	5.63E-03	0.000277	8.54E-07	6.73E-05	5.98E-03	0.005551	0.000238	6.98E-07	7.15E-05	0.005861
4262	494863.09	3856377.25	0.0361	0.03771	0.03888	0.03816	3.27E-03	0.00016	7.3E-07	8.8E-05	0.00352	4.13E-03	0.000201	6.18E-07	5.16E-05	4.38E-03	0.00407	0.000173	5.05E-07	5.48E-05	0.004299
4263	495363.09	3856377.25	0.02878	0.02986	0.03065	0.03085	2.61E-03	0.00013	5.7E-07	7.1E-05	0.00281	3.29E-03	0.000159	4.87E-07	4.17E-05	3.49E-03	0.003245	0.000137	3.98E-07	4.43E-05	0.003427
4264	495863.09	3856377.25	0.02689	0.02782	0.0284	0.02862	2.44E-03	0.00012	5.3E-07	6.6E-05	0.00262	3.08E-03	0.000149	4.51E-07	3.87E-05	3.26E-03	0.003032	0.000128	3.69E-07	4.11E-05	0.003201
4265	496363.09	3856377.25	0.02633	0.02719	0.02787	0.02791	2.39E-03	0.00012	5.2E-07	6.5E-05	0.00257	3.01E-03	0.000145	4.43E-07	3.77E-05	3.19E-03	0.002969	0.000125	3.62E-07	4.01E-05	0.003134
4266	496863.09	3856377.25	0.02764	0.02863	0.02913	0.02873	2.50E-03	0.00012	5.5E-07	6.7E-05	0.00269	3.16E-03	0.000153	4.63E-07	3.88E-05	3.35E-03	0.003116	0.000131	3.78E-07	4.13E-05	0.00329

4267	497363.09	3856377.25	0.02868	0.02976	0.03032	0.02934	2.60E-03	0.00013	5.7E-07	6.8E-05	0.00279	3.28E-03	0.000159	4.82E-07	3.97E-05	3.48E-03	0.003234	0.000137	3.94E-07	4.21E-05	0.003413
4268	497863.09	3856377.25	0.03086	0.03217	0.03253	0.03063	2.80E-03	0.00014	6.1E-07	7.1E-05	0.003	3.53E-03	0.000172	5.17E-07	4.14E-05	3.74E-03	0.003479	0.000148	4.22E-07	4.4E-05	0.003672
4269	498363.09	3856377.25	0.03389	0.03553	0.03578	0.0327	3.07E-03	0.00015	6.7E-07	7.6E-05	0.0033	3.88E-03	0.00019	5.69E-07	4.42E-05	4.11E-03	0.003821	0.000163	4.64E-07	4.7E-05	0.004032
4270	471363.09	3856877.25	0.00824	0.00895	0.00836	0.00593	7.47E-04	3.8E-05	1.6E-07	1.4E-05	0.0008	9.42E-04	4.78E-05	1.33E-07	8.02E-06	9.98E-04	0.000929	4.11E-05	1.09E-07	8.52E-06	0.000979
4271	471863.09	3856877.25	0.00857	0.0092	0.00872	0.00606	7.77E-04	3.9E-05	1.6E-07	1.4E-05	0.00083	9.80E-04	4.91E-05	1.39E-07	8.19E-06	1.04E-03	0.000966	4.22E-05	1.13E-07	8.7E-06	0.001017
4272	472363.09	3856877.25	0.00918	0.00975	0.00933	0.00648	8.32E-04	4.1E-05	1.7E-07	1.5E-05	0.00089	1.05E-03	5.21E-05	1.48E-07	8.76E-06	1.11E-03	0.001035	4.48E-05	1.21E-07	9.31E-06	0.001089
4273	472863.09	3856877.25	0.00983	0.01035	0.00999	0.00692	8.91E-04	4.4E-05	1.9E-07	1.6E-05	0.00095	1.12E-03	5.53E-05	1.59E-07	9.36E-06	1.19E-03	0.001108	4.75E-05	1.3E-07	9.94E-06	0.001166
4274	473363.09	3856877.25	0.01091	0.01137	0.01101	0.00785	9.89E-04	4.8E-05	2.1E-07	1.8E-05	0.00106	1.25E-03	6.07E-05	1.75E-07	1.06E-05	1.32E-03	0.00123	5.22E-05	1.43E-07	1.13E-05	0.001294
4275	473863.09	3856877.25	0.0117	0.01211	0.01179	0.00837	1.06E-03	5.1E-05	2.2E-07	1.9E-05	0.00113	1.34E-03	6.47E-05	1.87E-07	1.13E-05	1.41E-03	0.001319	5.56E-05	1.53E-07	1.2E-05	0.001387
4276	474363.09	3856877.25	0.01182	0.01222	0.01201	0.008	1.07E-03	5.2E-05	2.2E-07	1.9E-05	0.00114	1.35E-03	6.52E-05	1.91E-07	1.08E-05	1.43E-03	0.001333	5.61E-05	1.56E-07	1.15E-05	0.0014
4277	474863.09	3856877.25	0.01151	0.01187	0.01185	0.00734	1.04E-03	5E-05	2.2E-07	1.7E-05	0.00111	1.32E-03	6.34E-05	1.88E-07	9.92E-06	1.39E-03	0.001298	5.45E-05	1.54E-07	1.05E-05	0.001363
4278	475363.09	3856877.25	0.0102	0.01044	0.01065	0.00625	9.24E-04	4.4E-05	2E-07	1.4E-05	0.00098	1.17E-03	5.57E-05	1.69E-07	8.45E-06	1.23E-03	0.00115	4.79E-05	1.38E-07	8.98E-06	0.001207
4279	475863.09	3856877.25	0.01039	0.01057	0.01086	0.00628	9.42E-04	4.5E-05	2E-07	1.5E-05	0.001	1.19E-03	5.64E-05	1.73E-07	8.49E-06	1.25E-03	0.001171	4.85E-05	1.41E-07	9.02E-06	0.001229
4280	476363.09	3856877.25	0.00917	0.00927	0.0096	0.00564	8.31E-04	3.9E-05	1.8E-07	1.3E-05	0.00088	1.05E-03	4.95E-05	1.53E-07	7.63E-06	1.11E-03	0.001034	4.26E-05	1.25E-07	8.1E-06	0.001085
4281	476863.09	3856877.25	0.00892	0.00904	0.00932	0.00555	8.08E-04	3.8E-05	1.7E-07	1.3E-05	0.00086	1.02E-03	4.83E-05	1.48E-07	7.5E-06	1.08E-03	0.001006	4.15E-05	1.21E-07	7.97E-06	0.001055
4282	477363.09	3856877.25	0.00793	0.00806	0.00828	0.00518	7.19E-04	3.4E-05	1.6E-07	1.2E-05	0.00076	9.07E-04	4.3E-05	1.32E-07	7E-06	9.57E-04	0.000894	3.7E-05	1.07E-07	7.44E-06	0.000939
4283	477863.09	3856877.25	0.00535	0.00538	0.00557	0.00407	4.85E-04	2.3E-05	1E-07	9.4E-06	0.00052	6.12E-04	2.87E-05	8.85E-08	5.5E-06	6.46E-04	0.000603	2.47E-05	7.23E-08	5.84E-06	0.000634
4284	478363.09	3856877.25	0.00477	0.00471	0.00494	0.00387	4.32E-04	2E-05	9.2E-08	9E-06	0.00046	5.46E-04	2.51E-05	7.85E-08	5.23E-06	5.76E-04	0.000538	2.16E-05	6.41E-08	5.56E-06	0.000565
4285	478863.09	3856877.25	0.00623	0.00614	0.00651	0.0047	5.65E-04	2.6E-05	1.2E-07	1.1E-05	0.0006	7.13E-04	3.28E-05	1.03E-07	6.35E-06	7.52E-04	0.000702	2.82E-05	8.45E-08	6.75E-06	0.000737
4286	479363.09	3856877.25	0.00869	0.00855	0.00913	0.00595	7.88E-04	3.6E-05	1.7E-07	1.4E-05	0.00084	9.94E-04	4.57E-05	1.45E-07	8.05E-06	1.05E-03	0.00098	3.93E-05	1.19E-07	8.54E-06	0.001028
4287	479863.09	3856877.25	0.02486	0.02527	0.02565	0.01219	2.25E-03	0.00011	4.8E-07	2.8E-05	0.00239	2.84E-03	0.000135	4.08E-07	1.65E-05	3.00E-03	0.002803	0.000116	3.33E-07	1.75E-05	0.002937
4288	480363.09	3856877.25	0.04009	0.04392	0.04059	0.01996	3.63E-03	0.00019	7.6E-07	4.6E-05	0.00387	4.59E-03	0.000235	6.45E-07	2.7E-05	4.85E-03	0.00452	0.000202	5.27E-07	2.87E-05	0.004751
4289	480863.09	3856877.25	0.05291	0.05662	0.05407	0.03151	4.79E-03	0.00024	1E-06	7.3E-05	0.00511	6.05E-03	0.000302	8.59E-07	4.26E-05	6.40E-03	0.005966	0.00026	7.02E-07	4.53E-05	0.006272
4290	481363.09	3856877.25	0.06426	0.06131	0.06571	0.0451	5.82E-03	0.00026	1.2E-06	0.0001	0.00619	7.35E-03	0.000327	1.04E-06	6.1E-05	7.74E-03	0.007245	0.000282	8.53E-07	6.48E-05	0.007592
4291	481863.09	3856877.25	0.07549	0.06868	0.07772	0.05856	6.84E-03	0.00029	1.5E-06	0.00014	0.00727	8.63E-03	0.000367	1.24E-06	7.92E-05	9.08E-03	0.008511	0.000315	1.01E-06	8.41E-05	0.008912
4292	482363.09	3856877.25	0.08413	0.07619	0.08706	0.08034	7.62E-03	0.00032	1.6E-06	0.00019	0.00813	9.62E-03	0.000407	1.38E-06	0.000109	1.01E-02	0.009486	0.00035	1.13E-06	0.000115	0.009952
4293	482863.09	3856877.25	0.09871	0.09134	0.10391	0.09882	8.95E-03	0.00039	1.9E-06	0.00023	0.00956	1.13E-02	0.000488	1.65E-06	0.000134	1.19E-02	0.01113	0.000419	1.35E-06	0.000142	0.011692
4294	483363.09	3856877.25	0.11906	0.10725	0.13	0.12446	1.08E-02	0.00045	2.4E-06	0.00029	0.01153	1.36E-02	0.000573	2.07E-06	0.000168	1.44E-02	0.013424	0.000493	1.69E-06	0.000179	0.014097
4295	483863.09	3856877.25	0.14635	0.11757	0.16536	0.16318	1.33E-02	0.0005	3.1E-06	0.00038	0.01414	1.67E-02	0.000628	2.63E-06	0.000221	1.76E-02	0.016501	0.00054	2.15E-06	0.000234	0.017277
4296	484363.09	3856877.25	0.18317	0.1263	0.215	0.21922	1.66E-02	0.00053	4E-06	0.00051	0.01765	2.10E-02	0.000674	3.42E-06	0.000296	2.19E-02	0.020652	0.00058	2.79E-06	0.000315	0.02155
4297	484863.09	3856877.25	0.23457	0.14769	0.28199	0.29868	2.13E-02	0.00062	5.3E-06	0.00069	0.02258	2.68E-02	0.000789	4.48E-06	0.000404	2.80E-02	0.026448	0.000678	3.66E-06	0.000429	0.027559
4298	485363.09	3856877.25	0.33156	0.18499	0.40904	0.43073	3.00E-02	0.00078	7.7E-06	0.001	0.03183	3.79E-02	0.000988	6.5E-06	0.000582	3.95E-02	0.037383	0.00085	5.31E-06	0.000619	0.038857
4299	485863.09	3856877.25	0.54439	0.24562	0.68354	0.65234	4.93E-02	0.00104	1.3E-05	0.00151	0.0519	6.23E-02	0.001311	1.09E-05	0.000882	6.45E-02	0.06138	0.001128	8.87E-06	0.000937	0.063453
4300	486363.09	3856877.25	2.4608	0.37256	2.59484	0.65257	2.23E-01	0.00158	4.9E-05	0.00151	0.22614	2.81E-01	0.001989	4.12E-05	0.000882	2.84E-01	0.277454	0.001711	3.37E-05	0.000937	0.280136
4301	486863.09	3856877.25	3.58362	0.55922	6.88573	2.61105	3.25E-01	0.00237	0.00013	0.00605	0.3333	4.10E-01	0.002986	0.000109	0.00353	4.17E-01	0.404052	0.002568	8.94E-05	0.00375	0.410459
4302	487363.09	3856877.25	1.4862	0.65475	2.07463	1.20216	1.35E-01	0.00277	3.9E-05	0.00278	0.14028	1.70E-01	0.003496	3.3E-05	0.001625	1.75E-01	0.167569	0.003007	2.69E-05	0.001726	0.172329
4303	487863.09	3856877.25	0.88519	0.95087	1.22459	0.93842	8.02E-02	0.00402	2.3E-05	0.00217	0.08644	1.01E-01	0.005077	1.95E-05	0.001269	1.08E-01	0.099805	0.004367	1.59E-05	0.001348	0.105535
4304	488363.09	3856877.25	0.63968	0.91576	0.8363	0.77894	5.80E-02	0.00387	1.6E-05	0.0018	0.06366	7.32E-02	0.00489	1.33E-05	0.001053	7.91E-02	0.072124	0.004206	1.09E-05	0.001119	0.077459
4305	488863.09	3856877.25	0.50255	0.75918	0.62584	0.64085	4.55E-02	0.00321	1.2E-05	0.00148	0.05025	5.75E-02	0.004054	9.95E-06	0.000866	6.24E-02	0.056662	0.003486	8.12E-06	0.00092	0.061077
4306	489363.09	3856877.25	0.41144	0.60766	0.4918	0.5401	3.73E-02	0.00257	9.2E-06	0.00125	0.04112	4.71E-02	0.003245	7.82E-06	0.00073	5.10E-02	0.04639	0.002791	6.38E-06	0.000776	0.049962
4307	489863.09	3856877.25	0.34587	0.49259	0.40084	0.45331	3.13E-02	0.00208	7.5E-06	0.00105	0.03448	3.96E-02	0.00263	6.37E-06	0.000613	4.28E-02	0.038997	0.002262	5.2E-06	0.000651	0.041915
4308	490363.09	3856877.25	0.29612	0.40619	0.33514	0.3753	2.68E-02	0.00172	6.3E-06	0.00087	0.02943	3.39E-02	0.002169	5.33E-06	0.000507	3.66E-02	0.033387	0.001865	4.35E-06	0.000539	0.035796
4309	490863.09	3856877.25	0.25655	0.33966	0.2851	0.31663	2.32E-02	0.00144	5.3E-06	0.00073	0.02542	2.93E-02	0.001814	4.53E-06	0.000428	3.16E-02	0.028926	0.00156	3.7E-06	0.000455	0.030944
4310	491363.09	3856877.25	0.22512	0.28904	0.24673	0.26913	2.04E-02	0.00122	4.6E-06	0.00062	0.02225	2.57E-02	0.001543	3.92E-06	0.000364	2.77E-02	0.025382	0.001327	3.2E-06	0.000386	0.027099
4311	491863.09	3856877.25	0.19893	0.24804	0.21632	0.22741	1.80E-02	0.00105	4E-06	0.00053	0.01961	2.28E-02	0.001324	3.44E-06	0.000307	2.44E-02	0.022429	0.001139	2.81E-06	0.000327	0.023898
4312	492363.09	3856877.25	0.16455	0.19947	0.18105	0.16442	1.49E-02	0.00084	3.4E-06	0.00038	0.01614	1.88E-02	0.001065	2.88E-06	0.000222	2.01E-02	0.018553	0.000916	2.35E-06	0.000236	0.019707
4313	492863.09	3856877.25	0.12947	0.15229	0.14215	0.12278	1.17E-02	0.00064	2.7E-06	0.00028	0.01266	1.48E-02	0.000813	2.26E-06	0.000166	1.58E-02	0.014598	0.000699	1.85E-06	0.000176	0.015475
4314	493363.09	3856877.25	0.09273	0.10587	0.10068	0.0887	8.40E-03	0.00045	1.9E-06	0.00021	0.00906	1.06E-02	0.000565	1.6E-06	0.00012	1.13E-02	0.010455	0.000486	1.31E-06	0.000127	0.01107
4315	493863.09	3856877.25	0.06139	0.06876	0.06595	0.06227	5.56E-03	0.00029	1.2E-06	0.00014	0.006	7.02E-03	0.000367	1.05E-06	8.42E-05	7.47E-03	0.006922	0.000316	8.56E-07	8.94E-05	0.007328
4316	494363.09	3856877.25	0.04267	0.04735	0.04509	0.04565	3.87E-03	0.0002	8.4E-07	0.00011	0.00417	4.88E-03	0.000253	7.17E-07	6.17E-05	5.20E-03	0.004811	0.000217	5.85E-07	6.56E-05	0.005095
4317	494863.09	3856877.25	0.03499	0.03856	0.03664	0.03792	3.17E-03	0.00016	6.9E-07	8.8E-05	0.00342	4.00E-03	0.000206	5.82E-07	5.13E-05	4.26E-03	0.003945	0.000177	4.76E-07	5.45E-05	0.004177
4318	495363.09	3856877.25	0.03076	0.03369	0.032	0.03328	2.79E-03	0.00014	6E-07	7.7E-05	0.00301	3.52E-03	0.00018	5.09E-07	4.5E-05	3.74E-03	0.003468	0.000155	4.15E-07	4.78E-05	0.003671
4319	495863.09	3856877.25	0.02933	0.03203	0.03047	0.03145	2.66E-03	0.00014	5.7E-07	7.3E-05	0.00287	3.35E-03	0.000171	4.84E-07	4.25E-05	3.57E-03	0.003307	0.000147	3.96E-07	4.52E-05	0.0035
4320	496363.09	3856877.25	0.02849	0.03102	0.02954	0.03022	2.58E-03	0.00013	5.5E-07	7E-05	0.00278	3.26E-03	0.000166	4.69E-07	4.09E-05	3.47E-03	0.003212	0.000142	3.83E-07	4.34E-05	0.003398
4321	496863.09	3856877.25	0.02878	0.03128	0.0297	0.02996	2.61E-03	0.00013	5.6E-07	6.9E-05	0.00281	3.29E-03	0.000167	4.72E-07	4.05E-05	3.50E-03	0.003245	0.000144	3.86E-07	4.3E-05	0.003432
4322	497363.09	3856877.25	0.0301	0.03263	0.03108	0.03058	2.73E-03	0.00014	5.8E-07	7.1E-05	0.00294	3.44E-03	0.000174	4.94E-07	4.13E-05	3.66E-03	0.003394	0.00015	4.03E-07	4.39E-05	0.003588
4323	497863.09	3856877.25	0.03372	0.03655	0.03493	0.03312	3.06E-03	0.00015	6.5E-07	7.7E-05	0.00329	3.86E-03	0.000195	5.55E-07	4.48E-05	4.10E-03	0.003802	0.000168	4.53E-07	4.76E-05	0.004018
4324	498363.09	3856877.25	0.03814	0.04142	0.03961	0.03636	3.46E-03	0.00018	7.4E-07	8.4E-05	0.00372	4.36E-03	0.000221	6.3E-07	4.92E-05	4.63E-03	0.0043	0.00019	5.14E-07	5.22E-05	0.004543
4325	471363.09	3857377.25	0.00841	0.0083	0.00841	0.00624	7.62E-04	3.5E-05	1.6E-07	1.4E-05	0.00081	9.62E-04	4.43E-05	1.34E-07	8.44E-06	1.01E-03	0.000948	3.81E-05	1.09E-07	8.96E-06	0.000995
4326	471863.09	3857377.25	0.00872	0.0086	0.00873	0.00632	7.90E-04	3.6E-05	1.6E-07	1.5E-05	0.00084	9.97E-04	4.59E-05	1.39E-07	8.55E-06	1.05E-03	0.000983	3.95E-05	1.13E-07	9.08E-06	0.001032
4327	472363.09	3857377.25	0.00924	0.00908	0.00925	0.00663	8.37E-04	3.8E-05	1.7E-07	1.5E-05	0.00089	1.06E-03	4.85E-05	1.47E-07	8.96E-06	1.11E-03	0.001042	4.17E-05	1.2E-07	9.52E-06	0.001093

4328	472863.09	3857377.25	0.00991	0.00967	0.0099	0.00709	8.98E-04	4.1E-05	1.9E-07	1.6E-05	0.00096	1.13E-03	5.16E-05	1.57E-07	9.59E-06	1.19E-03	0.001117	4.44E-05	1.29E-07	1.02E-05	0.001172
4329	473363.09	3857377.25	0.01077	0.01041	0.01072	0.00776	9.76E-04	4.4E-05	2E-07	1.8E-05	0.00104	1.23E-03	5.56E-05	1.7E-07	1.05E-05	1.30E-03	0.001214	4.78E-05	1.39E-07	1.11E-05	0.001273
4330	473863.09	3857377.25	0.01182	0.01134	0.01169	0.00867	1.07E-03	4.8E-05	2.2E-07	2E-05	0.00114	1.35E-03	6.06E-05	1.86E-07	1.17E-05	1.42E-03	0.001333	5.21E-05	1.52E-07	1.25E-05	0.001397
4331	474363.09	3857377.25	0.01167	0.01132	0.01164	0.00788	1.06E-03	4.8E-05	2.2E-07	1.8E-05	0.00112	1.33E-03	6.04E-05	1.85E-07	1.07E-05	1.41E-03	0.001316	5.2E-05	1.51E-07	1.13E-05	0.001379
4332	474863.09	3857377.25	0.00955	0.00948	0.00975	0.00585	8.65E-04	4E-05	1.8E-07	1.4E-05	0.00092	1.09E-03	5.06E-05	1.55E-07	7.91E-06	1.15E-03	0.001077	4.35E-05	1.27E-07	8.4E-06	0.001129
4333	475363.09	3857377.25	0.00673	0.00678	0.00698	0.0043	6.10E-04	2.9E-05	1.3E-07	1E-05	0.00065	7.70E-04	3.62E-05	1.11E-07	5.81E-06	8.12E-04	0.000759	3.11E-05	9.06E-08	6.18E-06	0.000796
4334	475863.09	3857377.25	0.00628	0.0063	0.00652	0.00408	5.69E-04	2.7E-05	1.2E-07	9.5E-06	0.00061	7.18E-04	3.36E-05	1.04E-07	5.52E-06	7.58E-04	0.000708	2.89E-05	8.46E-08	5.86E-06	0.000743
4335	476363.09	3857377.25	0.00852	0.00858	0.00876	0.00515	7.72E-04	3.6E-05	1.6E-07	1.2E-05	0.00082	9.75E-04	4.58E-05	1.39E-07	6.96E-06	1.03E-03	0.000961	3.94E-05	1.14E-07	7.4E-06	0.001008
4336	476863.09	3857377.25	0.00926	0.00944	0.00942	0.00551	8.39E-04	4E-05	1.8E-07	1.3E-05	0.00089	1.06E-03	5.04E-05	1.5E-07	7.45E-06	1.12E-03	0.001044	4.34E-05	1.22E-07	7.91E-06	0.001095
4337	477363.09	3857377.25	0.00807	0.00818	0.00841	0.00508	7.31E-04	3.5E-05	1.6E-07	1.2E-05	0.00078	9.23E-04	4.37E-05	1.34E-07	6.87E-06	9.74E-04	0.00091	3.76E-05	1.09E-07	7.3E-06	0.000955
4338	477863.09	3857377.25	0.00592	0.00589	0.00618	0.00421	5.36E-04	2.5E-05	1.2E-07	9.8E-06	0.00057	6.77E-04	3.14E-05	9.82E-08	5.69E-06	7.14E-04	0.000667	2.7E-05	8.02E-08	6.05E-06	0.000701
4339	478363.09	3857377.25	0.00447	0.00437	0.00461	0.00358	4.05E-04	1.8E-05	8.6E-08	8.3E-06	0.00043	5.11E-04	2.33E-05	7.33E-08	4.84E-06	5.40E-04	0.000504	2.01E-05	5.98E-08	5.14E-06	0.000529
4340	478863.09	3857377.25	0.00383	0.00376	0.0039	0.00326	3.47E-04	1.6E-05	7.3E-08	7.6E-06	0.00037	4.38E-04	2.01E-05	6.2E-08	4.41E-06	4.63E-04	0.000432	1.73E-05	5.06E-08	4.68E-06	0.000454
4341	479363.09	3857377.25	0.0065	0.00659	0.00668	0.00468	5.89E-04	2.8E-05	1.3E-07	1.1E-05	0.00063	7.43E-04	3.52E-05	1.06E-07	6.33E-06	7.85E-04	0.000733	3.03E-05	8.67E-08	6.72E-06	0.00077
4342	479863.09	3857377.25	0.02045	0.02145	0.02156	0.01019	1.85E-03	9.1E-05	4E-07	2.4E-05	0.00197	2.34E-03	0.000115	3.43E-07	1.38E-05	2.47E-03	0.002306	9.85E-05	2.8E-07	1.46E-05	0.002419
4343	480363.09	3857377.25	0.01647	0.01638	0.01748	0.00894	1.49E-03	6.9E-05	3.3E-07	2.1E-05	0.00158	1.88E-03	8.75E-05	2.78E-07	1.21E-05	1.98E-03	0.001857	7.52E-05	2.27E-07	1.28E-05	0.001945
4344	480863.09	3857377.25	0.0492	0.04421	0.05106	0.03188	4.46E-03	0.00019	9.6E-07	7.4E-05	0.00472	5.63E-03	0.000236	8.12E-07	4.31E-05	5.91E-03	0.005547	0.000203	6.63E-07	4.58E-05	0.005797
4345	481363.09	3857377.25	0.0559	0.05068	0.05848	0.03515	5.07E-03	0.00021	1.1E-06	8.1E-05	0.00536	6.39E-03	0.000271	9.29E-07	4.75E-05	6.71E-03	0.006303	0.000233	7.59E-07	5.05E-05	0.006587
4346	481863.09	3857377.25	0.06733	0.06004	0.07029	0.04913	6.10E-03	0.00025	1.3E-06	0.00011	0.00647	7.70E-03	0.000321	1.12E-06	6.64E-05	8.09E-03	0.007591	0.000276	9.12E-07	7.06E-05	0.007939
4347	482363.09	3857377.25	0.07642	0.06911	0.07979	0.07174	6.93E-03	0.00029	1.5E-06	0.00017	0.00739	8.74E-03	0.000369	1.27E-06	9.7E-05	9.21E-03	0.008616	0.000317	1.04E-06	0.000103	0.009038
4348	482863.09	3857377.25	0.08596	0.07797	0.09135	0.08746	7.79E-03	0.00033	1.7E-06	0.0002	0.00832	9.83E-03	0.000416	1.45E-06	0.000118	1.04E-02	0.009692	0.000358	1.19E-06	0.000126	0.010177
4349	483363.09	3857377.25	0.09972	0.08532	0.10897	0.10757	9.04E-03	0.00036	2E-06	0.00025	0.00965	1.14E-02	0.000456	1.73E-06	0.000145	1.20E-02	0.011243	0.000392	1.41E-06	0.000154	0.011791
4350	483863.09	3857377.25	0.11825	0.09497	0.13183	0.13514	1.07E-02	0.0004	2.5E-06	0.00031	0.01143	1.35E-02	0.000507	2.1E-06	0.000183	1.42E-02	0.013333	0.000436	1.71E-06	0.000194	0.013965
4351	484363.09	3857377.25	0.14064	0.10348	0.16	0.17078	1.27E-02	0.00044	3E-06	0.0004	0.01358	1.61E-02	0.000553	2.54E-06	0.000231	1.69E-02	0.015857	0.000475	2.08E-06	0.000245	0.01658
4352	484863.09	3857377.25	0.17115	0.12549	0.19601	0.21831	1.55E-02	0.00053	3.7E-06	0.00051	0.01655	1.96E-02	0.00067	3.12E-06	0.000295	2.05E-02	0.019297	0.000576	2.54E-06	0.000314	0.020189
4353	485363.09	3857377.25	0.21454	0.16298	0.24657	0.28492	1.94E-02	0.00069	4.6E-06	0.00066	0.0208	2.45E-02	0.00087	3.92E-06	0.000385	2.58E-02	0.024189	0.000748	3.2E-06	0.000409	0.02535
4354	485863.09	3857377.25	0.2852	0.24416	0.32419	0.39094	2.58E-02	0.00103	6.1E-06	0.00091	0.02779	3.26E-02	0.001304	5.15E-06	0.000529	3.45E-02	0.032156	0.001121	4.21E-06	0.000561	0.033843
4355	486363.09	3857377.25	0.44873	0.49155	0.48967	0.55792	4.07E-02	0.00208	9.2E-06	0.00129	0.04405	5.13E-02	0.002625	7.78E-06	0.000754	5.47E-02	0.050594	0.002257	6.36E-06	0.000801	0.053659
4356	486863.09	3857377.25	1.34895	2.69031	0.81523	0.6032	1.22E-01	0.01138	1.5E-05	0.0014	0.13504	1.54E-01	0.014365	1.3E-05	0.000816	1.69E-01	0.152094	0.012355	1.06E-05	0.000866	0.165325
4357	487363.09	3857377.25	1.99698	16.5272	1.59257	3.15388	1.81E-01	0.06992	3E-05	0.0073	0.25822	2.28E-01	0.088247	2.53E-05	0.004264	3.21E-01	0.225159	0.075899	2.07E-05	0.004529	0.305608
4358	487863.09	3857377.25	0.95279	3.88109	1.10244	1.59081	8.63E-02	0.01642	2.1E-05	0.00368	0.10647	1.09E-01	0.020723	1.75E-05	0.002151	1.32E-01	0.107427	0.017823	1.43E-05	0.002284	0.127549
4359	488363.09	3857377.25	0.67071	1.75305	0.70283	1.1317	6.08E-02	0.00742	1.3E-05	0.00262	0.07083	7.67E-02	0.00936	1.12E-05	0.00153	8.76E-02	0.075622	0.008051	9.12E-06	0.001625	0.085307
4360	488863.09	3857377.25	0.51025	1.0416	0.51335	0.85751	4.62E-02	0.00441	9.6E-06	0.00199	0.05264	5.84E-02	0.005562	8.16E-06	0.001159	6.51E-02	0.057531	0.004783	6.66E-06	0.001231	0.063552
4361	489363.09	3857377.25	0.40764	0.71479	0.40392	0.66302	3.69E-02	0.00302	7.6E-06	0.00154	0.04151	4.66E-02	0.003817	6.42E-06	0.000896	5.13E-02	0.045961	0.003283	5.24E-06	0.000952	0.050201
4362	489863.09	3857377.25	0.33833	0.53591	0.33435	0.51551	3.07E-02	0.00227	6.3E-06	0.00119	0.03413	3.87E-02	0.002862	5.31E-06	0.000697	4.23E-02	0.038147	0.002461	4.34E-06	0.00074	0.041352
4363	490363.09	3857377.25	0.28674	0.42033	0.28343	0.41083	2.60E-02	0.00178	5.3E-06	0.00095	0.02872	3.28E-02	0.002244	4.5E-06	0.000555	3.56E-02	0.03233	0.00193	3.68E-06	0.00059	0.034854
4364	490863.09	3857377.25	0.24739	0.34072	0.2443	0.33624	2.24E-02	0.00144	4.6E-06	0.00078	0.02464	2.83E-02	0.001819	3.88E-06	0.000455	3.06E-02	0.027893	0.001565	3.17E-06	0.000483	0.029944
4365	491363.09	3857377.25	0.21615	0.28343	0.21362	0.28102	1.96E-02	0.0012	4E-06	0.00065	0.02144	2.47E-02	0.001513	3.4E-06	0.00038	2.66E-02	0.024371	0.001302	2.77E-06	0.000404	0.026079
4366	491863.09	3857377.25	0.18953	0.23859	0.19024	0.22612	1.72E-02	0.00101	3.6E-06	0.00052	0.01871	2.17E-02	0.001274	3.02E-06	0.000306	2.33E-02	0.021369	0.001096	2.47E-06	0.000325	0.022792
4367	492363.09	3857377.25	0.14813	0.17993	0.15445	0.14996	1.34E-02	0.00076	2.9E-06	0.00035	0.01454	1.69E-02	0.000961	2.45E-06	0.000203	1.81E-02	0.016702	0.000826	2E-06	0.000215	0.017745
4368	492863.09	3857377.25	0.10274	0.11986	0.10748	0.10164	9.31E-03	0.00051	2E-06	0.00024	0.01006	1.18E-02	0.00064	1.71E-06	0.000137	1.25E-02	0.011584	0.00055	1.4E-06	0.000146	0.012282
4369	493363.09	3857377.25	0.06864	0.07832	0.0713	0.07096	6.22E-03	0.00033	1.3E-06	0.00016	0.00672	7.85E-03	0.000418	1.13E-06	9.59E-05	8.37E-03	0.007739	0.00036	9.26E-07	0.000102	0.008202
4370	493863.09	3857377.25	0.05544	0.06246	0.05716	0.05817	5.02E-03	0.00026	1.1E-06	0.00013	0.00542	6.34E-03	0.000334	9.08E-07	7.87E-05	6.75E-03	0.006251	0.000287	7.42E-07	8.35E-05	0.006622
4371	494363.09	3857377.25	0.04409	0.04923	0.0448	0.04707	4.00E-03	0.00021	8.4E-07	0.00011	0.00431	5.04E-03	0.000263	7.12E-07	6.36E-05	5.37E-03	0.004971	0.000226	5.82E-07	6.76E-05	0.005265
4372	494863.09	3857377.25	0.03871	0.04298	0.03919	0.04138	3.51E-03	0.00018	7.3E-07	9.6E-05	0.00379	4.43E-03	0.000229	6.23E-07	5.6E-05	4.71E-03	0.004365	0.000197	5.09E-07	5.94E-05	0.004622
4373	495363.09	3857377.25	0.03462	0.03823	0.0351	0.03704	3.14E-03	0.00016	6.6E-07	8.6E-05	0.00339	3.96E-03	0.000204	5.58E-07	5.01E-05	4.21E-03	0.003903	0.000176	4.56E-07	5.32E-05	0.004133
4374	495863.09	3857377.25	0.03308	0.03635	0.03354	0.03493	3.00E-03	0.00015	6.3E-07	8.1E-05	0.00323	3.78E-03	0.000194	5.33E-07	4.72E-05	4.03E-03	0.00373	0.000167	4.35E-07	5.02E-05	0.003947
4375	496363.09	3857377.25	0.03222	0.03524	0.03269	0.03353	2.92E-03	0.00015	6.1E-07	7.8E-05	0.00315	3.69E-03	0.000188	5.2E-07	4.53E-05	3.92E-03	0.003633	0.000162	4.24E-07	4.82E-05	0.003843
4376	496863.09	3857377.25	0.03189	0.03475	0.03228	0.03259	2.89E-03	0.00015	6E-07	7.5E-05	0.00311	3.65E-03	0.000186	5.13E-07	4.41E-05	3.88E-03	0.003596	0.00016	4.19E-07	4.68E-05	0.003802
4377	497363.09	3857377.25	0.03317	0.03612	0.03386	0.03322	3.01E-03	0.00015	6.3E-07	7.7E-05	0.00324	3.79E-03	0.000193	5.38E-07	4.49E-05	4.03E-03	0.00374	0.000166	4.4E-07	4.77E-05	0.003954
4378	497863.09	3857377.25	0.03578	0.03902	0.03652	0.03485	3.24E-03	0.00017	6.8E-07	8.1E-05	0.00349	4.09E-03	0.000208	5.8E-07	4.71E-05	4.35E-03	0.004034	0.000179	4.74E-07	5E-05	0.004264
4379	498363.09	3857377.25	0.04327	0.04731	0.04442	0.04071	3.92E-03	0.0002	8.3E-07	9.4E-05	0.00422	4.95E-03	0.000253	7.06E-07	5.5E-05	5.26E-03	0.004879	0.000217	5.77E-07	5.85E-05	0.005155
4380	471363.09	3857877.25	0.00847	0.0075	0.00855	0.00622	7.68E-04	3.2E-05	1.6E-07	1.4E-05	0.00081	9.69E-04	4E-05	1.36E-07	8.41E-06	1.02E-03	0.000955	3.44E-05	1.11E-07	8.93E-06	0.000998
4381	471863.09	3857877.25	0.00885	0.00784	0.00893	0.00638	8.02E-04	3.3E-05	1.7E-07	1.5E-05	0.00085	1.01E-03	4.19E-05	1.42E-07	8.63E-06	1.06E-03	0.000998	3.6E-05	1.16E-07	9.16E-06	0.001043
4382	472363.09	3857877.25	0.00939	0.00837	0.00945	0.00671	8.51E-04	3.5E-05	1.8E-07	1.6E-05	0.0009	1.07E-03	4.47E-05	1.5E-07	9.07E-06	1.13E-03	0.001059	3.84E-05	1.23E-07	9.64E-06	0.001107
4383	472863.09	3857877.25	0.01021	0.00918	0.0102	0.00736	9.25E-04	3.9E-05	1.9E-07	1.7E-05	0.00098	1.17E-03	4.9E-05	1.62E-07	9.95E-06	1.23E-03	0.001151	4.22E-05	1.32E-07	1.06E-05	0.001204
4384	473363.09	3857877.25	0.01089	0.00993	0.01086	0.00775	9.87E-04	4.2E-05	2E-07	1.8E-05	0.00105	1.25E-03	5.3E-05	1.73E-07	1.05E-05	1.31E-03	0.001228	4.56E-05	1.41E-07	1.11E-05	0.001285
4385	473863.09	3857877.25	0.01185	0.01096	0.01174	0.00845	1.07E-03	4.6E-05	2.2E-07	2E-05	0.00114	1.36E-03	5.85E-05	1.87E-07	1.14E-05	1.43E-03	0.001336	5.03E-05	1.52E-07	1.21E-05	0.001399
4386	474363.09	3857877.25	0.01158	0.01098	0.01161	0.00742	1.05E-03	4.6E-05	2.2E-07	1.7E-05	0.00111	1.32E-03	5.86E-05	1.85E-07	1E-05	1.39E-03	0.001306	5.04E-05	1.51E-07	1.07E-05	0.001367
4387	474863.09	3857877.25	0.00914	0.00891	0.0094	0.00534	8.28E-04	3.8E-05	1.8E-07	1.2E-05	0.00088	1.05E-03	4.76E-05	1.49E-07	7.22E-06	1.10E-03	0.001031	4.09E-05	1.22E-07	7.67E-06	0.001079
4388	475363.09	3857877.25	0.00504	0.00501	0.00525	0.00338	4.57E-04	2.1E-05	9.8E-08	7.8E-06	0.00049	5.76E-04	2.68E-05	8.34E-08	4.57E-06	6.08E-04	0.000568	2.3E-05	6.81E-08	4.85E-06	0.000596

4389	475863.09	3857877.25	0.00225	0.00218	0.00228	0.00198	2.04E-04	9.2E-06	4.3E-08	4.6E-06	0.00022	2.57E-04	1.16E-05	3.62E-08	2.68E-06	2.72E-04	0.000254	1E-05	2.96E-08	2.84E-06	0.000267
4390	476363.09	3857877.25	0.00585	0.00579	0.00614	0.00383	5.30E-04	2.4E-05	1.1E-07	8.9E-06	0.00056	6.69E-04	3.09E-05	9.76E-08	5.18E-06	7.05E-04	0.00066	2.66E-05	7.97E-08	5.5E-06	0.000692
4391	476863.09	3857877.25	0.00751	0.00726	0.00782	0.00461	6.81E-04	3.1E-05	1.5E-07	1.1E-05	0.00072	8.59E-04	3.88E-05	1.24E-07	6.23E-06	9.04E-04	0.000847	3.33E-05	1.02E-07	6.62E-06	0.000887
4392	477363.09	3857877.25	0.00737	0.00701	0.00774	0.0046	6.68E-04	3E-05	1.4E-07	1.1E-05	0.00071	8.43E-04	3.74E-05	1.23E-07	6.22E-06	8.87E-04	0.000831	3.22E-05	1E-07	6.61E-06	0.00087
4393	477863.09	3857877.25	0.00711	0.00688	0.00737	0.00453	6.44E-04	2.9E-05	1.4E-07	1E-05	0.00068	8.13E-04	3.67E-05	1.17E-07	6.13E-06	8.56E-04	0.000802	3.16E-05	9.57E-08	6.51E-06	0.00084
4394	478363.09	3857877.25	0.00377	0.00376	0.0038	0.00299	3.42E-04	1.6E-05	7.1E-08	6.9E-06	0.00036	4.31E-04	2.01E-05	6.04E-08	4.04E-06	4.55E-04	0.000425	1.73E-05	4.93E-08	4.29E-06	0.000447
4395	478863.09	3857877.25	0.00308	0.00304	0.00308	0.0026	2.79E-04	1.3E-05	5.8E-08	6E-06	0.0003	3.52E-04	1.62E-05	4.9E-08	3.52E-06	3.72E-04	0.000347	1.4E-05	4E-08	3.73E-06	0.000365
4396	479363.09	3857877.25	0.01834	0.01844	0.01978	0.00918	1.66E-03	7.8E-05	3.7E-07	2.1E-05	0.00176	2.10E-03	9.85E-05	3.14E-07	1.24E-05	2.21E-03	0.002068	8.47E-05	2.57E-07	1.32E-05	0.002166
4397	479863.09	3857877.25	0.03316	0.03038	0.03528	0.01954	3.01E-03	0.00013	6.6E-07	4.5E-05	0.00318	3.79E-03	0.000162	5.61E-07	2.64E-05	3.98E-03	0.003739	0.00014	4.58E-07	2.81E-05	0.003907
4398	480363.09	3857877.25	0.03988	0.03643	0.04187	0.0273	3.61E-03	0.00015	7.8E-07	6.3E-05	0.00383	4.56E-03	0.000195	6.65E-07	3.69E-05	4.79E-03	0.004496	0.000167	5.43E-07	3.92E-05	0.004704
4399	480863.09	3857877.25	0.04509	0.04142	0.0474	0.03104	4.09E-03	0.00018	8.9E-07	7.2E-05	0.00433	5.16E-03	0.000221	7.53E-07	4.2E-05	5.42E-03	0.005084	0.00019	6.15E-07	4.46E-05	0.005319
4400	481363.09	3857877.25	0.05127	0.04684	0.05406	0.03584	4.65E-03	0.0002	1E-06	8.3E-05	0.00493	5.86E-03	0.00025	8.59E-07	4.85E-05	6.16E-03	0.005781	0.000215	7.02E-07	5.15E-05	0.006048
4401	481863.09	3857877.25	0.05964	0.05591	0.06272	0.04406	5.40E-03	0.00024	1.2E-06	0.0001	0.00574	6.82E-03	0.000299	9.97E-07	5.96E-05	7.18E-03	0.006724	0.000257	8.14E-07	6.33E-05	0.007045
4402	482363.09	3857877.25	0.06905	0.06441	0.07275	0.06045	6.26E-03	0.00027	1.4E-06	0.00014	0.00667	7.90E-03	0.000344	1.16E-06	8.17E-05	8.32E-03	0.007785	0.000296	9.44E-07	8.68E-05	0.008169
4403	482863.09	3857877.25	0.07395	0.06761	0.07873	0.0775	6.70E-03	0.00029	1.5E-06	0.00018	0.00717	8.46E-03	0.000361	1.25E-06	0.000105	8.93E-03	0.008338	0.00031	1.02E-06	0.000111	0.008761
4404	483363.09	3857877.25	0.08387	0.07241	0.09065	0.09281	7.60E-03	0.00031	1.7E-06	0.00021	0.00812	9.59E-03	0.000387	1.44E-06	0.000125	1.01E-02	0.009456	0.000333	1.18E-06	0.000133	0.009923
4405	483863.09	3857877.25	0.0966	0.08092	0.10574	0.1116	8.75E-03	0.00034	2E-06	0.00026	0.00936	1.10E-02	0.000432	1.68E-06	0.000151	1.16E-02	0.010892	0.000372	1.37E-06	0.00016	0.011425
4406	484363.09	3857877.25	0.11122	0.08946	0.12274	0.13507	1.01E-02	0.00038	2.3E-06	0.00031	0.01077	1.27E-02	0.000478	1.95E-06	0.000183	1.34E-02	0.01254	0.000411	1.59E-06	0.000194	0.013146
4407	484863.09	3857877.25	0.12954	0.10929	0.14191	0.16413	1.17E-02	0.00046	2.7E-06	0.00038	0.01258	1.48E-02	0.000584	2.26E-06	0.000222	1.56E-02	0.014606	0.000502	1.84E-06	0.000236	0.015345
4408	485363.09	3857877.25	0.15284	0.14732	0.16389	0.20113	1.39E-02	0.00062	3.1E-06	0.00047	0.01494	1.75E-02	0.000787	2.6E-06	0.000272	1.85E-02	0.017233	0.000677	2.13E-06	0.000289	0.0182
4409	485863.09	3857877.25	0.18549	0.21135	0.18775	0.2557	1.68E-02	0.00089	3.5E-06	0.00059	0.0183	2.12E-02	0.001129	2.98E-06	0.000346	2.27E-02	0.020914	0.000971	2.44E-06	0.000367	0.022254
4410	486363.09	3857877.25	0.23628	0.31508	0.21662	0.34003	2.14E-02	0.00133	4.1E-06	0.00079	0.02354	2.70E-02	0.001682	3.44E-06	0.00046	2.92E-02	0.02664	0.001447	2.81E-06	0.000488	0.028579
4411	486863.09	3857877.25	0.33059	0.50408	0.23089	0.50222	3.00E-02	0.00213	4.3E-06	0.00116	0.03326	3.78E-02	0.002692	3.67E-06	0.000679	4.12E-02	0.037274	0.002315	3E-06	0.000721	0.040313
4412	487363.09	3857877.25	0.75684	0.54507	0.26205	0.99265	6.86E-02	0.00231	4.9E-06	0.0023	0.0732	8.66E-02	0.00291	4.16E-06	0.001342	9.08E-02	0.085333	0.002503	3.4E-06	0.001425	0.089266
4413	487863.09	3857877.25	1.26114	0.63091	0.29332	4.30046	1.14E-01	0.00267	5.5E-06	0.00996	0.12692	1.44E-01	0.003369	4.66E-06	0.005815	1.53E-01	0.142193	0.002897	3.81E-06	0.006176	0.15127
4414	488363.09	3857877.25	0.63916	0.66623	0.30968	1.85268	5.79E-02	0.00282	5.8E-06	0.00429	0.06504	7.31E-02	0.003557	4.92E-06	0.002505	7.92E-02	0.072065	0.00306	4.02E-06	0.002661	0.077789
4415	488863.09	3857877.25	0.45685	0.57074	0.28861	0.99179	4.14E-02	0.00241	5.4E-06	0.0023	0.04612	5.23E-02	0.003047	4.59E-06	0.001341	5.66E-02	0.05151	0.002621	3.75E-06	0.001424	0.055559
4416	489363.09	3857877.25	0.36583	0.48267	0.26273	0.6527	3.32E-02	0.00204	4.9E-06	0.00151	0.03671	4.18E-02	0.002577	4.18E-06	0.000883	4.53E-02	0.041247	0.002217	3.41E-06	0.000937	0.044405
4417	489863.09	3857877.25	0.30466	0.40533	0.23595	0.47738	2.76E-02	0.00171	4.4E-06	0.00111	0.03043	3.48E-02	0.002164	3.75E-06	0.000645	3.77E-02	0.03435	0.001861	3.06E-06	0.000686	0.0369
4418	490363.09	3857877.25	0.25949	0.33762	0.21046	0.37573	2.35E-02	0.00143	3.9E-06	0.00087	0.02582	2.97E-02	0.001803	3.34E-06	0.000508	3.20E-02	0.029257	0.00155	2.73E-06	0.00054	0.03135
4419	490863.09	3857877.25	0.22428	0.28453	0.18904	0.30665	2.03E-02	0.0012	3.5E-06	0.00071	0.02224	2.57E-02	0.001519	3E-06	0.000415	2.76E-02	0.025287	0.001307	2.45E-06	0.00044	0.027037
4420	491363.09	3857877.25	0.19402	0.24278	0.17155	0.24274	1.76E-02	0.00103	3.2E-06	0.00056	0.01918	2.22E-02	0.001296	2.73E-06	0.000328	2.38E-02	0.021876	0.001115	2.23E-06	0.000349	0.023341
4421	491863.09	3857877.25	0.16531	0.20269	0.15479	0.18389	1.50E-02	0.00086	2.9E-06	0.00043	0.01627	1.89E-02	0.001082	2.46E-06	0.000249	2.02E-02	0.018639	0.000931	2.01E-06	0.000264	0.019836
4422	492363.09	3857877.25	0.11992	0.14198	0.11799	0.11808	1.09E-02	0.0006	2.2E-06	0.00027	0.01174	1.37E-02	0.000758	1.88E-06	0.00016	1.46E-02	0.013521	0.000652	1.53E-06	0.00017	0.014344
4423	492863.09	3857877.25	0.08039	0.09158	0.07901	0.08061	7.29E-03	0.00039	1.5E-06	0.00019	0.00786	9.19E-03	0.000489	1.26E-06	0.000109	9.79E-03	0.009064	0.000421	1.03E-06	0.000116	0.009601
4424	493363.09	3857877.25	0.06462	0.07221	0.06378	0.06576	5.86E-03	0.00031	1.2E-06	0.00015	0.00631	7.39E-03	0.000386	1.01E-06	8.89E-05	7.87E-03	0.007286	0.000332	8.28E-07	9.44E-05	0.007713
4425	493863.09	3857877.25	0.05628	0.06197	0.05584	0.0575	5.10E-03	0.00026	1E-06	0.00013	0.0055	6.44E-03	0.000331	8.87E-07	7.77E-05	6.85E-03	0.006346	0.000285	7.25E-07	8.26E-05	0.006713
4426	494363.09	3857877.25	0.05037	0.05479	0.05028	0.05151	4.56E-03	0.00023	9.4E-07	0.00012	0.00492	5.76E-03	0.000293	7.99E-07	6.96E-05	6.12E-03	0.005679	0.000252	6.53E-07	7.4E-05	0.006005
4427	494863.09	3857877.25	0.04231	0.04559	0.04209	0.04377	3.83E-03	0.00019	7.9E-07	0.0001	0.00413	4.84E-03	0.000243	6.69E-07	5.92E-05	5.14E-03	0.00477	0.000209	5.46E-07	6.29E-05	0.005043
4428	495363.09	3857877.25	0.0392	0.04207	0.03914	0.04035	3.55E-03	0.00018	7.3E-07	9.3E-05	0.00382	4.48E-03	0.000225	6.22E-07	5.46E-05	4.76E-03	0.00442	0.000193	5.08E-07	5.79E-05	0.004671
4429	495863.09	3857877.25	0.0366	0.03923	0.03665	0.03742	3.32E-03	0.00017	6.9E-07	8.7E-05	0.00357	4.19E-03	0.000209	5.82E-07	5.06E-05	4.45E-03	0.004127	0.00018	4.76E-07	5.37E-05	0.004361
4430	496363.09	3857877.25	0.03636	0.03909	0.03677	0.03667	3.30E-03	0.00017	6.9E-07	8.5E-05	0.00355	4.16E-03	0.000209	5.84E-07	4.96E-05	4.42E-03	0.0041	0.00018	4.77E-07	5.27E-05	0.004332
4431	496863.09	3857877.25	0.03622	0.03907	0.03656	0.03585	3.28E-03	0.00017	6.8E-07	8.3E-05	0.00353	4.14E-03	0.000209	5.81E-07	4.85E-05	4.40E-03	0.004084	0.000179	4.75E-07	5.15E-05	0.004315
4432	497363.09	3857877.25	0.03543	0.03828	0.03581	0.03467	3.21E-03	0.00016	6.7E-07	8E-05	0.00345	4.05E-03	0.000204	5.69E-07	4.69E-05	4.30E-03	0.003995	0.000176	4.65E-07	4.98E-05	0.004221
4433	497863.09	3857877.25	0.04017	0.04367	0.04078	0.03811	3.64E-03	0.00018	7.6E-07	8.8E-05	0.00391	4.59E-03	0.000233	6.48E-07	5.15E-05	4.88E-03	0.004529	0.000201	5.29E-07	5.47E-05	0.004785
4434	498363.09	3857877.25	0.04467	0.04873	0.04559	0.04185	4.05E-03	0.00021	8.5E-07	9.7E-05	0.00435	5.11E-03	0.00026	7.25E-07	5.66E-05	5.43E-03	0.005037	0.000224	5.92E-07	6.01E-05	0.005321
4435	471363.09	3858377.25	0.00869	0.00828	0.00872	0.00645	7.88E-04	3.5E-05	1.6E-07	1.5E-05	0.00084	9.94E-04	4.42E-05	1.39E-07	8.72E-06	1.05E-03	0.00098	3.8E-05	1.13E-07	9.26E-06	0.001027
4436	471863.09	3858377.25	0.00911	0.00883	0.00914	0.00661	8.26E-04	3.7E-05	1.7E-07	1.5E-05	0.00088	1.04E-03	4.71E-05	1.45E-07	8.94E-06	1.10E-03	0.001027	4.06E-05	1.19E-07	9.49E-06	0.001077
4437	472363.09	3858377.25	0.00958	0.00946	0.0096	0.0068	8.68E-04	4E-05	1.8E-07	1.6E-05	0.00092	1.10E-03	5.05E-05	1.53E-07	9.19E-06	1.16E-03	0.00108	4.34E-05	1.25E-07	9.77E-06	0.001133
4438	472863.09	3858377.25	0.01031	0.01037	0.01027	0.0073	9.34E-04	4.4E-05	1.9E-07	1.7E-05	0.001	1.18E-03	5.54E-05	1.63E-07	9.87E-06	1.24E-03	0.001162	4.76E-05	1.33E-07	1.05E-05	0.001221
4439	473363.09	3858377.25	0.01145	0.01172	0.01128	0.00842	1.04E-03	5E-05	2.1E-07	2E-05	0.00111	1.31E-03	6.26E-05	1.79E-07	1.14E-05	1.38E-03	0.001291	5.38E-05	1.46E-07	1.21E-05	0.001357
4440	473863.09	3858377.25	0.01195	0.01255	0.01182	0.0083	1.08E-03	5.3E-05	2.2E-07	1.9E-05	0.00116	1.37E-03	6.7E-05	1.88E-07	1.12E-05	1.45E-03	0.001347	5.76E-05	1.53E-07	1.19E-05	0.001417
4441	474363.09	3858377.25	0.01134	0.01217	0.01145	0.00697	1.03E-03	5.1E-05	2.1E-07	1.6E-05	0.0011	1.30E-03	6.5E-05	1.82E-07	9.42E-06	1.37E-03	0.001279	5.59E-05	1.49E-07	1E-05	0.001345
4442	474863.09	3858377.25	0.00955	0.0101	0.00992	0.00543	8.65E-04	4.3E-05	1.9E-07	1.3E-05	0.00092	1.09E-03	5.39E-05	1.58E-07	7.34E-06	1.15E-03	0.001077	4.64E-05	1.29E-07	7.8E-06	0.001131
4443	475363.09	3858377.25	0.00634	0.00638	0.00668	0.00385	5.75E-04	2.7E-05	1.3E-07	8.9E-06	0.00061	7.25E-04	3.41E-05	1.06E-07	5.21E-06	7.65E-04	0.000715	2.93E-05	8.67E-08	5.53E-06	0.00075
4444	475863.09	3858377.25	0.0044	0.00426	0.00459	0.00303	3.99E-04	1.8E-05	8.6E-08	7E-06	0.00042	5.03E-04	2.27E-05	7.29E-08	4.1E-06	5.30E-04	0.000496	1.96E-05	5.96E-08	4.35E-06	0.00052
4445	476363.09	3858377.25	0.00487	0.00466	0.00506	0.00327	4.41E-04	2E-05	9.5E-08	7.6E-06	0.00047	5.57E-04	2.49E-05	8.04E-08	4.42E-06	5.86E-04	0.000549	2.14E-05	6.57E-08	4.7E-06	0.000575
4446	476863.09	3858377.25	0.0055	0.00535	0.00556	0.00355	4.98E-04	2.3E-05	1E-07	8.2E-06	0.00053	6.29E-04	2.86E-05	8.84E-08	4.8E-06	6.63E-04	0.00062	2.46E-05	7.22E-08	5.1E-06	0.00065
4447	477363.09	3858377.25	0.00521	0.00524	0.00531	0.00346	4.72E-04	2.2E-05	9.9E-08	8E-06	0.0005	5.96E-04	2.8E-05	8.44E-08	4.68E-06	6.29E-04	0.000587	2.41E-05	6.89E-08	4.97E-06	0.000617
4448	477863.09	3858377.25	0.00736	0.00774	0.00766	0.00439	6.67E-04	3.3E-05	1.4E-07	1E-05	0.00071	8.42E-04	4.13E-05	1.22E-07	5.94E-06	8.89E-04	0.00083	3.55E-05	9.94E-08	6.3E-06	0.000872
4449	478363.09	3858377.25	0.00805	0.00824	0.00848	0.00475	7.30E-04	3.5E-05	1.6E-07	1.1E-05	0.00078	9.21E-04	4.4E-05	1.35E-07	6.42E-06	9.71E-04	0.000908	3.78E-05	1.1E-07	6.82E-06	0.000952

4450	478863.09	3858377.25	0.00522	0.00511	0.00543	0.00359	4.73E-04	2.2E-05	1E-07	8.3E-06	0.0005	5.97E-04	2.73E-05	8.63E-08	4.85E-06	6.29E-04	0.000589	2.35E-05	7.05E-08	5.16E-06	0.000617
4451	479363.09	3858377.25	0.01908	0.01879	0.02032	0.00972	1.73E-03	7.9E-05	3.8E-07	2.3E-05	0.00183	2.18E-03	0.0001	3.23E-07	1.31E-05	2.30E-03	0.002151	8.63E-05	2.64E-07	1.4E-05	0.002252
4452	479863.09	3858377.25	0.03248	0.03077	0.03407	0.02174	2.94E-03	0.00013	6.4E-07	5E-05	0.00312	3.72E-03	0.000164	5.41E-07	2.94E-05	3.91E-03	0.003662	0.000141	4.42E-07	3.12E-05	0.003835
4453	480363.09	3858377.25	0.03776	0.0345	0.03928	0.02868	3.42E-03	0.00015	7.4E-07	6.6E-05	0.00364	4.32E-03	0.000184	6.24E-07	3.88E-05	4.54E-03	0.004257	0.000158	5.1E-07	4.12E-05	0.004458
4454	480863.09	3858377.25	0.04201	0.03776	0.04369	0.03187	3.81E-03	0.00016	8.2E-07	7.4E-05	0.00404	4.81E-03	0.000202	6.94E-07	4.31E-05	5.05E-03	0.004737	0.000173	5.67E-07	4.58E-05	0.004956
4455	481363.09	3858377.25	0.04728	0.0436	0.04922	0.03663	4.28E-03	0.00018	9.2E-07	8.5E-05	0.00455	5.41E-03	0.000233	7.82E-07	4.95E-05	5.69E-03	0.005331	0.0002	6.39E-07	5.26E-05	0.005584
4456	481863.09	3858377.25	0.05329	0.04942	0.05597	0.04053	4.83E-03	0.00021	1E-06	9.4E-05	0.00513	6.10E-03	0.000264	8.9E-07	5.48E-05	6.41E-03	0.006008	0.000227	7.27E-07	5.82E-05	0.006294
4457	482363.09	3858377.25	0.0606	0.05695	0.0643	0.04869	5.49E-03	0.00024	1.2E-06	0.00011	0.00585	6.93E-03	0.000304	1.02E-06	6.58E-05	7.30E-03	0.006833	0.000262	8.35E-07	6.99E-05	0.007165
4458	482863.09	3858377.25	0.06799	0.06155	0.07268	0.06488	6.16E-03	0.00026	1.4E-06	0.00015	0.00657	7.78E-03	0.000329	1.16E-06	8.77E-05	8.19E-03	0.007666	0.000283	9.43E-07	9.32E-05	0.008043
4459	483363.09	3858377.25	0.07227	0.06519	0.07711	0.08007	6.55E-03	0.00028	1.4E-06	0.00019	0.00701	8.27E-03	0.000348	1.23E-06	0.000108	8.72E-03	0.008148	0.000299	1E-06	0.000115	0.008564
4460	483863.09	3858377.25	0.07919	0.07223	0.0847	0.09262	7.18E-03	0.00031	1.6E-06	0.00021	0.0077	9.06E-03	0.000386	1.35E-06	0.000125	9.57E-03	0.008929	0.000332	1.1E-06	0.000133	0.009394
4461	484363.09	3858377.25	0.08924	0.08365	0.09499	0.1086	8.09E-03	0.00035	1.8E-06	0.00025	0.00869	1.02E-02	0.000447	1.51E-06	0.000147	1.08E-02	0.010062	0.000384	1.23E-06	0.000156	0.010603
4462	484863.09	3858377.25	0.10034	0.10014	0.10398	0.12675	9.09E-03	0.00042	1.9E-06	0.00029	0.00981	1.15E-02	0.000535	1.65E-06	0.000171	1.22E-02	0.011313	0.00046	1.35E-06	0.000182	0.011957
4463	485363.09	3858377.25	0.11338	0.11686	0.11383	0.14713	1.03E-02	0.00049	2.1E-06	0.00034	0.01111	1.30E-02	0.000624	1.81E-06	0.000199	1.38E-02	0.012784	0.000537	1.48E-06	0.000211	0.013533
4464	485863.09	3858377.25	0.13048	0.13394	0.1245	0.17531	1.18E-02	0.00057	2.3E-06	0.00041	0.0128	1.49E-02	0.000715	1.98E-06	0.000237	1.59E-02	0.014712	0.000615	1.62E-06	0.000252	0.01558
4465	486363.09	3858377.25	0.15192	0.17997	0.13012	0.21181	1.38E-02	0.00076	2.4E-06	0.00049	0.01502	1.74E-02	0.000961	2.07E-06	0.000286	1.86E-02	0.017129	0.000826	1.69E-06	0.000304	0.018261
4466	486863.09	3858377.25	0.18046	0.21002	0.13237	0.26072	1.64E-02	0.00089	2.5E-06	0.0006	0.01785	2.06E-02	0.001121	2.1E-06	0.000353	2.21E-02	0.020347	0.000964	1.72E-06	0.000374	0.021687
4467	487363.09	3858377.25	0.2305	0.19705	0.135	0.3277	2.09E-02	0.00083	2.5E-06	0.00076	0.02248	2.64E-02	0.001052	2.15E-06	0.000443	2.79E-02	0.025989	0.000905	1.75E-06	0.000471	0.027366
4468	487863.09	3858377.25	0.38115	0.20082	0.13152	0.39786	3.45E-02	0.00085	2.5E-06	0.00092	0.03631	4.36E-02	0.001072	2.09E-06	0.000538	4.52E-02	0.042975	0.000922	1.71E-06	0.000571	0.04447
4469	488363.09	3858377.25	1.00605	0.21419	0.13571	0.41674	9.12E-02	0.00091	2.5E-06	0.00097	0.09304	1.15E-01	0.001144	2.16E-06	0.000563	1.17E-01	0.113432	0.000984	1.76E-06	0.000598	0.115016
4470	488863.09	3858377.25	0.46161	0.23477	0.13884	0.41391	4.18E-02	0.00099	2.6E-06	0.00096	0.04379	5.28E-02	0.001254	2.21E-06	0.00056	5.46E-02	0.052046	0.001078	1.8E-06	0.000594	0.053721
4471	489363.09	3858377.25	0.33576	0.25047	0.1501	0.36727	3.04E-02	0.00106	2.8E-06	0.00085	0.03234	3.84E-02	0.001337	2.39E-06	0.000497	4.02E-02	0.037857	0.00115	1.95E-06	0.000527	0.039536
4472	489863.09	3858377.25	0.26826	0.23299	0.14775	0.31081	2.43E-02	0.00099	2.8E-06	0.00072	0.02602	3.07E-02	0.001244	2.35E-06	0.00042	3.23E-02	0.030246	0.00107	1.92E-06	0.000446	0.031764
4473	490363.09	3858377.25	0.22518	0.21952	0.14413	0.26898	2.04E-02	0.00093	2.7E-06	0.00062	0.02196	2.58E-02	0.001172	2.29E-06	0.000364	2.73E-02	0.025389	0.001008	1.87E-06	0.000386	0.026785
4474	490863.09	3858377.25	0.19364	0.20423	0.1372	0.23299	1.75E-02	0.00086	2.6E-06	0.00054	0.01895	2.21E-02	0.00109	2.18E-06	0.000315	2.36E-02	0.021833	0.000938	1.78E-06	0.000335	0.023107
4475	491363.09	3858377.25	0.16608	0.18811	0.12971	0.18973	1.51E-02	0.0008	2.4E-06	0.00044	0.01629	1.90E-02	0.001004	2.06E-06	0.000257	2.03E-02	0.018725	0.000864	1.68E-06	0.000272	0.019863
4476	491863.09	3858377.25	0.13101	0.15533	0.11478	0.12901	1.19E-02	0.00066	2.1E-06	0.0003	0.01283	1.50E-02	0.000829	1.82E-06	0.000174	1.60E-02	0.014771	0.000713	1.49E-06	0.000185	0.015671
4477	492363.09	3858377.25	0.0858	0.0999	0.0785	0.08138	7.78E-03	0.00042	1.5E-06	0.00019	0.00839	9.81E-03	0.000533	1.25E-06	0.00011	1.05E-02	0.009674	0.000459	1.02E-06	0.000117	0.010251
4478	492863.09	3858377.25	0.08843	0.10312	0.0836	0.08336	8.01E-03	0.00044	1.6E-06	0.00019	0.00864	1.01E-02	0.000551	1.33E-06	0.000113	1.08E-02	0.00997	0.000474	1.09E-06	0.00012	0.010565
4479	493363.09	3858377.25	0.07345	0.08383	0.07024	0.06979	6.66E-03	0.00035	1.3E-06	0.00016	0.00717	8.40E-03	0.000448	1.12E-06	9.44E-05	8.94E-03	0.008281	0.000385	9.12E-07	0.0001	0.008768
4480	493863.09	3858377.25	0.06537	0.07362	0.06335	0.06232	5.92E-03	0.00031	1.2E-06	0.00014	0.00638	7.48E-03	0.000393	1.01E-06	8.43E-05	7.96E-03	0.00737	0.000338	8.22E-07	8.95E-05	0.007799
4481	494363.09	3858377.25	0.05695	0.06323	0.05564	0.05465	5.16E-03	0.00027	1E-06	0.00013	0.00556	6.51E-03	0.000338	8.84E-07	7.39E-05	6.93E-03	0.006421	0.00029	7.22E-07	7.85E-05	0.006791
4482	494863.09	3858377.25	0.0503	0.05502	0.04945	0.04859	4.56E-03	0.00023	9.3E-07	0.00011	0.0049	5.75E-03	0.000294	7.86E-07	6.57E-05	6.11E-03	0.005671	0.000253	6.42E-07	6.98E-05	0.005994
4483	495363.09	3858377.25	0.04337	0.04672	0.04279	0.04237	3.93E-03	0.0002	8E-07	9.8E-05	0.00423	4.96E-03	0.000249	6.8E-07	5.73E-05	5.27E-03	0.00489	0.000215	5.55E-07	6.08E-05	0.005166
4484	495863.09	3858377.25	0.04165	0.0444	0.04142	0.04053	3.77E-03	0.00019	7.8E-07	9.4E-05	0.00406	4.76E-03	0.000237	6.58E-07	5.48E-05	5.06E-03	0.004696	0.000204	5.38E-07	5.82E-05	0.004959
4485	496363.09	3858377.25	0.03967	0.04195	0.03972	0.03852	3.59E-03	0.00018	7.4E-07	8.9E-05	0.00386	4.54E-03	0.000224	6.31E-07	5.21E-05	4.81E-03	0.004473	0.000193	5.16E-07	5.53E-05	0.004721
4486	496863.09	3858377.25	0.04091	0.04316	0.04129	0.03917	3.71E-03	0.00018	7.7E-07	9.1E-05	0.00398	4.68E-03	0.00023	6.56E-07	5.3E-05	4.96E-03	0.004613	0.000198	5.36E-07	5.63E-05	0.004868
4487	497363.09	3858377.25	0.04048	0.04274	0.0412	0.03855	3.67E-03	0.00018	7.7E-07	8.9E-05	0.00394	4.63E-03	0.000228	6.55E-07	5.21E-05	4.91E-03	0.004564	0.000196	5.35E-07	5.54E-05	0.004816
4488	497863.09	3858377.25	0.04398	0.04678	0.04477	0.04136	3.99E-03	0.0002	8.4E-07	9.6E-05	0.00428	5.03E-03	0.00025	7.12E-07	5.59E-05	5.34E-03	0.004959	0.000215	5.81E-07	5.94E-05	0.005234
4489	498363.09	3858377.25	0.0482	0.05188	0.04893	0.04585	4.37E-03	0.00022	9.2E-07	0.00011	0.00469	5.51E-03	0.000277	7.78E-07	6.2E-05	5.85E-03	0.005435	0.000238	6.35E-07	6.58E-05	0.005739
4490	471363.09	3858877.25	0.00877	0.00926	0.00868	0.00664	7.95E-04	3.9E-05	1.6E-07	1.5E-05	0.00085	1.00E-03	4.94E-05	1.38E-07	8.98E-06	1.06E-03	0.000989	4.25E-05	1.13E-07	9.54E-06	0.001041
4491	471863.09	3858877.25	0.0092	0.00991	0.00909	0.00678	8.34E-04	4.2E-05	1.7E-07	1.6E-05	0.00089	1.05E-03	5.29E-05	1.44E-07	9.17E-06	1.11E-03	0.001037	4.55E-05	1.18E-07	9.74E-06	0.001093
4492	472363.09	3858877.25	0.00993	0.01085	0.00977	0.00737	9.00E-04	4.6E-05	1.8E-07	1.7E-05	0.00096	1.14E-03	5.79E-05	1.55E-07	9.97E-06	1.20E-03	0.00112	4.98E-05	1.27E-07	1.06E-05	0.00118
4493	472863.09	3858877.25	0.01065	0.0117	0.01048	0.00789	9.65E-04	4.9E-05	2E-07	1.8E-05	0.00103	1.22E-03	6.25E-05	1.67E-07	1.07E-05	1.29E-03	0.001201	5.37E-05	1.36E-07	1.13E-05	0.001266
4494	473363.09	3858877.25	0.01158	0.01258	0.01139	0.00888	1.05E-03	5.3E-05	2.1E-07	2.1E-05	0.00112	1.32E-03	6.72E-05	1.81E-07	1.2E-05	1.40E-03	0.001306	5.78E-05	1.48E-07	1.28E-05	0.001376
4495	473863.09	3858877.25	0.01209	0.01302	0.012	0.00892	1.10E-03	5.5E-05	2.2E-07	2.1E-05	0.00117	1.38E-03	6.95E-05	1.91E-07	1.21E-05	1.46E-03	0.001363	5.98E-05	1.56E-07	1.28E-05	0.001436
4496	474363.09	3858877.25	0.01181	0.01254	0.01194	0.00777	1.07E-03	5.3E-05	2.2E-07	1.8E-05	0.00114	1.35E-03	6.7E-05	1.9E-07	1.05E-05	1.43E-03	0.001332	5.76E-05	1.55E-07	1.12E-05	0.0014
4497	474863.09	3858877.25	0.00609	0.00602	0.00639	0.00367	5.52E-04	2.5E-05	1.2E-07	8.5E-06	0.00059	6.97E-04	3.21E-05	1.02E-07	4.96E-06	7.34E-04	0.000687	2.76E-05	8.29E-08	5.27E-06	0.00072
4498	475363.09	3858877.25	0.00436	0.00415	0.00453	0.00289	3.95E-04	1.8E-05	8.5E-08	6.7E-06	0.00042	4.99E-04	2.22E-05	7.2E-08	3.91E-06	5.25E-04	0.000492	1.91E-05	5.88E-08	4.15E-06	0.000515
4499	475863.09	3858877.25	0.00514	0.00502	0.00528	0.00325	4.66E-04	2.1E-05	9.9E-08	7.5E-06	0.00049	5.88E-04	2.68E-05	8.39E-08	4.39E-06	6.19E-04	0.00058	2.31E-05	6.85E-08	4.67E-06	0.000607
4500	476363.09	3858877.25	0.00308	0.003	0.00312	0.00228	2.79E-04	1.3E-05	5.8E-08	5.3E-06	0.0003	3.52E-04	1.6E-05	4.96E-08	3.08E-06	3.71E-04	0.000347	1.38E-05	4.05E-08	3.27E-06	0.000364
4501	476863.09	3858877.25	0.00405	0.00402	0.00409	0.00274	3.67E-04	1.7E-05	7.7E-08	6.3E-06	0.00039	4.63E-04	2.15E-05	6.5E-08	3.7E-06	4.88E-04	0.000457	1.85E-05	5.31E-08	3.93E-06	0.000479
4502	477363.09	3858877.25	0.00421	0.0041	0.00435	0.00287	3.82E-04	1.7E-05	8.1E-08	6.6E-06	0.00041	4.82E-04	2.19E-05	6.91E-08	3.88E-06	5.07E-04	0.000475	1.88E-05	5.65E-08	4.12E-06	0.000498
4503	477863.09	3858877.25	0.00545	0.0053	0.00573	0.00348	4.94E-04	2.2E-05	1.1E-07	8.1E-06	0.00052	6.23E-04	2.83E-05	9.11E-08	4.71E-06	6.56E-04	0.000614	2.43E-05	7.44E-08	5E-06	0.000644
4504	478363.09	3858877.25	0.01244	0.01177	0.01334	0.00665	1.13E-03	5E-05	2.5E-07	1.5E-05	0.00119	1.42E-03	6.28E-05	2.12E-07	8.99E-06	1.49E-03	0.001403	5.41E-05	1.73E-07	9.55E-06	0.001466
4505	478863.09	3858877.25	0.01048	0.01019	0.01114	0.00577	9.50E-04	4.3E-05	2.1E-07	1.3E-05	0.00101	1.20E-03	5.44E-05	1.77E-07	7.8E-06	1.26E-03	0.001182	4.68E-05	1.45E-07	8.29E-06	0.001237
4506	479363.09	3858877.25	0.00831	0.00798	0.00891	0.00486	7.53E-04	3.4E-05	1.7E-07	1.1E-05	0.0008	9.50E-04	4.26E-05	1.42E-07	6.57E-06	1.00E-03	0.000937	3.66E-05	1.16E-07	6.98E-06	0.000981
4507	479863.09	3858877.25	0.0311	0.02749	0.03259	0.02354	2.82E-03	0.00012	6.1E-07	5.5E-05	0.00299	3.56E-03	0.000147	5.18E-07	3.18E-05	3.74E-03	0.003507	0.000126	4.23E-07	3.38E-05	0.003667
4508	480363.09	3858877.25	0.03493	0.03067	0.03626	0.0285	3.17E-03	0.00013	6.8E-07	6.6E-05	0.00336	4.00E-03	0.000164	5.76E-07	3.85E-05	4.20E-03	0.003938	0.000141	4.71E-07	4.09E-05	0.004121
4509	480863.09	3858877.25	0.03871	0.03566	0.04008	0.03251	3.51E-03	0.00015	7.5E-07	7.5E-05	0.00373	4.43E-03	0.00019	6.37E-07	4.4E-05	4.66E-03	0.004365	0.000164	5.2E-07	4.67E-05	0.004576
4510	481363.09	3858877.25	0.0428	0.04081	0.04459	0.03602	3.88E-03	0.00017	8.3E-07	8.3E-05	0.00414	4.90E-03	0.000218	7.09E-07	4.87E-05	5.16E-03	0.004826	0.000187	5.79E-07	5.17E-05	0.005065

4511	481863.09	3858877.25	0.04766	0.04677	0.04972	0.04087	4.32E-03	0.0002	9.3E-07	9.5E-05	0.00461	5.45E-03	0.00025	7.9E-07	5.53E-05	5.76E-03	0.005374	0.000215	6.45E-07	5.87E-05	0.005648
4512	482363.09	3858877.25	0.05278	0.05308	0.05575	0.04497	4.78E-03	0.00022	1E-06	0.0001	0.00511	6.04E-03	0.000283	8.86E-07	6.08E-05	6.38E-03	0.005951	0.000244	7.24E-07	6.46E-05	0.00626
4513	482863.09	3858877.25	0.05863	0.05773	0.06211	0.05262	5.31E-03	0.00024	1.2E-06	0.00012	0.00568	6.71E-03	0.000308	9.87E-07	7.11E-05	7.09E-03	0.006611	0.000265	8.06E-07	7.56E-05	0.006952
4514	483363.09	3858877.25	0.06104	0.06084	0.0636	0.06835	5.53E-03	0.00026	1.2E-06	0.00016	0.00595	6.98E-03	0.000325	1.01E-06	9.24E-05	7.40E-03	0.006882	0.000279	8.26E-07	9.82E-05	0.007261
4515	483863.09	3858877.25	0.06576	0.06581	0.06786	0.07712	5.96E-03	0.00028	1.3E-06	0.00018	0.00642	7.52E-03	0.000351	1.08E-06	0.000104	7.98E-03	0.007414	0.000302	8.81E-07	0.000111	0.007828
4516	484363.09	3858877.25	0.07251	0.06958	0.074	0.08769	6.57E-03	0.00029	1.4E-06	0.0002	0.00707	8.29E-03	0.000372	1.18E-06	0.000119	8.78E-03	0.008175	0.00032	9.61E-07	0.000126	0.008622
4517	484863.09	3858877.25	0.07964	0.0721	0.07971	0.09914	7.22E-03	0.00031	1.5E-06	0.00023	0.00775	9.11E-03	0.000385	1.27E-06	0.000134	9.63E-03	0.008979	0.000331	1.03E-06	0.000142	0.009454
4518	485363.09	3858877.25	0.08729	0.08303	0.08468	0.11068	7.91E-03	0.00035	1.6E-06	0.00026	0.00852	9.98E-03	0.000443	1.35E-06	0.00015	1.06E-02	0.009842	0.000381	1.1E-06	0.000159	0.010383
4519	485863.09	3858877.25	0.09618	0.10043	0.08881	0.1248	8.72E-03	0.00042	1.7E-06	0.00029	0.00943	1.10E-02	0.000536	1.41E-06	0.000169	1.17E-02	0.010844	0.000461	1.15E-06	0.000179	0.011486
4520	486363.09	3858877.25	0.10531	0.11688	0.0893	0.13831	9.54E-03	0.00049	1.7E-06	0.00032	0.01036	1.20E-02	0.000624	1.42E-06	0.000187	1.29E-02	0.011874	0.000537	1.16E-06	0.000199	0.01261
4521	486863.09	3858877.25	0.11757	0.12017	0.08931	0.15248	1.07E-02	0.00051	1.7E-06	0.00035	0.01152	1.34E-02	0.000642	1.42E-06	0.000206	1.43E-02	0.013256	0.000552	1.16E-06	0.000219	0.014028
4522	487363.09	3858877.25	0.13686	0.11388	0.09193	0.16993	1.24E-02	0.00048	1.7E-06	0.00039	0.01328	1.57E-02	0.000608	1.46E-06	0.00023	1.65E-02	0.015431	0.000523	1.19E-06	0.000244	0.016199
4523	487863.09	3858877.25	0.16301	0.11769	0.0916	0.16939	1.48E-02	0.0005	1.7E-06	0.00039	0.01566	1.86E-02	0.000628	1.46E-06	0.000229	1.95E-02	0.018379	0.00054	1.19E-06	0.000243	0.019164
4524	488363.09	3858877.25	0.2332	0.12379	0.09143	0.17122	2.11E-02	0.00052	1.7E-06	0.0004	0.02206	2.67E-02	0.000661	1.45E-06	0.000232	2.76E-02	0.026293	0.000568	1.19E-06	0.000246	0.027109
4525	488863.09	3858877.25	0.86617	0.12663	0.09272	0.1717	7.85E-02	0.00054	1.7E-06	0.0004	0.07943	9.91E-02	0.000676	1.47E-06	0.000232	1.00E-01	0.09766	0.000582	1.2E-06	0.000247	0.09849
4526	489363.09	3858877.25	0.29383	0.12558	0.08956	0.16601	2.66E-02	0.00053	1.7E-06	0.00038	0.02754	3.36E-02	0.000671	1.42E-06	0.000224	3.45E-02	0.033129	0.000577	1.16E-06	0.000238	0.033946
4527	489863.09	3858877.25	0.20598	0.13951	0.09404	0.17713	1.87E-02	0.00059	1.8E-06	0.00041	0.01967	2.36E-02	0.000745	1.49E-06	0.000239	2.45E-02	0.023224	0.000641	1.22E-06	0.000254	0.02412
4528	490363.09	3858877.25	0.16972	0.14474	0.1	0.17037	1.54E-02	0.00061	1.9E-06	0.00039	0.01639	1.94E-02	0.000773	1.59E-06	0.00023	2.04E-02	0.019136	0.000665	1.3E-06	0.000245	0.020047
4529	490863.09	3858877.25	0.14419	0.14142	0.1018	0.14784	1.31E-02	0.0006	1.9E-06	0.00034	0.01401	1.65E-02	0.000755	1.62E-06	0.0002	1.74E-02	0.016257	0.000649	1.32E-06	0.000212	0.01712
4530	491363.09	3858877.25	0.11839	0.12543	0.09679	0.10951	1.07E-02	0.00053	1.8E-06	0.00025	0.01151	1.35E-02	0.00067	1.54E-06	0.000148	1.44E-02	0.013348	0.000576	1.26E-06	0.000157	0.014083
4531	491863.09	3858877.25	0.08832	0.09602	0.07733	0.0763	8.00E-03	0.00041	1.4E-06	0.00018	0.00859	1.01E-02	0.000513	1.23E-06	0.000103	1.07E-02	0.009958	0.000441	1E-06	0.00011	0.01051
4532	492363.09	3858877.25	0.09336	0.10347	0.08225	0.08569	8.46E-03	0.00044	1.5E-06	0.0002	0.0091	1.07E-02	0.000552	1.31E-06	0.000116	1.13E-02	0.010526	0.000475	1.07E-06	0.000123	0.011126
4533	492863.09	3858877.25	0.09503	0.10542	0.08308	0.09548	8.61E-03	0.00045	1.6E-06	0.00022	0.00928	1.09E-02	0.000563	1.32E-06	0.000129	1.16E-02	0.010715	0.000484	1.08E-06	0.000137	0.011337
4534	493363.09	3858877.25	0.08526	0.09639	0.0772	0.08354	7.73E-03	0.00041	1.4E-06	0.00019	0.00833	9.75E-03	0.000515	1.23E-06	0.000113	1.04E-02	0.009613	0.000443	1E-06	0.00012	0.010177
4535	493863.09	3858877.25	0.07078	0.08079	0.06624	0.06608	6.41E-03	0.00034	1.2E-06	0.00015	0.00691	8.10E-03	0.000431	1.05E-06	8.93E-05	8.62E-03	0.00798	0.000371	8.6E-07	9.49E-05	0.008447
4536	494363.09	3858877.25	0.06433	0.07345	0.06142	0.06008	5.83E-03	0.00031	1.1E-06	0.00014	0.00628	7.36E-03	0.000392	9.76E-07	8.12E-05	7.83E-03	0.007253	0.000337	7.97E-07	8.63E-05	0.007678
4537	494863.09	3858877.25	0.05706	0.06453	0.05518	0.05326	5.17E-03	0.00027	1E-06	0.00012	0.00557	6.53E-03	0.000345	8.77E-07	7.2E-05	6.94E-03	0.006433	0.000296	7.16E-07	7.65E-05	0.006807
4538	495363.09	3858877.25	0.05063	0.0568	0.0495	0.04736	4.59E-03	0.00024	9.3E-07	0.00011	0.00494	5.79E-03	0.000303	7.87E-07	6.4E-05	6.16E-03	0.005709	0.000261	6.43E-07	6.8E-05	0.006038
4539	495863.09	3858877.25	0.04728	0.0527	0.04659	0.04422	4.28E-03	0.00022	8.7E-07	0.0001	0.00461	5.41E-03	0.000281	7.4E-07	5.98E-05	5.75E-03	0.005331	0.000242	6.05E-07	6.35E-05	0.005637
4540	496363.09	3858877.25	0.0459	0.05087	0.04555	0.0429	4.16E-03	0.00022	8.5E-07	9.9E-05	0.00447	5.25E-03	0.000272	7.24E-07	5.8E-05	5.58E-03	0.005175	0.000234	5.91E-07	6.16E-05	0.005471
4541	496863.09	3858877.25	0.04463	0.0491	0.04459	0.04176	4.04E-03	0.00021	8.3E-07	9.7E-05	0.00435	5.10E-03	0.000262	7.09E-07	5.65E-05	5.42E-03	0.005032	0.000225	5.79E-07	6E-05	0.005318
4542	497363.09	3858877.25	0.04325	0.04712	0.04347	0.04055	3.92E-03	0.0002	8.1E-07	9.4E-05	0.00421	4.95E-03	0.000252	6.91E-07	5.48E-05	5.25E-03	0.004876	0.000216	5.64E-07	5.82E-05	0.005152
4543	497863.09	3858877.25	0.04676	0.05074	0.04711	0.04481	4.24E-03	0.00021	8.8E-07	0.0001	0.00456	5.35E-03	0.000271	7.49E-07	6.06E-05	5.68E-03	0.005272	0.000233	6.12E-07	6.43E-05	0.00557
4544	498363.09	3858877.25	0.04896	0.05287	0.04906	0.04917	4.44E-03	0.00022	9.2E-07	0.00011	0.00478	5.60E-03	0.000282	7.8E-07	6.65E-05	5.95E-03	0.00552	0.000243	6.37E-07	7.06E-05	0.005834
4545	471363.09	3859377.25	0.00888	0.00976	0.00868	0.0068	8.05E-04	4.1E-05	1.6E-07	1.6E-05	0.00086	1.02E-03	5.21E-05	1.38E-07	9.19E-06	1.08E-03	0.001001	4.48E-05	1.13E-07	9.77E-06	0.001056
4546	471863.09	3859377.25	0.00941	0.01022	0.00923	0.00716	8.53E-04	4.3E-05	1.7E-07	1.7E-05	0.00091	1.08E-03	5.46E-05	1.47E-07	9.68E-06	1.14E-03	0.001061	4.69E-05	1.2E-07	1.03E-05	0.001118
4547	472363.09	3859377.25	0.01011	0.01072	0.00992	0.00785	9.16E-04	4.5E-05	1.9E-07	1.8E-05	0.00098	1.16E-03	5.72E-05	1.58E-07	1.06E-05	1.22E-03	0.00114	4.92E-05	1.29E-07	1.13E-05	0.001201
4548	472863.09	3859377.25	0.01077	0.01114	0.01059	0.00847	9.76E-04	4.7E-05	2E-07	2E-05	0.00104	1.23E-03	5.95E-05	1.68E-07	1.15E-05	1.30E-03	0.001214	5.12E-05	1.37E-07	1.22E-05	0.001278
4549	473363.09	3859377.25	0.01154	0.01165	0.01136	0.00926	1.05E-03	4.9E-05	2.1E-07	2.1E-05	0.00112	1.32E-03	6.22E-05	1.81E-07	1.25E-05	1.39E-03	0.001301	5.35E-05	1.47E-07	1.33E-05	0.001368
4550	473863.09	3859377.25	0.0122	0.01211	0.01205	0.00961	1.11E-03	5.1E-05	2.3E-07	2.2E-05	0.00118	1.40E-03	6.47E-05	1.92E-07	1.3E-05	1.47E-03	0.001376	5.56E-05	1.56E-07	1.38E-05	0.001445
4551	474363.09	3859377.25	0.01186	0.0117	0.01191	0.00803	1.07E-03	4.9E-05	2.2E-07	1.9E-05	0.00114	1.36E-03	6.25E-05	1.89E-07	1.09E-05	1.43E-03	0.001337	5.37E-05	1.55E-07	1.15E-05	0.001403
4552	474863.09	3859377.25	0.00956	0.00953	0.00973	0.00548	8.66E-04	4E-05	1.8E-07	1.3E-05	0.00092	1.09E-03	5.09E-05	1.55E-07	7.41E-06	1.15E-03	0.001078	4.38E-05	1.26E-07	7.87E-06	0.00113
4553	475363.09	3859377.25	0.00634	0.00647	0.00652	0.00362	5.75E-04	2.7E-05	1.2E-07	8.4E-06	0.00061	7.25E-04	3.45E-05	1.04E-07	4.89E-06	7.65E-04	0.000715	2.97E-05	8.46E-08	5.2E-06	0.00075
4554	475863.09	3859377.25	0.00391	0.0039	0.00404	0.00257	3.54E-04	1.6E-05	7.6E-08	6E-06	0.00038	4.47E-04	2.08E-05	6.42E-08	3.47E-06	4.72E-04	0.000441	1.79E-05	5.24E-08	3.69E-06	0.000463
4555	476363.09	3859377.25	0.00347	0.00333	0.00359	0.00237	3.14E-04	1.4E-05	6.7E-08	5.5E-06	0.00033	3.97E-04	1.78E-05	5.71E-08	3.2E-06	4.18E-04	0.000391	1.53E-05	4.66E-08	3.4E-06	0.00041
4556	476863.09	3859377.25	0.00278	0.00265	0.00286	0.00207	2.52E-04	1.1E-05	5.4E-08	4.8E-06	0.00027	3.18E-04	1.41E-05	4.55E-08	2.8E-06	3.35E-04	0.000313	1.22E-05	3.71E-08	2.97E-06	0.000329
4557	477363.09	3859377.25	0.00307	0.00291	0.0032	0.00223	2.78E-04	1.2E-05	6E-08	5.2E-06	0.0003	3.51E-04	1.55E-05	5.09E-08	3.02E-06	3.70E-04	0.000346	1.34E-05	4.15E-08	3.2E-06	0.000363
4558	477863.09	3859377.25	0.00626	0.0059	0.00666	0.00377	5.67E-04	2.5E-05	1.2E-07	8.7E-06	0.0006	7.16E-04	3.15E-05	1.06E-07	5.1E-06	7.53E-04	0.000706	2.71E-05	8.64E-08	5.41E-06	0.000738
4559	478363.09	3859377.25	0.0108	0.01053	0.01162	0.0058	9.79E-04	4.5E-05	2.2E-07	1.3E-05	0.00104	1.24E-03	5.62E-05	1.85E-07	7.84E-06	1.30E-03	0.001218	4.84E-05	1.51E-07	8.33E-06	0.001275
4560	478863.09	3859377.25	0.01762	0.01663	0.0191	0.00951	1.60E-03	7E-05	3.6E-07	2.2E-05	0.00169	2.02E-03	8.88E-05	3.04E-07	1.29E-05	2.12E-03	0.001987	7.64E-05	2.48E-07	1.37E-05	0.002077
4561	479363.09	3859377.25	0.02351	0.02146	0.02523	0.01458	2.13E-03	9.1E-05	4.7E-07	3.4E-05	0.00226	2.69E-03	0.000115	4.01E-07	1.97E-05	2.82E-03	0.002651	9.86E-05	3.27E-07	2.09E-05	0.002771
4562	479863.09	3859377.25	0.02808	0.02566	0.02955	0.02026	2.54E-03	0.00011	5.5E-07	4.7E-05	0.0027	3.21E-03	0.000137	4.7E-07	2.74E-05	3.38E-03	0.003166	0.000118	3.84E-07	2.91E-05	0.003313
4563	480363.09	3859377.25	0.03198	0.03091	0.03293	0.02625	2.90E-03	0.00013	6.2E-07	6.1E-05	0.00309	3.66E-03	0.000165	5.23E-07	3.55E-05	3.86E-03	0.003606	0.000142	4.27E-07	3.77E-05	0.003786
4564	480863.09	3859377.25	0.03516	0.03521	0.0361	0.03048	3.19E-03	0.00015	6.8E-07	7.1E-05	0.00341	4.02E-03	0.000188	5.74E-07	4.12E-05	4.25E-03	0.003964	0.000162	4.69E-07	4.38E-05	0.00417
4565	481363.09	3859377.25	0.03865	0.03916	0.03957	0.03456	3.50E-03	0.00017	7.4E-07	8E-05	0.00375	4.42E-03	0.000209	6.29E-07	4.67E-05	4.68E-03	0.004358	0.00018	5.14E-07	4.96E-05	0.004588
4566	481863.09	3859377.25	0.04242	0.04398	0.04354	0.03865	3.84E-03	0.00019	8.2E-07	9E-05	0.00412	4.85E-03	0.000235	6.92E-07	5.23E-05	5.14E-03	0.004783	0.000202	5.65E-07	5.55E-05	0.005041
4567	482363.09	3859377.25	0.04624	0.04792	0.04783	0.0428	4.19E-03	0.0002	9E-07	9.9E-05	0.00449	5.29E-03	0.000256	7.6E-07	5.79E-05	5.60E-03	0.005214	0.00022	6.21E-07	6.15E-05	0.005496
4568	482863.09	3859377.25	0.05039	0.05238	0.05147	0.04947	4.57E-03	0.00022	9.6E-07	0.00011	0.0049	5.76E-03	0.00028	8.18E-07	6.69E-05	6.11E-03	0.005681	0.000241	6.68E-07	7.1E-05	0.005994
4569	483363.09	3859377.25	0.05391	0.05501	0.05466	0.05782	4.89E-03	0.00023	1E-06	0.00013	0.00525	6.17E-03	0.000294	8.69E-07	7.82E-05	6.54E-03	0.006078	0.000253	7.1E-07	8.3E-05	0.006415
4570	483863.09	3859377.25	0.05522	0.05062	0.05575	0.06459	5.00E-03	0.00021	1E-06	0.00015	0.00537	6.32E-03	0.00027	8.86E-07	8.73E-05	6.67E-03	0.006226	0.000232	7.24E-07	9.28E-05	0.006552
4571	484363.09	3859377.25	0.05966	0.05243	0.05976	0.07118	5.41E-03	0.00022	1.1E-06	0.00016	0.00579	6.82E-03	0.00028	9.5E-07	9.62E-05	7.20E-03	0.006727	0.000241	7.76E-07	0.000102	0.00707

4572	484863.09	3859377.25	0.06422	0.05705	0.06325	0.07792	5.82E-03	0.00024	1.2E-06	0.00018	0.00624	7.35E-03	0.000305	1.01E-06	0.000105	7.76E-03	0.007241	0.000262	8.21E-07	0.000112	0.007615
4573	485363.09	3859377.25	0.06856	0.06729	0.06528	0.08336	6.21E-03	0.00028	1.2E-06	0.00019	0.00669	7.84E-03	0.000359	1.04E-06	0.000113	8.31E-03	0.00773	0.000309	8.47E-07	0.00012	0.00816
4574	485863.09	3859377.25	0.07306	0.07778	0.06621	0.08902	6.62E-03	0.00033	1.2E-06	0.00021	0.00716	8.36E-03	0.000415	1.05E-06	0.00012	8.89E-03	0.008237	0.000357	8.59E-07	0.000128	0.008723
4575	486363.09	3859377.25	0.07826	0.07997	0.06668	0.09664	7.09E-03	0.00034	1.2E-06	0.00022	0.00766	8.95E-03	0.000427	1.06E-06	0.000131	9.51E-03	0.008824	0.000367	8.66E-07	0.000139	0.009331
4576	486863.09	3859377.25	0.08272	0.0807	0.06534	0.10215	7.50E-03	0.00034	1.2E-06	0.00024	0.00808	9.46E-03	0.000431	1.04E-06	0.000138	1.00E-02	0.009327	0.000371	8.48E-07	0.000147	0.009845
4577	487363.09	3859377.25	0.08838	0.07458	0.06568	0.10376	8.01E-03	0.00032	1.2E-06	0.00024	0.00857	1.01E-02	0.000398	1.04E-06	0.00014	1.06E-02	0.009965	0.000342	8.53E-07	0.000149	0.010457
4578	487863.09	3859377.25	0.09675	0.08112	0.06661	0.10397	8.77E-03	0.00034	1.2E-06	0.00024	0.00935	1.11E-02	0.000433	1.06E-06	0.000141	1.16E-02	0.010909	0.000373	8.65E-07	0.000149	0.011431
4579	488363.09	3859377.25	0.10448	0.08175	0.06761	0.1057	9.47E-03	0.00035	1.3E-06	0.00024	0.01006	1.20E-02	0.000437	1.07E-06	0.000143	1.25E-02	0.01178	0.000375	8.78E-07	0.000152	0.012308
4580	488863.09	3859377.25	0.10818	0.08664	0.06891	0.10865	9.80E-03	0.00037	1.3E-06	0.00025	0.01042	1.24E-02	0.000463	1.1E-06	0.000147	1.30E-02	0.012197	0.000398	8.94E-07	0.000156	0.012752
4581	489363.09	3859377.25	0.10652	0.08692	0.06891	0.1077	9.65E-03	0.00037	1.3E-06	0.00025	0.01027	1.22E-02	0.000464	1.1E-06	0.000146	1.28E-02	0.01201	0.000399	8.94E-07	0.000155	0.012565
4582	489863.09	3859377.25	0.10653	0.08608	0.06735	0.1041	9.65E-03	0.00036	1.3E-06	0.00024	0.01026	1.22E-02	0.00046	1.07E-06	0.000141	1.28E-02	0.012011	0.000395	8.74E-07	0.000149	0.012557
4583	490363.09	3859377.25	0.10442	0.09003	0.06725	0.10607	9.46E-03	0.00038	1.3E-06	0.00025	0.01009	1.19E-02	0.000481	1.07E-06	0.000143	1.26E-02	0.011773	0.000413	8.73E-07	0.000152	0.01234
4584	490863.09	3859377.25	0.09855	0.09761	0.07089	0.10353	8.93E-03	0.00041	1.3E-06	0.00024	0.00958	1.13E-02	0.000521	1.13E-06	0.00014	1.19E-02	0.011111	0.000448	9.2E-07	0.000149	0.011709
4585	491363.09	3859377.25	0.0845	0.09174	0.07238	0.07616	7.66E-03	0.00039	1.4E-06	0.00018	0.00822	9.66E-03	0.00049	1.15E-06	0.000103	1.03E-02	0.009527	0.000421	9.4E-07	0.000109	0.010059
4586	491863.09	3859377.25	0.08941	0.09331	0.07406	0.09184	8.10E-03	0.00039	1.4E-06	0.00021	0.00871	1.02E-02	0.000498	1.18E-06	0.000124	1.09E-02	0.010081	0.000429	9.61E-07	0.000132	0.010642
4587	492363.09	3859377.25	0.08529	0.08973	0.07202	0.08828	7.73E-03	0.00038	1.3E-06	0.0002	0.00831	9.76E-03	0.000479	1.14E-06	0.000119	1.04E-02	0.009616	0.000412	9.35E-07	0.000127	0.010156
4588	492863.09	3859377.25	0.08111	0.08628	0.06894	0.08538	7.35E-03	0.00037	1.3E-06	0.0002	0.00791	9.28E-03	0.000461	1.1E-06	0.000115	9.85E-03	0.009145	0.000396	8.95E-07	0.000123	0.009665
4589	493363.09	3859377.25	0.07484	0.08094	0.06574	0.07566	6.78E-03	0.00034	1.2E-06	0.00018	0.0073	8.56E-03	0.000432	1.04E-06	0.000102	9.10E-03	0.008438	0.000372	8.53E-07	0.000109	0.008919
4590	493863.09	3859377.25	0.07076	0.07669	0.06304	0.07257	6.41E-03	0.00032	1.2E-06	0.00017	0.00691	8.09E-03	0.000409	1E-06	9.81E-05	8.60E-03	0.007978	0.000352	8.18E-07	0.000104	0.008435
4591	494363.09	3859377.25	0.06591	0.07167	0.05995	0.06656	5.97E-03	0.0003	1.1E-06	0.00015	0.00643	7.54E-03	0.000383	9.53E-07	9E-05	8.01E-03	0.007431	0.000329	7.78E-07	9.56E-05	0.007857
4592	494863.09	3859377.25	0.05851	0.06436	0.05476	0.0559	5.30E-03	0.00027	1E-06	0.00013	0.00571	6.69E-03	0.000344	8.7E-07	7.56E-05	7.11E-03	0.006597	0.000296	7.11E-07	8.03E-05	0.006974
4593	495363.09	3859377.25	0.05551	0.06177	0.05239	0.05329	5.03E-03	0.00026	9.8E-07	0.00012	0.00542	6.35E-03	0.00033	8.33E-07	7.21E-05	6.75E-03	0.006259	0.000284	6.8E-07	7.65E-05	0.00662
4594	495863.09	3859377.25	0.05147	0.05775	0.04924	0.04913	4.66E-03	0.00024	9.2E-07	0.00011	0.00502	5.89E-03	0.000308	7.83E-07	6.64E-05	6.26E-03	0.005803	0.000265	6.39E-07	7.06E-05	0.00614
4595	496363.09	3859377.25	0.05018	0.05657	0.0484	0.04865	4.55E-03	0.00024	9.1E-07	0.00011	0.0049	5.74E-03	0.000302	7.69E-07	6.58E-05	6.11E-03	0.005658	0.00026	6.28E-07	6.99E-05	0.005988
4596	496863.09	3859377.25	0.04556	0.05128	0.04457	0.04336	4.13E-03	0.00022	8.3E-07	0.0001	0.00445	5.21E-03	0.000274	7.08E-07	5.86E-05	5.54E-03	0.005137	0.000235	5.79E-07	6.23E-05	0.005435
4597	497363.09	3859377.25	0.04609	0.05164	0.04516	0.04492	4.18E-03	0.00022	8.5E-07	0.0001	0.0045	5.27E-03	0.000276	7.18E-07	6.07E-05	5.61E-03	0.005197	0.000237	5.86E-07	6.45E-05	0.005499
4598	497863.09	3859377.25	0.04747	0.05278	0.04613	0.04899	4.30E-03	0.00022	8.6E-07	0.00011	0.00464	5.43E-03	0.000282	7.33E-07	6.62E-05	5.78E-03	0.005352	0.000242	5.99E-07	7.04E-05	0.005666
4599	498363.09	3859377.25	0.04706	0.05199	0.04538	0.05133	4.26E-03	0.00022	8.5E-07	0.00012	0.0046	5.38E-03	0.000278	7.21E-07	6.94E-05	5.73E-03	0.005306	0.000239	5.89E-07	7.37E-05	0.005619
4600	471363.09	3859877.25	0.00905	0.00914	0.00887	0.00723	8.20E-04	3.9E-05	1.7E-07	1.7E-05	0.00088	1.04E-03	4.88E-05	1.41E-07	9.78E-06	1.09E-03	0.00102	4.2E-05	1.15E-07	1.04E-05	0.001073
4601	471863.09	3859877.25	0.00958	0.00947	0.00942	0.0077	8.68E-04	4E-05	1.8E-07	1.8E-05	0.00093	1.10E-03	5.06E-05	1.5E-07	1.04E-05	1.16E-03	0.00108	4.35E-05	1.22E-07	1.11E-05	0.001135
4602	472363.09	3859877.25	0.0101	0.00981	0.00996	0.00807	9.15E-04	4.2E-05	1.9E-07	1.9E-05	0.00098	1.16E-03	5.24E-05	1.58E-07	1.09E-05	1.22E-03	0.001139	4.51E-05	1.29E-07	1.16E-05	0.001196
4603	472863.09	3859877.25	0.01079	0.01038	0.01063	0.00875	9.78E-04	4.4E-05	2E-07	2E-05	0.00104	1.23E-03	5.54E-05	1.69E-07	1.18E-05	1.30E-03	0.001217	4.77E-05	1.38E-07	1.26E-05	0.001277
4604	473363.09	3859877.25	0.01152	0.01121	0.01136	0.00941	1.04E-03	4.7E-05	2.1E-07	2.2E-05	0.00111	1.32E-03	5.99E-05	1.81E-07	1.27E-05	1.39E-03	0.001299	5.15E-05	1.47E-07	1.35E-05	0.001364
4605	473863.09	3859877.25	0.01227	0.01229	0.01212	0.00992	1.11E-03	5.2E-05	2.3E-07	2.3E-05	0.00119	1.40E-03	6.56E-05	1.93E-07	1.34E-05	1.48E-03	0.001383	5.64E-05	1.57E-07	1.42E-05	0.001454
4606	474363.09	3859877.25	0.0124	0.01305	0.01243	0.00877	1.12E-03	5.5E-05	2.3E-07	2E-05	0.0012	1.42E-03	6.97E-05	1.98E-07	1.19E-05	1.50E-03	0.001398	5.99E-05	1.61E-07	1.26E-05	0.001471
4607	474863.09	3859877.25	0.01163	0.01241	0.01203	0.00701	1.05E-03	5.3E-05	2.3E-07	1.6E-05	0.00112	1.33E-03	6.63E-05	1.91E-07	9.48E-06	1.41E-03	0.001311	5.7E-05	1.56E-07	1.01E-05	0.001378
4608	475363.09	3859877.25	0.00774	0.00777	0.00826	0.00422	7.01E-04	3.3E-05	1.5E-07	9.8E-06	0.00074	8.85E-04	4.15E-05	1.31E-07	5.71E-06	9.33E-04	0.000873	3.57E-05	1.07E-07	6.06E-06	0.000915
4609	475863.09	3859877.25	0.00379	0.00372	0.00399	0.00247	3.43E-04	1.6E-05	7.5E-08	5.7E-06	0.00036	4.33E-04	1.99E-05	6.34E-08	3.34E-06	4.57E-04	0.000427	1.71E-05	5.18E-08	3.55E-06	0.000448
4610	476363.09	3859877.25	0.00222	0.00221	0.00228	0.00169	2.01E-04	9.3E-06	4.3E-08	3.9E-06	0.00021	2.54E-04	1.18E-05	3.62E-08	2.29E-06	2.68E-04	0.00025	1.01E-05	2.96E-08	2.43E-06	0.000263
4611	476863.09	3859877.25	0.00263	0.00261	0.00272	0.00194	2.38E-04	1.1E-05	5.1E-08	4.5E-06	0.00025	3.01E-04	1.39E-05	4.32E-08	2.62E-06	3.17E-04	0.000297	1.2E-05	3.53E-08	2.79E-06	0.000311
4612	477363.09	3859877.25	0.00287	0.00289	0.00297	0.00209	2.60E-04	1.2E-05	5.6E-08	4.8E-06	0.00028	3.28E-04	1.54E-05	4.72E-08	2.83E-06	3.47E-04	0.000324	1.33E-05	3.86E-08	3E-06	0.00034
4613	477863.09	3859877.25	0.0056	0.00556	0.006	0.00343	5.07E-04	2.4E-05	1.1E-07	7.9E-06	0.00054	6.41E-04	2.97E-05	9.54E-08	4.64E-06	6.75E-04	0.000631	2.55E-05	7.79E-08	4.93E-06	0.000662
4614	478363.09	3859877.25	0.01063	0.01035	0.01157	0.00575	9.63E-04	4.4E-05	2.2E-07	1.3E-05	0.00102	1.22E-03	5.53E-05	1.84E-07	7.77E-06	1.28E-03	0.001199	4.75E-05	1.5E-07	8.26E-06	0.001254
4615	478863.09	3859877.25	0.01695	0.01652	0.01837	0.00956	1.54E-03	7E-05	3.4E-07	2.2E-05	0.00163	1.94E-03	8.82E-05	2.92E-07	1.29E-05	2.04E-03	0.001911	7.59E-05	2.38E-07	1.37E-05	0.002001
4616	479363.09	3859877.25	0.02278	0.02233	0.02401	0.01547	2.06E-03	9.4E-05	4.5E-07	3.6E-05	0.0022	2.61E-03	0.000119	3.82E-07	2.09E-05	2.75E-03	0.002568	0.000103	3.12E-07	2.22E-05	0.002694
4617	479863.09	3859877.25	0.02649	0.02676	0.02713	0.02085	2.40E-03	0.00011	5.1E-07	4.8E-05	0.00256	3.03E-03	0.000143	4.31E-07	2.82E-05	3.20E-03	0.002987	0.000123	3.52E-07	2.99E-05	0.00314
4618	480363.09	3859877.25	0.02942	0.02989	0.02982	0.02553	2.67E-03	0.00013	5.6E-07	5.9E-05	0.00285	3.37E-03	0.00016	4.74E-07	3.45E-05	3.56E-03	0.003317	0.000137	3.87E-07	3.67E-05	0.003491
4619	480863.09	3859877.25	0.03191	0.03267	0.03234	0.02909	2.89E-03	0.00014	6.1E-07	6.7E-05	0.0031	3.65E-03	0.000174	5.14E-07	3.93E-05	3.86E-03	0.003598	0.00015	4.2E-07	4.18E-05	0.00379
4620	481363.09	3859877.25	0.03461	0.0367	0.03485	0.03264	3.14E-03	0.00016	6.5E-07	7.6E-05	0.00337	3.96E-03	0.000196	5.54E-07	4.41E-05	4.20E-03	0.003902	0.000169	4.52E-07	4.69E-05	0.004118
4621	481863.09	3859877.25	0.03734	0.04066	0.03762	0.03571	3.38E-03	0.00017	7E-07	8.3E-05	0.00364	4.27E-03	0.000217	5.98E-07	4.83E-05	4.54E-03	0.00421	0.000187	4.88E-07	5.13E-05	0.004449
4622	482363.09	3859877.25	0.04021	0.04152	0.04051	0.03976	3.64E-03	0.00018	7.6E-07	9.2E-05	0.00391	4.60E-03	0.000222	6.44E-07	5.38E-05	4.88E-03	0.004534	0.000191	5.26E-07	5.71E-05	0.004782
4623	482863.09	3859877.25	0.04341	0.04176	0.04361	0.04397	3.93E-03	0.00018	8.2E-07	0.0001	0.00421	4.97E-03	0.000223	6.93E-07	5.95E-05	5.25E-03	0.004894	0.000192	5.66E-07	6.31E-05	0.00515
4624	483363.09	3859877.25	0.04656	0.0426	0.04705	0.04802	4.22E-03	0.00018	8.8E-07	0.00011	0.00451	5.33E-03	0.000227	7.48E-07	6.49E-05	5.62E-03	0.00525	0.000196	6.11E-07	6.9E-05	0.005515
4625	483863.09	3859877.25	0.04721	0.04216	0.04718	0.05384	4.28E-03	0.00018	8.8E-07	0.00012	0.00458	5.40E-03	0.000225	7.5E-07	7.28E-05	5.70E-03	0.005323	0.000194	6.12E-07	7.73E-05	0.005594
4626	484363.09	3859877.25	0.04952	0.04378	0.04931	0.05743	4.49E-03	0.00019	9.2E-07	0.00013	0.00481	5.66E-03	0.000234	7.84E-07	7.77E-05	5.98E-03	0.005583	0.000201	6.4E-07	8.25E-05	0.005868
4627	484863.09	3859877.25	0.05247	0.0479	0.05108	0.06102	4.75E-03	0.0002	9.6E-07	0.00014	0.0051	6.00E-03	0.000256	8.12E-07	8.25E-05	6.34E-03	0.005916	0.00022	6.63E-07	8.76E-05	0.006224
4628	485363.09	3859877.25	0.05524	0.05536	0.0518	0.06461	5.01E-03	0.00023	9.7E-07	0.00015	0.00539	6.32E-03	0.000296	8.23E-07	8.74E-05	6.70E-03	0.006228	0.000254	6.72E-07	9.28E-05	0.006576
4629	485863.09	3859877.25	0.05779	0.06026	0.05205	0.06825	5.24E-03	0.00025	9.7E-07	0.00016	0.00565	6.61E-03	0.000322	8.27E-07	9.23E-05	7.02E-03	0.006516	0.000277	6.76E-07	9.8E-05	0.006891
4630	486363.09	3859877.25	0.05998	0.05922	0.05188	0.07209	5.44E-03	0.00025	9.7E-07	0.00017	0.00585	6.86E-03	0.000316	8.25E-07	9.75E-05	7.27E-03	0.006763	0.000272	6.73E-07	0.000104	0.007139
4631	486863.09	3859877.25	0.06222	0.05934	0.05136	0.07396	5.64E-03	0.00025	9.6E-07	0.00017	0.00606	7.12E-03	0.000317	8.16E-07	0.0001	7.53E-03	0.007015	0.000273	6.67E-07	0.000106	0.007395
4632	487363.09	3859877.25	0.06342	0.055	0.05077	0.07262	5.75E-03	0.00023	9.5E-07	0.00017	0.00615	7.25E-03	0.000294	8.07E-07	9.82E-05	7.65E-03	0.007151	0.000253	6.59E-07	0.000104	0.007508

4633	487863.09	3859877.25	0.0673	0.06043	0.0517	0.07291	6.10E-03	0.00026	9.7E-07	0.00017	0.00652	7.70E-03	0.000323	8.22E-07	9.86E-05	8.12E-03	0.007588	0.000278	6.71E-07	0.000105	0.007971
4634	488363.09	3859877.25	0.06778	0.05861	0.0521	0.07409	6.14E-03	0.00025	9.8E-07	0.00017	0.00656	7.75E-03	0.000313	8.28E-07	0.0001	8.17E-03	0.007642	0.000269	6.76E-07	0.000106	0.008018
4635	488863.09	3859877.25	0.06927	0.06296	0.05339	0.07599	6.28E-03	0.00027	1E-06	0.00018	0.00672	7.92E-03	0.000336	8.49E-07	0.000103	8.36E-03	0.00781	0.000289	6.93E-07	0.000109	0.008209
4636	489363.09	3859877.25	0.0709	0.06543	0.05441	0.07806	6.43E-03	0.00028	1E-06	0.00018	0.00688	8.11E-03	0.000349	8.65E-07	0.000106	8.57E-03	0.007994	0.0003	7.06E-07	0.000112	0.008407
4637	489863.09	3859877.25	0.07061	0.06648	0.05521	0.0797	6.40E-03	0.00028	1E-06	0.00018	0.00687	8.08E-03	0.000355	8.77E-07	0.000108	8.54E-03	0.007961	0.000305	7.17E-07	0.000114	0.008382
4638	490363.09	3859877.25	0.06675	0.06327	0.05235	0.07538	6.05E-03	0.00027	9.8E-07	0.00017	0.00649	7.63E-03	0.000338	8.32E-07	0.000102	8.08E-03	0.007526	0.000291	6.8E-07	0.000108	0.007926
4639	490863.09	3859877.25	0.06778	0.06346	0.05121	0.07343	6.14E-03	0.00027	9.6E-07	0.00017	0.00658	7.75E-03	0.000339	8.14E-07	9.93E-05	8.19E-03	0.007642	0.000291	6.65E-07	0.000105	0.00804
4640	491363.09	3859877.25	0.06788	0.06615	0.05153	0.07681	6.15E-03	0.00028	9.6E-07	0.00018	0.00661	7.76E-03	0.000353	8.19E-07	0.000104	8.22E-03	0.007653	0.000304	6.69E-07	0.00011	0.008068
4641	491863.09	3859877.25	0.06773	0.06952	0.05378	0.07896	6.14E-03	0.00029	1E-06	0.00018	0.00662	7.75E-03	0.000371	8.55E-07	0.000107	8.23E-03	0.007637	0.000319	6.98E-07	0.000113	0.00807
4642	492363.09	3859877.25	0.06702	0.06998	0.0557	0.07853	6.07E-03	0.0003	1E-06	0.00018	0.00655	7.67E-03	0.000374	8.85E-07	0.000106	8.15E-03	0.007556	0.000321	7.23E-07	0.000113	0.007991
4643	492863.09	3859877.25	0.06554	0.06914	0.05618	0.075	5.94E-03	0.00029	1.1E-06	0.00017	0.00641	7.50E-03	0.000369	8.93E-07	0.000101	7.97E-03	0.00739	0.000318	7.29E-07	0.000108	0.007816
4644	493363.09	3859877.25	0.06334	0.06727	0.05492	0.07143	5.74E-03	0.00028	1E-06	0.00017	0.00619	7.24E-03	0.000359	8.73E-07	9.66E-05	7.70E-03	0.007142	0.000309	7.13E-07	0.000103	0.007554
4645	493863.09	3859877.25	0.06075	0.06507	0.05304	0.06747	5.51E-03	0.00028	9.9E-07	0.00016	0.00594	6.95E-03	0.000347	8.43E-07	9.12E-05	7.39E-03	0.00685	0.000299	6.88E-07	9.69E-05	0.007246
4646	494363.09	3859877.25	0.05785	0.06212	0.05124	0.06232	5.24E-03	0.00026	9.6E-07	0.00014	0.00565	6.62E-03	0.000332	8.14E-07	8.43E-05	7.03E-03	0.006523	0.000285	6.65E-07	8.95E-05	0.006898
4647	494863.09	3859877.25	0.05538	0.05967	0.04949	0.05972	5.02E-03	0.00025	9.3E-07	0.00014	0.00541	6.33E-03	0.000319	7.87E-07	8.07E-05	6.73E-03	0.006244	0.000274	6.42E-07	8.58E-05	0.006605
4648	495363.09	3859877.25	0.0528	0.05675	0.04798	0.05616	4.78E-03	0.00024	9E-07	0.00013	0.00516	6.04E-03	0.000303	7.63E-07	7.59E-05	6.42E-03	0.005953	0.000261	6.23E-07	8.06E-05	0.006295
4649	495863.09	3859877.25	0.05017	0.05396	0.0463	0.05236	4.55E-03	0.00023	8.7E-07	0.00012	0.0049	5.74E-03	0.000288	7.36E-07	7.08E-05	6.10E-03	0.005657	0.000248	6.01E-07	7.52E-05	0.00598
4650	496363.09	3859877.25	0.04652	0.05027	0.04378	0.04626	4.22E-03	0.00021	8.2E-07	0.00011	0.00454	5.32E-03	0.000268	6.96E-07	6.25E-05	5.65E-03	0.005245	0.000231	5.68E-07	6.64E-05	0.005543
4651	496863.09	3859877.25	0.03752	0.04049	0.03622	0.03438	3.40E-03	0.00017	6.8E-07	8E-05	0.00365	4.29E-03	0.000216	5.76E-07	4.65E-05	4.55E-03	0.00423	0.000186	4.7E-07	4.94E-05	0.004466
4652	497363.09	3859877.25	0.04218	0.04632	0.04031	0.04167	3.82E-03	0.0002	7.5E-07	9.7E-05	0.00412	4.82E-03	0.000247	6.41E-07	5.63E-05	5.13E-03	0.004756	0.000213	5.23E-07	5.98E-05	0.005029
4653	497863.09	3859877.25	0.04357	0.04815	0.04088	0.04765	3.95E-03	0.0002	7.7E-07	0.00011	0.00426	4.98E-03	0.000257	6.5E-07	6.44E-05	5.31E-03	0.004913	0.000221	5.31E-07	6.84E-05	0.005203
4654	498363.09	3859877.25	0.04201	0.04709	0.03904	0.04912	3.81E-03	0.0002	7.3E-07	0.00011	0.00412	4.81E-03	0.000251	6.2E-07	6.64E-05	5.12E-03	0.004737	0.000216	5.07E-07	7.05E-05	0.005024
4655	471363.09	3860377.25	0.0091	0.00864	0.00896	0.0075	8.25E-04	3.7E-05	1.7E-07	1.7E-05	0.00088	1.04E-03	4.61E-05	1.42E-07	1.01E-05	1.10E-03	0.001026	3.97E-05	1.16E-07	1.08E-05	0.001077
4656	471863.09	3860377.25	0.0096	0.00908	0.00947	0.0079	8.70E-04	3.8E-05	1.8E-07	1.8E-05	0.00093	1.10E-03	4.85E-05	1.51E-07	1.07E-05	1.16E-03	0.001082	4.17E-05	1.23E-07	1.13E-05	0.001136
4657	472363.09	3860377.25	0.01019	0.00977	0.01006	0.00842	9.23E-04	4.1E-05	1.9E-07	2E-05	0.00098	1.17E-03	5.22E-05	1.6E-07	1.14E-05	1.23E-03	0.001149	4.49E-05	1.31E-07	1.21E-05	0.001206
4658	472863.09	3860377.25	0.01085	0.01072	0.01076	0.00902	9.83E-04	4.5E-05	2E-07	2.1E-05	0.00105	1.24E-03	5.72E-05	1.71E-07	1.22E-05	1.31E-03	0.001223	4.92E-05	1.4E-07	1.3E-05	0.001286
4659	473363.09	3860377.25	0.01153	0.01167	0.01152	0.00955	1.04E-03	4.9E-05	2.2E-07	2.2E-05	0.00112	1.32E-03	6.23E-05	1.83E-07	1.29E-05	1.39E-03	0.0013	5.36E-05	1.5E-07	1.37E-05	0.001367
4660	473863.09	3860377.25	0.01218	0.01238	0.01233	0.01002	1.10E-03	5.2E-05	2.3E-07	2.3E-05	0.00118	1.39E-03	6.61E-05	1.96E-07	1.35E-05	1.47E-03	0.001373	5.69E-05	1.6E-07	1.44E-05	0.001445
4661	474363.09	3860377.25	0.0127	0.01255	0.01313	0.01008	1.15E-03	5.3E-05	2.5E-07	2.3E-05	0.00123	1.45E-03	6.7E-05	2.09E-07	1.36E-05	1.53E-03	0.001432	5.76E-05	1.7E-07	1.45E-05	0.001504
4662	474863.09	3860377.25	0.01291	0.01196	0.01366	0.00959	1.17E-03	5.1E-05	2.6E-07	2.2E-05	0.00124	1.48E-03	6.39E-05	2.17E-07	1.3E-05	1.55E-03	0.001456	5.49E-05	1.77E-07	1.38E-05	0.001524
4663	475363.09	3860377.25	0.01219	0.0109	0.01312	0.00797	1.10E-03	4.6E-05	2.5E-07	1.8E-05	0.00117	1.39E-03	5.82E-05	2.09E-07	1.08E-05	1.46E-03	0.001374	5.01E-05	1.7E-07	1.14E-05	0.001436
4664	475863.09	3860377.25	0.01069	0.0097	0.01159	0.00632	9.69E-04	4.1E-05	2.2E-07	1.5E-05	0.00102	1.22E-03	5.18E-05	1.84E-07	8.55E-06	1.28E-03	0.001205	4.45E-05	1.5E-07	9.08E-06	0.001259
4665	476363.09	3860377.25	0.00859	0.00812	0.00925	0.00483	7.78E-04	3.4E-05	1.7E-07	1.1E-05	0.00082	9.83E-04	4.34E-05	1.47E-07	6.53E-06	1.03E-03	0.000969	3.73E-05	1.2E-07	6.94E-06	0.001013
4666	476863.09	3860377.25	0.0078	0.00779	0.00838	0.0044	7.07E-04	3.3E-05	1.6E-07	1E-05	0.00075	8.92E-04	4.16E-05	1.33E-07	5.95E-06	9.40E-04	0.000879	3.58E-05	1.09E-07	6.32E-06	0.000922
4667	477363.09	3860377.25	0.00453	0.00446	0.00485	0.00289	4.11E-04	1.9E-05	9.1E-08	6.7E-06	0.00044	5.18E-04	2.38E-05	7.71E-08	3.91E-06	5.46E-04	0.000511	2.05E-05	6.3E-08	4.15E-06	0.000535
4668	477863.09	3860377.25	0.00595	0.00573	0.00642	0.00358	5.39E-04	2.4E-05	1.2E-07	8.3E-06	0.00057	6.81E-04	3.06E-05	1.02E-07	4.84E-06	7.16E-04	0.000671	2.63E-05	8.33E-08	5.14E-06	0.000702
4669	478363.09	3860377.25	0.01161	0.01145	0.01261	0.00643	1.05E-03	4.8E-05	2.4E-07	1.5E-05	0.00112	1.33E-03	6.11E-05	2E-07	8.69E-06	1.40E-03	0.001309	5.26E-05	1.64E-07	9.23E-06	0.001371
4670	478863.09	3860377.25	0.01666	0.01631	0.01773	0.00999	1.51E-03	6.9E-05	3.3E-07	2.3E-05	0.0016	1.91E-03	8.71E-05	2.82E-07	1.35E-05	2.01E-03	0.001878	7.49E-05	2.3E-07	1.43E-05	0.001968
4671	479363.09	3860377.25	0.02136	0.02128	0.02202	0.01518	1.94E-03	9E-05	4.1E-07	3.5E-05	0.00206	2.44E-03	0.000114	3.5E-07	2.05E-05	2.58E-03	0.002408	9.77E-05	2.86E-07	2.18E-05	0.002528
4672	479863.09	3860377.25	0.0246	0.02509	0.02487	0.02051	2.23E-03	0.00011	4.7E-07	4.8E-05	0.00238	2.81E-03	0.000134	3.95E-07	2.77E-05	2.98E-03	0.002774	0.000115	3.23E-07	2.95E-05	0.002919
4673	480363.09	3860377.25	0.02673	0.02821	0.02681	0.02447	2.42E-03	0.00012	5E-07	5.7E-05	0.0026	3.06E-03	0.000151	4.26E-07	3.31E-05	3.24E-03	0.003014	0.00013	3.48E-07	3.51E-05	0.003179
4674	480863.09	3860377.25	0.02869	0.03128	0.02844	0.0275	2.60E-03	0.00013	5.3E-07	6.4E-05	0.0028	3.28E-03	0.000167	4.52E-07	3.72E-05	3.49E-03	0.003235	0.000144	3.69E-07	3.95E-05	0.003418
4675	481363.09	3860377.25	0.03084	0.03363	0.03047	0.02972	2.79E-03	0.00014	5.7E-07	6.9E-05	0.00301	3.53E-03	0.00018	4.84E-07	4.02E-05	3.75E-03	0.003477	0.000154	3.96E-07	4.27E-05	0.003675
4676	481863.09	3860377.25	0.03302	0.03298	0.03287	0.03253	2.99E-03	0.00014	6.2E-07	7.5E-05	0.00321	3.78E-03	0.000176	5.22E-07	4.4E-05	4.00E-03	0.003723	0.000151	4.27E-07	4.67E-05	0.003922
4677	482363.09	3860377.25	0.03529	0.03183	0.03525	0.03559	3.20E-03	0.00013	6.6E-07	8.2E-05	0.00342	4.04E-03	0.00017	5.6E-07	4.81E-05	4.26E-03	0.003979	0.000146	4.58E-07	5.11E-05	0.004177
4678	482863.09	3860377.25	0.03767	0.03447	0.03759	0.03824	3.41E-03	0.00015	7E-07	8.9E-05	0.00365	4.31E-03	0.000184	5.97E-07	5.17E-05	4.54E-03	0.004247	0.000158	4.88E-07	5.49E-05	0.004461
4679	483363.09	3860377.25	0.0397	0.03625	0.03981	0.04135	3.60E-03	0.00015	7.5E-07	9.6E-05	0.00385	4.54E-03	0.000194	6.33E-07	5.59E-05	4.79E-03	0.004476	0.000166	5.17E-07	5.94E-05	0.004703
4680	483863.09	3860377.25	0.04205	0.03758	0.04212	0.04427	3.81E-03	0.00016	7.9E-07	0.0001	0.00407	4.81E-03	0.000201	6.69E-07	5.99E-05	5.07E-03	0.004741	0.000173	5.47E-07	6.36E-05	0.004978
4681	484363.09	3860377.25	0.04221	0.03838	0.0417	0.0472	3.83E-03	0.00016	7.8E-07	0.00011	0.0041	4.83E-03	0.000205	6.63E-07	6.38E-05	5.10E-03	0.004759	0.000176	5.41E-07	6.78E-05	0.005004
4682	484863.09	3860377.25	0.04383	0.04116	0.04236	0.05016	3.97E-03	0.00017	7.9E-07	0.00012	0.00426	5.01E-03	0.00022	6.73E-07	6.78E-05	5.30E-03	0.004942	0.000189	5.5E-07	7.2E-05	0.005203
4683	485363.09	3860377.25	0.04517	0.04558	0.04211	0.05217	4.09E-03	0.00019	7.9E-07	0.00012	0.00441	5.17E-03	0.000243	6.69E-07	7.05E-05	5.48E-03	0.005093	0.000209	5.47E-07	7.49E-05	0.005378
4684	485863.09	3860377.25	0.04661	0.04675	0.04237	0.0542	4.22E-03	0.0002	7.9E-07	0.00013	0.00455	5.33E-03	0.00025	6.73E-07	7.33E-05	5.65E-03	0.005255	0.000215	5.5E-07	7.78E-05	0.005548
4685	486363.09	3860377.25	0.04725	0.04705	0.04178	0.05552	4.28E-03	0.0002	7.8E-07	0.00013	0.00461	5.40E-03	0.000251	6.64E-07	7.51E-05	5.73E-03	0.005327	0.000216	5.42E-07	7.97E-05	0.005624
4686	486863.09	3860377.25	0.04794	0.04495	0.04099	0.05537	4.34E-03	0.00019	7.7E-07	0.00013	0.00466	5.48E-03	0.00024	6.51E-07	7.49E-05	5.80E-03	0.005405	0.000206	5.32E-07	7.95E-05	0.005692
4687	487363.09	3860377.25	0.04845	0.04226	0.04054	0.05451	4.39E-03	0.00018	7.6E-07	0.00013	0.0047	5.54E-03	0.000226	6.44E-07	7.37E-05	5.84E-03	0.005463	0.000194	5.26E-07	7.83E-05	0.005736
4688	487863.09	3860377.25	0.04974	0.04548	0.04096	0.05419	4.51E-03	0.00019	7.7E-07	0.00013	0.00483	5.69E-03	0.000243	6.51E-07	7.33E-05	6.01E-03	0.005608	0.000209	5.32E-07	7.78E-05	0.005895
4689	488363.09	3860377.25	0.05004	0.04592	0.04124	0.05542	4.53E-03	0.00019	7.7E-07	0.00013	0.00486	5.72E-03	0.000245	6.55E-07	7.49E-05	6.04E-03	0.005642	0.000211	5.35E-07	7.96E-05	0.005933
4690	488863.09	3860377.25	0.05048	0.04678	0.04222	0.05628	4.57E-03	0.0002	7.9E-07	0.00013	0.0049	5.77E-03	0.00025	6.71E-07	7.61E-05	6.10E-03	0.005692	0.000215	5.48E-07	8.08E-05	0.005988
4691	489363.09	3860377.25	0.0514	0.04907	0.0429	0.05831	4.66E-03	0.00021	8E-07	0.00014	0.005	5.88E-03	0.000262	6.82E-07	7.88E-05	6.22E-03	0.005795	0.000225	5.57E-07	8.37E-05	0.006105
4692	489863.09	3860377.25	0.05273	0.05096	0.04374	0.05946	4.78E-03	0.00022	8.2E-07	0.00014	0.00513	6.03E-03	0.000272	6.95E-07	8.04E-05	6.38E-03	0.005945	0.000234	5.68E-07	8.54E-05	0.006265
4693	490363.09	3860377.25	0.05241	0.05154	0.04428	0.06123	4.75E-03	0.00022	8.3E-07	0.00014	0.00511	5.99E-03	0.000275	7.04E-07	8.28E-05	6.35E-03	0.005909	0.000237	5.75E-07	8.79E-05	0.006234

4694	490863.09	3860377.25	0.04971	0.0495	0.04241	0.05855	4.50E-03	0.00021	7.9E-07	0.00014	0.00485	5.69E-03	0.000264	6.74E-07	7.92E-05	6.03E-03	0.005605	0.000227	5.5E-07	8.41E-05	0.005917
4695	491363.09	3860377.25	0.04778	0.04692	0.03975	0.05505	4.33E-03	0.0002	7.4E-07	0.00013	0.00466	5.46E-03	0.000251	6.32E-07	7.44E-05	5.79E-03	0.005387	0.000215	5.16E-07	7.91E-05	0.005682
4696	491863.09	3860377.25	0.04826	0.04744	0.03932	0.05565	4.37E-03	0.0002	7.4E-07	0.00013	0.0047	5.52E-03	0.000253	6.25E-07	7.52E-05	5.85E-03	0.005441	0.000218	5.1E-07	7.99E-05	0.00574
4697	492363.09	3860377.25	0.04975	0.05071	0.0408	0.05854	4.51E-03	0.00021	7.6E-07	0.00014	0.00486	5.69E-03	0.000271	6.48E-07	7.92E-05	6.04E-03	0.005609	0.000233	5.3E-07	8.41E-05	0.005927
4698	492863.09	3860377.25	0.04993	0.05238	0.04232	0.06035	4.52E-03	0.00022	7.9E-07	0.00014	0.00489	5.71E-03	0.00028	6.73E-07	8.16E-05	6.07E-03	0.00563	0.000241	5.49E-07	8.67E-05	0.005957
4699	493363.09	3860377.25	0.05052	0.05367	0.04429	0.06031	4.58E-03	0.00023	8.3E-07	0.00014	0.00495	5.78E-03	0.000287	7.04E-07	8.15E-05	6.15E-03	0.005696	0.000246	5.75E-07	8.66E-05	0.00603
4700	493863.09	3860377.25	0.04951	0.05245	0.04401	0.05939	4.49E-03	0.00022	8.2E-07	0.00014	0.00485	5.66E-03	0.00028	6.99E-07	8.03E-05	6.02E-03	0.005582	0.000241	5.71E-07	8.53E-05	0.005909
4701	494363.09	3860377.25	0.04863	0.05184	0.04348	0.05698	4.41E-03	0.00022	8.1E-07	0.00013	0.00476	5.56E-03	0.000277	6.91E-07	7.7E-05	5.92E-03	0.005483	0.000238	5.64E-07	8.18E-05	0.005803
4702	494863.09	3860377.25	0.0469	0.05018	0.04193	0.05508	4.25E-03	0.00021	7.8E-07	0.00013	0.00459	5.36E-03	0.000268	6.66E-07	7.45E-05	5.71E-03	0.005288	0.00023	5.44E-07	7.91E-05	0.005598
4703	495363.09	3860377.25	0.04547	0.04899	0.0408	0.0525	4.12E-03	0.00021	7.6E-07	0.00012	0.00445	5.20E-03	0.000262	6.48E-07	7.1E-05	5.53E-03	0.005127	0.000225	5.3E-07	7.54E-05	0.005428
4704	495863.09	3860377.25	0.04389	0.0474	0.03985	0.04827	3.98E-03	0.0002	7.5E-07	0.00011	0.00429	5.02E-03	0.000253	6.33E-07	6.53E-05	5.34E-03	0.004949	0.000218	5.17E-07	6.93E-05	0.005236
4705	496363.09	3860377.25	0.04179	0.04492	0.03893	0.04338	3.79E-03	0.00019	7.3E-07	0.0001	0.00408	4.78E-03	0.00024	6.19E-07	5.87E-05	5.08E-03	0.004712	0.000206	5.05E-07	6.23E-05	0.004981
4706	496863.09	3860377.25	0.03938	0.04241	0.03737	0.03921	3.57E-03	0.00018	7E-07	9.1E-05	0.00384	4.50E-03	0.000226	5.94E-07	5.3E-05	4.78E-03	0.00444	0.000195	4.85E-07	5.63E-05	0.004692
4707	497363.09	3860377.25	0.0362	0.03902	0.03495	0.0343	3.28E-03	0.00017	6.5E-07	7.9E-05	0.00353	4.14E-03	0.000208	5.55E-07	4.64E-05	4.40E-03	0.004082	0.000179	4.54E-07	4.93E-05	0.00431
4708	497863.09	3860377.25	0.03794	0.04064	0.0357	0.03969	3.44E-03	0.00017	6.7E-07	9.2E-05	0.0037	4.34E-03	0.000217	5.67E-07	5.37E-05	4.61E-03	0.004278	0.000187	4.63E-07	5.7E-05	0.004522
4709	498363.09	3860377.25	0.03717	0.04086	0.03424	0.04266	3.37E-03	0.00017	6.4E-07	9.9E-05	0.00364	4.25E-03	0.000218	5.44E-07	5.77E-05	4.53E-03	0.004191	0.000188	4.44E-07	6.13E-05	0.00444
4710	471363.09	3860877.25	0.00913	0.0087	0.00905	0.00774	8.27E-04	3.7E-05	1.7E-07	1.8E-05	0.00088	1.04E-03	4.65E-05	1.44E-07	1.05E-05	1.10E-03	0.001029	4E-05	1.17E-07	1.11E-05	0.001081
4711	471863.09	3860877.25	0.00964	0.00948	0.00959	0.00816	8.74E-04	4E-05	1.8E-07	1.9E-05	0.00093	1.10E-03	5.06E-05	1.52E-07	1.1E-05	1.16E-03	0.001087	4.35E-05	1.24E-07	1.17E-05	0.001142
4712	472363.09	3860877.25	0.01017	0.01028	0.0102	0.00858	9.22E-04	4.3E-05	1.9E-07	2E-05	0.00099	1.16E-03	5.49E-05	1.62E-07	1.16E-05	1.23E-03	0.001147	4.72E-05	1.32E-07	1.23E-05	0.001206
4713	472863.09	3860877.25	0.01076	0.01084	0.01091	0.00919	9.75E-04	4.6E-05	2E-07	2.1E-05	0.00104	1.23E-03	5.79E-05	1.73E-07	1.24E-05	1.30E-03	0.001213	4.98E-05	1.42E-07	1.32E-05	0.001276
4714	473363.09	3860877.25	0.01132	0.01119	0.01161	0.00982	1.03E-03	4.7E-05	2.2E-07	2.3E-05	0.0011	1.29E-03	5.97E-05	1.85E-07	1.33E-05	1.37E-03	0.001276	5.14E-05	1.51E-07	1.41E-05	0.001342
4715	473863.09	3860877.25	0.01186	0.0113	0.0123	0.0105	1.07E-03	4.8E-05	2.3E-07	2.4E-05	0.00115	1.36E-03	6.03E-05	1.95E-07	1.42E-05	1.43E-03	0.001337	5.19E-05	1.6E-07	1.51E-05	0.001404
4716	474363.09	3860877.25	0.01241	0.01124	0.01297	0.01103	1.12E-03	4.8E-05	2.4E-07	2.6E-05	0.0012	1.42E-03	6E-05	2.06E-07	1.49E-05	1.49E-03	0.001399	5.16E-05	1.68E-07	1.58E-05	0.001467
4717	474863.09	3860877.25	0.013	0.01153	0.01361	0.01155	1.18E-03	4.9E-05	2.5E-07	2.7E-05	0.00125	1.49E-03	6.16E-05	2.16E-07	1.56E-05	1.56E-03	0.001466	5.3E-05	1.77E-07	1.66E-05	0.001535
4718	475363.09	3860877.25	0.01338	0.0121	0.01404	0.01122	1.21E-03	5.1E-05	2.6E-07	2.6E-05	0.00129	1.53E-03	6.46E-05	2.23E-07	1.52E-05	1.61E-03	0.001509	5.56E-05	1.82E-07	1.61E-05	0.00158
4719	475863.09	3860877.25	0.01339	0.01286	0.0141	0.01015	1.21E-03	5.4E-05	2.6E-07	2.4E-05	0.00129	1.53E-03	6.87E-05	2.24E-07	1.37E-05	1.61E-03	0.00151	5.91E-05	1.83E-07	1.46E-05	0.001584
4720	476363.09	3860877.25	0.01281	0.01311	0.01357	0.00852	1.16E-03	5.5E-05	2.5E-07	2E-05	0.00124	1.47E-03	7E-05	2.16E-07	1.15E-05	1.55E-03	0.001444	6.02E-05	1.76E-07	1.22E-05	0.001517
4721	476863.09	3860877.25	0.01269	0.01306	0.01351	0.00799	1.15E-03	5.5E-05	2.5E-07	1.9E-05	0.00122	1.45E-03	6.97E-05	2.15E-07	1.08E-05	1.53E-03	0.001431	6E-05	1.75E-07	1.15E-05	0.001502
4722	477363.09	3860877.25	0.01325	0.01326	0.01412	0.00827	1.20E-03	5.6E-05	2.6E-07	1.9E-05	0.00128	1.52E-03	7.08E-05	2.24E-07	1.12E-05	1.60E-03	0.001494	6.09E-05	1.83E-07	1.19E-05	0.001567
4723	477863.09	3860877.25	0.01193	0.01151	0.01287	0.00691	1.08E-03	4.9E-05	2.4E-07	1.6E-05	0.00115	1.36E-03	6.15E-05	2.05E-07	9.34E-06	1.44E-03	0.001345	5.29E-05	1.67E-07	9.92E-06	0.001408
4724	478363.09	3860877.25	0.00724	0.00641	0.00787	0.00421	6.56E-04	2.7E-05	1.5E-07	9.8E-06	0.00069	8.28E-04	3.42E-05	1.25E-07	5.69E-06	8.68E-04	0.000816	2.94E-05	1.02E-07	6.05E-06	0.000852
4725	478863.09	3860877.25	0.01538	0.01492	0.01626	0.00933	1.39E-03	6.3E-05	3E-07	2.2E-05	0.00148	1.76E-03	7.97E-05	2.58E-07	1.26E-05	1.85E-03	0.001734	6.85E-05	2.11E-07	1.34E-05	0.001816
4726	479363.09	3860877.25	0.01991	0.02132	0.02035	0.01481	1.80E-03	9E-05	3.8E-07	3.4E-05	0.00193	2.28E-03	0.000114	3.23E-07	2E-05	2.41E-03	0.002245	9.79E-05	2.64E-07	2.13E-05	0.002364
4727	479863.09	3860877.25	0.0225	0.0249	0.02239	0.01946	2.04E-03	0.00011	4.2E-07	4.5E-05	0.00219	2.57E-03	0.000133	3.56E-07	2.63E-05	2.73E-03	0.002537	0.000114	2.91E-07	2.79E-05	0.002679
4728	480363.09	3860877.25	0.02427	0.02637	0.02379	0.02279	2.20E-03	0.00011	4.5E-07	5.3E-05	0.00236	2.78E-03	0.000141	3.78E-07	3.08E-05	2.95E-03	0.002736	0.000121	3.09E-07	3.27E-05	0.002891
4729	480863.09	3860877.25	0.02599	0.02707	0.02539	0.02488	2.36E-03	0.00011	4.8E-07	5.8E-05	0.00253	2.97E-03	0.000145	4.04E-07	3.36E-05	3.15E-03	0.00293	0.000124	3.3E-07	3.57E-05	0.003091
4730	481363.09	3860877.25	0.0277	0.02675	0.02729	0.02702	2.51E-03	0.00011	5.1E-07	6.3E-05	0.00269	3.17E-03	0.000143	4.34E-07	3.65E-05	3.35E-03	0.003123	0.000123	3.54E-07	3.88E-05	0.003285
4731	481863.09	3860877.25	0.02936	0.02647	0.02923	0.02919	2.66E-03	0.00011	5.5E-07	6.8E-05	0.00284	3.36E-03	0.000141	4.65E-07	3.95E-05	3.54E-03	0.00331	0.000122	3.79E-07	4.19E-05	0.003474
4732	482363.09	3860877.25	0.03096	0.02784	0.03077	0.03147	2.81E-03	0.00012	5.8E-07	7.3E-05	0.003	3.54E-03	0.000149	4.89E-07	4.26E-05	3.73E-03	0.003491	0.000128	3.99E-07	4.52E-05	0.003664
4733	482863.09	3860877.25	0.03283	0.03042	0.0327	0.03286	2.98E-03	0.00013	6.1E-07	7.6E-05	0.00318	3.76E-03	0.000162	5.2E-07	4.44E-05	3.96E-03	0.003702	0.00014	4.24E-07	4.72E-05	0.003889
4734	483363.09	3860877.25	0.03462	0.03105	0.03475	0.03511	3.14E-03	0.00013	6.5E-07	8.1E-05	0.00335	3.96E-03	0.000166	5.52E-07	4.75E-05	4.17E-03	0.003903	0.000143	4.51E-07	5.04E-05	0.004097
4735	483863.09	3860877.25	0.03618	0.03323	0.03611	0.03789	3.28E-03	0.00014	6.8E-07	8.8E-05	0.00351	4.14E-03	0.000177	5.74E-07	5.12E-05	4.37E-03	0.004079	0.000153	4.69E-07	5.44E-05	0.004287
4736	484363.09	3860877.25	0.03692	0.0348	0.03639	0.04032	3.35E-03	0.00015	6.8E-07	9.3E-05	0.00359	4.22E-03	0.000186	5.78E-07	5.45E-05	4.46E-03	0.004163	0.00016	4.72E-07	5.79E-05	0.004381
4737	484863.09	3860877.25	0.0368	0.03514	0.03548	0.04187	3.33E-03	0.00015	6.6E-07	9.7E-05	0.00358	4.21E-03	0.000188	5.64E-07	5.66E-05	4.45E-03	0.004149	0.000161	4.61E-07	6.01E-05	0.004371
4738	485363.09	3860877.25	0.03768	0.03762	0.03525	0.04326	3.41E-03	0.00016	6.6E-07	0.0001	0.00367	4.31E-03	0.000201	5.6E-07	5.85E-05	4.57E-03	0.004248	0.000173	4.58E-07	6.21E-05	0.004484
4739	485863.09	3860877.25	0.03897	0.03795	0.03572	0.04408	3.53E-03	0.00016	6.7E-07	0.0001	0.00379	4.46E-03	0.000203	5.68E-07	5.96E-05	4.72E-03	0.004394	0.000174	4.64E-07	6.33E-05	0.004632
4740	486363.09	3860877.25	0.03881	0.03875	0.0347	0.04412	3.52E-03	0.00016	6.5E-07	0.0001	0.00378	4.44E-03	0.000207	5.51E-07	5.97E-05	4.71E-03	0.004376	0.000178	4.5E-07	6.34E-05	0.004618
4741	486863.09	3860877.25	0.039	0.03631	0.03412	0.0437	3.53E-03	0.00015	6.4E-07	0.0001	0.00379	4.46E-03	0.000194	5.42E-07	5.91E-05	4.71E-03	0.004397	0.000167	4.43E-07	6.28E-05	0.004627
4742	487363.09	3860877.25	0.03891	0.03388	0.03367	0.04304	3.53E-03	0.00014	6.3E-07	1E-04	0.00377	4.45E-03	0.000181	5.35E-07	5.82E-05	4.69E-03	0.004387	0.000156	4.37E-07	6.18E-05	0.004605
4743	487863.09	3860877.25	0.03869	0.03527	0.03337	0.04209	3.51E-03	0.00015	6.2E-07	9.7E-05	0.00375	4.43E-03	0.000188	5.3E-07	5.69E-05	4.67E-03	0.004362	0.000162	4.33E-07	6.04E-05	0.004585
4744	488363.09	3860877.25	0.03991	0.0382	0.03423	0.04363	3.62E-03	0.00016	6.4E-07	0.0001	0.00388	4.56E-03	0.000204	5.44E-07	5.9E-05	4.83E-03	0.0045	0.000175	4.44E-07	6.27E-05	0.004738
4745	488863.09	3860877.25	0.0392	0.03634	0.03414	0.04399	3.55E-03	0.00015	6.4E-07	0.0001	0.00381	4.48E-03	0.000194	5.43E-07	5.95E-05	4.74E-03	0.00442	0.000167	4.43E-07	6.32E-05	0.00465
4746	489363.09	3860877.25	0.04058	0.0391	0.03536	0.04531	3.68E-03	0.00017	6.6E-07	0.0001	0.00395	4.64E-03	0.000209	5.62E-07	6.13E-05	4.91E-03	0.004575	0.00018	4.59E-07	6.51E-05	0.00482
4747	489863.09	3860877.25	0.04007	0.03897	0.03489	0.04594	3.63E-03	0.00016	6.5E-07	0.00011	0.0039	4.58E-03	0.000208	5.55E-07	6.21E-05	4.85E-03	0.004518	0.000179	4.53E-07	6.6E-05	0.004763
4748	490363.09	3860877.25	0.04075	0.04014	0.03531	0.04663	3.69E-03	0.00017	6.6E-07	0.00011	0.00397	4.66E-03	0.000214	5.61E-07	6.3E-05	4.94E-03	0.004595	0.000184	4.58E-07	6.7E-05	0.004846
4749	490863.09	3860877.25	0.04102	0.04109	0.03616	0.0484	3.72E-03	0.00017	6.8E-07	0.00011	0.004	4.69E-03	0.000219	5.75E-07	6.54E-05	4.98E-03	0.004625	0.000189	4.69E-07	6.95E-05	0.004884
4750	491363.09	3860877.25	0.03931	0.03985	0.035	0.04686	3.56E-03	0.00017	6.6E-07	0.00011	0.00384	4.50E-03	0.000213	5.56E-07	6.34E-05	4.77E-03	0.004432	0.000183	4.54E-07	6.73E-05	0.004683
4751	491863.09	3860877.25	0.03764	0.03794	0.03303	0.04386	3.41E-03	0.00016	6.2E-07	0.0001	0.00367	4.31E-03	0.000203	5.25E-07	5.93E-05	4.57E-03	0.004244	0.000174	4.29E-07	6.3E-05	0.004482
4752	492363.09	3860877.25	0.0366	0.03667	0.03159	0.04264	3.32E-03	0.00016	5.9E-07	9.9E-05	0.00357	4.19E-03	0.000196	5.02E-07	5.77E-05	4.44E-03	0.004127	0.000168	4.1E-07	6.12E-05	0.004357
4753	492863.09	3860877.25	0.03731	0.03775	0.0318	0.04384	3.38E-03	0.00016	6E-07	0.0001	0.00364	4.27E-03	0.000202	5.05E-07	5.93E-05	4.53E-03	0.004207	0.000173	4.13E-07	6.3E-05	0.004443
4754	493363.09	3860877.25	0.03866	0.04026	0.03321	0.04632	3.50E-03	0.00017	6.2E-07	0.00011	0.00378	4.42E-03	0.000215	5.28E-07	6.26E-05	4.70E-03	0.004359	0.000185	4.31E-07	6.65E-05	0.004611

4755	493863.09	3860877.25	0.03897	0.04135	0.03441	0.04766	3.53E-03	0.00017	6.4E-07	0.00011	0.00382	4.46E-03	0.000221	5.47E-07	6.44E-05	4.74E-03	0.004394	0.00019	4.47E-07	6.84E-05	0.004653
4756	494363.09	3860877.25	0.03904	0.04156	0.03527	0.04788	3.54E-03	0.00018	6.6E-07	0.00011	0.00383	4.47E-03	0.000222	5.61E-07	6.47E-05	4.75E-03	0.004402	0.000191	4.58E-07	6.88E-05	0.004662
4757	494863.09	3860877.25	0.0389	0.04144	0.03551	0.04725	3.53E-03	0.00018	6.6E-07	0.00011	0.00381	4.45E-03	0.000221	5.64E-07	6.39E-05	4.74E-03	0.004386	0.00019	4.61E-07	6.79E-05	0.004645
4758	495363.09	3860877.25	0.03834	0.041	0.03507	0.04602	3.47E-03	0.00017	6.6E-07	0.00011	0.00376	4.39E-03	0.000219	5.57E-07	6.22E-05	4.67E-03	0.004323	0.000188	4.55E-07	6.61E-05	0.004578
4759	495863.09	3860877.25	0.0373	0.04008	0.0341	0.04452	3.38E-03	0.00017	6.4E-07	0.0001	0.00365	4.27E-03	0.000214	5.42E-07	6.02E-05	4.54E-03	0.004206	0.000184	4.43E-07	6.39E-05	0.004454
4760	496363.09	3860877.25	0.03666	0.03964	0.03355	0.04273	3.32E-03	0.00017	6.3E-07	9.9E-05	0.00359	4.19E-03	0.000212	5.33E-07	5.78E-05	4.46E-03	0.004133	0.000182	4.35E-07	6.14E-05	0.004377
4761	496863.09	3860877.25	0.03574	0.0387	0.03299	0.03945	3.24E-03	0.00016	6.2E-07	9.1E-05	0.00349	4.09E-03	0.000207	5.24E-07	5.33E-05	4.35E-03	0.00403	0.000178	4.28E-07	5.67E-05	0.004264
4762	497363.09	3860877.25	0.0347	0.03761	0.03213	0.03847	3.14E-03	0.00016	6E-07	8.9E-05	0.00339	3.97E-03	0.000201	5.11E-07	5.2E-05	4.22E-03	0.003912	0.000173	4.17E-07	5.52E-05	0.004141
4763	497863.09	3860877.25	0.03372	0.03637	0.03152	0.03682	3.06E-03	0.00015	5.9E-07	8.5E-05	0.0033	3.86E-03	0.000194	5.01E-07	4.98E-05	4.10E-03	0.003802	0.000167	4.09E-07	5.29E-05	0.004022
4764	498363.09	3860877.25	0.03273	0.03577	0.03032	0.03736	2.97E-03	0.00015	5.7E-07	8.7E-05	0.0032	3.74E-03	0.000191	4.82E-07	5.05E-05	3.99E-03	0.00369	0.000164	3.94E-07	5.37E-05	0.003909
4765	471363.09	3861377.25	0.00907	0.0092	0.00912	0.00783	8.22E-04	3.9E-05	1.7E-07	1.8E-05	0.00088	1.04E-03	4.91E-05	1.45E-07	1.06E-05	1.10E-03	0.001023	4.22E-05	1.18E-07	1.12E-05	0.001076
4766	471863.09	3861377.25	0.00954	0.00974	0.00967	0.00828	8.65E-04	4.1E-05	1.8E-07	1.9E-05	0.00093	1.09E-03	5.2E-05	1.54E-07	1.12E-05	1.15E-03	0.001076	4.47E-05	1.26E-07	1.19E-05	0.001132
4767	472363.09	3861377.25	0.01001	0.01008	0.01026	0.00886	9.07E-04	4.3E-05	1.9E-07	2.1E-05	0.00097	1.14E-03	5.38E-05	1.63E-07	1.2E-05	1.21E-03	0.001129	4.63E-05	1.33E-07	1.27E-05	0.001188
4768	472863.09	3861377.25	0.0105	0.01028	0.01085	0.0096	9.52E-04	4.3E-05	2E-07	2.2E-05	0.00102	1.20E-03	5.49E-05	1.72E-07	1.3E-05	1.27E-03	0.001184	4.72E-05	1.41E-07	1.38E-05	0.001245
4769	473363.09	3861377.25	0.01097	0.01035	0.01139	0.01026	9.94E-04	4.4E-05	2.1E-07	2.4E-05	0.00106	1.25E-03	5.53E-05	1.81E-07	1.39E-05	1.32E-03	0.001237	4.75E-05	1.48E-07	1.47E-05	0.001299
4770	473863.09	3861377.25	0.01144	0.01052	0.01188	0.01073	1.04E-03	4.5E-05	2.2E-07	2.5E-05	0.00111	1.31E-03	5.62E-05	1.89E-07	1.45E-05	1.38E-03	0.00129	4.83E-05	1.54E-07	1.54E-05	0.001354
4771	474363.09	3861377.25	0.01198	0.01099	0.01237	0.01137	1.09E-03	4.6E-05	2.3E-07	2.6E-05	0.00116	1.37E-03	5.87E-05	1.97E-07	1.54E-05	1.44E-03	0.001351	5.05E-05	1.61E-07	1.63E-05	0.001418
4772	474863.09	3861377.25	0.01252	0.01177	0.0129	0.01162	1.13E-03	5E-05	2.4E-07	2.7E-05	0.00121	1.43E-03	6.28E-05	2.05E-07	1.57E-05	1.51E-03	0.001412	5.41E-05	1.67E-07	1.67E-05	0.001483
4773	475363.09	3861377.25	0.01314	0.01262	0.01346	0.01221	1.19E-03	5.3E-05	2.5E-07	2.8E-05	0.00127	1.50E-03	6.74E-05	2.14E-07	1.65E-05	1.59E-03	0.001482	5.8E-05	1.75E-07	1.75E-05	0.001557
4774	475863.09	3861377.25	0.01366	0.01342	0.01399	0.01226	1.24E-03	5.7E-05	2.6E-07	2.8E-05	0.00132	1.56E-03	7.17E-05	2.22E-07	1.66E-05	1.65E-03	0.00154	6.16E-05	1.82E-07	1.76E-05	0.00162
4775	476363.09	3861377.25	0.01407	0.01384	0.01444	0.01195	1.28E-03	5.9E-05	2.7E-07	2.8E-05	0.00136	1.61E-03	7.39E-05	2.29E-07	1.62E-05	1.70E-03	0.001586	6.36E-05	1.87E-07	1.72E-05	0.001667
4776	476863.09	3861377.25	0.01447	0.014	0.01491	0.01177	1.31E-03	5.9E-05	2.8E-07	2.7E-05	0.0014	1.66E-03	7.48E-05	2.37E-07	1.59E-05	1.75E-03	0.001631	6.43E-05	1.94E-07	1.69E-05	0.001713
4777	477363.09	3861377.25	0.01487	0.01415	0.01541	0.01166	1.35E-03	6E-05	2.9E-07	2.7E-05	0.00143	1.70E-03	7.56E-05	2.45E-07	1.58E-05	1.79E-03	0.001677	6.5E-05	2E-07	1.67E-05	0.001759
4778	477863.09	3861377.25	0.01361	0.01289	0.01441	0.00901	1.23E-03	5.5E-05	2.7E-07	2.1E-05	0.00131	1.56E-03	6.88E-05	2.29E-07	1.22E-05	1.64E-03	0.001535	5.92E-05	1.87E-07	1.29E-05	0.001607
4779	478363.09	3861377.25	0.00886	0.00843	0.00956	0.00499	8.03E-04	3.6E-05	1.8E-07	1.2E-05	0.00085	1.01E-03	4.5E-05	1.52E-07	6.75E-06	1.07E-03	0.000999	3.87E-05	1.24E-07	7.17E-06	0.001045
4780	478863.09	3861377.25	0.01112	0.01214	0.01175	0.00621	1.01E-03	5.1E-05	2.2E-07	1.4E-05	0.00107	1.27E-03	6.48E-05	1.87E-07	8.4E-06	1.35E-03	0.001254	5.58E-05	1.53E-07	8.92E-06	0.001319
4781	479363.09	3861377.25	0.01797	0.02081	0.01807	0.01319	1.63E-03	8.8E-05	3.4E-07	3.1E-05	0.00175	2.06E-03	0.000111	2.87E-07	1.78E-05	2.18E-03	0.002026	9.56E-05	2.35E-07	1.89E-05	0.002141
4782	479863.09	3861377.25	0.02059	0.02152	0.02016	0.01796	1.87E-03	9.1E-05	3.8E-07	4.2E-05	0.002	2.36E-03	0.000115	3.2E-07	2.43E-05	2.49E-03	0.002322	9.88E-05	2.62E-07	2.58E-05	0.002446
4783	480363.09	3861377.25	0.02225	0.02189	0.02162	0.0211	2.02E-03	9.3E-05	4E-07	4.9E-05	0.00216	2.54E-03	0.000117	3.44E-07	2.85E-05	2.69E-03	0.002509	0.000101	2.81E-07	3.03E-05	0.00264
4784	480863.09	3861377.25	0.02352	0.02234	0.02304	0.02281	2.13E-03	9.5E-05	4.3E-07	5.3E-05	0.00228	2.69E-03	0.000119	3.66E-07	3.08E-05	2.84E-03	0.002652	0.000103	2.99E-07	3.28E-05	0.002788
4785	481363.09	3861377.25	0.02476	0.02297	0.02453	0.02436	2.24E-03	9.7E-05	4.6E-07	5.6E-05	0.0024	2.83E-03	0.000123	3.9E-07	3.29E-05	2.99E-03	0.002792	0.000105	3.18E-07	3.5E-05	0.002932
4786	481863.09	3861377.25	0.02605	0.02349	0.02596	0.02586	2.36E-03	9.9E-05	4.9E-07	6E-05	0.00252	2.98E-03	0.000125	4.13E-07	3.5E-05	3.14E-03	0.002937	0.000108	3.37E-07	3.71E-05	0.003082
4787	482363.09	3861377.25	0.02746	0.02491	0.02725	0.02739	2.49E-03	0.00011	5.1E-07	6.3E-05	0.00266	3.14E-03	0.000133	4.33E-07	3.7E-05	3.31E-03	0.003096	0.000114	3.54E-07	3.93E-05	0.00325
4788	482863.09	3861377.25	0.02891	0.0263	0.02886	0.02895	2.62E-03	0.00011	5.4E-07	6.7E-05	0.0028	3.31E-03	0.00014	4.59E-07	3.91E-05	3.49E-03	0.00326	0.000121	3.75E-07	4.16E-05	0.003422
4789	483363.09	3861377.25	0.03016	0.02755	0.03019	0.03108	2.73E-03	0.00012	5.7E-07	7.2E-05	0.00292	3.45E-03	0.000147	4.8E-07	4.2E-05	3.64E-03	0.003401	0.000127	3.92E-07	4.46E-05	0.003572
4790	483863.09	3861377.25	0.03116	0.02959	0.03096	0.03296	2.82E-03	0.00013	5.8E-07	7.6E-05	0.00303	3.56E-03	0.000158	4.92E-07	4.46E-05	3.77E-03	0.003513	0.000136	4.02E-07	4.73E-05	0.003697
4791	484363.09	3861377.25	0.03226	0.03084	0.03186	0.03455	2.92E-03	0.00013	6E-07	8E-05	0.00313	3.69E-03	0.000165	5.06E-07	4.67E-05	3.90E-03	0.003637	0.000142	4.14E-07	4.96E-05	0.003829
4792	484863.09	3861377.25	0.0321	0.03127	0.03092	0.03597	2.91E-03	0.00013	5.8E-07	8.3E-05	0.00313	3.67E-03	0.000167	4.91E-07	4.86E-05	3.89E-03	0.003619	0.000144	4.01E-07	5.17E-05	0.003815
4793	485363.09	3861377.25	0.03195	0.03051	0.02996	0.03612	2.90E-03	0.00013	5.6E-07	8.4E-05	0.00311	3.65E-03	0.000163	4.76E-07	4.88E-05	3.87E-03	0.003602	0.00014	3.89E-07	5.19E-05	0.003795
4794	485863.09	3861377.25	0.03244	0.03133	0.02981	0.03617	2.94E-03	0.00013	5.6E-07	8.4E-05	0.00316	3.71E-03	0.000167	4.74E-07	4.89E-05	3.93E-03	0.003658	0.000144	3.87E-07	5.19E-05	0.003854
4795	486363.09	3861377.25	0.0326	0.0323	0.0294	0.03579	2.95E-03	0.00014	5.5E-07	8.3E-05	0.00317	3.73E-03	0.000172	4.67E-07	4.84E-05	3.95E-03	0.003676	0.000148	3.82E-07	5.14E-05	0.003876
4796	486863.09	3861377.25	0.03261	0.03046	0.02905	0.03581	2.96E-03	0.00013	5.4E-07	8.3E-05	0.00317	3.73E-03	0.000163	4.62E-07	4.84E-05	3.94E-03	0.003677	0.00014	3.77E-07	5.14E-05	0.003868
4797	487363.09	3861377.25	0.03226	0.02813	0.02868	0.03514	2.92E-03	0.00012	5.4E-07	8.1E-05	0.00312	3.69E-03	0.00015	4.56E-07	4.75E-05	3.89E-03	0.003637	0.000129	3.72E-07	5.05E-05	0.003817
4798	487863.09	3861377.25	0.03202	0.02865	0.02845	0.03443	2.90E-03	0.00012	5.3E-07	8E-05	0.0031	3.66E-03	0.000153	4.52E-07	4.66E-05	3.86E-03	0.00361	0.000132	3.69E-07	4.94E-05	0.003792
4799	488363.09	3861377.25	0.03168	0.03085	0.02795	0.03456	2.87E-03	0.00013	5.2E-07	8E-05	0.00308	3.62E-03	0.000165	4.44E-07	4.67E-05	3.84E-03	0.003572	0.000142	3.63E-07	4.96E-05	0.003764
4800	488863.09	3861377.25	0.03177	0.0299	0.02829	0.03562	2.88E-03	0.00013	5.3E-07	8.3E-05	0.00309	3.63E-03	0.00016	4.5E-07	4.82E-05	3.84E-03	0.003582	0.000137	3.67E-07	5.12E-05	0.003771
4801	489363.09	3861377.25	0.032	0.03036	0.02861	0.03562	2.90E-03	0.00013	5.4E-07	8.3E-05	0.00311	3.66E-03	0.000162	4.55E-07	4.82E-05	3.87E-03	0.003608	0.000139	3.71E-07	5.12E-05	0.003799
4802	489863.09	3861377.25	0.03249	0.03177	0.0292	0.03698	2.94E-03	0.00013	5.5E-07	8.6E-05	0.00316	3.72E-03	0.00017	4.64E-07	5E-05	3.94E-03	0.003663	0.000146	3.79E-07	5.31E-05	0.003863
4803	490363.09	3861377.25	0.03271	0.03211	0.02918	0.03733	2.96E-03	0.00014	5.5E-07	8.6E-05	0.00319	3.74E-03	0.000171	4.64E-07	5.05E-05	3.96E-03	0.003688	0.000147	3.79E-07	5.36E-05	0.003889
4804	490863.09	3861377.25	0.03297	0.03281	0.02936	0.0377	2.99E-03	0.00014	5.5E-07	8.7E-05	0.00321	3.77E-03	0.000175	4.67E-07	5.1E-05	4.00E-03	0.003717	0.000151	3.81E-07	5.41E-05	0.003923
4805	491363.09	3861377.25	0.03331	0.03366	0.03015	0.03927	3.02E-03	0.00014	5.6E-07	9.1E-05	0.00325	3.81E-03	0.00018	4.79E-07	5.31E-05	4.04E-03	0.003756	0.000155	3.91E-07	5.64E-05	0.003967
4806	491863.09	3861377.25	0.03228	0.033	0.0295	0.03853	2.93E-03	0.00014	5.5E-07	8.9E-05	0.00315	3.69E-03	0.000176	4.69E-07	5.21E-05	3.92E-03	0.00364	0.000152	3.83E-07	5.53E-05	0.003847
4807	492363.09	3861377.25	0.03074	0.03131	0.02782	0.03594	2.79E-03	0.00013	5.2E-07	8.3E-05	0.003	3.52E-03	0.000167	4.42E-07	4.86E-05	3.73E-03	0.003466	0.000144	3.61E-07	5.16E-05	0.003662
4808	492863.09	3861377.25	0.02991	0.03037	0.02676	0.03479	2.71E-03	0.00013	5E-07	8.1E-05	0.00292	3.42E-03	0.000162	4.25E-07	4.7E-05	3.63E-03	0.003372	0.000139	3.47E-07	5E-05	0.003562
4809	493363.09	3861377.25	0.03001	0.0305	0.02653	0.03497	2.72E-03	0.00013	5E-07	8.1E-05	0.00293	3.43E-03	0.000163	4.22E-07	4.73E-05	3.64E-03	0.003384	0.00014	3.44E-07	5.02E-05	0.003574
4810	493863.09	3861377.25	0.0304	0.03133	0.02666	0.03594	2.75E-03	0.00013	5E-07	8.3E-05	0.00297	3.48E-03	0.000167	4.24E-07	4.86E-05	3.69E-03	0.003428	0.000144	3.46E-07	5.16E-05	0.003623
4811	494363.09	3861377.25	0.03088	0.03253	0.02739	0.03741	2.80E-03	0.00014	5.1E-07	8.7E-05	0.00302	3.53E-03	0.000174	4.35E-07	5.06E-05	3.76E-03	0.003482	0.000149	3.56E-07	5.37E-05	0.003685
4812	494863.09	3861377.25	0.03129	0.03339	0.0284	0.0385	2.84E-03	0.00014	5.3E-07	8.9E-05	0.00307	3.58E-03	0.000178	4.51E-07	5.21E-05	3.81E-03	0.003528	0.000153	3.69E-07	5.53E-05	0.003737
4813	495363.09	3861377.25	0.03137	0.03353	0.02897	0.03867	2.84E-03	0.00014	5.4E-07	9E-05	0.00307	3.59E-03	0.000179	4.6E-07	5.23E-05	3.82E-03	0.003537	0.000154	3.76E-07	5.55E-05	0.003747
4814	495863.09	3861377.25	0.03099	0.03308	0.02881	0.03801	2.81E-03	0.00014	5.4E-07	8.8E-05	0.00304	3.54E-03	0.000177	4.58E-07	5.14E-05	3.77E-03	0.003494	0.000152	3.74E-07	5.46E-05	0.003701
4815	496363.09	3861377.25	0.03091	0.03312	0.02873	0.03746	2.80E-03	0.00014	5.4E-07	8.7E-05	0.00303	3.54E-03	0.000177	4.57E-07	5.06E-05	3.76E-03	0.003485	0.000152	3.73E-07	5.38E-05	0.003691

4816	496863.09	3861377.25	0.03092	0.03339	0.02872	0.03675	2.80E-03	0.00014	5.4E-07	8.5E-05	0.00303	3.54E-03	0.000178	4.56E-07	4.97E-05	3.77E-03	0.003486	0.000153	3.73E-07	5.28E-05	0.003693
4817	497363.09	3861377.25	0.03023	0.03279	0.02808	0.03568	2.74E-03	0.00014	5.3E-07	8.3E-05	0.00296	3.46E-03	0.000175	4.46E-07	4.82E-05	3.68E-03	0.003408	0.000151	3.64E-07	5.12E-05	0.003611
4818	497863.09	3861377.25	0.02949	0.03206	0.02741	0.0347	2.67E-03	0.00014	5.1E-07	8E-05	0.00289	3.37E-03	0.000171	4.36E-07	4.69E-05	3.59E-03	0.003325	0.000147	3.56E-07	4.98E-05	0.003522
4819	498363.09	3861377.25	0.02882	0.03141	0.02684	0.03361	2.61E-03	0.00013	5E-07	7.8E-05	0.00282	3.30E-03	0.000168	4.27E-07	4.54E-05	3.51E-03	0.003249	0.000144	3.48E-07	4.83E-05	0.003442
4820	471363.09	3861877.25	0.00895	0.00918	0.00915	0.0081	8.11E-04	3.9E-05	1.7E-07	1.9E-05	0.00087	1.02E-03	4.9E-05	1.45E-07	1.1E-05	1.08E-03	0.001009	4.22E-05	1.19E-07	1.16E-05	0.001063
4821	471863.09	3861877.25	0.00934	0.00932	0.00963	0.00868	8.46E-04	3.9E-05	1.8E-07	2E-05	0.00091	1.07E-03	4.98E-05	1.53E-07	1.17E-05	1.13E-03	0.001053	4.28E-05	1.25E-07	1.25E-05	0.001108
4822	472363.09	3861877.25	0.00973	0.00937	0.01007	0.00927	8.82E-04	4E-05	1.9E-07	2.1E-05	0.00094	1.11E-03	5E-05	1.6E-07	1.25E-05	1.18E-03	0.001097	4.3E-05	1.31E-07	1.33E-05	0.001154
4823	472863.09	3861877.25	0.01013	0.00946	0.01047	0.00984	9.18E-04	4E-05	2E-07	2.3E-05	0.00098	1.16E-03	5.05E-05	1.66E-07	1.33E-05	1.22E-03	0.001142	4.34E-05	1.36E-07	1.41E-05	0.0012
4824	473363.09	3861877.25	0.01054	0.00974	0.01085	0.01032	9.55E-04	4.1E-05	2E-07	2.4E-05	0.00102	1.21E-03	5.2E-05	1.72E-07	1.4E-05	1.27E-03	0.001188	4.47E-05	1.41E-07	1.48E-05	0.001248
4825	473863.09	3861877.25	0.01099	0.01021	0.01123	0.01069	9.96E-04	4.3E-05	2.1E-07	2.5E-05	0.00106	1.26E-03	5.45E-05	1.78E-07	1.45E-05	1.33E-03	0.001239	4.69E-05	1.46E-07	1.54E-05	0.001302
4826	474363.09	3861877.25	0.01147	0.01083	0.01165	0.01108	1.04E-03	4.6E-05	2.2E-07	2.6E-05	0.00111	1.31E-03	5.78E-05	1.85E-07	1.5E-05	1.38E-03	0.001293	4.97E-05	1.51E-07	1.59E-05	0.001359
4827	474863.09	3861877.25	0.01198	0.01145	0.01213	0.01143	1.09E-03	4.8E-05	2.3E-07	2.6E-05	0.00116	1.37E-03	6.11E-05	1.93E-07	1.55E-05	1.45E-03	0.001351	5.26E-05	1.57E-07	1.64E-05	0.00142
4828	475363.09	3861877.25	0.01251	0.01203	0.01264	0.0119	1.13E-03	5.1E-05	2.4E-07	2.8E-05	0.00121	1.43E-03	6.42E-05	2.01E-07	1.61E-05	1.51E-03	0.00141	5.52E-05	1.64E-07	1.71E-05	0.001483
4829	475863.09	3861877.25	0.01308	0.0126	0.01318	0.01253	1.19E-03	5.3E-05	2.5E-07	2.9E-05	0.00127	1.50E-03	6.73E-05	2.09E-07	1.69E-05	1.58E-03	0.001475	5.79E-05	1.71E-07	1.8E-05	0.001551
4830	476363.09	3861877.25	0.01363	0.0132	0.01374	0.01295	1.24E-03	5.6E-05	2.6E-07	3E-05	0.00132	1.56E-03	7.05E-05	2.18E-07	1.75E-05	1.65E-03	0.001537	6.06E-05	1.78E-07	1.86E-05	0.001616
4831	476863.09	3861877.25	0.01409	0.01366	0.01421	0.01294	1.28E-03	5.8E-05	2.7E-07	3E-05	0.00136	1.61E-03	7.29E-05	2.26E-07	1.75E-05	1.70E-03	0.001589	6.27E-05	1.84E-07	1.86E-05	0.00167
4832	477363.09	3861877.25	0.01446	0.01461	0.01459	0.01263	1.31E-03	6.2E-05	2.7E-07	2.9E-05	0.0014	1.65E-03	7.8E-05	2.32E-07	1.71E-05	1.75E-03	0.00163	6.71E-05	1.89E-07	1.81E-05	0.001716
4833	477863.09	3861877.25	0.01309	0.0145	0.01343	0.00911	1.19E-03	6.1E-05	2.5E-07	2.1E-05	0.00127	1.50E-03	7.74E-05	2.13E-07	1.23E-05	1.59E-03	0.001476	6.66E-05	1.74E-07	1.31E-05	0.001556
4834	478363.09	3861877.25	0.00725	0.00765	0.00766	0.00411	6.57E-04	3.2E-05	1.4E-07	9.5E-06	0.0007	8.29E-04	4.08E-05	1.22E-07	5.56E-06	8.76E-04	0.000817	3.51E-05	9.94E-08	5.9E-06	0.000859
4835	478863.09	3861877.25	0.01202	0.01329	0.01244	0.00711	1.09E-03	5.6E-05	2.3E-07	1.6E-05	0.00116	1.37E-03	7.1E-05	1.98E-07	9.61E-06	1.46E-03	0.001355	6.1E-05	1.61E-07	1.02E-05	0.001427
4836	479363.09	3861877.25	0.01131	0.01132	0.01197	0.00637	1.02E-03	4.8E-05	2.2E-07	1.5E-05	0.00109	1.29E-03	6.04E-05	1.9E-07	8.61E-06	1.36E-03	0.001275	5.2E-05	1.55E-07	9.15E-06	0.001336
4837	479863.09	3861877.25	0.01882	0.01773	0.01855	0.01661	1.71E-03	7.5E-05	3.5E-07	3.8E-05	0.00182	2.15E-03	9.47E-05	2.95E-07	2.25E-05	2.27E-03	0.002122	8.14E-05	2.41E-07	2.39E-05	0.002227
4838	480363.09	3861877.25	0.02023	0.01922	0.01982	0.01922	1.83E-03	8.1E-05	3.7E-07	4.5E-05	0.00196	2.31E-03	0.000103	3.15E-07	2.6E-05	2.44E-03	0.002281	8.83E-05	2.57E-07	2.76E-05	0.002397
4839	480863.09	3861877.25	0.02127	0.02026	0.02099	0.02036	1.93E-03	8.6E-05	3.9E-07	4.7E-05	0.00206	2.43E-03	0.000108	3.34E-07	2.75E-05	2.57E-03	0.002398	9.3E-05	2.72E-07	2.92E-05	0.002521
4840	481363.09	3861877.25	0.0223	0.02057	0.02218	0.02171	2.02E-03	8.7E-05	4.2E-07	5E-05	0.00216	2.55E-03	0.00011	3.53E-07	2.94E-05	2.69E-03	0.002514	9.45E-05	2.88E-07	3.12E-05	0.00264
4841	481863.09	3861877.25	0.02338	0.02073	0.02327	0.02326	2.12E-03	8.8E-05	4.4E-07	5.4E-05	0.00226	2.67E-03	0.000111	3.7E-07	3.15E-05	2.82E-03	0.002636	9.52E-05	3.02E-07	3.34E-05	0.002765
4842	482363.09	3861877.25	0.02453	0.02207	0.02439	0.02457	2.22E-03	9.3E-05	4.6E-07	5.7E-05	0.00237	2.81E-03	0.000118	3.88E-07	3.32E-05	2.96E-03	0.002766	0.000101	3.17E-07	3.53E-05	0.002903
4843	482863.09	3861877.25	0.02563	0.02377	0.02567	0.02582	2.32E-03	0.0001	4.8E-07	6E-05	0.00248	2.93E-03	0.000127	4.08E-07	3.49E-05	3.09E-03	0.00289	0.000109	3.33E-07	3.71E-05	0.003036
4844	483363.09	3861877.25	0.02648	0.02504	0.02646	0.02745	2.40E-03	0.00011	5E-07	6.4E-05	0.00257	3.03E-03	0.000134	4.21E-07	3.71E-05	3.20E-03	0.002986	0.000115	3.43E-07	3.94E-05	0.00314
4845	483863.09	3861877.25	0.02729	0.02599	0.02709	0.02881	2.47E-03	0.00011	5.1E-07	6.7E-05	0.00265	3.12E-03	0.000139	4.31E-07	3.9E-05	3.30E-03	0.003077	0.000119	3.52E-07	4.14E-05	0.003238
4846	484363.09	3861877.25	0.02772	0.02695	0.02718	0.03008	2.51E-03	0.00011	5.1E-07	7E-05	0.0027	3.17E-03	0.000144	4.32E-07	4.07E-05	3.36E-03	0.003125	0.000124	3.53E-07	4.32E-05	0.003293
4847	484863.09	3861877.25	0.02818	0.0272	0.02709	0.0309	2.55E-03	0.00012	5.1E-07	7.2E-05	0.00274	3.22E-03	0.000145	4.31E-07	4.18E-05	3.41E-03	0.003177	0.000125	3.52E-07	4.44E-05	0.003347
4848	485363.09	3861877.25	0.02804	0.02566	0.02644	0.03087	2.54E-03	0.00011	4.9E-07	7.2E-05	0.00272	3.21E-03	0.000137	4.2E-07	4.17E-05	3.39E-03	0.003162	0.000118	3.43E-07	4.43E-05	0.003324
4849	485863.09	3861877.25	0.02769	0.0269	0.02549	0.03023	2.51E-03	0.00011	4.8E-07	7E-05	0.00269	3.17E-03	0.000144	4.05E-07	4.09E-05	3.35E-03	0.003122	0.000124	3.31E-07	4.34E-05	0.003289
4850	486363.09	3861877.25	0.02785	0.02725	0.0253	0.02974	2.52E-03	0.00012	4.7E-07	6.9E-05	0.00271	3.19E-03	0.000146	4.02E-07	4.02E-05	3.37E-03	0.00314	0.000125	3.28E-07	4.27E-05	0.003308
4851	486863.09	3861877.25	0.02772	0.02608	0.02505	0.02993	2.51E-03	0.00011	4.7E-07	6.9E-05	0.00269	3.17E-03	0.000139	3.98E-07	4.05E-05	3.35E-03	0.003125	0.00012	3.25E-07	4.3E-05	0.003288
4852	487363.09	3861877.25	0.02745	0.02409	0.0249	0.02942	2.49E-03	0.0001	4.7E-07	6.8E-05	0.00266	3.14E-03	0.000129	3.96E-07	3.98E-05	3.31E-03	0.003095	0.000111	3.23E-07	4.22E-05	0.003248
4853	487863.09	3861877.25	0.02716	0.02376	0.02467	0.02889	2.46E-03	0.0001	4.6E-07	6.7E-05	0.00263	3.11E-03	0.000127	3.92E-07	3.91E-05	3.27E-03	0.003062	0.000109	3.2E-07	4.15E-05	0.003213
4854	488363.09	3861877.25	0.02685	0.02602	0.02418	0.02876	2.43E-03	0.00011	4.5E-07	6.7E-05	0.00261	3.07E-03	0.000139	3.84E-07	3.89E-05	3.25E-03	0.003027	0.000119	3.14E-07	4.13E-05	0.003188
4855	488863.09	3861877.25	0.02664	0.02572	0.02407	0.02951	2.41E-03	0.00011	4.5E-07	6.8E-05	0.00259	3.05E-03	0.000137	3.83E-07	3.99E-05	3.22E-03	0.003004	0.000118	3.12E-07	4.24E-05	0.003164
4856	489363.09	3861877.25	0.02658	0.02486	0.02417	0.02942	2.41E-03	0.00011	4.5E-07	6.8E-05	0.00258	3.04E-03	0.000133	3.84E-07	3.98E-05	3.21E-03	0.002997	0.000114	3.14E-07	4.22E-05	0.003154
4857	489863.09	3861877.25	0.02691	0.0262	0.02454	0.03005	2.44E-03	0.00011	4.6E-07	7E-05	0.00262	3.08E-03	0.00014	3.9E-07	4.06E-05	3.26E-03	0.003034	0.00012	3.19E-07	4.32E-05	0.003198
4858	490363.09	3861877.25	0.02699	0.02643	0.02471	0.03067	2.45E-03	0.00011	4.6E-07	7.1E-05	0.00263	3.09E-03	0.000141	3.93E-07	4.15E-05	3.27E-03	0.003043	0.000121	3.21E-07	4.4E-05	0.003209
4859	490863.09	3861877.25	0.02714	0.02681	0.02465	0.03088	2.46E-03	0.00011	4.6E-07	7.2E-05	0.00264	3.10E-03	0.000143	3.92E-07	4.18E-05	3.29E-03	0.00306	0.000123	3.2E-07	4.43E-05	0.003228
4860	491363.09	3861877.25	0.02747	0.02747	0.02491	0.03123	2.49E-03	0.00012	4.7E-07	7.2E-05	0.00268	3.14E-03	0.000147	3.96E-07	4.22E-05	3.33E-03	0.003097	0.000126	3.23E-07	4.48E-05	0.003269
4861	491863.09	3861877.25	0.02796	0.02838	0.02574	0.03273	2.53E-03	0.00012	4.8E-07	7.6E-05	0.00273	3.20E-03	0.000152	4.09E-07	4.43E-05	3.39E-03	0.003152	0.00013	3.34E-07	4.7E-05	0.00333
4862	492363.09	3861877.25	0.02713	0.02783	0.02523	0.0323	2.46E-03	0.00012	4.7E-07	7.5E-05	0.00265	3.10E-03	0.000149	4.01E-07	4.37E-05	3.30E-03	0.003059	0.000128	3.27E-07	4.64E-05	0.003233
4863	492863.09	3861877.25	0.02588	0.02649	0.02389	0.03023	2.35E-03	0.00011	4.5E-07	7E-05	0.00253	2.96E-03	0.000141	3.8E-07	4.09E-05	3.14E-03	0.002918	0.000122	3.1E-07	4.34E-05	0.003083
4864	493363.09	3861877.25	0.02503	0.02557	0.02289	0.029	2.27E-03	0.00011	4.3E-07	6.7E-05	0.00244	2.86E-03	0.000137	3.64E-07	3.92E-05	3.04E-03	0.002822	0.000117	2.97E-07	4.16E-05	0.002981
4865	493863.09	3861877.25	0.02478	0.02534	0.02252	0.02882	2.25E-03	0.00011	4.2E-07	6.7E-05	0.00242	2.83E-03	0.000135	3.58E-07	3.9E-05	3.01E-03	0.002794	0.000116	2.92E-07	4.14E-05	0.002952
4866	494363.09	3861877.25	0.02496	0.02565	0.02244	0.02915	2.26E-03	0.00011	4.2E-07	6.8E-05	0.00244	2.85E-03	0.000137	3.57E-07	3.94E-05	3.03E-03	0.002814	0.000118	2.91E-07	4.19E-05	0.002974
4867	494863.09	3861877.25	0.02546	0.02656	0.02279	0.03018	2.31E-03	0.00011	4.3E-07	7E-05	0.00249	2.91E-03	0.000142	3.62E-07	4.08E-05	3.10E-03	0.002871	0.000122	2.96E-07	4.33E-05	0.003036
4868	495363.09	3861877.25	0.02584	0.02745	0.02343	0.03132	2.34E-03	0.00012	4.4E-07	7.3E-05	0.00253	2.96E-03	0.000147	3.72E-07	4.23E-05	3.14E-03	0.002913	0.000126	3.04E-07	4.5E-05	0.003085
4869	495863.09	3861877.25	0.02608	0.02795	0.02412	0.03204	2.36E-03	0.00012	4.5E-07	7.4E-05	0.00256	2.98E-03	0.000149	3.83E-07	4.33E-05	3.18E-03	0.002941	0.000128	3.13E-07	4.6E-05	0.003115
4870	496363.09	3861877.25	0.0262	0.02813	0.02458	0.03222	2.37E-03	0.00012	4.6E-07	7.5E-05	0.00257	3.00E-03	0.00015	3.91E-07	4.36E-05	3.19E-03	0.002954	0.000129	3.19E-07	4.63E-05	0.00313
4871	496863.09	3861877.25	0.0276	0.02985	0.02606	0.03265	2.50E-03	0.00013	4.9E-07	7.6E-05	0.0027	3.16E-03	0.000159	4.14E-07	4.41E-05	3.36E-03	0.003112	0.000137	3.38E-07	4.69E-05	0.003296
4872	497363.09	3861877.25	0.02626	0.02828	0.02471	0.0316	2.38E-03	0.00012	4.6E-07	7.3E-05	0.00257	3.00E-03	0.000151	3.93E-07	4.27E-05	3.20E-03	0.002961	0.00013	3.21E-07	4.54E-05	0.003136
4873	497863.09	3861877.25	0.02545	0.02746	0.02388	0.03057	2.31E-03	0.00012	4.5E-07	7.1E-05	0.00249	2.91E-03	0.000147	3.8E-07	4.13E-05	3.10E-03	0.002869	0.000126	3.1E-07	4.39E-05	0.00304
4874	498363.09	3861877.25	0.02482	0.02687	0.02326	0.02974	2.25E-03	0.00011	4.4E-07	6.9E-05	0.00243	2.84E-03	0.000143	3.7E-07	4.02E-05	3.02E-03	0.002798	0.000123	3.02E-07	4.27E-05	0.002965
4875	471363.09	3862377.25	0.00871	0.00851	0.00897	0.00843	7.89E-04	3.6E-05	1.7E-07	2E-05	0.00085	9.96E-04	4.54E-05	1.43E-07	1.14E-05	1.05E-03	0.000982	3.91E-05	1.16E-07	1.21E-05	0.001033
4876	471863.09	3862377.25	0.00903	0.00855	0.00931	0.00886	8.18E-04	3.6E-05	1.7E-07	2.1E-05	0.00088	1.03E-03	4.57E-05	1.48E-07	1.2E-05	1.09E-03	0.001018	3.93E-05	1.21E-07	1.27E-05	0.00107

4877	472363.09	3862377.25	0.00936	0.00868	0.00961	0.0093	8.48E-04	3.7E-05	1.8E-07	2.2E-05	0.00091	1.07E-03	4.63E-05	1.53E-07	1.26E-05	1.13E-03	0.001055	3.99E-05	1.25E-07	1.34E-05	0.001109
4878	472863.09	3862377.25	0.00972	0.00897	0.0099	0.00967	8.81E-04	3.8E-05	1.9E-07	2.2E-05	0.00094	1.11E-03	4.79E-05	1.57E-07	1.31E-05	1.17E-03	0.001096	4.12E-05	1.29E-07	1.39E-05	0.001151
4879	473363.09	3862377.25	0.01009	0.0094	0.01022	0.01	9.14E-04	4E-05	1.9E-07	2.3E-05	0.00098	1.15E-03	5.02E-05	1.62E-07	1.35E-05	1.22E-03	0.001138	4.32E-05	1.33E-07	1.44E-05	0.001195
4880	473863.09	3862377.25	0.01049	0.00989	0.01058	0.01032	9.51E-04	4.2E-05	2E-07	2.4E-05	0.00102	1.20E-03	5.28E-05	1.68E-07	1.4E-05	1.27E-03	0.001183	4.54E-05	1.37E-07	1.48E-05	0.001243
4881	474363.09	3862377.25	0.01092	0.01039	0.01099	0.01061	9.90E-04	4.4E-05	2.1E-07	2.5E-05	0.00106	1.25E-03	5.55E-05	1.75E-07	1.43E-05	1.32E-03	0.001231	4.77E-05	1.43E-07	1.52E-05	0.001294
4882	474863.09	3862377.25	0.01136	0.01093	0.01144	0.01087	1.03E-03	4.6E-05	2.1E-07	2.5E-05	0.0011	1.30E-03	5.84E-05	1.82E-07	1.47E-05	1.37E-03	0.001281	5.02E-05	1.48E-07	1.56E-05	0.001347
4883	475363.09	3862377.25	0.01183	0.01148	0.01187	0.01143	1.07E-03	4.9E-05	2.2E-07	2.6E-05	0.00115	1.35E-03	6.13E-05	1.89E-07	1.55E-05	1.43E-03	0.001334	5.27E-05	1.54E-07	1.64E-05	0.001403
4884	475863.09	3862377.25	0.0123	0.01212	0.01229	0.01193	1.11E-03	5.1E-05	2.3E-07	2.8E-05	0.00119	1.41E-03	6.47E-05	1.95E-07	1.61E-05	1.49E-03	0.001387	5.57E-05	1.6E-07	1.71E-05	0.00146
4885	476363.09	3862377.25	0.01277	0.0129	0.01268	0.01234	1.16E-03	5.5E-05	2.4E-07	2.9E-05	0.00124	1.46E-03	6.89E-05	2.02E-07	1.67E-05	1.55E-03	0.00144	5.92E-05	1.65E-07	1.77E-05	0.001517
4886	476863.09	3862377.25	0.01325	0.01386	0.01302	0.01266	1.20E-03	5.9E-05	2.4E-07	2.9E-05	0.00129	1.52E-03	7.4E-05	2.07E-07	1.71E-05	1.61E-03	0.001494	6.37E-05	1.69E-07	1.82E-05	0.001576
4887	477363.09	3862377.25	0.01377	0.01499	0.01338	0.01261	1.25E-03	6.3E-05	2.5E-07	2.9E-05	0.00134	1.57E-03	8E-05	2.13E-07	1.71E-05	1.67E-03	0.001553	6.88E-05	1.74E-07	1.81E-05	0.00164
4888	477863.09	3862377.25	0.01324	0.01477	0.01306	0.01019	1.20E-03	6.2E-05	2.4E-07	2.4E-05	0.00129	1.51E-03	7.89E-05	2.08E-07	1.38E-05	1.61E-03	0.001493	6.78E-05	1.7E-07	1.46E-05	0.001575
4889	478363.09	3862377.25	0.0119	0.01262	0.01215	0.00771	1.08E-03	5.3E-05	2.3E-07	1.8E-05	0.00115	1.36E-03	6.74E-05	1.93E-07	1.04E-05	1.44E-03	0.001342	5.8E-05	1.58E-07	1.11E-05	0.001411
4890	478863.09	3862377.25	0.01263	0.01228	0.01302	0.00827	1.14E-03	5.2E-05	2.4E-07	1.9E-05	0.00122	1.44E-03	6.56E-05	2.07E-07	1.12E-05	1.52E-03	0.001424	5.64E-05	1.69E-07	1.19E-05	0.001492
4891	479363.09	3862377.25	0.0145	0.01365	0.01485	0.01035	1.31E-03	5.8E-05	2.8E-07	2.4E-05	0.0014	1.66E-03	7.29E-05	2.36E-07	1.4E-05	1.75E-03	0.001635	6.27E-05	1.93E-07	1.49E-05	0.001713
4892	479863.09	3862377.25	0.01745	0.01682	0.01728	0.01551	1.58E-03	7.1E-05	3.2E-07	3.6E-05	0.00169	2.00E-03	8.98E-05	2.75E-07	2.1E-05	2.11E-03	0.001967	7.72E-05	2.24E-07	2.23E-05	0.002067
4893	480363.09	3862377.25	0.01851	0.01788	0.01822	0.01733	1.68E-03	7.6E-05	3.4E-07	4E-05	0.00179	2.12E-03	9.55E-05	2.9E-07	2.34E-05	2.24E-03	0.002087	8.21E-05	2.37E-07	2.49E-05	0.002194
4894	480863.09	3862377.25	0.01937	0.01828	0.01918	0.01859	1.76E-03	7.7E-05	3.6E-07	4.3E-05	0.00188	2.22E-03	9.76E-05	3.05E-07	2.51E-05	2.34E-03	0.002184	8.39E-05	2.49E-07	2.67E-05	0.002295
4895	481363.09	3862377.25	0.02021	0.01799	0.02015	0.01998	1.83E-03	7.6E-05	3.8E-07	4.6E-05	0.00195	2.31E-03	9.61E-05	3.2E-07	2.7E-05	2.43E-03	0.002279	8.26E-05	2.62E-07	2.87E-05	0.00239
4896	481863.09	3862377.25	0.021	0.01837	0.02095	0.0212	1.90E-03	7.8E-05	3.9E-07	4.9E-05	0.00203	2.40E-03	9.81E-05	3.33E-07	2.87E-05	2.53E-03	0.002368	8.44E-05	2.72E-07	3.04E-05	0.002483
4897	482363.09	3862377.25	0.0219	0.02029	0.02186	0.02211	1.98E-03	8.6E-05	4.1E-07	5.1E-05	0.00212	2.50E-03	0.000108	3.47E-07	2.99E-05	2.64E-03	0.002469	9.32E-05	2.84E-07	3.18E-05	0.002594
4898	482863.09	3862377.25	0.02275	0.02174	0.02276	0.02318	2.06E-03	9.2E-05	4.3E-07	5.4E-05	0.00221	2.60E-03	0.000116	3.62E-07	3.13E-05	2.75E-03	0.002565	9.98E-05	2.95E-07	3.33E-05	0.002698
4899	483363.09	3862377.25	0.02354	0.0222	0.02342	0.02444	2.13E-03	9.4E-05	4.4E-07	5.7E-05	0.00228	2.69E-03	0.000119	3.72E-07	3.3E-05	2.84E-03	0.002654	0.000102	3.04E-07	3.51E-05	0.002791
4900	483863.09	3862377.25	0.02393	0.02301	0.02358	0.02549	2.17E-03	9.7E-05	4.4E-07	5.9E-05	0.00233	2.74E-03	0.000123	3.75E-07	3.45E-05	2.89E-03	0.002698	0.000106	3.06E-07	3.66E-05	0.002841
4901	484363.09	3862377.25	0.02447	0.02408	0.02387	0.02627	2.22E-03	0.0001	4.5E-07	6.1E-05	0.00238	2.80E-03	0.000129	3.79E-07	3.55E-05	2.96E-03	0.002759	0.000111	3.1E-07	3.77E-05	0.002908
4902	484863.09	3862377.25	0.02438	0.02271	0.02343	0.02662	2.21E-03	9.6E-05	4.4E-07	6.2E-05	0.00237	2.79E-03	0.000121	3.72E-07	3.6E-05	2.95E-03	0.002749	0.000104	3.04E-07	3.82E-05	0.002892
4903	485363.09	3862377.25	0.02421	0.02164	0.0229	0.02639	2.19E-03	9.2E-05	4.3E-07	6.1E-05	0.00235	2.77E-03	0.000116	3.64E-07	3.57E-05	2.92E-03	0.00273	9.94E-05	2.97E-07	3.79E-05	0.002867
4904	485863.09	3862377.25	0.0242	0.02359	0.02235	0.02574	2.19E-03	1E-04	4.2E-07	6E-05	0.00235	2.77E-03	0.000126	3.55E-07	3.48E-05	2.93E-03	0.002729	0.000108	2.9E-07	3.7E-05	0.002874
4905	486363.09	3862377.25	0.02407	0.02325	0.02203	0.02528	2.18E-03	9.8E-05	4.1E-07	5.9E-05	0.00234	2.75E-03	0.000124	3.5E-07	3.42E-05	2.91E-03	0.002714	0.000107	2.86E-07	3.63E-05	0.002857
4906	486863.09	3862377.25	0.02386	0.02261	0.02179	0.02532	2.16E-03	9.6E-05	4.1E-07	5.9E-05	0.00232	2.73E-03	0.000121	3.46E-07	3.42E-05	2.88E-03	0.00269	0.000104	2.83E-07	3.64E-05	0.002831
4907	487363.09	3862377.25	0.02364	0.0209	0.02174	0.02499	2.14E-03	8.8E-05	4.1E-07	5.8E-05	0.00229	2.70E-03	0.000112	3.46E-07	3.38E-05	2.85E-03	0.002665	9.6E-05	2.82E-07	3.59E-05	0.002798
4908	487863.09	3862377.25	0.02347	0.02021	0.0217	0.02469	2.13E-03	8.5E-05	4.1E-07	5.7E-05	0.00227	2.68E-03	0.000108	3.45E-07	3.34E-05	2.83E-03	0.002646	9.28E-05	2.82E-07	3.55E-05	0.002775
4909	488363.09	3862377.25	0.02321	0.02196	0.02127	0.02451	2.10E-03	9.3E-05	4E-07	5.7E-05	0.00225	2.65E-03	0.000117	3.38E-07	3.31E-05	2.81E-03	0.002617	0.000101	2.76E-07	3.52E-05	0.002753
4910	488863.09	3862377.25	0.02304	0.02267	0.02102	0.025	2.09E-03	9.6E-05	3.9E-07	5.8E-05	0.00224	2.64E-03	0.000121	3.34E-07	3.38E-05	2.79E-03	0.002598	0.000104	2.73E-07	3.59E-05	0.002738
4911	489363.09	3862377.25	0.023	0.02169	0.02111	0.02516	2.08E-03	9.2E-05	4E-07	5.8E-05	0.00223	2.63E-03	0.000116	3.36E-07	3.4E-05	2.78E-03	0.002593	9.96E-05	2.74E-07	3.61E-05	0.002729
4912	489863.09	3862377.25	0.02316	0.02203	0.02137	0.02534	2.10E-03	9.3E-05	4E-07	5.9E-05	0.00225	2.65E-03	0.000118	3.4E-07	3.43E-05	2.80E-03	0.002611	0.000101	2.77E-07	3.64E-05	0.002749
4913	490363.09	3862377.25	0.0234	0.02305	0.02162	0.02608	2.12E-03	9.8E-05	4E-07	6E-05	0.00228	2.68E-03	0.000123	3.44E-07	3.53E-05	2.84E-03	0.002638	0.000106	2.81E-07	3.75E-05	0.002782
4914	490863.09	3862377.25	0.02355	0.02308	0.02182	0.02642	2.13E-03	9.8E-05	4.1E-07	6.1E-05	0.00229	2.69E-03	0.000123	3.47E-07	3.57E-05	2.85E-03	0.002655	0.000106	2.83E-07	3.79E-05	0.002799
4915	491363.09	3862377.25	0.02357	0.02338	0.02165	0.02654	2.14E-03	9.9E-05	4.1E-07	6.1E-05	0.0023	2.70E-03	0.000125	3.44E-07	3.59E-05	2.86E-03	0.002658	0.000107	2.81E-07	3.81E-05	0.002803
4916	491863.09	3862377.25	0.02358	0.02366	0.02166	0.02658	2.14E-03	0.0001	4.1E-07	6.2E-05	0.0023	2.70E-03	0.000126	3.44E-07	3.59E-05	2.86E-03	0.002659	0.000109	2.81E-07	3.82E-05	0.002806
4917	492363.09	3862377.25	0.02398	0.02441	0.02235	0.02786	2.17E-03	0.0001	4.2E-07	6.5E-05	0.00234	2.74E-03	0.00013	3.55E-07	3.77E-05	2.91E-03	0.002704	0.000112	2.9E-07	4E-05	0.002856
4918	492863.09	3862377.25	0.02364	0.02431	0.02224	0.02791	2.14E-03	0.0001	4.2E-07	6.5E-05	0.00231	2.70E-03	0.00013	3.53E-07	3.77E-05	2.87E-03	0.002665	0.000112	2.89E-07	4.01E-05	0.002817
4919	493363.09	3862377.25	0.0226	0.0232	0.02116	0.02627	2.05E-03	9.8E-05	4E-07	6.1E-05	0.00221	2.58E-03	0.000124	3.36E-07	3.55E-05	2.74E-03	0.002548	0.000107	2.75E-07	3.77E-05	0.002693
4920	493863.09	3862377.25	0.02171	0.02223	0.02014	0.02494	1.97E-03	9.4E-05	3.8E-07	5.8E-05	0.00212	2.48E-03	0.000119	3.2E-07	3.37E-05	2.64E-03	0.002448	0.000102	2.61E-07	3.58E-05	0.002586
4921	494363.09	3862377.25	0.02129	0.02185	0.01968	0.02458	1.93E-03	9.2E-05	3.7E-07	5.7E-05	0.00208	2.44E-03	0.000117	3.13E-07	3.32E-05	2.59E-03	0.0024	0.0001	2.55E-07	3.53E-05	0.002536
4922	494863.09	3862377.25	0.0213	0.02193	0.01958	0.02469	1.93E-03	9.3E-05	3.7E-07	5.7E-05	0.00208	2.44E-03	0.000117	3.11E-07	3.34E-05	2.59E-03	0.002402	0.000101	2.54E-07	3.55E-05	0.002538
4923	495363.09	3862377.25	0.0214	0.02219	0.01946	0.02498	1.94E-03	9.4E-05	3.6E-07	5.8E-05	0.00209	2.45E-03	0.000118	3.09E-07	3.38E-05	2.60E-03	0.002413	0.000102	2.53E-07	3.59E-05	0.002551
4924	495863.09	3862377.25	0.02171	0.02285	0.01974	0.02578	1.97E-03	9.7E-05	3.7E-07	6E-05	0.00212	2.48E-03	0.000122	3.14E-07	3.49E-05	2.64E-03	0.002448	0.000105	2.56E-07	3.7E-05	0.00259
4925	496363.09	3862377.25	0.02198	0.02347	0.02026	0.02663	1.99E-03	9.9E-05	3.8E-07	6.2E-05	0.00215	2.51E-03	0.000125	3.22E-07	3.6E-05	2.68E-03	0.002478	0.000108	2.63E-07	3.82E-05	0.002625
4926	496863.09	3862377.25	0.02241	0.02411	0.02101	0.02743	2.03E-03	0.0001	3.9E-07	6.4E-05	0.0022	2.56E-03	0.000129	3.34E-07	3.71E-05	2.73E-03	0.002527	0.000111	2.73E-07	3.94E-05	0.002677
4927	497363.09	3862377.25	0.02228	0.02399	0.02113	0.02731	2.02E-03	0.0001	4E-07	6.3E-05	0.00218	2.55E-03	0.000128	3.36E-07	3.69E-05	2.71E-03	0.002512	0.00011	2.74E-07	3.92E-05	0.002662
4928	497863.09	3862377.25	0.02206	0.02375	0.02099	0.02689	2.00E-03	0.0001	3.9E-07	6.2E-05	0.00216	2.52E-03	0.000127	3.34E-07	3.64E-05	2.69E-03	0.002487	0.000109	2.72E-07	3.86E-05	0.002635
4929	498363.09	3862377.25	0.02161	0.02327	0.02052	0.02617	1.96E-03	9.8E-05	3.8E-07	6.1E-05	0.00212	2.47E-03	0.000124	3.26E-07	3.54E-05	2.63E-03	0.002437	0.000107	2.66E-07	3.76E-05	0.002581
4930	471363.09	3862877.25	0.00839	0.0078	0.00858	0.0084	7.60E-04	3.3E-05	1.6E-07	1.9E-05	0.00081	9.60E-04	4.16E-05	1.36E-07	1.14E-05	1.01E-03	0.000946	3.58E-05	1.11E-07	1.21E-05	0.000994
4931	471863.09	3862877.25	0.00868	0.00796	0.00882	0.00871	7.87E-04	3.4E-05	1.7E-07	2E-05	0.00084	9.93E-04	4.25E-05	1.4E-07	1.18E-05	1.05E-03	0.000979	3.66E-05	1.14E-07	1.25E-05	0.001028
4932	472363.09	3862877.25	0.00897	0.00824	0.00907	0.009	8.13E-04	3.5E-05	1.7E-07	2.1E-05	0.00087	1.03E-03	4.4E-05	1.44E-07	1.22E-05	1.08E-03	0.001011	3.78E-05	1.18E-07	1.29E-05	0.001062
4933	472863.09	3862877.25	0.0093	0.00863	0.00935	0.00924	8.43E-04	3.7E-05	1.8E-07	2.1E-05	0.0009	1.06E-03	4.61E-05	1.49E-07	1.25E-05	1.12E-03	0.001049	3.96E-05	1.21E-07	1.33E-05	0.001102
4934	473363.09	3862877.25	0.00963	0.00906	0.00967	0.00949	8.73E-04	3.8E-05	1.8E-07	2.2E-05	0.00093	1.10E-03	4.84E-05	1.54E-07	1.28E-05	1.16E-03	0.001086	4.16E-05	1.26E-07	1.36E-05	0.001141
4935	473863.09	3862877.25	0.00999	0.00952	0.01001	0.00977	9.05E-04	4E-05	1.9E-07	2.3E-05	0.00097	1.14E-03	5.08E-05	1.59E-07	1.32E-05	1.21E-03	0.001126	4.37E-05	1.3E-07	1.4E-05	0.001184
4936	474363.09	3862877.25	0.01036	0.01006	0.01037	0.01007	9.39E-04	4.3E-05	1.9E-07	2.3E-05	0.001	1.18E-03	5.37E-05	1.65E-07	1.36E-05	1.25E-03	0.001168	4.62E-05	1.35E-07	1.45E-05	0.001229
4937	474863.09	3862877.25	0.01074	0.01068	0.01073	0.01041	9.73E-04	4.5E-05	2E-07	2.4E-05	0.00104	1.23E-03	5.7E-05	1.71E-07	1.41E-05	1.30E-03	0.001211	4.9E-05	1.39E-07	1.49E-05	0.001275

4938	475363.09	3862877.25	0.01111	0.0113	0.01102	0.01085	1.01E-03	4.8E-05	2.1E-07	2.5E-05	0.00108	1.27E-03	6.03E-05	1.75E-07	1.47E-05	1.35E-03	0.001253	5.19E-05	1.43E-07	1.56E-05	0.00132
4939	475863.09	3862877.25	0.01149	0.01192	0.01128	0.01125	1.04E-03	5E-05	2.1E-07	2.6E-05	0.00112	1.31E-03	6.36E-05	1.79E-07	1.52E-05	1.39E-03	0.001295	5.47E-05	1.46E-07	1.62E-05	0.001367
4940	476363.09	3862877.25	0.0119	0.01248	0.01154	0.01163	1.08E-03	5.3E-05	2.2E-07	2.7E-05	0.00116	1.36E-03	6.66E-05	1.83E-07	1.57E-05	1.44E-03	0.001342	5.73E-05	1.5E-07	1.67E-05	0.001416
4941	476863.09	3862877.25	0.0124	0.01293	0.01188	0.01192	1.12E-03	5.5E-05	2.2E-07	2.8E-05	0.00121	1.42E-03	6.9E-05	1.89E-07	1.61E-05	1.50E-03	0.001398	5.94E-05	1.54E-07	1.71E-05	0.001475
4942	477363.09	3862877.25	0.01297	0.01319	0.01237	0.01216	1.18E-03	5.6E-05	2.3E-07	2.8E-05	0.00126	1.48E-03	7.04E-05	1.97E-07	1.64E-05	1.57E-03	0.001462	6.06E-05	1.61E-07	1.75E-05	0.001541
4943	477863.09	3862877.25	0.0132	0.01299	0.0128	0.01159	1.20E-03	5.5E-05	2.4E-07	2.7E-05	0.00128	1.51E-03	6.94E-05	2.03E-07	1.57E-05	1.60E-03	0.001488	5.97E-05	1.66E-07	1.66E-05	0.001565
4944	478363.09	3862877.25	0.01255	0.01196	0.01272	0.00929	1.14E-03	5.1E-05	2.4E-07	2.2E-05	0.00121	1.44E-03	6.39E-05	2.02E-07	1.26E-05	1.51E-03	0.001415	5.49E-05	1.65E-07	1.33E-05	0.001483
4945	478863.09	3862877.25	0.01319	0.01233	0.01344	0.00972	1.20E-03	5.2E-05	2.5E-07	2.3E-05	0.00127	1.51E-03	6.58E-05	2.14E-07	1.31E-05	1.59E-03	0.001487	5.66E-05	1.74E-07	1.4E-05	0.001558
4946	479363.09	3862877.25	0.01406	0.01406	0.01425	0.01047	1.27E-03	5.9E-05	2.7E-07	2.4E-05	0.00136	1.61E-03	7.51E-05	2.26E-07	1.42E-05	1.70E-03	0.001585	6.46E-05	1.85E-07	1.5E-05	0.001665
4947	479863.09	3862877.25	0.01631	0.01585	0.01604	0.01494	1.48E-03	6.7E-05	3E-07	3.5E-05	0.00158	1.87E-03	8.46E-05	2.55E-07	2.02E-05	1.97E-03	0.001839	7.28E-05	2.08E-07	2.15E-05	0.001933
4948	480363.09	3862877.25	0.01698	0.01627	0.01677	0.01617	1.54E-03	6.9E-05	3.1E-07	3.7E-05	0.00165	1.94E-03	8.69E-05	2.67E-07	2.19E-05	2.05E-03	0.001914	7.47E-05	2.18E-07	2.32E-05	0.002013
4949	480863.09	3862877.25	0.0177	0.01611	0.01766	0.01731	1.60E-03	6.8E-05	3.3E-07	4E-05	0.00171	2.02E-03	8.6E-05	2.81E-07	2.34E-05	2.13E-03	0.001996	7.4E-05	2.29E-07	2.49E-05	0.002095
4950	481363.09	3862877.25	0.01826	0.01581	0.01832	0.01841	1.65E-03	6.7E-05	3.4E-07	4.3E-05	0.00176	2.09E-03	8.44E-05	2.91E-07	2.49E-05	2.20E-03	0.002059	7.26E-05	2.38E-07	2.64E-05	0.002158
4951	481863.09	3862877.25	0.01914	0.01728	0.01917	0.01916	1.73E-03	7.3E-05	3.6E-07	4.4E-05	0.00185	2.19E-03	9.23E-05	3.05E-07	2.59E-05	2.31E-03	0.002158	7.94E-05	2.49E-07	2.75E-05	0.002265
4952	482363.09	3862877.25	0.01967	0.01892	0.0196	0.0199	1.78E-03	8E-05	3.7E-07	4.6E-05	0.00191	2.25E-03	0.000101	3.12E-07	2.69E-05	2.38E-03	0.002218	8.69E-05	2.54E-07	2.86E-05	0.002334
4953	482863.09	3862877.25	0.02042	0.01939	0.02033	0.0209	1.85E-03	8.2E-05	3.8E-07	4.8E-05	0.00198	2.34E-03	0.000104	3.23E-07	2.83E-05	2.47E-03	0.002302	8.9E-05	2.64E-07	3E-05	0.002422
4954	483363.09	3862877.25	0.02096	0.01973	0.02073	0.02194	1.90E-03	8.3E-05	3.9E-07	5.1E-05	0.00203	2.40E-03	0.000105	3.29E-07	2.97E-05	2.53E-03	0.002363	9.06E-05	2.69E-07	3.15E-05	0.002486
4955	483863.09	3862877.25	0.02128	0.02086	0.02085	0.02258	1.93E-03	8.8E-05	3.9E-07	5.2E-05	0.00207	2.43E-03	0.000111	3.31E-07	3.05E-05	2.58E-03	0.002399	9.58E-05	2.71E-07	3.24E-05	0.002528
4956	484363.09	3862877.25	0.02158	0.02102	0.02097	0.02301	1.96E-03	8.9E-05	3.9E-07	5.3E-05	0.0021	2.47E-03	0.000112	3.33E-07	3.11E-05	2.61E-03	0.002433	9.65E-05	2.72E-07	3.3E-05	0.002563
4957	484863.09	3862877.25	0.0214	0.01913	0.02062	0.0232	1.94E-03	8.1E-05	3.9E-07	5.4E-05	0.00207	2.45E-03	0.000102	3.28E-07	3.14E-05	2.58E-03	0.002413	8.79E-05	2.68E-07	3.33E-05	0.002534
4958	485363.09	3862877.25	0.02133	0.01912	0.02023	0.02284	1.93E-03	8.1E-05	3.8E-07	5.3E-05	0.00207	2.44E-03	0.000102	3.22E-07	3.09E-05	2.57E-03	0.002405	8.78E-05	2.63E-07	3.28E-05	0.002526
4959	485863.09	3862877.25	0.02116	0.02049	0.01963	0.02213	1.92E-03	8.7E-05	3.7E-07	5.1E-05	0.00206	2.42E-03	0.000109	3.12E-07	2.99E-05	2.56E-03	0.002386	9.41E-05	2.55E-07	3.18E-05	0.002512
4960	486363.09	3862877.25	0.02118	0.02024	0.01952	0.02197	1.92E-03	8.6E-05	3.7E-07	5.1E-05	0.00206	2.42E-03	0.000108	3.1E-07	2.97E-05	2.56E-03	0.002388	9.29E-05	2.53E-07	3.16E-05	0.002513
4961	486863.09	3862877.25	0.02083	0.01987	0.01918	0.0217	1.89E-03	8.4E-05	3.6E-07	5E-05	0.00202	2.38E-03	0.000106	3.05E-07	2.93E-05	2.52E-03	0.002349	9.13E-05	2.49E-07	3.12E-05	0.002471
4962	487363.09	3862877.25	0.02069	0.01843	0.0192	0.02155	1.87E-03	7.8E-05	3.6E-07	5E-05	0.002	2.37E-03	9.84E-05	3.05E-07	2.91E-05	2.49E-03	0.002333	8.46E-05	2.49E-07	3.09E-05	0.002449
4963	487863.09	3862877.25	0.02054	0.01756	0.01924	0.02137	1.86E-03	7.4E-05	3.6E-07	4.9E-05	0.00199	2.35E-03	9.38E-05	3.06E-07	2.89E-05	2.47E-03	0.002316	8.06E-05	2.5E-07	3.07E-05	0.002427
4964	488363.09	3862877.25	0.0204	0.01874	0.01901	0.02129	1.85E-03	7.9E-05	3.6E-07	4.9E-05	0.00198	2.33E-03	0.0001	3.02E-07	2.88E-05	2.46E-03	0.0023	8.61E-05	2.47E-07	3.06E-05	0.002417
4965	488863.09	3862877.25	0.0202	0.01989	0.01861	0.02155	1.83E-03	8.4E-05	3.5E-07	5E-05	0.00196	2.31E-03	0.000106	2.96E-07	2.91E-05	2.45E-03	0.002278	9.13E-05	2.42E-07	3.09E-05	0.0024
4966	489363.09	3862877.25	0.02007	0.0193	0.01853	0.02166	1.82E-03	8.2E-05	3.5E-07	5E-05	0.00195	2.30E-03	0.000103	2.95E-07	2.93E-05	2.43E-03	0.002263	8.86E-05	2.41E-07	3.11E-05	0.002383
4967	489863.09	3862877.25	0.02014	0.01886	0.01874	0.02175	1.83E-03	8E-05	3.5E-07	5E-05	0.00196	2.30E-03	0.000101	2.98E-07	2.94E-05	2.43E-03	0.002271	8.66E-05	2.43E-07	3.12E-05	0.002389
4968	490363.09	3862877.25	0.02028	0.0197	0.0189	0.02218	1.84E-03	8.3E-05	3.5E-07	5.1E-05	0.00197	2.32E-03	0.000105	3E-07	3E-05	2.46E-03	0.002287	9.05E-05	2.45E-07	3.19E-05	0.002409
4969	490863.09	3862877.25	0.02047	0.02016	0.0191	0.02267	1.86E-03	8.5E-05	3.6E-07	5.3E-05	0.00199	2.34E-03	0.000108	3.04E-07	3.07E-05	2.48E-03	0.002308	9.26E-05	2.48E-07	3.26E-05	0.002433
4970	491363.09	3862877.25	0.02079	0.02042	0.01944	0.02306	1.88E-03	8.6E-05	3.6E-07	5.3E-05	0.00202	2.38E-03	0.000109	3.09E-07	3.12E-05	2.52E-03	0.002344	9.38E-05	2.52E-07	3.31E-05	0.002471
4971	491863.09	3862877.25	0.02052	0.02041	0.01901	0.02293	1.86E-03	8.6E-05	3.6E-07	5.3E-05	0.002	2.35E-03	0.000109	3.02E-07	3.1E-05	2.49E-03	0.002314	9.37E-05	2.47E-07	3.29E-05	0.002441
4972	492363.09	3862877.25	0.02065	0.02077	0.01915	0.02305	1.87E-03	8.8E-05	3.6E-07	5.3E-05	0.00201	2.36E-03	0.000111	3.04E-07	3.12E-05	2.50E-03	0.002328	9.54E-05	2.49E-07	3.31E-05	0.002457
4973	492863.09	3862877.25	0.02096	0.02137	0.01971	0.02413	1.90E-03	9E-05	3.7E-07	5.6E-05	0.00205	2.40E-03	0.000114	3.13E-07	3.26E-05	2.54E-03	0.002363	9.81E-05	2.56E-07	3.47E-05	0.002496
4974	493363.09	3862877.25	0.02081	0.02144	0.01975	0.02439	1.89E-03	9.1E-05	3.7E-07	5.6E-05	0.00203	2.38E-03	0.000114	3.14E-07	3.3E-05	2.53E-03	0.002346	9.85E-05	2.56E-07	3.5E-05	0.00248
4975	493863.09	3862877.25	0.02008	0.02067	0.01901	0.0232	1.82E-03	8.7E-05	3.6E-07	5.4E-05	0.00196	2.30E-03	0.00011	3.02E-07	3.14E-05	2.44E-03	0.002264	9.49E-05	2.47E-07	3.33E-05	0.002393
4976	494363.09	3862877.25	0.01924	0.01973	0.01805	0.0219	1.74E-03	8.3E-05	3.4E-07	5.1E-05	0.00188	2.20E-03	0.000105	2.87E-07	2.96E-05	2.34E-03	0.002169	9.06E-05	2.34E-07	3.14E-05	0.002292
4977	494863.09	3862877.25	0.01862	0.01912	0.0174	0.0213	1.69E-03	8.1E-05	3.3E-07	4.9E-05	0.00182	2.13E-03	0.000102	2.77E-07	2.88E-05	2.26E-03	0.002099	8.78E-05	2.26E-07	3.06E-05	0.002218
4978	495363.09	3862877.25	0.01842	0.019	0.01719	0.02124	1.67E-03	8E-05	3.2E-07	4.9E-05	0.0018	2.11E-03	0.000101	2.73E-07	2.87E-05	2.24E-03	0.002077	8.73E-05	2.23E-07	3.05E-05	0.002195
4979	495863.09	3862877.25	0.0185	0.01916	0.01713	0.02139	1.68E-03	8.1E-05	3.2E-07	5E-05	0.00181	2.12E-03	0.000102	2.72E-07	2.89E-05	2.25E-03	0.002086	8.8E-05	2.22E-07	3.07E-05	0.002205
4980	496363.09	3862877.25	0.01872	0.01956	0.01718	0.02182	1.70E-03	8.3E-05	3.2E-07	5.1E-05	0.00183	2.14E-03	0.000104	2.73E-07	2.95E-05	2.28E-03	0.002111	8.98E-05	2.23E-07	3.13E-05	0.002232
4981	496863.09	3862877.25	0.01898	0.02012	0.01748	0.02254	1.72E-03	8.5E-05	3.3E-07	5.2E-05	0.00186	2.17E-03	0.000107	2.78E-07	3.05E-05	2.31E-03	0.00214	9.24E-05	2.27E-07	3.24E-05	0.002265
4982	497363.09	3862877.25	0.01915	0.02054	0.01789	0.02317	1.74E-03	8.7E-05	3.3E-07	5.4E-05	0.00188	2.19E-03	0.00011	2.84E-07	3.13E-05	2.33E-03	0.002159	9.43E-05	2.32E-07	3.33E-05	0.002287
4983	497863.09	3862877.25	0.01927	0.02079	0.01826	0.02354	1.75E-03	8.8E-05	3.4E-07	5.5E-05	0.00189	2.20E-03	0.000111	2.9E-07	3.18E-05	2.35E-03	0.002173	9.55E-05	2.37E-07	3.38E-05	0.002302
4984	498363.09	3862877.25	0.01932	0.02087	0.01847	0.02359	1.75E-03	8.8E-05	3.5E-07	5.5E-05	0.00189	2.21E-03	0.000111	2.94E-07	3.19E-05	2.35E-03	0.002178	9.58E-05	2.4E-07	3.39E-05	0.002308
4985	471363.09	3863377.25	0.00805	0.00732	0.00814	0.00811	7.30E-04	3.1E-05	1.5E-07	1.9E-05	0.00078	9.21E-04	3.91E-05	1.29E-07	1.1E-05	9.71E-04	0.000908	3.36E-05	1.06E-07	1.16E-05	0.000953
4986	471863.09	3863377.25	0.00832	0.00762	0.00836	0.0083	7.54E-04	3.2E-05	1.6E-07	1.9E-05	0.00081	9.52E-04	4.07E-05	1.33E-07	1.12E-05	1.00E-03	0.000938	3.5E-05	1.09E-07	1.19E-05	0.000985
4987	472363.09	3863377.25	0.00859	0.00799	0.00861	0.00848	7.78E-04	3.4E-05	1.6E-07	2E-05	0.00083	9.83E-04	4.27E-05	1.37E-07	1.15E-05	1.04E-03	0.000969	3.67E-05	1.12E-07	1.22E-05	0.001018
4988	472863.09	3863377.25	0.00887	0.0084	0.00888	0.0087	8.04E-04	3.6E-05	1.7E-07	2E-05	0.00086	1.01E-03	4.49E-05	1.41E-07	1.18E-05	1.07E-03	0.001	3.86E-05	1.15E-07	1.25E-05	0.001051
4989	473363.09	3863377.25	0.00915	0.00887	0.00915	0.00896	8.29E-04	3.8E-05	1.7E-07	2.1E-05	0.00089	1.05E-03	4.74E-05	1.45E-07	1.21E-05	1.11E-03	0.001032	4.07E-05	1.19E-07	1.29E-05	0.001085
4990	473863.09	3863377.25	0.00946	0.00943	0.00942	0.00926	8.57E-04	4E-05	1.8E-07	2.1E-05	0.00092	1.08E-03	5.04E-05	1.5E-07	1.25E-05	1.15E-03	0.001067	4.33E-05	1.22E-07	1.33E-05	0.001123
4991	474363.09	3863377.25	0.00977	0.01002	0.00968	0.00958	8.85E-04	4.2E-05	1.8E-07	2.2E-05	0.00095	1.12E-03	5.35E-05	1.54E-07	1.3E-05	1.18E-03	0.001102	4.6E-05	1.26E-07	1.38E-05	0.001161
4992	474863.09	3863377.25	0.01005	0.01049	0.00988	0.00994	9.11E-04	4.4E-05	1.8E-07	2.3E-05	0.00098	1.15E-03	5.6E-05	1.57E-07	1.34E-05	1.22E-03	0.001133	4.82E-05	1.28E-07	1.43E-05	0.001196
4993	475363.09	3863377.25	0.01037	0.01084	0.01009	0.01027	9.40E-04	4.6E-05	1.9E-07	2.4E-05	0.00101	1.19E-03	5.79E-05	1.6E-07	1.39E-05	1.26E-03	0.001169	4.98E-05	1.31E-07	1.47E-05	0.001234
4994	475863.09	3863377.25	0.01073	0.01104	0.01032	0.01059	9.72E-04	4.7E-05	1.9E-07	2.5E-05	0.00104	1.23E-03	5.89E-05	1.64E-07	1.43E-05	1.30E-03	0.00121	5.07E-05	1.34E-07	1.52E-05	0.001276
4995	476363.09	3863377.25	0.01112	0.01113	0.01061	0.01091	1.01E-03	4.7E-05	2E-07	2.5E-05	0.00108	1.27E-03	5.94E-05	1.69E-07	1.48E-05	1.35E-03	0.001254	5.11E-05	1.38E-07	1.57E-05	0.001321
4996	476863.09	3863377.25	0.01159	0.01127	0.01103	0.01117	1.05E-03	4.8E-05	2.1E-07	2.6E-05	0.00112	1.33E-03	6.02E-05	1.75E-07	1.51E-05	1.40E-03	0.001307	5.18E-05	1.43E-07	1.6E-05	0.001375
4997	477363.09	3863377.25	0.01212	0.0115	0.01161	0.01137	1.10E-03	4.9E-05	2.2E-07	2.6E-05	0.00117	1.39E-03	6.14E-05	1.85E-07	1.54E-05	1.46E-03	0.001367	5.28E-05	1.51E-07	1.63E-05	0.001436
4998	477863.09	3863377.25	0.01263	0.01181	0.01227	0.0114	1.14E-03	5E-05	2.3E-07	2.6E-05	0.00122	1.44E-03	6.31E-05	1.95E-07	1.54E-05	1.52E-03	0.001424	5.42E-05	1.59E-07	1.64E-05	0.001495

4999	478363.09	3863377.25	0.01285	0.01195	0.01273	0.01082	1.16E-03	5.1E-05	2.4E-07	2.5E-05	0.00124	1.47E-03	6.38E-05	2.02E-07	1.46E-05	1.55E-03	0.001449	5.49E-05	1.65E-07	1.55E-05	0.001519
5000	478863.09	3863377.25	0.0136	0.01309	0.01342	0.01163	1.23E-03	5.5E-05	2.5E-07	2.7E-05	0.00132	1.56E-03	6.99E-05	2.13E-07	1.57E-05	1.64E-03	0.001533	6.01E-05	1.74E-07	1.67E-05	0.00161
5001	479363.09	3863377.25	0.01447	0.0141	0.01424	0.01299	1.31E-03	6E-05	2.7E-07	3E-05	0.0014	1.66E-03	7.53E-05	2.26E-07	1.76E-05	1.75E-03	0.001631	6.48E-05	1.85E-07	1.87E-05	0.001715
5002	479863.09	3863377.25	0.01497	0.01444	0.01477	0.01425	1.36E-03	6.1E-05	2.8E-07	3.3E-05	0.00145	1.71E-03	7.71E-05	2.35E-07	1.93E-05	1.81E-03	0.001688	6.63E-05	1.92E-07	2.05E-05	0.001775
5003	480363.09	3863377.25	0.01553	0.01441	0.01547	0.01518	1.41E-03	6.1E-05	2.9E-07	3.5E-05	0.0015	1.78E-03	7.69E-05	2.46E-07	2.05E-05	1.87E-03	0.001751	6.62E-05	2.01E-07	2.18E-05	0.001839
5004	480863.09	3863377.25	0.01614	0.01416	0.01623	0.01608	1.46E-03	6E-05	3E-07	3.7E-05	0.00156	1.85E-03	7.56E-05	2.58E-07	2.17E-05	1.94E-03	0.00182	6.5E-05	2.11E-07	2.31E-05	0.001908
5005	481363.09	3863377.25	0.01658	0.01456	0.01665	0.01685	1.50E-03	6.2E-05	3.1E-07	3.9E-05	0.0016	1.90E-03	7.77E-05	2.65E-07	2.28E-05	2.00E-03	0.001869	6.69E-05	2.16E-07	2.42E-05	0.001961
5006	481863.09	3863377.25	0.01719	0.01619	0.01711	0.01741	1.56E-03	6.8E-05	3.2E-07	4E-05	0.00167	1.97E-03	8.64E-05	2.72E-07	2.35E-05	2.08E-03	0.001938	7.44E-05	2.22E-07	2.5E-05	0.002038
5007	482363.09	3863377.25	0.01784	0.01723	0.0177	0.01807	1.62E-03	7.3E-05	3.3E-07	4.2E-05	0.00173	2.04E-03	9.2E-05	2.81E-07	2.44E-05	2.16E-03	0.002011	7.91E-05	2.3E-07	2.59E-05	0.002117
5008	482863.09	3863377.25	0.01831	0.01713	0.01816	0.01897	1.66E-03	7.2E-05	3.4E-07	4.4E-05	0.00178	2.09E-03	9.15E-05	2.89E-07	2.56E-05	2.21E-03	0.002064	7.87E-05	2.36E-07	2.72E-05	0.002171
5009	483363.09	3863377.25	0.01869	0.01791	0.01837	0.01966	1.69E-03	7.6E-05	3.4E-07	4.6E-05	0.00182	2.14E-03	9.56E-05	2.92E-07	2.66E-05	2.26E-03	0.002107	8.22E-05	2.38E-07	2.82E-05	0.002218
5010	483863.09	3863377.25	0.01895	0.0187	0.01848	0.02001	1.72E-03	7.9E-05	3.5E-07	4.6E-05	0.00184	2.17E-03	9.98E-05	2.94E-07	2.71E-05	2.29E-03	0.002137	8.59E-05	2.4E-07	2.87E-05	0.002251
5011	484363.09	3863377.25	0.01907	0.01808	0.01849	0.02032	1.73E-03	7.6E-05	3.5E-07	4.7E-05	0.00185	2.18E-03	9.65E-05	2.94E-07	2.75E-05	2.31E-03	0.00215	8.3E-05	2.4E-07	2.92E-05	0.002263
5012	484863.09	3863377.25	0.01911	0.01659	0.01848	0.02041	1.73E-03	7E-05	3.5E-07	4.7E-05	0.00185	2.19E-03	8.86E-05	2.94E-07	2.76E-05	2.30E-03	0.002155	7.62E-05	2.4E-07	2.93E-05	0.00226
5013	485363.09	3863377.25	0.01887	0.01715	0.01794	0.0199	1.71E-03	7.3E-05	3.4E-07	4.6E-05	0.00183	2.16E-03	9.16E-05	2.85E-07	2.69E-05	2.28E-03	0.002128	7.88E-05	2.33E-07	2.86E-05	0.002235
5014	485863.09	3863377.25	0.01875	0.0179	0.01748	0.01937	1.70E-03	7.6E-05	3.3E-07	4.5E-05	0.00182	2.14E-03	9.56E-05	2.78E-07	2.62E-05	2.27E-03	0.002114	8.22E-05	2.27E-07	2.78E-05	0.002224
5015	486363.09	3863377.25	0.01865	0.01766	0.01729	0.01922	1.69E-03	7.5E-05	3.2E-07	4.5E-05	0.00181	2.13E-03	9.43E-05	2.75E-07	2.6E-05	2.25E-03	0.002103	8.11E-05	2.24E-07	2.76E-05	0.002212
5016	486863.09	3863377.25	0.0185	0.01771	0.01712	0.01888	1.68E-03	7.5E-05	3.2E-07	4.4E-05	0.0018	2.12E-03	9.46E-05	2.72E-07	2.55E-05	2.24E-03	0.002086	8.13E-05	2.22E-07	2.71E-05	0.002195
5017	487363.09	3863377.25	0.01837	0.01647	0.01714	0.01881	1.66E-03	7E-05	3.2E-07	4.4E-05	0.00178	2.10E-03	8.79E-05	2.72E-07	2.54E-05	2.21E-03	0.002071	7.56E-05	2.22E-07	2.7E-05	0.002174
5018	487863.09	3863377.25	0.0182	0.01553	0.0172	0.0187	1.65E-03	6.6E-05	3.2E-07	4.3E-05	0.00176	2.08E-03	8.29E-05	2.73E-07	2.53E-05	2.19E-03	0.002052	7.13E-05	2.23E-07	2.69E-05	0.00215
5019	488363.09	3863377.25	0.01808	0.01621	0.01708	0.01867	1.64E-03	6.9E-05	3.2E-07	4.3E-05	0.00175	2.07E-03	8.66E-05	2.71E-07	2.52E-05	2.18E-03	0.002039	7.44E-05	2.22E-07	2.68E-05	0.00214
5020	488863.09	3863377.25	0.01792	0.01737	0.0167	0.01889	1.62E-03	7.3E-05	3.1E-07	4.4E-05	0.00174	2.05E-03	9.27E-05	2.65E-07	2.55E-05	2.17E-03	0.00202	7.98E-05	2.17E-07	2.71E-05	0.002128
5021	489363.09	3863377.25	0.01774	0.0173	0.01644	0.01888	1.61E-03	7.3E-05	3.1E-07	4.4E-05	0.00172	2.03E-03	9.24E-05	2.61E-07	2.55E-05	2.15E-03	0.002	7.94E-05	2.13E-07	2.71E-05	0.002107
5022	489863.09	3863377.25	0.01771	0.01669	0.01653	0.01887	1.60E-03	7.1E-05	3.1E-07	4.4E-05	0.00172	2.03E-03	8.91E-05	2.63E-07	2.55E-05	2.14E-03	0.001997	7.66E-05	2.15E-07	2.71E-05	0.002101
5023	490363.09	3863377.25	0.01779	0.01686	0.01674	0.01917	1.61E-03	7.1E-05	3.1E-07	4.4E-05	0.00173	2.03E-03	9E-05	2.66E-07	2.59E-05	2.15E-03	0.002006	7.74E-05	2.17E-07	2.75E-05	0.002111
5024	490863.09	3863377.25	0.01802	0.01773	0.0169	0.01968	1.63E-03	7.5E-05	3.2E-07	4.6E-05	0.00175	2.06E-03	9.47E-05	2.69E-07	2.66E-05	2.18E-03	0.002032	8.14E-05	2.19E-07	2.83E-05	0.002142
5025	491363.09	3863377.25	0.01811	0.01777	0.01703	0.01987	1.64E-03	7.5E-05	3.2E-07	4.6E-05	0.00176	2.07E-03	9.49E-05	2.71E-07	2.69E-05	2.19E-03	0.002042	8.16E-05	2.21E-07	2.85E-05	0.002152
5026	491863.09	3863377.25	0.01817	0.01787	0.01713	0.02012	1.65E-03	7.6E-05	3.2E-07	4.7E-05	0.00177	2.08E-03	9.54E-05	2.72E-07	2.72E-05	2.20E-03	0.002049	8.21E-05	2.22E-07	2.89E-05	0.00216
5027	492363.09	3863377.25	0.01835	0.01831	0.01712	0.02024	1.66E-03	7.7E-05	3.2E-07	4.7E-05	0.00179	2.10E-03	9.78E-05	2.72E-07	2.74E-05	2.22E-03	0.002069	8.41E-05	2.22E-07	2.91E-05	0.002182
5028	492863.09	3863377.25	0.01885	0.01903	0.01761	0.02056	1.71E-03	8.1E-05	3.3E-07	4.8E-05	0.00184	2.16E-03	0.000102	2.8E-07	2.78E-05	2.29E-03	0.002125	8.74E-05	2.29E-07	2.95E-05	0.002242
5029	493363.09	3863377.25	0.01943	0.01993	0.01842	0.02162	1.76E-03	8.4E-05	3.4E-07	5E-05	0.0019	2.22E-03	0.000106	2.93E-07	2.92E-05	2.36E-03	0.002191	9.15E-05	2.39E-07	3.1E-05	0.002314
5030	493863.09	3863377.25	0.01927	0.01995	0.01844	0.02191	1.75E-03	8.4E-05	3.5E-07	5.1E-05	0.00188	2.20E-03	0.000107	2.93E-07	2.96E-05	2.34E-03	0.002173	9.16E-05	2.39E-07	3.15E-05	0.002296
5031	494363.09	3863377.25	0.01837	0.01897	0.01754	0.02088	1.66E-03	8E-05	3.3E-07	4.8E-05	0.00179	2.10E-03	0.000101	2.79E-07	2.82E-05	2.23E-03	0.002071	8.71E-05	2.28E-07	3E-05	0.002189
5032	494863.09	3863377.25	0.01765	0.01815	0.01671	0.0197	1.60E-03	7.7E-05	3.1E-07	4.6E-05	0.00172	2.02E-03	9.69E-05	2.66E-07	2.66E-05	2.14E-03	0.00199	8.34E-05	2.17E-07	2.83E-05	0.002102
5033	495363.09	3863377.25	0.01728	0.0178	0.01628	0.01916	1.57E-03	7.5E-05	3E-07	4.4E-05	0.00169	1.98E-03	9.5E-05	2.59E-07	2.59E-05	2.10E-03	0.001948	8.17E-05	2.11E-07	2.75E-05	0.002058
5034	495863.09	3863377.25	0.01713	0.01773	0.01615	0.0191	1.55E-03	7.5E-05	3E-07	4.4E-05	0.00167	1.96E-03	9.47E-05	2.57E-07	2.58E-05	2.08E-03	0.001931	8.14E-05	2.1E-07	2.74E-05	0.00204
5035	496363.09	3863377.25	0.0165	0.0171	0.01549	0.01888	1.50E-03	7.2E-05	2.9E-07	4.4E-05	0.00161	1.89E-03	9.13E-05	2.46E-07	2.55E-05	2.00E-03	0.00186	7.85E-05	2.01E-07	2.71E-05	0.001966
5036	496863.09	3863377.25	0.01628	0.01695	0.01515	0.01878	1.48E-03	7.2E-05	2.8E-07	4.3E-05	0.00159	1.86E-03	9.05E-05	2.41E-07	2.54E-05	1.98E-03	0.001836	7.78E-05	1.97E-07	2.7E-05	0.001941
5037	497363.09	3863377.25	0.01647	0.01733	0.01524	0.01921	1.49E-03	7.3E-05	2.9E-07	4.4E-05	0.00161	1.88E-03	9.25E-05	2.42E-07	2.6E-05	2.00E-03	0.001857	7.96E-05	1.98E-07	2.76E-05	0.001964
5038	497863.09	3863377.25	0.01675	0.01784	0.01558	0.01989	1.52E-03	7.5E-05	2.9E-07	4.6E-05	0.00164	1.92E-03	9.53E-05	2.48E-07	2.69E-05	2.04E-03	0.001889	8.19E-05	2.02E-07	2.86E-05	0.001999
5039	498363.09	3863377.25	0.01694	0.01823	0.01597	0.02045	1.54E-03	7.7E-05	3E-07	4.7E-05	0.00166	1.94E-03	9.73E-05	2.54E-07	2.77E-05	2.06E-03	0.00191	8.37E-05	2.07E-07	2.94E-05	0.002023
5040	471363.09	3863877.25	0.00772	0.0071	0.00773	0.00765	7.00E-04	3E-05	1.4E-07	1.8E-05	0.00075	8.83E-04	3.79E-05	1.23E-07	1.03E-05	9.31E-04	0.00087	3.26E-05	1E-07	1.1E-05	0.000914
5041	471863.09	3863877.25	0.00796	0.0075	0.00796	0.00777	7.21E-04	3.2E-05	1.5E-07	1.8E-05	0.00077	9.10E-04	4E-05	1.27E-07	1.05E-05	9.61E-04	0.000897	3.44E-05	1.03E-07	1.12E-05	0.000943
5042	472363.09	3863877.25	0.00819	0.00792	0.00818	0.00799	7.42E-04	3.4E-05	1.5E-07	1.9E-05	0.00079	9.37E-04	4.23E-05	1.3E-07	1.08E-05	9.90E-04	0.000923	3.64E-05	1.06E-07	1.15E-05	0.000971
5043	472863.09	3863877.25	0.00843	0.00841	0.00839	0.00824	7.64E-04	3.6E-05	1.6E-07	1.9E-05	0.00082	9.64E-04	4.49E-05	1.33E-07	1.11E-05	1.02E-03	0.00095	3.86E-05	1.09E-07	1.18E-05	0.001001
5044	473363.09	3863877.25	0.00865	0.00891	0.00857	0.00854	7.84E-04	3.8E-05	1.6E-07	2E-05	0.00084	9.89E-04	4.76E-05	1.36E-07	1.15E-05	1.05E-03	0.000975	4.09E-05	1.11E-07	1.23E-05	0.001029
5045	473863.09	3863877.25	0.00891	0.00938	0.00877	0.00881	8.07E-04	4E-05	1.6E-07	2E-05	0.00087	1.02E-03	5.01E-05	1.39E-07	1.19E-05	1.08E-03	0.001005	4.31E-05	1.14E-07	1.27E-05	0.00106
5046	474363.09	3863877.25	0.00916	0.00965	0.00893	0.0091	8.30E-04	4.1E-05	1.7E-07	2.1E-05	0.00089	1.05E-03	5.15E-05	1.42E-07	1.23E-05	1.11E-03	0.001033	4.43E-05	1.16E-07	1.31E-05	0.00109
5047	474863.09	3863877.25	0.0094	0.00967	0.00908	0.00941	8.52E-04	4.1E-05	1.7E-07	2.2E-05	0.00091	1.08E-03	5.16E-05	1.44E-07	1.27E-05	1.14E-03	0.00106	4.44E-05	1.18E-07	1.35E-05	0.001118
5048	475363.09	3863877.25	0.00971	0.00965	0.00931	0.00966	8.80E-04	4.1E-05	1.7E-07	2.2E-05	0.00094	1.11E-03	5.15E-05	1.48E-07	1.31E-05	1.18E-03	0.001095	4.43E-05	1.21E-07	1.39E-05	0.001153
5049	475863.09	3863877.25	0.01002	0.00961	0.00956	0.00987	9.08E-04	4.1E-05	1.8E-07	2.3E-05	0.00097	1.15E-03	5.13E-05	1.52E-07	1.33E-05	1.21E-03	0.00113	4.41E-05	1.24E-07	1.42E-05	0.001188
5050	476363.09	3863877.25	0.01043	0.00982	0.00995	0.01001	9.45E-04	4.2E-05	1.9E-07	2.3E-05	0.00101	1.19E-03	5.24E-05	1.58E-07	1.35E-05	1.26E-03	0.001176	4.51E-05	1.29E-07	1.44E-05	0.001236
5051	476863.09	3863877.25	0.01085	0.01017	0.0104	0.01019	9.83E-04	4.3E-05	1.9E-07	2.4E-05	0.00105	1.24E-03	5.43E-05	1.65E-07	1.38E-05	1.31E-03	0.001223	4.67E-05	1.35E-07	1.46E-05	0.001285
5052	477363.09	3863877.25	0.01134	0.01059	0.01096	0.01045	1.03E-03	4.5E-05	2.1E-07	2.4E-05	0.0011	1.30E-03	5.65E-05	1.74E-07	1.41E-05	1.37E-03	0.001279	4.86E-05	1.42E-07	1.5E-05	0.001342
5053	477863.09	3863877.25	0.01188	0.01108	0.01156	0.01079	1.08E-03	4.7E-05	2.2E-07	2.5E-05	0.00115	1.36E-03	5.92E-05	1.84E-07	1.46E-05	1.43E-03	0.001339	5.09E-05	1.5E-07	1.55E-05	0.001406
5054	478363.09	3863877.25	0.01235	0.01179	0.0121	0.01084	1.12E-03	5E-05	2.3E-07	2.5E-05	0.00119	1.41E-03	6.3E-05	1.92E-07	1.47E-05	1.49E-03	0.001392	5.41E-05	1.57E-07	1.56E-05	0.001462
5055	478863.09	3863877.25	0.01293	0.01249	0.01266	0.01184	1.17E-03	5.3E-05	2.4E-07	2.7E-05	0.00125	1.48E-03	6.67E-05	2.01E-07	1.6E-05	1.56E-03	0.001458	5.74E-05	1.64E-07	1.7E-05	0.001532
5056	479363.09	3863877.25	0.01337	0.01291	0.01319	0.01263	1.21E-03	5.5E-05	2.5E-07	2.9E-05	0.0013	1.53E-03	6.89E-05	2.1E-07	1.71E-05	1.62E-03	0.001507	5.93E-05	1.71E-07	1.81E-05	0.001585
5057	479863.09	3863877.25	0.01384	0.013	0.01377	0.0134	1.25E-03	5.5E-05	2.6E-07	3.1E-05	0.00134	1.58E-03	6.94E-05	2.19E-07	1.81E-05	1.67E-03	0.00156	5.97E-05	1.79E-07	1.92E-05	0.00164
5058	480363.09	3863877.25	0.01429	0.01283	0.01436	0.01414	1.29E-03	5.4E-05	2.7E-07	3.3E-05	0.00138	1.63E-03	6.85E-05	2.28E-07	1.91E-05	1.72E-03	0.001611	5.89E-05	1.86E-07	2.03E-05	0.001691
5059	480863.09	3863877.25	0.01478	0.01294	0.0149	0.01487	1.34E-03	5.5E-05	2.8E-07	3.4E-05	0.00143	1.69E-03	6.91E-05	2.37E-07	2.01E-05	1.78E-03	0.001666	5.94E-05	1.93E-07	2.14E-05	0.001747

5060	481363.09	3863877.25	0.01522	0.01387	0.0152	0.01543	1.38E-03	5.9E-05	2.8E-07	3.6E-05	0.00147	1.74E-03	7.41E-05	2.42E-07	2.09E-05	1.84E-03	0.001716	6.37E-05	1.97E-07	2.22E-05	0.001802
5061	481863.09	3863877.25	0.0157	0.01506	0.01553	0.01589	1.42E-03	6.4E-05	2.9E-07	3.7E-05	0.00152	1.80E-03	8.04E-05	2.47E-07	2.15E-05	1.90E-03	0.00177	6.92E-05	2.02E-07	2.28E-05	0.001862
5062	482363.09	3863877.25	0.01623	0.01542	0.01607	0.01653	1.47E-03	6.5E-05	3E-07	3.8E-05	0.00157	1.86E-03	8.23E-05	2.55E-07	2.24E-05	1.96E-03	0.00183	7.08E-05	2.09E-07	2.37E-05	0.001925
5063	482863.09	3863877.25	0.01654	0.01558	0.01633	0.01721	1.50E-03	6.6E-05	3.1E-07	4E-05	0.0016	1.89E-03	8.32E-05	2.6E-07	2.33E-05	2.00E-03	0.001865	7.15E-05	2.12E-07	2.47E-05	0.001961
5064	483363.09	3863877.25	0.01678	0.01633	0.0164	0.0176	1.52E-03	6.9E-05	3.1E-07	4.1E-05	0.00163	1.92E-03	8.72E-05	2.61E-07	2.38E-05	2.03E-03	0.001892	7.5E-05	2.13E-07	2.53E-05	0.001992
5065	483863.09	3863877.25	0.01702	0.01665	0.01651	0.01787	1.54E-03	7E-05	3.1E-07	4.1E-05	0.00165	1.95E-03	8.89E-05	2.62E-07	2.42E-05	2.06E-03	0.001919	7.65E-05	2.14E-07	2.57E-05	0.002021
5066	484363.09	3863877.25	0.01707	0.01562	0.01657	0.01806	1.55E-03	6.6E-05	3.1E-07	4.2E-05	0.00166	1.95E-03	8.34E-05	2.63E-07	2.44E-05	2.06E-03	0.001925	7.17E-05	2.15E-07	2.59E-05	0.002023
5067	484863.09	3863877.25	0.01704	0.01468	0.01655	0.01799	1.54E-03	6.2E-05	3.1E-07	4.2E-05	0.00165	1.95E-03	7.84E-05	2.63E-07	2.43E-05	2.05E-03	0.001921	6.74E-05	2.15E-07	2.58E-05	0.002015
5068	485363.09	3863877.25	0.0169	0.01556	0.01611	0.01756	1.53E-03	6.6E-05	3E-07	4.1E-05	0.00164	1.93E-03	8.31E-05	2.56E-07	2.37E-05	2.04E-03	0.001905	7.15E-05	2.09E-07	2.52E-05	0.002002
5069	485863.09	3863877.25	0.01683	0.0158	0.01578	0.01724	1.53E-03	6.7E-05	3E-07	4E-05	0.00163	1.92E-03	8.44E-05	2.51E-07	2.33E-05	2.03E-03	0.001898	7.26E-05	2.05E-07	2.48E-05	0.001995
5070	486363.09	3863877.25	0.0166	0.01559	0.01547	0.01696	1.50E-03	6.6E-05	2.9E-07	3.9E-05	0.00161	1.90E-03	8.32E-05	2.46E-07	2.29E-05	2.01E-03	0.001872	7.16E-05	2.01E-07	2.44E-05	0.001968
5071	486863.09	3863877.25	0.01647	0.01577	0.01529	0.01655	1.49E-03	6.7E-05	2.9E-07	3.8E-05	0.0016	1.88E-03	8.42E-05	2.43E-07	2.24E-05	1.99E-03	0.001857	7.24E-05	1.98E-07	2.38E-05	0.001953
5072	487363.09	3863877.25	0.01638	0.01479	0.01534	0.01654	1.48E-03	6.3E-05	2.9E-07	3.8E-05	0.00159	1.87E-03	7.9E-05	2.44E-07	2.24E-05	1.98E-03	0.001847	6.79E-05	1.99E-07	2.38E-05	0.001939
5073	487863.09	3863877.25	0.01626	0.0139	0.01547	0.01651	1.47E-03	5.9E-05	2.9E-07	3.8E-05	0.00157	1.86E-03	7.42E-05	2.46E-07	2.23E-05	1.96E-03	0.001833	6.38E-05	2.01E-07	2.37E-05	0.001921
5074	488363.09	3863877.25	0.01621	0.01428	0.01546	0.01654	1.47E-03	6E-05	2.9E-07	3.8E-05	0.00157	1.85E-03	7.62E-05	2.46E-07	2.24E-05	1.95E-03	0.001828	6.56E-05	2.01E-07	2.38E-05	0.001917
5075	488863.09	3863877.25	0.01607	0.01522	0.01516	0.01676	1.46E-03	6.4E-05	2.8E-07	3.9E-05	0.00156	1.84E-03	8.13E-05	2.41E-07	2.27E-05	1.94E-03	0.001812	6.99E-05	1.97E-07	2.41E-05	0.001906
5076	489363.09	3863877.25	0.01588	0.01551	0.0148	0.01672	1.44E-03	6.6E-05	2.8E-07	3.9E-05	0.00154	1.82E-03	8.28E-05	2.35E-07	2.26E-05	1.92E-03	0.00179	7.12E-05	1.92E-07	2.4E-05	0.001886
5077	489863.09	3863877.25	0.0158	0.01511	0.01476	0.01659	1.43E-03	6.4E-05	2.8E-07	3.8E-05	0.00153	1.81E-03	8.07E-05	2.35E-07	2.24E-05	1.91E-03	0.001781	6.94E-05	1.92E-07	2.38E-05	0.001875
5078	490363.09	3863877.25	0.01581	0.01482	0.01495	0.01678	1.43E-03	6.3E-05	2.8E-07	3.9E-05	0.00153	1.81E-03	7.91E-05	2.38E-07	2.27E-05	1.91E-03	0.001783	6.81E-05	1.94E-07	2.41E-05	0.001875
5079	490863.09	3863877.25	0.01594	0.01538	0.01509	0.01718	1.44E-03	6.5E-05	2.8E-07	4E-05	0.00155	1.82E-03	8.21E-05	2.4E-07	2.32E-05	1.93E-03	0.001797	7.06E-05	1.96E-07	2.47E-05	0.001893
5080	491363.09	3863877.25	0.01609	0.01586	0.01516	0.01748	1.46E-03	6.7E-05	2.8E-07	4E-05	0.00157	1.84E-03	8.47E-05	2.41E-07	2.36E-05	1.95E-03	0.001814	7.28E-05	1.97E-07	2.51E-05	0.001912
5081	491863.09	3863877.25	0.01666	0.01635	0.01579	0.01789	1.51E-03	6.9E-05	3E-07	4.1E-05	0.00162	1.91E-03	8.73E-05	2.51E-07	2.42E-05	2.02E-03	0.001878	7.51E-05	2.05E-07	2.57E-05	0.001979
5082	492363.09	3863877.25	0.01709	0.01699	0.01626	0.01823	1.55E-03	7.2E-05	3E-07	4.2E-05	0.00166	1.95E-03	9.07E-05	2.58E-07	2.46E-05	2.07E-03	0.001927	7.8E-05	2.11E-07	2.62E-05	0.002031
5083	492863.09	3863877.25	0.01711	0.01727	0.01616	0.01734	1.55E-03	7.3E-05	3E-07	4E-05	0.00166	1.96E-03	9.22E-05	2.57E-07	2.34E-05	2.07E-03	0.001929	7.93E-05	2.1E-07	2.49E-05	0.002034
5084	493363.09	3863877.25	0.01713	0.01752	0.01626	0.01717	1.55E-03	7.4E-05	3E-07	4E-05	0.00167	1.96E-03	9.35E-05	2.58E-07	2.32E-05	2.08E-03	0.001931	8.05E-05	2.11E-07	2.47E-05	0.002037
5085	493863.09	3863877.25	0.01753	0.01799	0.01671	0.01922	1.59E-03	7.6E-05	3.1E-07	4.5E-05	0.00171	2.01E-03	9.61E-05	2.66E-07	2.6E-05	2.13E-03	0.001977	8.26E-05	2.17E-07	2.76E-05	0.002087
5086	494363.09	3863877.25	0.0174	0.018	0.0167	0.0197	1.58E-03	7.6E-05	3.1E-07	4.6E-05	0.0017	1.99E-03	9.61E-05	2.65E-07	2.66E-05	2.11E-03	0.001962	8.27E-05	2.17E-07	2.83E-05	0.002073
5087	494863.09	3863877.25	0.01676	0.01736	0.01611	0.01874	1.52E-03	7.3E-05	3E-07	4.3E-05	0.00164	1.92E-03	9.27E-05	2.56E-07	2.53E-05	2.04E-03	0.00189	7.97E-05	2.09E-07	2.69E-05	0.001997
5088	495363.09	3863877.25	0.01604	0.01653	0.01532	0.01754	1.45E-03	7E-05	2.9E-07	4.1E-05	0.00156	1.83E-03	8.83E-05	2.43E-07	2.37E-05	1.95E-03	0.001809	7.59E-05	1.99E-07	2.52E-05	0.00191
5089	495863.09	3863877.25	0.01556	0.01601	0.01476	0.01688	1.41E-03	6.8E-05	2.8E-07	3.9E-05	0.00152	1.78E-03	8.55E-05	2.35E-07	2.28E-05	1.89E-03	0.001754	7.35E-05	1.92E-07	2.42E-05	0.001852
5090	496363.09	3863877.25	0.01511	0.0156	0.01433	0.01684	1.37E-03	6.6E-05	2.7E-07	3.9E-05	0.00147	1.73E-03	8.33E-05	2.28E-07	2.28E-05	1.83E-03	0.001704	7.16E-05	1.86E-07	2.42E-05	0.0018
5091	496863.09	3863877.25	0.01481	0.01535	0.01404	0.01678	1.34E-03	6.5E-05	2.6E-07	3.9E-05	0.00145	1.69E-03	8.2E-05	2.23E-07	2.27E-05	1.80E-03	0.00167	7.05E-05	1.82E-07	2.41E-05	0.001765
5092	497363.09	3863877.25	0.01466	0.01525	0.01381	0.01673	1.33E-03	6.5E-05	2.6E-07	3.9E-05	0.00143	1.68E-03	8.14E-05	2.19E-07	2.26E-05	1.78E-03	0.001653	7E-05	1.79E-07	2.4E-05	0.001747
5093	497863.09	3863877.25	0.01471	0.0154	0.01373	0.01689	1.33E-03	6.5E-05	2.6E-07	3.9E-05	0.00144	1.68E-03	8.22E-05	2.18E-07	2.28E-05	1.79E-03	0.001659	7.07E-05	1.78E-07	2.43E-05	0.001754
5094	498363.09	3863877.25	0.01481	0.01566	0.01379	0.01725	1.34E-03	6.6E-05	2.6E-07	4E-05	0.00145	1.69E-03	8.36E-05	2.19E-07	2.33E-05	1.80E-03	0.00167	7.19E-05	1.79E-07	2.48E-05	0.001767
5095	471363.09	3864377.25	0.00738	0.00712	0.00736	0.0072	6.69E-04	3E-05	1.4E-07	1.7E-05	0.00072	8.44E-04	3.8E-05	1.17E-07	9.74E-06	8.92E-04	0.000832	3.27E-05	9.55E-08	1.03E-05	0.000875
5096	471863.09	3864377.25	0.00758	0.00756	0.00754	0.00739	6.87E-04	3.2E-05	1.4E-07	1.7E-05	0.00074	8.67E-04	4.04E-05	1.2E-07	9.99E-06	9.17E-04	0.000855	3.47E-05	9.79E-08	1.06E-05	0.0009
5097	472363.09	3864377.25	0.00777	0.00802	0.0077	0.00762	7.04E-04	3.4E-05	1.4E-07	1.8E-05	0.00076	8.89E-04	4.28E-05	1.22E-07	1.03E-05	9.42E-04	0.000876	3.68E-05	9.99E-08	1.09E-05	0.000924
5098	472863.09	3864377.25	0.00798	0.00844	0.00785	0.00786	7.23E-04	3.6E-05	1.5E-07	1.8E-05	0.00078	9.13E-04	4.51E-05	1.25E-07	1.06E-05	9.69E-04	0.0009	3.88E-05	1.02E-07	1.13E-05	0.00095
5099	473363.09	3864377.25	0.00816	0.00868	0.00797	0.00813	7.39E-04	3.7E-05	1.5E-07	1.9E-05	0.0008	9.33E-04	4.63E-05	1.27E-07	1.1E-05	9.91E-04	0.00092	3.99E-05	1.03E-07	1.17E-05	0.000972
5100	473863.09	3864377.25	0.00836	0.00871	0.00811	0.00838	7.58E-04	3.7E-05	1.5E-07	1.9E-05	0.00081	9.56E-04	4.65E-05	1.29E-07	1.13E-05	1.01E-03	0.000943	4E-05	1.05E-07	1.2E-05	0.000995
5101	474363.09	3864377.25	0.0086	0.00859	0.00828	0.0086	7.79E-04	3.6E-05	1.6E-07	2E-05	0.00084	9.84E-04	4.59E-05	1.32E-07	1.16E-05	1.04E-03	0.00097	3.94E-05	1.07E-07	1.24E-05	0.001022
5102	474863.09	3864377.25	0.00883	0.00841	0.00845	0.00877	8.00E-04	3.6E-05	1.6E-07	2E-05	0.00086	1.01E-03	4.49E-05	1.34E-07	1.19E-05	1.07E-03	0.000996	3.86E-05	1.1E-07	1.26E-05	0.001047
5103	475363.09	3864377.25	0.00912	0.00845	0.00872	0.00888	8.26E-04	3.6E-05	1.6E-07	2.1E-05	0.00088	1.04E-03	4.51E-05	1.39E-07	1.2E-05	1.10E-03	0.001028	3.88E-05	1.13E-07	1.28E-05	0.00108
5104	475863.09	3864377.25	0.00945	0.00872	0.00903	0.00899	8.56E-04	3.7E-05	1.7E-07	2.1E-05	0.00091	1.08E-03	4.66E-05	1.44E-07	1.22E-05	1.14E-03	0.001065	4E-05	1.17E-07	1.29E-05	0.001119
5105	476363.09	3864377.25	0.00983	0.00919	0.00944	0.00915	8.91E-04	3.9E-05	1.8E-07	2.1E-05	0.00095	1.12E-03	4.91E-05	1.5E-07	1.24E-05	1.19E-03	0.001108	4.22E-05	1.23E-07	1.31E-05	0.001164
5106	476863.09	3864377.25	0.01025	0.00967	0.00991	0.0094	9.29E-04	4.1E-05	1.9E-07	2.2E-05	0.00099	1.17E-03	5.16E-05	1.58E-07	1.27E-05	1.24E-03	0.001156	4.44E-05	1.29E-07	1.35E-05	0.001214
5107	477363.09	3864377.25	0.01063	0.00998	0.01033	0.00986	9.63E-04	4.2E-05	1.9E-07	2.3E-05	0.00103	1.22E-03	5.33E-05	1.64E-07	1.33E-05	1.28E-03	0.001199	4.58E-05	1.34E-07	1.42E-05	0.001259
5108	477863.09	3864377.25	0.01104	0.01039	0.01075	0.01035	1.00E-03	4.4E-05	2E-07	2.4E-05	0.00107	1.26E-03	5.55E-05	1.71E-07	1.4E-05	1.33E-03	0.001245	4.77E-05	1.4E-07	1.49E-05	0.001307
5109	478363.09	3864377.25	0.01148	0.01098	0.0112	0.01084	1.04E-03	4.6E-05	2.1E-07	2.5E-05	0.00111	1.31E-03	5.86E-05	1.78E-07	1.47E-05	1.39E-03	0.001294	5.04E-05	1.45E-07	1.56E-05	0.001361
5110	478863.09	3864377.25	0.01193	0.01146	0.01173	0.01135	1.08E-03	4.8E-05	2.2E-07	2.6E-05	0.00116	1.36E-03	6.12E-05	1.86E-07	1.53E-05	1.44E-03	0.001345	5.26E-05	1.52E-07	1.63E-05	0.001414
5111	479363.09	3864377.25	0.01234	0.01163	0.01225	0.01192	1.12E-03	4.9E-05	2.3E-07	2.8E-05	0.0012	1.41E-03	6.21E-05	1.95E-07	1.61E-05	1.49E-03	0.001391	5.34E-05	1.59E-07	1.71E-05	0.001462
5112	479863.09	3864377.25	0.01281	0.01171	0.01284	0.01253	1.16E-03	5E-05	2.4E-07	2.9E-05	0.00124	1.47E-03	6.25E-05	2.04E-07	1.69E-05	1.54E-03	0.001444	5.38E-05	1.67E-07	1.8E-05	0.001516
5113	480363.09	3864377.25	0.01328	0.0118	0.01338	0.01318	1.20E-03	5E-05	2.5E-07	3.1E-05	0.00128	1.52E-03	6.3E-05	2.13E-07	1.78E-05	1.60E-03	0.001497	5.42E-05	1.74E-07	1.89E-05	0.001571
5114	480863.09	3864377.25	0.01358	0.01215	0.01362	0.01374	1.23E-03	5.1E-05	2.5E-07	3.2E-05	0.00131	1.55E-03	6.49E-05	2.16E-07	1.86E-05	1.64E-03	0.001531	5.58E-05	1.77E-07	1.97E-05	0.001607
5115	481363.09	3864377.25	0.01394	0.01302	0.01383	0.01417	1.26E-03	5.5E-05	2.6E-07	3.3E-05	0.00135	1.59E-03	6.95E-05	2.2E-07	1.92E-05	1.68E-03	0.001572	5.98E-05	1.8E-07	2.03E-05	0.001652
5116	481863.09	3864377.25	0.01437	0.0137	0.01419	0.01459	1.30E-03	5.8E-05	2.7E-07	3.4E-05	0.00139	1.64E-03	7.32E-05	2.26E-07	1.97E-05	1.74E-03	0.00162	6.29E-05	1.84E-07	2.1E-05	0.001704
5117	482363.09	3864377.25	0.01473	0.01395	0.01457	0.01511	1.33E-03	5.9E-05	2.7E-07	3.5E-05	0.00143	1.68E-03	7.45E-05	2.32E-07	2.04E-05	1.78E-03	0.001661	6.41E-05	1.89E-07	2.17E-05	0.001747
5118	482863.09	3864377.25	0.01498	0.01434	0.01471	0.01557	1.36E-03	6.1E-05	2.8E-07	3.6E-05	0.00145	1.71E-03	7.66E-05	2.34E-07	2.11E-05	1.81E-03	0.001689	6.59E-05	1.91E-07	2.24E-05	0.001777
5119	483363.09	3864377.25	0.01516	0.0148	0.01473	0.01582	1.37E-03	6.3E-05	2.8E-07	3.7E-05	0.00147	1.73E-03	7.9E-05	2.34E-07	2.14E-05	1.83E-03	0.001709	6.8E-05	1.91E-07	2.27E-05	0.0018
5120	483863.09	3864377.25	0.01529	0.01464	0.0148	0.01603	1.39E-03	6.2E-05	2.8E-07	3.7E-05	0.00148	1.75E-03	7.82E-05	2.35E-07	2.17E-05	1.85E-03	0.001724	6.72E-05	1.92E-07	2.3E-05	0.001814

5121	484363.09	3864377.25	0.01536	0.01362	0.01497	0.0161	1.39E-03	5.8E-05	2.8E-07	3.7E-05	0.00149	1.76E-03	7.27E-05	2.38E-07	2.18E-05	1.85E-03	0.001732	6.25E-05	1.94E-07	2.31E-05	0.001818
5122	484863.09	3864377.25	0.01528	0.01329	0.01488	0.01595	1.38E-03	5.6E-05	2.8E-07	3.7E-05	0.00148	1.75E-03	7.1E-05	2.36E-07	2.16E-05	1.84E-03	0.001723	6.1E-05	1.93E-07	2.29E-05	0.001807
5123	485363.09	3864377.25	0.01517	0.01405	0.01449	0.01563	1.37E-03	5.9E-05	2.7E-07	3.6E-05	0.00147	1.74E-03	7.5E-05	2.3E-07	2.11E-05	1.83E-03	0.00171	6.45E-05	1.88E-07	2.24E-05	0.001798
5124	485863.09	3864377.25	0.01505	0.01389	0.0142	0.01541	1.36E-03	5.9E-05	2.7E-07	3.6E-05	0.00146	1.72E-03	7.42E-05	2.26E-07	2.08E-05	1.82E-03	0.001697	6.38E-05	1.84E-07	2.21E-05	0.001783
5125	486363.09	3864377.25	0.0149	0.0139	0.01394	0.01507	1.35E-03	5.9E-05	2.6E-07	3.5E-05	0.00144	1.70E-03	7.42E-05	2.22E-07	2.04E-05	1.80E-03	0.00168	6.38E-05	1.81E-07	2.16E-05	0.001766
5126	486863.09	3864377.25	0.01481	0.01414	0.01378	0.01467	1.34E-03	6E-05	2.6E-07	3.4E-05	0.00144	1.69E-03	7.55E-05	2.19E-07	1.98E-05	1.79E-03	0.00167	6.49E-05	1.79E-07	2.11E-05	0.001756
5127	487363.09	3864377.25	0.01476	0.01341	0.01386	0.01468	1.34E-03	5.7E-05	2.6E-07	3.4E-05	0.00143	1.69E-03	7.16E-05	2.2E-07	1.98E-05	1.78E-03	0.001664	6.16E-05	1.8E-07	2.11E-05	0.001747
5128	487863.09	3864377.25	0.01467	0.01257	0.01402	0.01469	1.33E-03	5.3E-05	2.6E-07	3.4E-05	0.00142	1.68E-03	6.71E-05	2.23E-07	1.99E-05	1.77E-03	0.001654	5.77E-05	1.82E-07	2.11E-05	0.001733
5129	488363.09	3864377.25	0.01461	0.01272	0.01404	0.01474	1.32E-03	5.4E-05	2.6E-07	3.4E-05	0.00141	1.67E-03	6.79E-05	2.23E-07	1.99E-05	1.76E-03	0.001647	5.84E-05	1.82E-07	2.12E-05	0.001727
5130	488863.09	3864377.25	0.01455	0.01347	0.01388	0.01501	1.32E-03	5.7E-05	2.6E-07	3.5E-05	0.00141	1.66E-03	7.19E-05	2.21E-07	2.03E-05	1.76E-03	0.001641	6.19E-05	1.8E-07	2.16E-05	0.001724
5131	489363.09	3864377.25	0.01438	0.01391	0.0135	0.01501	1.30E-03	5.9E-05	2.5E-07	3.5E-05	0.0014	1.64E-03	7.43E-05	2.15E-07	2.03E-05	1.74E-03	0.001621	6.39E-05	1.75E-07	2.16E-05	0.001707
5132	489863.09	3864377.25	0.01426	0.01376	0.01333	0.01478	1.29E-03	5.8E-05	2.5E-07	3.4E-05	0.00138	1.63E-03	7.35E-05	2.12E-07	2E-05	1.72E-03	0.001608	6.32E-05	1.73E-07	2.12E-05	0.001692
5133	490363.09	3864377.25	0.01424	0.01343	0.01345	0.01483	1.29E-03	5.7E-05	2.5E-07	3.4E-05	0.00138	1.63E-03	7.17E-05	2.14E-07	2.01E-05	1.72E-03	0.001606	6.17E-05	1.75E-07	2.13E-05	0.001689
5134	490863.09	3864377.25	0.01439	0.01359	0.01372	0.01523	1.30E-03	5.7E-05	2.6E-07	3.5E-05	0.0014	1.65E-03	7.26E-05	2.18E-07	2.06E-05	1.74E-03	0.001622	6.24E-05	1.78E-07	2.19E-05	0.001707
5135	491363.09	3864377.25	0.01509	0.01481	0.01433	0.01581	1.37E-03	6.3E-05	2.7E-07	3.7E-05	0.00147	1.73E-03	7.91E-05	2.28E-07	2.14E-05	1.83E-03	0.001701	6.8E-05	1.86E-07	2.27E-05	0.001792
5136	491863.09	3864377.25	0.01087	0.01134	0.01131	0.00709	9.85E-04	4.8E-05	2.1E-07	1.6E-05	0.00105	1.24E-03	6.06E-05	1.8E-07	9.59E-06	1.31E-03	0.001226	5.21E-05	1.47E-07	1.02E-05	0.001288
5137	492363.09	3864377.25	0.01493	0.01482	0.01485	0.01367	1.35E-03	6.3E-05	2.8E-07	3.2E-05	0.00145	1.71E-03	7.91E-05	2.36E-07	1.85E-05	1.81E-03	0.001683	6.81E-05	1.93E-07	1.96E-05	0.001771
5138	492863.09	3864377.25	0.01271	0.01296	0.01329	0.00966	1.15E-03	5.5E-05	2.5E-07	2.2E-05	0.00123	1.45E-03	6.92E-05	2.11E-07	1.31E-05	1.54E-03	0.001433	5.95E-05	1.73E-07	1.39E-05	0.001507
5139	493363.09	3864377.25	0.01436	0.01474	0.01396	0.01279	1.30E-03	6.2E-05	2.6E-07	3E-05	0.00139	1.64E-03	7.87E-05	2.22E-07	1.73E-05	1.74E-03	0.001619	6.77E-05	1.81E-07	1.84E-05	0.001705
5140	493863.09	3864377.25	0.01519	0.01537	0.01463	0.0144	1.38E-03	6.5E-05	2.7E-07	3.3E-05	0.00148	1.74E-03	8.21E-05	2.33E-07	1.95E-05	1.84E-03	0.001713	7.06E-05	1.9E-07	2.07E-05	0.001804
5141	494363.09	3864377.25	0.01577	0.01616	0.01508	0.01701	1.43E-03	6.8E-05	2.8E-07	3.9E-05	0.00154	1.80E-03	8.63E-05	2.4E-07	2.3E-05	1.91E-03	0.001778	7.42E-05	1.96E-07	2.44E-05	0.001877
5142	494863.09	3864377.25	0.0157	0.01623	0.01512	0.01763	1.42E-03	6.9E-05	2.8E-07	4.1E-05	0.00153	1.80E-03	8.67E-05	2.4E-07	2.38E-05	1.91E-03	0.00177	7.45E-05	1.96E-07	2.53E-05	0.00187
5143	495363.09	3864377.25	0.01517	0.01572	0.01466	0.01693	1.37E-03	6.7E-05	2.7E-07	3.9E-05	0.00148	1.74E-03	8.39E-05	2.33E-07	2.29E-05	1.84E-03	0.00171	7.22E-05	1.9E-07	2.43E-05	0.001807
5144	495863.09	3864377.25	0.01453	0.015	0.01397	0.0158	1.32E-03	6.3E-05	2.6E-07	3.7E-05	0.00142	1.66E-03	8.01E-05	2.22E-07	2.14E-05	1.76E-03	0.001638	6.89E-05	1.81E-07	2.27E-05	0.00173
5145	496363.09	3864377.25	0.01402	0.01441	0.01337	0.01526	1.27E-03	6.1E-05	2.5E-07	3.5E-05	0.00137	1.60E-03	7.69E-05	2.12E-07	2.06E-05	1.70E-03	0.001581	6.62E-05	1.74E-07	2.19E-05	0.001669
5146	496863.09	3864377.25	0.01369	0.01411	0.01303	0.01504	1.24E-03	6E-05	2.4E-07	3.5E-05	0.00134	1.57E-03	7.53E-05	2.07E-07	2.03E-05	1.66E-03	0.001544	6.48E-05	1.69E-07	2.16E-05	0.00163
5147	497363.09	3864377.25	0.01342	0.01391	0.0128	0.01502	1.22E-03	5.9E-05	2.4E-07	3.5E-05	0.00131	1.53E-03	7.43E-05	2.03E-07	2.03E-05	1.63E-03	0.001513	6.39E-05	1.66E-07	2.16E-05	0.001599
5148	497863.09	3864377.25	0.01345	0.01401	0.0128	0.0151	1.22E-03	5.9E-05	2.4E-07	3.5E-05	0.00131	1.54E-03	7.48E-05	2.03E-07	2.04E-05	1.63E-03	0.001516	6.43E-05	1.66E-07	2.17E-05	0.001603
5149	498363.09	3864377.25	0.01326	0.01385	0.01252	0.01505	1.20E-03	5.9E-05	2.3E-07	3.5E-05	0.0013	1.52E-03	7.4E-05	1.99E-07	2.03E-05	1.61E-03	0.001495	6.36E-05	1.63E-07	2.16E-05	0.00158
5150	471363.09	3864877.25	0.00701	0.00723	0.00694	0.00688	6.35E-04	3.1E-05	1.3E-07	1.6E-05	0.00068	8.02E-04	3.86E-05	1.1E-07	9.3E-06	8.50E-04	0.00079	3.32E-05	9.01E-08	9.88E-06	0.000834
5151	471863.09	3864877.25	0.00718	0.0076	0.00707	0.00708	6.51E-04	3.2E-05	1.3E-07	1.6E-05	0.0007	8.21E-04	4.06E-05	1.12E-07	9.57E-06	8.72E-04	0.00081	3.49E-05	9.18E-08	1.02E-05	0.000855
5152	472363.09	3864877.25	0.00735	0.00786	0.00718	0.0073	6.66E-04	3.3E-05	1.3E-07	1.7E-05	0.00072	8.41E-04	4.2E-05	1.14E-07	9.87E-06	8.93E-04	0.000829	3.61E-05	9.32E-08	1.05E-05	0.000875
5153	472863.09	3864877.25	0.00752	0.00793	0.00731	0.00751	6.81E-04	3.4E-05	1.4E-07	1.7E-05	0.00073	8.60E-04	4.23E-05	1.16E-07	1.02E-05	9.13E-04	0.000848	3.64E-05	9.49E-08	1.08E-05	0.000895
5154	473363.09	3864877.25	0.00769	0.00778	0.00742	0.00769	6.97E-04	3.3E-05	1.4E-07	1.8E-05	0.00075	8.80E-04	4.15E-05	1.18E-07	1.04E-05	9.32E-04	0.000867	3.57E-05	9.63E-08	1.1E-05	0.000914
5155	473863.09	3864877.25	0.00788	0.00756	0.00757	0.00785	7.14E-04	3.2E-05	1.4E-07	1.8E-05	0.00076	9.01E-04	4.04E-05	1.2E-07	1.06E-05	9.52E-04	0.000888	3.47E-05	9.83E-08	1.13E-05	0.000935
5156	474363.09	3864877.25	0.00809	0.00744	0.00775	0.00795	7.33E-04	3.1E-05	1.5E-07	1.8E-05	0.00078	9.25E-04	3.97E-05	1.23E-07	1.07E-05	9.76E-04	0.000912	3.42E-05	1.01E-07	1.14E-05	0.000958
5157	474863.09	3864877.25	0.00833	0.00753	0.00798	0.00803	7.55E-04	3.2E-05	1.5E-07	1.9E-05	0.00081	9.53E-04	4.02E-05	1.27E-07	1.09E-05	1.00E-03	0.000939	3.46E-05	1.04E-07	1.15E-05	0.000985
5158	475363.09	3864877.25	0.00861	0.00788	0.00826	0.00811	7.80E-04	3.3E-05	1.5E-07	1.9E-05	0.00083	9.85E-04	4.21E-05	1.31E-07	1.1E-05	1.04E-03	0.000971	3.62E-05	1.07E-07	1.16E-05	0.001019
5159	475863.09	3864877.25	0.00892	0.00837	0.00858	0.00827	8.08E-04	3.5E-05	1.6E-07	1.9E-05	0.00086	1.02E-03	4.47E-05	1.36E-07	1.12E-05	1.08E-03	0.001006	3.84E-05	1.11E-07	1.19E-05	0.001056
5160	476363.09	3864877.25	0.00927	0.00883	0.00897	0.00855	8.40E-04	3.7E-05	1.7E-07	2E-05	0.0009	1.06E-03	4.71E-05	1.43E-07	1.16E-05	1.12E-03	0.001045	4.06E-05	1.16E-07	1.23E-05	0.001098
5161	476863.09	3864877.25	0.00967	0.00915	0.0094	0.00895	8.76E-04	3.9E-05	1.8E-07	2.1E-05	0.00094	1.11E-03	4.89E-05	1.49E-07	1.21E-05	1.17E-03	0.00109	4.2E-05	1.22E-07	1.29E-05	0.001145
5162	477363.09	3864877.25	0.00999	0.00939	0.00974	0.00941	9.05E-04	4E-05	1.8E-07	2.2E-05	0.00097	1.14E-03	5.01E-05	1.55E-07	1.27E-05	1.21E-03	0.001126	4.31E-05	1.26E-07	1.35E-05	0.001183
5163	477863.09	3864877.25	0.01035	0.00982	0.01009	0.00983	9.38E-04	4.2E-05	1.9E-07	2.3E-05	0.001	1.18E-03	5.24E-05	1.6E-07	1.33E-05	1.25E-03	0.001167	4.51E-05	1.31E-07	1.41E-05	0.001226
5164	478363.09	3864877.25	0.01072	0.01022	0.01052	0.01022	9.71E-04	4.3E-05	2E-07	2.4E-05	0.00104	1.23E-03	5.46E-05	1.67E-07	1.38E-05	1.29E-03	0.001209	4.69E-05	1.37E-07	1.47E-05	0.00127
5165	478863.09	3864877.25	0.0111	0.01045	0.011	0.01067	1.01E-03	4.4E-05	2.1E-07	2.5E-05	0.00108	1.27E-03	5.58E-05	1.75E-07	1.44E-05	1.34E-03	0.001252	4.8E-05	1.43E-07	1.53E-05	0.001315
5166	479363.09	3864877.25	0.0115	0.01062	0.0115	0.01118	1.04E-03	4.5E-05	2.2E-07	2.6E-05	0.00111	1.32E-03	5.67E-05	1.83E-07	1.51E-05	1.39E-03	0.001297	4.88E-05	1.49E-07	1.61E-05	0.001362
5167	479863.09	3864877.25	0.01189	0.01077	0.01196	0.01172	1.08E-03	4.6E-05	2.2E-07	2.7E-05	0.00115	1.36E-03	5.75E-05	1.9E-07	1.58E-05	1.43E-03	0.001341	4.95E-05	1.55E-07	1.68E-05	0.001407
5168	480363.09	3864877.25	0.01227	0.01102	0.01235	0.01229	1.11E-03	4.7E-05	2.3E-07	2.8E-05	0.00119	1.40E-03	5.88E-05	1.96E-07	1.66E-05	1.48E-03	0.001383	5.06E-05	1.6E-07	1.76E-05	0.001452
5169	480863.09	3864877.25	0.01253	0.01142	0.01248	0.01274	1.14E-03	4.8E-05	2.3E-07	3E-05	0.00121	1.43E-03	6.1E-05	1.98E-07	1.72E-05	1.51E-03	0.001413	5.24E-05	1.62E-07	1.83E-05	0.001484
5170	481363.09	3864877.25	0.01284	0.01201	0.01267	0.01307	1.16E-03	5.1E-05	2.4E-07	3E-05	0.00124	1.47E-03	6.41E-05	2.01E-07	1.77E-05	1.55E-03	0.001448	5.52E-05	1.64E-07	1.88E-05	0.001522
5171	481863.09	3864877.25	0.01314	0.01247	0.01296	0.01338	1.19E-03	5.3E-05	2.4E-07	3.1E-05	0.00127	1.50E-03	6.66E-05	2.06E-07	1.81E-05	1.59E-03	0.001482	5.73E-05	1.68E-07	1.92E-05	0.001558
5172	482363.09	3864877.25	0.01343	0.01285	0.01323	0.01377	1.22E-03	5.4E-05	2.5E-07	3.2E-05	0.0013	1.54E-03	6.86E-05	2.1E-07	1.86E-05	1.62E-03	0.001514	5.9E-05	1.72E-07	1.98E-05	0.001593
5173	482863.09	3864877.25	0.01364	0.01316	0.01332	0.01413	1.24E-03	5.6E-05	2.5E-07	3.3E-05	0.00132	1.56E-03	7.03E-05	2.12E-07	1.91E-05	1.65E-03	0.001538	6.04E-05	1.73E-07	2.03E-05	0.001619
5174	483363.09	3864877.25	0.01379	0.01338	0.01335	0.01434	1.25E-03	5.7E-05	2.5E-07	3.3E-05	0.00134	1.58E-03	7.14E-05	2.12E-07	1.94E-05	1.67E-03	0.001555	6.14E-05	1.73E-07	2.06E-05	0.001637
5175	483863.09	3864877.25	0.01384	0.01286	0.01342	0.01443	1.25E-03	5.4E-05	2.5E-07	3.3E-05	0.00134	1.58E-03	6.87E-05	2.13E-07	1.95E-05	1.67E-03	0.00156	5.91E-05	1.74E-07	2.07E-05	0.00164
5176	484363.09	3864877.25	0.0139	0.0121	0.0136	0.01441	1.26E-03	5.1E-05	2.5E-07	3.3E-05	0.00134	1.59E-03	6.46E-05	2.16E-07	1.95E-05	1.67E-03	0.001567	5.56E-05	1.77E-07	2.07E-05	0.001644
5177	484863.09	3864877.25	0.01386	0.01226	0.01351	0.01427	1.26E-03	5.2E-05	2.5E-07	3.3E-05	0.00134	1.59E-03	6.55E-05	2.15E-07	1.93E-05	1.67E-03	0.001563	5.63E-05	1.75E-07	2.05E-05	0.00164
5178	485363.09	3864877.25	0.01379	0.01274	0.01321	0.01411	1.25E-03	5.4E-05	2.5E-07	3.3E-05	0.00134	1.58E-03	6.8E-05	2.1E-07	1.91E-05	1.66E-03	0.001555	5.85E-05	1.71E-07	2.03E-05	0.001634
5179	485863.09	3864877.25	0.01362	0.01237	0.01292	0.0139	1.23E-03	5.2E-05	2.4E-07	3.2E-05	0.00132	1.56E-03	6.6E-05	2.05E-07	1.88E-05	1.64E-03	0.001536	5.68E-05	1.68E-07	2E-05	0.001613
5180	486363.09	3864877.25	0.01347	0.01248	0.01265	0.01347	1.22E-03	5.3E-05	2.4E-07	3.1E-05	0.0013	1.54E-03	6.66E-05	2.01E-07	1.82E-05	1.63E-03	0.001519	5.73E-05	1.64E-07	1.93E-05	0.001596
5181	486863.09	3864877.25	0.01341	0.01273	0.01249	0.01312	1.22E-03	5.4E-05	2.3E-07	3E-05	0.0013	1.53E-03	6.8E-05	1.99E-07	1.77E-05	1.62E-03	0.001512	5.85E-05	1.62E-07	1.88E-05	0.001589

5182	487363.09	3864877.25	0.01333	0.01217	0.01254	0.0131	1.21E-03	5.1E-05	2.3E-07	3E-05	0.00129	1.52E-03	6.5E-05	1.99E-07	1.77E-05	1.61E-03	0.001503	5.59E-05	1.63E-07	1.88E-05	0.001578
5183	487863.09	3864877.25	0.01328	0.01142	0.01272	0.01313	1.20E-03	4.8E-05	2.4E-07	3E-05	0.00128	1.52E-03	6.1E-05	2.02E-07	1.78E-05	1.60E-03	0.001497	5.24E-05	1.65E-07	1.89E-05	0.001569
5184	488363.09	3864877.25	0.01329	0.01149	0.01283	0.01324	1.20E-03	4.9E-05	2.4E-07	3.1E-05	0.00128	1.52E-03	6.14E-05	2.04E-07	1.79E-05	1.60E-03	0.001498	5.28E-05	1.67E-07	1.9E-05	0.00157
5185	488863.09	3864877.25	0.01324	0.01204	0.01275	0.01351	1.20E-03	5.1E-05	2.4E-07	3.1E-05	0.00128	1.51E-03	6.43E-05	2.03E-07	1.83E-05	1.60E-03	0.001493	5.53E-05	1.66E-07	1.94E-05	0.001568
5186	489363.09	3864877.25	0.01312	0.01252	0.01244	0.01359	1.19E-03	5.3E-05	2.3E-07	3.1E-05	0.00127	1.50E-03	6.69E-05	1.98E-07	1.84E-05	1.59E-03	0.001479	5.75E-05	1.61E-07	1.95E-05	0.001556
5187	489863.09	3864877.25	0.01297	0.01249	0.01216	0.01336	1.18E-03	5.3E-05	2.3E-07	3.1E-05	0.00126	1.48E-03	6.67E-05	1.93E-07	1.81E-05	1.57E-03	0.001462	5.74E-05	1.58E-07	1.92E-05	0.001539
5188	490363.09	3864877.25	0.01294	0.01232	0.01219	0.01322	1.17E-03	5.2E-05	2.3E-07	3.1E-05	0.00126	1.48E-03	6.58E-05	1.94E-07	1.79E-05	1.56E-03	0.001459	5.66E-05	1.58E-07	1.9E-05	0.001535
5189	490863.09	3864877.25	0.0136	0.01292	0.01314	0.01338	1.23E-03	5.5E-05	2.5E-07	3.1E-05	0.00132	1.56E-03	6.9E-05	2.09E-07	1.81E-05	1.64E-03	0.001533	5.93E-05	1.71E-07	1.92E-05	0.001612
5190	491363.09	3864877.25	0.01362	0.01308	0.01306	0.01406	1.23E-03	5.5E-05	2.4E-07	3.3E-05	0.00132	1.56E-03	6.98E-05	2.08E-07	1.9E-05	1.65E-03	0.001536	6.01E-05	1.7E-07	2.02E-05	0.001616
5191	491863.09	3864877.25	0.01387	0.01382	0.01329	0.01361	1.26E-03	5.8E-05	2.5E-07	3.2E-05	0.00135	1.59E-03	7.38E-05	2.11E-07	1.84E-05	1.68E-03	0.001564	6.35E-05	1.73E-07	1.95E-05	0.001647
5192	492363.09	3864877.25	0.00677	0.00665	0.00714	0.00418	6.14E-04	2.8E-05	1.3E-07	9.7E-06	0.00065	7.74E-04	3.55E-05	1.13E-07	5.65E-06	8.16E-04	0.000763	3.05E-05	9.27E-08	6E-06	0.0008
5193	492863.09	3864877.25	0.00926	0.00918	0.00988	0.00608	8.39E-04	3.9E-05	1.8E-07	1.4E-05	0.00089	1.06E-03	4.9E-05	1.57E-07	8.22E-06	1.12E-03	0.001044	4.22E-05	1.28E-07	8.73E-06	0.001095
5194	493363.09	3864877.25	0.00881	0.00878	0.00938	0.00603	7.98E-04	3.7E-05	1.8E-07	1.4E-05	0.00085	1.01E-03	4.69E-05	1.49E-07	8.15E-06	1.06E-03	0.000993	4.03E-05	1.22E-07	8.66E-06	0.001042
5195	493863.09	3864877.25	0.01314	0.01336	0.01271	0.0119	1.19E-03	5.7E-05	2.4E-07	2.8E-05	0.00128	1.50E-03	7.13E-05	2.02E-07	1.61E-05	1.59E-03	0.001482	6.14E-05	1.65E-07	1.71E-05	0.00156
5196	494363.09	3864877.25	0.0138	0.01398	0.01327	0.01331	1.25E-03	5.9E-05	2.5E-07	3.1E-05	0.00134	1.58E-03	7.46E-05	2.11E-07	1.8E-05	1.67E-03	0.001556	6.42E-05	1.72E-07	1.91E-05	0.001639
5197	494863.09	3864877.25	0.01424	0.01457	0.01365	0.01533	1.29E-03	6.2E-05	2.6E-07	3.6E-05	0.00139	1.63E-03	7.78E-05	2.17E-07	2.07E-05	1.73E-03	0.001606	6.69E-05	1.77E-07	2.2E-05	0.001695
5198	495363.09	3864877.25	0.01423	0.0147	0.01374	0.01587	1.29E-03	6.2E-05	2.6E-07	3.7E-05	0.00139	1.63E-03	7.85E-05	2.18E-07	2.15E-05	1.73E-03	0.001604	6.75E-05	1.78E-07	2.28E-05	0.001695
5199	495863.09	3864877.25	0.01373	0.01423	0.01332	0.01529	1.24E-03	6E-05	2.5E-07	3.5E-05	0.00134	1.57E-03	7.6E-05	2.12E-07	2.07E-05	1.67E-03	0.001548	6.53E-05	1.73E-07	2.2E-05	0.001636
5200	496363.09	3864877.25	0.01326	0.01369	0.01281	0.01437	1.20E-03	5.8E-05	2.4E-07	3.3E-05	0.00129	1.52E-03	7.31E-05	2.04E-07	1.94E-05	1.61E-03	0.001495	6.29E-05	1.66E-07	2.06E-05	0.001579
5201	496863.09	3864877.25	0.01279	0.01315	0.01227	0.01361	1.16E-03	5.6E-05	2.3E-07	3.2E-05	0.00125	1.46E-03	7.02E-05	1.95E-07	1.84E-05	1.55E-03	0.001442	6.04E-05	1.59E-07	1.95E-05	0.001522
5202	497363.09	3864877.25	0.01245	0.01281	0.0119	0.01354	1.13E-03	5.4E-05	2.2E-07	3.1E-05	0.00121	1.42E-03	6.84E-05	1.89E-07	1.83E-05	1.51E-03	0.001404	5.88E-05	1.54E-07	1.94E-05	0.001482
5203	497863.09	3864877.25	0.01229	0.01272	0.01176	0.01353	1.11E-03	5.4E-05	2.2E-07	3.1E-05	0.0012	1.41E-03	6.79E-05	1.87E-07	1.83E-05	1.49E-03	0.001386	5.84E-05	1.53E-07	1.94E-05	0.001464
5204	498363.09	3864877.25	0.01212	0.01261	0.01161	0.01355	1.10E-03	5.3E-05	2.2E-07	3.1E-05	0.00118	1.39E-03	6.73E-05	1.85E-07	1.83E-05	1.47E-03	0.001367	5.79E-05	1.51E-07	1.95E-05	0.001444
5205	471363.09	3865377.25	0.00664	0.00711	0.00649	0.00661	6.02E-04	3E-05	1.2E-07	1.5E-05	0.00065	7.59E-04	3.8E-05	1.03E-07	8.94E-06	8.06E-04	0.000749	3.27E-05	8.42E-08	9.49E-06	0.000791
5206	471863.09	3865377.25	0.00679	0.00722	0.00659	0.00679	6.15E-04	3.1E-05	1.2E-07	1.6E-05	0.00066	7.77E-04	3.86E-05	1.05E-07	9.18E-06	8.24E-04	0.000766	3.32E-05	8.55E-08	9.75E-06	0.000809
5207	472363.09	3865377.25	0.00695	0.00715	0.00671	0.00694	6.30E-04	3E-05	1.3E-07	1.6E-05	0.00068	7.95E-04	3.82E-05	1.07E-07	9.38E-06	8.43E-04	0.000784	3.28E-05	8.71E-08	9.97E-06	0.000826
5208	472863.09	3865377.25	0.00712	0.00696	0.00687	0.00706	6.45E-04	2.9E-05	1.3E-07	1.6E-05	0.00069	8.14E-04	3.72E-05	1.09E-07	9.55E-06	8.61E-04	0.000803	3.2E-05	8.92E-08	1.01E-05	0.000845
5209	473363.09	3865377.25	0.00726	0.00673	0.00699	0.00716	6.58E-04	2.8E-05	1.3E-07	1.7E-05	0.0007	8.30E-04	3.59E-05	1.11E-07	9.68E-06	8.76E-04	0.000819	3.09E-05	9.07E-08	1.03E-05	0.00086
5210	473863.09	3865377.25	0.00744	0.00666	0.00715	0.00723	6.74E-04	2.8E-05	1.3E-07	1.7E-05	0.00072	8.51E-04	3.56E-05	1.14E-07	9.78E-06	8.96E-04	0.000839	3.06E-05	9.28E-08	1.04E-05	0.00088
5211	474363.09	3865377.25	0.00765	0.00682	0.00735	0.00728	6.93E-04	2.9E-05	1.4E-07	1.7E-05	0.00074	8.75E-04	3.64E-05	1.17E-07	9.84E-06	9.21E-04	0.000863	3.13E-05	9.54E-08	1.05E-05	0.000904
5212	474863.09	3865377.25	0.0079	0.00722	0.0076	0.00737	7.16E-04	3.1E-05	1.4E-07	1.7E-05	0.00076	9.04E-04	3.86E-05	1.21E-07	9.97E-06	9.52E-04	0.000891	3.32E-05	9.87E-08	1.06E-05	0.000935
5213	475363.09	3865377.25	0.00815	0.0077	0.00786	0.00753	7.39E-04	3.3E-05	1.5E-07	1.7E-05	0.00079	9.32E-04	4.11E-05	1.25E-07	1.02E-05	9.84E-04	0.000919	3.54E-05	1.02E-07	1.08E-05	0.000965
5214	475863.09	3865377.25	0.00846	0.00812	0.00819	0.0078	7.67E-04	3.4E-05	1.5E-07	1.8E-05	0.00082	9.68E-04	4.34E-05	1.3E-07	1.05E-05	1.02E-03	0.000954	3.73E-05	1.06E-07	1.12E-05	0.001002
5215	476363.09	3865377.25	0.00889	0.0085	0.00867	0.00814	8.06E-04	3.6E-05	1.6E-07	1.9E-05	0.00086	1.02E-03	4.54E-05	1.38E-07	1.1E-05	1.07E-03	0.001002	3.9E-05	1.13E-07	1.17E-05	0.001053
5216	476863.09	3865377.25	0.00921	0.00877	0.00907	0.00822	8.35E-04	3.7E-05	1.7E-07	1.9E-05	0.00089	1.05E-03	4.68E-05	1.44E-07	1.11E-05	1.11E-03	0.001038	4.03E-05	1.18E-07	1.18E-05	0.001091
5217	477363.09	3865377.25	0.00952	0.00898	0.0093	0.00895	8.63E-04	3.8E-05	1.7E-07	2.1E-05	0.00092	1.09E-03	4.79E-05	1.48E-07	1.21E-05	1.15E-03	0.001073	4.12E-05	1.21E-07	1.29E-05	0.001128
5218	477863.09	3865377.25	0.00975	0.00921	0.00955	0.00927	8.84E-04	3.9E-05	1.8E-07	2.1E-05	0.00094	1.12E-03	4.92E-05	1.52E-07	1.25E-05	1.18E-03	0.001099	4.23E-05	1.24E-07	1.33E-05	0.001155
5219	478363.09	3865377.25	0.01011	0.00946	0.00998	0.00963	9.16E-04	4E-05	1.9E-07	2.2E-05	0.00098	1.16E-03	5.05E-05	1.59E-07	1.3E-05	1.22E-03	0.00114	4.34E-05	1.3E-07	1.38E-05	0.001197
5220	478863.09	3865377.25	0.01043	0.00965	0.01039	0.01004	9.45E-04	4.1E-05	1.9E-07	2.3E-05	0.00101	1.19E-03	5.15E-05	1.65E-07	1.36E-05	1.26E-03	0.001176	4.43E-05	1.35E-07	1.44E-05	0.001235
5221	479363.09	3865377.25	0.01076	0.0099	0.0108	0.0105	9.75E-04	4.2E-05	2E-07	2.4E-05	0.00104	1.23E-03	5.29E-05	1.72E-07	1.42E-05	1.30E-03	0.001213	4.55E-05	1.4E-07	1.51E-05	0.001274
5222	479863.09	3865377.25	0.01111	0.01013	0.01118	0.01102	1.01E-03	4.3E-05	2.1E-07	2.6E-05	0.00108	1.27E-03	5.41E-05	1.78E-07	1.49E-05	1.34E-03	0.001253	4.65E-05	1.45E-07	1.58E-05	0.001315
5223	480363.09	3865377.25	0.01133	0.01027	0.01135	0.01148	1.03E-03	4.3E-05	2.1E-07	2.7E-05	0.0011	1.30E-03	5.48E-05	1.8E-07	1.55E-05	1.37E-03	0.001277	4.72E-05	1.47E-07	1.65E-05	0.001341
5224	480863.09	3865377.25	0.01156	0.01055	0.01145	0.01181	1.05E-03	4.5E-05	2.1E-07	2.7E-05	0.00112	1.32E-03	5.63E-05	1.82E-07	1.6E-05	1.39E-03	0.001303	4.84E-05	1.49E-07	1.7E-05	0.001369
5225	481363.09	3865377.25	0.01183	0.01104	0.01166	0.01204	1.07E-03	4.7E-05	2.2E-07	2.8E-05	0.00115	1.35E-03	5.89E-05	1.85E-07	1.63E-05	1.43E-03	0.001334	5.07E-05	1.51E-07	1.73E-05	0.001402
5226	481863.09	3865377.25	0.01209	0.01159	0.01189	0.01227	1.10E-03	4.9E-05	2.2E-07	2.8E-05	0.00117	1.38E-03	6.19E-05	1.89E-07	1.66E-05	1.46E-03	0.001363	5.32E-05	1.54E-07	1.76E-05	0.001434
5227	482363.09	3865377.25	0.01231	0.01189	0.01207	0.01259	1.12E-03	5E-05	2.3E-07	2.9E-05	0.0012	1.41E-03	6.35E-05	1.92E-07	1.7E-05	1.49E-03	0.001388	5.46E-05	1.57E-07	1.81E-05	0.001461
5228	482863.09	3865377.25	0.01246	0.01204	0.0121	0.01289	1.13E-03	5.1E-05	2.3E-07	3E-05	0.00121	1.43E-03	6.43E-05	1.92E-07	1.74E-05	1.51E-03	0.001405	5.53E-05	1.57E-07	1.85E-05	0.001479
5229	483363.09	3865377.25	0.01256	0.012	0.01214	0.01302	1.14E-03	5.1E-05	2.3E-07	3E-05	0.00122	1.44E-03	6.41E-05	1.93E-07	1.76E-05	1.52E-03	0.001416	5.51E-05	1.58E-07	1.87E-05	0.00149
5230	483863.09	3865377.25	0.01263	0.01138	0.01228	0.01303	1.14E-03	4.8E-05	2.3E-07	3E-05	0.00122	1.44E-03	6.08E-05	1.95E-07	1.76E-05	1.52E-03	0.001424	5.23E-05	1.59E-07	1.87E-05	0.001495
5231	484363.09	3865377.25	0.01269	0.01102	0.01244	0.01298	1.15E-03	4.7E-05	2.3E-07	3E-05	0.00123	1.45E-03	5.88E-05	1.98E-07	1.76E-05	1.53E-03	0.001431	5.06E-05	1.61E-07	1.86E-05	0.0015
5232	484863.09	3865377.25	0.01267	0.01139	0.01236	0.0129	1.15E-03	4.8E-05	2.3E-07	3E-05	0.00123	1.45E-03	6.08E-05	1.96E-07	1.74E-05	1.53E-03	0.001429	5.23E-05	1.6E-07	1.85E-05	0.0015
5233	485363.09	3865377.25	0.01257	0.01152	0.01208	0.01283	1.14E-03	4.9E-05	2.3E-07	3E-05	0.00122	1.44E-03	6.15E-05	1.92E-07	1.73E-05	1.52E-03	0.001417	5.29E-05	1.57E-07	1.84E-05	0.001489
5234	485863.09	3865377.25	0.0124	0.01112	0.01182	0.01259	1.12E-03	4.7E-05	2.2E-07	2.9E-05	0.0012	1.42E-03	5.94E-05	1.88E-07	1.7E-05	1.49E-03	0.001398	5.11E-05	1.53E-07	1.81E-05	0.001467
5235	486363.09	3865377.25	0.0123	0.01131	0.01158	0.01215	1.11E-03	4.8E-05	2.2E-07	2.8E-05	0.00119	1.41E-03	6.04E-05	1.84E-07	1.64E-05	1.48E-03	0.001387	5.19E-05	1.5E-07	1.74E-05	0.001456
5236	486863.09	3865377.25	0.01222	0.01154	0.0114	0.01184	1.11E-03	4.9E-05	2.1E-07	2.7E-05	0.00118	1.40E-03	6.16E-05	1.81E-07	1.6E-05	1.48E-03	0.001378	5.3E-05	1.48E-07	1.7E-05	0.001448
5237	487363.09	3865377.25	0.01215	0.01112	0.01144	0.01179	1.10E-03	4.7E-05	2.1E-07	2.7E-05	0.00118	1.39E-03	5.94E-05	1.82E-07	1.59E-05	1.47E-03	0.00137	5.11E-05	1.48E-07	1.69E-05	0.001438
5238	487863.09	3865377.25	0.01213	0.01046	0.01163	0.01182	1.10E-03	4.4E-05	2.2E-07	2.7E-05	0.00117	1.39E-03	5.59E-05	1.85E-07	1.6E-05	1.46E-03	0.001368	4.8E-05	1.51E-07	1.7E-05	0.001433
5239	488363.09	3865377.25	0.01216	0.01047	0.01179	0.01196	1.10E-03	4.4E-05	2.2E-07	2.8E-05	0.00117	1.39E-03	5.59E-05	1.87E-07	1.62E-05	1.46E-03	0.001371	4.81E-05	1.53E-07	1.72E-05	0.001436
5240	488863.09	3865377.25	0.01216	0.01089	0.01179	0.01224	1.10E-03	4.6E-05	2.2E-07	2.8E-05	0.00118	1.39E-03	5.81E-05	1.87E-07	1.65E-05	1.47E-03	0.001371	5E-05	1.53E-07	1.76E-05	0.001439
5241	489363.09	3865377.25	0.01209	0.01137	0.01158	0.01239	1.10E-03	4.8E-05	2.2E-07	2.9E-05	0.00117	1.38E-03	6.07E-05	1.84E-07	1.68E-05	1.46E-03	0.001363	5.22E-05	1.5E-07	1.78E-05	0.001433
5242	489863.09	3865377.25	0.01204	0.01153	0.01136	0.01227	1.09E-03	4.9E-05	2.1E-07	2.8E-05	0.00117	1.38E-03	6.16E-05	1.81E-07	1.66E-05	1.46E-03	0.001358	5.3E-05	1.47E-07	1.76E-05	0.001428

5243	490363.09	3865377.25	0.01235	0.0119	0.01169	0.01176	1.12E-03	5E-05	2.2E-07	2.7E-05	0.0012	1.41E-03	6.35E-05	1.86E-07	1.59E-05	1.49E-03	0.001392	5.46E-05	1.52E-07	1.69E-05	0.001464
5244	490863.09	3865377.25	0.01232	0.01179	0.01188	0.01172	1.12E-03	5E-05	2.2E-07	2.7E-05	0.00119	1.41E-03	6.3E-05	1.89E-07	1.58E-05	1.49E-03	0.001389	5.41E-05	1.54E-07	1.68E-05	0.00146
5245	491363.09	3865377.25	0.01236	0.01186	0.01212	0.01199	1.12E-03	5E-05	2.3E-07	2.8E-05	0.0012	1.41E-03	6.33E-05	1.93E-07	1.62E-05	1.49E-03	0.001394	5.45E-05	1.57E-07	1.72E-05	0.001465
5246	491863.09	3865377.25	0.01251	0.01234	0.01213	0.01229	1.13E-03	5.2E-05	2.3E-07	2.8E-05	0.00121	1.43E-03	6.59E-05	1.93E-07	1.66E-05	1.51E-03	0.00141	5.67E-05	1.57E-07	1.76E-05	0.001485
5247	492363.09	3865377.25	0.01162	0.01208	0.01145	0.00972	1.05E-03	5.1E-05	2.1E-07	2.3E-05	0.00113	1.33E-03	6.45E-05	1.82E-07	1.31E-05	1.41E-03	0.00131	5.55E-05	1.49E-07	1.4E-05	0.00138
5248	492863.09	3865377.25	0.00989	0.00993	0.01027	0.00688	8.96E-04	4.2E-05	1.9E-07	1.6E-05	0.00095	1.13E-03	5.3E-05	1.63E-07	9.3E-06	1.19E-03	0.001115	4.56E-05	1.33E-07	9.88E-06	0.001171
5249	493363.09	3865377.25	0.00822	0.00813	0.00872	0.00545	7.45E-04	3.4E-05	1.6E-07	1.3E-05	0.00079	9.40E-04	4.34E-05	1.39E-07	7.37E-06	9.91E-04	0.000927	3.73E-05	1.13E-07	7.83E-06	0.000972
5250	493863.09	3865377.25	0.01109	0.01129	0.01139	0.00911	1.00E-03	4.8E-05	2.1E-07	2.1E-05	0.00107	1.27E-03	6.03E-05	1.81E-07	1.23E-05	1.34E-03	0.00125	5.18E-05	1.48E-07	1.31E-05	0.001315
5251	494363.09	3865377.25	0.01204	0.01215	0.01163	0.01101	1.09E-03	5.1E-05	2.2E-07	2.6E-05	0.00117	1.38E-03	6.49E-05	1.85E-07	1.49E-05	1.46E-03	0.001358	5.58E-05	1.51E-07	1.58E-05	0.001429
5252	494863.09	3865377.25	0.01252	0.01262	0.01208	0.01196	1.13E-03	5.3E-05	2.3E-07	2.8E-05	0.00122	1.43E-03	6.74E-05	1.92E-07	1.62E-05	1.52E-03	0.001412	5.8E-05	1.57E-07	1.72E-05	0.001487
5253	495363.09	3865377.25	0.01295	0.01323	0.01245	0.01384	1.17E-03	5.6E-05	2.3E-07	3.2E-05	0.00126	1.48E-03	7.06E-05	1.98E-07	1.87E-05	1.57E-03	0.00146	6.08E-05	1.62E-07	1.99E-05	0.001541
5254	495863.09	3865377.25	0.01294	0.01336	0.01253	0.01441	1.17E-03	5.7E-05	2.3E-07	3.3E-05	0.00126	1.48E-03	7.13E-05	1.99E-07	1.95E-05	1.57E-03	0.001459	6.14E-05	1.63E-07	2.07E-05	0.001541
5255	496363.09	3865377.25	0.01268	0.01313	0.01232	0.01397	1.15E-03	5.6E-05	2.3E-07	3.2E-05	0.00124	1.45E-03	7.01E-05	1.96E-07	1.89E-05	1.54E-03	0.00143	6.03E-05	1.6E-07	2.01E-05	0.00151
5256	496863.09	3865377.25	0.01219	0.01262	0.01186	0.01305	1.10E-03	5.3E-05	2.2E-07	3E-05	0.00119	1.39E-03	6.74E-05	1.88E-07	1.76E-05	1.48E-03	0.001374	5.8E-05	1.54E-07	1.87E-05	0.001451
5257	497363.09	3865377.25	0.01173	0.01205	0.0113	0.01238	1.06E-03	5.1E-05	2.1E-07	2.9E-05	0.00114	1.34E-03	6.43E-05	1.8E-07	1.67E-05	1.42E-03	0.001323	5.53E-05	1.47E-07	1.78E-05	0.001396
5258	497863.09	3865377.25	0.01142	0.01172	0.01094	0.01214	1.03E-03	5E-05	2E-07	2.8E-05	0.00111	1.31E-03	6.26E-05	1.74E-07	1.64E-05	1.39E-03	0.001288	5.38E-05	1.42E-07	1.74E-05	0.001359
5259	498363.09	3865377.25	0.01129	0.01164	0.01082	0.01213	1.02E-03	4.9E-05	2E-07	2.8E-05	0.0011	1.29E-03	6.22E-05	1.72E-07	1.64E-05	1.37E-03	0.001273	5.35E-05	1.4E-07	1.74E-05	0.001344
5260	471363.09	3865877.25	0.00631	0.00656	0.00609	0.0063	5.72E-04	2.8E-05	1.1E-07	1.5E-05	0.00061	7.22E-04	3.5E-05	9.68E-08	8.52E-06	7.65E-04	0.000711	3.01E-05	7.91E-08	9.05E-06	0.000751
5261	471863.09	3865877.25	0.00644	0.00641	0.00621	0.00639	5.84E-04	2.7E-05	1.2E-07	1.5E-05	0.00063	7.37E-04	3.42E-05	9.87E-08	8.64E-06	7.80E-04	0.000726	2.94E-05	8.06E-08	9.18E-06	0.000765
5262	472363.09	3865877.25	0.00661	0.00624	0.00638	0.00647	5.99E-04	2.6E-05	1.2E-07	1.5E-05	0.00064	7.56E-04	3.33E-05	1.01E-07	8.75E-06	7.98E-04	0.000745	2.87E-05	8.28E-08	9.29E-06	0.000783
5263	472863.09	3865877.25	0.00672	0.00606	0.00648	0.00655	6.09E-04	2.6E-05	1.2E-07	1.5E-05	0.00065	7.69E-04	3.24E-05	1.03E-07	8.86E-06	8.10E-04	0.000758	2.78E-05	8.41E-08	9.41E-06	0.000795
5264	473363.09	3865877.25	0.00687	0.00606	0.00663	0.00659	6.23E-04	2.6E-05	1.2E-07	1.5E-05	0.00066	7.86E-04	3.24E-05	1.05E-07	8.91E-06	8.27E-04	0.000775	2.78E-05	8.61E-08	9.46E-06	0.000812
5265	473863.09	3865877.25	0.00706	0.00628	0.00681	0.00665	6.40E-04	2.7E-05	1.3E-07	1.5E-05	0.00068	8.08E-04	3.35E-05	1.08E-07	8.99E-06	8.50E-04	0.000796	2.88E-05	8.84E-08	9.55E-06	0.000834
5266	474363.09	3865877.25	0.00727	0.00666	0.00701	0.00675	6.59E-04	2.8E-05	1.3E-07	1.6E-05	0.0007	8.32E-04	3.56E-05	1.11E-07	9.13E-06	8.76E-04	0.00082	3.06E-05	9.1E-08	9.69E-06	0.00086
5267	474863.09	3865877.25	0.00753	0.00714	0.00727	0.00692	6.82E-04	3E-05	1.4E-07	1.6E-05	0.00073	8.61E-04	3.81E-05	1.16E-07	9.36E-06	9.09E-04	0.000849	3.28E-05	9.44E-08	9.94E-06	0.000892
5268	475363.09	3865877.25	0.00778	0.00752	0.00753	0.00717	7.05E-04	3.2E-05	1.4E-07	1.7E-05	0.00075	8.90E-04	4.02E-05	1.2E-07	9.69E-06	9.40E-04	0.000877	3.45E-05	9.77E-08	1.03E-05	0.000922
5269	475863.09	3865877.25	0.00805	0.00774	0.00785	0.0075	7.30E-04	3.3E-05	1.5E-07	1.7E-05	0.00078	9.21E-04	4.13E-05	1.25E-07	1.01E-05	9.72E-04	0.000908	3.55E-05	1.02E-07	1.08E-05	0.000954
5270	476363.09	3865877.25	0.00847	0.00803	0.00832	0.0078	7.68E-04	3.4E-05	1.6E-07	1.8E-05	0.00082	9.69E-04	4.29E-05	1.32E-07	1.05E-05	1.02E-03	0.000955	3.69E-05	1.08E-07	1.12E-05	0.001003
5271	476863.09	3865877.25	0.00875	0.00823	0.00861	0.00784	7.93E-04	3.5E-05	1.6E-07	1.8E-05	0.00085	1.00E-03	4.39E-05	1.37E-07	1.06E-05	1.06E-03	0.000987	3.78E-05	1.12E-07	1.13E-05	0.001036
5272	477363.09	3865877.25	0.00908	0.0085	0.00889	0.00844	8.23E-04	3.6E-05	1.7E-07	2E-05	0.00088	1.04E-03	4.54E-05	1.41E-07	1.14E-05	1.10E-03	0.001024	3.9E-05	1.15E-07	1.21E-05	0.001075
5273	477863.09	3865877.25	0.00927	0.00861	0.00912	0.00876	8.40E-04	3.6E-05	1.7E-07	2E-05	0.0009	1.06E-03	4.6E-05	1.45E-07	1.18E-05	1.12E-03	0.001045	3.95E-05	1.18E-07	1.26E-05	0.001097
5274	478363.09	3865877.25	0.00955	0.00882	0.00949	0.0091	8.65E-04	3.7E-05	1.8E-07	2.1E-05	0.00092	1.09E-03	4.71E-05	1.51E-07	1.23E-05	1.15E-03	0.001077	4.05E-05	1.23E-07	1.31E-05	0.00113
5275	478863.09	3865877.25	0.00983	0.00911	0.00985	0.00948	8.91E-04	3.9E-05	1.8E-07	2.2E-05	0.00095	1.12E-03	4.86E-05	1.57E-07	1.28E-05	1.19E-03	0.001108	4.18E-05	1.28E-07	1.36E-05	0.001164
5276	479363.09	3865877.25	0.01011	0.00938	0.01018	0.00992	9.16E-04	4E-05	1.9E-07	2.3E-05	0.00098	1.16E-03	5.01E-05	1.62E-07	1.34E-05	1.22E-03	0.00114	4.31E-05	1.32E-07	1.42E-05	0.001197
5277	479863.09	3865877.25	0.01034	0.00947	0.01038	0.01038	9.37E-04	4E-05	1.9E-07	2.4E-05	0.001	1.18E-03	5.06E-05	1.65E-07	1.4E-05	1.25E-03	0.001166	4.35E-05	1.35E-07	1.49E-05	0.001224
5278	480363.09	3865877.25	0.01053	0.00949	0.01049	0.01075	9.54E-04	4E-05	2E-07	2.5E-05	0.00102	1.20E-03	5.07E-05	1.67E-07	1.45E-05	1.27E-03	0.001187	4.36E-05	1.36E-07	1.54E-05	0.001246
5279	480863.09	3865877.25	0.01074	0.00975	0.0106	0.01096	9.73E-04	4.1E-05	2E-07	2.5E-05	0.00104	1.23E-03	5.21E-05	1.68E-07	1.48E-05	1.30E-03	0.001211	4.48E-05	1.38E-07	1.57E-05	0.001272
5280	481363.09	3865877.25	0.01096	0.01033	0.01077	0.01107	9.93E-04	4.4E-05	2E-07	2.6E-05	0.00106	1.25E-03	5.52E-05	1.71E-07	1.5E-05	1.32E-03	0.001236	4.74E-05	1.4E-07	1.59E-05	0.001299
5281	481863.09	3865877.25	0.01117	0.01086	0.01096	0.01127	1.01E-03	4.6E-05	2.1E-07	2.6E-05	0.00108	1.28E-03	5.8E-05	1.74E-07	1.52E-05	1.35E-03	0.001259	4.99E-05	1.42E-07	1.62E-05	0.001326
5282	482363.09	3865877.25	0.01133	0.01097	0.01107	0.01158	1.03E-03	4.6E-05	2.1E-07	2.7E-05	0.0011	1.30E-03	5.86E-05	1.76E-07	1.57E-05	1.37E-03	0.001277	5.04E-05	1.44E-07	1.66E-05	0.001345
5283	482863.09	3865877.25	0.01144	0.011	0.01107	0.01182	1.04E-03	4.7E-05	2.1E-07	2.7E-05	0.00111	1.31E-03	5.87E-05	1.76E-07	1.6E-05	1.38E-03	0.00129	5.05E-05	1.44E-07	1.7E-05	0.001357
5284	483363.09	3865877.25	0.01153	0.01074	0.01115	0.01185	1.04E-03	4.5E-05	2.1E-07	2.7E-05	0.00112	1.32E-03	5.73E-05	1.77E-07	1.6E-05	1.39E-03	0.0013	4.93E-05	1.45E-07	1.7E-05	0.001366
5285	483863.09	3865877.25	0.01162	0.01022	0.01135	0.01184	1.05E-03	4.3E-05	2.1E-07	2.7E-05	0.00112	1.33E-03	5.46E-05	1.8E-07	1.6E-05	1.40E-03	0.00131	4.69E-05	1.47E-07	1.7E-05	0.001374
5286	484363.09	3865877.25	0.01169	0.01026	0.01149	0.01179	1.06E-03	4.3E-05	2.2E-07	2.7E-05	0.00113	1.34E-03	5.48E-05	1.83E-07	1.59E-05	1.41E-03	0.001318	4.71E-05	1.49E-07	1.69E-05	0.001382
5287	484863.09	3865877.25	0.01162	0.01058	0.01135	0.01176	1.05E-03	4.5E-05	2.1E-07	2.7E-05	0.00113	1.33E-03	5.65E-05	1.8E-07	1.59E-05	1.40E-03	0.00131	4.86E-05	1.47E-07	1.69E-05	0.001376
5288	485363.09	3865877.25	0.0115	0.01041	0.01109	0.01173	1.04E-03	4.4E-05	2.1E-07	2.7E-05	0.00111	1.32E-03	5.56E-05	1.76E-07	1.59E-05	1.39E-03	0.001297	4.78E-05	1.44E-07	1.68E-05	0.001361
5289	485863.09	3865877.25	0.01136	0.01008	0.01087	0.01145	1.03E-03	4.3E-05	2E-07	2.7E-05	0.0011	1.30E-03	5.38E-05	1.73E-07	1.55E-05	1.37E-03	0.001281	4.63E-05	1.41E-07	1.64E-05	0.001344
5290	486363.09	3865877.25	0.01126	0.01029	0.01063	0.01101	1.02E-03	4.4E-05	2E-07	2.6E-05	0.00109	1.29E-03	5.49E-05	1.69E-07	1.49E-05	1.36E-03	0.00127	4.73E-05	1.38E-07	1.58E-05	0.001333
5291	486863.09	3865877.25	0.01119	0.01049	0.01046	0.01075	1.01E-03	4.4E-05	2E-07	2.5E-05	0.00108	1.28E-03	5.6E-05	1.66E-07	1.45E-05	1.35E-03	0.001262	4.82E-05	1.36E-07	1.54E-05	0.001325
5292	487363.09	3865877.25	0.01112	0.01019	0.01047	0.01067	1.01E-03	4.3E-05	2E-07	2.5E-05	0.00108	1.27E-03	5.44E-05	1.66E-07	1.44E-05	1.34E-03	0.001254	4.68E-05	1.36E-07	1.53E-05	0.001316
5293	487863.09	3865877.25	0.01116	0.00968	0.01071	0.01072	1.01E-03	4.1E-05	2E-07	2.5E-05	0.00108	1.28E-03	5.17E-05	1.7E-07	1.45E-05	1.34E-03	0.001258	4.45E-05	1.39E-07	1.54E-05	0.001318
5294	488363.09	3865877.25	0.01118	0.0096	0.01086	0.01085	1.01E-03	4.1E-05	2E-07	2.5E-05	0.00108	1.28E-03	5.13E-05	1.73E-07	1.47E-05	1.34E-03	0.001261	4.41E-05	1.41E-07	1.56E-05	0.00132
5295	488863.09	3865877.25	0.01124	0.00994	0.01095	0.01115	1.02E-03	4.2E-05	2E-07	2.6E-05	0.00109	1.29E-03	5.31E-05	1.74E-07	1.51E-05	1.35E-03	0.001267	4.56E-05	1.42E-07	1.6E-05	0.001329
5296	489363.09	3865877.25	0.01124	0.01042	0.01085	0.01136	1.02E-03	4.4E-05	2E-07	2.6E-05	0.00109	1.29E-03	5.56E-05	1.72E-07	1.54E-05	1.36E-03	0.001267	4.79E-05	1.41E-07	1.63E-05	0.001332
5297	489863.09	3865877.25	0.01117	0.01059	0.01061	0.0113	1.01E-03	4.5E-05	2E-07	2.6E-05	0.00108	1.28E-03	5.65E-05	1.69E-07	1.53E-05	1.35E-03	0.001259	4.86E-05	1.38E-07	1.62E-05	0.001324
5298	490363.09	3865877.25	0.01123	0.01072	0.01061	0.01103	1.02E-03	4.5E-05	2E-07	2.6E-05	0.00109	1.28E-03	5.72E-05	1.69E-07	1.49E-05	1.36E-03	0.001266	4.92E-05	1.38E-07	1.58E-05	0.001331
5299	490863.09	3865877.25	0.01128	0.01079	0.01077	0.01063	1.02E-03	4.6E-05	2E-07	2.5E-05	0.00109	1.29E-03	5.76E-05	1.71E-07	1.44E-05	1.36E-03	0.001272	4.96E-05	1.4E-07	1.53E-05	0.001337
5300	491363.09	3865877.25	0.01123	0.0106	0.01103	0.01051	1.02E-03	4.5E-05	2.1E-07	2.4E-05	0.00109	1.28E-03	5.66E-05	1.75E-07	1.42E-05	1.36E-03	0.001266	4.87E-05	1.43E-07	1.51E-05	0.00133
5301	491863.09	3865877.25	0.01131	0.0109	0.01119	0.01078	1.02E-03	4.6E-05	2.1E-07	2.5E-05	0.0011	1.29E-03	5.82E-05	1.78E-07	1.46E-05	1.37E-03	0.001275	5.01E-05	1.45E-07	1.55E-05	0.001341
5302	492363.09	3865877.25	0.0112	0.01136	0.01095	0.01024	1.01E-03	4.8E-05	2E-07	2.4E-05	0.00109	1.28E-03	6.07E-05	1.74E-07	1.38E-05	1.36E-03	0.001263	5.22E-05	1.42E-07	1.47E-05	0.00133
5303	492863.09	3865877.25	0.00943	0.00972	0.00954	0.00691	8.55E-04	4.1E-05	1.8E-07	1.6E-05	0.00091	1.08E-03	5.19E-05	1.52E-07	9.34E-06	1.14E-03	0.001063	4.46E-05	1.24E-07	9.92E-06	0.001118

5304	493363.09	3865877.25	0.00959	0.00957	0.00993	0.00699	8.69E-04	4E-05	1.9E-07	1.6E-05	0.00093	1.10E-03	5.11E-05	1.58E-07	9.45E-06	1.16E-03	0.001081	4.39E-05	1.29E-07	1E-05	0.001135
5305	493863.09	3865877.25	0.01069	0.01071	0.01099	0.00891	9.69E-04	4.5E-05	2.1E-07	2.1E-05	0.00103	1.22E-03	5.72E-05	1.75E-07	1.2E-05	1.29E-03	0.001205	4.92E-05	1.43E-07	1.28E-05	0.001267
5306	494363.09	3865877.25	0.01117	0.01123	0.01106	0.01054	1.01E-03	4.8E-05	2.1E-07	2.4E-05	0.00108	1.28E-03	6E-05	1.76E-07	1.43E-05	1.35E-03	0.001259	5.16E-05	1.44E-07	1.51E-05	0.001326
5307	494863.09	3865877.25	0.01136	0.0115	0.01091	0.01082	1.03E-03	4.9E-05	2E-07	2.5E-05	0.0011	1.30E-03	6.14E-05	1.73E-07	1.46E-05	1.38E-03	0.001281	5.28E-05	1.42E-07	1.55E-05	0.001349
5308	495363.09	3865877.25	0.01149	0.01171	0.01107	0.01119	1.04E-03	5E-05	2.1E-07	2.6E-05	0.00112	1.31E-03	6.25E-05	1.76E-07	1.51E-05	1.39E-03	0.001295	5.38E-05	1.44E-07	1.61E-05	0.001365
5309	495863.09	3865877.25	0.01186	0.01208	0.01143	0.01257	1.07E-03	5.1E-05	2.1E-07	2.9E-05	0.00116	1.36E-03	6.45E-05	1.82E-07	1.7E-05	1.44E-03	0.001337	5.55E-05	1.48E-07	1.81E-05	0.001411
5310	496363.09	3865877.25	0.01199	0.01234	0.01164	0.01278	1.09E-03	5.2E-05	2.2E-07	3E-05	0.00117	1.37E-03	6.59E-05	1.85E-07	1.73E-05	1.45E-03	0.001352	5.67E-05	1.51E-07	1.84E-05	0.001427
5311	496863.09	3865877.25	0.01178	0.01216	0.01157	0.01229	1.07E-03	5.1E-05	2.2E-07	2.8E-05	0.00115	1.35E-03	6.49E-05	1.84E-07	1.66E-05	1.43E-03	0.001328	5.58E-05	1.5E-07	1.76E-05	0.001402
5312	497363.09	3865877.25	0.01124	0.01163	0.01099	0.01193	1.02E-03	4.9E-05	2.1E-07	2.8E-05	0.0011	1.29E-03	6.21E-05	1.75E-07	1.61E-05	1.36E-03	0.001267	5.34E-05	1.43E-07	1.71E-05	0.001338
5313	497863.09	3865877.25	0.01081	0.01115	0.0105	0.01118	9.80E-04	4.7E-05	2E-07	2.6E-05	0.00105	1.24E-03	5.95E-05	1.67E-07	1.51E-05	1.31E-03	0.001219	5.12E-05	1.36E-07	1.61E-05	0.001286
5314	498363.09	3865877.25	0.0105	0.0107	0.01015	0.01048	9.52E-04	4.5E-05	1.9E-07	2.4E-05	0.00102	1.20E-03	5.71E-05	1.61E-07	1.42E-05	1.27E-03	0.001184	4.91E-05	1.32E-07	1.5E-05	0.001248
5315	471363.09	3866377.25	0.00599	0.00576	0.00578	0.00589	5.43E-04	2.4E-05	1.1E-07	1.4E-05	0.00058	6.85E-04	3.08E-05	9.19E-08	7.96E-06	7.24E-04	0.000675	2.65E-05	7.5E-08	8.46E-06	0.00071
5316	471863.09	3866377.25	0.00614	0.00562	0.00593	0.00594	5.56E-04	2.4E-05	1.1E-07	1.4E-05	0.00059	7.02E-04	3E-05	9.42E-08	8.03E-06	7.40E-04	0.000692	2.58E-05	7.7E-08	8.53E-06	0.000727
5317	472363.09	3866377.25	0.00627	0.00554	0.00607	0.006	5.68E-04	2.3E-05	1.1E-07	1.4E-05	0.00061	7.17E-04	2.96E-05	9.65E-08	8.11E-06	7.55E-04	0.000707	2.54E-05	7.88E-08	8.62E-06	0.000741
5318	472863.09	3866377.25	0.00638	0.00558	0.00618	0.00604	5.78E-04	2.4E-05	1.2E-07	1.4E-05	0.00062	7.30E-04	2.98E-05	9.82E-08	8.17E-06	7.68E-04	0.000719	2.56E-05	8.02E-08	8.67E-06	0.000754
5319	473363.09	3866377.25	0.00655	0.00583	0.00634	0.00612	5.94E-04	2.5E-05	1.2E-07	1.4E-05	0.00063	7.49E-04	3.11E-05	1.01E-07	8.27E-06	7.89E-04	0.000739	2.68E-05	8.23E-08	8.79E-06	0.000774
5320	473863.09	3866377.25	0.00673	0.0062	0.00651	0.00622	6.10E-04	2.6E-05	1.2E-07	1.4E-05	0.00065	7.70E-04	3.31E-05	1.03E-07	8.41E-06	8.11E-04	0.000759	2.85E-05	8.45E-08	8.93E-06	0.000796
5321	474363.09	3866377.25	0.00693	0.00661	0.00671	0.00639	6.28E-04	2.8E-05	1.3E-07	1.5E-05	0.00067	7.93E-04	3.53E-05	1.07E-07	8.64E-06	8.37E-04	0.000781	3.04E-05	8.71E-08	9.18E-06	0.000821
5322	474863.09	3866377.25	0.00717	0.00697	0.00696	0.00663	6.50E-04	2.9E-05	1.3E-07	1.5E-05	0.00069	8.20E-04	3.72E-05	1.11E-07	8.96E-06	8.66E-04	0.000808	3.2E-05	9.03E-08	9.52E-06	0.00085
5323	475363.09	3866377.25	0.0074	0.00715	0.00721	0.00691	6.71E-04	3E-05	1.3E-07	1.6E-05	0.00072	8.46E-04	3.82E-05	1.15E-07	9.34E-06	8.94E-04	0.000834	3.28E-05	9.36E-08	9.92E-06	0.000877
5324	475863.09	3866377.25	0.00763	0.00723	0.00746	0.00722	6.91E-04	3.1E-05	1.4E-07	1.7E-05	0.00074	8.73E-04	3.86E-05	1.19E-07	9.76E-06	9.21E-04	0.00086	3.32E-05	9.68E-08	1.04E-05	0.000904
5325	476363.09	3866377.25	0.00806	0.00752	0.00789	0.00751	7.30E-04	3.2E-05	1.5E-07	1.7E-05	0.00078	9.22E-04	4.02E-05	1.25E-07	1.02E-05	9.72E-04	0.000909	3.45E-05	1.02E-07	1.08E-05	0.000954
5326	476863.09	3866377.25	0.00828	0.00769	0.00817	0.00726	7.50E-04	3.3E-05	1.5E-07	1.7E-05	0.0008	9.47E-04	4.11E-05	1.3E-07	9.82E-06	9.98E-04	0.000934	3.53E-05	1.06E-07	1.04E-05	0.000979
5327	477363.09	3866377.25	0.0087	0.00804	0.00857	0.00784	7.88E-04	3.4E-05	1.6E-07	1.8E-05	0.00084	9.95E-04	4.29E-05	1.36E-07	1.06E-05	1.05E-03	0.000981	3.69E-05	1.11E-07	1.13E-05	0.001029
5328	477863.09	3866377.25	0.00886	0.00814	0.00877	0.00831	8.03E-04	3.4E-05	1.6E-07	1.9E-05	0.00086	1.01E-03	4.35E-05	1.39E-07	1.12E-05	1.07E-03	0.000999	3.74E-05	1.14E-07	1.19E-05	0.001048
5329	478363.09	3866377.25	0.00903	0.00837	0.00902	0.00862	8.18E-04	3.5E-05	1.7E-07	2E-05	0.00087	1.03E-03	4.47E-05	1.43E-07	1.17E-05	1.09E-03	0.001018	3.84E-05	1.17E-07	1.24E-05	0.001069
5330	478863.09	3866377.25	0.00928	0.00871	0.00933	0.009	8.41E-04	3.7E-05	1.7E-07	2.1E-05	0.0009	1.06E-03	4.65E-05	1.48E-07	1.22E-05	1.12E-03	0.001046	4E-05	1.21E-07	1.29E-05	0.001099
5331	479363.09	3866377.25	0.00953	0.00888	0.00958	0.00944	8.64E-04	3.8E-05	1.8E-07	2.2E-05	0.00092	1.09E-03	4.74E-05	1.52E-07	1.28E-05	1.15E-03	0.001075	4.08E-05	1.24E-07	1.36E-05	0.001129
5332	479863.09	3866377.25	0.00976	0.00884	0.00976	0.00984	8.84E-04	3.7E-05	1.8E-07	2.3E-05	0.00094	1.12E-03	4.72E-05	1.55E-07	1.33E-05	1.18E-03	0.0011	4.06E-05	1.27E-07	1.41E-05	0.001155
5333	480363.09	3866377.25	0.00993	0.00882	0.00984	0.0101	9.00E-04	3.7E-05	1.8E-07	2.3E-05	0.00096	1.14E-03	4.71E-05	1.56E-07	1.37E-05	1.20E-03	0.00112	4.05E-05	1.28E-07	1.45E-05	0.001175
5334	480863.09	3866377.25	0.01007	0.0092	0.00991	0.01017	9.13E-04	3.9E-05	1.9E-07	2.4E-05	0.00098	1.15E-03	4.91E-05	1.58E-07	1.38E-05	1.21E-03	0.001135	4.22E-05	1.29E-07	1.46E-05	0.001192
5335	481363.09	3866377.25	0.01026	0.00987	0.01005	0.01024	9.30E-04	4.2E-05	1.9E-07	2.4E-05	0.001	1.17E-03	5.27E-05	1.6E-07	1.38E-05	1.24E-03	0.001157	4.53E-05	1.3E-07	1.47E-05	0.001217
5336	481863.09	3866377.25	0.01039	0.01017	0.01016	0.01043	9.42E-04	4.3E-05	1.9E-07	2.4E-05	0.00101	1.19E-03	5.43E-05	1.61E-07	1.41E-05	1.26E-03	0.001171	4.67E-05	1.32E-07	1.5E-05	0.001233
5337	482363.09	3866377.25	0.01048	0.01012	0.01021	0.01072	9.50E-04	4.3E-05	1.9E-07	2.5E-05	0.00102	1.20E-03	5.4E-05	1.62E-07	1.45E-05	1.27E-03	0.001182	4.65E-05	1.33E-07	1.54E-05	0.001244
5338	482863.09	3866377.25	0.01058	0.01004	0.01022	0.01086	9.59E-04	4.2E-05	1.9E-07	2.5E-05	0.00103	1.21E-03	5.36E-05	1.62E-07	1.47E-05	1.28E-03	0.001193	4.61E-05	1.33E-07	1.56E-05	0.001255
5339	483363.09	3866377.25	0.01066	0.00965	0.01033	0.01083	9.66E-04	4.1E-05	1.9E-07	2.5E-05	0.00103	1.22E-03	5.15E-05	1.64E-07	1.46E-05	1.29E-03	0.001202	4.43E-05	1.34E-07	1.56E-05	0.001262
5340	483863.09	3866377.25	0.01074	0.00933	0.01052	0.01079	9.73E-04	3.9E-05	2E-07	2.5E-05	0.00104	1.23E-03	4.98E-05	1.67E-07	1.46E-05	1.29E-03	0.001211	4.28E-05	1.37E-07	1.55E-05	0.001269
5341	484363.09	3866377.25	0.01077	0.00959	0.01059	0.01075	9.76E-04	4.1E-05	2E-07	2.5E-05	0.00104	1.23E-03	5.12E-05	1.68E-07	1.45E-05	1.30E-03	0.001214	4.4E-05	1.37E-07	1.54E-05	0.001274
5342	484863.09	3866377.25	0.01074	0.00984	0.0105	0.01083	9.73E-04	4.2E-05	2E-07	2.5E-05	0.00104	1.23E-03	5.25E-05	1.67E-07	1.46E-05	1.30E-03	0.001211	4.52E-05	1.36E-07	1.56E-05	0.001272
5343	485363.09	3866377.25	0.01058	0.00945	0.01025	0.01078	9.59E-04	4E-05	1.9E-07	2.5E-05	0.00102	1.21E-03	5.05E-05	1.63E-07	1.46E-05	1.28E-03	0.001193	4.34E-05	1.33E-07	1.55E-05	0.001252
5344	485863.09	3866377.25	0.01044	0.00918	0.01001	0.01044	9.46E-04	3.9E-05	1.9E-07	2.4E-05	0.00101	1.19E-03	4.9E-05	1.59E-07	1.41E-05	1.26E-03	0.001177	4.22E-05	1.3E-07	1.5E-05	0.001234
5345	486363.09	3866377.25	0.01037	0.00941	0.0098	0.01004	9.40E-04	4E-05	1.8E-07	2.3E-05	0.001	1.19E-03	5.02E-05	1.56E-07	1.36E-05	1.25E-03	0.001169	4.32E-05	1.27E-07	1.44E-05	0.001227
5346	486863.09	3866377.25	0.01031	0.00961	0.00967	0.00984	9.34E-04	4.1E-05	1.8E-07	2.3E-05	0.001	1.18E-03	5.13E-05	1.54E-07	1.33E-05	1.24E-03	0.001162	4.41E-05	1.26E-07	1.41E-05	0.001221
5347	487363.09	3866377.25	0.01048	0.0096	0.00989	0.00983	9.50E-04	4.1E-05	1.9E-07	2.3E-05	0.00101	1.20E-03	5.13E-05	1.57E-07	1.33E-05	1.26E-03	0.001182	4.41E-05	1.28E-07	1.41E-05	0.00124
5348	487863.09	3866377.25	0.01064	0.00927	0.01022	0.00986	9.64E-04	3.9E-05	1.9E-07	2.3E-05	0.00103	1.22E-03	4.95E-05	1.62E-07	1.33E-05	1.28E-03	0.0012	4.26E-05	1.33E-07	1.42E-05	0.001257
5349	488363.09	3866377.25	0.01065	0.00914	0.01036	0.01	9.65E-04	3.9E-05	1.9E-07	2.3E-05	0.00103	1.22E-03	4.88E-05	1.65E-07	1.35E-05	1.28E-03	0.001201	4.2E-05	1.34E-07	1.44E-05	0.001257
5350	488863.09	3866377.25	0.01073	0.00946	0.01056	0.01023	9.72E-04	4E-05	2E-07	2.4E-05	0.00104	1.23E-03	5.05E-05	1.68E-07	1.38E-05	1.29E-03	0.00121	4.34E-05	1.37E-07	1.47E-05	0.001268
5351	489363.09	3866377.25	0.0107	0.00987	0.01048	0.01037	9.70E-04	4.2E-05	2E-07	2.4E-05	0.00104	1.22E-03	5.27E-05	1.67E-07	1.4E-05	1.29E-03	0.001206	4.53E-05	1.36E-07	1.49E-05	0.001267
5352	489863.09	3866377.25	0.01058	0.01008	0.01026	0.01009	9.59E-04	4.3E-05	1.9E-07	2.3E-05	0.00102	1.21E-03	5.38E-05	1.63E-07	1.36E-05	1.28E-03	0.001193	4.63E-05	1.33E-07	1.45E-05	0.001254
5353	490363.09	3866377.25	0.01039	0.00983	0.00985	0.01019	9.42E-04	4.2E-05	1.8E-07	2.4E-05	0.00101	1.19E-03	5.25E-05	1.57E-07	1.38E-05	1.25E-03	0.001171	4.51E-05	1.28E-07	1.46E-05	0.001231
5354	490863.09	3866377.25	0.01026	0.00974	0.00972	0.00995	9.30E-04	4.1E-05	1.8E-07	2.3E-05	0.00099	1.17E-03	5.2E-05	1.54E-07	1.35E-05	1.24E-03	0.001157	4.47E-05	1.26E-07	1.43E-05	0.001216
5355	491363.09	3866377.25	0.01035	0.00979	0.00994	0.00997	9.38E-04	4.1E-05	1.9E-07	2.3E-05	0.001	1.18E-03	5.23E-05	1.58E-07	1.35E-05	1.25E-03	0.001167	4.5E-05	1.29E-07	1.43E-05	0.001226
5356	491863.09	3866377.25	0.01022	0.00951	0.01029	0.00926	9.26E-04	4E-05	1.9E-07	2.1E-05	0.00099	1.17E-03	5.08E-05	1.64E-07	1.25E-05	1.23E-03	0.001152	4.37E-05	1.34E-07	1.33E-05	0.001209
5357	492363.09	3866377.25	0.01036	0.0101	0.01029	0.0096	9.39E-04	4.3E-05	1.9E-07	2.2E-05	0.001	1.18E-03	5.39E-05	1.64E-07	1.3E-05	1.25E-03	0.001168	4.64E-05	1.34E-07	1.38E-05	0.001228
5358	492863.09	3866377.25	0.00974	0.01012	0.00961	0.00816	8.83E-04	4.3E-05	1.8E-07	1.9E-05	0.00094	1.11E-03	5.4E-05	1.53E-07	1.1E-05	1.18E-03	0.001098	4.65E-05	1.25E-07	1.17E-05	0.001156
5359	493363.09	3866377.25	0.00985	0.0098	0.00974	0.00823	8.93E-04	4.1E-05	1.8E-07	1.9E-05	0.00095	1.13E-03	5.23E-05	1.55E-07	1.11E-05	1.19E-03	0.001111	4.5E-05	1.26E-07	1.18E-05	0.001168
5360	493863.09	3866377.25	0.01031	0.01014	0.01032	0.00924	9.34E-04	4.3E-05	1.9E-07	2.1E-05	0.001	1.18E-03	5.41E-05	1.64E-07	1.25E-05	1.25E-03	0.001162	4.66E-05	1.34E-07	1.33E-05	0.001222
5361	494363.09	3866377.25	0.01064	0.01055	0.01047	0.01067	9.64E-04	4.5E-05	2E-07	2.5E-05	0.00103	1.22E-03	5.63E-05	1.66E-07	1.44E-05	1.29E-03	0.0012	4.84E-05	1.36E-07	1.53E-05	0.001264
5362	494863.09	3866377.25	0.01049	0.01046	0.01021	0.01038	9.51E-04	4.4E-05	1.9E-07	2.4E-05	0.00102	1.20E-03	5.59E-05	1.62E-07	1.4E-05	1.27E-03	0.001183	4.8E-05	1.33E-07	1.49E-05	0.001246
5363	495363.09	3866377.25	0.01015	0.01015	0.0098	0.00928	9.20E-04	4.3E-05	1.8E-07	2.1E-05	0.00098	1.16E-03	5.42E-05	1.56E-07	1.25E-05	1.23E-03	0.001144	4.66E-05	1.27E-07	1.33E-05	0.001204
5364	495863.09	3866377.25	0.01034	0.01034	0.0101	0.00944	9.37E-04	4.4E-05	1.9E-07	2.2E-05	0.001	1.18E-03	5.52E-05	1.61E-07	1.28E-05	1.25E-03	0.001166	4.75E-05	1.31E-07	1.36E-05	0.001227

5365	496363.09	3866377.25	0.01094	0.01111	0.01079	0.01082	9.91E-04	4.7E-05	2E-07	2.5E-05	0.00106	1.25E-03	5.93E-05	1.71E-07	1.46E-05	1.33E-03	0.001233	5.1E-05	1.4E-07	1.55E-05	0.0013
5366	496863.09	3866377.25	0.01104	0.01135	0.01094	0.01074	1.00E-03	4.8E-05	2E-07	2.5E-05	0.00107	1.26E-03	6.06E-05	1.74E-07	1.45E-05	1.34E-03	0.001245	5.21E-05	1.42E-07	1.54E-05	0.001312
5367	497363.09	3866377.25	0.01085	0.01116	0.01077	0.0107	9.83E-04	4.7E-05	2E-07	2.5E-05	0.00106	1.24E-03	5.96E-05	1.71E-07	1.45E-05	1.32E-03	0.001223	5.13E-05	1.4E-07	1.54E-05	0.00129
5368	497863.09	3866377.25	0.01042	0.01068	0.01034	0.01065	9.44E-04	4.5E-05	1.9E-07	2.5E-05	0.00101	1.19E-03	5.7E-05	1.64E-07	1.44E-05	1.26E-03	0.001175	4.9E-05	1.34E-07	1.53E-05	0.001239
5369	498363.09	3866377.25	0.0095	0.00968	0.00952	0.0089	8.61E-04	4.1E-05	1.8E-07	2.1E-05	0.00092	1.09E-03	5.17E-05	1.51E-07	1.2E-05	1.15E-03	0.001071	4.45E-05	1.24E-07	1.28E-05	0.001128
5370	474494.92	3848334.16	0.00694	0.0066	0.00688	0.00508	6.29E-04	2.8E-05	1.3E-07	1.2E-05	0.00067	7.94E-04	3.52E-05	1.09E-07	6.87E-06	8.36E-04	0.000782	3.03E-05	8.93E-08	7.3E-06	0.00082
5371	475167.27	3848920.79	0.00791	0.00755	0.00779	0.0057	7.17E-04	3.2E-05	1.5E-07	1.3E-05	0.00076	9.05E-04	4.03E-05	1.24E-07	7.71E-06	9.53E-04	0.000892	3.47E-05	1.01E-07	8.19E-06	0.000935
5372	475297.89	3848997.96	0.00806	0.00768	0.00794	0.0058	7.30E-04	3.2E-05	1.5E-07	1.3E-05	0.00078	9.22E-04	4.1E-05	1.26E-07	7.84E-06	9.71E-04	0.000909	3.53E-05	1.03E-07	8.33E-06	0.000952
5373	475439.05	3849062	0.00805	0.00771	0.00794	0.0057	7.30E-04	3.3E-05	1.5E-07	1.3E-05	0.00078	9.21E-04	4.12E-05	1.26E-07	7.71E-06	9.70E-04	0.000908	3.54E-05	1.03E-07	8.19E-06	0.000951
5374	475486.86	3849061.09	0.008	0.00767	0.00791	0.00565	7.25E-04	3.2E-05	1.5E-07	1.3E-05	0.00077	9.15E-04	4.1E-05	1.26E-07	7.64E-06	9.64E-04	0.000902	3.52E-05	1.03E-07	8.11E-06	0.000945
5375	475538.46	3849075.56	0.00806	0.00771	0.00796	0.0057	7.30E-04	3.3E-05	1.5E-07	1.3E-05	0.00078	9.22E-04	4.12E-05	1.27E-07	7.71E-06	9.71E-04	0.000909	3.54E-05	1.03E-07	8.19E-06	0.000952
5376	475751.79	3849137.15	0.00839	0.00794	0.00828	0.00606	7.60E-04	3.4E-05	1.6E-07	1.4E-05	0.00081	9.60E-04	4.24E-05	1.32E-07	8.19E-06	1.01E-03	0.000946	3.65E-05	1.07E-07	8.7E-06	0.000991
5377	476303.62	3849223.38	0.00883	0.00815	0.00872	0.00641	8.00E-04	3.4E-05	1.6E-07	1.5E-05	0.00085	1.01E-03	4.35E-05	1.39E-07	8.67E-06	1.06E-03	0.000996	3.74E-05	1.13E-07	9.21E-06	0.001042
5378	476304.51	3849238.92	0.00887	0.00819	0.00876	0.00645	8.04E-04	3.5E-05	1.6E-07	1.5E-05	0.00085	1.01E-03	4.37E-05	1.39E-07	8.72E-06	1.07E-03	0.001	3.76E-05	1.14E-07	9.26E-06	0.001047
5379	476365.04	3849247.98	0.00891	0.0082	0.0088	0.00647	8.07E-04	3.5E-05	1.6E-07	1.5E-05	0.00086	1.02E-03	4.38E-05	1.4E-07	8.75E-06	1.07E-03	0.001005	3.77E-05	1.14E-07	9.29E-06	0.001052
5380	476444.86	3849267.13	0.00892	0.00822	0.00882	0.00645	8.08E-04	3.5E-05	1.7E-07	1.5E-05	0.00086	1.02E-03	4.39E-05	1.4E-07	8.72E-06	1.07E-03	0.001006	3.77E-05	1.14E-07	9.26E-06	0.001053
5381	476550.75	3849300.66	0.00906	0.00828	0.00894	0.00655	8.21E-04	3.5E-05	1.7E-07	1.5E-05	0.00087	1.04E-03	4.42E-05	1.42E-07	8.86E-06	1.09E-03	0.001022	3.8E-05	1.16E-07	9.41E-06	0.001069
5382	476656.71	3849346.88	0.00918	0.00837	0.00908	0.00664	8.32E-04	3.5E-05	1.7E-07	1.5E-05	0.00088	1.05E-03	4.47E-05	1.44E-07	8.98E-06	1.10E-03	0.001035	3.84E-05	1.18E-07	9.54E-06	0.001083
5383	476873.55	3849454.53	0.00954	0.0086	0.00942	0.00687	8.65E-04	3.6E-05	1.8E-07	1.6E-05	0.00092	1.09E-03	4.59E-05	1.5E-07	9.29E-06	1.15E-03	0.001076	3.95E-05	1.22E-07	9.87E-06	0.001125
5384	477700	3849859.7	0.01092	0.00954	0.01073	0.0076	9.90E-04	4E-05	2E-07	1.8E-05	0.00105	1.25E-03	5.09E-05	1.71E-07	1.03E-05	1.31E-03	0.001231	4.38E-05	1.39E-07	1.09E-05	0.001286
5385	477743.16	3849856.38	0.01075	0.00947	0.01055	0.00746	9.74E-04	4E-05	2E-07	1.7E-05	0.00103	1.23E-03	5.06E-05	1.68E-07	1.01E-05	1.29E-03	0.001212	4.35E-05	1.37E-07	1.07E-05	0.001266
5386	478477.35	3850216.33	0.01163	0.01011	0.01116	0.00752	1.05E-03	4.3E-05	2.1E-07	1.7E-05	0.00111	1.33E-03	5.4E-05	1.77E-07	1.02E-05	1.39E-03	0.001311	4.64E-05	1.45E-07	1.08E-05	0.001369
5387	478485.8	3850201.6	0.0116	0.01008	0.0111	0.00746	1.05E-03	4.3E-05	2.1E-07	1.7E-05	0.00111	1.33E-03	5.38E-05	1.76E-07	1.01E-05	1.39E-03	0.001308	4.63E-05	1.44E-07	1.07E-05	0.001365
5388	479113.21	3850501.53	0.01407	0.01216	0.01296	0.00833	1.28E-03	5.1E-05	2.4E-07	1.9E-05	0.00135	1.61E-03	6.49E-05	2.06E-07	1.13E-05	1.69E-03	0.001586	5.58E-05	1.68E-07	1.2E-05	0.001654
5389	479108.11	3850382.28	0.01405	0.01234	0.01283	0.0083	1.27E-03	5.2E-05	2.4E-07	1.9E-05	0.00134	1.61E-03	6.59E-05	2.04E-07	1.12E-05	1.68E-03	0.001584	5.67E-05	1.67E-07	1.19E-05	0.001653
5390	479689.85	3850674.28	0.01667	0.01501	0.015	0.00965	1.51E-03	6.3E-05	2.8E-07	2.2E-05	0.0016	1.91E-03	8.01E-05	2.38E-07	1.3E-05	2.00E-03	0.00188	6.89E-05	1.95E-07	1.39E-05	0.001963
5391	479952.42	3850774.28	0.01833	0.01682	0.01671	0.01102	1.66E-03	7.1E-05	3.1E-07	2.6E-05	0.00176	2.10E-03	8.98E-05	2.66E-07	1.49E-05	2.20E-03	0.002067	7.72E-05	2.17E-07	1.58E-05	0.00216
5392	479911.32	3850884.85	0.01796	0.01612	0.01608	0.01031	1.63E-03	6.8E-05	3E-07	2.4E-05	0.00172	2.05E-03	8.61E-05	2.56E-07	1.39E-05	2.15E-03	0.002025	7.4E-05	2.09E-07	1.48E-05	0.002114
5393	480500.92	3851178.12	0.02183	0.02	0.01993	0.01409	1.98E-03	8.5E-05	3.7E-07	3.3E-05	0.0021	2.50E-03	0.000107	3.17E-07	1.91E-05	2.62E-03	0.002461	9.18E-05	2.59E-07	2.02E-05	0.002574
5394	480738.01	3851289.27	0.02338	0.02147	0.02162	0.0159	2.12E-03	9.1E-05	4E-07	3.7E-05	0.00225	2.67E-03	0.000115	3.44E-07	2.15E-05	2.81E-03	0.002636	9.86E-05	2.81E-07	2.28E-05	0.002758
5395	481055.42	3851443.58	0.02533	0.02297	0.02377	0.01811	2.30E-03	9.7E-05	4.4E-07	4.2E-05	0.00244	2.90E-03	0.000123	3.78E-07	2.45E-05	3.04E-03	0.002856	0.000105	3.09E-07	2.6E-05	0.002988
5396	481110.22	3851443.15	0.02588	0.02349	0.02449	0.01899	2.35E-03	9.9E-05	4.6E-07	4.4E-05	0.00249	2.96E-03	0.000125	3.89E-07	2.57E-05	3.11E-03	0.002918	0.000108	3.18E-07	2.73E-05	0.003053
5397	481111.1	3851417.45	0.02588	0.02351	0.02461	0.01919	2.35E-03	9.9E-05	4.6E-07	4.4E-05	0.00249	2.96E-03	0.000126	3.91E-07	2.59E-05	3.11E-03	0.002918	0.000108	3.19E-07	2.76E-05	0.003054
5398	482248.44	3852605.09	0.04324	0.0371	0.03729	0.02828	3.92E-03	0.00016	7E-07	6.6E-05	0.00414	4.95E-03	0.000198	5.93E-07	3.82E-05	5.18E-03	0.004875	0.00017	4.84E-07	4.06E-05	0.005087
5399	482273.34	3852632.31	0.04391	0.0376	0.03771	0.0285	3.98E-03	0.00016	7.1E-07	6.6E-05	0.00421	5.02E-03	0.000201	5.99E-07	3.85E-05	5.26E-03	0.004951	0.000173	4.89E-07	4.09E-05	0.005165
5400	482665.46	3853038.72	0.05932	0.04858	0.0466	0.03435	5.38E-03	0.00021	8.7E-07	8E-05	0.00566	6.78E-03	0.000259	7.41E-07	4.64E-05	7.09E-03	0.006688	0.000223	6.05E-07	4.93E-05	0.006961
5401	483077.95	3853844.31	0.65901	0.09025	0.06485	0.03529	5.97E-02	0.00038	1.2E-06	8.2E-05	0.06019	7.54E-02	0.000482	1.03E-06	4.77E-05	7.59E-02	0.074303	0.000414	8.42E-07	5.07E-05	0.074769
5402	483121.38	3853909.38	0.62116	0.09753	0.0682	0.0359	5.63E-02	0.00041	1.3E-06	8.3E-05	0.05679	7.10E-02	0.000521	1.08E-06	4.85E-05	7.16E-02	0.070036	0.000448	8.85E-07	5.16E-05	0.070536
5403	483492.64	3853911.49	0.30686	0.11376	0.08446	0.04319	2.78E-02	0.00048	1.6E-06	0.0001	0.02839	3.51E-02	0.000607	1.34E-06	5.84E-05	3.58E-02	0.034598	0.000522	1.1E-06	6.2E-05	0.035184
5404	483498.29	3854204.73	0.42114	0.16848	0.0964	0.04107	3.82E-02	0.00071	1.8E-06	9.5E-05	0.03897	4.82E-02	0.0009	1.53E-06	5.55E-05	4.91E-02	0.047483	0.000774	1.25E-06	5.9E-05	0.048317
5405	484132.44	3854662.55	0.85918	0.50549	0.2062	0.04322	7.79E-02	0.00214	3.9E-06	0.0001	0.0801	9.83E-02	0.002699	3.28E-06	5.84E-05	1.01E-01	0.096872	0.002321	2.68E-06	6.21E-05	0.099258
5406	484627.62	3854876.13	3.21293	4.19297	0.88155	0.07473	2.91E-01	0.01774	1.7E-05	0.00017	0.30909	3.67E-01	0.022388	1.4E-05	0.000101	3.90E-01	0.362257	0.019256	1.14E-05	0.000107	0.381631
5407	484756.14	3854949.04	2.98239	5.70528	2.33214	0.0933	2.70E-01	0.02414	4.4E-05	0.00022	0.29467	3.41E-01	0.030463	3.71E-05	0.000126	3.72E-01	0.336263	0.026201	3.03E-05	0.000134	0.362628
5408	486697.51	3856599.17	3.04747	0.30502	3.91585	1.55825	2.76E-01	0.00129	7.3E-05	0.00361	0.28114	3.49E-01	0.001629	6.22E-05	0.002107	3.52E-01	0.343601	0.001401	5.08E-05	0.002238	0.347291
5409	487105.31	3856962.27	2.82933	0.89002	3.85385	1.79112	2.56E-01	0.00377	7.2E-05	0.00415	0.26439	3.24E-01	0.004752	6.12E-05	0.002422	3.31E-01	0.319006	0.004087	5E-05	0.002572	0.325715
5410	487157.57	3856901.7	2.18354	0.63722	2.94302	1.49027	1.98E-01	0.0027	5.5E-05	0.00345	0.20408	2.50E-01	0.003402	4.68E-05	0.002015	2.55E-01	0.246193	0.002926	3.82E-05	0.00214	0.251298
5411	487173.5	3856853.74	1.94267	0.52283	2.62459	1.36401	1.76E-01	0.00221	4.9E-05	0.00316	0.18147	2.22E-01	0.002792	4.17E-05	0.001844	2.27E-01	0.219035	0.002401	3.41E-05	0.001959	0.223429
5412	487564.41	3856860.83	1.15491	0.74274	1.62055	1.05556	1.05E-01	0.00314	3E-05	0.00244	0.11028	1.32E-01	0.003966	2.58E-05	0.001427	1.38E-01	0.130216	0.003411	2.1E-05	0.001516	0.135164
5413	487563.31	3856931.58	1.16765	1.12053	1.69422	1.13914	1.06E-01	0.00474	3.2E-05	0.00264	0.11323	1.34E-01	0.005983	2.69E-05	0.00154	1.41E-01	0.131652	0.005146	2.2E-05	0.001636	0.138456
5414	487782.7	3856926.85	0.94746	1.17465	1.33484	1.01709	8.59E-02	0.00497	2.5E-05	0.00236	0.09321	1.08E-01	0.006272	2.12E-05	0.001375	1.16E-01	0.106826	0.005394	1.73E-05	0.001461	0.113698
5415	487782.39	3856757.07	0.91726	0.55895	1.25081	0.87043	8.31E-02	0.00236	2.3E-05	0.00202	0.08753	1.05E-01	0.002985	1.99E-05	0.001177	1.09E-01	0.103421	0.002567	1.62E-05	0.00125	0.107254
5416	487917.26	3856752.41	0.82834	0.59361	1.12284	0.8319	7.51E-02	0.00251	2.1E-05	0.00193	0.07953	9.47E-02	0.00317	1.78E-05	0.001125	9.91E-02	0.093395	0.002726	1.46E-05	0.001195	0.09733
5417	487919.57	3856953.35	0.85028	1.30436	1.17537	0.98499	7.71E-02	0.00552	2.2E-05	0.00228	0.08488	9.73E-02	0.006965	1.87E-05	0.001332	1.06E-01	0.095869	0.00599	1.53E-05	0.001414	0.103289
5418	487932.76	3857000.32	0.84372	1.56951	1.16188	1.00981	7.65E-02	0.00664	2.2E-05	0.00234	0.08546	9.65E-02	0.00838	1.85E-05	0.001365	1.06E-01	0.095129	0.007208	1.51E-05	0.00145	0.103802
5419	487960.5	3857044.75	0.82796	1.82125	1.12556	1.0304	7.50E-02	0.0077	2.1E-05	0.00239	0.08514	9.47E-02	0.009725	1.79E-05	0.001393	1.06E-01	0.093352	0.008364	1.46E-05	0.00148	0.10321
5420	488016.54	3857089.54	0.79873	2.01177	1.05765	1.03752	7.24E-02	0.00851	2E-05	0.0024	0.08332	9.14E-02	0.010742	1.68E-05	0.001403	1.04E-01	0.090057	0.009239	1.37E-05	0.00149	0.100799
5421	488114.39	3857165.47	0.75442	2.16903	0.94433	1.05665	6.84E-02	0.00918	1.8E-05	0.00245	0.08001	8.63E-02	0.011582	1.5E-05	0.001429	9.93E-02	0.085061	0.009961	1.23E-05	0.001517	0.096551
5422	488171.49	3857234.24	0.73405	2.21921	0.87323	1.0968	6.65E-02	0.00939	1.6E-05	0.00254	0.07847	8.40E-02	0.01185	1.39E-05	0.001483	9.73E-02	0.082764	0.010191	1.13E-05	0.001575	0.094542
5423	488193.16	3857297.8	0.73115	2.23326	0.83084	1.15929	6.63E-02	0.00945	1.6E-05	0.00269	0.07841	8.36E-02	0.011925	1.32E-05	0.001567	9.71E-02	0.082437	0.010256	1.08E-05	0.001665	0.094368
5424	488189.27	3857649.94	0.83449	1.34987	0.63185	1.71265	7.56E-02	0.00571	1.2E-05	0.00397	0.08531	9.54E-02	0.007208	1E-05	0.002316	1.05E-01	0.094088	0.006199	8.2E-06	0.002459	0.102755
5425	488127.43	3857732.32	0.91552	1.09979	0.5298	2.02904	8.30E-02	0.00465	9.9E-06	0.0047	0.09233	1.05E-01	0.005872	8.42E-06	0.002743	1.13E-01	0.103225	0.005051	6.88E-06	0.002914	0.111196

5426	488149.93	3857752.94	0.88381	1.02146	0.4817	2.02539	8.01E-02	0.00432	9E-06	0.00469	0.08911	1.01E-01	0.005454	7.66E-06	0.002739	1.09E-01	0.099649	0.004691	6.25E-06	0.002909	0.107255
5427	488144.76	3857758.71	0.88879	1.00516	0.47295	2.05168	8.05E-02	0.00425	8.9E-06	0.00475	0.08956	1.02E-01	0.005367	7.52E-06	0.002774	1.10E-01	0.100211	0.004616	6.14E-06	0.002946	0.107779
5428	488335.58	3857932.55	0.6306	0.5758	0.26951	2.02117	5.71E-02	0.00244	5E-06	0.00468	0.06427	7.21E-02	0.003074	4.28E-06	0.002733	7.79E-02	0.0711	0.002644	3.5E-06	0.002903	0.07665
5429	488372.29	3857943.79	0.60784	0.55809	0.26352	1.88746	5.51E-02	0.00236	4.9E-06	0.00437	0.06182	6.95E-02	0.00298	4.19E-06	0.002552	7.51E-02	0.068534	0.002563	3.42E-06	0.00271	0.073811
5430	488828.64	3857936.4	0.45498	0.51907	0.2647	0.99184	4.12E-02	0.0022	5E-06	0.0023	0.04573	5.20E-02	0.002772	4.21E-06	0.001341	5.62E-02	0.051299	0.002384	3.44E-06	0.001424	0.05511
5431	488829.08	3857959.58	0.4514	0.49864	0.25559	0.97024	4.09E-02	0.00211	4.8E-06	0.00225	0.04527	5.16E-02	0.002662	4.06E-06	0.001312	5.56E-02	0.050895	0.00229	3.32E-06	0.001393	0.054582
5432	488351.61	3857964.55	0.61107	0.5281	0.25029	1.95872	5.54E-02	0.00223	4.7E-06	0.00454	0.06215	6.99E-02	0.00282	3.98E-06	0.002648	7.54E-02	0.068898	0.002425	3.25E-06	0.002813	0.074139
5433	488316.87	3857947.65	0.6346	0.55244	0.25907	2.1114	5.75E-02	0.00234	4.8E-06	0.00489	0.06474	7.26E-02	0.00295	4.12E-06	0.002855	7.84E-02	0.071551	0.002537	3.36E-06	0.003032	0.077123
5434	488129.1	3857775.77	0.90252	0.95548	0.44555	2.14521	8.18E-02	0.00404	8.3E-06	0.00497	0.09081	1.03E-01	0.005102	7.08E-06	0.002901	1.11E-01	0.101759	0.004388	5.78E-06	0.003081	0.109233
5435	488062.53	3857846.13	0.93447	0.75314	0.33468	2.79958	8.47E-02	0.00319	6.3E-06	0.00648	0.09436	1.07E-01	0.004021	5.32E-06	0.003785	1.15E-01	0.105361	0.003459	4.34E-06	0.00402	0.112845
5436	488330.41	3858091.34	0.59415	0.36991	0.19292	1.41786	5.38E-02	0.00156	3.6E-06	0.00328	0.0587	6.80E-02	0.001975	3.07E-06	0.001917	7.19E-02	0.06699	0.001699	2.5E-06	0.002036	0.070728
5437	488470.87	3858174.45	0.55269	0.31559	0.17251	0.86133	5.01E-02	0.00134	3.2E-06	0.002	0.05342	6.32E-02	0.001685	2.74E-06	0.001165	6.61E-02	0.062316	0.001449	2.24E-06	0.001237	0.065004
5438	488568.9	3858262.31	0.54829	0.26273	0.15194	0.59762	4.97E-02	0.00111	2.8E-06	0.00138	0.05219	6.27E-02	0.001403	2.41E-06	0.000808	6.49E-02	0.06182	0.001207	1.97E-06	0.000858	0.063886
5439	488964.27	3858025.71	0.4143	0.43187	0.22989	0.78918	3.75E-02	0.00183	4.3E-06	0.00183	0.0412	4.74E-02	0.002306	3.65E-06	0.001067	5.08E-02	0.046712	0.001983	2.98E-06	0.001133	0.049832
5440	489147.25	3857956.64	0.38979	0.46186	0.24852	0.72702	3.53E-02	0.00195	4.7E-06	0.00168	0.03897	4.46E-02	0.002466	3.95E-06	0.000983	4.80E-02	0.043949	0.002121	3.23E-06	0.001044	0.047117
5441	489343.52	3857932.45	0.36285	0.45331	0.24877	0.63826	3.29E-02	0.00192	4.7E-06	0.00148	0.03628	4.15E-02	0.00242	3.95E-06	0.000863	4.48E-02	0.040911	0.002082	3.23E-06	0.000917	0.043913
5442	489866.19	3857923.19	0.30084	0.38833	0.22682	0.46566	2.73E-02	0.00164	4.2E-06	0.00108	0.02999	3.44E-02	0.002073	3.6E-06	0.00063	3.71E-02	0.03392	0.001783	2.94E-06	0.000669	0.036375
5443	489955.65	3857902.27	0.29339	0.38447	0.22668	0.44734	2.66E-02	0.00163	4.2E-06	0.00104	0.02925	3.36E-02	0.002053	3.6E-06	0.000605	3.62E-02	0.03308	0.001766	2.94E-06	0.000642	0.035491
5444	490079.44	3857847.9	0.28558	0.38133	0.22908	0.43559	2.59E-02	0.00161	4.3E-06	0.00101	0.02851	3.27E-02	0.002036	3.64E-06	0.000589	3.53E-02	0.032199	0.001751	2.97E-06	0.000626	0.034579
5445	490108.49	3857934.13	0.27714	0.35436	0.21342	0.4102	2.51E-02	0.0015	4E-06	0.00095	0.02757	3.17E-02	0.001892	3.39E-06	0.000555	3.41E-02	0.031247	0.001627	2.77E-06	0.000589	0.033467
5446	489884.48	3858014.17	0.29246	0.35327	0.20918	0.43566	2.65E-02	0.00149	3.9E-06	0.00101	0.02901	3.35E-02	0.001886	3.32E-06	0.000589	3.59E-02	0.032975	0.001622	2.72E-06	0.000626	0.035225
5447	489326.56	3858025.86	0.3558	0.40088	0.22439	0.59693	3.22E-02	0.0017	4.2E-06	0.00138	0.03533	4.07E-02	0.002141	3.57E-06	0.000807	4.36E-02	0.040116	0.001841	2.91E-06	0.000857	0.042817
5448	489130.38	3858056.71	0.38205	0.40109	0.22009	0.66045	3.46E-02	0.0017	4.1E-06	0.00153	0.03785	4.37E-02	0.002142	3.5E-06	0.000893	4.67E-02	0.043076	0.001842	2.86E-06	0.000948	0.045869
5449	488936.49	3858143.93	0.41253	0.35764	0.19452	0.67265	3.74E-02	0.00151	3.6E-06	0.00156	0.04046	4.72E-02	0.00191	3.09E-06	0.000909	5.00E-02	0.046513	0.001642	2.52E-06	0.000966	0.049124
5450	488638.08	3858327.45	0.54403	0.23478	0.14072	0.47285	4.93E-02	0.00099	2.6E-06	0.0011	0.05139	6.22E-02	0.001254	2.24E-06	0.000639	6.41E-02	0.061339	0.001078	1.83E-06	0.000679	0.063098
5451	488663.79	3858349.57	0.54201	0.22718	0.13759	0.44086	4.91E-02	0.00096	2.6E-06	0.00102	0.0511	6.20E-02	0.001213	2.19E-06	0.000596	6.38E-02	0.061111	0.001043	1.79E-06	0.000633	0.06279
5452	488694.56	3858349.5	0.52587	0.23169	0.13916	0.44473	4.77E-02	0.00098	2.6E-06	0.00103	0.04967	6.01E-02	0.001237	2.21E-06	0.000601	6.20E-02	0.059292	0.001064	1.81E-06	0.000639	0.060996
5453	488694.35	3858336.75	0.51994	0.23808	0.14159	0.46337	4.71E-02	0.00101	2.7E-06	0.00107	0.0492	5.95E-02	0.001271	2.25E-06	0.000627	6.14E-02	0.058623	0.001093	1.84E-06	0.000665	0.060384
5454	488712.81	3858336.38	0.51089	0.24043	0.14229	0.46459	4.63E-02	0.00102	2.7E-06	0.00108	0.04839	5.84E-02	0.001284	2.26E-06	0.000628	6.03E-02	0.057603	0.001104	1.85E-06	0.000667	0.059376
5455	488713.23	3858367.46	0.52532	0.22526	0.13652	0.42172	4.76E-02	0.00095	2.6E-06	0.00098	0.04954	6.01E-02	0.001203	2.17E-06	0.00057	6.19E-02	0.05923	0.001034	1.77E-06	0.000606	0.060872
5456	488704.63	3858384.05	0.53909	0.21608	0.13292	0.39886	4.89E-02	0.00091	2.5E-06	0.00092	0.05069	6.17E-02	0.001154	2.11E-06	0.000539	6.34E-02	0.060782	0.000992	1.73E-06	0.000573	0.062349
5457	488604.15	3858488.29	0.77901	0.19012	0.12458	0.31628	7.06E-02	0.0008	2.3E-06	0.00073	0.07213	8.91E-02	0.001015	1.98E-06	0.000428	9.05E-02	0.087833	0.000873	1.62E-06	0.000454	0.089162
5458	488605.66	3858550.47	0.95679	0.17627	0.11835	0.27817	8.67E-02	0.00075	2.2E-06	0.00064	0.0881	1.09E-01	0.000941	1.88E-06	0.000376	1.11E-01	0.107878	0.000809	1.54E-06	0.000399	0.109088
5459	488692.68	3858548.71	0.75734	0.17718	0.11835	0.27934	6.86E-02	0.00075	2.2E-06	0.00065	0.07003	8.66E-02	0.000946	1.88E-06	0.000378	8.79E-02	0.08539	0.000814	1.54E-06	0.000401	0.086606
5460	488759.93	3858461.81	0.55595	0.18901	0.12113	0.31992	5.04E-02	0.0008	2.3E-06	0.00074	0.05192	6.36E-02	0.001009	1.93E-06	0.000433	6.50E-02	0.062683	0.000868	1.57E-06	0.000459	0.064012
5461	488816.57	3858541.79	0.57765	0.16151	0.10733	0.25531	5.23E-02	0.00068	2E-06	0.00059	0.05362	6.61E-02	0.000862	1.71E-06	0.000345	6.73E-02	0.06513	0.000742	1.39E-06	0.000367	0.06624
5462	488944.63	3858656.77	0.57922	0.1424	0.09837	0.20738	5.25E-02	0.0006	1.8E-06	0.00048	0.05357	6.63E-02	0.00076	1.56E-06	0.00028	6.73E-02	0.065307	0.000654	1.28E-06	0.000298	0.06626
5463	489134.91	3858830.7	0.4608	0.11952	0.08663	0.16045	4.18E-02	0.00051	1.6E-06	0.00037	0.04264	5.27E-02	0.000638	1.38E-06	0.000217	5.36E-02	0.051955	0.000549	1.12E-06	0.00023	0.052735
5464	489193.99	3858886.05	0.35489	0.11296	0.08296	0.14887	3.22E-02	0.00048	1.6E-06	0.00034	0.03299	4.06E-02	0.000603	1.32E-06	0.000201	4.14E-02	0.040014	0.000519	1.08E-06	0.000214	0.040747
5465	489295.2	3858954.34	0.25589	0.10941	0.08127	0.1415	2.32E-02	0.00046	1.5E-06	0.00033	0.02398	2.93E-02	0.000584	1.29E-06	0.000191	3.00E-02	0.028852	0.000502	1.05E-06	0.000203	0.029558
5466	489295.64	3858992.74	0.22887	0.10558	0.07871	0.13566	2.07E-02	0.00045	1.5E-06	0.00031	0.0215	2.62E-02	0.000564	1.25E-06	0.000183	2.69E-02	0.025805	0.000485	1.02E-06	0.000195	0.026486
5467	489183.74	3858911.72	0.33579	0.11289	0.08252	0.14829	3.04E-02	0.00048	1.5E-06	0.00034	0.03125	3.84E-02	0.000603	1.31E-06	0.000201	3.92E-02	0.03786	0.000518	1.07E-06	0.000213	0.038593
5468	488873.37	3858625.59	0.62338	0.15077	0.10182	0.22548	5.65E-02	0.00064	1.9E-06	0.00052	0.05765	7.13E-02	0.000805	1.62E-06	0.000305	7.24E-02	0.070286	0.000692	1.32E-06	0.000324	0.071303
5469	488842.84	3858658.69	0.72863	0.15702	0.10819	0.22944	6.60E-02	0.00066	2E-06	0.00053	0.06723	8.33E-02	0.000838	1.72E-06	0.00031	8.45E-02	0.082153	0.000721	1.4E-06	0.000329	0.083205
5470	488856.39	3858670.93	0.72939	0.15521	0.10728	0.22496	6.61E-02	0.00066	2E-06	0.00052	0.06728	8.34E-02	0.000829	1.71E-06	0.000304	8.46E-02	0.082238	0.000713	1.39E-06	0.000323	0.083276
5471	488805.7	3858724.5	1.02865	0.14811	0.10432	0.21051	9.32E-02	0.00063	2E-06	0.00049	0.09433	1.18E-01	0.000791	1.66E-06	0.000285	1.19E-01	0.11598	0.00068	1.35E-06	0.000302	0.116964
5472	488805.87	3858804.16	1.71547	0.13645	0.09822	0.18937	1.55E-01	0.00058	1.8E-06	0.00044	0.15648	1.96E-01	0.000729	1.56E-06	0.000256	1.97E-01	0.193419	0.000627	1.27E-06	0.000272	0.194319
5473	488995.78	3858936.96	0.39131	0.12251	0.09048	0.16263	3.55E-02	0.00052	1.7E-06	0.00038	0.03636	4.48E-02	0.000654	1.44E-06	0.00022	4.56E-02	0.04412	0.000563	1.17E-06	0.000234	0.044917
5474	489130.76	3859017.38	0.23047	0.11517	0.0862	0.14915	2.09E-02	0.00049	1.6E-06	0.00035	0.02172	2.64E-02	0.000615	1.37E-06	0.000202	2.72E-02	0.025985	0.000529	1.12E-06	0.000214	0.02673
5475	489130.92	3859052.24	0.19886	0.11096	0.08375	0.14292	1.80E-02	0.00047	1.6E-06	0.00033	0.01882	2.27E-02	0.000592	1.33E-06	0.000193	2.35E-02	0.022421	0.00051	1.09E-06	0.000205	0.023137
5476	489200.33	3859090.6	0.17636	0.10753	0.08164	0.13741	1.60E-02	0.00045	1.5E-06	0.00032	0.01676	2.02E-02	0.000574	1.3E-06	0.000186	2.09E-02	0.019885	0.000494	1.06E-06	0.000197	0.020577
5477	489296.07	3859143.7	0.15218	0.10051	0.07723	0.12702	1.38E-02	0.00043	1.4E-06	0.00029	0.01451	1.74E-02	0.000537	1.23E-06	0.000172	1.81E-02	0.017158	0.000462	1E-06	0.000182	0.017803
5478	489296.43	3858954.74	0.2554	0.10948	0.08132	0.14158	2.31E-02	0.00046	1.5E-06	0.00033	0.02394	2.92E-02	0.000585	1.29E-06	0.000191	3.00E-02	0.028796	0.000503	1.06E-06	0.000203	0.029503
5479	489410.33	3859033.19	0.19698	0.10703	0.08006	0.13596	1.79E-02	0.00045	1.5E-06	0.00031	0.01862	2.25E-02	0.000571	1.27E-06	0.000184	2.33E-02	0.022209	0.000492	1.04E-06	0.000195	0.022897
5480	489371.37	3859089.8	0.17445	0.10327	0.07814	0.13042	1.58E-02	0.00044	1.5E-06	0.0003	0.01655	2.00E-02	0.000551	1.24E-06	0.000176	2.07E-02	0.019669	0.000474	1.01E-06	0.000187	0.020332
5481	489390.52	3859102.82	0.16881	0.10251	0.0777	0.12915	1.53E-02	0.00043	1.5E-06	0.0003	0.01603	1.93E-02	0.000547	1.23E-06	0.000175	2.00E-02	0.019033	0.000471	1.01E-06	0.000185	0.019691
5482	489382.3	3859114.53	0.16477	0.10234	0.07777	0.12882	1.49E-02	0.00043	1.5E-06	0.0003	0.01566	1.88E-02	0.000546	1.24E-06	0.000174	1.96E-02	0.018578	0.00047	1.01E-06	0.000185	0.019234
5483	489363.04	3859102.45	0.16979	0.10318	0.07828	0.13015	1.54E-02	0.00044	1.5E-06	0.0003	0.01613	1.94E-02	0.000551	1.24E-06	0.000176	2.01E-02	0.019144	0.000474	1.02E-06	0.000187	0.019806
5484	489337.52	3859140.71	0.15524	0.10168	0.07783	0.12822	1.41E-02	0.00043	1.5E-06	0.0003	0.0148	1.78E-02	0.000543	1.24E-06	0.000173	1.85E-02	0.017503	0.000467	1.01E-06	0.000184	0.018155
5485	489375.14	3859164.55	0.14756	0.1001	0.07685	0.12568	1.34E-02	0.00042	1.4E-06	0.00029	0.01409	1.69E-02	0.000534	1.22E-06	0.00017	1.76E-02	0.016637	0.00046	9.98E-07	0.00018	0.017279
5486	489409.3	3859114.5	0.1641	0.1018	0.07729	0.12798	1.49E-02	0.00043	1.4E-06	0.0003	0.0156	1.88E-02	0.000544	1.23E-06	0.000173	1.95E-02	0.018502	0.000468	1E-06	0.000184	0.019155

5487	489434.87	3859131.81	0.15777	0.10083	0.07673	0.1263	1.43E-02	0.00043	1.4E-06	0.00029	0.01502	1.80E-02	0.000538	1.22E-06	0.000171	1.88E-02	0.017789	0.000463	9.96E-07	0.000181	0.018434
5488	489471.87	3859075.75	0.17622	0.10475	0.07875	0.13185	1.60E-02	0.00044	1.5E-06	0.00031	0.01672	2.02E-02	0.000559	1.25E-06	0.000178	2.09E-02	0.019869	0.000481	1.02E-06	0.000189	0.02054
5489	489602.62	3859164.69	0.14597	0.09918	0.0754	0.12294	1.32E-02	0.00042	1.4E-06	0.00028	0.01393	1.67E-02	0.00053	1.2E-06	0.000166	1.74E-02	0.016458	0.000455	9.79E-07	0.000177	0.017091
5490	489558.29	3859232.45	0.1305	0.09503	0.07335	0.11726	1.18E-02	0.0004	1.4E-06	0.00027	0.0125	1.49E-02	0.000507	1.17E-06	0.000159	1.56E-02	0.014714	0.000436	9.52E-07	0.000168	0.01532
5491	489620.11	3859273.56	0.1223	0.09245	0.07174	0.11359	1.11E-02	0.00039	1.3E-06	0.00026	0.01174	1.40E-02	0.000494	1.14E-06	0.000154	1.46E-02	0.013789	0.000425	9.31E-07	0.000163	0.014378
5492	489666.06	3859206.42	0.13558	0.09642	0.07369	0.11888	1.23E-02	0.00041	1.4E-06	0.00028	0.01297	1.55E-02	0.000515	1.17E-06	0.000161	1.62E-02	0.015287	0.000443	9.57E-07	0.000171	0.015901
5493	489787.9	3859285.65	0.12003	0.09142	0.07052	0.11157	1.09E-02	0.00039	1.3E-06	0.00026	0.01152	1.37E-02	0.000488	1.12E-06	0.000151	1.44E-02	0.013533	0.00042	9.15E-07	0.00016	0.014114
5494	489752.17	3859343.13	0.1111	0.08824	0.06897	0.1074	1.01E-02	0.00037	1.3E-06	0.00025	0.01069	1.27E-02	0.000471	1.1E-06	0.000145	1.33E-02	0.012526	0.000405	8.95E-07	0.000154	0.013087
5495	489814.94	3859385.33	0.10536	0.08582	0.0674	0.10398	9.55E-03	0.00036	1.3E-06	0.00024	0.01015	1.21E-02	0.000458	1.07E-06	0.000141	1.27E-02	0.011879	0.000394	8.75E-07	0.000149	0.012424
5496	489853.42	3859330.74	0.1129	0.08866	0.06876	0.10768	1.02E-02	0.00038	1.3E-06	0.00025	0.01086	1.29E-02	0.000473	1.09E-06	0.000146	1.35E-02	0.012729	0.000407	8.93E-07	0.000155	0.013292
5497	489969.5	3859401.91	0.10342	0.08453	0.06604	0.10195	9.37E-03	0.00036	1.2E-06	0.00024	0.00997	1.18E-02	0.000451	1.05E-06	0.000138	1.24E-02	0.011661	0.000388	8.57E-07	0.000146	0.012196
5498	490166.91	3859486.96	0.09405	0.07972	0.06258	0.09581	8.52E-03	0.00034	1.2E-06	0.00022	0.00908	1.08E-02	0.000426	9.95E-07	0.00013	1.13E-02	0.010604	0.000366	8.12E-07	0.000138	0.011109
5499	490128.86	3859571.46	0.08609	0.07532	0.06028	0.09036	7.80E-03	0.00032	1.1E-06	0.00021	0.00833	9.85E-03	0.000402	9.58E-07	0.000122	1.04E-02	0.009707	0.000346	7.82E-07	0.00013	0.010183
5500	490186.65	3859593.65	0.08438	0.07423	0.05944	0.08887	7.65E-03	0.00031	1.1E-06	0.00021	0.00817	9.65E-03	0.000396	9.45E-07	0.00012	1.02E-02	0.009514	0.000341	7.72E-07	0.000128	0.009983
5501	490223.74	3859517.48	0.09116	0.07814	0.06149	0.0937	8.26E-03	0.00033	1.2E-06	0.00022	0.00881	1.04E-02	0.000417	9.77E-07	0.000127	1.10E-02	0.010278	0.000359	7.98E-07	0.000135	0.010772
5502	490846.34	3859817.22	0.07109	0.0662	0.05284	0.07686	6.44E-03	0.00028	9.9E-07	0.00018	0.0069	8.13E-03	0.000353	8.4E-07	0.000104	8.59E-03	0.008015	0.000304	6.86E-07	0.00011	0.00843
5503	490925.65	3859844.59	0.06982	0.06543	0.05219	0.07539	6.33E-03	0.00028	9.8E-07	0.00017	0.00678	7.99E-03	0.000349	8.29E-07	0.000102	8.44E-03	0.007872	0.0003	6.77E-07	0.000108	0.008282
5504	491159.29	3859896.28	0.06696	0.06384	0.05064	0.07426	6.07E-03	0.00027	9.5E-07	0.00017	0.00651	7.66E-03	0.000341	8.05E-07	0.0001	8.10E-03	0.00755	0.000293	6.57E-07	0.000107	0.00795
5505	491370.69	3859960.89	0.0636	0.0614	0.0487	0.07208	5.76E-03	0.00026	9.1E-07	0.00017	0.00619	7.27E-03	0.000328	7.74E-07	9.75E-05	7.70E-03	0.007171	0.000282	6.32E-07	0.000104	0.007557
5506	491330.28	3860063.17	0.05879	0.05635	0.04578	0.06644	5.33E-03	0.00024	8.6E-07	0.00015	0.00572	6.72E-03	0.000301	7.28E-07	8.98E-05	7.12E-03	0.006629	0.000259	5.94E-07	9.54E-05	0.006983
5507	491636.45	3860180.75	0.05485	0.05351	0.04348	0.06272	4.97E-03	0.00023	8.1E-07	0.00015	0.00534	6.27E-03	0.000286	6.91E-07	8.48E-05	6.64E-03	0.006184	0.000246	5.64E-07	9.01E-05	0.006521
5508	491617.94	3860203.93	0.05395	0.05253	0.04292	0.06159	4.89E-03	0.00022	8E-07	0.00014	0.00525	6.17E-03	0.00028	6.82E-07	8.33E-05	6.54E-03	0.006083	0.000241	5.57E-07	8.84E-05	0.006413
5509	491805.68	3860271.59	0.0519	0.05102	0.04166	0.0597	4.70E-03	0.00022	7.8E-07	0.00014	0.00506	5.94E-03	0.000272	6.62E-07	8.07E-05	6.29E-03	0.005852	0.000234	5.41E-07	8.57E-05	0.006172
5510	491654.23	3860414.02	0.04691	0.04575	0.03858	0.0532	4.25E-03	0.00019	7.2E-07	0.00012	0.00457	5.37E-03	0.000244	6.13E-07	7.19E-05	5.68E-03	0.005289	0.00021	5.01E-07	7.64E-05	0.005576
5511	491592.62	3860510.76	0.04453	0.04404	0.03752	0.05141	4.04E-03	0.00019	7E-07	0.00012	0.00434	5.09E-03	0.000235	5.96E-07	6.95E-05	5.40E-03	0.005021	0.000202	4.87E-07	7.38E-05	0.005297
5512	491475.41	3860368.93	0.04792	0.04687	0.03954	0.05502	4.34E-03	0.0002	7.4E-07	0.00013	0.00467	5.48E-03	0.00025	6.28E-07	7.44E-05	5.81E-03	0.005403	0.000215	5.13E-07	7.9E-05	0.005698
5513	491445.61	3860337.28	0.04876	0.04756	0.04004	0.05589	4.42E-03	0.0002	7.5E-07	0.00013	0.00475	5.58E-03	0.000254	6.36E-07	7.56E-05	5.91E-03	0.005498	0.000218	5.2E-07	8.03E-05	0.005797
5514	491399.05	3860300.37	0.04988	0.04851	0.04073	0.05703	4.52E-03	0.00021	7.6E-07	0.00013	0.00486	5.71E-03	0.000259	6.47E-07	7.71E-05	6.04E-03	0.005624	0.000223	5.29E-07	8.19E-05	0.005929
5515	491228.84	3860235.98	0.05179	0.05021	0.04211	0.05919	4.69E-03	0.00021	7.9E-07	0.00014	0.00504	5.92E-03	0.000268	6.69E-07	8E-05	6.27E-03	0.005839	0.000231	5.47E-07	8.5E-05	0.006155
5516	491228.47	3860174.57	0.05393	0.05187	0.04318	0.06115	4.89E-03	0.00022	8.1E-07	0.00014	0.00525	6.17E-03	0.000277	6.86E-07	8.27E-05	6.53E-03	0.006081	0.000238	5.6E-07	8.78E-05	0.006407
5517	491145.77	3860112.55	0.05632	0.05383	0.04459	0.0634	5.10E-03	0.00023	8.3E-07	0.00015	0.00548	6.44E-03	0.000287	7.09E-07	8.57E-05	6.82E-03	0.00635	0.000247	5.79E-07	9.1E-05	0.006689
5518	490844.41	3859966.22	0.0627	0.05906	0.04854	0.06903	5.68E-03	0.00025	9.1E-07	0.00016	0.00609	7.17E-03	0.000315	7.71E-07	9.33E-05	7.58E-03	0.007069	0.000271	6.3E-07	9.91E-05	0.00744
5519	490845.55	3859928.15	0.06432	0.0601	0.04916	0.07019	5.83E-03	0.00025	9.2E-07	0.00016	0.00625	7.36E-03	0.000321	7.81E-07	9.49E-05	7.77E-03	0.007252	0.000276	6.38E-07	0.000101	0.007629
5520	490046.91	3859625.6	0.08081	0.0724	0.05872	0.08693	7.32E-03	0.00031	1.1E-06	0.0002	0.00783	9.24E-03	0.000387	9.33E-07	0.000118	9.75E-03	0.009111	0.000332	7.62E-07	0.000125	0.009569
5521	489970.48	3859589.4	0.08361	0.07434	0.0601	0.08942	7.58E-03	0.00031	1.1E-06	0.00021	0.0081	9.56E-03	0.000397	9.55E-07	0.000121	1.01E-02	0.009427	0.000341	7.8E-07	0.000128	0.009898
5522	489865.89	3859529.06	0.08846	0.07728	0.06213	0.09315	8.02E-03	0.00033	1.2E-06	0.00022	0.00856	1.01E-02	0.000413	9.87E-07	0.000126	1.07E-02	0.009974	0.000355	8.06E-07	0.000134	0.010463
5523	489826.89	3859531.74	0.08868	0.07794	0.06265	0.09413	8.04E-03	0.00033	1.2E-06	0.00022	0.00859	1.01E-02	0.000416	9.96E-07	0.000127	1.07E-02	0.009999	0.000358	8.13E-07	0.000135	0.010493
5524	489410.47	3859303.06	0.11476	0.09015	0.0708	0.11195	1.04E-02	0.00038	1.3E-06	0.00026	0.01104	1.31E-02	0.000481	1.13E-06	0.000151	1.38E-02	0.012939	0.000414	9.19E-07	0.000161	0.013515
5525	489407.15	3859286.09	0.11705	0.09066	0.07109	0.11269	1.06E-02	0.00038	1.3E-06	0.00026	0.01125	1.34E-02	0.000484	1.13E-06	0.000152	1.40E-02	0.013197	0.000416	9.23E-07	0.000162	0.013776
5526	488806.07	3858963.62	0.29344	0.11776	0.08785	0.15753	2.66E-02	0.0005	1.6E-06	0.00036	0.02746	3.36E-02	0.000629	1.4E-06	0.000213	3.44E-02	0.033085	0.000541	1.14E-06	0.000226	0.033853
5527	488817.64	3859546.3	0.09025	0.0769	0.0626	0.09478	8.18E-03	0.00033	1.2E-06	0.00022	0.00872	1.03E-02	0.000411	9.95E-07	0.000128	1.09E-02	0.010176	0.000353	8.13E-07	0.000136	0.010666
5528	489187.25	3859549.52	0.0916	0.07892	0.06381	0.09677	8.30E-03	0.00033	1.2E-06	0.00022	0.00886	1.05E-02	0.000421	1.01E-06	0.000131	1.10E-02	0.010328	0.000362	8.28E-07	0.000139	0.01083
5529	489187.66	3859523.74	0.09386	0.08021	0.06469	0.09855	8.51E-03	0.00034	1.2E-06	0.00023	0.00907	1.07E-02	0.000428	1.03E-06	0.000133	1.13E-02	0.010583	0.000368	8.4E-07	0.000142	0.011093
5530	489232.59	3859522.85	0.09074	0.07651	0.06209	0.09367	8.22E-03	0.00032	1.2E-06	0.00022	0.00876	1.04E-02	0.000409	9.87E-07	0.000127	1.09E-02	0.010231	0.000351	8.06E-07	0.000135	0.010718
5531	489224.98	3859759.91	0.07635	0.06898	0.05695	0.08345	6.92E-03	0.00029	1.1E-06	0.00019	0.00741	8.73E-03	0.000368	9.05E-07	0.000113	9.21E-03	0.008608	0.000317	7.39E-07	0.00012	0.009046
5532	488401.39	3859763.34	0.0737	0.06279	0.05523	0.07991	6.68E-03	0.00027	1E-06	0.00019	0.00713	8.43E-03	0.000335	8.78E-07	0.000108	8.87E-03	0.00831	0.000288	7.17E-07	0.000115	0.008713
5533	488405.51	3859966.16	0.06389	0.05589	0.05001	0.07026	5.79E-03	0.00024	9.4E-07	0.00016	0.00619	7.31E-03	0.000298	7.95E-07	9.5E-05	7.70E-03	0.007204	0.000257	6.49E-07	0.000101	0.007562
5534	489202.85	3859956.57	0.06637	0.06154	0.05184	0.07377	6.01E-03	0.00026	9.7E-07	0.00017	0.00645	7.59E-03	0.000329	8.24E-07	9.97E-05	8.02E-03	0.007483	0.000283	6.73E-07	0.000106	0.007872
5535	489191.9	3860676.74	0.04376	0.04168	0.03759	0.04905	3.97E-03	0.00018	7E-07	0.00011	0.00426	5.01E-03	0.000223	5.97E-07	6.63E-05	5.29E-03	0.004934	0.000191	4.88E-07	7.04E-05	0.005196
5536	488392.82	3860687.88	0.04312	0.04058	0.03652	0.04763	3.91E-03	0.00017	6.8E-07	0.00011	0.00419	4.93E-03	0.000217	5.8E-07	6.44E-05	5.21E-03	0.004862	0.000186	4.74E-07	6.84E-05	0.005117
5537	488392.82	3860760.27	0.04196	0.03974	0.03572	0.04614	3.80E-03	0.00017	6.7E-07	0.00011	0.00408	4.80E-03	0.000212	5.68E-07	6.24E-05	5.07E-03	0.004731	0.000183	4.64E-07	6.63E-05	0.00498
5538	487549.05	3860777.45	0.04073	0.03523	0.03499	0.0446	3.69E-03	0.00015	6.6E-07	0.0001	0.00394	4.66E-03	0.000188	5.56E-07	6.03E-05	4.91E-03	0.004592	0.000162	4.54E-07	6.4E-05	0.004819
5539	487554.62	3859571.83	0.07907	0.06732	0.05952	0.08975	7.17E-03	0.00028	1.1E-06	0.00021	0.00766	9.04E-03	0.000359	9.46E-07	0.000121	9.53E-03	0.008915	0.000309	7.73E-07	0.000129	0.009354
5540	485949.46	3859558.54	0.06747	0.07129	0.06039	0.08145	6.11E-03	0.0003	1.1E-06	0.00019	0.00661	7.72E-03	0.000381	9.6E-07	0.00011	8.21E-03	0.007607	0.000327	7.84E-07	0.000117	0.008052
5541	485947.55	3857943.61	0.18518	0.21542	0.18321	0.25548	1.68E-02	0.00091	3.4E-06	0.00059	0.01829	2.12E-02	0.00115	2.91E-06	0.000345	2.27E-02	0.020879	0.000989	2.38E-06	0.000367	0.022238
5542	484738.38	3857940.21	0.1208	0.10137	0.13212	0.15141	1.09E-02	0.00043	2.5E-06	0.00035	0.01173	1.38E-02	0.000541	2.1E-06	0.000205	1.46E-02	0.01362	0.000466	1.71E-06	0.000217	0.014305
5543	484737.06	3857535.68	0.14884	0.11228	0.16798	0.18741	1.35E-02	0.00048	3.1E-06	0.00043	0.0144	1.70E-02	0.0006	2.67E-06	0.000253	1.79E-02	0.016782	0.000516	2.18E-06	0.000269	0.017569
5544	483730.2	3857530.13	0.10655	0.08779	0.11761	0.12048	9.66E-03	0.00037	2.2E-06	0.00028	0.01031	1.22E-02	0.000469	1.87E-06	0.000163	1.28E-02	0.012013	0.000403	1.53E-06	0.000173	0.012591
5545	483727.27	3857130.01	0.12467	0.10187	0.13884	0.13864	1.13E-02	0.00043	2.6E-06	0.00032	0.01205	1.43E-02	0.000544	2.21E-06	0.000187	1.50E-02	0.014056	0.000468	1.8E-06	0.000199	0.014725
5546	483124.42	3857123.45	0.10064	0.09146	0.10831	0.10401	9.12E-03	0.00039	2E-06	0.00024	0.00975	1.15E-02	0.000488	1.72E-06	0.000141	1.21E-02	0.011347	0.00042	1.41E-06	0.000149	0.011918
5547	483111.13	3855921.03	0.14708	0.15127	0.14977	0.12271	1.33E-02	0.00064	2.8E-06	0.00028	0.01426	1.68E-02	0.000808	2.38E-06	0.000166	1.78E-02	0.016583	0.000695	1.94E-06	0.000176	0.017456

5548	482701.73	3855918.24	0.1205	0.13112	0.11932	0.09699	1.09E-02	0.00055	2.2E-06	0.00022	0.0117	1.38E-02	0.0007	1.9E-06	0.000131	1.46E-02	0.013586	0.000602	1.55E-06	0.000139	0.014329
5549	482668.02	3853521.78	0.12968	0.05795	0.04767	0.03024	1.18E-02	0.00025	8.9E-07	7E-05	0.01207	1.48E-02	0.000309	7.58E-07	4.09E-05	1.52E-02	0.014621	0.000266	6.19E-07	4.34E-05	0.014932
5550	482579.91	3853219.19	0.0672	0.05118	0.04414	0.02949	6.09E-03	0.00022	8.3E-07	6.8E-05	0.00638	7.69E-03	0.000273	7.02E-07	3.99E-05	8.00E-03	0.007577	0.000235	5.73E-07	4.23E-05	0.007855
5551	482434.06	3852961.94	0.05357	0.0449	0.04123	0.02899	4.85E-03	0.00019	7.7E-07	6.7E-05	0.00511	6.13E-03	0.00024	6.55E-07	3.92E-05	6.41E-03	0.00604	0.000206	5.35E-07	4.16E-05	0.006288
5552	482332.11	3852832.85	0.04891	0.04184	0.03927	0.02821	4.43E-03	0.00018	7.4E-07	6.5E-05	0.00468	5.59E-03	0.000223	6.24E-07	3.81E-05	5.86E-03	0.005515	0.000192	5.1E-07	4.05E-05	0.005748
5553	481334.99	3851818.96	0.02918	0.02666	0.0266	0.02012	2.64E-03	0.00011	5E-07	4.7E-05	0.0028	3.34E-03	0.000142	4.23E-07	2.72E-05	3.51E-03	0.00329	0.000122	3.45E-07	2.89E-05	0.003442
5554	481127.62	3851646.36	0.02715	0.02495	0.02486	0.0188	2.46E-03	0.00011	4.7E-07	4.4E-05	0.00261	3.11E-03	0.000133	3.95E-07	2.54E-05	3.26E-03	0.003061	0.000115	3.23E-07	2.7E-05	0.003203
5555	481025.04	3851591.73	0.02635	0.02425	0.02401	0.01796	2.39E-03	0.0001	4.5E-07	4.2E-05	0.00253	3.01E-03	0.000129	3.82E-07	2.43E-05	3.17E-03	0.002971	0.000111	3.12E-07	2.58E-05	0.003108
5556	480513.6	3851335.76	0.02237	0.02019	0.01984	0.01374	2.03E-03	8.5E-05	3.7E-07	3.2E-05	0.00214	2.56E-03	0.000108	3.15E-07	1.86E-05	2.69E-03	0.002522	9.27E-05	2.58E-07	1.97E-05	0.002635
5557	480523.56	3851317.66	0.02244	0.02034	0.02	0.01397	2.03E-03	8.6E-05	3.7E-07	3.2E-05	0.00215	2.57E-03	0.000109	3.18E-07	1.89E-05	2.69E-03	0.00253	9.34E-05	2.6E-07	2.01E-05	0.002644
5558	476921.56	3849569.11	0.01013	0.00901	0.00997	0.00728	9.18E-04	3.8E-05	1.9E-07	1.7E-05	0.00097	1.16E-03	4.81E-05	1.58E-07	9.84E-06	1.22E-03	0.001142	4.14E-05	1.29E-07	1.05E-05	0.001194
5559	476521.19	3849373.96	0.0094	0.00853	0.00926	0.00684	8.52E-04	3.6E-05	1.7E-07	1.6E-05	0.0009	1.08E-03	4.55E-05	1.47E-07	9.25E-06	1.13E-03	0.00106	3.92E-05	1.2E-07	9.82E-06	0.001109
5560	476391.45	3849333.38	0.0093	0.00846	0.00916	0.00679	8.43E-04	3.6E-05	1.7E-07	1.6E-05	0.00089	1.06E-03	4.52E-05	1.46E-07	9.18E-06	1.12E-03	0.001049	3.89E-05	1.19E-07	9.75E-06	0.001097
5561	476219.41	3849304.29	0.00922	0.00842	0.00907	0.00676	8.36E-04	3.6E-05	1.7E-07	1.6E-05	0.00089	1.05E-03	4.5E-05	1.44E-07	9.14E-06	1.11E-03	0.00104	3.87E-05	1.18E-07	9.71E-06	0.001088
5562	475679.11	3849218.47	0.00879	0.00823	0.00862	0.00642	7.97E-04	3.5E-05	1.6E-07	1.5E-05	0.00085	1.01E-03	4.39E-05	1.37E-07	8.68E-06	1.06E-03	0.000991	3.78E-05	1.12E-07	9.22E-06	0.001038
5563	475677.71	3849233.88	0.00885	0.00828	0.00867	0.00648	8.02E-04	3.5E-05	1.6E-07	1.5E-05	0.00085	1.01E-03	4.42E-05	1.38E-07	8.76E-06	1.07E-03	0.000998	3.8E-05	1.13E-07	9.31E-06	0.001045
5564	475492.74	3849204.66	0.00801	0.00777	0.00792	0.00547	7.26E-04	3.3E-05	1.5E-07	1.3E-05	0.00077	9.16E-04	4.15E-05	1.26E-07	7.4E-06	9.65E-04	0.000903	3.57E-05	1.03E-07	7.86E-06	0.000947
5565	475497.64	3849158.75	0.0082	0.00788	0.00808	0.00576	7.43E-04	3.3E-05	1.5E-07	1.3E-05	0.00079	9.38E-04	4.21E-05	1.28E-07	7.79E-06	9.88E-04	0.000925	3.62E-05	1.05E-07	8.27E-06	0.000969
5566	475391.35	3849141.94	0.0084	0.008	0.00825	0.00605	7.61E-04	3.4E-05	1.5E-07	1.4E-05	0.00081	9.61E-04	4.27E-05	1.31E-07	8.18E-06	1.01E-03	0.000947	3.67E-05	1.07E-07	8.69E-06	0.000993
5567	475277	3849095.47	0.00837	0.00796	0.00821	0.00608	7.59E-04	3.4E-05	1.5E-07	1.4E-05	0.00081	9.57E-04	4.25E-05	1.3E-07	8.22E-06	1.01E-03	0.000944	3.66E-05	1.07E-07	8.73E-06	0.000989
5568	475183.93	3849025.66	0.0082	0.00781	0.00806	0.00596	7.43E-04	3.3E-05	1.5E-07	1.4E-05	0.00079	9.38E-04	4.17E-05	1.28E-07	8.06E-06	9.88E-04	0.000925	3.59E-05	1.05E-07	8.56E-06	0.000969
5569	474453.23	3848378.77	0.00709	0.00671	0.00699	0.00521	6.43E-04	2.8E-05	1.3E-07	1.2E-05	0.00068	8.11E-04	3.58E-05	1.11E-07	7.04E-06	8.54E-04	0.000799	3.08E-05	9.07E-08	7.48E-06	0.000838
5570	474569.63	3848399.34	0.00705	0.0067	0.00698	0.00516	6.39E-04	2.8E-05	1.3E-07	1.2E-05	0.00068	8.06E-04	3.58E-05	1.11E-07	6.98E-06	8.49E-04	0.000795	3.08E-05	9.06E-08	7.41E-06	0.000833
5571	474644.33	3848464.52	0.00717	0.00681	0.00709	0.00525	6.50E-04	2.9E-05	1.3E-07	1.2E-05	0.00069	8.20E-04	3.64E-05	1.13E-07	7.1E-06	8.64E-04	0.000808	3.13E-05	9.2E-08	7.54E-06	0.000847
5572	474719.04	3848529.7	0.00728	0.00692	0.00719	0.00532	6.60E-04	2.9E-05	1.3E-07	1.2E-05	0.0007	8.33E-04	3.69E-05	1.14E-07	7.19E-06	8.77E-04	0.000821	3.18E-05	9.33E-08	7.64E-06	0.00086
5573	474793.74	3848594.88	0.00735	0.00699	0.00726	0.00533	6.66E-04	3E-05	1.4E-07	1.2E-05	0.00071	8.41E-04	3.73E-05	1.15E-07	7.21E-06	8.85E-04	0.000829	3.21E-05	9.42E-08	7.65E-06	0.000869
5574	474868.45	3848660.07	0.00737	0.00705	0.00729	0.0053	6.68E-04	3E-05	1.4E-07	1.2E-05	0.00071	8.43E-04	3.76E-05	1.16E-07	7.17E-06	8.88E-04	0.000831	3.24E-05	9.46E-08	7.61E-06	0.000871
5575	474943.15	3848725.25	0.00745	0.00713	0.00736	0.00533	6.75E-04	3E-05	1.4E-07	1.2E-05	0.00072	8.52E-04	3.81E-05	1.17E-07	7.21E-06	8.98E-04	0.00084	3.27E-05	9.55E-08	7.65E-06	0.00088
5576	475017.86	3848790.43	0.00759	0.00726	0.00749	0.00543	6.88E-04	3.1E-05	1.4E-07	1.3E-05	0.00073	8.68E-04	3.88E-05	1.19E-07	7.34E-06	9.14E-04	0.000856	3.33E-05	9.72E-08	7.8E-06	0.000897
5577	475092.56	3848855.61	0.00776	0.00741	0.00765	0.00558	7.03E-04	3.1E-05	1.4E-07	1.3E-05	0.00075	8.88E-04	3.96E-05	1.22E-07	7.54E-06	9.35E-04	0.000875	3.4E-05	9.93E-08	8.01E-06	0.000917
5578	475232.58	3848959.38	0.008	0.00762	0.00787	0.00576	7.25E-04	3.2E-05	1.5E-07	1.3E-05	0.00077	9.15E-04	4.07E-05	1.25E-07	7.79E-06	9.64E-04	0.000902	3.5E-05	1.02E-07	8.27E-06	0.000945
5579	475368.47	3849029.98	0.00809	0.00772	0.00797	0.0058	7.33E-04	3.3E-05	1.5E-07	1.3E-05	0.00078	9.25E-04	4.12E-05	1.27E-07	7.84E-06	9.75E-04	0.000912	3.55E-05	1.03E-07	8.33E-06	0.000956
5580	475609.57	3849096.09	0.00815	0.00778	0.00806	0.0058	7.39E-04	3.3E-05	1.5E-07	1.3E-05	0.00079	9.32E-04	4.15E-05	1.28E-07	7.84E-06	9.82E-04	0.000919	3.57E-05	1.05E-07	8.33E-06	0.000963
5581	475680.68	3849116.62	0.00832	0.00789	0.00822	0.006	7.54E-04	3.3E-05	1.5E-07	1.4E-05	0.0008	9.52E-04	4.21E-05	1.31E-07	8.11E-06	1.00E-03	0.000938	3.62E-05	1.07E-07	8.62E-06	0.000983
5582	475843.76	3849151.52	0.00853	0.00801	0.00841	0.0062	7.73E-04	3.4E-05	1.6E-07	1.4E-05	0.00082	9.76E-04	4.28E-05	1.34E-07	8.38E-06	1.03E-03	0.000962	3.68E-05	1.09E-07	8.9E-06	0.001008
5583	475935.73	3849165.89	0.00873	0.0081	0.0086	0.0064	7.91E-04	3.4E-05	1.6E-07	1.5E-05	0.00084	9.99E-04	4.33E-05	1.37E-07	8.65E-06	1.05E-03	0.000984	3.72E-05	1.12E-07	9.19E-06	0.001031
5584	476027.71	3849180.27	0.00888	0.00816	0.00875	0.00653	8.05E-04	3.5E-05	1.6E-07	1.5E-05	0.00085	1.02E-03	4.36E-05	1.39E-07	8.83E-06	1.07E-03	0.001001	3.75E-05	1.14E-07	9.38E-06	0.001048
5585	476119.68	3849194.64	0.00878	0.00813	0.00866	0.00641	7.96E-04	3.4E-05	1.6E-07	1.5E-05	0.00085	1.00E-03	4.34E-05	1.38E-07	8.67E-06	1.06E-03	0.00099	3.73E-05	1.12E-07	9.21E-06	0.001037
5586	476211.65	3849209.01	0.00879	0.00813	0.00868	0.0064	7.97E-04	3.4E-05	1.6E-07	1.5E-05	0.00085	1.01E-03	4.34E-05	1.38E-07	8.65E-06	1.06E-03	0.000991	3.73E-05	1.13E-07	9.19E-06	0.001038
5587	476497.8	3849283.9	0.009	0.00825	0.00888	0.00651	8.16E-04	3.5E-05	1.7E-07	1.5E-05	0.00087	1.03E-03	4.41E-05	1.41E-07	8.8E-06	1.08E-03	0.001015	3.79E-05	1.15E-07	9.35E-06	0.001062
5588	476603.73	3849323.77	0.00913	0.00833	0.00902	0.00661	8.27E-04	3.5E-05	1.7E-07	1.5E-05	0.00088	1.04E-03	4.45E-05	1.43E-07	8.94E-06	1.10E-03	0.001029	3.83E-05	1.17E-07	9.49E-06	0.001077
5589	476728.99	3849382.76	0.00931	0.00845	0.0092	0.00673	8.44E-04	3.6E-05	1.7E-07	1.6E-05	0.0009	1.06E-03	4.51E-05	1.46E-07	9.1E-06	1.12E-03	0.00105	3.88E-05	1.19E-07	9.66E-06	0.001098
5590	476801.27	3849418.65	0.00944	0.00853	0.00932	0.00681	8.55E-04	3.6E-05	1.7E-07	1.6E-05	0.00091	1.08E-03	4.55E-05	1.48E-07	9.21E-06	1.13E-03	0.001064	3.92E-05	1.21E-07	9.78E-06	0.001113
5591	476956.2	3849495.05	0.0097	0.00869	0.00959	0.00698	8.79E-04	3.7E-05	1.8E-07	1.6E-05	0.00093	1.11E-03	4.64E-05	1.52E-07	9.44E-06	1.17E-03	0.001094	3.99E-05	1.24E-07	1E-05	0.001144
5592	477038.84	3849535.56	0.00978	0.00877	0.00966	0.00702	8.86E-04	3.7E-05	1.8E-07	1.6E-05	0.00094	1.12E-03	4.68E-05	1.54E-07	9.49E-06	1.18E-03	0.001103	4.03E-05	1.25E-07	1.01E-05	0.001153
5593	477121.48	3849576.08	0.00992	0.00885	0.0098	0.0071	8.99E-04	3.7E-05	1.8E-07	1.6E-05	0.00095	1.13E-03	4.73E-05	1.56E-07	9.6E-06	1.19E-03	0.001118	4.06E-05	1.27E-07	1.02E-05	0.001169
5594	477204.13	3849616.6	0.00999	0.00893	0.00987	0.00713	9.05E-04	3.8E-05	1.8E-07	1.7E-05	0.00096	1.14E-03	4.77E-05	1.57E-07	9.64E-06	1.20E-03	0.001126	4.1E-05	1.28E-07	1.02E-05	0.001178
5595	477286.78	3849657.12	0.00989	0.00896	0.00978	0.00705	8.96E-04	3.8E-05	1.8E-07	1.6E-05	0.00095	1.13E-03	4.78E-05	1.55E-07	9.53E-06	1.19E-03	0.001115	4.11E-05	1.27E-07	1.01E-05	0.001166
5596	477369.42	3849697.63	0.01023	0.00909	0.0101	0.00726	9.27E-04	3.8E-05	1.9E-07	1.7E-05	0.00098	1.17E-03	4.85E-05	1.61E-07	9.82E-06	1.23E-03	0.001153	4.17E-05	1.31E-07	1.04E-05	0.001206
5597	477452.07	3849738.15	0.0103	0.00916	0.01016	0.0073	9.33E-04	3.9E-05	1.9E-07	1.7E-05	0.00099	1.18E-03	4.89E-05	1.61E-07	9.87E-06	1.24E-03	0.001161	4.21E-05	1.32E-07	1.05E-05	0.001214
5598	477534.71	3849778.67	0.01059	0.00935	0.01043	0.00745	9.60E-04	4E-05	2E-07	1.7E-05	0.00102	1.21E-03	4.99E-05	1.66E-07	1.01E-05	1.27E-03	0.001194	4.29E-05	1.35E-07	1.07E-05	0.001248
5599	477617.35	3849819.18	0.01068	0.00943	0.01051	0.00748	9.68E-04	4E-05	2E-07	1.7E-05	0.00103	1.22E-03	5.04E-05	1.67E-07	1.01E-05	1.28E-03	0.001204	4.33E-05	1.36E-07	1.07E-05	0.001258
5600	477824.74	3849896.37	0.01097	0.00957	0.01075	0.00755	9.94E-04	4E-05	2E-07	1.7E-05	0.00105	1.25E-03	5.11E-05	1.71E-07	1.02E-05	1.32E-03	0.001237	4.39E-05	1.4E-07	1.08E-05	0.001292
5601	477906.31	3849936.37	0.01077	0.00947	0.01056	0.00741	9.76E-04	4E-05	2E-07	1.7E-05	0.00103	1.23E-03	5.06E-05	1.68E-07	1E-05	1.29E-03	0.001214	4.35E-05	1.37E-07	1.06E-05	0.001269
5602	477987.89	3849976.36	0.01101	0.00973	0.01076	0.00751	9.98E-04	4.1E-05	2E-07	1.7E-05	0.00106	1.26E-03	5.2E-05	1.71E-07	1.02E-05	1.32E-03	0.001241	4.47E-05	1.4E-07	1.08E-05	0.001297
5603	478069.47	3850016.36	0.01092	0.00961	0.01067	0.00742	9.90E-04	4.1E-05	2E-07	1.7E-05	0.00105	1.25E-03	5.13E-05	1.7E-07	1E-05	1.31E-03	0.001231	4.41E-05	1.39E-07	1.07E-05	0.001286
5604	478151.04	3850056.35	0.01087	0.00963	0.01059	0.00733	9.85E-04	4.1E-05	2E-07	1.7E-05	0.00104	1.24E-03	5.14E-05	1.68E-07	9.91E-06	1.30E-03	0.001226	4.42E-05	1.37E-07	1.05E-05	0.00128
5605	478232.62	3850096.35	0.01102	0.00973	0.01071	0.00737	9.99E-04	4.1E-05	2E-07	1.7E-05	0.00106	1.26E-03	5.2E-05	1.7E-07	9.97E-06	1.32E-03	0.001243	4.47E-05	1.39E-07	1.06E-05	0.001298
5606	478314.2	3850136.34	0.0112	0.00984	0.01085	0.00742	1.01E-03	4.2E-05	2E-07	1.7E-05	0.00107	1.28E-03	5.25E-05	1.72E-07	1E-05	1.34E-03	0.001263	4.52E-05	1.41E-07	1.07E-05	0.001319
5607	478395.77	3850176.34	0.01141	0.00997	0.011	0.00747	1.03E-03	4.2E-05	2.1E-07	1.7E-05	0.00109	1.31E-03	5.32E-05	1.75E-07	1.01E-05	1.37E-03	0.001286	4.58E-05	1.43E-07	1.07E-05	0.001343
5608	478575.43	3850244.45	0.01189	0.01027	0.01133	0.00754	1.08E-03	4.3E-05	2.1E-07	1.7E-05	0.00114	1.36E-03	5.48E-05	1.8E-07	1.02E-05	1.43E-03	0.001341	4.72E-05	1.47E-07	1.08E-05	0.001399

5609	478665.06	3850287.29	0.0122	0.0107	0.01154	0.00763	1.11E-03	4.5E-05	2.2E-07	1.8E-05	0.00117	1.40E-03	5.71E-05	1.83E-07	1.03E-05	1.46E-03	0.001376	4.91E-05	1.5E-07	1.1E-05	0.001436
5610	478754.69	3850330.14	0.01254	0.01092	0.01181	0.00774	1.14E-03	4.6E-05	2.2E-07	1.8E-05	0.0012	1.43E-03	5.83E-05	1.88E-07	1.05E-05	1.50E-03	0.001414	5.01E-05	1.53E-07	1.11E-05	0.001475
5611	478844.32	3850372.99	0.01294	0.01117	0.01212	0.00788	1.17E-03	4.7E-05	2.3E-07	1.8E-05	0.00124	1.48E-03	5.96E-05	1.93E-07	1.07E-05	1.55E-03	0.001459	5.13E-05	1.57E-07	1.13E-05	0.001522
5612	478933.95	3850415.84	0.01338	0.01159	0.01245	0.00806	1.21E-03	4.9E-05	2.3E-07	1.9E-05	0.00128	1.53E-03	6.19E-05	1.98E-07	1.09E-05	1.60E-03	0.001509	5.32E-05	1.62E-07	1.16E-05	0.001574
5613	479023.58	3850458.68	0.01365	0.01171	0.01263	0.00813	1.24E-03	5E-05	2.4E-07	1.9E-05	0.00131	1.56E-03	6.25E-05	2.01E-07	1.1E-05	1.63E-03	0.001539	5.38E-05	1.64E-07	1.17E-05	0.001605
5614	479110.66	3850441.9	0.01408	0.01224	0.01291	0.00832	1.28E-03	5.2E-05	2.4E-07	1.9E-05	0.00135	1.61E-03	6.54E-05	2.05E-07	1.12E-05	1.69E-03	0.001588	5.62E-05	1.68E-07	1.19E-05	0.001656
5615	479191.22	3850423.99	0.01446	0.01268	0.01318	0.00853	1.31E-03	5.4E-05	2.5E-07	2E-05	0.00138	1.65E-03	6.77E-05	2.09E-07	1.15E-05	1.73E-03	0.00163	5.82E-05	1.71E-07	1.22E-05	0.001701
5616	479274.32	3850465.71	0.01484	0.01305	0.01348	0.00873	1.34E-03	5.5E-05	2.5E-07	2E-05	0.00142	1.70E-03	6.97E-05	2.14E-07	1.18E-05	1.78E-03	0.001673	5.99E-05	1.75E-07	1.25E-05	0.001746
5617	479357.43	3850507.42	0.01516	0.01344	0.01371	0.00886	1.37E-03	5.7E-05	2.6E-07	2.1E-05	0.00145	1.73E-03	7.18E-05	2.18E-07	1.2E-05	1.82E-03	0.001709	6.17E-05	1.78E-07	1.27E-05	0.001784
5618	479440.53	3850549.14	0.01544	0.01367	0.01393	0.00897	1.40E-03	5.8E-05	2.6E-07	2.1E-05	0.00148	1.77E-03	7.3E-05	2.21E-07	1.21E-05	1.85E-03	0.001741	6.28E-05	1.81E-07	1.29E-05	0.001817
5619	479523.64	3850590.85	0.01581	0.01409	0.01422	0.00914	1.43E-03	6E-05	2.7E-07	2.1E-05	0.00151	1.81E-03	7.52E-05	2.26E-07	1.24E-05	1.90E-03	0.001783	6.47E-05	1.85E-07	1.31E-05	0.001861
5620	479606.74	3850632.57	0.01624	0.01454	0.0146	0.00939	1.47E-03	6.2E-05	2.7E-07	2.2E-05	0.00156	1.86E-03	7.76E-05	2.32E-07	1.27E-05	1.95E-03	0.001831	6.68E-05	1.9E-07	1.35E-05	0.001912
5621	479777.37	3850707.61	0.01717	0.01558	0.01549	0.01	1.56E-03	6.6E-05	2.9E-07	2.3E-05	0.00165	1.96E-03	8.32E-05	2.46E-07	1.35E-05	2.06E-03	0.001936	7.15E-05	2.01E-07	1.44E-05	0.002022
5622	479864.9	3850740.95	0.01776	0.0162	0.01609	0.01048	1.61E-03	6.9E-05	3E-07	2.4E-05	0.0017	2.03E-03	8.65E-05	2.56E-07	1.42E-05	2.13E-03	0.002002	7.44E-05	2.09E-07	1.5E-05	0.002092
5623	479931.87	3850829.56	0.01815	0.01642	0.01637	0.01062	1.64E-03	6.9E-05	3.1E-07	2.5E-05	0.00174	2.08E-03	8.77E-05	2.6E-07	1.44E-05	2.18E-03	0.002046	7.54E-05	2.12E-07	1.53E-05	0.002137
5624	479995.55	3850926.75	0.01854	0.01664	0.01663	0.0108	1.68E-03	7E-05	3.1E-07	2.5E-05	0.00178	2.12E-03	8.88E-05	2.64E-07	1.46E-05	2.22E-03	0.00209	7.64E-05	2.16E-07	1.55E-05	0.002183
5625	480079.78	3850968.64	0.0191	0.01717	0.01716	0.01132	1.73E-03	7.3E-05	3.2E-07	2.6E-05	0.00183	2.18E-03	9.17E-05	2.73E-07	1.53E-05	2.29E-03	0.002154	7.89E-05	2.23E-07	1.63E-05	0.002249
5626	480164.01	3851010.54	0.01965	0.01771	0.01768	0.01188	1.78E-03	7.5E-05	3.3E-07	2.8E-05	0.00188	2.25E-03	9.46E-05	2.81E-07	1.61E-05	2.36E-03	0.002216	8.13E-05	2.29E-07	1.71E-05	0.002314
5627	480248.23	3851052.43	0.0202	0.01826	0.01821	0.01248	1.83E-03	7.7E-05	3.4E-07	2.9E-05	0.00194	2.31E-03	9.75E-05	2.89E-07	1.69E-05	2.43E-03	0.002278	8.39E-05	2.36E-07	1.79E-05	0.00238
5628	480332.46	3851094.33	0.02075	0.01883	0.01876	0.01304	1.88E-03	8E-05	3.5E-07	3E-05	0.00199	2.37E-03	0.000101	2.98E-07	1.76E-05	2.49E-03	0.00234	8.65E-05	2.44E-07	1.87E-05	0.002445
5629	480416.69	3851136.22	0.02128	0.01942	0.01934	0.01353	1.93E-03	8.2E-05	3.6E-07	3.1E-05	0.00204	2.43E-03	0.000104	3.07E-07	1.83E-05	2.56E-03	0.002399	8.92E-05	2.51E-07	1.94E-05	0.002508
5630	480579.95	3851215.17	0.02235	0.02053	0.02051	0.01468	2.03E-03	8.7E-05	3.8E-07	3.4E-05	0.00215	2.56E-03	0.00011	3.26E-07	1.98E-05	2.69E-03	0.00252	9.43E-05	2.66E-07	2.11E-05	0.002636
5631	480658.98	3851252.22	0.02288	0.02103	0.02107	0.01529	2.07E-03	8.9E-05	3.9E-07	3.5E-05	0.0022	2.62E-03	0.000112	3.35E-07	2.07E-05	2.75E-03	0.00258	9.66E-05	2.73E-07	2.2E-05	0.002699
5632	480817.36	3851327.85	0.02385	0.02188	0.02215	0.01642	2.16E-03	9.3E-05	4.1E-07	3.8E-05	0.00229	2.73E-03	0.000117	3.52E-07	2.22E-05	2.87E-03	0.002689	0.0001	2.88E-07	2.36E-05	0.002813
5633	480896.72	3851366.42	0.02429	0.02221	0.02263	0.01689	2.20E-03	9.4E-05	4.2E-07	3.9E-05	0.00233	2.78E-03	0.000119	3.6E-07	2.28E-05	2.92E-03	0.002739	0.000102	2.94E-07	2.43E-05	0.002865
5634	480976.07	3851405	0.02472	0.0225	0.02311	0.01737	2.24E-03	9.5E-05	4.3E-07	4E-05	0.00238	2.83E-03	0.00012	3.67E-07	2.35E-05	2.97E-03	0.002787	0.000103	3E-07	2.49E-05	0.002916
5635	481178	3851487.31	0.02649	0.02397	0.02509	0.0196	2.40E-03	0.0001	4.7E-07	4.5E-05	0.00255	3.03E-03	0.000128	3.99E-07	2.65E-05	3.18E-03	0.002987	0.00011	3.26E-07	2.81E-05	0.003125
5636	481244.9	3851557.17	0.02713	0.02448	0.0256	0.01999	2.46E-03	0.0001	4.8E-07	4.6E-05	0.00261	3.10E-03	0.000131	4.07E-07	2.7E-05	3.26E-03	0.003059	0.000112	3.32E-07	2.87E-05	0.0032
5637	481311.81	3851627.03	0.02781	0.02503	0.02615	0.02036	2.52E-03	0.00011	4.9E-07	4.7E-05	0.00267	3.18E-03	0.000134	4.16E-07	2.75E-05	3.34E-03	0.003136	0.000115	3.39E-07	2.92E-05	0.00328
5638	481378.71	3851696.89	0.02854	0.02562	0.02673	0.02073	2.59E-03	0.00011	5E-07	4.8E-05	0.00274	3.26E-03	0.000137	4.25E-07	2.8E-05	3.43E-03	0.003218	0.000118	3.47E-07	2.98E-05	0.003366
5639	481445.61	3851766.76	0.02931	0.02625	0.02734	0.02114	2.66E-03	0.00011	5.1E-07	4.9E-05	0.00282	3.35E-03	0.00014	4.35E-07	2.86E-05	3.52E-03	0.003305	0.000121	3.55E-07	3.04E-05	0.003456
5640	481512.51	3851836.62	0.03015	0.02696	0.02802	0.02155	2.73E-03	0.00011	5.2E-07	5E-05	0.0029	3.45E-03	0.000144	4.45E-07	2.91E-05	3.62E-03	0.003399	0.000124	3.64E-07	3.09E-05	0.003555
5641	481579.42	3851906.48	0.03105	0.02772	0.02873	0.02197	2.81E-03	0.00012	5.4E-07	5.1E-05	0.00298	3.55E-03	0.000148	4.57E-07	2.97E-05	3.73E-03	0.003501	0.000127	3.73E-07	3.16E-05	0.00366
5642	481646.32	3851976.34	0.032	0.0285	0.02946	0.02242	2.90E-03	0.00012	5.5E-07	5.2E-05	0.00307	3.66E-03	0.000152	4.68E-07	3.03E-05	3.84E-03	0.003608	0.000131	3.82E-07	3.22E-05	0.003771
5643	481713.22	3852046.2	0.03302	0.0294	0.03028	0.02274	2.99E-03	0.00012	5.7E-07	5.3E-05	0.00317	3.78E-03	0.000157	4.81E-07	3.07E-05	3.96E-03	0.003723	0.000135	3.93E-07	3.27E-05	0.003891
5644	481780.12	3852116.06	0.03409	0.03024	0.03106	0.02329	3.09E-03	0.00013	5.8E-07	5.4E-05	0.00327	3.90E-03	0.000161	4.94E-07	3.15E-05	4.09E-03	0.003844	0.000139	4.03E-07	3.34E-05	0.004016
5645	481847.03	3852185.92	0.03521	0.03108	0.03184	0.02397	3.19E-03	0.00013	6E-07	5.6E-05	0.00338	4.03E-03	0.000166	5.06E-07	3.24E-05	4.23E-03	0.00397	0.000143	4.13E-07	3.44E-05	0.004147
5646	481913.93	3852255.78	0.03636	0.03194	0.03264	0.02469	3.30E-03	0.00014	6.1E-07	5.7E-05	0.00349	4.16E-03	0.000171	5.19E-07	3.34E-05	4.36E-03	0.0041	0.000147	4.24E-07	3.55E-05	0.004282
5647	481980.83	3852325.65	0.03744	0.0327	0.03336	0.02542	3.39E-03	0.00014	6.2E-07	5.9E-05	0.00359	4.28E-03	0.000175	5.3E-07	3.44E-05	4.49E-03	0.004221	0.00015	4.33E-07	3.65E-05	0.004408
5648	482047.73	3852395.51	0.03874	0.03368	0.03426	0.02608	3.51E-03	0.00014	6.4E-07	6E-05	0.00371	4.43E-03	0.00018	5.44E-07	3.53E-05	4.65E-03	0.004368	0.000155	4.45E-07	3.75E-05	0.00456
5649	482114.64	3852465.37	0.04004	0.03464	0.03514	0.02687	3.63E-03	0.00015	6.6E-07	6.2E-05	0.00384	4.58E-03	0.000185	5.58E-07	3.63E-05	4.80E-03	0.004514	0.000159	4.56E-07	3.86E-05	0.004713
5650	482181.54	3852535.23	0.04162	0.03587	0.03621	0.02752	3.77E-03	0.00015	6.8E-07	6.4E-05	0.00399	4.76E-03	0.000192	5.75E-07	3.72E-05	4.99E-03	0.004693	0.000165	4.7E-07	3.95E-05	0.004897
5651	482338.69	3852700.04	0.04567	0.03896	0.03888	0.02935	4.14E-03	0.00016	7.3E-07	6.8E-05	0.00437	5.22E-03	0.000208	6.18E-07	3.97E-05	5.47E-03	0.005149	0.000179	5.05E-07	4.21E-05	0.005371
5652	482404.05	3852767.78	0.04765	0.0405	0.04019	0.03024	4.32E-03	0.00017	7.5E-07	7E-05	0.00456	5.45E-03	0.000216	6.39E-07	4.09E-05	5.71E-03	0.005373	0.000186	5.22E-07	4.34E-05	0.005602
5653	482469.4	3852835.52	0.04988	0.04223	0.04162	0.03123	4.52E-03	0.00018	7.8E-07	7.2E-05	0.00477	5.71E-03	0.000225	6.61E-07	4.22E-05	5.97E-03	0.005624	0.000194	5.4E-07	4.48E-05	0.005863
5654	482534.75	3852903.25	0.05256	0.04427	0.04325	0.03224	4.76E-03	0.00019	8.1E-07	7.5E-05	0.00503	6.01E-03	0.000236	6.87E-07	4.36E-05	6.29E-03	0.005926	0.000203	5.61E-07	4.63E-05	0.006176
5655	482600.11	3852970.98	0.05562	0.04641	0.04493	0.03337	5.04E-03	0.0002	8.4E-07	7.7E-05	0.00531	6.36E-03	0.000248	7.14E-07	4.51E-05	6.66E-03	0.006271	0.000213	5.83E-07	4.79E-05	0.006533
5656	482706.71	3853119.28	0.06393	0.05121	0.04793	0.03442	5.79E-03	0.00022	9E-07	8E-05	0.00609	7.31E-03	0.000273	7.62E-07	4.65E-05	7.63E-03	0.007208	0.000235	6.22E-07	4.94E-05	0.007493
5657	482747.96	3853199.84	0.06948	0.05375	0.04909	0.03458	6.30E-03	0.00023	9.2E-07	8E-05	0.0066	7.95E-03	0.000287	7.8E-07	4.68E-05	8.28E-03	0.007834	0.000247	6.37E-07	4.97E-05	0.008131
5658	482789.21	3853280.4	0.07676	0.05645	0.05023	0.03474	6.96E-03	0.00024	9.4E-07	8E-05	0.00728	8.78E-03	0.000301	7.98E-07	4.7E-05	9.13E-03	0.008655	0.000259	6.52E-07	4.99E-05	0.008964
5659	482830.46	3853360.96	0.08725	0.05952	0.05148	0.03477	7.91E-03	0.00025	9.6E-07	8.1E-05	0.00824	9.98E-03	0.000318	8.18E-07	4.7E-05	1.03E-02	0.009837	0.000273	6.68E-07	4.99E-05	0.010161
5660	482871.71	3853441.52	0.10442	0.06285	0.05279	0.03477	9.46E-03	0.00027	9.9E-07	8.1E-05	0.00981	1.19E-02	0.000336	8.39E-07	4.7E-05	1.23E-02	0.011773	0.000289	6.85E-07	4.99E-05	0.012113
5661	482912.95	3853522.07	0.16967	0.06698	0.05448	0.03451	1.54E-02	0.00028	1E-06	8E-05	0.01574	1.94E-02	0.000358	8.66E-07	4.67E-05	1.98E-02	0.01913	0.000308	7.07E-07	4.96E-05	0.019488
5662	482954.2	3853602.63	0.53279	0.0715	0.05639	0.03442	4.83E-02	0.0003	1.1E-06	8E-05	0.04867	6.09E-02	0.000382	8.96E-07	4.65E-05	6.14E-02	0.060072	0.000328	7.32E-07	4.94E-05	0.06045
5663	482995.45	3853683.19	0.66486	0.07678	0.05871	0.03447	6.03E-02	0.00032	1.1E-06	8E-05	0.06066	7.60E-02	0.00041	9.33E-07	4.66E-05	7.65E-02	0.074963	0.000353	7.62E-07	4.95E-05	0.075366
5664	483036.7	3853763.75	0.67302	0.08276	0.06142	0.03485	6.10E-02	0.00035	1.1E-06	8.1E-05	0.06142	7.70E-02	0.000442	9.76E-07	4.71E-05	7.75E-02	0.075883	0.00038	7.97E-07	5E-05	0.076314
5665	483214.2	3853909.91	0.45056	0.10535	0.07216	0.03507	4.08E-02	0.00045	1.4E-06	8.1E-05	0.04136	5.15E-02	0.000563	1.15E-06	4.74E-05	5.21E-02	0.0508	0.000484	9.37E-07	5.04E-05	0.051336
5666	483307.01	3853910.44	0.38719	0.10895	0.07582	0.0372	3.51E-02	0.00046	1.4E-06	8.6E-05	0.03564	4.43E-02	0.000582	1.21E-06	5.03E-05	4.49E-02	0.043656	0.0005	9.84E-07	5.34E-05	0.04421
5667	483399.83	3853910.96	0.33911	0.11206	0.08015	0.03976	3.07E-02	0.00047	1.5E-06	9.2E-05	0.0313	3.88E-02	0.000598	1.27E-06	5.38E-05	3.94E-02	0.038235	0.000515	1.04E-06	5.71E-05	0.038807
5668	483494.52	3854009.24	0.33923	0.12827	0.08744	0.04177	3.07E-02	0.00054	1.6E-06	9.7E-05	0.03138	3.88E-02	0.000685	1.39E-06	5.65E-05	3.95E-02	0.038248	0.000589	1.14E-06	6E-05	0.038898
5669	483496.41	3854106.98	0.37648	0.14553	0.0912	0.04161	3.41E-02	0.00062	1.7E-06	9.6E-05	0.03483	4.31E-02	0.000777	1.45E-06	5.63E-05	4.39E-02	0.042448	0.000668	1.18E-06	5.98E-05	0.043177

5670	483577.56	3854261.96	0.41569	0.19484	0.10495	0.04076	3.77E-02	0.00082	2E-06	9.4E-05	0.03859	4.75E-02	0.00104	1.67E-06	5.51E-05	4.86E-02	0.046869	0.000895	1.36E-06	5.85E-05	0.047824
5671	483656.83	3854319.19	0.41498	0.22554	0.11425	0.04013	3.76E-02	0.00095	2.1E-06	9.3E-05	0.03866	4.75E-02	0.001204	1.82E-06	5.43E-05	4.87E-02	0.046789	0.001036	1.48E-06	5.76E-05	0.047884
5672	483736.1	3854376.41	0.4238	0.25986	0.12436	0.03951	3.84E-02	0.0011	2.3E-06	9.2E-05	0.0396	4.85E-02	0.001388	1.98E-06	5.34E-05	4.99E-02	0.047783	0.001193	1.61E-06	5.67E-05	0.049035
5673	483815.36	3854433.64	0.44361	0.28885	0.13577	0.03925	4.02E-02	0.00122	2.5E-06	9.1E-05	0.04152	5.07E-02	0.001542	2.16E-06	5.31E-05	5.23E-02	0.050017	0.001327	1.76E-06	5.64E-05	0.051402
5674	483894.63	3854490.87	0.47476	0.32335	0.14807	0.03921	4.30E-02	0.00137	2.8E-06	9.1E-05	0.04449	5.43E-02	0.001727	2.35E-06	5.3E-05	5.61E-02	0.053529	0.001485	1.92E-06	5.63E-05	0.055072
5675	483973.9	3854548.1	0.52782	0.35906	0.16243	0.03979	4.78E-02	0.00152	3E-06	9.2E-05	0.04945	6.04E-02	0.001917	2.58E-06	5.38E-05	6.23E-02	0.059512	0.001649	2.11E-06	5.71E-05	0.06122
5676	484053.17	3854605.32	0.63852	0.41517	0.18197	0.04158	5.79E-02	0.00176	3.4E-06	9.6E-05	0.05972	7.30E-02	0.002217	2.89E-06	5.62E-05	7.53E-02	0.071993	0.001907	2.36E-06	5.97E-05	0.073962
5677	484214.97	3854698.15	1.12038	0.66877	0.2374	0.04635	1.02E-01	0.00283	4.4E-06	0.00011	0.10447	1.28E-01	0.003571	3.77E-06	6.27E-05	1.32E-01	0.126322	0.003071	3.08E-06	6.66E-05	0.129463
5678	484297.5	3854733.74	1.45595	1.01823	0.28381	0.05057	1.32E-01	0.00431	5.3E-06	0.00012	0.13637	1.67E-01	0.005437	4.51E-06	6.84E-05	1.72E-01	0.164158	0.004676	3.68E-06	7.26E-05	0.16891
5679	484380.03	3854769.34	1.75359	1.50106	0.32996	0.05457	1.59E-01	0.00635	6.2E-06	0.00013	0.1654	2.01E-01	0.008015	5.24E-06	7.38E-05	2.09E-01	0.197717	0.006893	4.28E-06	7.84E-05	0.204693
5680	484462.56	3854804.94	2.25938	2.25301	0.40812	0.06111	2.05E-01	0.00953	7.6E-06	0.00014	0.21443	2.58E-01	0.01203	6.49E-06	8.26E-05	2.71E-01	0.254744	0.010347	5.3E-06	8.78E-05	0.265184
5681	484545.09	3854840.53	2.71664	3.05164	0.51185	0.06622	2.46E-01	0.01291	9.6E-06	0.00015	0.25926	3.11E-01	0.016294	8.13E-06	8.95E-05	3.27E-01	0.3063	0.014014	6.64E-06	9.51E-05	0.320416
5682	484691.88	3854912.58	3.27961	5.16082	1.75017	0.08354	2.97E-01	0.02183	3.3E-05	0.00019	0.31926	3.75E-01	0.027556	2.78E-05	0.000113	4.03E-01	0.369775	0.0237	2.27E-05	0.00012	0.393618
5683	484830.81	3855012.51	2.97233	5.96237	2.85188	0.11302	2.69E-01	0.02522	5.3E-05	0.00026	0.2949	3.40E-01	0.031836	4.53E-05	0.000153	3.72E-01	0.335129	0.027381	3.7E-05	0.000162	0.36271
5684	484905.48	3855075.97	3.00345	4.9752	3.17751	0.15601	2.72E-01	0.02105	5.9E-05	0.00036	0.29365	3.44E-01	0.026565	5.05E-05	0.000211	3.70E-01	0.338638	0.022848	4.12E-05	0.000224	0.361751
5685	484980.14	3855139.44	3.03485	3.69924	3.38913	0.37378	2.75E-01	0.01565	6.3E-05	0.00087	0.2916	3.47E-01	0.019752	5.39E-05	0.000505	3.67E-01	0.342178	0.016988	4.4E-05	0.000537	0.359747
5686	485054.81	3855202.91	3.03907	2.66101	3.51247	0.75533	2.75E-01	0.01126	6.6E-05	0.00175	0.28848	3.48E-01	0.014209	5.58E-05	0.001021	3.63E-01	0.342654	0.01222	4.56E-05	0.001085	0.356005
5687	485129.48	3855266.37	2.98146	1.92254	3.4967	1.01826	2.70E-01	0.00813	6.5E-05	0.00236	0.28074	3.41E-01	0.010265	5.56E-05	0.001377	3.53E-01	0.336159	0.008829	4.54E-05	0.001462	0.346495
5688	485204.15	3855329.84	3.04956	1.49314	3.64554	1.22264	2.76E-01	0.00632	6.8E-05	0.00283	0.28557	3.49E-01	0.007973	5.79E-05	0.001653	3.58E-01	0.343837	0.006857	4.73E-05	0.001756	0.352497
5689	485278.82	3855393.31	3.04471	1.15463	3.6851	1.34329	2.76E-01	0.00488	6.9E-05	0.00311	0.28398	3.48E-01	0.006165	5.86E-05	0.001816	3.56E-01	0.34329	0.005302	4.78E-05	0.001929	0.350569
5690	485353.48	3855456.77	3.06125	0.91779	3.74421	1.43588	2.77E-01	0.00388	7E-05	0.00333	0.2847	3.50E-01	0.004901	5.95E-05	0.001941	3.57E-01	0.345155	0.004215	4.86E-05	0.002062	0.35148
5691	485428.15	3855520.24	3.04196	0.74993	3.73735	1.48764	2.76E-01	0.00317	7E-05	0.00345	0.28236	3.48E-01	0.004004	5.94E-05	0.002011	3.54E-01	0.34298	0.003444	4.85E-05	0.002136	0.348609
5692	485502.82	3855583.71	3.03408	0.62745	3.74269	1.52647	2.75E-01	0.00265	7E-05	0.00354	0.28121	3.47E-01	0.00335	5.95E-05	0.002064	3.53E-01	0.342091	0.002881	4.86E-05	0.002192	0.347214
5693	485577.49	3855647.17	3.06534	0.53535	3.81804	1.58257	2.78E-01	0.00226	7.1E-05	0.00367	0.28379	3.51E-01	0.002859	6.07E-05	0.00214	3.56E-01	0.345616	0.002459	4.96E-05	0.002273	0.350397
5694	485652.16	3855710.64	3.08153	0.46524	3.86408	1.63685	2.79E-01	0.00197	7.2E-05	0.00379	0.28509	3.52E-01	0.002484	6.14E-05	0.002213	3.57E-01	0.347441	0.002137	5.02E-05	0.002351	0.351979
5695	485726.83	3855774.1	3.0728	0.41153	3.8543	1.65637	2.78E-01	0.00174	7.2E-05	0.00384	0.28411	3.51E-01	0.002197	6.13E-05	0.00224	3.56E-01	0.346457	0.00189	5E-05	0.002379	0.350776
5696	485801.49	3855837.57	3.04806	0.3705	3.81805	1.65344	2.76E-01	0.00157	7.1E-05	0.00383	0.28169	3.49E-01	0.001978	6.07E-05	0.002236	3.53E-01	0.343668	0.001701	4.96E-05	0.002374	0.347793
5697	485876.16	3855901.04	3.05065	0.3379	3.82355	1.66349	2.76E-01	0.00143	7.2E-05	0.00385	0.28181	3.49E-01	0.001804	6.08E-05	0.002249	3.53E-01	0.34396	0.001552	4.96E-05	0.002389	0.34795
5698	485950.83	3855964.5	3.03549	0.31305	3.81362	1.6582	2.75E-01	0.00132	7.1E-05	0.00384	0.28032	3.47E-01	0.001672	6.06E-05	0.002242	3.51E-01	0.34225	0.001438	4.95E-05	0.002381	0.346119
5699	486025.5	3856027.97	3.00108	0.29356	3.76978	1.63199	2.72E-01	0.00124	7.1E-05	0.00378	0.27706	3.43E-01	0.001567	5.99E-05	0.002207	3.47E-01	0.338371	0.001348	4.89E-05	0.002344	0.342111
5700	486100.17	3856091.44	3.05547	0.27899	3.88724	1.68648	2.77E-01	0.00118	7.3E-05	0.00391	0.28205	3.49E-01	0.00149	6.18E-05	0.00228	3.53E-01	0.344503	0.001281	5.05E-05	0.002422	0.348257
5701	486174.83	3856154.9	3.00323	0.26862	3.80383	1.64407	2.72E-01	0.00114	7.1E-05	0.00381	0.27717	3.44E-01	0.001434	6.05E-05	0.002223	3.47E-01	0.338613	0.001234	4.94E-05	0.002361	0.342257
5702	486249.5	3856218.37	2.87555	0.26117	3.62053	1.56243	2.61E-01	0.0011	6.8E-05	0.00362	0.26538	3.29E-01	0.001395	5.75E-05	0.002113	3.32E-01	0.324217	0.001199	4.7E-05	0.002244	0.327707
5703	486324.17	3856281.84	2.86039	0.25405	3.56771	1.50663	2.59E-01	0.00107	6.7E-05	0.00349	0.26385	3.27E-01	0.001357	5.67E-05	0.002037	3.31E-01	0.322508	0.001167	4.63E-05	0.002164	0.325885
5704	486398.84	3856345.3	2.9591	0.25698	3.7361	1.51595	2.68E-01	0.00109	7E-05	0.00351	0.27283	3.38E-01	0.001372	5.94E-05	0.00205	3.42E-01	0.333638	0.00118	4.85E-05	0.002177	0.337043
5705	486473.51	3856408.77	2.98608	0.26075	3.7942	1.50889	2.71E-01	0.0011	7.1E-05	0.00349	0.27527	3.42E-01	0.001392	6.03E-05	0.00204	3.45E-01	0.336679	0.001197	4.93E-05	0.002167	0.340093
5706	486548.17	3856472.24	3.02871	0.26976	3.87965	1.52138	2.74E-01	0.00114	7.3E-05	0.00352	0.27921	3.46E-01	0.00144	6.17E-05	0.002057	3.50E-01	0.341486	0.001239	5.04E-05	0.002185	0.34496
5707	486622.84	3856535.7	3.04833	0.28403	3.91746	1.53677	2.76E-01	0.0012	7.3E-05	0.00356	0.28108	3.49E-01	0.001517	6.23E-05	0.002078	3.52E-01	0.343698	0.001304	5.09E-05	0.002207	0.34726
5708	486765.48	3856659.69	3.05482	0.34128	3.9227	1.60009	2.77E-01	0.00144	7.3E-05	0.00371	0.28206	3.49E-01	0.001822	6.23E-05	0.002163	3.53E-01	0.34443	0.001567	5.09E-05	0.002298	0.348346
5709	486833.44	3856720.2	3.07409	0.3813	3.93568	1.62847	2.79E-01	0.00161	7.4E-05	0.00377	0.28404	3.52E-01	0.002036	6.26E-05	0.002202	3.56E-01	0.346603	0.001751	5.11E-05	0.002339	0.350743
5710	486901.41	3856780.72	3.06677	0.43921	3.91657	1.67266	2.78E-01	0.00186	7.3E-05	0.00387	0.28372	3.51E-01	0.002345	6.22E-05	0.002262	3.55E-01	0.345777	0.002017	5.08E-05	0.002402	0.350247
5711	486969.38	3856841.24	3.05268	0.52348	3.90045	1.71048	2.77E-01	0.00221	7.3E-05	0.00396	0.28289	3.49E-01	0.002795	6.2E-05	0.002313	3.54E-01	0.344189	0.002404	5.06E-05	0.002456	0.3491
5712	487037.34	3856901.75	3.01649	0.65634	3.88084	1.74858	2.73E-01	0.00278	7.3E-05	0.00405	0.28026	3.45E-01	0.003505	6.17E-05	0.002364	3.51E-01	0.340108	0.003014	5.04E-05	0.002511	0.345684
5713	487271.23	3856855.51	1.66736	0.54798	2.27898	1.25397	1.51E-01	0.00232	4.3E-05	0.0029	0.15636	1.91E-01	0.002926	3.62E-05	0.001696	1.95E-01	0.187994	0.002517	2.96E-05	0.001801	0.192341
5714	487368.96	3856857.29	1.45411	0.59414	2.01334	1.17219	1.32E-01	0.00251	3.8E-05	0.00272	0.13704	1.66E-01	0.003172	3.2E-05	0.001585	1.71E-01	0.16395	0.002729	2.61E-05	0.001683	0.168388
5715	487466.68	3856859.06	1.28593	0.66369	1.79758	1.11291	1.17E-01	0.00281	3.4E-05	0.00258	0.12195	1.47E-01	0.003544	2.86E-05	0.001505	1.52E-01	0.144988	0.003048	2.33E-05	0.001598	0.149658
5716	487636.44	3856930	1.08325	1.15354	1.55849	1.0886	9.82E-02	0.00488	2.9E-05	0.00252	0.1056	1.24E-01	0.006159	2.48E-05	0.001472	1.32E-01	0.122136	0.005297	2.02E-05	0.001563	0.129017
5717	487709.57	3856928.43	1.00975	1.16917	1.43794	1.05413	9.15E-02	0.00495	2.7E-05	0.00244	0.09892	1.15E-01	0.006243	2.29E-05	0.001425	1.23E-01	0.113849	0.005369	1.87E-05	0.001514	0.120751
5718	487782.54	3856841.96	0.93934	0.79275	1.30032	0.93879	8.51E-02	0.00335	2.4E-05	0.00217	0.09068	1.07E-01	0.004233	2.07E-05	0.001269	1.13E-01	0.10591	0.003641	1.69E-05	0.001348	0.110916
5719	487849.83	3856754.74	0.87103	0.57861	1.18467	0.84743	7.89E-02	0.00245	2.2E-05	0.00196	0.08337	9.96E-02	0.00309	1.88E-05	0.001146	1.04E-01	0.098208	0.002657	1.54E-05	0.001217	0.102098
5720	487918.03	3856819.39	0.84107	0.76069	1.14884	0.88028	7.62E-02	0.00322	2.2E-05	0.00204	0.0815	9.62E-02	0.004062	1.83E-05	0.00119	1.01E-01	0.09483	0.003493	1.49E-05	0.001264	0.099603
5721	487918.8	3856886.37	0.84762	0.99179	1.16649	0.93437	7.68E-02	0.0042	2.2E-05	0.00216	0.08319	9.69E-02	0.005296	1.85E-05	0.001263	1.04E-01	0.095569	0.004555	1.51E-05	0.001342	0.10148
5722	488065.47	3857127.5	0.7749	2.11381	0.99864	1.05032	7.02E-02	0.00894	1.9E-05	0.00243	0.08162	8.86E-02	0.011287	1.59E-05	0.00142	1.01E-01	0.08737	0.009707	1.3E-05	0.001508	0.098598
5723	488192.19	3857385.83	0.74934	2.20203	0.79918	1.25856	6.79E-02	0.00932	1.5E-05	0.00292	0.08015	8.57E-02	0.011758	1.27E-05	0.001702	9.92E-02	0.084488	0.010113	1.04E-05	0.001807	0.096418
5724	488191.22	3857473.87	0.77444	1.99418	0.76732	1.38426	7.02E-02	0.00844	1.4E-05	0.00321	0.08184	8.86E-02	0.010648	1.22E-05	0.001872	1.01E-01	0.087318	0.009158	9.96E-06	0.001988	0.098474
5725	488190.24	3857561.9	0.8058	1.68422	0.72322	1.53391	7.30E-02	0.00713	1.4E-05	0.00355	0.08371	9.22E-02	0.008993	1.15E-05	0.002074	1.03E-01	0.090854	0.007735	9.39E-06	0.002203	0.1008
5726	488158.35	3857691.13	0.87452	1.22744	0.5899	1.86208	7.93E-02	0.00519	1.1E-05	0.00431	0.08877	1.00E-01	0.006554	9.38E-06	0.002518	1.09E-01	0.098602	0.005637	7.66E-06	0.002674	0.10692
5727	488208.37	3857816.66	0.78561	0.81629	0.37283	2.12207	7.12E-02	0.00345	7E-06	0.00492	0.07957	8.99E-02	0.004359	5.93E-06	0.002869	9.71E-02	0.088577	0.003749	4.84E-06	0.003047	0.095378
5728	488271.97	3857874.6	0.69796	0.68065	0.31206	2.11602	6.33E-02	0.00288	5.8E-06	0.0049	0.07104	7.98E-02	0.003634	4.96E-06	0.002861	8.63E-02	0.078695	0.003126	4.05E-06	0.003039	0.084863
5729	488463.56	3857942.31	0.56781	0.55671	0.26661	1.60146	5.15E-02	0.00236	5E-06	0.00371	0.05753	6.49E-02	0.002973	4.24E-06	0.002165	7.01E-02	0.06402	0.002557	3.46E-06	0.0023	0.06888
5730	488554.83	3857940.83	0.53355	0.55096	0.26785	1.38826	4.84E-02	0.00233	5E-06	0.00322	0.0539	6.10E-02	0.002942	4.26E-06	0.001877	6.58E-02	0.060158	0.00253	3.48E-06	0.001994	0.064685

5731	488646.1	3857939.36	0.50392	0.54188	0.26764	1.22489		4.57E-02	0.00229	5E-06	0.00284	0.0508		5.76E-02	0.002893	4.25E-06	0.001656	6.22E-02		0.056817	0.002489	3.47E-06	0.001759	0.061068		
5732	488737.37	3857937.88	0.47791	0.53106	0.26657	1.09582		4.33E-02	0.00225	5E-06	0.00254	0.0481		5.47E-02	0.002836	4.24E-06	0.001482	5.90E-02		0.053884	0.002439	3.46E-06	0.001574	0.0579		
5733	488733.59	3857960.57	0.47513	0.50975	0.25697	1.07759		4.31E-02	0.00216	4.8E-06	0.0025	0.04771		5.43E-02	0.002722	4.08E-06	0.001457	5.85E-02		0.053571	0.002341	3.34E-06	0.001547	0.057463		
5734	488638.09	3857961.57	0.50213	0.51918	0.25736	1.21324		4.55E-02	0.0022	4.8E-06	0.00281	0.05052		5.74E-02	0.002772	4.09E-06	0.00164	6.18E-02		0.056615	0.002384	3.34E-06	0.001742	0.060745		
5735	488542.6	3857962.56	0.53293	0.52597	0.25657	1.39004		4.83E-02	0.00223	4.8E-06	0.00322	0.05374		6.10E-02	0.002808	4.08E-06	0.001879	6.56E-02		0.060088	0.002415	3.33E-06	0.001996	0.064503		
5736	488447.1	3857963.56	0.56881	0.52944	0.25435	1.62578		5.15E-02	0.00224	4.8E-06	0.00377	0.05756		6.51E-02	0.002827	4.04E-06	0.002198	7.01E-02		0.064133	0.002431	3.3E-06	0.002335	0.068903		
5737	488254.28	3857890.36	0.70107	0.65035	0.29795	2.2364		6.35E-02	0.00275	5.6E-06	0.00518	0.07147		8.02E-02	0.003473	4.74E-06	0.003024	8.67E-02		0.079045	0.002987	3.87E-06	0.003212	0.085248		
5738	488191.69	3857833.06	0.79123	0.7785	0.35387	2.22877		7.17E-02	0.00329	6.6E-06	0.00516	0.08017		9.05E-02	0.004157	5.62E-06	0.003014	9.77E-02		0.089211	0.003575	4.59E-06	0.003201	0.095991		
5739	488129.5	3857907.43	0.78812	0.6122	0.27807	2.9869		7.14E-02	0.00259	5.2E-06	0.00692	0.08093		9.01E-02	0.003269	4.42E-06	0.004039	9.75E-02		0.08886	0.002811	3.61E-06	0.004289	0.095965		
5740	488196.47	3857968.73	0.69605	0.51323	0.24256	2.91959		6.31E-02	0.00217	4.5E-06	0.00676	0.07202		7.96E-02	0.00274	3.86E-06	0.003948	8.63E-02		0.078479	0.002357	3.15E-06	0.004193	0.085032		
5741	488263.44	3858030.04	0.63916	0.43849	0.21661	2.15686		5.79E-02	0.00186	4.1E-06	0.005	0.06478		7.31E-02	0.002341	3.44E-06	0.002916	7.84E-02		0.072065	0.002014	2.81E-06	0.003097	0.077179		
5742	488400.64	3858132.9	0.57111	0.34044	0.18215	1.08209		5.18E-02	0.00144	3.4E-06	0.00251	0.05571		6.53E-02	0.001818	2.89E-06	0.001463	6.86E-02		0.064392	0.001563	2.36E-06	0.001554	0.067512		
5743	488519.89	3858218.38	0.55427	0.28607	0.16112	0.71598		5.02E-02	0.00121	3E-06	0.00166	0.0531		6.34E-02	0.001527	2.56E-06	0.000968	6.59E-02		0.062494	0.001314	2.09E-06	0.001028	0.064838		
5744	488647.97	3858214.99	0.49939	0.30424	0.16644	0.68994		4.53E-02	0.00129	3.1E-06	0.0016	0.04814		5.71E-02	0.001624	2.65E-06	0.000933	5.97E-02		0.056306	0.001397	2.16E-06	0.000991	0.058696		
5745	488727.05	3858167.67	0.46565	0.34037	0.18189	0.74716		4.22E-02	0.00144	3.4E-06	0.00173	0.04537		5.33E-02	0.001817	2.89E-06	0.00101	5.61E-02		0.052502	0.001563	2.36E-06	0.001073	0.05514		
5746	488806.12	3858120.35	0.44271	0.37396	0.19862	0.7797		4.01E-02	0.00158	3.7E-06	0.00181	0.04351		5.06E-02	0.001997	3.16E-06	0.001054	5.37E-02		0.049915	0.001717	2.58E-06	0.00112	0.052755		
5747	488885.2	3858073.03	0.42675	0.4041	0.21469	0.79284		3.87E-02	0.00171	4E-06	0.00184	0.04222		4.88E-02	0.002158	3.41E-06	0.001072	5.20E-02		0.048116	0.001856	2.79E-06	0.001139	0.051113		
5748	489055.76	3857991.17	0.40124	0.44791	0.23986	0.75865		3.64E-02	0.00189	4.5E-06	0.00176	0.04002		4.59E-02	0.002392	3.81E-06	0.001026	4.93E-02		0.04524	0.002057	3.11E-06	0.001089	0.048389		
5749	489245.39	3857944.54	0.37609	0.45963	0.24962	0.67805		3.41E-02	0.00194	4.7E-06	0.00157	0.0376		4.30E-02	0.002454	3.97E-06	0.000917	4.64E-02		0.042404	0.002111	3.24E-06	0.000974	0.045492		
5750	489430.63	3857930.91	0.35104	0.44279	0.24551	0.60135		3.18E-02	0.00187	4.6E-06	0.00139	0.03508		4.02E-02	0.002364	3.9E-06	0.000813	4.33E-02		0.03958	0.002033	3.19E-06	0.000864	0.04248		
5751	489517.74	3857929.36	0.33985	0.4318	0.24193	0.56881		3.08E-02	0.00183	4.5E-06	0.00132	0.03395		3.89E-02	0.002306	3.85E-06	0.000769	4.20E-02		0.038318	0.001983	3.14E-06	0.000817	0.041121		
5752	489604.85	3857927.82	0.32933	0.4213	0.23844	0.53858		2.98E-02	0.00178	4.5E-06	0.00125	0.03288		3.77E-02	0.00225	3.79E-06	0.000728	4.06E-02		0.037132	0.001935	3.1E-06	0.000773	0.039843		
5753	489691.97	3857926.28	0.31935	0.41007	0.23455	0.51234		2.89E-02	0.00173	4.4E-06	0.00119	0.03187		3.65E-02	0.00219	3.73E-06	0.000693	3.94E-02		0.036007	0.001883	3.04E-06	0.000736	0.038629		
5754	489779.08	3857924.73	0.30986	0.3992	0.23072	0.48791		2.81E-02	0.00169	4.3E-06	0.00113	0.0309		3.54E-02	0.002132	3.67E-06	0.00066	3.82E-02		0.034937	0.001833	2.99E-06	0.000701	0.037474		
5755	490017.54	3857875.08	0.28936	0.38428	0.22838	0.43934		2.62E-02	0.00163	4.3E-06	0.00102	0.02887		3.31E-02	0.002052	3.63E-06	0.000594	3.57E-02		0.032625	0.001765	2.96E-06	0.000631	0.035024		
5756	490033.82	3857960.81	0.28208	0.35518	0.21231	0.41875		2.56E-02	0.0015	4E-06	0.00097	0.02804		3.23E-02	0.001896	3.37E-06	0.000566	3.47E-02		0.031804	0.001631	2.76E-06	0.000601	0.03404		
5757	489959.15	3857987.49	0.28722	0.35351	0.21034	0.42973		2.60E-02	0.0015	3.9E-06	0.001	0.02852		3.29E-02	0.001888	3.34E-06	0.000581	3.53E-02		0.032384	0.001623	2.73E-06	0.000617	0.034627		
5758	489791.49	3858016.12	0.30155	0.36195	0.21238	0.45593		2.73E-02	0.00153	4E-06	0.00106	0.02992		3.45E-02	0.001933	3.38E-06	0.000616	3.70E-02		0.034	0.001662	2.76E-06	0.000655	0.036319		
5759	489698.51	3858018.07	0.31118	0.37014	0.21527	0.47887		2.82E-02	0.00157	4E-06	0.00111	0.03088		3.56E-02	0.001976	3.42E-06	0.000647	3.82E-02		0.035085	0.0017	2.79E-06	0.000688	0.037476		
5760	489605.52	3858020.02	0.3214	0.37816	0.21797	0.50404		2.91E-02	0.0016	4.1E-06	0.00117	0.0319		3.68E-02	0.002019	3.46E-06	0.000682	3.95E-02		0.036238	0.001737	2.83E-06	0.000724	0.038701		
5761	489512.53	3858021.96	0.33226	0.38599	0.22044	0.53182		3.01E-02	0.00163	4.1E-06	0.00123	0.03298		3.80E-02	0.002061	3.5E-06	0.000719	4.08E-02		0.037462	0.001773	2.86E-06	0.000764	0.040001		
5762	489419.55	3858023.91	0.34371	0.39305	0.22239	0.56329		3.11E-02	0.00166	4.2E-06	0.0013	0.03412		3.93E-02	0.002099	3.53E-06	0.000762	4.22E-02		0.038753	0.001805	2.89E-06	0.000809	0.04137		
5763	489228.47	3858041.29	0.36839	0.40304	0.22327	0.62524		3.34E-02	0.00171	4.2E-06	0.00145	0.03654		4.21E-02	0.002152	3.55E-06	0.000845	4.51E-02		0.041536	0.001851	2.9E-06	0.000898	0.044288		
5764	489065.75	3858085.78	0.39026	0.38697	0.21185	0.66857		3.54E-02	0.00164	4E-06	0.00155	0.03856		4.46E-02	0.002066	3.37E-06	0.000904	4.76E-02		0.044002	0.001777	2.75E-06	0.00096	0.046742		
5765	489001.12	3858114.86	0.39988	0.37312	0.20353	0.67153		3.62E-02	0.00158	3.8E-06	0.00156	0.03938		4.57E-02	0.001992	3.23E-06	0.000908	4.86E-02		0.045086	0.001714	2.64E-06	0.000964	0.047767		
5766	488861.89	3858189.81	0.42933	0.3322	0.18085	0.64471		3.89E-02	0.00141	3.4E-06	0.00149	0.04181		4.91E-02	0.001774	2.87E-06	0.000872	5.18E-02		0.048407	0.001526	2.35E-06	0.000926	0.050861		
5767	488787.28	3858235.69	0.45511	0.30136	0.16597	0.60538		4.12E-02	0.00127	3.1E-06	0.0014	0.04392		5.21E-02	0.001609	2.64E-06	0.000819	5.45E-02		0.051313	0.001384	2.15E-06	0.000869	0.053569		
5768	488712.68	3858281.57	0.49111	0.2707	0.15363	0.54821		4.45E-02	0.00115	2.9E-06	0.00127	0.04692		5.62E-02	0.001445	2.44E-06	0.000741	5.84E-02		0.055372	0.001243	1.99E-06	0.000787	0.057405		
5769	488654.39	3858436.17	0.62538	0.19764	0.12485	0.34903		5.67E-02	0.00084	2.3E-06	0.00081	0.05832		7.15E-02	0.001055	1.98E-06	0.000472	7.31E-02		0.070511	0.000908	1.62E-06	0.000501	0.071922		
5770	488726.3	3858505.26	0.63613	0.18148	0.118	0.29738		5.76E-02	0.00077	2.2E-06	0.00069	0.05911		7.28E-02	0.000969	1.88E-06	0.000402	7.41E-02		0.071723	0.000833	1.53E-06	0.000427	0.072985		
5771	488880.6	3858599.28	0.57916	0.15141	0.10268	0.22893		5.25E-02	0.00064	1.9E-06	0.00053	0.05366		6.62E-02	0.000808	1.63E-06	0.00031	6.74E-02		0.0653	0.000695	1.33E-06	0.000329	0.066326		
5772	489008.06	3858714.75	0.57536	0.13393	0.09413	0.18903		5.21E-02	0.00057	1.8E-06	0.00044	0.05315		6.58E-02	0.000715	1.5E-06	0.000256	6.68E-02		0.064872	0.000615	1.22E-06	0.000271	0.065759		
5773	489071.48	3858772.72	0.54789	0.12638	0.09025	0.17351		4.97E-02	0.00053	1.7E-06	0.0004	0.05059		6.27E-02	0.000675	1.43E-06	0.000235	6.36E-02		0.061774	0.00058	1.17E-06	0.000249	0.062605		
5774	489244.59	3858920.19	0.2947	0.10904	0.08081	0.14213		2.67E-02	0.00046	1.5E-06	0.00033	0.0275		3.37E-02	0.000582	1.28E-06	0.000192	3.45E-02		0.033227	0.000501	1.05E-06	0.000204	0.033933		
5775	489239.69	3858952.23	0.26791	0.10392	0.07712	0.13492		2.43E-02	0.00044	1.4E-06	0.00031	0.02503		3.06E-02	0.000555	1.23E-06	0.000182	3.14E-02		0.030207	0.000477	1E-06	0.000194	0.030879		
5776	489121.67	3858854.49	0.45745	0.1186	0.08554	0.15878		4.15E-02	0.0005	1.6E-06	0.00037	0.04233		5.23E-02	0.000633	1.36E-06	0.000215	5.32E-02		0.051577	0.000545	1.11E-06	0.000228	0.052351		
5777	489059.59	3858797.27	0.57842	0.126	0.08952	0.17229		5.24E-02	0.00053	1.7E-06	0.0004	0.05335		6.62E-02	0.000673	1.42E-06	0.000233	6.71E-02		0.065217	0.000579	1.16E-06	0.000247	0.066044		
5778	488997.52	3858740.04	0.62066	0.13312	0.0931	0.18647		5.62E-02	0.00056	1.7E-06	0.00043	0.05724		7.10E-02	0.000711	1.48E-06	0.000252	7.20E-02		0.069979	0.000611	1.21E-06	0.000268	0.07086		
5779	488935.44	3858682.82	0.62543	0.14073	0.09681	0.2033		5.67E-02	0.0006	1.8E-06	0.00047	0.05775		7.15E-02	0.000751	1.54E-06	0.000275	7.26E-02		0.070517	0.000646	1.26E-06	0.000292	0.071457		
5780	488869.17	3858848.43	1.554	0.13152	0.09553	0.17956		1.41E-01	0.00056	1.8E-06	0.00042	0.1418		1.78E-01	0.000702	1.52E-06	0.000243	1.79E-01		0.175213	0.000604	1.24E-06	0.000258	0.176076		
5781	488932.48	3858892.69	0.74334	0.12678	0.09289	0.17079		6.74E-02	0.00054	1.7E-06	0.0004	0.0683		8.50E-02	0.000677	1.48E-06	0.000231	8.59E-02		0.083811	0.000582	1.21E-06	0.000245	0.08464		
5782	489063.27	3858977.17	0.28419	0.11881	0.08834	0.15577		2.58E-02	0.0005	1.7E-06	0.00036	0.02662		3.25E-02	0.000634	1.4E-06	0.000211	3.34E-02		0.032042	0.000546	1.15E-06	0.000224	0.032813		
5783	489248.2	3859117.15	0.16035	0.10112	0.07755	0.12817		1.45E-02	0.00043	1.5E-06	0.0003	0.01526		1.83E-02	0.00054	1.23E-06	0.000173	1.91E-02		0.018079	0.000464	1.01E-06	0.000184	0.018729		
5784	489296.25	3859049.22	0.19688	0.10625	0.08001	0.13545		1.78E-02	0.00045	1.5E-06	0.00031	0.01861		2.25E-02	0.000567	1.27E-06	0.000183	2.33E-02		0.022198	0.000488	1.04E-06	0.000195	0.022882		
5785	489353.38	3858993.96	0.22206	0.10867	0.08096	0.13923		2.01E-02	0.00046	1.5E-06	0.00032	0.02091		2.54E-02	0.00058	1.29E-06	0.000188	2.62E-02		0.025037	0.000499	1.05E-06	0.0002	0.025737		
5786	489537.24	3859120.22	0.15939	0.10211	0.07718	0.12738		1.44E-02	0.00043	1.4E-06	0.0003	0.01517		1.82E-02	0.000545	1.23E-06	0.000172	1.89E-02		0.017971	0.000469	1E-06	0.000183	0.018624		
5787	489726.98	3859246.04	0.12724	0.09389	0.07209	0.11515		1.15E-02	0.0004	1.3E-06	0.00027	0.0122		1.46E-02	0.000501	1.15E-06	0.000156	1.52E-02		0.014346	0.000431	9.36E-07	0.000165	0.014944		
5788	489911.46	3859366.33	0.10807	0.08686	0.06757	0.10469		9.79E-03	0.00037	1.3E-06	0.00024	0.0104		1.24E-02	0.000464	1.07E-06	0.000142	1.30E-02		0.012185	0.000399	8.77E-07	0.00015	0.012735		
5789	490035.3	3859430.26	0.10001	0.08276	0.06478	0.09987		9.06E-03	0.00035	1.2E-06	0.00023	0.00965		1.14E-02	0.000442	1.03E-06	0.000135	1.20E-02		0.011276	0.00038	8.41E-07	0.000143	0.0118		
5790	490101.11	3859458.61	0.09694	0.08123	0.06368	0.09781		8.78E-03	0.00034	1.2E-06	0.00023	0.00936		1.11E-02	0.000434	1.01E-06	0.000132	1.17E-02		0.01093	0.000373	8.27E-07	0.00014	0.011444		
5791	490312.68	3859560.3	0.08741	0.07601	0.05997	0.09089		7.92E-03	0.00032	1.1E-06	0.00021	0.00845		1.00E-02	0.000406	9.53E-07	0.000123	1.05E-02		0.009855	0.000349	7.78E-07	0.000131	0.010336		

5792	490401.63	3859603.12	0.08404	0.07409	0.05858	0.08824	7.62E-03	0.00031	1.1E-06	0.0002	0.00813	9.61E-03	0.000396	9.31E-07	0.000119	1.01E-02	0.009475	0.00034	7.6E-07	0.000127	0.009943
5793	490490.57	3859645.94	0.08099	0.0723	0.05729	0.08572	7.34E-03	0.00031	1.1E-06	0.0002	0.00784	9.26E-03	0.000386	9.11E-07	0.000116	9.77E-03	0.009132	0.000332	7.44E-07	0.000123	0.009587
5794	490579.51	3859688.76	0.07823	0.07071	0.05613	0.08333	7.09E-03	0.0003	1.1E-06	0.00019	0.00758	8.95E-03	0.000378	8.92E-07	0.000113	9.44E-03	0.00882	0.000325	7.29E-07	0.00012	0.009266
5795	490668.45	3859731.58	0.07585	0.06938	0.05515	0.08103	6.87E-03	0.00029	1E-06	0.00019	0.00736	8.68E-03	0.00037	8.77E-07	0.00011	9.16E-03	0.008552	0.000319	7.16E-07	0.000116	0.008988
5796	490757.4	3859774.4	0.07325	0.0676	0.05387	0.07892	6.64E-03	0.00029	1E-06	0.00018	0.00711	8.38E-03	0.000361	8.56E-07	0.000107	8.85E-03	0.008259	0.00031	6.99E-07	0.000113	0.008683
5797	491003.53	3859861.82	0.06872	0.06474	0.05157	0.07522	6.23E-03	0.00027	9.7E-07	0.00017	0.00668	7.86E-03	0.000346	8.2E-07	0.000102	8.31E-03	0.007748	0.000297	6.69E-07	0.000108	0.008154
5798	491081.41	3859879.05	0.06779	0.06423	0.05106	0.07473	6.14E-03	0.00027	9.6E-07	0.00017	0.00659	7.75E-03	0.000343	8.12E-07	0.000101	8.20E-03	0.007643	0.000295	6.63E-07	0.000107	0.008046
5799	491229.76	3859917.82	0.06582	0.063	0.04997	0.07354	5.96E-03	0.00027	9.4E-07	0.00017	0.0064	7.53E-03	0.000336	7.94E-07	9.94E-05	7.96E-03	0.007421	0.000289	6.49E-07	0.000106	0.007817
5800	491300.22	3859939.35	0.06471	0.0622	0.04933	0.07282	5.86E-03	0.00026	9.2E-07	0.00017	0.0063	7.40E-03	0.000332	7.84E-07	9.85E-05	7.83E-03	0.007296	0.000286	6.4E-07	0.000105	0.007687
5801	491350.48	3860012.03	0.06112	0.0587	0.04715	0.06915	5.54E-03	0.00025	8.8E-07	0.00016	0.00595	6.99E-03	0.000313	7.49E-07	9.35E-05	7.40E-03	0.006891	0.00027	6.12E-07	9.93E-05	0.007261
5802	491406.82	3860092.56	0.05771	0.05556	0.04515	0.06545	5.23E-03	0.00024	8.5E-07	0.00015	0.00562	6.60E-03	0.000297	7.18E-07	8.85E-05	6.99E-03	0.006507	0.000255	5.86E-07	9.4E-05	0.006857
5803	491483.36	3860121.96	0.05671	0.05485	0.04457	0.06451	5.14E-03	0.00023	8.3E-07	0.00015	0.00552	6.49E-03	0.000293	7.08E-07	8.72E-05	6.87E-03	0.006394	0.000252	5.79E-07	9.26E-05	0.006739
5804	491559.91	3860151.35	0.05569	0.05408	0.04396	0.06357	5.05E-03	0.00023	8.2E-07	0.00015	0.00542	6.37E-03	0.000289	6.99E-07	8.6E-05	6.75E-03	0.006279	0.000248	5.71E-07	9.13E-05	0.006619
5805	491711.81	3860237.76	0.05413	0.05335	0.04336	0.06085	4.91E-03	0.00023	8.1E-07	0.00014	0.00527	6.19E-03	0.000285	6.89E-07	8.23E-05	6.56E-03	0.006103	0.000245	5.63E-07	8.74E-05	0.006436
5806	491755.2	3860319.07	0.04997	0.04891	0.04043	0.05742	4.53E-03	0.00021	7.6E-07	0.00013	0.00487	5.72E-03	0.000261	6.43E-07	7.76E-05	6.05E-03	0.005634	0.000225	5.25E-07	8.25E-05	0.005942
5807	491704.71	3860366.54	0.04852	0.04746	0.03961	0.05555	4.40E-03	0.0002	7.4E-07	0.00013	0.00473	5.55E-03	0.000253	6.3E-07	7.51E-05	5.88E-03	0.005471	0.000218	5.14E-07	7.98E-05	0.005769
5808	491623.42	3860462.39	0.04571	0.04495	0.03809	0.05248	4.14E-03	0.00019	7.1E-07	0.00012	0.00445	5.23E-03	0.00024	6.05E-07	7.1E-05	5.54E-03	0.005154	0.000206	4.94E-07	7.54E-05	0.005436
5809	491534.02	3860439.85	0.04776	0.04723	0.03986	0.05379	4.33E-03	0.0002	7.5E-07	0.00012	0.00465	5.46E-03	0.000252	6.34E-07	7.27E-05	5.79E-03	0.005385	0.000217	5.17E-07	7.72E-05	0.00568
5810	491313.95	3860268.17	0.05069	0.04923	0.04132	0.05804	4.59E-03	0.00021	7.7E-07	0.00013	0.00494	5.80E-03	0.000263	6.57E-07	7.85E-05	6.14E-03	0.005715	0.000226	5.36E-07	8.33E-05	0.006025
5811	491187.12	3860143.56	0.05516	0.0529	0.04393	0.06229	5.00E-03	0.00022	8.2E-07	0.00014	0.00537	6.31E-03	0.000282	6.98E-07	8.42E-05	6.68E-03	0.006219	0.000243	5.7E-07	8.95E-05	0.006552
5812	491070.43	3860075.97	0.05788	0.05513	0.04558	0.0648	5.25E-03	0.00023	8.5E-07	0.00015	0.00563	6.62E-03	0.000294	7.24E-07	8.76E-05	7.00E-03	0.006526	0.000253	5.92E-07	9.31E-05	0.006873
5813	490995.09	3860039.38	0.05933	0.0563	0.04646	0.06617	5.38E-03	0.00024	8.7E-07	0.00015	0.00577	6.79E-03	0.000301	7.38E-07	8.95E-05	7.18E-03	0.006689	0.000259	6.03E-07	9.5E-05	0.007044
5814	490919.75	3860002.8	0.06086	0.05752	0.04738	0.06758	5.52E-03	0.00024	8.9E-07	0.00016	0.00592	6.96E-03	0.000307	7.53E-07	9.14E-05	7.36E-03	0.006862	0.000264	6.15E-07	9.7E-05	0.007224
5815	490756.81	3859894.53	0.06582	0.06123	0.05006	0.07162	5.96E-03	0.00026	9.4E-07	0.00017	0.00639	7.53E-03	0.000327	7.96E-07	9.68E-05	7.95E-03	0.007421	0.000281	6.5E-07	0.000103	0.007806
5816	490668.07	3859860.92	0.06726	0.06226	0.0509	0.0732	6.10E-03	0.00026	9.5E-07	0.00017	0.00653	7.69E-03	0.000332	8.09E-07	9.9E-05	8.13E-03	0.007584	0.000286	6.61E-07	0.000105	0.007975
5817	490579.34	3859827.3	0.0689	0.06349	0.05187	0.07477	6.24E-03	0.00027	9.7E-07	0.00017	0.00669	7.88E-03	0.000339	8.24E-07	0.000101	8.32E-03	0.007768	0.000292	6.73E-07	0.000107	0.008168
5818	490490.6	3859793.68	0.07046	0.0646	0.05277	0.07651	6.39E-03	0.00027	9.9E-07	0.00018	0.00684	8.06E-03	0.000345	8.39E-07	0.000103	8.51E-03	0.007944	0.000297	6.85E-07	0.00011	0.008352
5819	490401.86	3859760.07	0.07214	0.06583	0.05375	0.07835	6.54E-03	0.00028	1E-06	0.00018	0.007	8.25E-03	0.000352	8.54E-07	0.000106	8.71E-03	0.008134	0.000302	6.98E-07	0.000113	0.008549
5820	490313.12	3859726.45	0.07406	0.06729	0.05488	0.08031	6.71E-03	0.00028	1E-06	0.00019	0.00718	8.47E-03	0.000359	8.72E-07	0.000109	8.94E-03	0.00835	0.000309	7.12E-07	0.000115	0.008775
5821	490224.39	3859692.83	0.07613	0.06887	0.05609	0.08238	6.90E-03	0.00029	1.1E-06	0.00019	0.00738	8.71E-03	0.000368	8.91E-07	0.000111	9.19E-03	0.008584	0.000316	7.28E-07	0.000118	0.009019
5822	490135.65	3859659.22	0.07839	0.07058	0.05737	0.0845	7.10E-03	0.0003	1.1E-06	0.0002	0.0076	8.97E-03	0.000377	9.12E-07	0.000114	9.46E-03	0.008838	0.000324	7.45E-07	0.000121	0.009285
5823	489918.18	3859559.23	0.08599	0.07584	0.06113	0.09123	7.79E-03	0.00032	1.1E-06	0.00021	0.00833	9.84E-03	0.000405	9.72E-07	0.000123	1.04E-02	0.009695	0.000348	7.93E-07	0.000131	0.010175
5824	489743.61	3859486	0.09279	0.08029	0.06426	0.09743	8.41E-03	0.00034	1.2E-06	0.00023	0.00898	1.06E-02	0.000429	1.02E-06	0.000132	1.12E-02	0.010462	0.000369	8.34E-07	0.00014	0.010972
5825	489660.32	3859440.27	0.09736	0.0827	0.0659	0.10092	8.82E-03	0.00035	1.2E-06	0.00023	0.00941	1.11E-02	0.000442	1.05E-06	0.000136	1.17E-02	0.010977	0.00038	8.55E-07	0.000145	0.011503
5826	489577.04	3859394.53	0.10249	0.08522	0.06759	0.10454	9.29E-03	0.00036	1.3E-06	0.00024	0.00989	1.17E-02	0.000455	1.07E-06	0.000141	1.23E-02	0.011556	0.000391	8.77E-07	0.00015	0.012098
5827	489493.75	3859348.8	0.10823	0.08769	0.06922	0.1083	9.81E-03	0.00037	1.3E-06	0.00025	0.01043	1.24E-02	0.000468	1.1E-06	0.000146	1.30E-02	0.012203	0.000403	8.99E-07	0.000156	0.012762
5828	489321.28	3859240.02	0.12491	0.0928	0.07243	0.11622	1.13E-02	0.00039	1.4E-06	0.00027	0.01198	1.43E-02	0.000496	1.15E-06	0.000157	1.49E-02	0.014084	0.000426	9.4E-07	0.000167	0.014678
5829	489235.41	3859193.96	0.13304	0.09368	0.07289	0.11773	1.21E-02	0.0004	1.4E-06	0.00027	0.01273	1.52E-02	0.0005	1.16E-06	0.000159	1.59E-02	0.015	0.00043	9.46E-07	0.000169	0.0156
5830	489149.54	3859147.89	0.15201	0.10197	0.0783	0.13022	1.38E-02	0.00043	1.5E-06	0.0003	0.01451	1.74E-02	0.000544	1.24E-06	0.000176	1.81E-02	0.017139	0.000468	1.02E-06	0.000187	0.017795
5831	489063.68	3859101.82	0.17071	0.10583	0.08067	0.13625	1.55E-02	0.00045	1.5E-06	0.00032	0.01623	1.95E-02	0.000565	1.28E-06	0.000184	2.03E-02	0.019247	0.000486	1.05E-06	0.000196	0.01993
5832	488977.81	3859055.75	0.19679	0.10999	0.08321	0.14279	1.78E-02	0.00047	1.6E-06	0.00033	0.01863	2.25E-02	0.000587	1.32E-06	0.000193	2.33E-02	0.022188	0.000505	1.08E-06	0.000205	0.022899
5833	488891.94	3859009.69	0.23282	0.11365	0.08543	0.15003	2.11E-02	0.00048	1.6E-06	0.00035	0.02193	2.66E-02	0.000607	1.36E-06	0.000203	2.74E-02	0.02625	0.000522	1.11E-06	0.000215	0.026989
5834	488808	3859060.73	0.19259	0.10948	0.08312	0.14356	1.75E-02	0.00046	1.6E-06	0.00033	0.01825	2.20E-02	0.000585	1.32E-06	0.000194	2.28E-02	0.021714	0.000503	1.08E-06	0.000206	0.022424
5835	488809.93	3859157.85	0.1514	0.10153	0.07832	0.13093	1.37E-02	0.00043	1.5E-06	0.0003	0.01445	1.73E-02	0.000542	1.24E-06	0.000177	1.80E-02	0.01707	0.000466	1.02E-06	0.000188	0.017726
5836	488811.85	3859254.96	0.12741	0.0942	0.07375	0.11994	1.15E-02	0.0004	1.4E-06	0.00028	0.01222	1.46E-02	0.000503	1.17E-06	0.000162	1.52E-02	0.014365	0.000433	9.57E-07	0.000172	0.014971
5837	488813.78	3859352.07	0.11118	0.08765	0.06958	0.11043	1.01E-02	0.00037	1.3E-06	0.00026	0.0107	1.27E-02	0.000468	1.11E-06	0.000149	1.33E-02	0.012536	0.000403	9.03E-07	0.000159	0.013098
5838	488815.71	3859449.19	0.09942	0.08196	0.06591	0.10208	9.01E-03	0.00035	1.2E-06	0.00024	0.00959	1.14E-02	0.000438	1.05E-06	0.000138	1.19E-02	0.01121	0.000376	8.56E-07	0.000147	0.011733
5839	488910.04	3859547.1	0.09047	0.07742	0.06286	0.09556	8.20E-03	0.00033	1.2E-06	0.00022	0.00875	1.03E-02	0.000413	9.99E-07	0.000129	1.09E-02	0.0102	0.000356	8.16E-07	0.000137	0.010694
5840	489002.45	3859547.91	0.09091	0.07799	0.06319	0.0961	8.24E-03	0.00033	1.2E-06	0.00022	0.00879	1.04E-02	0.000416	1E-06	0.00013	1.09E-02	0.01025	0.000358	8.2E-07	0.000138	0.010747
5841	489094.85	3859548.71	0.09133	0.0786	0.06357	0.09653	8.28E-03	0.00033	1.2E-06	0.00022	0.00883	1.04E-02	0.00042	1.01E-06	0.000131	1.10E-02	0.010297	0.000361	8.25E-07	0.000139	0.010798
5842	489230.05	3859601.87	0.08715	0.07613	0.06191	0.09297	7.90E-03	0.00032	1.2E-06	0.00022	0.00844	9.97E-03	0.000406	9.84E-07	0.000126	1.05E-02	0.009826	0.00035	8.04E-07	0.000134	0.01031
5843	489227.52	3859680.89	0.08144	0.0725	0.05939	0.08807	7.38E-03	0.00031	1.1E-06	0.0002	0.00789	9.31E-03	0.000387	9.44E-07	0.000119	9.82E-03	0.009182	0.000333	7.71E-07	0.000126	0.009643
5844	489133.47	3859760.29	0.07624	0.0688	0.05689	0.08338	6.91E-03	0.00029	1.1E-06	0.00019	0.00739	8.72E-03	0.000367	9.04E-07	0.000113	9.20E-03	0.008596	0.000316	7.38E-07	0.00012	0.009032
5845	489041.96	3859760.67	0.07594	0.06832	0.05665	0.08293	6.88E-03	0.00029	1.1E-06	0.00019	0.00736	8.69E-03	0.000365	9E-07	0.000112	9.16E-03	0.008562	0.000314	7.35E-07	0.000119	0.008996
5846	488950.45	3859761.05	0.07555	0.06781	0.05643	0.08241	6.85E-03	0.00029	1.1E-06	0.00019	0.00733	8.64E-03	0.000362	8.97E-07	0.000111	9.12E-03	0.008518	0.000311	7.32E-07	0.000118	0.008949
5847	488858.94	3859761.43	0.07532	0.06741	0.05633	0.08189	6.83E-03	0.00029	1.1E-06	0.00019	0.0073	8.61E-03	0.00036	8.95E-07	0.000111	9.09E-03	0.008492	0.00031	7.31E-07	0.000118	0.00892
5848	488767.43	3859761.82	0.07496	0.06671	0.05611	0.08135	6.79E-03	0.00028	1.1E-06	0.00019	0.00726	8.57E-03	0.000356	8.92E-07	0.00011	9.04E-03	0.008452	0.000306	7.28E-07	0.000117	0.008876
5849	488675.92	3859762.2	0.07487	0.06605	0.05604	0.08098	6.78E-03	0.00028	1E-06	0.00019	0.00725	8.56E-03	0.000353	8.91E-07	0.000109	9.03E-03	0.008442	0.000303	7.27E-07	0.000116	0.008862
5850	488584.41	3859762.58	0.07453	0.06496	0.05583	0.08066	6.75E-03	0.00027	1E-06	0.00019	0.00722	8.52E-03	0.000347	8.87E-07	0.000109	8.98E-03	0.008403	0.000298	7.25E-07	0.000116	0.008818
5851	488492.9	3859762.96	0.07423	0.0639	0.05565	0.08044	6.73E-03	0.00027	1E-06	0.00019	0.00718	8.49E-03	0.000341	8.84E-07	0.000109	8.94E-03	0.008369	0.000293	7.22E-07	0.000116	0.008779
5852	488402.76	3859830.95	0.07032	0.06048	0.05355	0.07656	6.37E-03	0.00026	1E-06	0.00018	0.00681	8.04E-03	0.000323	8.51E-07	0.000104	8.47E-03	0.007929	0.000278	6.95E-07	0.00011	0.008317

5853	488404.14	3859898.55	0.06682	0.05798	0.05165	0.07325	6.06E-03	0.00025	9.7E-07	0.00017	0.00647	7.64E-03	0.00031	8.21E-07	9.9E-05	8.05E-03	0.007534	0.000266	6.7E-07	0.000105	0.007906
5854	488505.18	3859964.96	0.06416	0.05641	0.05036	0.07073	5.81E-03	0.00024	9.4E-07	0.00016	0.00622	7.34E-03	0.000301	8E-07	9.56E-05	7.74E-03	0.007234	0.000259	6.54E-07	0.000102	0.007595
5855	488604.84	3859963.76	0.06444	0.05731	0.05066	0.07104	5.84E-03	0.00024	9.5E-07	0.00016	0.00625	7.37E-03	0.000306	8.05E-07	9.61E-05	7.77E-03	0.007266	0.000263	6.58E-07	0.000102	0.007631
5856	488704.51	3859962.56	0.06477	0.05839	0.05092	0.07134	5.87E-03	0.00025	9.5E-07	0.00017	0.00628	7.41E-03	0.000312	8.09E-07	9.65E-05	7.82E-03	0.007303	0.000268	6.61E-07	0.000102	0.007674
5857	488804.18	3859961.37	0.06513	0.05937	0.05116	0.07175	5.90E-03	0.00025	9.6E-07	0.00017	0.00632	7.45E-03	0.000317	8.13E-07	9.7E-05	7.86E-03	0.007343	0.000273	6.64E-07	0.000103	0.00772
5858	488903.85	3859960.17	0.0655	0.06014	0.05139	0.07231	5.94E-03	0.00025	9.6E-07	0.00017	0.00636	7.49E-03	0.000321	8.17E-07	9.78E-05	7.91E-03	0.007385	0.000276	6.67E-07	0.000104	0.007766
5859	489003.52	3859958.97	0.0658	0.06063	0.05152	0.07288	5.96E-03	0.00026	9.6E-07	0.00017	0.00639	7.53E-03	0.000324	8.19E-07	9.85E-05	7.95E-03	0.007419	0.000278	6.69E-07	0.000105	0.007803
5860	489103.18	3859957.77	0.06605	0.06104	0.05163	0.07336	5.99E-03	0.00026	9.7E-07	0.00017	0.00641	7.55E-03	0.000326	8.21E-07	9.92E-05	7.98E-03	0.007447	0.00028	6.7E-07	0.000105	0.007833
5861	489201.48	3860046.59	0.06259	0.05849	0.04974	0.06988	5.67E-03	0.00025	9.3E-07	0.00016	0.00608	7.16E-03	0.000312	7.91E-07	9.45E-05	7.57E-03	0.007057	0.000269	6.46E-07	0.0001	0.007427
5862	489200.11	3860136.61	0.05911	0.05556	0.04772	0.06629	5.36E-03	0.00024	8.9E-07	0.00015	0.00575	6.76E-03	0.000297	7.58E-07	8.96E-05	7.15E-03	0.006665	0.000255	6.19E-07	9.52E-05	0.007016
5863	489198.74	3860226.63	0.056	0.05288	0.04584	0.06294	5.07E-03	0.00022	8.6E-07	0.00015	0.00545	6.41E-03	0.000282	7.29E-07	8.51E-05	6.77E-03	0.006314	0.000243	5.95E-07	9.04E-05	0.006648
5864	489197.38	3860316.65	0.05309	0.05031	0.04399	0.05978	4.81E-03	0.00021	8.2E-07	0.00014	0.00516	6.07E-03	0.000269	6.99E-07	8.08E-05	6.42E-03	0.005986	0.000231	5.71E-07	8.58E-05	0.006303
5865	489196.01	3860406.68	0.05051	0.04799	0.04229	0.0568	4.58E-03	0.0002	7.9E-07	0.00013	0.00491	5.78E-03	0.000256	6.72E-07	7.68E-05	6.11E-03	0.005695	0.00022	5.49E-07	8.16E-05	0.005997
5866	489194.64	3860496.7	0.04794	0.04562	0.04053	0.05396	4.34E-03	0.00019	7.6E-07	0.00012	0.00466	5.48E-03	0.000244	6.44E-07	7.3E-05	5.80E-03	0.005405	0.00021	5.26E-07	7.75E-05	0.005693
5867	489193.27	3860586.72	0.04578	0.04359	0.03902	0.05141	4.15E-03	0.00018	7.3E-07	0.00012	0.00445	5.24E-03	0.000233	6.2E-07	6.95E-05	5.54E-03	0.005162	0.0002	5.06E-07	7.38E-05	0.005436
5868	489092.02	3860678.13	0.04346	0.04107	0.03736	0.04862	3.94E-03	0.00017	7E-07	0.00011	0.00423	4.97E-03	0.000219	5.94E-07	6.57E-05	5.26E-03	0.0049	0.000189	4.85E-07	6.98E-05	0.005159
5869	488992.13	3860679.52	0.04317	0.04041	0.03714	0.04831	3.91E-03	0.00017	7E-07	0.00011	0.0042	4.94E-03	0.000216	5.9E-07	6.53E-05	5.22E-03	0.004867	0.000186	4.82E-07	6.94E-05	0.005123
5870	488892.24	3860680.92	0.04297	0.03986	0.03696	0.04815	3.89E-03	0.00017	6.9E-07	0.00011	0.00417	4.91E-03	0.000213	5.87E-07	6.51E-05	5.19E-03	0.004845	0.000183	4.8E-07	6.91E-05	0.005098
5871	488792.36	3860682.31	0.04278	0.03945	0.03675	0.04806	3.88E-03	0.00017	6.9E-07	0.00011	0.00416	4.89E-03	0.000211	5.84E-07	6.5E-05	5.17E-03	0.004823	0.000181	4.77E-07	6.9E-05	0.005074
5872	488692.47	3860683.7	0.04273	0.03935	0.0366	0.04804	3.87E-03	0.00017	6.9E-07	0.00011	0.00415	4.89E-03	0.00021	5.82E-07	6.5E-05	5.16E-03	0.004818	0.000181	4.75E-07	6.9E-05	0.005068
5873	488592.59	3860685.1	0.04254	0.03932	0.03633	0.04784	3.86E-03	0.00017	6.8E-07	0.00011	0.00413	4.87E-03	0.00021	5.77E-07	6.47E-05	5.14E-03	0.004796	0.000181	4.72E-07	6.87E-05	0.005046
5874	488492.71	3860686.49	0.04274	0.03981	0.03635	0.04775	3.87E-03	0.00017	6.8E-07	0.00011	0.00415	4.89E-03	0.000213	5.78E-07	6.46E-05	5.17E-03	0.004819	0.000183	4.72E-07	6.86E-05	0.005071
5875	488299.07	3860762.18	0.04207	0.04014	0.03574	0.04582	3.81E-03	0.00017	6.7E-07	0.00011	0.00409	4.81E-03	0.000214	5.68E-07	6.2E-05	5.09E-03	0.004743	0.000184	4.64E-07	6.58E-05	0.004994
5876	488205.32	3860764.09	0.04179	0.03996	0.03548	0.04536	3.79E-03	0.00017	6.6E-07	0.00011	0.00406	4.78E-03	0.000213	5.64E-07	6.13E-05	5.06E-03	0.004712	0.000184	4.61E-07	6.51E-05	0.004961
5877	488111.56	3860766	0.04138	0.03941	0.03518	0.04489	3.75E-03	0.00017	6.6E-07	0.0001	0.00402	4.73E-03	0.00021	5.59E-07	6.07E-05	5.00E-03	0.004666	0.000181	4.57E-07	6.45E-05	0.004911
5878	488017.81	3860767.91	0.04098	0.0386	0.03492	0.04452	3.71E-03	0.00016	6.5E-07	0.0001	0.00398	4.69E-03	0.000206	5.55E-07	6.02E-05	4.95E-03	0.00462	0.000177	4.53E-07	6.39E-05	0.004862
5879	487924.06	3860769.81	0.0407	0.03768	0.03477	0.04429	3.69E-03	0.00016	6.5E-07	0.0001	0.00395	4.66E-03	0.000201	5.53E-07	5.99E-05	4.92E-03	0.004589	0.000173	4.51E-07	6.36E-05	0.004826
5880	487830.31	3860771.72	0.04052	0.03675	0.03469	0.04417	3.67E-03	0.00016	6.5E-07	0.0001	0.00393	4.63E-03	0.000196	5.51E-07	5.97E-05	4.89E-03	0.004569	0.000169	4.5E-07	6.34E-05	0.004801
5881	487736.55	3860773.63	0.04043	0.03591	0.03468	0.04415	3.66E-03	0.00015	6.5E-07	0.0001	0.00392	4.62E-03	0.000192	5.51E-07	5.97E-05	4.88E-03	0.004558	0.000165	4.5E-07	6.34E-05	0.004787
5882	487642.8	3860775.54	0.04049	0.03536	0.03477	0.04428	3.67E-03	0.00015	6.5E-07	0.0001	0.00392	4.63E-03	0.000189	5.53E-07	5.99E-05	4.88E-03	0.004565	0.000162	4.51E-07	6.36E-05	0.004792
5883	487549.48	3860684.71	0.0423	0.03661	0.03611	0.04646	3.83E-03	0.00015	6.8E-07	0.00011	0.0041	4.84E-03	0.000195	5.74E-07	6.28E-05	5.10E-03	0.004769	0.000168	4.69E-07	6.67E-05	0.005005
5884	487549.91	3860591.97	0.0439	0.03802	0.03722	0.0484	3.98E-03	0.00016	7E-07	0.00011	0.00425	5.02E-03	0.000203	5.92E-07	6.54E-05	5.29E-03	0.00495	0.000175	4.83E-07	6.95E-05	0.005194
5885	487550.34	3860499.23	0.04586	0.03972	0.0386	0.05066	4.16E-03	0.00017	7.2E-07	0.00012	0.00444	5.25E-03	0.000212	6.13E-07	6.85E-05	5.53E-03	0.005171	0.000182	5.01E-07	7.28E-05	0.005426
5886	487550.76	3860406.49	0.04805	0.04162	0.04012	0.05318	4.35E-03	0.00018	7.5E-07	0.00012	0.00465	5.50E-03	0.000222	6.38E-07	7.19E-05	5.79E-03	0.005418	0.000191	5.21E-07	7.64E-05	0.005686
5887	487551.19	3860313.75	0.05025	0.04351	0.04162	0.0558	4.55E-03	0.00018	7.8E-07	0.00013	0.00487	5.75E-03	0.000232	6.61E-07	7.54E-05	6.06E-03	0.005666	0.0002	5.4E-07	8.01E-05	0.005946
5888	487551.62	3860221.01	0.05271	0.04562	0.04329	0.05872	4.78E-03	0.00019	8.1E-07	0.00014	0.00511	6.03E-03	0.000244	6.88E-07	7.94E-05	6.35E-03	0.005943	0.00021	5.62E-07	8.43E-05	0.006237
5889	487552.05	3860128.27	0.05571	0.04817	0.04532	0.06215	5.05E-03	0.0002	8.5E-07	0.00014	0.0054	6.37E-03	0.000257	7.2E-07	8.4E-05	6.71E-03	0.006281	0.000221	5.88E-07	8.93E-05	0.006592
5890	487552.48	3860035.53	0.05887	0.05084	0.0474	0.06581	5.33E-03	0.00022	8.9E-07	0.00015	0.0057	6.73E-03	0.000271	7.53E-07	8.9E-05	7.09E-03	0.006638	0.000233	6.15E-07	9.45E-05	0.006966
5891	487552.91	3859942.79	0.06177	0.05326	0.04924	0.06946	5.60E-03	0.00023	9.2E-07	0.00016	0.00598	7.07E-03	0.000284	7.83E-07	9.39E-05	7.44E-03	0.006965	0.000245	6.39E-07	9.97E-05	0.00731
5892	487553.33	3859850.05	0.06563	0.05646	0.05167	0.07392	5.95E-03	0.00024	9.7E-07	0.00017	0.00636	7.51E-03	0.000301	8.21E-07	9.99E-05	7.91E-03	0.0074	0.000259	6.71E-07	0.000106	0.007766
5893	487553.76	3859757.31	0.06945	0.05962	0.054	0.07857	6.29E-03	0.00025	1E-06	0.00018	0.00673	7.94E-03	0.000318	8.58E-07	0.000106	8.37E-03	0.00783	0.000274	7.01E-07	0.000113	0.008218
5894	487554.19	3859664.57	0.07372	0.06309	0.0565	0.08371	6.68E-03	0.00027	1.1E-06	0.00019	0.00714	8.43E-03	0.000337	8.98E-07	0.000113	8.88E-03	0.008312	0.00029	7.33E-07	0.00012	0.008723
5895	487460.2	3859571.05	0.07768	0.0658	0.05913	0.08929	7.04E-03	0.00028	1.1E-06	0.00021	0.00753	8.88E-03	0.000351	9.4E-07	0.000121	9.36E-03	0.008758	0.000302	7.68E-07	0.000128	0.00919
5896	487365.78	3859570.27	0.0771	0.06579	0.05917	0.08937	6.99E-03	0.00028	1.1E-06	0.00021	0.00747	8.82E-03	0.000351	9.4E-07	0.000121	9.29E-03	0.008693	0.000302	7.68E-07	0.000128	0.009124
5897	487271.36	3859569.48	0.07645	0.06653	0.0591	0.08954	6.93E-03	0.00028	1.1E-06	0.00021	0.00742	8.74E-03	0.000355	9.39E-07	0.000121	9.22E-03	0.00862	0.000306	7.67E-07	0.000129	0.009055
5898	487176.94	3859568.7	0.07577	0.06766	0.05896	0.08973	6.87E-03	0.00029	1.1E-06	0.00021	0.00736	8.67E-03	0.000361	9.37E-07	0.000121	9.15E-03	0.008543	0.000311	7.65E-07	0.000129	0.008983
5899	487082.51	3859567.92	0.07519	0.06892	0.05892	0.08992	6.81E-03	0.00029	1.1E-06	0.00021	0.00731	8.60E-03	0.000368	9.36E-07	0.000122	9.09E-03	0.008478	0.000317	7.65E-07	0.000129	0.008924
5900	486988.09	3859567.14	0.07456	0.07	0.05895	0.08991	6.76E-03	0.0003	1.1E-06	0.00021	0.00726	8.53E-03	0.000374	9.37E-07	0.000122	9.02E-03	0.008407	0.000321	7.65E-07	0.000129	0.008858
5901	486893.67	3859566.36	0.07399	0.07094	0.05913	0.08977	6.71E-03	0.0003	1.1E-06	0.00021	0.00721	8.46E-03	0.000379	9.4E-07	0.000121	8.96E-03	0.008342	0.000326	7.68E-07	0.000129	0.008798
5902	486799.25	3859565.58	0.07341	0.07161	0.05937	0.08949	6.65E-03	0.0003	1.1E-06	0.00021	0.00716	8.40E-03	0.000382	9.44E-07	0.000121	8.90E-03	0.008277	0.000329	7.71E-07	0.000129	0.008735
5903	486704.83	3859564.79	0.07287	0.07192	0.05964	0.08909	6.60E-03	0.0003	1.1E-06	0.00021	0.00712	8.33E-03	0.000384	9.48E-07	0.00012	8.84E-03	0.008216	0.00033	7.74E-07	0.000128	0.008675
5904	486610.41	3859564.01	0.07236	0.07184	0.05991	0.08853	6.56E-03	0.0003	1.1E-06	0.00021	0.00707	8.28E-03	0.000384	9.52E-07	0.00012	8.78E-03	0.008159	0.00033	7.78E-07	0.000127	0.008616
5905	486515.99	3859563.23	0.07159	0.07126	0.06	0.08761	6.49E-03	0.0003	1.1E-06	0.0002	0.00699	8.19E-03	0.00038	9.54E-07	0.000118	8.69E-03	0.008072	0.000327	7.79E-07	0.000126	0.008526
5906	486421.57	3859562.45	0.07096	0.07083	0.06023	0.0867	6.43E-03	0.0003	1.1E-06	0.0002	0.00693	8.12E-03	0.000378	9.57E-07	0.000117	8.61E-03	0.008001	0.000325	7.82E-07	0.000125	0.008451
5907	486327.14	3859561.67	0.07047	0.07078	0.06056	0.08585	6.39E-03	0.0003	1.1E-06	0.0002	0.00689	8.06E-03	0.000378	9.62E-07	0.000116	8.56E-03	0.007945	0.000325	7.86E-07	0.000123	0.008395
5908	486232.72	3859560.89	0.0697	0.0708	0.06062	0.08477	6.32E-03	0.0003	1.1E-06	0.0002	0.00681	7.97E-03	0.000378	9.63E-07	0.000115	8.47E-03	0.007859	0.000325	7.87E-07	0.000122	0.008306
5909	486138.3	3859560.1	0.069	0.07114	0.06064	0.08372	6.25E-03	0.0003	1.1E-06	0.00019	0.00675	7.89E-03	0.00038	9.64E-07	0.000113	8.39E-03	0.00778	0.000327	7.87E-07	0.00012	0.008227
5910	486043.88	3859559.32	0.06823	0.07138	0.06052	0.0826	6.18E-03	0.0003	1.1E-06	0.00019	0.00668	7.80E-03	0.000381	9.62E-07	0.000112	8.30E-03	0.007693	0.000328	7.86E-07	0.000119	0.00814
5911	485949.35	3859463.54	0.07064	0.07506	0.0633	0.08583	6.40E-03	0.00032	1.2E-06	0.0002	0.00692	8.08E-03	0.000401	1.01E-06	0.000116	8.60E-03	0.007965	0.000345	8.22E-07	0.000123	0.008433
5912	485949.24	3859368.55	0.07413	0.07912	0.06653	0.09068	6.72E-03	0.00033	1.2E-06	0.00021	0.00726	8.48E-03	0.000422	1.06E-06	0.000123	9.02E-03	0.008358	0.000363	8.64E-07	0.00013	0.008853
5913	485949.12	3859273.55	0.07798	0.0835	0.07012	0.09623	7.07E-03	0.00035	1.3E-06	0.00022	0.00764	8.92E-03	0.000446	1.11E-06	0.00013	9.50E-03	0.008792	0.000383	9.1E-07	0.000138	0.009315

5914	485949.01	3859178.56	0.08204	0.088	0.07395	0.10254	7.43E-03	0.00037	1.4E-06	0.00024	0.00805	9.38E-03	0.00047	1.18E-06	0.000139	9.99E-03	0.00925	0.000404	9.6E-07	0.000147	0.009802
5915	485948.9	3859083.56	0.08662	0.09294	0.07835	0.1098	7.85E-03	0.00039	1.5E-06	0.00025	0.0085	9.91E-03	0.000496	1.25E-06	0.000148	1.06E-02	0.009766	0.000427	1.02E-06	0.000158	0.010352
5916	485948.79	3858988.56	0.09125	0.0977	0.08286	0.1174	8.27E-03	0.00041	1.6E-06	0.00027	0.00896	1.04E-02	0.000522	1.32E-06	0.000159	1.11E-02	0.010288	0.000449	1.08E-06	0.000169	0.010907
5917	485948.67	3858893.57	0.09621	0.10251	0.08772	0.12542	8.72E-03	0.00043	1.6E-06	0.00029	0.00944	1.10E-02	0.000547	1.39E-06	0.00017	1.17E-02	0.010848	0.000471	1.14E-06	0.00018	0.0115
5918	485948.56	3858798.57	0.10218	0.10814	0.09349	0.13443	9.26E-03	0.00046	1.8E-06	0.00031	0.01003	1.17E-02	0.000577	1.49E-06	0.000182	1.24E-02	0.011521	0.000497	1.21E-06	0.000193	0.012212
5919	485948.45	3858703.58	0.10783	0.11331	0.09907	0.14322	9.77E-03	0.00048	1.9E-06	0.00033	0.01058	1.23E-02	0.000605	1.57E-06	0.000194	1.31E-02	0.012158	0.00052	1.29E-06	0.000206	0.012885
5920	485948.34	3858608.58	0.11467	0.11982	0.10593	0.15315	1.04E-02	0.00051	2E-06	0.00035	0.01126	1.31E-02	0.00064	1.68E-06	0.000207	1.40E-02	0.012929	0.00055	1.38E-06	0.00022	0.013701
5921	485948.22	3858513.59	0.12202	0.12696	0.11351	0.16373	1.11E-02	0.00054	2.1E-06	0.00038	0.01198	1.40E-02	0.000678	1.8E-06	0.000221	1.49E-02	0.013758	0.000583	1.47E-06	0.000235	0.014577
5922	485948.11	3858418.59	0.12974	0.13486	0.12168	0.17508	1.18E-02	0.00057	2.3E-06	0.00041	0.01274	1.48E-02	0.00072	1.93E-06	0.000237	1.58E-02	0.014628	0.000619	1.58E-06	0.000251	0.0155
5923	485948	3858323.59	0.13872	0.14562	0.13127	0.18823	1.26E-02	0.00062	2.5E-06	0.00044	0.01363	1.59E-02	0.000778	2.09E-06	0.000255	1.69E-02	0.015641	0.000669	1.7E-06	0.00027	0.016581
5924	485947.89	3858228.6	0.14782	0.15935	0.14124	0.2018	1.34E-02	0.00067	2.6E-06	0.00047	0.01454	1.69E-02	0.000851	2.24E-06	0.000273	1.80E-02	0.016667	0.000732	1.83E-06	0.00029	0.01769
5925	485947.77	3858133.6	0.15777	0.1761	0.15225	0.21645	1.43E-02	0.00074	2.9E-06	0.0005	0.01555	1.80E-02	0.00094	2.42E-06	0.000293	1.93E-02	0.017789	0.000809	1.98E-06	0.000311	0.01891
5926	485947.66	3858038.61	0.17057	0.19566	0.16645	0.2349	1.55E-02	0.00083	3.1E-06	0.00054	0.01683	1.95E-02	0.001045	2.65E-06	0.000318	2.09E-02	0.019232	0.000899	2.16E-06	0.000337	0.02047
5927	485854.54	3857943.35	0.17535	0.2001	0.17578	0.24092	1.59E-02	0.00085	3.3E-06	0.00056	0.0173	2.01E-02	0.001068	2.79E-06	0.000326	2.15E-02	0.019771	0.000919	2.28E-06	0.000346	0.021038
5928	485761.52	3857943.09	0.16876	0.18829	0.17123	0.23012	1.53E-02	0.0008	3.2E-06	0.00053	0.01663	1.93E-02	0.001005	2.72E-06	0.000311	2.06E-02	0.019028	0.000865	2.22E-06	0.00033	0.020225
5929	485668.51	3857942.83	0.16319	0.17771	0.16754	0.22072	1.48E-02	0.00075	3.1E-06	0.00051	0.01605	1.87E-02	0.000949	2.66E-06	0.000298	1.99E-02	0.0184	0.000816	2.17E-06	0.000317	0.019535
5930	485575.5	3857942.56	0.15731	0.16703	0.16335	0.21107	1.43E-02	0.00071	3.1E-06	0.00049	0.01545	1.80E-02	0.000892	2.6E-06	0.000285	1.92E-02	0.017737	0.000767	2.12E-06	0.000303	0.018809
5931	485482.48	3857942.3	0.15239	0.15745	0.1599	0.20268	1.38E-02	0.00067	3E-06	0.00047	0.01495	1.74E-02	0.000841	2.54E-06	0.000274	1.85E-02	0.017182	0.000723	2.08E-06	0.000291	0.018198
5932	485389.47	3857942.04	0.14768	0.14843	0.15633	0.19472	1.34E-02	0.00063	2.9E-06	0.00045	0.01446	1.69E-02	0.000793	2.48E-06	0.000263	1.79E-02	0.016651	0.000682	2.03E-06	0.00028	0.017614
5933	485296.46	3857941.78	0.14325	0.14007	0.15273	0.18733	1.30E-02	0.00059	2.9E-06	0.00043	0.01401	1.64E-02	0.000748	2.43E-06	0.000253	1.74E-02	0.016151	0.000643	1.98E-06	0.000269	0.017066
5934	485203.45	3857941.52	0.13955	0.13279	0.14965	0.18083	1.26E-02	0.00056	2.8E-06	0.00042	0.01363	1.60E-02	0.000709	2.38E-06	0.000245	1.69E-02	0.015734	0.00061	1.94E-06	0.00026	0.016606
5935	485110.43	3857941.26	0.1354	0.12541	0.14588	0.17431	1.23E-02	0.00053	2.7E-06	0.0004	0.01321	1.55E-02	0.00067	2.32E-06	0.000236	1.64E-02	0.015266	0.000576	1.89E-06	0.00025	0.016094
5936	485017.42	3857940.99	0.13121	0.11828	0.14194	0.16802	1.19E-02	0.0005	2.7E-06	0.00039	0.01278	1.50E-02	0.000632	2.26E-06	0.000227	1.59E-02	0.014794	0.000543	1.84E-06	0.000241	0.01558
5937	484924.41	3857940.73	0.12724	0.11171	0.13817	0.16208	1.15E-02	0.00047	2.6E-06	0.00038	0.01238	1.46E-02	0.000596	2.2E-06	0.000219	1.54E-02	0.014346	0.000513	1.79E-06	0.000233	0.015094
5938	484831.39	3857940.47	0.12373	0.106	0.13485	0.15654	1.12E-02	0.00045	2.5E-06	0.00036	0.01203	1.42E-02	0.000566	2.14E-06	0.000212	1.49E-02	0.013951	0.000487	1.75E-06	0.000225	0.014664
5939	484738.12	3857859.3	0.12533	0.10239	0.138	0.15753	1.14E-02	0.00043	2.6E-06	0.00036	0.01216	1.43E-02	0.000547	2.19E-06	0.000213	1.51E-02	0.014131	0.00047	1.79E-06	0.000226	0.014829
5940	484737.85	3857778.4	0.131	0.10466	0.14512	0.1645	1.19E-02	0.00044	2.7E-06	0.00038	0.0127	1.50E-02	0.000559	2.31E-06	0.000222	1.58E-02	0.01477	0.000481	1.88E-06	0.000236	0.015489
5941	484737.59	3857697.49	0.13677	0.10719	0.15237	0.17174	1.24E-02	0.00045	2.9E-06	0.0004	0.01325	1.56E-02	0.000572	2.42E-06	0.000232	1.65E-02	0.015421	0.000492	1.98E-06	0.000247	0.016162
5942	484737.32	3857616.59	0.14256	0.10966	0.15977	0.17926	1.29E-02	0.00046	3E-06	0.00042	0.0138	1.63E-02	0.000586	2.54E-06	0.000242	1.71E-02	0.016074	0.000504	2.07E-06	0.000257	0.016837
5943	484645.53	3857535.18	0.14411	0.10793	0.16271	0.17984	1.31E-02	0.00046	3E-06	0.00042	0.01394	1.65E-02	0.000576	2.59E-06	0.000243	1.73E-02	0.016248	0.000496	2.11E-06	0.000258	0.017004
5944	484553.99	3857534.67	0.13931	0.10418	0.15729	0.17246	1.26E-02	0.00044	2.9E-06	0.0004	0.01347	1.59E-02	0.000556	2.5E-06	0.000233	1.67E-02	0.015707	0.000478	2.04E-06	0.000248	0.016435
5945	484462.46	3857534.17	0.13517	0.10151	0.15251	0.16564	1.22E-02	0.00043	2.9E-06	0.00038	0.01307	1.55E-02	0.000542	2.42E-06	0.000224	1.62E-02	0.01524	0.000466	1.98E-06	0.000238	0.015946
5946	484370.93	3857533.66	0.13107	0.09923	0.14765	0.15903	1.19E-02	0.00042	2.8E-06	0.00037	0.01267	1.50E-02	0.00053	2.35E-06	0.000215	1.57E-02	0.014778	0.000456	1.92E-06	0.000228	0.015464
5947	484279.4	3857533.16	0.12726	0.09733	0.14302	0.15267	1.15E-02	0.00041	2.7E-06	0.00035	0.0123	1.46E-02	0.00052	2.27E-06	0.000206	1.53E-02	0.014349	0.000447	1.86E-06	0.000219	0.015017
5948	484187.86	3857532.65	0.12344	0.09548	0.13834	0.14649	1.12E-02	0.0004	2.6E-06	0.00034	0.01193	1.41E-02	0.00051	2.2E-06	0.000198	1.48E-02	0.013918	0.000438	1.8E-06	0.00021	0.014568
5949	484096.33	3857532.15	0.12004	0.09405	0.13416	0.14073	1.09E-02	0.0004	2.5E-06	0.00033	0.0116	1.37E-02	0.000502	2.13E-06	0.00019	1.44E-02	0.013534	0.000432	1.74E-06	0.000202	0.01417
5950	484004.8	3857531.64	0.11638	0.09249	0.12969	0.13523	1.05E-02	0.00039	2.4E-06	0.00031	0.01125	1.33E-02	0.000494	2.06E-06	0.000183	1.40E-02	0.013122	0.000425	1.68E-06	0.000194	0.013742
5951	483913.27	3857531.14	0.11249	0.09068	0.12495	0.12996	1.02E-02	0.00038	2.3E-06	0.0003	0.01088	1.29E-02	0.000484	1.99E-06	0.000176	1.35E-02	0.012683	0.000416	1.62E-06	0.000187	0.013288
5952	483821.73	3857530.63	0.10909	0.08905	0.12078	0.12505	9.89E-03	0.00038	2.3E-06	0.00029	0.01055	1.25E-02	0.000475	1.92E-06	0.000169	1.31E-02	0.0123	0.000409	1.57E-06	0.00018	0.01289
5953	483729.61	3857450.11	0.10925	0.08943	0.12083	0.12373	9.90E-03	0.00038	2.3E-06	0.00029	0.01057	1.25E-02	0.000478	1.92E-06	0.000167	1.31E-02	0.012318	0.000411	1.57E-06	0.000178	0.012908
5954	483729.03	3857370.08	0.11334	0.09252	0.12562	0.12743	1.03E-02	0.00039	2.4E-06	0.0003	0.01096	1.30E-02	0.000494	2E-06	0.000172	1.36E-02	0.012779	0.000425	1.63E-06	0.000183	0.013389
5955	483728.44	3857290.06	0.11711	0.09555	0.12999	0.13111	1.06E-02	0.0004	2.4E-06	0.0003	0.01132	1.34E-02	0.00051	2.07E-06	0.000177	1.41E-02	0.013204	0.000439	1.69E-06	0.000188	0.013833
5956	483727.86	3857210.03	0.12086	0.09868	0.13437	0.13485	1.10E-02	0.00042	2.5E-06	0.00031	0.01168	1.38E-02	0.000527	2.14E-06	0.000182	1.45E-02	0.013627	0.000453	1.74E-06	0.000194	0.014275
5957	483641.15	3857129.07	0.12112	0.10041	0.13438	0.13277	1.10E-02	0.00042	2.5E-06	0.00031	0.01171	1.39E-02	0.000536	2.14E-06	0.00018	1.46E-02	0.013656	0.000461	1.74E-06	0.000191	0.01431
5958	483555.03	3857128.14	0.11732	0.09889	0.12967	0.1272	1.06E-02	0.00042	2.4E-06	0.00029	0.01135	1.34E-02	0.000528	2.06E-06	0.000172	1.41E-02	0.013228	0.000454	1.68E-06	0.000183	0.013866
5959	483468.91	3857127.2	0.11303	0.09701	0.12436	0.12189	1.02E-02	0.00041	2.3E-06	0.00028	0.01094	1.29E-02	0.000518	1.98E-06	0.000165	1.36E-02	0.012744	0.000446	1.61E-06	0.000175	0.013366
5960	483382.78	3857126.26	0.10995	0.09609	0.12043	0.11707	9.96E-03	0.00041	2.3E-06	0.00027	0.01064	1.26E-02	0.000513	1.91E-06	0.000158	1.32E-02	0.012397	0.000441	1.56E-06	0.000168	0.013008
5961	483296.66	3857125.32	0.10655	0.09463	0.11606	0.11245	9.66E-03	0.0004	2.2E-06	0.00026	0.01032	1.22E-02	0.000505	1.84E-06	0.000152	1.28E-02	0.012013	0.000435	1.51E-06	0.000161	0.012611
5962	483210.54	3857124.39	0.10309	0.09277	0.1116	0.10806	9.34E-03	0.00039	2.1E-06	0.00025	0.00999	1.18E-02	0.000495	1.77E-06	0.000146	1.24E-02	0.011623	0.000426	1.45E-06	0.000155	0.012206
5963	483123.4	3857030.96	0.10306	0.0942	0.11073	0.10652	9.34E-03	0.0004	2.1E-06	0.00025	0.00999	1.18E-02	0.000503	1.76E-06	0.000144	1.24E-02	0.01162	0.000433	1.44E-06	0.000153	0.012207
5964	483122.38	3856938.46	0.10666	0.09811	0.11444	0.10913	9.67E-03	0.00042	2.1E-06	0.00025	0.01034	1.22E-02	0.000524	1.82E-06	0.000148	1.29E-02	0.012026	0.000451	1.49E-06	0.000157	0.012635
5965	483121.35	3856845.97	0.11037	0.10238	0.1182	0.11166	1.00E-02	0.00043	2.2E-06	0.00026	0.0107	1.26E-02	0.000547	1.88E-06	0.000151	1.33E-02	0.012444	0.00047	1.53E-06	0.00016	0.013076
5966	483120.33	3856753.47	0.11332	0.10618	0.12102	0.11418	1.03E-02	0.00045	2.3E-06	0.00026	0.01099	1.30E-02	0.000567	1.92E-06	0.000154	1.37E-02	0.012777	0.000488	1.57E-06	0.000164	0.01343
5967	483119.31	3856660.98	0.11634	0.11013	0.1239	0.11656	1.05E-02	0.00047	2.3E-06	0.00027	0.01128	1.33E-02	0.000588	1.97E-06	0.000158	1.41E-02	0.013117	0.000506	1.61E-06	0.000167	0.013792
5968	483118.29	3856568.49	0.11982	0.11437	0.12728	0.11878	1.09E-02	0.00048	2.4E-06	0.00028	0.01162	1.37E-02	0.000611	2.02E-06	0.000161	1.45E-02	0.01351	0.000525	1.65E-06	0.000171	0.014207
5969	483117.26	3856475.99	0.12363	0.11865	0.13097	0.12085	1.12E-02	0.0005	2.5E-06	0.00028	0.01199	1.41E-02	0.000634	2.08E-06	0.000163	1.49E-02	0.013939	0.000545	1.7E-06	0.000174	0.014659
5970	483116.24	3856383.5	0.12724	0.12251	0.13436	0.12279	1.15E-02	0.00052	2.5E-06	0.00028	0.01234	1.46E-02	0.000654	2.14E-06	0.000166	1.54E-02	0.014346	0.000563	1.74E-06	0.000176	0.015087
5971	483115.22	3856291.01	0.13103	0.1266	0.13783	0.12439	1.19E-02	0.00054	2.6E-06	0.00029	0.0127	1.50E-02	0.000676	2.19E-06	0.000168	1.58E-02	0.014774	0.000581	1.79E-06	0.000179	0.015535
5972	483114.2	3856198.51	0.13448	0.13054	0.14073	0.12528	1.22E-02	0.00055	2.6E-06	0.00029	0.01303	1.54E-02	0.000697	2.24E-06	0.000169	1.63E-02	0.015163	0.000599	1.83E-06	0.00018	0.015944
5973	483113.17	3856106.02	0.1391	0.13614	0.14462	0.125	1.26E-02	0.00058	2.7E-06	0.00029	0.01347	1.59E-02	0.000727	2.3E-06	0.000169	1.68E-02	0.015683	0.000625	1.88E-06	0.00018	0.01649
5974	483112.15	3856013.52	0.14303	0.1423	0.14735	0.12403	1.30E-02	0.0006	2.8E-06	0.00029	0.01385	1.64E-02	0.00076	2.34E-06	0.000168	1.73E-02	0.016127	0.000653	1.91E-06	0.000178	0.01696

5975	483029.25	3855920.47	0.14148	0.14705	0.14335	0.11657	1.28E-02	0.00062	2.7E-06	0.00027	0.01372	1.62E-02	0.000785	2.28E-06	0.000158	1.71E-02	0.015952	0.000675	1.86E-06	0.000167	0.016796
5976	482947.37	3855919.91	0.13567	0.14271	0.13675	0.11105	1.23E-02	0.0006	2.6E-06	0.00026	0.01316	1.55E-02	0.000762	2.17E-06	0.00015	1.64E-02	0.015297	0.000655	1.78E-06	0.000159	0.016113
5977	482865.49	3855919.36	0.13002	0.13847	0.13037	0.106	1.18E-02	0.00059	2.4E-06	0.00025	0.01262	1.49E-02	0.000739	2.07E-06	0.000143	1.58E-02	0.01466	0.000636	1.69E-06	0.000152	0.01545
5978	482783.61	3855918.8	0.12523	0.13494	0.12484	0.1013	1.13E-02	0.00057	2.3E-06	0.00023	0.01216	1.43E-02	0.000721	1.98E-06	0.000137	1.52E-02	0.01412	0.00062	1.62E-06	0.000145	0.014886
5979	482700.33	3855818.39	0.12351	0.13847	0.11946	0.09596	1.12E-02	0.00059	2.2E-06	0.00022	0.012	1.41E-02	0.000739	1.9E-06	0.00013	1.50E-02	0.013926	0.000636	1.55E-06	0.000138	0.014701
5980	482698.92	3855718.54	0.12701	0.14457	0.11955	0.09486	1.15E-02	0.00061	2.2E-06	0.00022	0.01234	1.45E-02	0.000772	1.9E-06	0.000128	1.54E-02	0.01432	0.000664	1.55E-06	0.000136	0.015122
5981	482697.52	3855618.68	0.12984	0.14725	0.11877	0.09359	1.18E-02	0.00062	2.2E-06	0.00022	0.01261	1.49E-02	0.000786	1.89E-06	0.000127	1.58E-02	0.014639	0.000676	1.54E-06	0.000134	0.015452
5982	482696.11	3855518.83	0.13327	0.14841	0.11827	0.09158	1.21E-02	0.00063	2.2E-06	0.00021	0.01292	1.52E-02	0.000792	1.88E-06	0.000124	1.62E-02	0.015026	0.000682	1.54E-06	0.000132	0.015841
5983	482694.71	3855418.98	0.13568	0.14748	0.11681	0.08975	1.23E-02	0.00062	2.2E-06	0.00021	0.01313	1.55E-02	0.000787	1.86E-06	0.000121	1.64E-02	0.015298	0.000677	1.52E-06	0.000129	0.016106
5984	482693.3	3855319.13	0.13799	0.1471	0.11527	0.0878	1.25E-02	0.00062	2.2E-06	0.0002	0.01333	1.58E-02	0.000785	1.83E-06	0.000119	1.67E-02	0.015558	0.000676	1.5E-06	0.000126	0.016361
5985	482691.9	3855219.27	0.141	0.14831	0.11368	0.08538	1.28E-02	0.00063	2.1E-06	0.0002	0.01361	1.61E-02	0.000792	1.81E-06	0.000115	1.70E-02	0.015898	0.000681	1.48E-06	0.000123	0.016703
5986	482690.49	3855119.42	0.14357	0.14951	0.11081	0.08248	1.30E-02	0.00063	2.1E-06	0.00019	0.01384	1.64E-02	0.000798	1.76E-06	0.000112	1.73E-02	0.016187	0.000687	1.44E-06	0.000118	0.016994
5987	482689.09	3855019.57	0.14791	0.15162	0.10843	0.07858	1.34E-02	0.00064	2E-06	0.00018	0.01423	1.69E-02	0.00081	1.72E-06	0.000106	1.78E-02	0.016677	0.000696	1.41E-06	0.000113	0.017487
5988	482687.68	3854919.71	0.15131	0.15158	0.10465	0.07437	1.37E-02	0.00064	2E-06	0.00017	0.01453	1.73E-02	0.000809	1.66E-06	0.000101	1.82E-02	0.01706	0.000696	1.36E-06	0.000107	0.017864
5989	482686.28	3854819.86	0.15595	0.15129	0.10042	0.06911	1.41E-02	0.00064	1.9E-06	0.00016	0.01493	1.78E-02	0.000808	1.6E-06	9.34E-05	1.87E-02	0.017583	0.000695	1.3E-06	9.92E-05	0.018379
5990	482684.88	3854720.01	0.15939	0.14753	0.09453	0.0639	1.44E-02	0.00062	1.8E-06	0.00015	0.01522	1.82E-02	0.000788	1.5E-06	8.64E-05	1.91E-02	0.017971	0.000678	1.23E-06	9.18E-05	0.018742
5991	482683.47	3854620.16	0.16596	0.14235	0.08858	0.05786	1.50E-02	0.0006	1.7E-06	0.00013	0.01578	1.90E-02	0.00076	1.41E-06	7.82E-05	1.98E-02	0.018712	0.000654	1.15E-06	8.31E-05	0.01945
5992	482682.07	3854520.31	0.17244	0.1319	0.08196	0.05245	1.56E-02	0.00056	1.5E-06	0.00012	0.01631	1.97E-02	0.000704	1.3E-06	7.09E-05	2.05E-02	0.019443	0.000606	1.06E-06	7.53E-05	0.020125
5993	482680.66	3854420.45	0.17931	0.11809	0.07617	0.04835	1.62E-02	0.0005	1.4E-06	0.00011	0.01686	2.05E-02	0.000631	1.21E-06	6.54E-05	2.12E-02	0.020217	0.000542	9.89E-07	6.94E-05	0.02083
5994	482679.26	3854320.6	0.1848	0.10471	0.07157	0.0457	1.67E-02	0.00044	1.3E-06	0.00011	0.0173	2.11E-02	0.000559	1.14E-06	6.18E-05	2.18E-02	0.020836	0.000481	9.29E-07	6.56E-05	0.021384
5995	482677.85	3854220.75	0.19577	0.09643	0.069	0.04353	1.77E-02	0.00041	1.3E-06	0.0001	0.01825	2.24E-02	0.000515	1.1E-06	5.89E-05	2.30E-02	0.022073	0.000443	8.96E-07	6.25E-05	0.022579
5996	482676.45	3854120.9	0.19536	0.08859	0.06571	0.04252	1.77E-02	0.00037	1.2E-06	9.8E-05	0.01818	2.23E-02	0.000473	1.04E-06	5.75E-05	2.29E-02	0.022027	0.000407	8.53E-07	6.11E-05	0.022496
5997	482675.04	3854021.04	0.19686	0.08184	0.06253	0.0408	1.78E-02	0.00035	1.2E-06	9.5E-05	0.01828	2.25E-02	0.000437	9.94E-07	5.52E-05	2.30E-02	0.022196	0.000376	8.12E-07	5.86E-05	0.022631
5998	482673.64	3853921.19	0.19786	0.0747	0.05905	0.0389	1.79E-02	0.00032	1.1E-06	9E-05	0.01834	2.26E-02	0.000399	9.38E-07	5.26E-05	2.31E-02	0.022309	0.000343	7.66E-07	5.59E-05	0.022708
5999	482672.23	3853821.34	0.20225	0.06839	0.05574	0.03639	1.83E-02	0.00029	1E-06	8.4E-05	0.0187	2.31E-02	0.000365	8.86E-07	4.92E-05	2.35E-02	0.022804	0.000314	7.24E-07	5.23E-05	0.023171
6000	482670.83	3853721.48	0.19985	0.06323	0.05242	0.03378	1.81E-02	0.00027	9.8E-07	7.8E-05	0.01846	2.29E-02	0.000338	8.33E-07	4.57E-05	2.32E-02	0.022533	0.00029	6.8E-07	4.85E-05	0.022873
6001	482669.42	3853621.63	0.17698	0.05981	0.04957	0.03168	1.60E-02	0.00025	9.3E-07	7.3E-05	0.01637	2.02E-02	0.000319	7.88E-07	4.28E-05	2.06E-02	0.019954	0.000275	6.43E-07	4.55E-05	0.020275
6002	482645.99	3853446.13	0.10038	0.0562	0.04642	0.02963	9.10E-03	0.00024	8.7E-07	6.9E-05	0.0094	1.15E-02	0.0003	7.38E-07	4.01E-05	1.18E-02	0.011318	0.000258	6.03E-07	4.26E-05	0.011619
6003	482623.97	3853370.48	0.08438	0.05462	0.04549	0.02939	7.65E-03	0.00023	8.5E-07	6.8E-05	0.00795	9.65E-03	0.000292	7.23E-07	3.97E-05	9.98E-03	0.009514	0.000251	5.9E-07	4.22E-05	0.009807
6004	482601.94	3853294.84	0.07424	0.05297	0.04475	0.02934	6.73E-03	0.00022	8.4E-07	6.8E-05	0.00702	8.49E-03	0.000283	7.11E-07	3.97E-05	8.81E-03	0.008371	0.000243	5.81E-07	4.21E-05	0.008657
6005	482531.29	3853133.44	0.06153	0.04901	0.04314	0.02928	5.58E-03	0.00021	8.1E-07	6.8E-05	0.00585	7.04E-03	0.000262	6.86E-07	3.96E-05	7.34E-03	0.006937	0.000225	5.6E-07	4.2E-05	0.007205
6006	482482.68	3853047.69	0.05729	0.04705	0.04226	0.02905	5.19E-03	0.0002	7.9E-07	6.7E-05	0.00546	6.55E-03	0.000251	6.72E-07	3.93E-05	6.84E-03	0.006459	0.000216	5.49E-07	4.17E-05	0.006718
6007	482383.09	3852897.4	0.05111	0.04333	0.04024	0.02863	4.63E-03	0.00018	7.5E-07	6.6E-05	0.00488	5.85E-03	0.000231	6.4E-07	3.87E-05	6.12E-03	0.005763	0.000199	5.22E-07	4.11E-05	0.006003
6008	482265.64	3852765.26	0.04674	0.04033	0.03809	0.02754	4.24E-03	0.00017	7.1E-07	6.4E-05	0.00447	5.35E-03	0.000215	6.05E-07	3.72E-05	5.60E-03	0.00527	0.000185	4.94E-07	3.95E-05	0.005495
6009	482199.16	3852697.66	0.04478	0.03895	0.037	0.02686	4.06E-03	0.00016	6.9E-07	6.2E-05	0.00429	5.12E-03	0.000208	5.88E-07	3.63E-05	5.37E-03	0.005049	0.000179	4.8E-07	3.86E-05	0.005267
6010	482132.69	3852630.07	0.04302	0.03769	0.03598	0.02617	3.90E-03	0.00016	6.7E-07	6.1E-05	0.00412	4.92E-03	0.000201	5.72E-07	3.54E-05	5.16E-03	0.00485	0.000173	4.67E-07	3.76E-05	0.005062
6011	482066.21	3852562.48	0.04138	0.03648	0.035	0.02554	3.75E-03	0.00015	6.6E-07	5.9E-05	0.00396	4.73E-03	0.000195	5.56E-07	3.45E-05	4.96E-03	0.004666	0.000168	4.54E-07	3.67E-05	0.00487
6012	481999.74	3852494.89	0.03982	0.0353	0.03403	0.02496	3.61E-03	0.00015	6.4E-07	5.8E-05	0.00382	4.55E-03	0.000188	5.41E-07	3.37E-05	4.78E-03	0.00449	0.000162	4.42E-07	3.58E-05	0.004688
6013	481933.26	3852427.29	0.03838	0.03419	0.03311	0.0244	3.48E-03	0.00014	6.2E-07	5.7E-05	0.00368	4.39E-03	0.000183	5.26E-07	3.3E-05	4.61E-03	0.004327	0.000157	4.3E-07	3.5E-05	0.00452
6014	481866.79	3852359.7	0.03712	0.03322	0.03229	0.02381	3.36E-03	0.00014	6E-07	5.5E-05	0.00356	4.25E-03	0.000177	5.13E-07	3.22E-05	4.46E-03	0.004185	0.000153	4.19E-07	3.42E-05	0.004372
6015	481800.31	3852292.11	0.03595	0.03231	0.03151	0.02324	3.26E-03	0.00014	5.9E-07	5.4E-05	0.00345	4.11E-03	0.000173	5.01E-07	3.14E-05	4.32E-03	0.004053	0.000148	4.09E-07	3.34E-05	0.004236
6016	481733.84	3852224.52	0.03483	0.03142	0.03074	0.0227	3.16E-03	0.00013	5.8E-07	5.3E-05	0.00334	3.98E-03	0.000168	4.89E-07	3.07E-05	4.18E-03	0.003927	0.000144	3.99E-07	3.26E-05	0.004104
6017	481667.36	3852156.92	0.03382	0.03062	0.03004	0.02212	3.06E-03	0.00013	5.6E-07	5.1E-05	0.00325	3.87E-03	0.000163	4.77E-07	2.99E-05	4.06E-03	0.003813	0.000141	3.9E-07	3.18E-05	0.003986
6018	481600.89	3852089.33	0.03277	0.02974	0.02929	0.0217	2.97E-03	0.00013	5.5E-07	5E-05	0.00315	3.75E-03	0.000159	4.66E-07	2.93E-05	3.94E-03	0.003695	0.000137	3.8E-07	3.12E-05	0.003863
6019	481534.41	3852021.74	0.03177	0.02888	0.02855	0.02133	2.88E-03	0.00012	5.3E-07	4.9E-05	0.00305	3.63E-03	0.000154	4.54E-07	2.88E-05	3.82E-03	0.003582	0.000133	3.71E-07	3.06E-05	0.003746
6020	481467.94	3851954.15	0.03085	0.02808	0.02786	0.02094	2.80E-03	0.00012	5.2E-07	4.9E-05	0.00296	3.53E-03	0.00015	4.43E-07	2.83E-05	3.71E-03	0.003478	0.000129	3.62E-07	3.01E-05	0.003638
6021	481401.46	3851886.55	0.03001	0.02738	0.02723	0.02049	2.72E-03	0.00012	5.1E-07	4.7E-05	0.00288	3.43E-03	0.000146	4.33E-07	2.77E-05	3.61E-03	0.003384	0.000126	3.53E-07	2.94E-05	0.003539
6022	481265.87	3851761.43	0.02847	0.02606	0.02599	0.01969	2.58E-03	0.00011	4.9E-07	4.6E-05	0.00274	3.26E-03	0.000139	4.13E-07	2.66E-05	3.42E-03	0.00321	0.00012	3.37E-07	2.83E-05	0.003358
6023	481196.74	3851703.89	0.0278	0.0255	0.02541	0.01922	2.52E-03	0.00011	4.8E-07	4.5E-05	0.00267	3.18E-03	0.000136	4.04E-07	2.6E-05	3.34E-03	0.003134	0.000117	3.3E-07	2.76E-05	0.003279
6024	481076.33	3851619.04	0.02675	0.0246	0.02443	0.0184	2.42E-03	0.0001	4.6E-07	4.3E-05	0.00257	3.06E-03	0.000131	3.88E-07	2.49E-05	3.22E-03	0.003016	0.000113	3.17E-07	2.64E-05	0.003156
6025	480939.8	3851549.07	0.0257	0.02364	0.0233	0.01718	2.33E-03	0.0001	4.4E-07	4E-05	0.00247	2.94E-03	0.000126	3.7E-07	2.32E-05	3.09E-03	0.002898	0.000109	3.02E-07	2.47E-05	0.003031
6026	480854.56	3851506.41	0.02503	0.02298	0.02257	0.01644	2.27E-03	9.7E-05	4.2E-07	3.8E-05	0.0024	2.86E-03	0.000123	3.59E-07	2.22E-05	3.01E-03	0.002822	0.000106	2.93E-07	2.36E-05	0.002952
6027	480769.32	3851463.75	0.02437	0.02232	0.02187	0.01569	2.21E-03	9.4E-05	4.1E-07	3.6E-05	0.00234	2.79E-03	0.000119	3.48E-07	2.12E-05	2.93E-03	0.002748	0.000103	2.84E-07	2.25E-05	0.002873
6028	480684.08	3851421.08	0.0237	0.02162	0.02118	0.01497	2.15E-03	9.1E-05	4E-07	3.5E-05	0.00227	2.71E-03	0.000115	3.37E-07	2.02E-05	2.85E-03	0.002672	9.93E-05	2.75E-07	2.15E-05	0.002793
6029	480598.84	3851378.42	0.02303	0.0209	0.0205	0.01434	2.09E-03	8.8E-05	3.8E-07	3.3E-05	0.00221	2.63E-03	0.000112	3.26E-07	1.94E-05	2.77E-03	0.002597	9.6E-05	2.66E-07	2.06E-05	0.002713
6030	480435.71	3851275.01	0.02179	0.01964	0.01935	0.01332	1.97E-03	8.3E-05	3.6E-07	3.1E-05	0.00209	2.49E-03	0.000105	3.08E-07	1.8E-05	2.62E-03	0.002457	9.02E-05	2.51E-07	1.91E-05	0.002566
6031	480347.85	3851232.36	0.02114	0.01894	0.01873	0.01274	1.92E-03	8E-05	3.5E-07	3E-05	0.00203	2.42E-03	0.000101	2.98E-07	1.72E-05	2.54E-03	0.002384	8.7E-05	2.43E-07	1.83E-05	0.002489
6032	480260	3851189.72	0.02051	0.01827	0.01814	0.01221	1.86E-03	7.7E-05	3.4E-07	2.8E-05	0.00196	2.35E-03	9.76E-05	2.88E-07	1.65E-05	2.46E-03	0.002312	8.39E-05	2.35E-07	1.75E-05	0.002414
6033	480172.15	3851147.07	0.0199	0.01763	0.0176	0.01172	1.80E-03	7.5E-05	3.3E-07	2.7E-05	0.00191	2.28E-03	9.41E-05	2.8E-07	1.58E-05	2.39E-03	0.002244	8.1E-05	2.28E-07	1.68E-05	0.002342
6034	480084.29	3851104.42	0.0193	0.01701	0.01709	0.01126	1.75E-03	7.2E-05	3.2E-07	2.6E-05	0.00185	2.21E-03	9.08E-05	2.72E-07	1.52E-05	2.31E-03	0.002176	7.81E-05	2.22E-07	1.62E-05	0.002271
6035	479996.44	3851061.77	0.01872	0.01643	0.01661	0.01083	1.70E-03	7E-05	3.1E-07	2.5E-05	0.00179	2.14E-03	8.77E-05	2.64E-07	1.46E-05	2.24E-03	0.002111	7.55E-05	2.16E-07	1.56E-05	0.002202

6036	479908.58	3851019.13	0.01809	0.0159	0.01612	0.01032	1.64E-03	6.7E-05	3E-07	2.4E-05	0.00173	2.07E-03	8.49E-05	2.56E-07	1.4E-05	2.17E-03	0.00204	7.3E-05	2.09E-07	1.48E-05	0.002128
6037	479820.73	3850976.48	0.01754	0.01537	0.01568	0.01	1.59E-03	6.5E-05	2.9E-07	2.3E-05	0.00168	2.01E-03	8.21E-05	2.49E-07	1.35E-05	2.10E-03	0.001978	7.06E-05	2.04E-07	1.44E-05	0.002063
6038	479732.88	3850933.83	0.01701	0.01488	0.01527	0.00972	1.54E-03	6.3E-05	2.9E-07	2.3E-05	0.00163	1.95E-03	7.95E-05	2.43E-07	1.31E-05	2.04E-03	0.001918	6.83E-05	1.98E-07	1.4E-05	0.002
6039	479645.02	3850891.18	0.01653	0.01442	0.01491	0.0095	1.50E-03	6.1E-05	2.8E-07	2.2E-05	0.00158	1.89E-03	7.7E-05	2.37E-07	1.28E-05	1.98E-03	0.001864	6.62E-05	1.94E-07	1.36E-05	0.001944
6040	479557.17	3850848.54	0.0161	0.01399	0.0146	0.00933	1.46E-03	5.9E-05	2.7E-07	2.2E-05	0.00154	1.84E-03	7.47E-05	2.32E-07	1.26E-05	1.93E-03	0.001815	6.42E-05	1.9E-07	1.34E-05	0.001893
6041	479469.32	3850805.89	0.01562	0.0136	0.01424	0.00912	1.42E-03	5.8E-05	2.7E-07	2.1E-05	0.00149	1.79E-03	7.26E-05	2.26E-07	1.23E-05	1.87E-03	0.001761	6.25E-05	1.85E-07	1.31E-05	0.001837
6042	479381.46	3850763.24	0.01528	0.01325	0.01402	0.00902	1.38E-03	5.6E-05	2.6E-07	2.1E-05	0.00146	1.75E-03	7.07E-05	2.23E-07	1.22E-05	1.83E-03	0.001723	6.08E-05	1.82E-07	1.3E-05	0.001797
6043	479293.61	3850720.59	0.01503	0.01291	0.01386	0.00901	1.36E-03	5.5E-05	2.6E-07	2.1E-05	0.00144	1.72E-03	6.89E-05	2.2E-07	1.22E-05	1.80E-03	0.001695	5.93E-05	1.8E-07	1.29E-05	0.001767
6044	479205.76	3850677.95	0.01475	0.01261	0.01367	0.00897	1.34E-03	5.3E-05	2.6E-07	2.1E-05	0.00141	1.69E-03	6.73E-05	2.17E-07	1.21E-05	1.77E-03	0.001663	5.79E-05	1.77E-07	1.29E-05	0.001734
6045	479117.9	3850635.3	0.01451	0.01233	0.01349	0.00896	1.31E-03	5.2E-05	2.5E-07	2.1E-05	0.00139	1.66E-03	6.58E-05	2.14E-07	1.21E-05	1.74E-03	0.001636	5.66E-05	1.75E-07	1.29E-05	0.001706
6046	479030.05	3850592.65	0.01426	0.01208	0.01331	0.00893	1.29E-03	5.1E-05	2.5E-07	2.1E-05	0.00136	1.63E-03	6.45E-05	2.12E-07	1.21E-05	1.71E-03	0.001608	5.55E-05	1.73E-07	1.28E-05	0.001676
6047	478942.19	3850550	0.01395	0.01187	0.01312	0.00879	1.26E-03	5E-05	2.5E-07	2E-05	0.00133	1.60E-03	6.34E-05	2.09E-07	1.19E-05	1.67E-03	0.001573	5.45E-05	1.7E-07	1.26E-05	0.00164
6048	478854.34	3850507.36	0.01344	0.01167	0.01275	0.00849	1.22E-03	4.9E-05	2.4E-07	2E-05	0.00129	1.54E-03	6.23E-05	2.03E-07	1.15E-05	1.61E-03	0.001515	5.36E-05	1.66E-07	1.22E-05	0.001581
6049	478766.49	3850464.71	0.01307	0.01135	0.01247	0.00835	1.18E-03	4.8E-05	2.3E-07	1.9E-05	0.00125	1.49E-03	6.06E-05	1.98E-07	1.13E-05	1.57E-03	0.001474	5.21E-05	1.62E-07	1.2E-05	0.001538
6050	478678.63	3850422.06	0.01278	0.01117	0.01225	0.00827	1.16E-03	4.7E-05	2.3E-07	1.9E-05	0.00122	1.46E-03	5.96E-05	1.95E-07	1.12E-05	1.53E-03	0.001441	5.13E-05	1.59E-07	1.19E-05	0.001504
6051	478590.78	3850379.41	0.01248	0.01099	0.01201	0.00817	1.13E-03	4.6E-05	2.2E-07	1.9E-05	0.0012	1.43E-03	5.87E-05	1.91E-07	1.1E-05	1.50E-03	0.001407	5.05E-05	1.56E-07	1.17E-05	0.001469
6052	478502.93	3850336.77	0.01227	0.01085	0.01185	0.00811	1.11E-03	4.6E-05	2.2E-07	1.9E-05	0.00118	1.40E-03	5.79E-05	1.88E-07	1.1E-05	1.47E-03	0.001383	4.98E-05	1.54E-07	1.16E-05	0.001445
6053	478415.07	3850294.12	0.0121	0.01072	0.01172	0.00808	1.10E-03	4.5E-05	2.2E-07	1.9E-05	0.00116	1.38E-03	5.72E-05	1.86E-07	1.09E-05	1.45E-03	0.001364	4.92E-05	1.52E-07	1.16E-05	0.001425
6054	478327.22	3850251.47	0.01182	0.01042	0.01151	0.00798	1.07E-03	4.4E-05	2.2E-07	1.8E-05	0.00113	1.35E-03	5.56E-05	1.83E-07	1.08E-05	1.42E-03	0.001333	4.79E-05	1.49E-07	1.15E-05	0.001392
6055	478239.36	3850208.82	0.01161	0.01029	0.01134	0.00791	1.05E-03	4.4E-05	2.1E-07	1.8E-05	0.00111	1.33E-03	5.49E-05	1.8E-07	1.07E-05	1.39E-03	0.001309	4.73E-05	1.47E-07	1.14E-05	0.001368
6056	478151.51	3850166.18	0.01144	0.01018	0.0112	0.00785	1.04E-03	4.3E-05	2.1E-07	1.8E-05	0.0011	1.31E-03	5.44E-05	1.78E-07	1.06E-05	1.37E-03	0.00129	4.68E-05	1.45E-07	1.13E-05	0.001348
6057	478063.66	3850123.53	0.01129	0.01008	0.01107	0.00779	1.02E-03	4.3E-05	2.1E-07	1.8E-05	0.00108	1.29E-03	5.38E-05	1.76E-07	1.05E-05	1.36E-03	0.001273	4.63E-05	1.44E-07	1.12E-05	0.001331
6058	477975.8	3850080.88	0.01151	0.01015	0.01127	0.00795	1.04E-03	4.3E-05	2.1E-07	1.8E-05	0.0011	1.32E-03	5.42E-05	1.79E-07	1.07E-05	1.38E-03	0.001298	4.66E-05	1.46E-07	1.14E-05	0.001356
6059	477887.95	3850038.23	0.01145	0.01006	0.01122	0.00795	1.04E-03	4.3E-05	2.1E-07	1.8E-05	0.0011	1.31E-03	5.37E-05	1.78E-07	1.07E-05	1.37E-03	0.001291	4.62E-05	1.46E-07	1.14E-05	0.001349
6060	477800.1	3849995.59	0.01143	0.00996	0.01121	0.00797	1.04E-03	4.2E-05	2.1E-07	1.8E-05	0.0011	1.31E-03	5.32E-05	1.78E-07	1.08E-05	1.37E-03	0.001289	4.57E-05	1.46E-07	1.14E-05	0.001346
6061	477712.24	3849952.94	0.01132	0.00986	0.01111	0.00793	1.03E-03	4.2E-05	2.1E-07	1.8E-05	0.00109	1.29E-03	5.26E-05	1.77E-07	1.07E-05	1.36E-03	0.001276	4.53E-05	1.44E-07	1.14E-05	0.001333
6062	477624.39	3849910.29	0.01122	0.00977	0.01102	0.00788	1.02E-03	4.1E-05	2.1E-07	1.8E-05	0.00108	1.28E-03	5.22E-05	1.75E-07	1.07E-05	1.35E-03	0.001265	4.49E-05	1.43E-07	1.13E-05	0.001321
6063	477536.54	3849867.64	0.01113	0.00967	0.01093	0.00785	1.01E-03	4.1E-05	2E-07	1.8E-05	0.00107	1.27E-03	5.16E-05	1.74E-07	1.06E-05	1.34E-03	0.001255	4.44E-05	1.42E-07	1.13E-05	0.001311
6064	477448.68	3849825	0.011	0.00958	0.01081	0.00778	9.97E-04	4.1E-05	2E-07	1.8E-05	0.00106	1.26E-03	5.12E-05	1.72E-07	1.05E-05	1.32E-03	0.00124	4.4E-05	1.4E-07	1.12E-05	0.001296
6065	477360.83	3849782.35	0.01088	0.00948	0.0107	0.00772	9.86E-04	4E-05	2E-07	1.8E-05	0.00104	1.24E-03	5.06E-05	1.7E-07	1.04E-05	1.31E-03	0.001227	4.35E-05	1.39E-07	1.11E-05	0.001281
6066	477272.97	3849739.7	0.01075	0.00939	0.01058	0.00765	9.74E-04	4E-05	2E-07	1.8E-05	0.00103	1.23E-03	5.01E-05	1.68E-07	1.03E-05	1.29E-03	0.001212	4.31E-05	1.37E-07	1.1E-05	0.001266
6067	477185.12	3849697.05	0.01065	0.0093	0.01048	0.00759	9.65E-04	3.9E-05	2E-07	1.8E-05	0.00102	1.22E-03	4.97E-05	1.67E-07	1.03E-05	1.28E-03	0.001201	4.27E-05	1.36E-07	1.09E-05	0.001255
6068	477097.27	3849654.41	0.01051	0.0092	0.01035	0.00752	9.52E-04	3.9E-05	1.9E-07	1.7E-05	0.00101	1.20E-03	4.91E-05	1.64E-07	1.02E-05	1.26E-03	0.001185	4.22E-05	1.34E-07	1.08E-05	0.001238
6069	477009.41	3849611.76	0.01029	0.0091	0.01013	0.00738	9.33E-04	3.8E-05	1.9E-07	1.7E-05	0.00099	1.18E-03	4.86E-05	1.61E-07	9.98E-06	1.24E-03	0.00116	4.18E-05	1.31E-07	1.06E-05	0.001213
6070	476841.49	3849530.08	0.01002	0.00893	0.00987	0.00722	9.08E-04	3.8E-05	1.8E-07	1.7E-05	0.00096	1.15E-03	4.77E-05	1.57E-07	9.76E-06	1.20E-03	0.00113	4.1E-05	1.28E-07	1.04E-05	0.001181
6071	476761.41	3849491.05	0.00993	0.00885	0.00978	0.00717	9.00E-04	3.7E-05	1.8E-07	1.7E-05	0.00095	1.14E-03	4.73E-05	1.55E-07	9.69E-06	1.19E-03	0.00112	4.06E-05	1.27E-07	1.03E-05	0.001171
6072	476681.34	3849452.02	0.00978	0.00873	0.00964	0.00709	8.86E-04	3.7E-05	1.8E-07	1.6E-05	0.00094	1.12E-03	4.66E-05	1.53E-07	9.59E-06	1.17E-03	0.001103	4.01E-05	1.25E-07	1.02E-05	0.001153
6073	476601.26	3849412.99	0.00961	0.00863	0.00947	0.00698	8.71E-04	3.7E-05	1.8E-07	1.6E-05	0.00092	1.10E-03	4.61E-05	1.51E-07	9.44E-06	1.15E-03	0.001084	3.96E-05	1.23E-07	1E-05	0.001133
6074	476456.32	3849353.67	0.00928	0.00848	0.00915	0.00676	8.41E-04	3.6E-05	1.7E-07	1.6E-05	0.00089	1.06E-03	4.53E-05	1.45E-07	9.14E-06	1.12E-03	0.001046	3.89E-05	1.19E-07	9.71E-06	0.001095
6075	476305.43	3849318.83	0.00927	0.00844	0.00913	0.00679	8.40E-04	3.6E-05	1.7E-07	1.6E-05	0.00089	1.06E-03	4.51E-05	1.45E-07	9.18E-06	1.11E-03	0.001045	3.88E-05	1.19E-07	9.75E-06	0.001094
6076	476129.36	3849289.99	0.0092	0.00841	0.00904	0.00676	8.34E-04	3.6E-05	1.7E-07	1.6E-05	0.00089	1.05E-03	4.49E-05	1.44E-07	9.14E-06	1.11E-03	0.001037	3.86E-05	1.17E-07	9.71E-06	0.001086
6077	476039.31	3849275.68	0.00918	0.00839	0.00901	0.00675	8.32E-04	3.5E-05	1.7E-07	1.6E-05	0.00088	1.05E-03	4.48E-05	1.43E-07	9.13E-06	1.10E-03	0.001035	3.85E-05	1.17E-07	9.69E-06	0.001083
6078	475949.26	3849261.38	0.00901	0.00834	0.00885	0.00662	8.17E-04	3.5E-05	1.7E-07	1.5E-05	0.00087	1.03E-03	4.45E-05	1.41E-07	8.95E-06	1.08E-03	0.001016	3.83E-05	1.15E-07	9.51E-06	0.001064
6079	475859.21	3849247.08	0.00896	0.00831	0.0088	0.00659	8.12E-04	3.5E-05	1.6E-07	1.5E-05	0.00086	1.02E-03	4.44E-05	1.4E-07	8.91E-06	1.08E-03	0.00101	3.82E-05	1.14E-07	9.46E-06	0.001058
6080	475769.16	3849232.77	0.00889	0.00828	0.00872	0.00652	8.06E-04	3.5E-05	1.6E-07	1.5E-05	0.00086	1.02E-03	4.42E-05	1.39E-07	8.82E-06	1.07E-03	0.001002	3.8E-05	1.13E-07	9.36E-06	0.00105
6081	475585.22	3849219.27	0.00802	0.00778	0.00794	0.00548	7.27E-04	3.3E-05	1.5E-07	1.3E-05	0.00077	9.17E-04	4.15E-05	1.26E-07	7.41E-06	9.66E-04	0.000904	3.57E-05	1.03E-07	7.87E-06	0.000948
6082	475444.49	3849150.35	0.00837	0.00799	0.00823	0.00599	7.59E-04	3.4E-05	1.5E-07	1.4E-05	0.00081	9.57E-04	4.27E-05	1.31E-07	8.1E-06	1.01E-03	0.000944	3.67E-05	1.07E-07	8.6E-06	0.000989
6083	475334.17	3849118.71	0.00839	0.00798	0.00823	0.00608	7.60E-04	3.4E-05	1.5E-07	1.4E-05	0.00081	9.60E-04	4.26E-05	1.31E-07	8.22E-06	1.01E-03	0.000946	3.66E-05	1.07E-07	8.73E-06	0.000991
6084	475230.47	3849060.56	0.00828	0.00788	0.00813	0.00601	7.50E-04	3.3E-05	1.5E-07	1.4E-05	0.0008	9.47E-04	4.21E-05	1.29E-07	8.13E-06	9.97E-04	0.000934	3.62E-05	1.06E-07	8.63E-06	0.000978
6085	475110.86	3848960.97	0.00807	0.00768	0.00793	0.00586	7.31E-04	3.2E-05	1.5E-07	1.4E-05	0.00078	9.23E-04	4.1E-05	1.26E-07	7.92E-06	9.72E-04	0.00091	3.53E-05	1.03E-07	8.42E-06	0.000954
6086	475037.79	3848896.28	0.00789	0.00753	0.00776	0.0057	7.15E-04	3.2E-05	1.5E-07	1.3E-05	0.00076	9.02E-04	4.02E-05	1.23E-07	7.71E-06	9.50E-04	0.00089	3.46E-05	1.01E-07	8.19E-06	0.000932
6087	474964.72	3848831.59	0.00772	0.00738	0.0076	0.00555	7.00E-04	3.1E-05	1.4E-07	1.3E-05	0.00074	8.83E-04	3.94E-05	1.21E-07	7.5E-06	9.30E-04	0.00087	3.39E-05	9.87E-08	7.97E-06	0.000912
6088	474891.65	3848766.9	0.0076	0.00726	0.00749	0.00547	6.89E-04	3.1E-05	1.4E-07	1.3E-05	0.00073	8.69E-04	3.88E-05	1.19E-07	7.4E-06	9.16E-04	0.000857	3.33E-05	9.72E-08	7.86E-06	0.000898
6089	474818.58	3848702.21	0.0075	0.00716	0.00739	0.00542	6.80E-04	3E-05	1.4E-07	1.3E-05	0.00072	8.58E-04	3.82E-05	1.17E-07	7.33E-06	9.04E-04	0.000846	3.29E-05	9.59E-08	7.78E-06	0.000886
6090	474745.51	3848637.53	0.00752	0.00713	0.0074	0.0055	6.81E-04	3E-05	1.4E-07	1.3E-05	0.00072	8.60E-04	3.81E-05	1.18E-07	7.44E-06	9.06E-04	0.000848	3.27E-05	9.61E-08	7.9E-06	0.000889
6091	474672.44	3848572.84	0.00745	0.00704	0.00733	0.00549	6.75E-04	3E-05	1.4E-07	1.3E-05	0.00072	8.52E-04	3.76E-05	1.16E-07	7.42E-06	8.97E-04	0.00084	3.23E-05	9.51E-08	7.88E-06	0.00088
6092	474599.37	3848508.15	0.00731	0.00692	0.00721	0.00537	6.62E-04	2.9E-05	1.3E-07	1.2E-05	0.0007	8.36E-04	3.69E-05	1.15E-07	7.26E-06	8.80E-04	0.000824	3.18E-05	9.36E-08	7.71E-06	0.000864
6093	474526.3	3848443.46	0.00721	0.00682	0.00711	0.0053	6.53E-04	2.9E-05	1.3E-07	1.2E-05	0.00069	8.25E-04	3.64E-05	1.13E-07	7.17E-06	8.68E-04	0.000813	3.13E-05	9.23E-08	7.61E-06	0.000852

			NO2				2028 - RD					2033 - RD					2048 - RD				
			1st				Rates	9.06E-02	4.23E-03	1.87E-05	2.32E-03	Ra	1.14E-01	5.34E-03	1.59E-05	1.35E-03	Ra	1.13E-01	4.59E-03	1.30E-05	1.44E-03	
			Concentration [ug/m^3] at 1 g/s					Concentration [ug/m^3]					Concentration [ug/m^3]					Concentration [ug/m^3]				
	X	Y	IMF (SLINE	IMF-Idle (F	IMF-Truck	IMF-Truck-Idle (PAREA5)		IMF	IMF-Idle	IMF-Truck	IMF-Truck	Total	IMF	IMF-Idle	IMF-Trucks	IMF-Truck-	Total	IMF	IMF-Idle	IMF-Trucks	IMF-Truck-	Total
1	485973.61	3854936.51	9.14735	27.28196	10.94628	3.81173		8.29E-01	0.11542	0.0002	0.00883	9.53E-01	1.05E+00	0.145673	0.000174	0.005154	1.20E+00	1.03E+00	0.125289	0.000142	0.005474	1.162265
2	486023.61	3854936.51	8.69275	25.55089	10.30506	3.33349		7.88E-01	0.10809	0.00019	0.00772	0.90376	9.94E-01	0.13643	0.000164	0.004507	1.14E+00	0.980105	0.117339	0.000134	0.004787	1.102365
3	486073.61	3854936.51	8.39564	24.73599	9.84881	3.27709		7.61E-01	0.10465	0.00018	0.00759	0.87325	9.60E-01	0.132078	0.000157	0.004431	1.10E+00	0.946606	0.113597	0.000128	0.004706	1.065036
4	486123.61	3854936.51	7.7457	22.62369	8.87473	3.18447		7.02E-01	0.09571	0.00017	0.00738	0.80518	8.86E-01	0.1208	0.000141	0.004306	1.01E+00	0.873325	0.103896	0.000115	0.004573	0.98191
5	486173.61	3854936.51	7.68281	22.73192	8.77362	3.14006		6.96E-01	0.09617	0.00016	0.00727	0.79984	8.79E-01	0.121378	0.000139	0.004246	1.00E+00	0.866234	0.104393	0.000114	0.004509	0.975251
6	486223.61	3854936.51	7.29927	21.5951	8.34109	3.05342		6.61E-01	0.09136	0.00016	0.00707	0.76006	8.35E-01	0.115307	0.000133	0.004129	9.54E-01	0.82299	0.099173	0.000108	0.004385	0.926656
7	486273.61	3854936.51	7.04446	20.8813	8.0599	2.95768		6.38E-01	0.08834	0.00015	0.00685	0.73372	8.06E-01	0.111496	0.000128	0.003999	9.21E-01	0.79426	0.095895	0.000105	0.004247	0.894507
8	486323.61	3854936.51	6.83224	20.30907	7.83137	2.85174		6.19E-01	0.08592	0.00015	0.00661	0.71182	7.81E-01	0.108441	0.000124	0.003856	8.94E-01	0.770333	0.093267	0.000102	0.004095	0.867796
9	485973.61	3854986.51	10.18622	29.16418	11.91959	3.86328		9.23E-01	0.12338	0.00022	0.00895	1.05565	1.17E+00	0.155723	0.000189	0.005224	1.33E+00	1.148493	0.133933	0.000155	0.005548	1.288128
10	486023.61	3854986.51	9.72511	27.80894	11.37356	3.82086		8.81E-01	0.11765	0.00021	0.00885	1.00802	1.11E+00	0.148486	0.000181	0.005166	1.27E+00	1.096503	0.127709	0.000148	0.005487	1.229846
11	486073.61	3854986.51	9.22821	26.01585	10.65498	3.7672		8.36E-01	0.11006	0.0002	0.00873	0.95527	1.06E+00	0.138912	0.000169	0.005094	1.20E+00	1.040478	0.119474	0.000138	0.00541	1.1655
12	486123.61	3854986.51	8.78348	24.45138	9.92062	3.26532		7.96E-01	0.10344	0.00019	0.00756	0.90717	1.00E+00	0.130559	0.000158	0.004415	1.14E+00	0.990334	0.11229	0.000129	0.004689	1.107442
13	486173.61	3854986.51	8.54729	23.929	9.53208	3.20189		7.75E-01	0.10123	0.00018	0.00742	0.8834	9.78E-01	0.127769	0.000151	0.004329	1.11E+00	0.963704	0.109891	0.000124	0.004598	1.078317
14	486223.61	3854986.51	8.13211	22.62915	8.99371	3.11962		7.37E-01	0.09573	0.00017	0.00723	0.84008	9.30E-01	0.120829	0.000143	0.004218	1.06E+00	0.916893	0.103921	0.000117	0.00448	1.025411
15	486273.61	3854986.51	7.6824	21.22921	8.395	3.01818		6.96E-01	0.08981	0.00016	0.00699	0.79315	8.79E-01	0.113354	0.000133	0.004081	9.96E-01	0.866188	0.097492	0.000109	0.004334	0.968124
16	486323.61	3854986.51	7.66344	21.51277	8.51856	2.93377		6.94E-01	0.09101	0.00016	0.0068	0.79244	8.77E-01	0.114868	0.000135	0.003967	9.96E-01	0.86405	0.098795	0.000111	0.004213	0.967168
17	485973.61	3855036.51	11.39441	31.77688	12.82143	3.9537		1.03E+00	0.13443	0.00024	0.00916	1.17642	1.30E+00	0.169673	0.000204	0.005346	1.48E+00	1.284716	0.145931	0.000166	0.005678	1.436491
18	486023.61	3855036.51	10.91756	29.84631	12.1233	3.87411		9.89E-01	0.12627	0.00023	0.00897	1.12484	1.25E+00	0.159365	0.000193	0.005238	1.41E+00	1.230951	0.137065	0.000157	0.005563	1.373737
19	486073.61	3855036.51	10.34097	27.42	11.23243	3.81152		9.37E-01	0.116	0.00021	0.00883	1.06216	1.18E+00	0.14641	0.000179	0.005154	1.33E+00	1.165941	0.125923	0.000146	0.005474	1.297483
20	486123.61	3855036.51	9.88291	25.72403	10.51022	3.75862		8.96E-01	0.10883	0.0002	0.00871	1.01334	1.13E+00	0.137354	0.000167	0.005082	1.27E+00	1.114295	0.118134	0.000136	0.005398	1.237963
21	486173.61	3855036.51	9.60512	24.97151	10.12524	3.71491		8.70E-01	0.10564	0.00019	0.0086	0.98487	1.10E+00	0.133336	0.000161	0.005023	1.24E+00	1.082974	0.114678	0.000131	0.005335	1.203119
22	486223.61	3855036.51	9.05788	22.91718	9.44677	3.17506		8.21E-01	0.09695	0.00018	0.00735	0.92533	1.04E+00	0.122367	0.00015	0.004293	1.16E+00	1.021273	0.105244	0.000123	0.00456	1.131199
23	486273.61	3855036.51	8.853	22.66115	9.32995	3.1056		8.02E-01	0.09587	0.00017	0.00719	0.90551	1.01E+00	0.121	0.000148	0.004199	1.14E+00	0.998173	0.104068	0.000121	0.00446	1.106822
24	486323.61	3855036.51	8.45211	21.43385	8.88558	3.00066		7.66E-01	0.09068	0.00017	0.00695	0.86374	9.67E-01	0.114446	0.000141	0.004057	1.09E+00	0.952973	0.098432	0.000115	0.004309	1.055829
25	485973.61	3855086.51	12.13708	36.28524	13.60277	4.6826		1.10E+00	0.15351	0.00025	0.01085	1.26449	1.39E+00	0.193746	0.000216	0.006331	1.59E+00	1.368452	0.166635	0.000177	0.006724	1.541988
26	486023.61	3855086.51	11.74162	34.64806	13.0179	4.58371		1.06E+00	0.14658	0.00024	0.01062	1.22149	1.34E+00	0.185004	0.000207	0.006198	1.53E+00	1.323864	0.159117	0.000169	0.006582	1.489732
27	486073.61	3855086.51	11.13996	31.98261	12.00392	3.86954		1.01E+00	0.1353	0.00022	0.00896	1.15402	1.27E+00	0.170772	0.000191	0.005232	1.45E+00	1.256027	0.146876	0.000156	0.005557	1.408615
28	486123.61	3855086.51	10.75432	30.68557	11.36287	3.82707		9.75E-01	0.12982	0.00021	0.00886	1.11347	1.23E+00	0.163846	0.000181	0.005175	1.40E+00	1.212546	0.14092	0.000147	0.005496	1.359109
29	486173.61	3855086.51	10.21227	28.53643	10.55927	3.7604		9.25E-01	0.12072	0.0002	0.00871	1.05509	1.17E+00	0.152371	0.000168	0.005084	1.33E+00	1.15143	0.13105	0.000137	0.0054	1.288017
30	486223.61	3855086.51	9.85987	27.33419	10.18286	3.70748		8.94E-01	0.11564	0.00019	0.00859	1.01794	1.13E+00	0.145951	0.000162	0.005013	1.28E+00	1.111697	0.125529	0.000132	0.005324	1.242682
31	485973.61	3855136.51	12.75655	41.08606	14.46725	4.78967		1.16E+00	0.17381	0.00027	0.01109	1.3412	1.46E+00	0.21938	0.00023	0.006476	1.69E+00	1.438297	0.188682	0.000188	0.006878	1.634045
32	486023.61	3855136.51	12.32467	38.98818	13.71753	4.6837		1.12E+00	0.16494	0.00026	0.01085	1.29293	1.41E+00	0.208178	0.000218	0.006333	1.62E+00	1.389602	0.179048	0.000178	0.006726	1.575555
33	486073.61	3855136.51	11.82482	36.67406	12.86739	4.5692		1.07E+00	0.15515	0.00024	0.01058	1.23756	1.35E+00	0.195822	0.000205	0.006178	1.55E+00	1.333244	0.168421	0.000167	0.006562	1.508394
34	486123.61	3855136.51	11.38315	34.69152	12.02338	3.90227		1.03E+00	0.14676	0.00023	0.00904	1.18759	1.30E+00	0.185236	0.000191	0.005276	1.49E+00	1.283446	0.159316	0.000156	0.005604	1.448523
35	486173.61	3855136.51	10.88879	32.52141	11.24343	3.85015		9.87E-01	0.13758	0.00021	0.00892	1.13348	1.25E+00	0.173649	0.000179	0.005206	1.42E+00	1.227707	0.14935	0.000146	0.005529	1.382733
36	486223.61	3855136.51	10.47849	30.70078	10.72265	3.80874		9.50E-01	0.12988	0.0002	0.00882	1.08849	1.20E+00	0.163927	0.00017	0.00515	1.37E+00	1.181446	0.140989	0.000139	0.00547	1.328044
37	485973.61	3855186.51	13.04529	42.0602	15.48822	4.89641		1.18E+00	0.17794	0.00029	0.01134	1.37176	1.49E+00	0.224581	0.000246	0.00662	1.72E+00	1.470852	0.193156	0.000201	0.007032	1.671241
38	486023.61	3855186.51	12.72111	40.42078	14.8306	4.79791		1.15E+00	0.171	0.00028	0.01111	1.3352	1.46E+00	0.215828	0.000236	0.006487	1.68E+00	1.434301	0.185627	0.000193	0.00689	1.627011
39	486073.61	3855186.51	12.32248	38.2028	13.87383	4.66743		1.12E+00	0.16162	0.00026	0.01081	1.28938	1.41E+00	0.203985	0.00022	0.006311	1.62E+00	1.389355	0.175441	0.00018	0.006703	1.57168
40	486123.61	3855186.51	11.80027	35.74274	12.84633	4.56023		1.07E+00	0.15121	0.00024	0.01056	1.23138	1.35E+00	0.190849	0.000204	0.006166	1.55E+00	1.330476	0.164144	0.000167	0.006549	1.501336
41	486173.61	3855186.51	11.37945	33.92923	12.00554	3.92612		1.03E+00	0.14354	0.00022	0.00909	1.18409	1.30E+00	0.181166	0.000191	0.005309	1.49E+00	1.283029	0.155816	0.000156	0.005638	1.444639
42	486223.61	3855186.51	10.96114	32.40874	11.42353	3.93401		9.93E-01	0.13711	0.00021	0.00911	1.13975	1.25E+00	0.173047	0.000182	0.005319	1.43E+00	1.235865	0.148833	0.000148	0.005649	1.390495
43	486273.61	3855186.51	10.51302	30.74084	10.81014	3.94044		9.53E-01	0.13005	0.0002	0.00913	1.09209	1.20E+00	0.164141	0.000172	0.005328	1.37E+00	1.185339	0.141173	0.00014	0.005659	1.332312
44	486323.61	3855186.51	10.49336	31.39454	10.92292	3.94883		9.51E-01	0.13281	0.0002	0.00915	1.0931	1.20E+00	0.167632	0.000174	0.005339	1.37E+00	1.183123	0.144175	0.000142	0.005671	1.333111
45	485973.61	3855236.51	13.38917	43.18377	16.52348	5.05		1.21E+00	0.18269	0.00031	0.0117	1.40805	1.53E+00	0.230581	0.000263	0.006828	1.77E+00	1.509624	0.198316	0.000214	0.007252	1.715407
46	486023.61	3855236.51	13.14613	41.43533	15.72297	4.98739		1.19E+00	0.17529	0.00029	0.01155	1.37847	1.50E+00	0.221245	0.00025	0.006743	1.73E+00	1.482222	0.190286	0.000204	0.007162	1.679874
47	486073.61	3855236.51	12.75414	39.21013	14.85224	4.91106		1.16E+00	0.16588	0.00028	0.01137	1.33334	1.46E+00	0.209363	0.000236	0.00664	1.68E+00	1.438025	0.180067	0.000193	0.007053	1.625338
48	486123.61	3855236.51	12.34069	37.35699	14.05897	4.83186		1.12E+00	0.15804	0.00026	0.01119	1.28783	1.41E+00	0.199468	0.000223	0.006533	1.62E+00	1.391409	0.171557	0.000182	0.006939	1.570087
49	486173.61	3855236.51	11.88185	35.46969	13.24356	4.80515		1.08E+00	0.15005	0.00025	0.01113	1.23819	1.36E+00	0.189391	0.00021	0.006497	1.56E+00	1.339675	0.16289	0.000172	0.0069	1.509637
50	486223.61	3855236.51	11.41331	33.43696	12.41308	4.80073		1.03E+00	0.14146	0.00023	0.01112	1.18711	1.31E+00	0.178537	0.000197	0.006491	1.49E+00	1.286847	0.153555	0.000161	0.006894	1.447457
51	486273.61	3855236.51	10.77187	30.54712	11.50434	4.21232		9.76E-01	0.12923	0.00022	0.00976	1.11537	1.23E+00	0.163107	0.000183	0.005696	1.40E+00	1.214525	0.140284	0.000149	0.006049	1.361007
52	486323.61	3855236.51	10.86376	31.72386	11.76519	4.21623		9.84E-01	0.13421	0.00022	0.00977	1.12869	1.24E+00	0.16939	0.000187	0.005701	1.42E+00	1.224885	0.145688	0.000153	0.006055	1.37678
53	485973.61	3855286.51	14.11731	43.40982	17.52074	5.44783		1.28E+00	0.18365	0.00033	0.01262	1.47593	1.61E+00	0.231788	0.000278	0.007366	1.85E+00	1.591722	0.199354	0.000227	0.007823	1.799127
54	486023.61	3855286.51	13.7476	42.36117	16.78879	5.28555		1.25E+00	0.17921	0.00031	0.01224	1.4376	1.57E+00	0.226188	0.000267	0.007147	1.81E+00	1.550037	0.194538	0.000218	0.00759	1.752384
55	486073.61	3855286.51	13.27676	40.66248	16.07581	5.21441		1.20E+00	0.17202	0.0003	0.01208	1.38757	1.52E+00	0.217118	0.000255	0.00705	1.74E+00	1.49695	0.186737	0.000209	0.007488	1.691384
56	486123.61	3855286.51	12.90121	38.45592	15.24526	5.12741		1.17E+00	0.16269	0.00029	0.01188	1.34398	1.48E+00	0.205336	0.000242	0.006933	1.69E+00	1.454607	0.176604	0.000198	0.007363	1.638772
57	486173.61	3855286.51	12.40044	36.24653	14.36298	5.04262		1.12E+00	0.15334	0.00027	0.01168	1.28904	1.42E+00	0.193539	0.000228	0.006818	1.62E+00	1.398145	0.166458	0.000186	0.007241	1.572031

58	486223.61	3855286.51	11.90694	34.61859	13.63509	5.03306	1.08E+00	0.14645	0.00026	0.01166	1.2374	1.36E+00	0.184847	0.000217	0.006805	1.55E+00	1.342503	0.158981	0.000177	0.007228	1.50889
59	486123.61	3855336.51	13.6748	38.77296	16.25152	5.36012	1.24E+00	0.16403	0.0003	0.01242	1.41599	1.56E+00	0.207029	0.000258	0.007247	1.78E+00	1.541829	0.17806	0.000211	0.007697	1.727797
60	486173.61	3855336.51	13.20763	37.31664	15.42583	5.27067	1.20E+00	0.15787	0.00029	0.01221	1.36727	1.51E+00	0.199253	0.000245	0.007127	1.72E+00	1.489156	0.171372	0.0002	0.007569	1.668297
61	486223.61	3855336.51	12.67999	35.56798	14.52783	5.2051	1.15E+00	0.15047	0.00027	0.01206	1.31189	1.45E+00	0.189916	0.000231	0.007038	1.65E+00	1.429665	0.163341	0.000189	0.007475	1.600669
62	486123.61	3855386.51	14.27718	41.31693	17.23709	5.52466	1.29E+00	0.17479	0.00032	0.0128	1.48174	1.63E+00	0.220613	0.000274	0.00747	1.86E+00	1.609747	0.189743	0.000224	0.007934	1.807647
63	486173.61	3855386.51	13.77047	39.31837	16.39239	5.44081	1.25E+00	0.16634	0.00031	0.0126	1.42715	1.58E+00	0.209941	0.000261	0.007357	1.79E+00	1.552616	0.180565	0.000213	0.007813	1.741206
64	486223.61	3855386.51	13.35599	37.08201	15.5444	5.35523	1.21E+00	0.15688	0.00029	0.0124	1.37992	1.53E+00	0.198	0.000247	0.007241	1.73E+00	1.505883	0.170294	0.000202	0.00769	1.68407
65	486533.18	3855443.15	11.56912	32.33114	13.31608	5.26515	1.05E+00	0.13678	0.00025	0.0122	1.19764	1.32E+00	0.172633	0.000212	0.007119	1.50E+00	1.304414	0.148477	0.000173	0.007561	1.460625
66	486583.18	3855443.15	11.16539	31.11312	12.80459	5.24541	1.01E+00	0.13162	0.00024	0.01215	1.15584	1.28E+00	0.166129	0.000204	0.007092	1.45E+00	1.258894	0.142883	0.000166	0.007533	1.409476
67	486633.18	3855443.15	10.77309	29.012	12.31488	4.66258	9.76E-01	0.12274	0.00023	0.0108	1.11005	1.23E+00	0.15491	0.000196	0.006304	1.39E+00	1.214662	0.133234	0.00016	0.006696	1.354752
68	486683.18	3855443.15	10.47867	27.54837	11.99748	4.64161	9.50E-01	0.11654	0.00022	0.01075	1.07712	1.20E+00	0.147095	0.000191	0.006276	1.35E+00	1.181466	0.126512	0.000156	0.006666	1.3148
69	486533.18	3855493.15	12.14059	34.22961	13.94105	5.28679	1.10E+00	0.14481	0.00026	0.01225	1.25752	1.39E+00	0.18277	0.000222	0.007148	1.58E+00	1.368847	0.157195	0.000181	0.007592	1.533816
70	486583.18	3855493.15	11.76826	33.64787	13.48663	5.26834	1.07E+00	0.14235	0.00025	0.0122	1.22127	1.35E+00	0.179664	0.000214	0.007123	1.53E+00	1.326867	0.154524	0.000175	0.007566	1.489131
71	486633.18	3855493.15	11.3954	31.82876	13.0103	5.24746	1.03E+00	0.13465	0.00024	0.01215	1.17972	1.30E+00	0.16995	0.000207	0.007095	1.48E+00	1.284827	0.146169	0.000169	0.007536	1.438701
72	486683.18	3855493.15	11.02987	29.39139	12.56525	5.2231	1.00E+00	0.12434	0.00024	0.0121	1.13622	1.26E+00	0.156936	0.0002	0.007062	1.43E+00	1.243614	0.134976	0.000163	0.007501	1.386254
73	486533.18	3855543.15	12.59327	35.41673	14.7304	5.3	1.14E+00	0.14983	0.00028	0.01228	1.30361	1.44E+00	0.189108	0.000234	0.007166	1.64E+00	1.419887	0.162647	0.000191	0.007611	1.590336
74	486583.18	3855543.15	12.17108	34.6632	14.04824	5.27626	1.10E+00	0.14664	0.00026	0.01222	1.2621	1.39E+00	0.185085	0.000223	0.007134	1.58E+00	1.372285	0.159186	0.000182	0.007577	1.539231
75	486633.18	3855543.15	11.85926	33.49732	13.58207	5.25712	1.07E+00	0.14171	0.00025	0.01218	1.22885	1.36E+00	0.17886	0.000216	0.007108	1.54E+00	1.337128	0.153832	0.000176	0.00755	1.498685
76	486683.18	3855543.15	11.45563	31.04991	12.92375	5.23314	1.04E+00	0.13136	0.00024	0.01212	1.18185	1.31E+00	0.165792	0.000205	0.007076	1.48E+00	1.291618	0.142593	0.000168	0.007515	1.441894
77	486533.18	3855593.15	13.23815	35.89143	15.3353	5.31802	1.20E+00	0.15184	0.00029	0.01232	1.36411	1.51E+00	0.191643	0.000244	0.007191	1.71E+00	1.492597	0.164827	0.000199	0.007637	1.66526
78	486583.18	3855593.15	12.78149	35.34959	14.70878	5.28456	1.16E+00	0.14955	0.00028	0.01224	1.32035	1.46E+00	0.18875	0.000234	0.007145	1.66E+00	1.441109	0.162338	0.000191	0.007589	1.611227
79	486633.18	3855593.15	12.32762	34.18853	14.16126	5.26016	1.12E+00	0.14463	0.00027	0.01218	1.27424	1.41E+00	0.18255	0.000225	0.007112	1.60E+00	1.389935	0.157006	0.000184	0.007554	1.554679
80	486683.18	3855593.15	11.91461	32.29648	13.73571	5.23962	1.08E+00	0.13663	0.00026	0.01214	1.22875	1.36E+00	0.172448	0.000218	0.007085	1.54E+00	1.343368	0.148317	0.000178	0.007524	1.499388
81	486533.18	3855643.15	13.46745	35.72331	16.10025	5.39904	1.22E+00	0.15113	0.0003	0.01251	1.38438	1.54E+00	0.190745	0.000256	0.0073	1.74E+00	1.51845	0.164055	0.000209	0.007753	1.690467
82	486583.18	3855643.15	13.22341	35.67651	15.51141	5.35137	1.20E+00	0.15093	0.00029	0.01239	1.36195	1.51E+00	0.190495	0.000247	0.007236	1.71E+00	1.490935	0.16384	0.000201	0.007685	1.662661
83	486633.18	3855643.15	12.89508	35.34565	14.93768	5.30247	1.17E+00	0.14953	0.00028	0.01228	1.33067	1.47E+00	0.188729	0.000237	0.00717	1.67E+00	1.453916	0.16232	0.000194	0.007615	1.624045
84	486683.18	3855643.15	12.50252	33.68119	14.41053	5.25249	1.13E+00	0.14249	0.00027	0.01217	1.28793	1.43E+00	0.179841	0.000229	0.007102	1.62E+00	1.409655	0.154677	0.000187	0.007543	1.572061
85	486533.18	3855693.15	13.72132	34.96706	17.09195	5.54541	1.24E+00	0.14793	0.00032	0.01284	1.40455	1.57E+00	0.186707	0.000272	0.007498	1.76E+00	1.547074	0.160582	0.000222	0.007964	1.715841
86	486583.18	3855693.15	13.40701	34.85142	16.35898	5.49883	1.21E+00	0.14744	0.00031	0.01274	1.37545	1.53E+00	0.18609	0.00026	0.007435	1.73E+00	1.511636	0.160051	0.000212	0.007897	1.679795
87	486633.18	3855693.15	13.0096	34.47395	15.62637	5.45088	1.18E+00	0.14584	0.00029	0.01263	1.33772	1.49E+00	0.184074	0.000248	0.00737	1.68E+00	1.466828	0.158317	0.000203	0.007828	1.633176
88	486683.18	3855693.15	12.82193	34.09895	15.26977	5.40464	1.16E+00	0.14426	0.00029	0.01252	1.31901	1.47E+00	0.182072	0.000243	0.007308	1.66E+00	1.445668	0.156595	0.000198	0.007761	1.610223
89	486733.18	3855693.15	12.6826	32.88459	15.03735	5.35722	1.15E+00	0.13912	0.00028	0.01241	1.30113	1.45E+00	0.175588	0.000239	0.007244	1.63E+00	1.429959	0.151018	0.000195	0.007693	1.588866
90	486783.18	3855693.15	12.49229	31.29675	14.83368	5.30643	1.13E+00	0.1324	0.00028	0.01229	1.27705	1.43E+00	0.16711	0.000236	0.007175	1.60E+00	1.408501	0.143726	0.000193	0.00762	1.560041
91	486533.18	3855743.15	14.27766	35.90061	17.92955	5.66356	1.29E+00	0.15188	0.00034	0.01312	1.4592	1.63E+00	0.191692	0.000285	0.007658	1.83E+00	1.609801	0.164869	0.000233	0.008133	1.783036
92	486583.18	3855743.15	13.85059	35.22357	17.04071	5.62102	1.26E+00	0.14901	0.00032	0.01302	1.41752	1.58E+00	0.188077	0.000271	0.0076	1.78E+00	1.561649	0.16176	0.000221	0.008072	1.731702
93	486633.18	3855743.15	13.47052	34.42653	16.41136	5.57946	1.22E+00	0.14564	0.00031	0.01292	1.3796	1.54E+00	0.183821	0.000261	0.007544	1.73E+00	1.518797	0.158099	0.000213	0.008012	1.685121
94	486683.18	3855743.15	13.13181	34.25581	16.12258	5.53952	1.19E+00	0.14492	0.0003	0.01283	1.34808	1.50E+00	0.18291	0.000256	0.00749	1.69E+00	1.480607	0.157315	0.000209	0.007955	1.646087
95	486733.18	3855743.15	12.83692	33.07881	15.75503	5.49505	1.16E+00	0.13994	0.00029	0.01273	1.31627	1.47E+00	0.176625	0.00025	0.00743	1.65E+00	1.447358	0.15191	0.000205	0.007891	1.607364
96	486783.18	3855743.15	12.73262	32.85928	15.6754	5.45021	1.15E+00	0.13901	0.00029	0.01262	1.30579	1.46E+00	0.175453	0.000249	0.007369	1.64E+00	1.435599	0.150902	0.000203	0.007827	1.594531
97	486533.18	3855793.15	14.7564	36.0793	18.72473	5.74755	1.34E+00	0.15263	0.00035	0.01331	1.50355	1.69E+00	0.192646	0.000298	0.007771	1.89E+00	1.663779	0.16569	0.000243	0.008254	1.837965
98	486583.18	3855793.15	14.56949	36.37151	17.66156	5.70961	1.32E+00	0.15387	0.00033	0.01322	1.48774	1.67E+00	0.194206	0.000281	0.00772	1.87E+00	1.642705	0.167031	0.000229	0.008199	1.818165
99	486633.18	3855793.15	14.08054	36.70207	17.33218	5.67849	1.28E+00	0.15527	0.00032	0.01315	1.44475	1.61E+00	0.195971	0.000275	0.007678	1.81E+00	1.587576	0.16855	0.000225	0.008155	1.764505
100	486683.18	3855793.15	13.60058	36.78789	17.03451	5.64551	1.23E+00	0.15563	0.00032	0.01308	1.40154	1.56E+00	0.19643	0.000271	0.007633	1.76E+00	1.533461	0.168944	0.000221	0.008107	1.710733
101	486733.18	3855793.15	13.2794	34.92224	16.6843	6.28063	1.20E+00	0.14774	0.00031	0.01455	1.36601	1.52E+00	0.186468	0.000265	0.008492	1.71E+00	1.497248	0.160376	0.000217	0.009019	1.66686
102	486783.18	3855793.15	12.96599	33.3808	16.3891	5.5681	1.18E+00	0.14122	0.00031	0.0129	1.32943	1.48E+00	0.178237	0.00026	0.007529	1.67E+00	1.461911	0.153297	0.000213	0.007996	1.623417
103	486533.18	3855843.15	15.10785	35.34248	19.444	5.79598	1.37E+00	0.14952	0.00036	0.01342	1.53241	1.73E+00	0.188712	0.000309	0.007837	1.92E+00	1.703405	0.162306	0.000252	0.008323	1.874286
104	486583.18	3855843.15	14.86177	36.576	18.5464	5.76716	1.35E+00	0.15474	0.00035	0.01336	1.51524	1.70E+00	0.195298	0.000295	0.007798	1.90E+00	1.675659	0.167971	0.000241	0.008282	1.852153
105	486633.18	3855843.15	14.51203	37.75485	18.17903	5.74317	1.32E+00	0.15972	0.00034	0.0133	1.48848	1.66E+00	0.201593	0.000289	0.007765	1.87E+00	1.636226	0.173384	0.000236	0.008247	1.818094
106	486683.18	3855843.15	14.21164	38.52285	17.79847	5.71729	1.29E+00	0.16297	0.00033	0.01324	1.46444	1.63E+00	0.205694	0.000283	0.00773	1.84E+00	1.602358	0.176911	0.000231	0.00821	1.78771
107	486733.18	3855843.15	13.78919	37.84547	17.47342	5.68837	1.25E+00	0.16011	0.00033	0.01318	1.42321	1.58E+00	0.202077	0.000278	0.007691	1.79E+00	1.554726	0.1738	0.000227	0.008169	1.736923
108	486783.18	3855843.15	13.36075	36.48754	17.14948	5.65539	1.21E+00	0.15436	0.00032	0.0131	1.37856	1.53E+00	0.194826	0.000273	0.007647	1.73E+00	1.50642	0.167564	0.000223	0.008121	1.682328
109	486533.18	3855893.15	15.80189	35.20753	19.79314	5.81568	1.43E+00	0.14895	0.00037	0.01347	1.59479	1.81E+00	0.187991	0.000315	0.007863	2.00E+00	1.781658	0.161686	0.000257	0.008352	1.951952
110	486583.18	3855893.15	15.31702	36.3136	19.40092	5.79831	1.39E+00	0.15363	0.00036	0.01343	1.55548	1.75E+00	0.193897	0.000308	0.00784	1.95E+00	1.726989	0.166766	0.000252	0.008327	1.902333
111	486633.18	3855893.15	14.87009	37.90114	18.9835	5.77925	1.35E+00	0.16034	0.00036	0.01339	1.52164	1.70E+00	0.202374	0.000302	0.007814	1.91E+00	1.676598	0.174056	0.000246	0.008299	1.859199
112	486683.18	3855893.15	14.42479	38.8977	18.62306	5.75917	1.31E+00	0.16456	0.00035	0.01334	1.48545	1.65E+00	0.207695	0.000296	0.007787	1.87E+00	1.62639	0.178633	0.000242	0.00827	1.813535
113	486733.18	3855893.15	14.05393	39.37876	18.24301	5.73692	1.27E+00	0.16659	0.00034	0.01329	1.45382	1.61E+00	0.210264	0.00029	0.007757	1.83E+00	1.584576	0.180842	0.000237	0.008239	1.773893
114	486783.18	3855893.15	13.73372	39.3429	17.8926	5.7123	1.24E+00	0.16644	0.00033	0.01323	1.42458	1.57E+00	0.210072	0.000284	0.007724	1.79E+00	1.548472	0.180677	0.000232	0.008203	1.737585
115	486533.18	3855943.15	16.36472	37.19474	20.46403	5.82352	1.48E+00	0.15735	0.00038	0.01349	1.65423	1.87E+00	0.198602	0.000325	0.007874	2.08E+00	1.845117	0.170812	0.000266	0.008363	2.024557
116	486583.18	3855943.15	15.68853	37.41145	20.21411	5.81129	1.42E+00	0.15827	0.00038	0.01346	1.59384	1.79E+00	0.199759	0.000321	0.007857	2.00E+00	1.768876	0.171807	0.000262	0.008345	1.949291
117	486633.18	3855943.15	15.35264	38.28679	19.73003	5.79523	1.39E+00	0.16197	0.00037	0.01342	1.56705	1.76E+00	0.204433	0.000314	0.007836	1.97E+00	1.731005	0.175827	0.000256	0.008322	1.91541
118	486683.18	3855943.15	14.82971	38.93164	19.43307	5.78025	1.34E+00	0.1647	0.00036	0.01339	1.52235	1.70E+00	0.207876	0.000309	0.007816	1.91E+00	1.672045	0.178789	0.000252	0.008301	1.859386

119	486733.18	3855943.15	14.3995	41.02307	19.00611	5.76203	1.30E+00	0.17355	0.00036	0.01335	1.49216	1.65E+00	0.219044	0.000302	0.007791	1.87E+00	1.623539	0.188393	0.000247	0.008275	1.820453
120	486783.18	3855943.15	14.04972	42.06272	18.68334	5.74327	1.27E+00	0.17795	0.00035	0.0133	1.46481	1.61E+00	0.224595	0.000297	0.007766	1.84E+00	1.584101	0.193168	0.000243	0.008248	1.785759
121	486533.18	3855993.15	16.86324	38.96753	21.25911	5.84089	1.53E+00	0.16485	0.0004	0.01353	1.70696	1.93E+00	0.208068	0.000338	0.007898	2.15E+00	1.901325	0.178953	0.000276	0.008388	2.088942
122	486583.18	3855993.15	16.33475	39.00108	20.90565	5.81278	1.48E+00	0.16499	0.00039	0.01346	1.65914	1.87E+00	0.208247	0.000332	0.00786	2.08E+00	1.841737	0.179107	0.000271	0.008347	2.029464
123	486633.18	3855993.15	15.84271	39.41472	20.49324	5.79972	1.44E+00	0.16674	0.00038	0.01343	1.61626	1.81E+00	0.210456	0.000326	0.007842	2.03E+00	1.78626	0.181007	0.000266	0.008329	1.975862
124	486683.18	3855993.15	15.27577	40.20461	20.16576	5.7873	1.38E+00	0.17009	0.00038	0.0134	1.56819	1.75E+00	0.214673	0.00032	0.007825	1.97E+00	1.722338	0.184635	0.000262	0.008311	1.915545
125	486733.18	3855993.15	14.91011	42.51417	19.76428	5.77255	1.35E+00	0.17986	0.00037	0.01337	1.54478	1.71E+00	0.227005	0.000314	0.007805	1.94E+00	1.68111	0.195241	0.000257	0.00829	1.884897
126	486783.18	3855993.15	14.46681	44.51463	19.40271	5.75678	1.31E+00	0.18832	0.00036	0.01333	1.51303	1.65E+00	0.237687	0.000308	0.007784	1.90E+00	1.631128	0.204428	0.000252	0.008267	1.844074
127	486533.18	3856043.15	17.70302	42.03464	22.03492	5.98974	1.60E+00	0.17783	0.00041	0.01387	1.7964	2.02E+00	0.224445	0.00035	0.008099	2.26E+00	1.996009	0.193039	0.000286	0.008602	2.197936
128	486583.18	3856043.15	16.85262	41.22781	21.70697	5.85581	1.53E+00	0.17441	0.00041	0.01356	1.7156	1.93E+00	0.220137	0.000345	0.007918	2.16E+00	1.900127	0.189333	0.000282	0.008409	2.098152
129	486633.18	3856043.15	16.26143	40.71391	21.24646	5.79914	1.47E+00	0.17224	0.0004	0.01343	1.65972	1.86E+00	0.217393	0.000338	0.007841	2.09E+00	1.833471	0.186973	0.000276	0.008328	2.029048
130	486683.18	3856043.15	15.76662	41.31028	20.92945	5.78811	1.43E+00	0.17476	0.00039	0.01341	1.61737	1.80E+00	0.220577	0.000333	0.007826	2.03E+00	1.777681	0.189712	0.000272	0.008312	1.975977
131	486733.18	3856043.15	15.35989	43.79232	20.46719	5.77456	1.39E+00	0.18526	0.00038	0.01337	1.59097	1.76E+00	0.23383	0.000325	0.007808	2.00E+00	1.731822	0.201111	0.000266	0.008293	1.941491
132	486783.18	3856043.15	14.88479	47.00251	20.18025	5.76227	1.35E+00	0.19884	0.00038	0.01335	1.56146	1.70E+00	0.250971	0.000321	0.007791	1.96E+00	1.678255	0.215853	0.000262	0.008275	1.902645
133	486533.18	3856093.15	18.55098	46.32147	22.91289	6.24804	1.68E+00	0.19596	0.00043	0.01447	1.89199	2.12E+00	0.247334	0.000364	0.008448	2.38E+00	2.091617	0.212725	0.000297	0.008973	2.313612
134	486583.18	3856093.15	17.87822	43.68638	22.46858	6.12415	1.62E+00	0.18482	0.00042	0.01418	1.81958	2.04E+00	0.233264	0.000357	0.008281	2.29E+00	2.015763	0.200624	0.000292	0.008795	2.225474
135	486633.18	3856093.15	16.93802	43.67803	22.03023	5.97267	1.53E+00	0.18478	0.00041	0.01383	1.73399	1.94E+00	0.23322	0.00035	0.008076	2.18E+00	1.909756	0.200586	0.000286	0.008577	2.119205
136	486683.18	3856093.15	16.25689	43.05116	21.68884	5.87818	1.47E+00	0.18213	0.00041	0.01361	1.66938	1.86E+00	0.229873	0.000345	0.007948	2.10E+00	1.832959	0.197707	0.000282	0.008441	2.039389
137	486733.18	3856093.15	15.74379	45.14223	21.25236	5.79358	1.43E+00	0.19097	0.0004	0.01342	1.63153	1.80E+00	0.241038	0.000338	0.007834	2.05E+00	1.775107	0.20731	0.000276	0.00832	1.991013
138	486783.18	3856093.15	15.3952	48.59962	20.89532	5.78118	1.40E+00	0.2056	0.00039	0.01339	1.61453	1.76E+00	0.259499	0.000332	0.007817	2.03E+00	1.735804	0.223188	0.000271	0.008302	1.967564
139	486533.18	3856143.15	18.82407	49.531	23.76627	6.45362	1.71E+00	0.20954	0.00044	0.01495	1.93081	2.15E+00	0.264472	0.000378	0.008726	2.43E+00	2.122407	0.227465	0.000308	0.009268	2.359448
140	486583.18	3856143.15	18.3735	47.48891	23.23158	6.33586	1.67E+00	0.2009	0.00043	0.01468	1.88106	2.10E+00	0.253568	0.000369	0.008567	2.36E+00	2.071606	0.218087	0.000302	0.009099	2.299093
141	486633.18	3856143.15	17.74754	46.2224	22.85964	6.23464	1.61E+00	0.19554	0.00043	0.01444	1.81873	2.03E+00	0.246805	0.000363	0.00843	2.29E+00	2.001029	0.21227	0.000297	0.008953	2.222549
142	486683.18	3856143.15	17.069	45.7551	22.46877	6.13926	1.55E+00	0.19357	0.00042	0.01422	1.75504	1.95E+00	0.24431	0.000357	0.008301	2.21E+00	1.924524	0.210124	0.000292	0.008816	2.143756
143	486733.18	3856143.15	16.24439	46.10144	22.05578	6.04533	1.47E+00	0.19503	0.00041	0.014	1.68155	1.86E+00	0.24616	0.000351	0.008174	2.11E+00	1.831549	0.211715	0.000286	0.008681	2.052232
144	486783.18	3856143.15	15.81391	50.00782	21.77297	5.97518	1.43E+00	0.21156	0.00041	0.01384	1.6589	1.81E+00	0.267018	0.000346	0.008079	2.08E+00	1.783013	0.229654	0.000283	0.008581	2.021531
145	486533.18	3856193.15	19.27376	52.4015	24.82558	6.75904	1.75E+00	0.22169	0.00046	0.01566	1.98443	2.20E+00	0.279799	0.000395	0.009139	2.49E+00	2.17311	0.240647	0.000322	0.009706	2.423786
146	486583.18	3856193.15	18.68065	50.91741	24.1302	6.58179	1.69E+00	0.21541	0.00045	0.01524	1.92398	2.14E+00	0.271875	0.000384	0.008899	2.42E+00	2.106237	0.233832	0.000313	0.009452	2.349834
147	486633.18	3856193.15	18.14183	48.5476	23.67752	6.45832	1.64E+00	0.20538	0.00044	0.01496	1.86483	2.08E+00	0.259221	0.000376	0.008732	2.34E+00	2.045485	0.222949	0.000307	0.009274	2.278016
148	486683.18	3856193.15	17.51383	49.03247	23.32904	6.38369	1.59E+00	0.20743	0.00044	0.01479	1.80979	2.00E+00	0.26181	0.000371	0.008631	2.27E+00	1.974678	0.225175	0.000303	0.009167	2.209324
149	486733.18	3856193.15	16.97734	47.73464	22.89427	6.29779	1.54E+00	0.20194	0.00043	0.01459	1.75548	1.94E+00	0.25488	0.000364	0.008515	2.21E+00	1.914189	0.219215	0.000297	0.009044	2.142746
150	486783.18	3856193.15	16.49774	51.38991	22.5939	6.23666	1.50E+00	0.21741	0.00042	0.01445	1.72733	1.89E+00	0.274398	0.000359	0.008433	2.17E+00	1.860115	0.236002	0.000293	0.008956	2.105366
151	486533.18	3856243.15	20.01986	52.93611	25.7069	7.09097	1.81E+00	0.22395	0.00048	0.01642	2.05509	2.29E+00	0.282653	0.000409	0.009588	2.58E+00	2.257232	0.243102	0.000334	0.010183	2.510851
152	486583.18	3856243.15	19.25078	53.75898	25.12069	6.90942	1.74E+00	0.22743	0.00047	0.016	1.98845	2.20E+00	0.287047	0.000399	0.009342	2.50E+00	2.170519	0.246881	0.000326	0.009922	2.427648
153	486633.18	3856243.15	18.56103	52.68911	24.57631	6.7799	1.68E+00	0.2229	0.00046	0.0157	1.9211	2.12E+00	0.281335	0.000391	0.009167	2.41E+00	2.09275	0.241968	0.000319	0.009736	2.344773
154	486683.18	3856243.15	17.87465	51.73737	24.13586	6.67072	1.62E+00	0.21888	0.00045	0.01545	1.85462	2.04E+00	0.276253	0.000384	0.00902	2.33E+00	2.015361	0.237597	0.000313	0.00958	2.262851
155	486733.18	3856243.15	17.42736	50.8906	23.72531	6.59941	1.58E+00	0.21529	0.00044	0.01529	1.81033	1.99E+00	0.271731	0.000377	0.008923	2.27E+00	1.964929	0.233709	0.000308	0.009477	2.208422
156	486783.18	3856243.15	17.06237	52.33439	23.26702	6.50451	1.55E+00	0.2214	0.00044	0.01507	1.78313	1.95E+00	0.279441	0.00037	0.008795	2.24E+00	1.923776	0.240339	0.000302	0.009341	2.173758
157	486533.18	3856293.15	20.6665	51.57985	27.02248	7.53967	1.87E+00	0.21821	0.00051	0.01746	2.10902	2.36E+00	0.275412	0.000429	0.010194	2.65E+00	2.330141	0.236874	0.000351	0.010827	2.578193
158	486583.18	3856293.15	19.97638	55.53674	26.22109	7.28677	1.81E+00	0.23495	0.00049	0.01688	2.06262	2.28E+00	0.29654	0.000417	0.009853	2.59E+00	2.25233	0.255045	0.00034	0.010464	2.51818
159	486633.18	3856293.15	19.23247	55.2099	25.55477	7.14418	1.74E+00	0.23357	0.00048	0.01655	1.99348	2.20E+00	0.294794	0.000406	0.00966	2.50E+00	2.168454	0.253544	0.000332	0.010259	2.43259
160	486683.18	3856293.15	18.52292	53.47802	25.05837	7.00193	1.68E+00	0.22624	0.00047	0.01622	1.92151	2.12E+00	0.285547	0.000398	0.009467	2.41E+00	2.088453	0.245591	0.000325	0.010055	2.344424
161	486733.18	3856293.15	18.03123	54.4824	24.66531	6.94316	1.63E+00	0.23049	0.00046	0.01608	1.88106	2.06E+00	0.29091	0.000392	0.009388	2.36E+00	2.033015	0.250203	0.00032	0.009971	2.293509
162	486783.18	3856293.15	17.62665	53.23822	24.15273	6.83464	1.60E+00	0.22522	0.00045	0.01583	1.83887	2.02E+00	0.284267	0.000384	0.009241	2.31E+00	1.987399	0.24449	0.000314	0.009815	2.242017
163	486783.18	3856343.15	18.23241	56.21264	25.04065	7.25771	1.65E+00	0.23781	0.00047	0.01681	1.90735	2.09E+00	0.300149	0.000398	0.009813	2.40E+00	2.055698	0.258149	0.000325	0.010422	2.324595
164	486833.18	3856343.15	17.72263	58.57361	24.47874	7.19803	1.61E+00	0.2478	0.00046	0.01667	1.87099	2.03E+00	0.312755	0.000389	0.009733	2.35E+00	1.99822	0.268992	0.000318	0.010337	2.277867
165	486883.18	3856343.15	17.36315	62.40621	23.93256	7.14516	1.57E+00	0.26401	0.00045	0.01655	1.85449	1.99E+00	0.333219	0.00038	0.009661	2.33E+00	1.957689	0.286592	0.000311	0.010261	2.254853
166	486783.18	3856393.15	18.90624	59.212	25.8413	7.62956	1.71E+00	0.2505	0.00048	0.01767	1.98198	2.16E+00	0.316164	0.000411	0.010316	2.49E+00	2.131672	0.271923	0.000335	0.010956	2.414887
167	486833.18	3856393.15	18.33928	59.55796	25.17341	7.54752	1.66E+00	0.25196	0.00047	0.01748	1.93186	2.10E+00	0.318011	0.0004	0.010205	2.43E+00	2.067748	0.273512	0.000327	0.010839	2.352425
168	486883.18	3856393.15	17.82951	63.71229	24.55542	7.47227	1.62E+00	0.26954	0.00046	0.01731	1.90305	2.04E+00	0.340193	0.00039	0.010103	2.39E+00	2.010271	0.292591	0.000319	0.010731	2.313911
169	487208.74	3856886.11	18.71094	84.74918	25.70096	15.70343	1.70E+00	0.35853	0.00048	0.03637	2.09101	2.14E+00	0.45252	0.000408	0.021233	2.61E+00	2.109652	0.3892	0.000334	0.022551	2.521736
170	487258.74	3856886.11	18.12069	80.27634	24.94353	15.2294	1.64E+00	0.33961	0.00047	0.03527	2.01749	2.07E+00	0.428637	0.000396	0.020592	2.52E+00	2.043102	0.368659	0.000324	0.02187	2.433954
171	487308.74	3856886.11	17.56598	77.65416	24.15093	15.07615	1.59E+00	0.32852	0.00045	0.03492	1.95575	2.01E+00	0.414636	0.000384	0.020385	2.44E+00	1.980558	0.356617	0.000313	0.02165	2.359139
172	487358.74	3856886.11	17.09521	75.33658	23.42817	14.78665	1.55E+00	0.31871	0.00044	0.03425	1.9026	1.96E+00	0.402261	0.000372	0.019993	2.38E+00	1.927479	0.345974	0.000304	0.021234	2.294991
173	487208.74	3856936.11	19.4303	86.40916	26.69476	16.74619	1.76E+00	0.36555	0.0005	0.03879	2.16566	2.22E+00	0.461384	0.000424	0.022643	2.71E+00	2.19076	0.396823	0.000347	0.024048	2.611978
174	487258.74	3856936.11	18.66725	82.04793	25.6702	16.62527	1.69E+00	0.3471	0.00048	0.03851	2.07776	2.14E+00	0.438097	0.000408	0.022479	2.60E+00	2.104726	0.376795	0.000333	0.023875	2.505729
175	487308.74	3856936.11	18.00761	79.04849	24.64219	16.20733	1.63E+00	0.33442	0.00046	0.03754	2.0043	2.06E+00	0.422081	0.000392	0.021914	2.50E+00	2.030352	0.36302	0.00032	0.023275	2.416966
176	487358.74	3856936.11	17.48254	76.4297	23.84103	15.94969	1.58E+00	0.32334	0.00045	0.03694	1.94503	2.00E+00	0.408098	0.000379	0.021566	2.43E+00	1.97115	0.350994	0.000309	0.022905	2.345358
177	487208.74	3856986.11	20.8134	87.9677	28.26204	17.59718	1.89E+00	0.37215	0.00053	0.04076	2.29959	2.38E+00	0.469705	0.000449	0.023793	2.87E+00	2.346704	0.40398	0.000367	0.02527	2.776321
178	487258.74	3856986.11	19.32937	83.36657	26.64202	17.64837	1.75E+00	0.35268	0.0005	0.04088	2.14573	2.21E+00	0.445138	0.000423	0.023863	2.68E+00	2.17938	0.38285	0.000346	0.025344	2.58792
179	487308.74	3856986.11	18.59842	80.36364	25.47173	17.5239	1.69E+00	0.33998	0.00048	0.04059	2.06647	2.13E+00	0.429103	0.000405	0.023694	2.58E+00	2.096965	0.36906	0.000331	0.025165	2.491521

180	487358.74	3856986.11	17.87417	77.31975	24.46859	17.17858	1.62E+00	0.3271	0.00046	0.03979	1.98714	2.04E+00	0.41285	0.000389	0.023227	2.48E+00	2.015307	0.355081	0.000318	0.024669	2.395375
181	487208.74	3857036.11	22.93962	89.2016	30.02031	19.25537	2.08E+00	0.37737	0.00056	0.0446	2.50137	2.62E+00	0.476294	0.000477	0.026035	3.13E+00	2.586434	0.409647	0.00039	0.027652	3.024123
182	487258.74	3857036.11	20.90276	84.81099	27.8141	18.58562	1.89E+00	0.35879	0.00052	0.04305	2.29661	2.39E+00	0.45285	0.000442	0.02513	2.87E+00	2.356779	0.389484	0.000361	0.02669	2.773314
183	487308.74	3857036.11	19.3363	81.10436	26.33569	18.42173	1.75E+00	0.34311	0.00049	0.04267	2.13857	2.21E+00	0.433058	0.000419	0.024908	2.67E+00	2.180161	0.372461	0.000342	0.026455	2.579419
184	487358.74	3857036.11	18.35517	78.21908	25.12121	18.47032	1.66E+00	0.33091	0.00047	0.04278	2.03754	2.10E+00	0.417652	0.000399	0.024974	2.54E+00	2.069539	0.359211	0.000326	0.026524	2.455601
185	487427.14	3856878.23	16.38179	72.47781	22.39368	14.89012	1.48E+00	0.30662	0.00042	0.03449	1.82608	1.87E+00	0.386997	0.000356	0.020133	2.28E+00	1.847041	0.332845	0.000291	0.021383	2.20156
186	487477.14	3856878.23	15.99027	70.68112	21.80306	15.01295	1.45E+00	0.29902	0.00041	0.03477	1.78327	1.83E+00	0.377403	0.000347	0.020299	2.23E+00	1.802897	0.324594	0.000283	0.021559	2.149334
187	487527.14	3856878.23	15.61798	68.62501	21.25911	15.00398	1.42E+00	0.29032	0.0004	0.03475	1.7408	1.79E+00	0.366425	0.000338	0.020287	2.17E+00	1.760922	0.315152	0.000276	0.021547	2.097896
188	487427.14	3856928.23	16.69831	73.67881	22.79468	15.57271	1.51E+00	0.3117	0.00043	0.03607	1.86143	1.91E+00	0.39341	0.000362	0.021056	2.32E+00	1.882729	0.33836	0.000296	0.022363	2.243748
189	487477.14	3856928.23	16.27346	71.74272	22.22796	15.63347	1.47E+00	0.30351	0.00042	0.03621	1.81487	1.86E+00	0.383072	0.000353	0.021138	2.27E+00	1.834827	0.329469	0.000289	0.02245	2.187035
190	487527.14	3856928.23	15.87387	69.50415	21.65482	15.76606	1.44E+00	0.29404	0.00041	0.03652	1.76948	1.82E+00	0.371119	0.000344	0.021317	2.21E+00	1.789773	0.319189	0.000281	0.022641	2.131884
191	487577.14	3856928.23	15.47773	68.37578	21.12163	15.78782	1.40E+00	0.28926	0.0004	0.03657	1.72885	1.77E+00	0.365094	0.000336	0.021347	2.16E+00	1.745109	0.314007	0.000274	0.022672	2.082062
192	487627.14	3856928.23	15.15496	66.94605	20.64436	15.6129	1.37E+00	0.28322	0.00039	0.03616	1.69314	1.73E+00	0.35746	0.000328	0.02111	2.11E+00	1.708717	0.307441	0.000268	0.022421	2.038847
193	487677.14	3856928.23	14.73852	65.06607	20.14668	15.63978	1.34E+00	0.27526	0.00038	0.03622	1.6475	1.69E+00	0.347422	0.00032	0.021147	2.05E+00	1.661763	0.298808	0.000262	0.02246	1.983292
194	487727.14	3856928.23	14.3151	61.86252	19.67607	15.61553	1.30E+00	0.26171	0.00037	0.03617	1.59551	1.64E+00	0.330316	0.000313	0.021114	1.99E+00	1.614023	0.284096	0.000255	0.022425	1.920798
195	487777.14	3856928.23	14.00315	60.44567	19.25692	15.38996	1.27E+00	0.25572	0.00036	0.03565	1.56072	1.60E+00	0.322751	0.000306	0.020809	1.95E+00	1.57885	0.277589	0.00025	0.022101	1.87879
196	487427.14	3856978.23	17.07138	74.94942	23.33917	16.60953	1.55E+00	0.31707	0.00044	0.03847	1.90303	1.95E+00	0.400194	0.000371	0.022458	2.38E+00	1.924792	0.344196	0.000303	0.023852	2.293143
197	487477.14	3856978.23	16.55808	72.52057	22.69527	16.40905	1.50E+00	0.3068	0.00042	0.03801	1.84576	1.89E+00	0.387225	0.000361	0.022187	2.30E+00	1.866918	0.333041	0.000295	0.023564	2.223818
198	487527.14	3856978.23	16.09735	70.50248	22.08999	16.46257	1.46E+00	0.29826	0.00041	0.03813	1.79558	1.84E+00	0.376449	0.000351	0.022259	2.24E+00	1.814971	0.323774	0.000287	0.023641	2.162672
199	487577.14	3856978.23	15.73535	69.50039	21.54141	16.55154	1.43E+00	0.29402	0.0004	0.03834	1.75873	1.80E+00	0.371099	0.000342	0.022379	2.19E+00	1.774155	0.319172	0.00028	0.023769	2.117375
200	487627.14	3856978.23	15.39926	67.69574	21.05192	16.43661	1.40E+00	0.28639	0.00039	0.03807	1.72037	1.76E+00	0.361463	0.000335	0.022224	2.15E+00	1.736261	0.310884	0.000273	0.023604	2.071022
201	487677.14	3856978.23	15.00955	64.81962	20.53175	16.44032	1.36E+00	0.27422	0.00038	0.03808	1.67288	1.72E+00	0.346106	0.000326	0.022229	2.09E+00	1.692322	0.297676	0.000267	0.023609	2.013873
202	487727.14	3856978.23	14.70895	62.71186	20.13477	16.09678	1.33E+00	0.2653	0.00038	0.03728	1.63592	1.68E+00	0.334851	0.00032	0.021765	2.04E+00	1.658429	0.287996	0.000261	0.023116	1.969802
203	487777.14	3856978.23	14.22585	60.74548	19.56631	16.39871	1.29E+00	0.25698	0.00037	0.03798	1.58451	1.63E+00	0.324352	0.000311	0.022173	1.97E+00	1.60396	0.278966	0.000254	0.023549	1.906729
204	487427.14	3857028.23	17.44055	75.67359	23.86437	17.74027	1.58E+00	0.32014	0.00045	0.04109	1.94217	1.99E+00	0.404061	0.000379	0.023987	2.42E+00	1.966416	0.347521	0.00031	0.025476	2.339723
205	487477.14	3857028.23	16.91996	73.30385	23.19965	17.51022	1.53E+00	0.31011	0.00043	0.04056	1.88443	1.94E+00	0.391407	0.000369	0.023676	2.35E+00	1.90772	0.336639	0.000301	0.025146	2.269805
206	487527.14	3857028.23	16.4541	71.88766	22.594	17.25191	1.49E+00	0.30412	0.00042	0.03996	1.83561	1.88E+00	0.383846	0.000359	0.023326	2.29E+00	1.855194	0.330135	0.000293	0.024775	2.210397
207	487577.14	3857028.23	15.98852	69.96786	22.00355	17.17938	1.45E+00	0.296	0.00041	0.03979	1.78512	1.83E+00	0.373595	0.00035	0.023228	2.23E+00	1.8027	0.321318	0.000286	0.02467	2.148975
208	487627.14	3857028.23	15.66609	68.02129	21.49688	17.13096	1.42E+00	0.28776	0.0004	0.03968	1.74754	1.79E+00	0.363201	0.000342	0.023163	2.18E+00	1.766346	0.312379	0.000279	0.024601	2.103605
209	487677.14	3857028.23	15.30668	64.2272	20.96529	17.16647	1.39E+00	0.27171	0.00039	0.03976	1.69899	1.75E+00	0.342942	0.000333	0.023211	2.12E+00	1.725823	0.294955	0.000272	0.024652	2.045702
210	487727.14	3857028.23	14.92628	62.52898	20.42772	17.22661	1.35E+00	0.26453	0.00038	0.0399	1.65746	1.71E+00	0.333875	0.000325	0.023292	2.06E+00	1.682933	0.287156	0.000265	0.024738	1.995093
211	487777.14	3857028.23	14.57122	61.26813	19.94824	17.16024	1.32E+00	0.2592	0.00037	0.03975	1.61979	1.67E+00	0.327142	0.000317	0.023203	2.02E+00	1.6429	0.281366	0.000259	0.024643	1.949168
212	487427.14	3857078.23	17.84029	76.24344	24.56175	19.02697	1.62E+00	0.32255	0.00046	0.04407	1.9838	2.04E+00	0.407103	0.00039	0.025727	2.47E+00	2.011487	0.350138	0.000319	0.027324	2.389267
213	487477.14	3857078.23	17.22063	73.93013	23.81152	18.53375	1.56E+00	0.31276	0.00045	0.04293	1.91671	1.97E+00	0.394752	0.000378	0.02506	2.39E+00	1.94162	0.339515	0.000309	0.026615	2.308059
214	487527.14	3857078.23	16.75462	72.7824	23.12269	18.26057	1.52E+00	0.30791	0.00043	0.04229	1.86897	1.92E+00	0.388623	0.000367	0.02469	2.33E+00	1.889078	0.334244	0.0003	0.026223	2.249845
215	487577.14	3857078.23	16.33423	70.4764	22.50757	18.03202	1.48E+00	0.29815	0.00042	0.04177	1.82058	1.87E+00	0.37631	0.000358	0.024381	2.27E+00	1.841679	0.323654	0.000292	0.025895	2.19152
216	487627.14	3857078.23	15.94004	66.97835	21.95839	17.76922	1.44E+00	0.28335	0.00041	0.04116	1.76944	1.82E+00	0.357632	0.000349	0.024026	2.21E+00	1.797234	0.307589	0.000285	0.025518	2.130626
217	487677.14	3857078.23	15.56938	64.41197	21.40521	17.88044	1.41E+00	0.2725	0.0004	0.04141	1.72524	1.78E+00	0.343929	0.00034	0.024176	2.15E+00	1.755442	0.295804	0.000278	0.025677	2.077201
218	487727.14	3857078.23	15.21815	63.29245	20.86352	17.95082	1.38E+00	0.26776	0.00039	0.04158	1.68883	1.74E+00	0.337951	0.000332	0.024271	2.10E+00	1.715841	0.290662	0.000271	0.025778	2.032553
219	487777.14	3857078.23	14.88924	62.70823	20.37635	17.82272	1.35E+00	0.26529	0.00038	0.04128	1.65624	1.70E+00	0.334832	0.000324	0.024098	2.06E+00	1.678757	0.287979	0.000264	0.025594	1.992595
220	487427.14	3857128.23	18.67107	76.80196	25.41839	19.91179	1.69E+00	0.32491	0.00048	0.04612	2.06352	2.14E+00	0.410086	0.000404	0.026923	2.57E+00	2.105157	0.352703	0.00033	0.028594	2.486784
221	487477.14	3857128.23	17.79993	75.16629	24.57091	19.73275	1.61E+00	0.31799	0.00046	0.0457	1.97722	2.04E+00	0.401352	0.000391	0.026681	2.46E+00	2.006936	0.345192	0.000319	0.028337	2.380784
222	487527.14	3857128.23	17.11144	73.24673	23.80939	19.25459	1.55E+00	0.30987	0.00045	0.0446	1.90559	1.96E+00	0.391102	0.000378	0.026034	2.37E+00	1.929309	0.336376	0.000309	0.027651	2.293645
223	487577.14	3857128.23	16.62244	70.21491	23.09802	18.89972	1.51E+00	0.29704	0.00043	0.04378	1.84761	1.90E+00	0.374914	0.000367	0.025554	2.30E+00	1.874174	0.322453	0.0003	0.027141	2.224068
224	487627.14	3857128.23	16.19913	66.39836	22.44927	18.7391	1.47E+00	0.2809	0.00042	0.0434	1.79272	1.85E+00	0.354535	0.000357	0.025337	2.23E+00	1.826446	0.304926	0.000291	0.02691	2.158574
225	487677.14	3857128.23	15.83	65.35779	21.9003	18.43915	1.43E+00	0.2765	0.00041	0.04271	1.75416	1.81E+00	0.348979	0.000348	0.024932	2.18E+00	1.784827	0.300147	0.000284	0.02648	2.111738
226	487727.14	3857128.23	15.45495	64.35855	21.30275	18.60812	1.40E+00	0.27227	0.0004	0.0431	1.71633	1.77E+00	0.343644	0.000339	0.02516	2.14E+00	1.74254	0.295558	0.000277	0.026722	2.065097
227	487777.14	3857128.23	15.15145	62.96699	20.80931	18.54994	1.37E+00	0.26638	0.00039	0.04297	1.68279	1.73E+00	0.336214	0.000331	0.025082	2.09E+00	1.708321	0.289168	0.00027	0.026639	2.024397
228	488049.44	3856539.39	11.07487	46.03216	14.97987	10.87107	1.00E+00	0.19474	0.00028	0.02518	1.22383	1.27E+00	0.24579	0.000238	0.014699	1.53E+00	1.248688	0.211397	0.000194	0.015611	1.47589
229	488099.44	3856539.39	10.86011	44.96977	14.68761	10.75606	9.84E-01	0.19025	0.00027	0.02491	1.1996	1.24E+00	0.240117	0.000233	0.014543	1.50E+00	1.224474	0.206518	0.000191	0.015446	1.446628
230	488149.44	3856539.39	10.64603	44.57196	14.39051	10.7407	9.65E-01	0.18856	0.00027	0.02488	1.17847	1.22E+00	0.237993	0.000229	0.014523	1.47E+00	1.200336	0.204691	0.000187	0.015424	1.420638
231	488049.44	3856589.39	11.26558	47.27135	15.23051	11.379	1.02E+00	0.19998	0.00029	0.02636	1.24753	1.29E+00	0.252406	0.000242	0.015386	1.56E+00	1.27019	0.217088	0.000198	0.016341	1.503816
232	488099.44	3856589.39	11.04975	46.80068	14.92424	11.30341	1.00E+00	0.19799	0.00028	0.02618	1.2258	1.26E+00	0.249893	0.000237	0.015283	1.53E+00	1.245856	0.214926	0.000194	0.016232	1.477208
233	488149.44	3856589.39	10.83407	46.32599	14.62543	11.25189	9.82E-01	0.19598	0.00027	0.02606	1.20412	1.24E+00	0.247359	0.000232	0.015214	1.50E+00	1.221538	0.212746	0.00019	0.016158	1.450632
234	488199.44	3856589.39	10.63729	46.90245	14.3593	11.12073	9.64E-01	0.19842	0.00027	0.02576	1.18842	1.22E+00	0.250437	0.000228	0.015036	1.48E+00	1.199351	0.215393	0.000186	0.01597	1.430901
235	488249.44	3856589.39	10.38935	47.06699	14.0459	11.28861	9.42E-01	0.19912	0.00026	0.02615	1.16703	1.19E+00	0.251315	0.000223	0.015263	1.46E+00	1.171396	0.216149	0.000182	0.016211	1.403938
236	488049.44	3856639.39	11.42477	48.88569	15.51307	11.81107	1.04E+00	0.20681	0.00029	0.02736	1.2698	1.31E+00	0.261026	0.000247	0.01597	1.58E+00	1.288139	0.224501	0.000201	0.016961	1.529803
237	488099.44	3856639.39	11.21605	48.5673	15.21518	11.7431	1.02E+00	0.20546	0.00028	0.0272	1.24937	1.28E+00	0.259326	0.000242	0.015878	1.56E+00	1.264606	0.223039	0.000197	0.016864	1.504706
238	488149.44	3856639.39	10.99608	48.88849	14.90811	11.68297	9.96E-01	0.20682	0.00028	0.02706	1.23065	1.26E+00	0.261041	0.000237	0.015797	1.53E+00	1.239804	0.224514	0.000194	0.016777	1.481289
239	488199.44	3856639.39	10.76164	48.88046	14.59872	11.72227	9.75E-01	0.20679	0.00027	0.02715	1.20946	1.23E+00	0.260998	0.000232	0.01585	1.51E+00	1.213371	0.224477	0.000189	0.016834	1.454872
240	488249.44	3856639.39	10.55546	48.6446	14.31137	11.7026	9.57E-01	0.20579	0.00027	0.02711	1.18972	1.21E+00	0.259739	0.000227	0.015823	1.48E+00	1.190125	0.223394	0.000186	0.016806	1.43051

241	488299.44	3856639.39	10.34245	48.14594	14.03191	11.68297	9.37E-01	0.20368	0.00026	0.02706	1.16826	1.18E+00	0.257076	0.000223	0.015797	1.46E+00	1.166108	0.221104	0.000182	0.016777	1.404171
242	488349.44	3856639.39	10.16005	47.29716	13.7727	11.57686	9.21E-01	0.20009	0.00026	0.02681	1.14789	1.16E+00	0.252544	0.000219	0.015653	1.43E+00	1.145542	0.217206	0.000179	0.016625	1.379552
243	488399.44	3856639.39	9.96118	46.35239	13.49754	11.63654	9.03E-01	0.19609	0.00025	0.02695	1.126	1.14E+00	0.2475	0.000215	0.015734	1.40E+00	1.12312	0.212867	0.000175	0.016711	1.352873
244	488099.44	3856689.39	11.34972	50.52394	15.45891	12.2691	1.03E+00	0.21374	0.00029	0.02842	1.27098	1.30E+00	0.269774	0.000246	0.016589	1.58E+00	1.279677	0.232025	0.000201	0.017619	1.529521
245	488149.44	3856689.39	11.14648	50.55499	15.16307	12.16034	1.01E+00	0.21387	0.00028	0.02817	1.25244	1.27E+00	0.269939	0.000241	0.016442	1.56E+00	1.256762	0.232167	0.000197	0.017463	1.506589
246	488199.44	3856689.39	10.90976	50.17994	14.85689	12.17387	9.89E-01	0.21229	0.00028	0.0282	1.22943	1.25E+00	0.267937	0.000236	0.01646	1.53E+00	1.230072	0.230445	0.000193	0.017482	1.478192
247	488249.44	3856689.39	10.70826	49.54353	14.56837	12.07035	9.70E-01	0.20959	0.00027	0.02796	1.20823	1.22E+00	0.264539	0.000232	0.01632	1.51E+00	1.207353	0.227522	0.000189	0.017334	1.452398
248	488299.44	3856689.39	10.48511	48.46032	14.27165	12.15267	9.50E-01	0.20501	0.00027	0.02815	1.18361	1.20E+00	0.258755	0.000227	0.016432	1.47E+00	1.182193	0.222548	0.000185	0.017452	1.422377
249	488349.44	3856689.39	10.29747	47.64161	14.00308	12.05453	9.33E-01	0.20155	0.00026	0.02792	1.16291	1.18E+00	0.254383	0.000223	0.016299	1.45E+00	1.161036	0.218788	0.000182	0.017311	1.397317
250	488399.44	3856689.39	10.13534	47.24488	13.75658	11.82546	9.18E-01	0.19987	0.00026	0.02739	1.146	1.16E+00	0.252265	0.000219	0.015989	1.43E+00	1.142756	0.216966	0.000179	0.016982	1.376883
251	488099.44	3856739.39	11.5018	51.86326	15.77657	12.81938	1.04E+00	0.21941	0.0003	0.02969	1.29171	1.32E+00	0.276925	0.000251	0.017333	1.61E+00	1.296824	0.238175	0.000205	0.018409	1.553613
252	488149.44	3856739.39	11.27395	51.60132	15.46103	12.6428	1.02E+00	0.2183	0.00029	0.02928	1.26954	1.29E+00	0.275526	0.000246	0.017094	1.58E+00	1.271134	0.236972	0.000201	0.018156	1.526463
253	488199.44	3856739.39	11.04824	50.573	15.1335	12.70783	1.00E+00	0.21395	0.00028	0.02943	1.24488	1.26E+00	0.270036	0.000241	0.017182	1.55E+00	1.245685	0.23225	0.000196	0.018249	1.496381
254	488249.44	3856739.39	10.85265	49.63378	14.83648	12.56536	9.83E-01	0.20998	0.00028	0.0291	1.22285	1.24E+00	0.265021	0.000236	0.01699	1.52E+00	1.223633	0.227937	0.000193	0.018045	1.469806
255	488299.44	3856739.39	10.67723	49.22988	14.5618	12.30675	9.68E-01	0.20827	0.00027	0.0285	1.20464	1.22E+00	0.262864	0.000231	0.01664	1.50E+00	1.203854	0.226082	0.000189	0.017673	1.447798
256	488349.44	3856739.39	10.43636	48.32945	14.25949	12.47033	9.46E-01	0.20446	0.00027	0.02888	1.17937	1.19E+00	0.258056	0.000227	0.016861	1.47E+00	1.176696	0.221947	0.000185	0.017908	1.416736
257	488399.44	3856739.39	10.22246	47.1081	13.96883	12.57774	9.26E-01	0.19929	0.00026	0.02913	1.15507	1.17E+00	0.251535	0.000222	0.017006	1.44E+00	1.152579	0.216338	0.000181	0.018062	1.38716
258	487999.44	3856789.39	12.24657	53.92067	16.79302	13.21274	1.11E+00	0.22811	0.00031	0.0306	1.36884	1.40E+00	0.287911	0.000267	0.017865	1.71E+00	1.380797	0.247624	0.000218	0.018974	1.647612
259	488049.44	3856789.39	12.0091	53.52561	16.46407	13.17994	1.09E+00	0.22644	0.00031	0.03053	1.34557	1.37E+00	0.285801	0.000262	0.017821	1.68E+00	1.354022	0.245809	0.000214	0.018927	1.618972
260	488099.44	3856789.39	11.72824	52.72114	16.10411	13.27219	1.06E+00	0.22304	0.0003	0.03074	1.31692	1.34E+00	0.281506	0.000256	0.017945	1.64E+00	1.322355	0.242115	0.000209	0.01906	1.583739
261	488149.44	3856789.39	11.49392	51.86873	15.7738	13.12388	1.04E+00	0.21943	0.0003	0.0304	1.29173	1.31E+00	0.276954	0.000251	0.017745	1.61E+00	1.295936	0.2382	0.000205	0.018847	1.553187
262	488199.44	3856789.39	11.24173	50.92942	15.44391	13.09991	1.02E+00	0.21546	0.00029	0.03034	1.26484	1.29E+00	0.271939	0.000245	0.017713	1.58E+00	1.267501	0.233887	0.0002	0.018812	1.520401
263	488249.44	3856789.39	11.02671	50.31842	15.13782	13.00163	9.99E-01	0.21287	0.00028	0.03011	1.24253	1.26E+00	0.268676	0.000241	0.01758	1.55E+00	1.243258	0.231081	0.000196	0.018671	1.493206
264	488299.44	3856789.39	10.84508	49.56207	14.85225	12.79643	9.83E-01	0.20967	0.00028	0.02964	1.22239	1.24E+00	0.264638	0.000236	0.017302	1.52E+00	1.222779	0.227607	0.000193	0.018376	1.468956
265	488349.44	3856789.39	10.60735	48.30331	14.53321	12.92666	9.61E-01	0.20435	0.00027	0.02994	1.19582	1.21E+00	0.257917	0.000231	0.017478	1.49E+00	1.195975	0.221827	0.000189	0.018563	1.436554
266	488399.44	3856789.39	10.40884	46.92055	14.23673	12.95399	9.43E-01	0.1985	0.00027	0.03	1.17204	1.19E+00	0.250533	0.000226	0.017515	1.46E+00	1.173593	0.215477	0.000185	0.018603	1.407857
267	487949.44	3856839.39	12.70712	55.50815	17.42791	13.66901	1.15E+00	0.23483	0.00033	0.03166	1.41836	1.45E+00	0.296387	0.000277	0.018482	1.77E+00	1.432723	0.254914	0.000226	0.019629	1.707493
268	487999.44	3856839.39	12.43351	54.95313	17.07323	13.65069	1.13E+00	0.23248	0.00032	0.03162	1.39117	1.42E+00	0.293423	0.000271	0.018457	1.73E+00	1.401874	0.252365	0.000222	0.019603	1.674064
269	488049.44	3856839.39	12.17939	54.20632	16.73904	13.63886	1.10E+00	0.22932	0.00031	0.03159	1.36495	1.39E+00	0.289436	0.000266	0.018441	1.70E+00	1.373222	0.248936	0.000217	0.019586	1.641961
270	488099.44	3856839.39	11.90442	53.14668	16.40884	13.65789	1.08E+00	0.22484	0.00031	0.03163	1.33558	1.36E+00	0.283778	0.000261	0.018467	1.66E+00	1.342219	0.244069	0.000213	0.019613	1.606115
271	488149.44	3856839.39	11.66831	52.25131	16.07253	13.65193	1.06E+00	0.22105	0.0003	0.03162	1.31038	1.33E+00	0.278997	0.000255	0.018459	1.63E+00	1.315598	0.239957	0.000209	0.019605	1.575369
272	488199.44	3856839.39	11.43551	51.3329	15.73296	13.60823	1.04E+00	0.21716	0.00029	0.03152	1.28529	1.31E+00	0.274093	0.00025	0.0184	1.60E+00	1.28935	0.23574	0.000204	0.019542	1.544836
273	487949.44	3856889.39	12.90715	56.54025	17.67369	14.22515	1.17E+00	0.23919	0.00033	0.03295	1.44215	1.48E+00	0.301898	0.000281	0.019234	1.80E+00	1.455277	0.259654	0.000229	0.020428	1.735588
274	487999.44	3856889.39	12.61127	55.40766	17.32538	14.26556	1.14E+00	0.2344	0.00032	0.03304	1.41063	1.44E+00	0.29585	0.000275	0.019289	1.76E+00	1.421916	0.254453	0.000225	0.020486	1.69708
275	488049.44	3856889.39	12.35439	54.67813	17.01036	14.07289	1.12E+00	0.23132	0.00032	0.0326	1.38381	1.41E+00	0.291955	0.00027	0.019028	1.72E+00	1.392953	0.251102	0.000221	0.020209	1.664486
276	488099.44	3856889.39	12.09577	53.57618	16.65445	14.12425	1.10E+00	0.22665	0.00031	0.03271	1.35582	1.38E+00	0.286071	0.000265	0.019098	1.69E+00	1.363794	0.246042	0.000216	0.020283	1.630335
277	488635.86	3857895.05	12.33389	35.14954	18.752	23.18111	1.12E+00	0.1487	0.00035	0.05369	1.32047	1.41E+00	0.187682	0.000298	0.031343	1.63E+00	1.390642	0.16142	0.000243	0.033289	1.585594
278	489137.64	3857804.15	11.47976	32.86103	15.66563	18.77786	1.04E+00	0.13902	0.00029	0.04349	1.22313	1.31E+00	0.175462	0.000249	0.02539	1.51E+00	1.294339	0.15091	0.000203	0.026966	1.472418
279	488617.32	3857859.41	12.30902	36.37711	18.76547	22.90637	1.12E+00	0.15389	0.00035	0.05306	1.32277	1.41E+00	0.194236	0.000298	0.030972	1.63E+00	1.387838	0.167057	0.000244	0.032895	1.588033
280	488667.32	3857859.41	12.32594	35.96663	18.51577	22.37252	1.12E+00	0.15216	0.00035	0.05182	1.32133	1.41E+00	0.192045	0.000294	0.03025	1.63E+00	1.389746	0.165172	0.00024	0.032128	1.587286
281	488717.32	3857859.41	12.37678	35.30363	18.24916	22.02074	1.12E+00	0.14935	0.00034	0.051	1.32231	1.42E+00	0.188504	0.00029	0.029774	1.63E+00	1.395478	0.162127	0.000237	0.031623	1.589465
282	488767.32	3857859.41	12.40482	34.72802	17.89186	21.77295	1.12E+00	0.14692	0.00033	0.05043	1.32183	1.42E+00	0.185431	0.000284	0.029439	1.63E+00	1.398639	0.159484	0.000232	0.031267	1.589623
283	488617.32	3857909.41	12.48952	35.03661	18.81723	23.64088	1.13E+00	0.14822	0.00035	0.05476	1.33516	1.43E+00	0.187079	0.000299	0.031965	1.65E+00	1.408189	0.160901	0.000244	0.03395	1.603284
284	488667.32	3857909.41	12.17323	34.51194	18.60722	23.10393	1.10E+00	0.146	0.00035	0.05351	1.30303	1.39E+00	0.184277	0.000296	0.031239	1.61E+00	1.372528	0.158492	0.000242	0.033178	1.564439
285	488717.32	3857909.41	12.08075	34.53476	18.43967	22.45916	1.09E+00	0.1461	0.00035	0.05202	1.29325	1.38E+00	0.184399	0.000293	0.030367	1.60E+00	1.3621	0.158596	0.000239	0.032253	1.553189
286	488767.32	3857909.41	12.11231	34.25205	18.15561	22.08134	1.10E+00	0.1449	0.00034	0.05114	1.29403	1.39E+00	0.18289	0.000289	0.029856	1.60E+00	1.365659	0.157298	0.000236	0.03171	1.554903
287	488417.32	3857959.41	12.96973	33.70766	20.3753	29.93616	1.18E+00	0.1426	0.00038	0.06934	1.38766	1.48E+00	0.179983	0.000324	0.040477	1.70E+00	1.462333	0.154798	0.000264	0.04299	1.660385
288	488467.32	3857959.41	12.89506	33.6844	19.86268	28.54029	1.17E+00	0.1425	0.00037	0.0661	1.37756	1.47E+00	0.179859	0.000316	0.03859	1.69E+00	1.453914	0.154691	0.000258	0.040985	1.649848
289	488517.32	3857959.41	12.71524	33.81504	19.30551	27.28976	1.15E+00	0.14305	0.00036	0.06321	1.35891	1.45E+00	0.180556	0.000307	0.036899	1.67E+00	1.433639	0.155291	0.000251	0.03919	1.62837
290	488567.32	3857959.41	12.61161	33.86273	18.8348	26.15037	1.14E+00	0.14326	0.00035	0.06057	1.34707	1.44E+00	0.180811	0.000299	0.035358	1.66E+00	1.421955	0.15551	0.000244	0.037553	1.615263
291	488617.32	3857959.41	12.55159	33.56672	18.63089	25.02639	1.14E+00	0.142	0.00035	0.05797	1.33777	1.44E+00	0.17923	0.000296	0.033838	1.65E+00	1.415187	0.154151	0.000242	0.035939	1.605519
292	488667.32	3857959.41	12.3714	33.5474	18.5739	23.99943	1.12E+00	0.14192	0.00035	0.05559	1.31898	1.42E+00	0.179127	0.000295	0.03245	1.63E+00	1.394871	0.154062	0.000241	0.034464	1.583639
293	488717.32	3857959.41	12.13367	33.29396	18.46742	23.25397	1.10E+00	0.14085	0.00035	0.05386	1.29464	1.39E+00	0.177774	0.000294	0.031442	1.60E+00	1.368067	0.152898	0.00024	0.033394	1.554599
294	488767.32	3857959.41	11.87478	33.02314	18.29704	22.60537	1.08E+00	0.1397	0.00034	0.05236	1.26852	1.36E+00	0.176328	0.000291	0.030565	1.57E+00	1.338877	0.151655	0.000238	0.032462	1.523232
295	488417.32	3858009.41	12.57805	32.13363	20.85521	31.9716	1.14E+00	0.13594	0.00039	0.07405	1.35023	1.44E+00	0.171578	0.000331	0.043229	1.65E+00	1.418171	0.14757	0.000271	0.045913	1.611924
296	488467.32	3858009.41	12.73282	32.41865	20.2092	30.45591	1.15E+00	0.13715	0.00038	0.07054	1.36194	1.46E+00	0.1731	0.000321	0.04118	1.67E+00	1.435621	0.148878	0.000262	0.043736	1.628498
297	488517.32	3858009.41	12.70628	32.32793	19.76568	29.02892	1.15E+00	0.13676	0.00037	0.06724	1.35584	1.45E+00	0.172616	0.000314	0.03925	1.67E+00	1.432629	0.148462	0.000257	0.041687	1.623034
298	488567.32	3858009.41	12.56606	32.096	19.30896	27.97358	1.14E+00	0.13578	0.00036	0.06479	1.3397	1.44E+00	0.171377	0.000307	0.037823	1.65E+00	1.416819	0.147397	0.000251	0.040172	1.604638
299	488617.32	3858009.41	12.42884	32.27189	18.79947	26.64099	1.13E+00	0.13653	0.00035	0.06171	1.32491	1.42E+00	0.172316	0.000299	0.036022	1.63E+00	1.401347	0.148205	0.000244	0.038258	1.588054
300	488667.32	3858009.41	12.39027	32.35962	18.43971	25.26904	1.12E+00	0.1369	0.00035	0.05853	1.3186	1.42E+00	0.172785	0.000293	0.034166	1.62E+00	1.396999	0.148607	0.000239	0.036288	1.582133
301	488717.32	3858009.41	12.27069	32.13241	18.30568	24.42196	1.11E+00	0.13594	0.00034	0.05657	1.30484	1.40E+00	0.171572	0.000291	0.033021	1.61E+00	1.383516	0.147564	0.000238	0.035071	1.566389

302	488767.32	3858009.41	12.06107	31.90799	18.27332	23.58115		1.09E+00	0.13499	0.00034	0.05462	1.28295		1.38E+00	0.170373	0.00029	0.031884	1.58E+00		1.359882	0.146533	0.000237	0.033864	1.540516
303	488417.32	3858059.41	12.20229	29.65912	21.30778	32.87227		1.11E+00	0.12547	0.0004	0.07614	1.30781		1.40E+00	0.158366	0.000339	0.044447	1.60E+00		1.375804	0.136206	0.000277	0.047206	1.559493
304	488467.32	3858059.41	12.38179	30.28535	20.816	31.78079		1.12E+00	0.12812	0.00039	0.07361	1.32419		1.42E+00	0.161709	0.000331	0.042971	1.62E+00		1.396043	0.139082	0.00027	0.045639	1.581033
305	488517.32	3858059.41	12.53834	30.93023	20.05861	30.26463		1.14E+00	0.13085	0.00038	0.0701	1.33758		1.43E+00	0.165153	0.000319	0.040921	1.64E+00		1.413694	0.142043	0.00026	0.043462	1.599459
306	488567.32	3858059.41	12.5444	31.16639	19.67081	28.85335		1.14E+00	0.13185	0.00037	0.06683	1.33585		1.43E+00	0.166414	0.000313	0.039013	1.64E+00		1.414377	0.143128	0.000255	0.041435	1.599195
307	488617.32	3858059.41	12.41812	31.0121	19.22973	27.53646		1.13E+00	0.1312	0.00036	0.06378	1.32069		1.42E+00	0.16559	0.000306	0.037232	1.62E+00		1.400139	0.142419	0.00025	0.039544	1.582351
308	488667.32	3858059.41	12.26194	30.77504	18.73729	26.285		1.11E+00	0.13019	0.00035	0.06088	1.30263		1.40E+00	0.164324	0.000298	0.03554	1.60E+00		1.38253	0.14133	0.000243	0.037747	1.56185
309	488417.32	3858109.41	11.96166	27.96451	20.91966	33.47984		1.08E+00	0.1183	0.00039	0.07755	1.28023		1.37E+00	0.149317	0.000332	0.045268	1.56E+00		1.348673	0.128423	0.000272	0.048079	1.525447
310	488467.32	3858109.41	12.07554	28.14526	20.95758	32.1667		1.09E+00	0.11907	0.00039	0.0745	1.28828		1.38E+00	0.150282	0.000333	0.043493	1.58E+00		1.361513	0.129253	0.000272	0.046193	1.537232
311	488517.32	3858109.41	12.20351	28.51751	20.64583	30.87168		1.11E+00	0.12064	0.00039	0.0715	1.29844		1.40E+00	0.15227	0.000328	0.041742	1.59E+00		1.375942	0.130963	0.000268	0.044333	1.551506
312	488567.32	3858109.41	12.34915	29.35047	19.92811	29.67583		1.12E+00	0.12417	0.00037	0.06873	1.31238		1.41E+00	0.156717	0.000317	0.040125	1.61E+00		1.392362	0.134788	0.000259	0.042616	1.570025
313	488617.32	3858109.41	12.37364	29.86687	19.44065	28.52254		1.12E+00	0.12635	0.00036	0.06606	1.3141		1.42E+00	0.159475	0.000309	0.038566	1.61E+00		1.395124	0.13716	0.000252	0.04096	1.573496
314	488667.32	3858109.41	12.27392	30.1145	19.1295	27.31537		1.11E+00	0.1274	0.00036	0.06327	1.30331		1.40E+00	0.160797	0.000304	0.036933	1.60E+00		1.38388	0.138297	0.000248	0.039226	1.561652
315	488769.93	3858449.27	10.21865	21.38543	15.94094	28.60601		9.26E-01	0.09047	0.0003	0.06626	1.08306		1.17E+00	0.114188	0.000253	0.038678	1.32E+00		1.152149	0.09821	0.000207	0.04108	1.291646
316	488819.93	3858449.27	10.85586	20.84273	17.00261	26.88595		9.84E-01	0.08818	0.00032	0.06227	1.13455		1.24E+00	0.11129	0.00027	0.036353	1.39E+00		1.223994	0.095718	0.000221	0.03861	1.358542
317	488819.93	3858499.27	10.0174	20.75939	15.34276	27.99826		9.08E-01	0.08782	0.00029	0.06485	1.06076		1.15E+00	0.110845	0.000244	0.037857	1.29E+00		1.129458	0.095335	0.000199	0.040207	1.265199
318	488869.93	3858499.27	10.64761	20.35304	16.49602	26.35087		9.65E-01	0.0861	0.00031	0.06103	1.11235		1.22E+00	0.108675	0.000262	0.035629	1.36E+00		1.200514	0.093469	0.000214	0.037841	1.332038
319	488869.93	3858549.27	9.83732	20.12129	14.77514	27.27887		8.91E-01	0.08512	0.00028	0.06318	1.04006		1.13E+00	0.107438	0.000235	0.036884	1.27E+00		1.109154	0.092404	0.000192	0.039174	1.240925
320	489438.17	3859571.48	13.63027	17.07226	12.09384	24.06773		1.24E+00	0.07222	0.00023	0.05575	1.3634		1.56E+00	0.091158	0.000192	0.032542	1.68E+00		1.536808	0.078402	0.000157	0.034563	1.64993
321	489488.17	3859571.48	13.81161	17.14092	12.17481	24.21407		1.25E+00	0.07251	0.00023	0.05608	1.38046		1.58E+00	0.091524	0.000193	0.03274	1.70E+00		1.557254	0.078717	0.000158	0.034773	1.670902
322	489538.17	3859571.48	13.74412	17.06944	12.24513	24.09702		1.25E+00	0.07221	0.00023	0.05581	1.37378		1.57E+00	0.091143	0.000195	0.032582	1.70E+00		1.549645	0.078389	0.000159	0.034605	1.662798
323	489588.17	3859571.48	13.51018	16.91108	12.23892	23.84457		1.22E+00	0.07154	0.00023	0.05523	1.35132		1.55E+00	0.090297	0.000195	0.03224	1.67E+00		1.523268	0.077662	0.000159	0.034242	1.635331
324	489438.17	3859621.48	13.23421	16.89104	11.91274	23.90293		1.20E+00	0.07146	0.00022	0.05536	1.32636		1.51E+00	0.09019	0.000189	0.032319	1.64E+00		1.492153	0.07757	0.000155	0.034326	1.604203
325	489488.17	3859621.48	13.44601	17.01747	12.06146	23.96263		1.22E+00	0.07199	0.00023	0.0555	1.34623		1.54E+00	0.090865	0.000192	0.0324	1.66E+00		1.516033	0.078151	0.000157	0.034412	1.628752
326	489538.17	3859621.48	13.59507	17.05971	12.12488	24.08305		1.23E+00	0.07217	0.00023	0.05578	1.36019		1.55E+00	0.091091	0.000193	0.032563	1.68E+00		1.532839	0.078345	0.000157	0.034585	1.645926
327	489588.17	3859621.48	13.54775	16.99098	12.19398	23.92523		1.23E+00	0.07188	0.00023	0.05542	1.35525		1.55E+00	0.090724	0.000194	0.03235	1.67E+00		1.527504	0.078029	0.000158	0.034358	1.640049
328	489238.17	3859671.48	12.43012	16.88817	12.0648	23.24987		1.13E+00	0.07145	0.00023	0.05385	1.25197		1.42E+00	0.090175	0.000192	0.031436	1.54E+00		1.401492	0.077557	0.000157	0.033388	1.512593
329	489288.17	3859671.48	12.51683	16.63756	12.20195	23.31363		1.13E+00	0.07039	0.00023	0.054	1.25891		1.43E+00	0.088837	0.000194	0.031523	1.55E+00		1.411268	0.076406	0.000158	0.03348	1.521312
330	489338.17	3859671.48	12.3345	16.20145	11.91202	22.61489		1.12E+00	0.06854	0.00022	0.05238	1.23892		1.41E+00	0.086508	0.000189	0.030578	1.53E+00		1.390711	0.074403	0.000155	0.032476	1.497745
331	489388.17	3859671.48	12.54787	16.35543	11.80578	22.63088		1.14E+00	0.06919	0.00022	0.05242	1.25894		1.44E+00	0.08733	0.000188	0.030599	1.55E+00		1.414768	0.07511	0.000153	0.032499	1.522531
332	489438.17	3859671.48	12.89688	16.68603	11.85178	23.39735		1.17E+00	0.07059	0.00022	0.05419	1.29375		1.48E+00	0.089095	0.000188	0.031636	1.60E+00		1.454119	0.076628	0.000154	0.0336	1.564501
333	489488.17	3859671.48	13.09102	16.85621	11.89476	23.76287		1.19E+00	0.07131	0.00022	0.05504	1.31291		1.50E+00	0.090004	0.000189	0.03213	1.62E+00		1.476008	0.07741	0.000154	0.034125	1.587697
334	489538.17	3859671.48	13.27115	16.97039	12.03191	23.7549		1.20E+00	0.07179	0.00023	0.05502	1.3297		1.52E+00	0.090614	0.000191	0.032119	1.64E+00		1.496318	0.077934	0.000156	0.034113	1.608521
335	489588.17	3859671.48	13.40262	17.01245	12.09294	23.849		1.21E+00	0.07197	0.00023	0.05524	1.34201		1.53E+00	0.090838	0.000192	0.032246	1.66E+00		1.511141	0.078127	0.000157	0.034248	1.623674
336	489238.17	3859721.48	12.11606	17.02982	11.85009	22.93125		1.10E+00	0.07204	0.00022	0.05311	1.22336		1.39E+00	0.090931	0.000188	0.031006	1.51E+00		1.366082	0.078207	0.000154	0.03293	1.477373
337	489288.17	3859721.48	12.36737	16.75745	12.03412	23.03224		1.12E+00	0.07089	0.00023	0.05335	1.24522		1.41E+00	0.089477	0.000191	0.031142	1.54E+00		1.394417	0.076956	0.000156	0.033076	1.504605
338	489338.17	3859721.48	12.37243	16.50068	12.1284	22.99934		1.12E+00	0.06981	0.00023	0.05327	1.24452		1.42E+00	0.088106	0.000193	0.031098	1.53E+00		1.394987	0.075777	0.000157	0.033028	1.50395
339	489388.17	3859721.48	12.32823	16.26328	11.95538	22.57935		1.12E+00	0.0688	0.00022	0.0523	1.23853		1.41E+00	0.086838	0.00019	0.03053	1.53E+00		1.390004	0.074687	0.000155	0.032425	1.497271
340	489438.17	3859721.48	12.52316	16.41541	11.83865	22.69294		1.13E+00	0.06945	0.00022	0.05256	1.2571		1.43E+00	0.08765	0.000188	0.030683	1.55E+00		1.411982	0.075386	0.000154	0.032588	1.52011
341	489488.17	3859721.48	12.81039	16.69358	11.85701	23.28266		1.16E+00	0.07062	0.00022	0.05393	1.28568		1.47E+00	0.089136	0.000188	0.031481	1.59E+00		1.444367	0.076663	0.000154	0.033435	1.554619
342	489538.17	3859721.48	12.95034	16.80351	11.87286	23.5656		1.17E+00	0.07109	0.00022	0.05458	1.29948		1.48E+00	0.089723	0.000189	0.031863	1.60E+00		1.460146	0.077168	0.000154	0.033841	1.57131
343	489588.17	3859721.48	13.09719	16.9113	11.99438	23.51394		1.19E+00	0.07154	0.00022	0.05446	1.31313		1.50E+00	0.090298	0.000191	0.031793	1.62E+00		1.476704	0.077663	0.000156	0.033767	1.58829
344	489238.17	3859771.48	11.77506	17.16507	11.81693	22.81231		1.07E+00	0.07262	0.00022	0.05284	1.19276		1.35E+00	0.091653	0.000188	0.030845	1.47E+00		1.327634	0.078828	0.000153	0.03276	1.439375
345	489288.17	3859771.48	12.08754	16.79622	11.8414	22.66892		1.10E+00	0.07106	0.00022	0.05251	1.21918		1.38E+00	0.089684	0.000188	0.030651	1.50E+00		1.362866	0.077134	0.000154	0.032554	1.472708
346	489338.17	3859771.48	12.24221	16.51415	11.95601	22.74021		1.11E+00	0.06986	0.00022	0.05267	1.23217		1.40E+00	0.088178	0.00019	0.030747	1.52E+00		1.380305	0.075839	0.000155	0.032656	1.488955
347	489388.17	3859771.48	12.22965	16.34798	12.04262	22.73701		1.11E+00	0.06916	0.00023	0.05266	1.23033		1.40E+00	0.08729	0.000191	0.030743	1.52E+00		1.378889	0.075076	0.000156	0.032652	1.486773
348	489438.17	3859771.48	12.25959	16.22614	11.936	22.4642		1.11E+00	0.06864	0.00022	0.05203	1.23189		1.40E+00	0.08664	0.00019	0.030374	1.52E+00		1.382265	0.074516	0.000155	0.03226	1.489196
349	489488.17	3859771.48	12.48037	16.45561	11.86535	22.6173		1.13E+00	0.06962	0.00022	0.05239	1.25322		1.43E+00	0.087865	0.000189	0.030581	1.55E+00		1.407157	0.07557	0.000154	0.03248	1.515361
350	489538.17	3859771.48	12.71428	16.68543	11.85428	23.11683		1.15E+00	0.07059	0.00022	0.05354	1.27655		1.45E+00	0.089092	0.000188	0.031256	1.57E+00		1.433531	0.076626	0.000154	0.033197	1.543507
351	489588.17	3859771.48	12.80765	16.74176	11.8436	23.33876		1.16E+00	0.07083	0.00022	0.05406	1.28576		1.46E+00	0.089393	0.000188	0.031557	1.59E+00		1.444058	0.076884	0.000154	0.033516	1.554612
352	489238.17	3859821.48	11.45512	17.10244	11.82546	22.48644		1.04E+00	0.07235	0.00022	0.05208	1.16274		1.31E+00	0.091319	0.000188	0.030404	1.43E+00		1.291561	0.078541	0.000153	0.032292	1.402547
353	489288.17	3859821.48	11.75949	16.96304	11.79714	22.57117		1.07E+00	0.07176	0.00022	0.05228	1.18993		1.35E+00	0.090575	0.000187	0.030519	1.47E+00		1.325878	0.077901	0.000153	0.032413	1.436346
354	489338.17	3859821.48	12.00082	16.47183	11.78087	22.41173		1.09E+00	0.06968	0.00022	0.05191	1.20935		1.37E+00	0.087952	0.000187	0.030303	1.49E+00		1.353088	0.075645	0.000153	0.032184	1.46107
355	489388.17	3859821.48	12.10731	16.2726	11.87113	22.45632		1.10E+00	0.06884	0.00022	0.05201	1.21827		1.38E+00	0.086888	0.000189	0.030363	1.50E+00		1.365095	0.07473	0.000154	0.032248	1.472227
356	489438.17	3859821.48	12.12148	16.23952	11.97972	22.46415		1.10E+00	0.0687	0.00022	0.05203	1.21943		1.39E+00	0.086711	0.00019	0.030374	1.50E+00		1.366693	0.074578	0.000156	0.03226	1.473686
357	489488.17	3859821.48	12.21688	16.23953	11.94255	22.20049		1.11E+00	0.0687	0.00022	0.05142	1.22746		1.40E+00	0.086711	0.00019	0.030017	1.51E+00		1.377449	0.074578	0.000155	0.031881	1.484063
358	489538.17	3859821.48	12.42143	16.47822	11.88091	22.47313		1.13E+00	0.06971	0.00022	0.05205	1.24764		1.42E+00	0.087986	0.000189	0.030386	1.54E+00		1.400512	0.075674	0.000154	0.032273	1.508613
359	489588.17	3859821.48	12.59927	16.63686	11.82899	22.93069		1.14E+00	0.07038	0.00022	0.05311	1.26549		1.44E+00	0.088833	0.000188	0.031005	1.56E+00		1.420563	0.076403	0.000154	0.03293	1.530049
360	489238.17	3859871.48	11.14942	16.89808	11.76204	22.01963		1.01E+00	0.07149	0.00022	0.051	1.13309		1.28E+00	0.090228	0.000187	0.029773	1.40E+00		1.257093	0.077602	0.000153	0.031621	1.36647
361	489288.17	3859871.48	11.44894	16.95777	11.79927	22.3624		1.04E+00	0.07174	0.00022	0.0518	1.16128		1.31E+00	0.090546	0.000188	0.030236	1.43E+00		1.290864	0.077876	0.000153	0.032114	1.401007
362	489338.17	3859871.48	11.69455	16.6476	11.72986	22.24176		1.06E+00	0.07043	0.00022	0.05152	1.18195		1.34E+00	0.08889	0.000186	0.030073	1.46E+00		1.318557	0.076452	0.000152	0.03194	1.427101

363	489388.17	3859871.48	11.91827	16.23966	11.72647	22.15589	1.08E+00	0.0687	0.00022	0.05132	1.2003	1.36E+00	0.086712	0.000186	0.029957	1.48E+00	1.343781	0.074579	0.000152	0.031817	1.450329
364	489438.17	3859871.48	12.01633	16.17407	11.83011	22.15214	1.09E+00	0.06842	0.00022	0.05131	1.2089	1.37E+00	0.086362	0.000188	0.029952	1.49E+00	1.354837	0.074277	0.000154	0.031812	1.46108
365	489488.17	3859871.48	12.06833	16.23181	11.97252	22.122	1.09E+00	0.06867	0.00022	0.05124	1.21379	1.38E+00	0.08667	0.00019	0.029911	1.50E+00	1.3607	0.074543	0.000155	0.031768	1.467166
366	489538.17	3859871.48	12.15915	16.23641	11.93931	21.90394	1.10E+00	0.06869	0.00022	0.05073	1.22153	1.39E+00	0.086695	0.00019	0.029617	1.51E+00	1.37094	0.074564	0.000155	0.031455	1.477114
367	489588.17	3859871.48	12.34421	16.47007	11.87766	22.2911	1.12E+00	0.06968	0.00022	0.05163	1.24019	1.41E+00	0.087942	0.000189	0.03014	1.53E+00	1.391805	0.075637	0.000154	0.032011	1.499608
368	489238.17	3859921.48	10.8573	16.71287	11.67461	21.49542	9.84E-01	0.0707	0.00022	0.04979	1.10462	1.24E+00	0.089239	0.000186	0.029064	1.36E+00	1.224157	0.076752	0.000152	0.030869	1.331929
369	489288.17	3859921.48	11.1833	16.87306	11.76993	21.97258	1.01E+00	0.07138	0.00022	0.05089	1.13595	1.28E+00	0.090094	0.000187	0.029709	1.40E+00	1.260913	0.077487	0.000153	0.031554	1.370107
370	489338.17	3859921.48	11.43362	16.80542	11.77277	22.08225	1.04E+00	0.0711	0.00022	0.05115	1.1586	1.31E+00	0.089733	0.000187	0.029858	1.43E+00	1.289137	0.077177	0.000153	0.031711	1.398178
371	489388.17	3859921.48	11.67563	16.46554	11.71301	21.81222	1.06E+00	0.06966	0.00022	0.05052	1.17847	1.34E+00	0.087918	0.000186	0.029492	1.45E+00	1.316423	0.075616	0.000152	0.031323	1.423515
372	489438.17	3859921.48	11.89111	16.22765	11.73458	21.81023	1.08E+00	0.06865	0.00022	0.05052	1.19698	1.36E+00	0.086648	0.000186	0.02949	1.48E+00	1.340719	0.074523	0.000152	0.031321	1.446715
373	489488.17	3859921.48	11.93618	16.11666	11.80049	21.84078	1.08E+00	0.06818	0.00022	0.05059	1.20067	1.37E+00	0.086055	0.000188	0.029531	1.48E+00	1.3458	0.074014	0.000153	0.031365	1.451332
374	489538.17	3859921.48	11.96416	16.10204	11.90875	21.80046	1.08E+00	0.06812	0.00022	0.05049	1.20305	1.37E+00	0.085977	0.000189	0.029477	1.48E+00	1.348955	0.073947	0.000155	0.031307	1.454363
375	489588.17	3859921.48	12.09838	16.23597	11.92871	21.57198	1.10E+00	0.06869	0.00022	0.04996	1.21526	1.38E+00	0.086692	0.00019	0.029168	1.50E+00	1.364088	0.074562	0.000155	0.030978	1.469783
376	489238.17	3859971.48	10.5649	16.40622	11.59839	20.92414	9.57E-01	0.06941	0.00022	0.04846	1.0755	1.21E+00	0.087601	0.000184	0.028292	1.32E+00	1.191189	0.075343	0.000151	0.030048	1.296731
377	489288.17	3859971.48	10.87391	16.6705	11.691	21.46204	9.85E-01	0.07052	0.00022	0.04971	1.10587	1.24E+00	0.089012	0.000186	0.029019	1.36E+00	1.22603	0.076557	0.000152	0.030821	1.333559
378	489338.17	3859971.48	11.17569	16.76394	11.74344	21.80943	1.01E+00	0.07092	0.00022	0.05051	1.13442	1.28E+00	0.089511	0.000187	0.029489	1.40E+00	1.260055	0.076986	0.000152	0.031319	1.368513
379	489388.17	3859971.48	11.42796	16.70654	11.76781	21.73111	1.04E+00	0.07068	0.00022	0.05033	1.15686	1.31E+00	0.089205	0.000187	0.029383	1.43E+00	1.288499	0.076723	0.000153	0.031207	1.396581
380	489438.17	3859971.48	11.66911	16.37758	11.72196	21.38639	1.06E+00	0.06929	0.00022	0.04953	1.17652	1.33E+00	0.087448	0.000186	0.028917	1.45E+00	1.315688	0.075212	0.000152	0.030712	1.421764
381	489488.17	3859971.48	11.96889	16.20867	11.73127	22.56925	1.08E+00	0.06857	0.00022	0.05227	1.20571	1.37E+00	0.086547	0.000186	0.030516	1.49E+00	1.349488	0.074436	0.000152	0.032411	1.456487
382	489538.17	3859971.48	12.11486	16.11289	11.82015	23.23523	1.10E+00	0.06817	0.00022	0.05382	1.22008	1.39E+00	0.086035	0.000188	0.031417	1.50E+00	1.365946	0.073996	0.000153	0.033367	1.473463
383	489588.17	3859971.48	12.15945	16.10519	11.941	23.37253	1.10E+00	0.06813	0.00022	0.05414	1.22441	1.39E+00	0.085994	0.00019	0.031602	1.51E+00	1.370974	0.073961	0.000155	0.033564	1.478654
384	483577.7	3854071	18.80081	44.0803	25.3969	22.3762	1.70E+00	0.18648	0.00048	0.05183	1.94255	2.15E+00	0.235368	0.000404	0.030255	2.42E+00	2.119785	0.202433	0.00033	0.032133	2.354681
385	483627.7	3854071	18.84559	44.65297	25.20907	21.75488	1.71E+00	0.1889	0.00047	0.05039	1.94759	2.16E+00	0.238425	0.000401	0.029415	2.42E+00	2.124834	0.205063	0.000327	0.031241	2.361465
386	483677.7	3854071	18.68273	48.19547	24.74963	21.59294	1.69E+00	0.20389	0.00046	0.05001	1.94744	2.14E+00	0.257341	0.000393	0.029196	2.42E+00	2.106471	0.221331	0.000321	0.031009	2.359133
387	483727.7	3854071	18.47587	50.40978	24.37507	21.3543	1.67E+00	0.21326	0.00046	0.04946	1.9375	2.11E+00	0.269164	0.000387	0.028873	2.41E+00	2.083148	0.2315	0.000316	0.030666	2.345631
388	483777.7	3854071	18.64889	50.52921	25.02304	20.73899	1.69E+00	0.21376	0.00047	0.04804	1.95227	2.13E+00	0.269802	0.000398	0.028041	2.43E+00	2.102656	0.232049	0.000325	0.029782	2.364812
389	483577.7	3854121	19.21769	44.56678	25.84609	22.68669	1.74E+00	0.18854	0.00048	0.05255	1.98312	2.20E+00	0.237965	0.000411	0.030675	2.47E+00	2.166788	0.204667	0.000335	0.032579	2.40437
390	483627.7	3854121	19.59842	46.16578	26.3709	21.75363	1.78E+00	0.1953	0.00049	0.05039	2.02223	2.24E+00	0.246503	0.000419	0.029413	2.52E+00	2.209715	0.21201	0.000342	0.031239	2.453307
391	483677.7	3854121	19.85499	48.91729	26.66551	20.44976	1.80E+00	0.20695	0.0005	0.04737	2.05411	2.27E+00	0.261195	0.000424	0.02765	2.56E+00	2.238643	0.224646	0.000346	0.029367	2.493003
392	483727.7	3854121	19.80679	52.25753	26.38	19.34572	1.79E+00	0.22108	0.00049	0.04481	2.06131	2.27E+00	0.27903	0.000419	0.026158	2.57E+00	2.233209	0.239986	0.000342	0.027781	2.501319
393	483777.7	3854121	19.51762	52.86032	25.97858	18.80339	1.77E+00	0.22363	0.00049	0.04355	2.03639	2.23E+00	0.282249	0.000413	0.025424	2.54E+00	2.200605	0.242754	0.000337	0.027003	2.470699
394	483577.7	3854171	19.59509	45.52343	26.16505	21.47627	1.78E+00	0.19259	0.00049	0.04974	2.01857	2.24E+00	0.243073	0.000416	0.029038	2.51E+00	2.20934	0.20906	0.00034	0.030841	2.449581
395	483627.7	3854171	20.51388	48.55737	27.62198	20.92838	1.86E+00	0.20542	0.00052	0.04847	2.11342	2.35E+00	0.259273	0.000439	0.028297	2.63E+00	2.312933	0.222993	0.000359	0.030054	2.566339
396	483677.7	3854171	20.93352	49.57192	28.39394	19.87803	1.90E+00	0.20971	0.00053	0.04604	2.15333	2.39E+00	0.26469	0.000451	0.026877	2.69E+00	2.360247	0.227653	0.000369	0.028546	2.616814
397	483727.7	3854171	21.14881	52.88646	28.67611	18.63096	1.92E+00	0.22374	0.00054	0.04315	2.18398	2.42E+00	0.282388	0.000456	0.025191	2.73E+00	2.384521	0.242874	0.000372	0.026755	2.654523
398	483777.7	3854171	20.99664	54.93153	28.19379	17.43158	1.90E+00	0.23239	0.00053	0.04037	2.17605	2.40E+00	0.293308	0.000448	0.023569	2.72E+00	2.367364	0.252266	0.000366	0.025033	2.645029
399	483827.7	3854171	20.88717	55.00589	27.87824	16.49958	1.89E+00	0.2327	0.00052	0.03822	2.16428	2.39E+00	0.293705	0.000443	0.022309	2.71E+00	2.355021	0.252607	0.000362	0.023694	2.631685
400	483877.7	3854171	20.57938	53.62933	28.15349	16.56528	1.86E+00	0.22688	0.00053	0.03837	2.13072	2.35E+00	0.286355	0.000447	0.022398	2.66E+00	2.320318	0.246286	0.000365	0.023789	2.590758
401	483727.7	3854221	22.13186	53.21341	30.18061	18.57407	2.01E+00	0.22512	0.00056	0.04302	2.27434	2.53E+00	0.284134	0.00048	0.025114	2.84E+00	2.49536	0.244376	0.000392	0.026673	2.7668
402	483777.7	3854221	22.39311	56.04554	30.66466	17.19382	2.03E+00	0.2371	0.00057	0.03982	2.30681	2.56E+00	0.299256	0.000487	0.023248	2.88E+00	2.524815	0.257382	0.000398	0.024691	2.807287
403	483827.7	3854221	21.99578	56.89528	29.74612	16.64259	1.99E+00	0.2407	0.00056	0.03855	2.2731	2.52E+00	0.303794	0.000473	0.022503	2.84E+00	2.480017	0.261284	0.000386	0.0239	2.765587
404	483877.7	3854221	21.70496	56.20286	29.0415	15.99671	1.97E+00	0.23777	0.00054	0.03705	2.24231	2.48E+00	0.300096	0.000462	0.021629	2.80E+00	2.447227	0.258104	0.000377	0.022972	2.72868
405	489150.19	3858726.45	10.33765	18.86078	15.26711	24.15306	9.37E-01	0.07979	0.00029	0.05594	1.07284	1.18E+00	0.100708	0.000243	0.032658	1.32E+00	1.165566	0.086616	0.000198	0.034685	1.287065
406	489200.19	3858726.45	10.47028	18.95776	15.64443	23.96392	9.49E-01	0.0802	0.00029	0.0555	1.08484	1.20E+00	0.101225	0.000249	0.032402	1.33E+00	1.18052	0.087061	0.000203	0.034413	1.302198
407	489150.19	3858776.45	9.73943	18.13146	14.31185	23.7454	8.83E-01	0.07671	0.00027	0.055	1.01458	1.11E+00	0.096813	0.000227	0.032106	1.24E+00	1.098117	0.083266	0.000186	0.0341	1.215669
408	489200.19	3858776.45	10.15454	18.20663	14.85434	23.41241	9.20E-01	0.07702	0.00028	0.05423	1.05175	1.16E+00	0.097215	0.000236	0.031656	1.29E+00	1.144921	0.083612	0.000193	0.033621	1.262347
409	488919.6	3856400.76	7.95773	35.02743	10.58256	8.6743	7.21E-01	0.14818	0.0002	0.02009	0.88962	9.10E-01	0.18703	0.000168	0.011729	1.11E+00	0.897231	0.160859	0.000137	0.012457	1.070684
410	488919.6	3856450.76	8.06125	35.67906	10.64076	9.06486	7.31E-01	0.15094	0.0002	0.021	0.90266	9.22E-01	0.190509	0.000169	0.012257	1.12E+00	0.908903	0.163851	0.000138	0.013018	1.08591
411	488969.6	3856450.76	7.97727	34.88579	10.51598	8.95646	7.23E-01	0.14758	0.0002	0.02074	0.89144	9.12E-01	0.186273	0.000167	0.01211	1.11E+00	0.899434	0.160209	0.000137	0.012862	1.072641
412	488919.6	3856500.76	8.17141	35.82301	10.74753	9.4442	7.41E-01	0.15155	0.0002	0.02187	0.91414	9.35E-01	0.191278	0.000171	0.01277	1.14E+00	0.921324	0.164513	0.00014	0.013562	1.099538
413	488969.6	3856500.76	8.05585	34.6792	10.58545	9.36724	7.30E-01	0.14671	0.0002	0.0217	0.89864	9.21E-01	0.18517	0.000168	0.012666	1.12E+00	0.908294	0.15926	0.000137	0.013452	1.081143
414	488919.6	3856550.76	8.28047	35.48802	10.95421	9.86857	7.50E-01	0.15013	0.00021	0.02286	0.92359	9.47E-01	0.189489	0.000174	0.013343	1.15E+00	0.93362	0.162974	0.000142	0.014172	1.110908
415	488969.6	3856550.76	8.16629	34.36292	10.77761	9.7591	7.40E-01	0.14537	0.0002	0.0226	0.90822	9.34E-01	0.183482	0.000171	0.013195	1.13E+00	0.920746	0.157807	0.00014	0.014015	1.092708
416	488819.6	3856600.76	8.63654	37.53054	11.53728	10.33476	7.83E-01	0.15877	0.00022	0.02394	0.96559	9.88E-01	0.200395	0.000183	0.013974	1.20E+00	0.973767	0.172354	0.00015	0.014841	1.161112
417	488869.6	3856600.76	8.51503	36.17991	11.35613	10.24319	7.72E-01	0.15306	0.00021	0.02373	0.94865	9.74E-01	0.193183	0.00018	0.01385	1.18E+00	0.960067	0.166152	0.000147	0.01471	1.141075
418	488919.6	3856600.76	8.39174	35.50226	11.17083	10.18882	7.60E-01	0.15019	0.00021	0.0236	0.93448	9.60E-01	0.189565	0.000178	0.013776	1.16E+00	0.946166	0.16304	0.000145	0.014632	1.123982
419	488819.6	3856650.76	8.74558	37.81703	11.72783	10.65167	7.93E-01	0.15999	0.00022	0.02467	0.97742	1.00E+00	0.201925	0.000186	0.014402	1.22E+00	0.986061	0.17367	0.000152	0.015296	1.17518
420	488869.6	3856650.76	8.62051	37.13589	11.5448	10.55518	7.81E-01	0.1571	0.00022	0.02445	0.96298	9.86E-01	0.198288	0.000183	0.014272	1.20E+00	0.97196	0.170542	0.00015	0.015158	1.157809
421	488819.6	3856700.76	8.82779	39.33455	11.92954	11.07387	8.00E-01	0.16641	0.00022	0.02565	0.99227	1.01E+00	0.210028	0.00019	0.014973	1.23E+00	0.99533	0.180639	0.000155	0.015903	1.192027
422	488869.6	3856700.76	8.70081	39.01885	11.74283	10.88347	7.88E-01	0.16507	0.00022	0.02521	0.97898	9.95E-01	0.208342	0.000187	0.014716	1.22E+00	0.981013	0.179189	0.000152	0.015629	1.175984
423	488819.6	3856750.76	8.94697	40.6129	12.13024	11.51234	8.11E-01	0.17181	0.00023	0.02666	1.0095	1.02E+00	0.216853	0.000193	0.015566	1.26E+00	1.008768	0.18651	0.000157	0.016532	1.211967

424	488869.6	3856750.76	8.8129	40.04928	11.93623	11.37012		7.99E-01	0.16943	0.00022	0.02634	0.99463		1.01E+00	0.213844	0.00019	0.015374	1.24E+00		0.993651	0.183921	0.000155	0.016328	1.194056
425	488819.6	3857050.76	9.79522	40.59774	13.26977	13.70171		8.88E-01	0.17175	0.00025	0.03174	1.0914		1.12E+00	0.216772	0.000211	0.018526	1.36E+00		1.104408	0.18644	0.000172	0.019676	1.310696
426	488869.6	3857050.76	9.6251	40.0077	13.04108	13.57045		8.72E-01	0.16925	0.00024	0.03143	1.07318		1.10E+00	0.213622	0.000207	0.018349	1.33E+00		1.085227	0.18373	0.000169	0.019488	1.288614
427	488919.6	3857050.76	9.46368	39.42099	12.82884	13.40996		8.58E-01	0.16677	0.00024	0.03106	1.05569		1.08E+00	0.210489	0.000204	0.018132	1.31E+00		1.067027	0.181036	0.000167	0.019257	1.267486
428	488819.6	3857100.76	10.01209	41.36477	13.48153	14.10502		9.07E-01	0.17499	0.00025	0.03267	1.11523		1.15E+00	0.220868	0.000214	0.019072	1.39E+00		1.12886	0.189962	0.000175	0.020256	1.339253
429	488869.6	3857100.76	9.8169	40.70804	13.23746	13.92257		8.90E-01	0.17222	0.00025	0.03225	1.09434		1.12E+00	0.217361	0.00021	0.018825	1.36E+00		1.106852	0.186946	0.000172	0.019994	1.313964
430	488919.6	3857100.76	9.61733	39.96142	13.00702	13.77184		8.72E-01	0.16906	0.00024	0.0319	1.07274		1.10E+00	0.213375	0.000207	0.018621	1.33E+00		1.084351	0.183518	0.000169	0.019777	1.287814
431	488819.6	3857150.76	10.21313	41.36532	13.74512	14.54723		9.26E-01	0.175	0.00026	0.03369	1.13448		1.17E+00	0.220871	0.000218	0.019669	1.41E+00		1.151527	0.189965	0.000178	0.020891	1.362561
432	488869.6	3857150.76	10.01337	40.57847	13.47632	14.35584		9.07E-01	0.17167	0.00025	0.03325	1.1126		1.15E+00	0.21667	0.000214	0.019411	1.38E+00		1.129004	0.186351	0.000175	0.020616	1.336146
433	488919.6	3857150.76	9.82256	39.89153	13.22795	14.14674		8.90E-01	0.16876	0.00025	0.03277	1.09192		1.12E+00	0.213002	0.00021	0.019128	1.36E+00		1.10749	0.183197	0.000172	0.020315	1.311174
434	488969.6	3857150.76	9.6341	39.15835	12.98437	13.96924		8.73E-01	0.16566	0.00024	0.03236	1.07132		1.10E+00	0.209087	0.000206	0.018888	1.33E+00		1.086241	0.17983	0.000169	0.020061	1.2863
435	488819.6	3857200.76	10.37002	41.25161	14.00418	14.97785		9.40E-01	0.17452	0.00026	0.03469	1.14922		1.19E+00	0.220264	0.000223	0.020252	1.43E+00		1.169216	0.189443	0.000182	0.021509	1.38035
436	488869.6	3857200.76	10.18788	40.33917	13.73258	14.78251		9.23E-01	0.17066	0.00026	0.03424	1.1284		1.17E+00	0.215392	0.000218	0.019988	1.40E+00		1.14868	0.185252	0.000178	0.021228	1.355339
437	488919.6	3857200.76	10.00825	39.47451	13.47552	14.57947		9.07E-01	0.167	0.00025	0.03377	1.10799		1.14E+00	0.210775	0.000214	0.019713	1.38E+00		1.128427	0.181282	0.000175	0.020937	1.33082
438	488969.6	3857200.76	9.83102	38.66991	13.23259	14.35076		8.91E-01	0.16359	0.00025	0.03324	1.08799		1.12E+00	0.206479	0.00021	0.019404	1.35E+00		1.108444	0.177587	0.000172	0.020608	1.306811
439	488819.6	3857250.76	10.54651	40.45734	14.25558	15.45707		9.56E-01	0.17116	0.00027	0.0358	1.16297		1.21E+00	0.216023	0.000227	0.0209	1.44E+00		1.189115	0.185795	0.000185	0.022197	1.397293
440	488869.6	3857250.76	10.35158	39.73372	13.98629	15.22464		9.38E-01	0.16809	0.00026	0.03526	1.1417		1.18E+00	0.212159	0.000222	0.020585	1.42E+00		1.167137	0.182472	0.000182	0.021863	1.371654
441	488919.6	3857250.76	10.18199	39.02544	13.72621	14.97857		9.23E-01	0.1651	0.00026	0.03469	1.12276		1.16E+00	0.208377	0.000218	0.020253	1.39E+00		1.148016	0.179219	0.000178	0.02151	1.348923
442	488969.6	3857250.76	10.01495	38.30847	13.47716	14.7457		9.08E-01	0.16206	0.00025	0.03415	1.10405		1.15E+00	0.204549	0.000214	0.019938	1.37E+00		1.129182	0.175927	0.000175	0.021176	1.326459
443	488819.6	3857300.76	10.71845	40.60848	14.53359	15.91349		9.71E-01	0.17179	0.00027	0.03686	1.18025		1.23E+00	0.21683	0.000231	0.021517	1.46E+00		1.208502	0.186489	0.000189	0.022853	1.418032
444	488869.6	3857300.76	10.54728	39.85263	14.25255	15.68108		9.56E-01	0.1686	0.00027	0.03632	1.161		1.21E+00	0.212794	0.000227	0.021203	1.44E+00		1.189202	0.183018	0.000185	0.022519	1.394924
445	488919.6	3857300.76	10.35643	39.08717	13.97224	15.45779		9.39E-01	0.16536	0.00026	0.0358	1.13994		1.18E+00	0.208707	0.000222	0.020901	1.41E+00		1.167684	0.179503	0.000181	0.022198	1.369566
446	488819.6	3857450.76	11.40408	40.01663	15.36221	17.34602		1.03E+00	0.16929	0.00029	0.04018	1.24322		1.30E+00	0.21367	0.000244	0.023454	1.54E+00		1.285806	0.183771	0.000199	0.02491	1.494687
447	488869.6	3857450.76	11.19875	39.23832	15.08486	17.07058		1.01E+00	0.166	0.00028	0.03954	1.22067		1.28E+00	0.209514	0.00024	0.023081	1.51E+00		1.262655	0.180197	0.000196	0.024514	1.467562
448	488919.6	3857450.76	10.97361	38.35745	14.78549	16.81305		9.94E-01	0.16227	0.00028	0.03894	1.19594		1.26E+00	0.20481	0.000235	0.022733	1.48E+00		1.237271	0.176152	0.000192	0.024144	1.437759
449	488819.6	3857500.76	11.62787	39.78964	15.66073	17.81047		1.05E+00	0.16833	0.00029	0.04125	1.26362		1.33E+00	0.212458	0.000249	0.024082	1.57E+00		1.311038	0.182729	0.000203	0.025577	1.519547
450	488869.6	3857500.76	11.41368	39.00212	15.36663	17.51426		1.03E+00	0.165	0.00029	0.04057	1.24018		1.31E+00	0.208253	0.000244	0.023681	1.54E+00		1.286889	0.179112	0.000199	0.025151	1.491352
451	488919.6	3857500.76	11.20039	38.21609	15.0777	17.27016		1.02E+00	0.16167	0.00028	0.04	1.21696		1.28E+00	0.204056	0.00024	0.023351	1.51E+00		1.26284	0.175502	0.000196	0.024801	1.463339
452	488819.6	3857550.76	11.82214	38.54643	15.90168	18.38881		1.07E+00	0.16307	0.0003	0.04259	1.27731		1.35E+00	0.205819	0.000253	0.024864	1.58E+00		1.332942	0.17702	0.000206	0.026407	1.536575
453	488869.6	3857550.76	11.62722	37.87145	15.63684	17.99848		1.05E+00	0.16022	0.00029	0.04169	1.25588		1.33E+00	0.202215	0.000249	0.024336	1.56E+00		1.310965	0.17392	0.000203	0.025847	1.510935
454	488919.6	3857550.76	11.41777	37.16022	15.34412	17.71327		1.03E+00	0.15721	0.00029	0.04103	1.23322		1.31E+00	0.198418	0.000244	0.02395	1.53E+00		1.28735	0.170654	0.000199	0.025437	1.48364
455	489663.71	3860900.05	7.81638	12.15289	9.22108	16.04859		7.08E-01	0.05141	0.00017	0.03717	0.79709		8.94E-01	0.064891	0.000147	0.021699	9.81E-01		0.881294	0.055811	0.00012	0.023047	0.960271
456	489813.71	3860900.05	8.10937	11.99285	9.25998	16.44991		7.35E-01	0.05074	0.00017	0.0381	0.8239		9.28E-01	0.064036	0.000147	0.022242	1.01E+00		0.914329	0.055076	0.00012	0.023623	0.993147
457	489863.71	3860900.05	8.19969	12.1495	9.15135	16.74032		7.43E-01	0.0514	0.00017	0.03877	0.83342		9.38E-01	0.064873	0.000145	0.022635	1.03E+00		0.924512	0.055795	0.000119	0.02404	1.004466
458	489913.71	3860900.05	8.26691	12.32191	9.14784	16.99175		7.49E-01	0.05213	0.00017	0.03936	0.84082		9.46E-01	0.065793	0.000145	0.022975	1.03E+00		0.932091	0.056587	0.000119	0.024401	1.013198
459	489963.71	3860900.05	8.28816	12.42086	9.31166	17.05394		7.51E-01	0.05255	0.00017	0.0395	0.84331		9.48E-01	0.066321	0.000148	0.023059	1.04E+00		0.934487	0.057041	0.000121	0.02449	1.01614
460	490013.71	3860900.05	8.45567	12.38277	9.4813	17.03622		7.66E-01	0.05239	0.00018	0.03946	0.85829		9.67E-01	0.066118	0.000151	0.023035	1.06E+00		0.953374	0.056866	0.000123	0.024465	1.034828
461	490063.71	3860900.05	8.63577	12.189	9.55979	16.87827		7.83E-01	0.05157	0.00018	0.03909	0.87343		9.88E-01	0.065083	0.000152	0.022821	1.08E+00		0.97368	0.055976	0.000124	0.024238	1.054019
462	489663.71	3860950.05	7.66309	11.95602	9.09834	15.7794		6.94E-01	0.05058	0.00017	0.03655	0.78174		8.76E-01	0.063839	0.000145	0.021335	9.62E-01		0.864011	0.054906	0.000118	0.02266	0.941695
463	489813.71	3860950.05	7.9305	11.80949	9.18157	16.17309		7.19E-01	0.04996	0.00017	0.03746	0.80627		9.07E-01	0.063057	0.000146	0.021868	9.92E-01		0.894161	0.054234	0.000119	0.023225	0.971739
464	489863.71	3860950.05	8.03064	11.8274	9.12591	16.28883		7.28E-01	0.05004	0.00017	0.03773	0.81569		9.19E-01	0.063153	0.000145	0.022024	1.00E+00		0.905452	0.054316	0.000118	0.023392	0.983278
465	489913.71	3860950.05	8.128	12.03847	9.02623	16.62252		7.37E-01	0.05093	0.00017	0.0385	0.82618		9.30E-01	0.06428	0.000143	0.022475	1.02E+00		0.916429	0.055285	0.000117	0.023871	0.995702
466	489963.71	3860950.05	8.16264	12.18057	9.03483	16.81292		7.40E-01	0.05153	0.00017	0.03894	0.83036		9.34E-01	0.065038	0.000144	0.022733	1.02E+00		0.920335	0.055938	0.000117	0.024144	1.000534
467	490013.71	3860950.05	8.19119	12.24794	9.22339	16.82503		7.42E-01	0.05182	0.00017	0.03897	0.83326		9.37E-01	0.065398	0.000147	0.022749	1.03E+00		0.923554	0.056247	0.00012	0.024162	1.004082
468	490063.71	3860950.05	8.35843	12.14176	9.3542	16.75453		7.57E-01	0.05137	0.00018	0.03881	0.84781		9.56E-01	0.064831	0.000149	0.022654	1.04E+00		0.94241	0.055759	0.000121	0.02406	1.022351
469	489513.71	3861000.05	7.29221	12.72263	8.693	15.32024		6.61E-01	0.05382	0.00016	0.03548	0.75031		8.34E-01	0.067933	0.000138	0.020715	9.23E-01		0.822194	0.058427	0.000113	0.022001	0.902735
470	489563.71	3861000.05	7.3756	12.36482	8.74257	15.48504		6.68E-01	0.05231	0.00016	0.03587	0.75673		8.44E-01	0.066022	0.000139	0.020937	9.31E-01		0.831596	0.056784	0.000113	0.022237	0.910731
471	489613.71	3861000.05	7.44963	11.89975	8.82144	15.50446		6.75E-01	0.05034	0.00017	0.03591	0.76152		8.52E-01	0.063539	0.00014	0.020964	9.37E-01		0.839943	0.054648	0.000115	0.022265	0.916971
472	489663.71	3861000.05	7.53082	11.83285	8.93079	15.47777		6.82E-01	0.05006	0.00017	0.03585	0.76853		8.61E-01	0.063182	0.000142	0.020928	9.46E-01		0.849097	0.054341	0.000116	0.022227	0.925781
473	489713.71	3861000.05	7.57293	11.7661	8.99518	15.5706		6.86E-01	0.04978	0.00017	0.03606	0.77228		8.66E-01	0.062825	0.000143	0.021053	9.50E-01		0.853845	0.054034	0.000117	0.02236	0.930357
474	489763.71	3861000.05	7.6811	11.71136	9.00188	15.64718		6.96E-01	0.04955	0.00017	0.03624	0.78203		8.79E-01	0.062533	0.000143	0.021157	9.62E-01		0.866041	0.053783	0.000117	0.02247	0.942411
475	489813.71	3861000.05	7.78154	11.70948	9.07374	15.85915		7.05E-01	0.04954	0.00017	0.03673	0.79162		8.90E-01	0.062523	0.000144	0.021443	9.74E-01		0.877366	0.053774	0.000118	0.022775	0.954033
476	489863.71	3861000.05	7.85421	11.60725	9.05749	15.94794		7.12E-01	0.0491	0.00017	0.03694	0.79798		8.98E-01	0.061977	0.000144	0.021563	9.82E-01		0.885559	0.053305	0.000118	0.022902	0.961884
477	489913.71	3861000.05	7.97561	11.75449	9.02064	16.19759		7.23E-01	0.04973	0.00017	0.03752	0.81018		9.12E-01	0.062763	0.000143	0.021901	9.97E-01		0.899247	0.053981	0.000117	0.023261	0.976606
478	489963.71	3861000.05	8.0409	11.89965	8.88799	16.4828		7.29E-01	0.05034	0.00017	0.03818	0.81737		9.20E-01	0.063538	0.000141	0.022287	1.01E+00		0.906609	0.054648	0.000115	0.02367	0.985042
479	490013.71	3861000.05	8.06634	12.04828	8.93794	16.63196		7.31E-01	0.05097	0.00017	0.03852	0.82065		9.23E-01	0.064332	0.000142	0.022488	1.01E+00		0.909477	0.05533	0.000116	0.023884	0.988808
480	490063.71	3861000.05	8.08913	12.05148	9.12066	16.59508		7.33E-01	0.05098	0.00017	0.03844	0.82265		9.25E-01	0.064349	0.000145	0.022438	1.01E+00		0.912047	0.055345	0.000118	0.023831	0.991341
481	489513.71	3861050.05	7.18999	12.6505	8.56088	14.98256		6.52E-01	0.05352	0.00016	0.0347	0.73995		8.22E-01	0.067548	0.000136	0.020258	9.10E-01		0.810669	0.058096	0.000111	0.021516	0.890392
482	489563.71	3861050.05	7.23588	12.45358	8.59905	15.22623		6.56E-01	0.05268	0.00016	0.03527	0.74384		8.28E-01	0.066496	0.000137	0.020588	9.15E-01		0.815843	0.057191	0.000112	0.021866	0.895012
483	489613.71	3861050.05	7.33298	12.0413	8.68519	15.32152		6.65E-01	0.05094	0.00016	0.03549	0.75112		8.39E-01	0.064295	0.000138	0.020716	9.24E-01		0.826791	0.055298	0.000113	0.022003	0.904204
484	489663.71	3861050.05	7.3845	11.70273	8.74176	15.2715		6.69E-01	0.04951	0.00016	0.03537	0.75424		8.45E-01	0.062487	0.000139	0.020649	9.28E-01		0.8326	0.053743	0.000113	0.021931	0.908387

485	489713.71	3861050.05	7.44746	11.60989	8.83076	15.2905	6.75E-01	0.04912	0.00017	0.03542	0.7596	8.52E-01	0.061991	0.00014	0.020674	9.35E-01	0.839699	0.053317	0.000115	0.021958	0.915088
486	489763.71	3861050.05	7.50514	11.58272	8.89428	15.36485	6.80E-01	0.049	0.00017	0.03559	0.76489	8.58E-01	0.061846	0.000141	0.020775	9.41E-01	0.846202	0.053192	0.000115	0.022065	0.921574
487	489813.71	3861050.05	7.62348	11.53516	8.91201	15.4928	6.91E-01	0.0488	0.00017	0.03588	0.77571	8.72E-01	0.061592	0.000142	0.020948	9.55E-01	0.859545	0.052974	0.000116	0.022248	0.934883
488	489863.71	3861050.05	7.70071	11.49343	8.96213	15.65688	6.98E-01	0.04862	0.00017	0.03626	0.78291	8.81E-01	0.061369	0.000142	0.02117	9.63E-01	0.868252	0.052782	0.000116	0.022484	0.943635
489	489913.71	3861050.05	7.79092	11.47187	8.94526	15.76893	7.06E-01	0.04853	0.00017	0.03652	0.79125	8.91E-01	0.061254	0.000142	0.021321	9.74E-01	0.878424	0.052683	0.000116	0.022645	0.953868
490	489963.71	3861050.05	7.89684	11.63921	8.89003	16.08707	7.16E-01	0.04924	0.00017	0.03726	0.8023	9.03E-01	0.062148	0.000141	0.021751	9.87E-01	0.890366	0.053452	0.000115	0.023102	0.967035
491	490013.71	3861050.05	7.9707	11.79052	8.784	16.35628	7.22E-01	0.04988	0.00016	0.03788	0.81025	9.12E-01	0.062956	0.00014	0.022115	9.97E-01	0.898694	0.054146	0.000114	0.023488	0.976443
492	490063.71	3861050.05	7.95954	11.89663	8.84035	16.41813	7.21E-01	0.05033	0.00017	0.03803	0.80983	9.10E-01	0.063522	0.000141	0.022199	9.96E-01	0.897435	0.054634	0.000115	0.023577	0.975761
493	489513.71	3861100.05	7.09482	12.70514	8.50632	14.74668	6.43E-01	0.05375	0.00016	0.03416	0.73101	8.11E-01	0.067839	0.000135	0.019939	8.99E-01	0.799939	0.058347	0.00011	0.021177	0.879573
494	489563.71	3861100.05	7.1219	12.42884	8.46421	14.89322	6.45E-01	0.05258	0.00016	0.0345	0.73264	8.15E-01	0.066364	0.000135	0.020137	9.01E-01	0.802992	0.057078	0.00011	0.021387	0.881567
495	489613.71	3861100.05	7.1553	12.07214	8.47325	15.03038	6.48E-01	0.05107	0.00016	0.03481	0.73447	8.18E-01	0.064459	0.000135	0.020323	9.03E-01	0.806758	0.05544	0.00011	0.021584	0.883892
496	489663.71	3861100.05	7.22391	11.59355	8.55852	15.06667	6.55E-01	0.04905	0.00016	0.0349	0.73875	8.26E-01	0.061904	0.000136	0.020372	9.09E-01	0.814493	0.053242	0.000111	0.021637	0.889483
497	489713.71	3861100.05	7.2949	11.46449	8.64451	15.00283	6.61E-01	0.0485	0.00016	0.03475	0.74449	8.34E-01	0.061215	0.000137	0.020285	9.16E-01	0.822497	0.052649	0.000112	0.021545	0.896804
498	489763.71	3861100.05	7.36087	11.38052	8.73545	15.09788	6.67E-01	0.04815	0.00016	0.03497	0.75034	8.42E-01	0.060767	0.000139	0.020414	9.23E-01	0.829936	0.052264	0.000113	0.021681	0.903994
499	489813.71	3861100.05	7.44446	11.38412	8.78627	15.14851	6.75E-01	0.04816	0.00016	0.03509	0.75804	8.51E-01	0.060786	0.00014	0.020482	9.33E-01	0.83936	0.05228	0.000114	0.021754	0.913509
500	489863.71	3861100.05	7.55971	11.36614	8.82131	15.32951	6.85E-01	0.04808	0.00017	0.03551	0.76883	8.65E-01	0.06069	0.00014	0.020727	9.46E-01	0.852355	0.052198	0.000115	0.022014	0.926681
501	489913.71	3861100.05	7.62291	11.29749	8.85282	15.46268	6.91E-01	0.04779	0.00017	0.03581	0.77458	8.72E-01	0.060323	0.000141	0.020907	9.53E-01	0.85948	0.051882	0.000115	0.022205	0.933683
502	489963.71	3861100.05	7.72675	11.33052	8.83061	15.64974	7.00E-01	0.04793	0.00017	0.03625	0.78456	8.84E-01	0.0605	0.00014	0.02116	9.66E-01	0.871188	0.052034	0.000115	0.022474	0.945811
503	490013.71	3861100.05	7.81495	11.51643	8.75768	15.96343	7.08E-01	0.04872	0.00016	0.03697	0.79407	8.94E-01	0.061492	0.000139	0.021584	9.77E-01	0.881133	0.052888	0.000114	0.022924	0.957059
504	490063.71	3861100.05	7.85426	11.63624	8.65639	16.15602	7.12E-01	0.04923	0.00016	0.03742	0.79858	8.98E-01	0.062132	0.000138	0.021845	9.82E-01	0.885565	0.053438	0.000112	0.023201	0.962316
505	489713.71	3861150.05	7.14644	11.31085	8.46397	14.84717	6.48E-01	0.04785	0.00016	0.03439	0.73002	8.17E-01	0.060395	0.000135	0.020075	8.98E-01	0.805759	0.051944	0.00011	0.021321	0.879133
506	489763.71	3861150.05	7.2267	11.2616	8.56702	14.80363	6.55E-01	0.04764	0.00016	0.03429	0.73699	8.27E-01	0.060132	0.000136	0.020016	9.07E-01	0.814808	0.051717	0.000111	0.021259	0.887895
507	489813.71	3861150.05	7.28591	11.22564	8.6539	14.91542	6.60E-01	0.04749	0.00016	0.03455	0.74246	8.33E-01	0.05994	0.000138	0.020167	9.14E-01	0.821484	0.051552	0.000112	0.021419	0.894568
508	489863.71	3861150.05	7.38605	11.1827	8.67833	14.9543	6.69E-01	0.04731	0.00016	0.03464	0.75145	8.45E-01	0.05971	0.000138	0.02022	9.25E-01	0.832775	0.051355	0.000113	0.021475	0.905718
509	489913.71	3861150.05	7.47243	11.15466	8.70209	15.14226	6.77E-01	0.04719	0.00016	0.03507	0.75959	8.55E-01	0.059561	0.000138	0.020474	9.35E-01	0.842514	0.051226	0.000113	0.021745	0.915598
510	489963.71	3861150.05	7.54401	11.10809	8.73103	15.25569	6.84E-01	0.04699	0.00016	0.03534	0.76615	8.63E-01	0.059312	0.000139	0.020627	9.43E-01	0.850585	0.051012	0.000113	0.021908	0.923618
511	490013.71	3861150.05	7.64117	11.2111	8.6968	15.5122	6.92E-01	0.04743	0.00016	0.03593	0.77598	8.74E-01	0.059862	0.000138	0.020974	9.55E-01	0.861539	0.051486	0.000113	0.022276	0.935414
512	490063.71	3861150.05	7.72808	11.38362	8.62528	15.82184	7.00E-01	0.04816	0.00016	0.03665	0.7853	8.84E-01	0.060783	0.000137	0.021393	9.66E-01	0.871338	0.052278	0.000112	0.022721	0.946449
513	489613.71	3861200.05	6.90468	12.04456	8.20753	14.48511	6.26E-01	0.05095	0.00015	0.03355	0.71038	7.90E-01	0.064312	0.00013	0.019585	8.74E-01	0.7785	0.055313	0.000107	0.020801	0.854721
514	489663.71	3861200.05	6.94295	11.78496	8.24773	14.58628	6.29E-01	0.04986	0.00015	0.03378	0.71298	7.94E-01	0.062926	0.000131	0.019722	8.77E-01	0.782815	0.054121	0.000107	0.020947	0.85799
515	489713.71	3861200.05	7.02466	11.37774	8.30431	14.65539	6.37E-01	0.04813	0.00016	0.03394	0.71882	8.03E-01	0.060752	0.000132	0.019816	8.84E-01	0.792028	0.052251	0.000108	0.021046	0.865433
516	489763.71	3861200.05	7.08473	11.12582	8.37152	14.62578	6.42E-01	0.04707	0.00016	0.03388	0.72313	8.10E-01	0.059407	0.000133	0.019776	8.90E-01	0.798801	0.051094	0.000109	0.021003	0.871007
517	489813.71	3861200.05	7.15933	11.07159	8.48974	14.64291	6.49E-01	0.04684	0.00016	0.03392	0.72971	8.19E-01	0.059117	0.000135	0.019799	8.98E-01	0.807212	0.050845	0.00011	0.021028	0.879195
518	489863.71	3861200.05	7.22548	11.06598	8.57015	14.72748	6.55E-01	0.04681	0.00016	0.03411	0.73587	8.26E-01	0.059087	0.000136	0.019913	9.06E-01	0.81467	0.050819	0.000111	0.021149	0.88675
519	489913.71	3861200.05	7.32629	11.00153	8.56954	14.79476	6.64E-01	0.04654	0.00016	0.03427	0.74489	8.38E-01	0.058743	0.000136	0.020004	9.17E-01	0.826037	0.050523	0.000111	0.021246	0.897917
520	489963.71	3861200.05	7.39514	10.96301	8.59665	14.96438	6.70E-01	0.04638	0.00016	0.03466	0.75136	8.46E-01	0.058537	0.000137	0.020233	9.25E-01	0.8338	0.050346	0.000112	0.02149	0.905747
521	490013.71	3861200.05	7.47638	10.95824	8.63277	15.10761	6.78E-01	0.04636	0.00016	0.03499	0.75904	8.55E-01	0.058512	0.000137	0.020427	9.34E-01	0.842959	0.050324	0.000112	0.021695	0.915091
522	490063.71	3861200.05	7.5736	11.11804	8.58569	15.41372	6.86E-01	0.04703	0.00016	0.0357	0.76923	8.66E-01	0.059365	0.000136	0.020841	9.47E-01	0.853921	0.051058	0.000111	0.022135	0.927225
523	489513.71	3861250.05	6.57408	12.40318	8.23629	14.02823	5.96E-01	0.05247	0.00015	0.03249	0.68087	7.52E-01	0.066227	0.000131	0.018968	8.37E-01	0.741225	0.05696	0.000107	0.020145	0.818437
524	489563.71	3861250.05	6.7017	12.24618	8.22943	14.12844	6.07E-01	0.05181	0.00015	0.03272	0.69201	7.67E-01	0.065389	0.000131	0.019103	8.51E-01	0.755614	0.056239	0.000107	0.020289	0.832249
525	489613.71	3861250.05	6.79482	12.0373	8.16158	14.23425	6.16E-01	0.05092	0.00015	0.03297	0.69981	7.77E-01	0.064273	0.00013	0.019246	8.61E-01	0.766114	0.05528	0.000106	0.020441	0.84194
526	489663.71	3861250.05	6.8464	11.79637	8.11285	14.34608	6.20E-01	0.0499	0.00015	0.03323	0.70372	7.83E-01	0.062987	0.000129	0.019397	8.66E-01	0.771929	0.054173	0.000105	0.020602	0.84681
527	489713.71	3861250.05	6.89083	11.48037	8.16104	14.43087	6.24E-01	0.04857	0.00015	0.03342	0.70661	7.88E-01	0.0613	0.00013	0.019512	8.69E-01	0.776939	0.052722	0.000106	0.020723	0.85049
528	489763.71	3861250.05	6.96162	11.02987	8.23072	14.46198	6.31E-01	0.04666	0.00015	0.0335	0.71119	7.96E-01	0.058894	0.000131	0.019554	8.75E-01	0.78492	0.050653	0.000107	0.020768	0.856449
529	489813.71	3861250.05	7.02275	10.94188	8.2991	14.39802	6.36E-01	0.04629	0.00016	0.03335	0.71621	8.03E-01	0.058424	0.000132	0.019468	8.81E-01	0.791813	0.050249	0.000108	0.020676	0.862846
530	489863.71	3861250.05	7.08739	10.87652	8.40695	14.4722	6.42E-01	0.04601	0.00016	0.03352	0.72197	8.11E-01	0.058075	0.000134	0.019568	8.88E-01	0.799101	0.049949	0.000109	0.020783	0.869942
531	489913.71	3861250.05	7.16744	10.88216	8.47282	14.52463	6.50E-01	0.04604	0.00016	0.03364	0.72937	8.20E-01	0.058106	0.000135	0.019639	8.98E-01	0.808126	0.049975	0.00011	0.020858	0.879069
532	489963.71	3861250.05	7.26481	10.84067	8.47379	14.6435	6.58E-01	0.04586	0.00016	0.03392	0.73829	8.31E-01	0.057884	0.000135	0.0198	9.09E-01	0.819105	0.049784	0.00011	0.021029	0.890028
533	490013.71	3861250.05	7.32919	10.81861	8.51464	14.79675	6.64E-01	0.04577	0.00016	0.03427	0.74439	8.38E-01	0.057766	0.000135	0.020007	9.16E-01	0.826364	0.049683	0.000111	0.021249	0.897406
534	490063.71	3861250.05	7.39956	10.81921	8.52626	14.98776	6.71E-01	0.04577	0.00016	0.03471	0.75121	8.46E-01	0.057769	0.000136	0.020265	9.25E-01	0.834298	0.049686	0.000111	0.021523	0.905618
535	489528.13	3861308.47	6.42301	12.23746	8.11666	13.86494	5.82E-01	0.05177	0.00015	0.03211	0.6661	7.35E-01	0.065342	0.000129	0.018747	8.19E-01	0.724192	0.056199	0.000105	0.019911	0.800407
536	489578.13	3861308.47	6.55682	12.1233	8.13575	13.88946	5.94E-01	0.05129	0.00015	0.03217	0.6778	7.50E-01	0.064733	0.000129	0.01878	8.34E-01	0.739279	0.055675	0.000106	0.019946	0.815006
537	489628.13	3861308.47	6.66122	11.92453	8.08706	14.01957	6.04E-01	0.05045	0.00015	0.03247	0.68672	7.62E-01	0.063671	0.000129	0.018956	8.45E-01	0.75105	0.054762	0.000105	0.020133	0.82605
538	489678.13	3861308.47	6.73702	11.68042	8.00688	14.1145	6.11E-01	0.04941	0.00015	0.03269	0.69278	7.71E-01	0.062368	0.000127	0.019084	8.52E-01	0.759597	0.053641	0.000104	0.020269	0.833611
539	489728.13	3861308.47	6.77553	11.44049	8.02552	14.16572	6.14E-01	0.0484	0.00015	0.03281	0.69537	7.75E-01	0.061087	0.000128	0.019154	8.55E-01	0.763939	0.052539	0.000104	0.020343	0.836925
540	489778.13	3861308.47	6.83309	11.05845	8.05413	14.23209	6.19E-01	0.04678	0.00015	0.03296	0.69913	7.82E-01	0.059047	0.000128	0.019243	8.60E-01	0.770429	0.050785	0.000105	0.020438	0.841756
541	489678.13	3861358.47	6.61805	11.69035	7.9804	13.90324	6.00E-01	0.04946	0.00015	0.0322	0.68155	7.57E-01	0.062421	0.000127	0.018799	8.38E-01	0.746183	0.053686	0.000104	0.019966	0.819939
542	489728.13	3861358.47	6.67779	11.43378	7.90903	13.97016	6.05E-01	0.04837	0.00015	0.03236	0.68603	7.64E-01	0.061051	0.000126	0.018889	8.44E-01	0.752919	0.052508	0.000103	0.020062	0.825591
543	489528.13	3861408.47	6.1093	11.82906	7.84247	13.60145	5.54E-01	0.05004	0.00015	0.0315	0.63533	6.99E-01	0.063162	0.000125	0.018391	7.80E-01	0.688821	0.054323	0.000102	0.019532	0.762779
544	489578.13	3861408.47	6.23768	11.91835	7.93048	13.61914	5.65E-01	0.05042	0.00015	0.03154	0.64739	7.13E-01	0.063638	0.000126	0.018415	7.96E-01	0.703296	0.054733	0.000103	0.019558	0.777691
545	489628.13	3861408.47	6.38771	11.85463	7.97202	13.63974	5.79E-01	0.05015	0.00015	0.03159	0.66076	7.31E-01	0.063298	0.000127	0.018442	8.12E-01	0.720212	0.054441	0.000103	0.019587	0.794344

546	489678.13	3861408.47	6.49216	11.65152	7.94715	13.71462		5.88E-01	0.04929	0.00015	0.03177	0.66954		7.43E-01	0.062214	0.000126	0.018544	8.23E-01		0.731989	0.053508	0.000103	0.019695	0.805295
547	489728.13	3861408.47	6.56694	11.38947	7.86909	13.74978		5.95E-01	0.04818	0.00015	0.03185	0.67529		7.51E-01	0.060814	0.000125	0.018591	8.31E-01		0.74042	0.052305	0.000102	0.019745	0.812572
548	489528.13	3861458.47	5.97283	11.56424	7.6713	13.48154		5.41E-01	0.04892	0.00014	0.03123	0.62156		6.83E-01	0.061748	0.000122	0.018229	7.63E-01		0.673435	0.053107	9.96E-05	0.01936	0.746002
549	489578.13	3861458.47	6.09128	11.75109	7.80509	13.49649		5.52E-01	0.04971	0.00015	0.03126	0.63312		6.97E-01	0.062745	0.000124	0.018249	7.78E-01		0.68679	0.053965	0.000101	0.019382	0.760238
550	489628.13	3861458.47	6.22746	11.76362	7.8699	13.51029		5.64E-01	0.04977	0.00015	0.03129	0.64555		7.12E-01	0.062812	0.000125	0.018267	7.93E-01		0.702144	0.054023	0.000102	0.019401	0.775671
551	489678.13	3861458.47	6.34994	11.62077	7.87767	13.51316		5.75E-01	0.04916	0.00015	0.0313	0.65605		7.26E-01	0.062049	0.000125	0.018271	8.07E-01		0.715954	0.053367	0.000102	0.019406	0.788828
552	489728.13	3861458.47	6.4366	11.39215	7.82484	13.56596		5.83E-01	0.04819	0.00015	0.03142	0.66306		7.36E-01	0.060829	0.000124	0.018343	8.16E-01		0.725724	0.052317	0.000102	0.019481	0.797624
553	489528.13	3861508.47	5.85243	11.24865	7.46988	13.34433		5.30E-01	0.04759	0.00014	0.03091	0.60899		6.69E-01	0.060062	0.000119	0.018043	7.48E-01		0.659859	0.051658	9.7E-05	0.019163	0.730778
554	489578.13	3861508.47	5.95206	11.51409	7.63856	13.3834		5.39E-01	0.04871	0.00014	0.031	0.61924		6.81E-01	0.06148	0.000121	0.018096	7.60E-01		0.671093	0.052877	9.92E-05	0.019219	0.743288
555	489628.13	3861508.47	6.06065	11.61621	7.74426	13.38301		5.49E-01	0.04914	0.00014	0.031	0.62951		6.93E-01	0.062025	0.000123	0.018095	7.73E-01		0.683336	0.053346	0.000101	0.019219	0.756001
556	489678.13	3861508.47	6.19403	11.54666	7.7791	13.37355		5.61E-01	0.04885	0.00015	0.03098	0.64129		7.08E-01	0.061654	0.000124	0.018082	7.88E-01		0.698375	0.053027	0.000101	0.019205	0.770707
557	489728.13	3861508.47	6.30282	11.36184	7.77133	13.39182		5.71E-01	0.04807	0.00015	0.03102	0.6504		7.21E-01	0.060667	0.000124	0.018107	8.00E-01		0.710641	0.052178	0.000101	0.019231	0.782151
558	489628.13	3861558.47	5.93254	11.44163	7.60476	13.27768		5.38E-01	0.0484	0.00014	0.03075	0.61692		6.79E-01	0.061093	0.000121	0.017953	7.58E-01		0.668892	0.052544	9.87E-05	0.019067	0.740602
559	489678.13	3861558.47	6.05768	11.48679	7.69871	13.28559		5.49E-01	0.04859	0.00014	0.03077	0.62847		6.93E-01	0.061334	0.000122	0.017964	7.72E-01		0.683001	0.052752	9.99E-05	0.019079	0.754932
560	489728.13	3861558.47	6.18227	11.36275	7.71292	13.27807		5.60E-01	0.04807	0.00014	0.03075	0.63922		7.07E-01	0.060672	0.000123	0.017953	7.86E-01		0.697049	0.052182	0.0001	0.019068	0.768399
561	489357.08	3861015.81	6.97844	13.3633	8.75041	14.67827		6.32E-01	0.05653	0.00016	0.034	0.7231		7.98E-01	0.071354	0.000139	0.019847	8.90E-01		0.786817	0.061369	0.000114	0.021079	0.869378
562	489407.08	3861015.81	7.09065	13.19008	8.69673	14.8069		6.43E-01	0.0558	0.00016	0.0343	0.73283		8.11E-01	0.070429	0.000138	0.020021	9.02E-01		0.799468	0.060574	0.000113	0.021263	0.881418
563	489457.08	3861015.81	7.18125	12.94714	8.60772	14.9595		6.51E-01	0.05477	0.00016	0.03465	0.74036		8.21E-01	0.069132	0.000137	0.020227	9.11E-01		0.809683	0.059458	0.000112	0.021483	0.890736
564	489357.08	3861065.81	6.80772	13.17883	8.63428	14.49804		6.17E-01	0.05575	0.00016	0.03358	0.70642		7.79E-01	0.070369	0.000137	0.019603	8.69E-01		0.767568	0.060522	0.000112	0.02082	0.849022
565	489407.08	3861065.81	6.93565	13.1237	8.63766	14.56054		6.29E-01	0.05552	0.00016	0.03372	0.71793		7.93E-01	0.070074	0.000137	0.019687	8.83E-01		0.781992	0.060269	0.000112	0.02091	0.863283
566	489457.08	3861065.81	7.04697	12.91759	8.57582	14.7268		6.39E-01	0.05465	0.00016	0.03411	0.72753		8.06E-01	0.068974	0.000136	0.019912	8.95E-01		0.794543	0.059322	0.000111	0.021148	0.875126
567	489357.08	3861115.81	6.64521	12.91286	8.501	14.35407		6.02E-01	0.05463	0.00016	0.03325	0.69024		7.60E-01	0.068948	0.000135	0.019408	8.49E-01		0.749245	0.059301	0.00011	0.020613	0.829269
568	489407.08	3861115.81	6.78222	13.01373	8.55138	14.41033		6.15E-01	0.05505	0.00016	0.03338	0.70321		7.76E-01	0.069487	0.000136	0.019484	8.65E-01		0.764693	0.059764	0.000111	0.020694	0.845262
569	489457.08	3861115.81	6.91477	12.89991	8.54949	14.48542		6.27E-01	0.05457	0.00016	0.03355	0.71492		7.91E-01	0.068879	0.000136	0.019586	8.80E-01		0.779638	0.059241	0.000111	0.020802	0.859792
570	489407.08	3861165.81	6.62364	12.83045	8.44367	14.25935		6.00E-01	0.05428	0.00016	0.03303	0.68771		7.58E-01	0.068508	0.000134	0.01928	8.46E-01		0.746813	0.058922	0.00011	0.020477	0.826322
571	489457.08	3861165.81	6.75528	12.81756	8.46475	14.30312		6.12E-01	0.05422	0.00016	0.03313	0.69969		7.73E-01	0.06844	0.000135	0.019339	8.61E-01		0.761656	0.058863	0.00011	0.02054	0.841168
572	489407.08	3861215.81	6.42947	12.48614	8.25116	14.08448		5.83E-01	0.05282	0.00015	0.03262	0.66825		7.35E-01	0.06667	0.000131	0.019044	8.21E-01		0.724921	0.057341	0.000107	0.020226	0.802595
573	489457.08	3861215.81	6.55579	12.60458	8.31292	14.11173		5.94E-01	0.05332	0.00016	0.03269	0.68026		7.50E-01	0.067302	0.000132	0.019081	8.36E-01		0.739163	0.057885	0.000108	0.020265	0.817421
574	489407.08	3861265.81	6.23779	12.09248	8.02974	13.8982		5.65E-01	0.05116	0.00015	0.03219	0.64878		7.13E-01	0.064568	0.000128	0.018792	7.97E-01		0.703309	0.055533	0.000104	0.019959	0.778905
575	489457.08	3861265.81	6.36779	12.33605	8.15204	13.94637		5.77E-01	0.05219	0.00015	0.0323	0.66171		7.28E-01	0.065869	0.00013	0.018857	8.13E-01		0.717966	0.056652	0.000106	0.020028	0.794751
576	489309.86	3861110.14	6.52962	12.65482	8.40971	14.29199		5.92E-01	0.05354	0.00016	0.0331	0.67852		7.47E-01	0.067571	0.000134	0.019324	8.34E-01		0.736212	0.058116	0.000109	0.020524	0.814961
577	489407.08	3861315.81	6.09788	11.71762	7.82225	13.7368		5.53E-01	0.04957	0.00015	0.03182	0.63414		6.97E-01	0.062566	0.000124	0.018574	7.79E-01		0.687534	0.053812	0.000102	0.019727	0.761174
578	489457.08	3861315.81	6.21609	12.06059	7.99068	13.81367		5.63E-01	0.05102	0.00015	0.032	0.64648		7.11E-01	0.064398	0.000127	0.018678	7.94E-01		0.700862	0.055387	0.000104	0.019837	0.77619
579	488906.03	3861006.75	6.37544	11.36758	8.16582	13.19413		5.78E-01	0.04809	0.00015	0.03056	0.65656		7.29E-01	0.060697	0.00013	0.01784	8.08E-01		0.718829	0.052204	0.000106	0.018947	0.790086
580	488956.03	3861006.75	6.44489	11.41058	8.25677	13.47887		5.84E-01	0.04827	0.00015	0.03122	0.6637		7.37E-01	0.060927	0.000131	0.018225	8.16E-01		0.726659	0.052402	0.000107	0.019356	0.798524
581	488904.24	3861051.87	6.41574	11.49235	8.23219	13.00919		5.81E-01	0.04862	0.00015	0.03013	0.66031		7.34E-01	0.061364	0.000131	0.01759	8.13E-01		0.723372	0.052777	0.000107	0.018682	0.794938
582	488954.24	3861051.87	6.40844	11.28898	8.19992	13.26135		5.81E-01	0.04776	0.00015	0.03072	0.65937		7.33E-01	0.060278	0.00013	0.017931	8.11E-01		0.722549	0.051843	0.000106	0.019044	0.793543
583	489004.24	3861051.87	6.48144	11.40364	8.28088	13.54343		5.87E-01	0.04824	0.00016	0.03137	0.66713		7.41E-01	0.06089	0.000132	0.018312	8.21E-01		0.73078	0.05237	0.000107	0.019449	0.802706
584	488804.24	3861101.87	6.09372	11.19281	8.02924	12.10739		5.52E-01	0.04735	0.00015	0.02804	0.62777		6.97E-01	0.059764	0.000128	0.016371	7.73E-01		0.687065	0.051402	0.000104	0.017387	0.755957
585	488854.24	3861101.87	6.20234	11.339	8.065	12.44159		5.62E-01	0.04797	0.00015	0.02882	0.63901		7.09E-01	0.060545	0.000128	0.016822	7.87E-01		0.699312	0.052073	0.000105	0.017867	0.769356
586	488904.24	3861101.87	6.17752	11.13794	7.9564	12.68453		5.60E-01	0.04712	0.00015	0.02938	0.63647		7.07E-01	0.059471	0.000126	0.017151	7.83E-01		0.696513	0.05115	0.000103	0.018216	0.765982
587	488954.24	3861101.87	6.20207	10.92066	7.94461	12.93758		5.62E-01	0.0462	0.00015	0.02997	0.63836		7.09E-01	0.058311	0.000126	0.017493	7.85E-01		0.699281	0.050152	0.000103	0.018579	0.768115
588	489004.24	3861101.87	6.24584	10.97654	8.00197	13.20833		5.66E-01	0.04644	0.00015	0.03059	0.64319		7.14E-01	0.058609	0.000127	0.017859	7.91E-01		0.704216	0.050408	0.000104	0.018968	0.773696
589	488804.24	3861151.87	5.86678	10.7294	7.78179	11.74516		5.32E-01	0.04539	0.00015	0.0272	0.6044		6.71E-01	0.05729	0.000124	0.015881	7.44E-01		0.661477	0.049273	0.000101	0.016867	0.727719
590	488854.24	3861151.87	5.93932	10.827	7.78128	12.07188		5.38E-01	0.0458	0.00015	0.02796	0.61214		6.79E-01	0.057811	0.000124	0.016322	7.54E-01		0.669656	0.049722	0.000101	0.017336	0.736815
591	489129.49	3861187.55	6.1087	10.55733	7.77777	13.33559		5.54E-01	0.04466	0.00015	0.03089	0.62928		6.99E-01	0.056371	0.000124	0.018031	7.73E-01		0.688754	0.048483	0.000101	0.019151	0.756489
592	489179.49	3861187.55	6.14317	10.7697	7.69548	13.50853		5.57E-01	0.04556	0.00014	0.03129	0.6337		7.03E-01	0.057505	0.000122	0.018265	7.79E-01		0.69264	0.049458	9.99E-05	0.019399	0.761598
593	488804.24	3861201.87	5.75826	10.50255	7.67239	11.44679		5.22E-01	0.04443	0.00014	0.02651	0.59291		6.59E-01	0.056079	0.000122	0.015477	7.30E-01		0.649242	0.048232	9.96E-05	0.016438	0.714011
594	488854.24	3861201.87	5.81717	10.55347	7.67499	11.77694		5.27E-01	0.04465	0.00014	0.02728	0.59923		6.65E-01	0.05635	0.000122	0.015924	7.38E-01		0.655884	0.048465	9.96E-05	0.016912	0.721361
595	489129.49	3861237.55	6.05308	10.41561	7.73636	13.11605		5.49E-01	0.04406	0.00014	0.03038	0.62313		6.92E-01	0.055614	0.000123	0.017734	7.66E-01		0.682483	0.047832	0.0001	0.018835	0.749251
596	489179.49	3861237.55	6.05656	10.43567	7.66778	13.28624		5.49E-01	0.04415	0.00014	0.03077	0.62392		6.93E-01	0.055721	0.000122	0.017964	7.67E-01		0.682875	0.047924	9.95E-05	0.01908	0.749979
597	488804.24	3861251.87	5.65597	10.41007	7.56038	11.16024		5.13E-01	0.04404	0.00014	0.02585	0.58259		6.47E-01	0.055585	0.00012	0.01509	7.18E-01		0.637709	0.047807	9.81E-05	0.016027	0.70164
598	488854.24	3861251.87	5.71529	10.34484	7.58207	11.48823		5.18E-01	0.04376	0.00014	0.02661	0.58845		6.54E-01	0.055236	0.000121	0.015533	7.25E-01		0.644397	0.047507	9.84E-05	0.016498	0.7085
599	488804.24	3861301.87	5.53174	10.28188	7.41039	10.85587		5.01E-01	0.0435	0.00014	0.02514	0.57008		6.33E-01	0.0549	0.000118	0.014678	7.02E-01		0.623702	0.047218	9.62E-05	0.01559	0.686606
600	488854.24	3861301.87	5.61128	10.11453	7.47529	11.19193		5.09E-01	0.04279	0.00014	0.02592	0.57736		6.42E-01	0.054007	0.000119	0.015133	7.11E-01		0.63267	0.04645	9.7E-05	0.016072	0.695289
601	490943.5	3860181.97	8.51806	13.43849	9.77007	17.39729		7.72E-01	0.05685	0.00018	0.0403	0.86925		9.74E-01	0.071755	0.000155	0.023523	1.07E+00		0.960408	0.061715	0.000127	0.024983	1.047233
602	490993.5	3860181.97	8.42589	13.24517	9.68938	17.20097		7.64E-01	0.05603	0.00018	0.03984	0.85963		9.64E-01	0.070723	0.000154	0.023258	1.06E+00		0.950016	0.060827	0.000126	0.024701	1.03567
603	491043.5	3860181.97	8.33865	13.19811	9.59681	17.1092		7.56E-01	0.05583	0.00018	0.03963	0.85131		9.54E-01	0.070472	0.000153	0.023133	1.05E+00		0.94018	0.060611	0.000125	0.02457	1.025485
604	491093.5	3860181.97	8.23547	13.06185	9.63366	16.93007		7.46E-01	0.05526	0.00018	0.03921	0.84097		9.42E-01	0.069744	0.000153	0.022891	1.03E+00		0.928546	0.059985	0.000125	0.024312	1.012969
605	490943.5	3860231.97	8.53455	13.43074	9.69958	17.50178		7.73E-01	0.05682	0.00018	0.04054	0.87096		9.76E-01	0.071714	0.000154	0.023664	1.07E+00		0.962268	0.061679	0.000126	0.025133	1.049206
606	490993.5	3860231.97	8.48168	13.36479	9.6598	17.29538		7.69E-01	0.05654	0.00018	0.04006	0.86541		9.70E-01	0.071362	0.000154	0.023385	1.07E+00		0.956307	0.061376	0.000125	0.024837	1.042645

607	491043.5	3860231.97	8.3911	13.14262	9.57987	17.032	7.60E-01	0.0556	0.00018	0.03945	0.85565	9.60E-01	0.070175	0.000152	0.023029	1.05E+00	0.946094	0.060356	0.000124	0.024459	1.031033
608	491093.5	3860231.97	8.29793	13.08475	9.46746	16.98483	7.52E-01	0.05536	0.00018	0.03934	0.84685	9.49E-01	0.069866	0.00015	0.022965	1.04E+00	0.935589	0.06009	0.000123	0.024391	1.020193
609	490943.5	3860281.97	8.63012	13.56542	9.84188	17.77818	7.82E-01	0.05739	0.00018	0.04118	0.88083	9.87E-01	0.072433	0.000156	0.024038	1.08E+00	0.973043	0.062297	0.000128	0.02553	1.060999
610	490993.5	3860281.97	8.49191	13.35082	9.63641	17.3882	7.70E-01	0.05648	0.00018	0.04027	0.86649	9.71E-01	0.071287	0.000153	0.023511	1.07E+00	0.95746	0.061312	0.000125	0.02497	1.043867
611	491043.5	3860281.97	8.41529	13.24465	9.51545	17.17824	7.63E-01	0.05603	0.00018	0.03979	0.85861	9.63E-01	0.07072	0.000151	0.023227	1.06E+00	0.948821	0.060824	0.000124	0.024669	1.034438
612	491093.5	3860281.97	8.34162	13.04842	9.45505	16.86131	7.56E-01	0.0552	0.00018	0.03905	0.85037	9.54E-01	0.069672	0.00015	0.022798	1.05E+00	0.940515	0.059923	0.000123	0.024214	1.024774
613	490943.5	3860331.97	8.68945	13.63861	9.82006	17.96739	7.87E-01	0.0577	0.00018	0.04162	0.88695	9.94E-01	0.072824	0.000156	0.024294	1.09E+00	0.979733	0.062634	0.000127	0.025802	1.068296
614	490993.5	3860331.97	8.57104	13.4714	9.72147	17.68096	7.77E-01	0.05699	0.00018	0.04095	0.87485	9.80E-01	0.071931	0.000155	0.023907	1.08E+00	0.966382	0.061866	0.000126	0.025391	1.053764
615	491043.5	3860331.97	8.42233	13.24159	9.52097	17.27445	7.63E-01	0.05602	0.00018	0.04001	0.85946	9.63E-01	0.070704	0.000151	0.023357	1.06E+00	0.949615	0.06081	0.000124	0.024807	1.035356
616	491093.5	3860331.97	8.33358	13.10168	9.35622	17.03814	7.55E-01	0.05543	0.00018	0.03946	0.85027	9.53E-01	0.069957	0.000149	0.023037	1.05E+00	0.939608	0.060168	0.000121	0.024468	1.024365
617	490086.72	3859935.12	11.44585	15.34083	11.5124	21.06397	1.04E+00	0.0649	0.00022	0.04879	1.15115	1.31E+00	0.081913	0.000183	0.028481	1.42E+00	1.290516	0.070451	0.000149	0.030249	1.391365
618	490136.72	3859935.12	11.23406	15.22832	11.40764	20.55454	1.02E+00	0.06442	0.00021	0.04761	1.1303	1.28E+00	0.081312	0.000181	0.027792	1.39E+00	1.266636	0.069934	0.000148	0.029517	1.366236
619	490186.72	3859935.12	10.93948	15.13873	11.25295	20.21231	9.91E-01	0.06404	0.00021	0.04682	1.10243	1.25E+00	0.080834	0.000179	0.027329	1.36E+00	1.233423	0.069523	0.000146	0.029026	1.332117
620	490236.72	3859935.12	10.66281	15.08705	11.07779	20.06017	9.66E-01	0.06383	0.00021	0.04646	1.07678	1.22E+00	0.080558	0.000176	0.027124	1.33E+00	1.202228	0.069285	0.000144	0.028807	1.300465
621	490286.72	3859935.12	10.35943	14.93977	10.96987	19.99845	9.39E-01	0.0632	0.00021	0.04632	1.04852	1.18E+00	0.079771	0.000174	0.02704	1.29E+00	1.168022	0.068609	0.000142	0.028719	1.265492
622	490336.72	3859935.12	10.00019	14.77967	10.89236	19.8056	9.06E-01	0.06253	0.0002	0.04587	1.01484	1.14E+00	0.078916	0.000173	0.026779	1.25E+00	1.127518	0.067874	0.000141	0.028442	1.223975
623	490386.72	3859935.12	9.67733	14.73371	10.80664	19.50566	8.77E-01	0.06233	0.0002	0.04518	0.98469	1.11E+00	0.078671	0.000172	0.026374	1.21E+00	1.091116	0.067663	0.00014	0.028011	1.18693
624	490436.72	3859935.12	9.4458	14.63061	10.72611	19.34803	8.56E-01	0.06189	0.0002	0.04481	0.96291	1.08E+00	0.07812	0.00017	0.026161	1.18E+00	1.065011	0.067189	0.000139	0.027785	1.160124
625	490486.72	3859935.12	9.22005	14.47674	10.75659	19.05397	8.36E-01	0.06124	0.0002	0.04413	0.94112	1.05E+00	0.077299	0.000171	0.025763	1.16E+00	1.039557	0.066483	0.00014	0.027363	1.133542
626	490536.72	3859935.12	9.03093	14.28505	10.67244	18.59646	8.18E-01	0.06043	0.0002	0.04307	0.92211	1.03E+00	0.076275	0.00017	0.025144	1.13E+00	1.018234	0.065602	0.000139	0.026705	1.110681
627	490586.72	3859935.12	8.90747	14.10762	10.495	18.20995	8.07E-01	0.05968	0.0002	0.04218	0.90927	1.02E+00	0.075328	0.000167	0.024622	1.12E+00	1.004314	0.064787	0.000136	0.02615	1.095388
628	490636.72	3859935.12	8.77389	13.99025	10.40617	17.9006	7.95E-01	0.05919	0.00019	0.04146	0.89595	1.00E+00	0.074701	0.000165	0.024204	1.10E+00	0.989253	0.064248	0.000135	0.025706	1.079343
629	490686.72	3859935.12	8.66319	13.82882	10.43925	17.62409	7.85E-01	0.0585	0.0002	0.04082	0.8846	9.91E-01	0.073839	0.000166	0.02383	1.09E+00	0.976772	0.063507	0.000136	0.025309	1.065723
630	490736.72	3859935.12	8.53503	13.73112	10.40304	17.36732	7.73E-01	0.05809	0.00019	0.04023	0.87197	9.76E-01	0.073318	0.000165	0.023483	1.07E+00	0.962322	0.063058	0.000135	0.02494	1.050456
631	490086.72	3859985.12	11.65168	15.5067	11.47781	21.57452	1.06E+00	0.0656	0.00021	0.04997	1.17169	1.33E+00	0.082798	0.000182	0.029171	1.44E+00	1.313723	0.071213	0.000149	0.030982	1.416067
632	490136.72	3859985.12	11.31242	15.19738	11.41161	20.91169	1.03E+00	0.06429	0.00021	0.04844	1.1381	1.29E+00	0.081147	0.000181	0.028275	1.40E+00	1.275471	0.069792	0.000148	0.03003	1.375442
633	490186.72	3859985.12	11.11093	15.09979	11.32836	20.37254	1.01E+00	0.06388	0.00021	0.04719	1.11817	1.27E+00	0.080626	0.00018	0.027546	1.38E+00	1.252754	0.069344	0.000147	0.029256	1.3515
634	490236.72	3859985.12	10.86701	15.01804	11.18368	19.99922	9.85E-01	0.06353	0.00021	0.04632	1.09486	1.24E+00	0.080189	0.000178	0.027041	1.35E+00	1.225252	0.068968	0.000145	0.02872	1.323085
635	490286.72	3859985.12	10.57336	14.98339	11.01139	19.88261	9.58E-01	0.06339	0.00021	0.04605	1.06783	1.21E+00	0.080004	0.000175	0.026883	1.32E+00	1.192143	0.068809	0.000143	0.028552	1.289647
636	490336.72	3859985.12	10.30909	14.8584	10.90409	19.83284	9.34E-01	0.06286	0.0002	0.04594	1.04323	1.18E+00	0.079337	0.000173	0.026816	1.29E+00	1.162346	0.068235	0.000142	0.028481	1.259204
637	490386.72	3859985.12	9.98095	14.67792	10.819	19.70085	9.04E-01	0.0621	0.0002	0.04563	1.01242	1.14E+00	0.078373	0.000172	0.026638	1.25E+00	1.125349	0.067406	0.00014	0.028291	1.221187
638	490436.72	3859985.12	9.66047	14.64563	10.74727	19.39844	8.75E-01	0.06196	0.0002	0.04493	0.98254	1.10E+00	0.078201	0.000171	0.026229	1.21E+00	1.089215	0.067258	0.00014	0.027857	1.18447
639	490486.72	3859985.12	9.42167	14.56707	10.63494	19.26871	8.54E-01	0.06163	0.0002	0.04463	0.96027	1.08E+00	0.077781	0.000169	0.026053	1.18E+00	1.06229	0.066897	0.000138	0.027671	1.156996
640	490536.72	3859985.12	9.22446	14.44217	10.67568	19.00403	8.36E-01	0.0611	0.0002	0.04402	0.94125	1.06E+00	0.077114	0.00017	0.025696	1.16E+00	1.040055	0.066324	0.000139	0.027291	1.133808
641	490586.72	3859985.12	9.02872	14.26632	10.60462	18.59791	8.18E-01	0.06035	0.0002	0.04308	0.92183	1.03E+00	0.076175	0.000169	0.025146	1.13E+00	1.017985	0.065516	0.000138	0.026708	1.110347
642	490636.72	3859985.12	8.90916	14.07413	10.44963	18.18098	8.07E-01	0.05954	0.0002	0.04211	0.90921	1.02E+00	0.075149	0.000166	0.024583	1.12E+00	1.004505	0.064634	0.000136	0.026109	1.095383
643	490686.72	3859985.12	8.81154	14.01281	10.35476	17.86854	7.99E-01	0.05928	0.00019	0.04139	0.89938	1.01E+00	0.074822	0.000165	0.02416	1.11E+00	0.993498	0.064352	0.000134	0.02566	1.083645
644	490736.72	3859985.12	8.69182	13.84359	10.33424	17.60642	7.88E-01	0.05857	0.00019	0.04078	0.88721	9.94E-01	0.073918	0.000164	0.023806	1.09E+00	0.98	0.063575	0.000134	0.025284	1.068993
645	490786.72	3859985.12	8.57265	13.72657	10.30855	17.45808	7.77E-01	0.05807	0.00019	0.04044	0.87557	9.81E-01	0.073293	0.000164	0.023605	1.08E+00	0.966563	0.063038	0.000134	0.025071	1.054805
646	490086.72	3860035.12	11.72614	15.63249	11.47385	21.70696	1.06E+00	0.06613	0.00021	0.05028	1.17927	1.34E+00	0.08347	0.000182	0.02935	1.45E+00	1.322118	0.07179	0.000149	0.031172	1.42523
647	490136.72	3860035.12	11.51389	15.36896	11.38762	21.37632	1.04E+00	0.06502	0.00021	0.04951	1.15816	1.32E+00	0.082063	0.000181	0.028903	1.43E+00	1.298187	0.07058	0.000148	0.030698	1.399612
648	490186.72	3860035.12	11.19804	15.05461	11.31231	20.74727	1.01E+00	0.06369	0.00021	0.04805	1.12674	1.28E+00	0.080384	0.00018	0.028053	1.39E+00	1.262575	0.069136	0.000147	0.029794	1.361653
649	490236.72	3860035.12	10.97761	14.95954	11.24134	20.18667	9.95E-01	0.06329	0.00021	0.04676	1.10507	1.26E+00	0.079877	0.000179	0.027295	1.36E+00	1.237722	0.0687	0.000146	0.028989	1.335557
650	490286.72	3860035.12	10.76353	14.85629	11.08839	19.81516	9.75E-01	0.06285	0.00021	0.0459	1.08437	1.23E+00	0.079325	0.000176	0.026792	1.34E+00	1.213584	0.068226	0.000144	0.028456	1.310409
651	490336.72	3860035.12	10.47032	14.85833	10.94013	19.70058	9.49E-01	0.06286	0.0002	0.04563	1.05754	1.20E+00	0.079336	0.000174	0.026637	1.30E+00	1.180525	0.068235	0.000142	0.028291	1.277193
652	490386.72	3860035.12	10.22724	14.74335	10.81562	19.66608	9.27E-01	0.06237	0.0002	0.04555	1.03494	1.17E+00	0.078722	0.000172	0.026591	1.28E+00	1.153118	0.067707	0.00014	0.028242	1.249207
653	490436.72	3860035.12	9.94238	14.58786	10.73362	19.57622	9.01E-01	0.06171	0.0002	0.04534	1.00826	1.14E+00	0.077892	0.000171	0.026469	1.24E+00	1.121	0.066993	0.000139	0.028112	1.216245
654	490486.72	3860035.12	9.63426	14.54556	10.68115	19.31577	8.73E-01	0.06154	0.0002	0.04474	0.97955	1.10E+00	0.077666	0.00017	0.026117	1.21E+00	1.08626	0.066799	0.000139	0.027738	1.180935
655	490536.72	3860035.12	9.38485	14.49584	10.56411	19.1523	8.50E-01	0.06132	0.0002	0.04436	0.95636	1.07E+00	0.077401	0.000168	0.025896	1.18E+00	1.058139	0.06657	0.000137	0.027504	1.15235
656	490586.72	3860035.12	9.20763	14.38358	10.57406	18.93391	8.34E-01	0.06085	0.0002	0.04385	0.93932	1.05E+00	0.076801	0.000168	0.025601	1.16E+00	1.038157	0.066055	0.000137	0.02719	1.131539
657	490636.72	3860035.12	9.01294	14.20046	10.50084	18.59003	8.17E-01	0.06008	0.0002	0.04306	0.9201	1.03E+00	0.075824	0.000167	0.025136	1.13E+00	1.016206	0.065214	0.000136	0.026696	1.108252
658	490686.72	3860035.12	8.87354	13.98918	10.36483	18.16124	8.04E-01	0.05918	0.00019	0.04206	0.90558	1.01E+00	0.074696	0.000165	0.024556	1.11E+00	1.000489	0.064244	0.000135	0.02608	1.090947
659	490736.72	3860035.12	8.79359	13.93482	10.21758	17.86605	7.97E-01	0.05895	0.00019	0.04138	0.89742	1.01E+00	0.074405	0.000162	0.024157	1.10E+00	0.991474	0.063994	0.000133	0.025657	1.081257
660	490786.72	3860035.12	8.68219	13.79505	10.19997	17.54975	7.87E-01	0.05836	0.00019	0.04065	0.886	9.93E-01	0.073659	0.000162	0.023729	1.09E+00	0.978914	0.063352	0.000132	0.025202	1.067601
661	490836.72	3860035.12	8.57454	13.65888	10.17981	17.4682	7.77E-01	0.05778	0.00019	0.04046	0.87548	9.81E-01	0.072932	0.000162	0.023619	1.08E+00	0.966776	0.062727	0.000132	0.025085	1.05472
662	490086.72	3860085.12	11.77874	15.64998	11.37853	21.64222	1.07E+00	0.06621	0.00021	0.05013	1.18396	1.35E+00	0.083563	0.000181	0.029263	1.46E+00	1.328049	0.071871	0.000148	0.031079	1.431146
663	490136.72	3860085.12	11.56493	15.47998	11.37095	21.47877	1.05E+00	0.06549	0.00021	0.04975	1.16349	1.32E+00	0.082656	0.000181	0.029042	1.43E+00	1.303942	0.07109	0.000148	0.030845	1.406024
664	490186.72	3860085.12	11.38707	15.25438	11.30797	21.16471	1.03E+00	0.06453	0.00021	0.04902	1.14569	1.30E+00	0.081451	0.00018	0.028617	1.41E+00	1.283888	0.070054	0.000147	0.030394	1.384482
665	490236.72	3860085.12	11.0912	14.93014	11.21456	20.57562	1.01E+00	0.06316	0.00021	0.04766	1.11614	1.27E+00	0.07972	0.000178	0.02782	1.38E+00	1.250529	0.068565	0.000146	0.029548	1.348787
666	490286.72	3860085.12	10.84092	14.81359	11.15349	19.99308	9.82E-01	0.06267	0.00021	0.04631	1.09161	1.24E+00	0.079097	0.000177	0.027033	1.35E+00	1.22231	0.06803	0.000145	0.028711	1.319195
667	490336.72	3860085.12	10.66013	14.72199	11.00396	19.6356	9.66E-01	0.06228	0.00021	0.04548	1.07401	1.22E+00	0.078608	0.000175	0.026549	1.32E+00	1.201926	0.067609	0.000143	0.028198	1.297875

668	490386.72	3860085.12	10.39095	14.70842	10.85442	19.51344	9.42E-01	0.06222	0.0002	0.0452	1.04927	1.19E+00	0.078536	0.000173	0.026384	1.29E+00	1.171576	0.067547	0.000141	0.028022	1.267286
669	490436.72	3860085.12	10.13712	14.62568	10.72934	19.48841	9.19E-01	0.06187	0.0002	0.04514	1.02586	1.16E+00	0.078094	0.000171	0.02635	1.26E+00	1.142957	0.067167	0.000139	0.027986	1.238249
670	490486.72	3860085.12	9.88527	14.48128	10.63737	19.43397	8.96E-01	0.06126	0.0002	0.04501	1.0023	1.13E+00	0.077323	0.000169	0.026277	1.23E+00	1.114561	0.066503	0.000138	0.027908	1.209111
671	490536.72	3860085.12	9.60229	14.43493	10.60715	19.21289	8.70E-01	0.06107	0.0002	0.0445	0.97595	1.10E+00	0.077076	0.000169	0.025978	1.20E+00	1.082655	0.066291	0.000138	0.027591	1.176674
672	490586.72	3860085.12	9.34209	14.39943	10.5022	19.02287	8.47E-01	0.06092	0.0002	0.04406	0.95177	1.07E+00	0.076886	0.000167	0.025721	1.17E+00	1.053317	0.066128	0.000136	0.027318	1.146899
673	490636.72	3860085.12	9.16495	14.29456	10.45043	18.85016	8.31E-01	0.06047	0.0002	0.04366	0.93488	1.05E+00	0.076326	0.000166	0.025487	1.15E+00	1.033345	0.065646	0.000136	0.02707	1.126196
674	490686.72	3860085.12	8.99832	14.14719	10.41379	18.53401	8.15E-01	0.05985	0.00019	0.04293	0.91842	1.03E+00	0.075539	0.000166	0.02506	1.13E+00	1.014558	0.064969	0.000135	0.026616	1.106278
675	490736.72	3860085.12	8.83601	13.94449	10.29924	18.08262	8.01E-01	0.05899	0.00019	0.04188	0.90181	1.01E+00	0.074457	0.000164	0.02445	1.11E+00	0.996257	0.064038	0.000134	0.025968	1.086397
676	490786.72	3860085.12	8.75535	13.83073	10.08151	17.82431	7.93E-01	0.05851	0.00019	0.04128	0.89341	1.00E+00	0.073849	0.00016	0.0241	1.10E+00	0.987163	0.063516	0.000131	0.025597	1.076406
677	490836.72	3860085.12	8.65215	13.70897	10.0534	17.5442	7.84E-01	0.058	0.00019	0.04064	0.8829	9.90E-01	0.073199	0.00016	0.023722	1.09E+00	0.975527	0.062957	0.00013	0.025194	1.063809
678	490086.72	3860135.12	11.62259	15.55318	11.20088	21.62018	1.05E+00	0.0658	0.00021	0.05008	1.16935	1.33E+00	0.083047	0.000178	0.029233	1.44E+00	1.310443	0.071426	0.000145	0.031048	1.413062
679	490136.72	3860135.12	11.57382	15.41404	11.22912	21.43405	1.05E+00	0.06521	0.00021	0.04965	1.16391	1.32E+00	0.082304	0.000178	0.028981	1.44E+00	1.304944	0.070787	0.000146	0.03078	1.406657
680	490186.72	3860135.12	11.41588	15.33538	11.27063	21.2457	1.03E+00	0.06488	0.00021	0.04921	1.14883	1.31E+00	0.081884	0.000179	0.028726	1.42E+00	1.287137	0.070426	0.000146	0.03051	1.388219
681	490236.72	3860135.12	11.23663	15.09975	11.20188	20.96735	1.02E+00	0.06388	0.00021	0.04856	1.13094	1.29E+00	0.080625	0.000178	0.02835	1.39E+00	1.266926	0.069344	0.000145	0.03011	1.366525
682	490286.72	3860135.12	10.96687	14.78458	11.09915	20.40981	9.94E-01	0.06255	0.00021	0.04727	1.10387	1.25E+00	0.078943	0.000176	0.027596	1.36E+00	1.236511	0.067896	0.000144	0.02931	1.333861
683	490336.72	3860135.12	10.71175	14.65239	11.05272	19.79759	9.71E-01	0.06199	0.00021	0.04585	1.07877	1.23E+00	0.078237	0.000176	0.026768	1.33E+00	1.207746	0.067289	0.000143	0.02843	1.303609
684	490386.72	3860135.12	10.54504	14.57793	10.91165	19.46643	9.56E-01	0.06167	0.0002	0.04509	1.06258	1.21E+00	0.077839	0.000173	0.026321	1.31E+00	1.18895	0.066947	0.000142	0.027955	1.283993
685	490436.72	3860135.12	10.30582	14.55376	10.76703	19.32837	9.34E-01	0.06157	0.0002	0.04477	1.04047	1.18E+00	0.07771	0.000171	0.026134	1.28E+00	1.161978	0.066836	0.00014	0.027757	1.25671
686	490486.72	3860135.12	10.0464	14.49616	10.6351	19.2991	9.10E-01	0.06133	0.0002	0.0447	1.01665	1.15E+00	0.077403	0.000169	0.026094	1.25E+00	1.132728	0.066572	0.000138	0.027715	1.227152
687	490536.72	3860135.12	9.82574	14.38226	10.56497	19.26769	8.90E-01	0.06084	0.0002	0.04463	0.9961	1.12E+00	0.076794	0.000168	0.026052	1.23E+00	1.107849	0.066049	0.000137	0.027669	1.201704
688	490586.72	3860135.12	9.56809	14.31527	10.52654	19.0916	8.67E-01	0.06056	0.0002	0.04422	0.97206	1.09E+00	0.076437	0.000167	0.025814	1.20E+00	1.078799	0.065741	0.000137	0.027417	1.172093
689	490636.72	3860135.12	9.3071	14.28911	10.43081	18.87457	8.43E-01	0.06045	0.0002	0.04372	0.94779	1.06E+00	0.076297	0.000166	0.02552	1.17E+00	1.049372	0.065621	0.000135	0.027105	1.142234
690	490686.72	3860135.12	9.11175	14.20206	10.32733	18.73869	8.26E-01	0.06008	0.00019	0.0434	0.9294	1.04E+00	0.075832	0.000164	0.025337	1.14E+00	1.027347	0.065221	0.000134	0.02691	1.119612
691	490736.72	3860135.12	8.96025	14.06364	10.30433	18.46447	8.12E-01	0.0595	0.00019	0.04277	0.91445	1.02E+00	0.075093	0.000164	0.024966	1.13E+00	1.010265	0.064585	0.000134	0.026516	1.1015
692	490786.72	3860135.12	8.80341	13.87638	10.21009	18.05474	7.98E-01	0.0587	0.00019	0.04182	0.8985	1.01E+00	0.074093	0.000162	0.024412	1.11E+00	0.992581	0.063725	0.000133	0.025928	1.082367
693	490836.72	3860135.12	8.69484	13.69964	9.96369	17.74945	7.88E-01	0.05796	0.00019	0.04111	0.8872	9.95E-01	0.07315	0.000158	0.023999	1.09E+00	0.98034	0.062914	0.000129	0.025489	1.068873
694	490086.72	3860185.12	11.38104	15.46164	11.06928	21.46871	1.03E+00	0.06541	0.00021	0.04973	1.14672	1.30E+00	0.082558	0.000176	0.029028	1.41E+00	1.283208	0.071006	0.000144	0.03083	1.385188
695	490136.72	3860185.12	11.45541	15.39896	11.09296	21.37947	1.04E+00	0.06515	0.00021	0.04952	1.15299	1.31E+00	0.082223	0.000176	0.028907	1.42E+00	1.291594	0.070718	0.000144	0.030702	1.393157
696	490186.72	3860185.12	11.41917	15.26297	11.12867	21.19639	1.03E+00	0.06457	0.00021	0.04909	1.1487	1.31E+00	0.081497	0.000177	0.02866	1.42E+00	1.287508	0.070093	0.000144	0.030439	1.388184
697	490236.72	3860185.12	11.25728	15.17241	11.15763	21.01933	1.02E+00	0.06419	0.00021	0.04868	1.13324	1.29E+00	0.081013	0.000177	0.02842	1.40E+00	1.269254	0.069677	0.000145	0.030185	1.369262
698	490286.72	3860185.12	11.09171	14.95363	11.10044	20.76248	1.01E+00	0.06326	0.00021	0.04809	1.11671	1.27E+00	0.079845	0.000176	0.028073	1.38E+00	1.250587	0.068673	0.000144	0.029816	1.349219
699	490336.72	3860185.12	10.83801	14.63695	10.99004	20.23901	9.82E-01	0.06192	0.00021	0.04688	1.09117	1.24E+00	0.078154	0.000175	0.027365	1.35E+00	1.221982	0.067218	0.000143	0.029064	1.318407
700	490386.72	3860185.12	10.58112	14.49152	10.94413	19.6016	9.59E-01	0.06131	0.0002	0.0454	1.0658	1.21E+00	0.077378	0.000174	0.026503	1.31E+00	1.193018	0.06655	0.000142	0.028149	1.287859
701	490436.72	3860185.12	10.41966	14.42558	10.81269	19.28992	9.44E-01	0.06103	0.0002	0.04468	1.05016	1.19E+00	0.077026	0.000172	0.026082	1.30E+00	1.174813	0.066248	0.00014	0.027701	1.268902
702	490486.72	3860185.12	10.2164	14.39992	10.68021	19.13154	9.26E-01	0.06092	0.0002	0.04431	1.03126	1.17E+00	0.076889	0.00017	0.025868	1.27E+00	1.151896	0.06613	0.000139	0.027474	1.245638
703	490536.72	3860185.12	9.96004	14.3671	10.55257	19.09326	9.03E-01	0.06078	0.0002	0.04422	1.0078	1.14E+00	0.076713	0.000168	0.025816	1.24E+00	1.122991	0.065979	0.000137	0.027419	1.216526
704	490586.72	3860185.12	9.75269	14.27222	10.48491	19.08874	8.84E-01	0.06038	0.0002	0.04421	0.9886	1.12E+00	0.076207	0.000167	0.02581	1.22E+00	1.099612	0.065543	0.000136	0.027412	1.192704
705	490636.72	3860185.12	9.51792	14.18062	10.43568	18.95691	8.63E-01	0.05999	0.0002	0.04391	0.96663	1.09E+00	0.075718	0.000166	0.025632	1.19E+00	1.073142	0.065123	0.000135	0.027223	1.165623
706	490686.72	3860185.12	9.26433	14.17591	10.35043	18.70748	8.40E-01	0.05997	0.00019	0.04333	0.94305	1.06E+00	0.075693	0.000165	0.025295	1.16E+00	1.04455	0.065101	0.000134	0.026865	1.13665
707	490736.72	3860185.12	9.04354	14.09703	10.20734	18.60982	8.20E-01	0.05964	0.00019	0.0431	0.92248	1.03E+00	0.075271	0.000162	0.025162	1.13E+00	1.019656	0.064739	0.000132	0.026725	1.111252
708	490786.72	3860185.12	8.91167	13.97311	10.19155	18.37314	8.08E-01	0.05911	0.00019	0.04256	0.90945	1.02E+00	0.07461	0.000162	0.024842	1.12E+00	1.004788	0.06417	0.000132	0.026385	1.095475
709	490836.72	3860185.12	8.75913	13.78492	10.09578	18.00724	7.94E-01	0.05832	0.00019	0.04171	0.89399	1.00E+00	0.073605	0.00016	0.024348	1.10E+00	0.987589	0.063305	0.000131	0.025859	1.076885
710	490086.72	3860235.12	11.19826	15.30635	10.98701	21.12506	1.01E+00	0.06475	0.00021	0.04893	1.1287	1.28E+00	0.081729	0.000175	0.028563	1.39E+00	1.2626	0.070292	0.000143	0.030337	1.363372
711	490136.72	3860235.12	11.22314	15.31701	10.97181	21.22424	1.02E+00	0.0648	0.00021	0.04916	1.13123	1.28E+00	0.081786	0.000174	0.028697	1.39E+00	1.265405	0.070341	0.000142	0.030479	1.366368
712	490186.72	3860235.12	11.2897	15.24174	10.98353	21.14097	1.02E+00	0.06448	0.00021	0.04897	1.13675	1.29E+00	0.081384	0.000175	0.028585	1.40E+00	1.27291	0.069996	0.000143	0.03036	1.373408
713	490236.72	3860235.12	11.25636	15.09846	11.01627	20.96546	1.02E+00	0.06387	0.00021	0.04856	1.13272	1.29E+00	0.080619	0.000175	0.028348	1.40E+00	1.269151	0.069338	0.000143	0.030108	1.368739
714	490286.72	3860235.12	11.10152	15.01311	11.04491	20.79048	1.01E+00	0.06351	0.00021	0.04815	1.11792	1.27E+00	0.080163	0.000176	0.028111	1.38E+00	1.251693	0.068946	0.000143	0.029856	1.350638
715	490336.72	3860235.12	10.94653	14.80624	10.99732	20.55499	9.92E-01	0.06264	0.00021	0.04761	1.10245	1.25E+00	0.079058	0.000175	0.027793	1.36E+00	1.234218	0.067996	0.000143	0.029518	1.331874
716	490386.72	3860235.12	10.71377	14.49498	10.88685	20.06084	9.71E-01	0.06132	0.0002	0.04646	1.07889	1.23E+00	0.077396	0.000173	0.027124	1.33E+00	1.207974	0.066566	0.000141	0.028808	1.30349
717	490436.72	3860235.12	10.45972	14.34899	10.84315	19.42638	9.48E-01	0.0607	0.0002	0.045	1.05378	1.20E+00	0.076617	0.000172	0.026267	1.30E+00	1.17933	0.065896	0.000141	0.027897	1.273264
718	490486.72	3860235.12	10.29413	14.28005	10.71654	19.10187	9.33E-01	0.06041	0.0002	0.04424	1.03773	1.18E+00	0.076249	0.00017	0.025828	1.28E+00	1.16066	0.065579	0.000139	0.027431	1.253809
719	490536.72	3860235.12	10.1255	14.25181	10.59586	18.92389	9.18E-01	0.06029	0.0002	0.04383	1.02192	1.16E+00	0.076098	0.000168	0.025587	1.26E+00	1.141647	0.06545	0.000138	0.027176	1.23441
720	490586.72	3860235.12	9.88863	14.23795	10.47202	18.87772	8.96E-01	0.06023	0.0002	0.04372	1.00028	1.13E+00	0.076024	0.000166	0.025525	1.23E+00	1.11494	0.065386	0.000136	0.027109	1.207571
721	490636.72	3860235.12	9.67781	14.14562	10.39449	18.90152	8.77E-01	0.05984	0.00019	0.04378	0.98084	1.11E+00	0.075531	0.000165	0.025557	1.21E+00	1.09117	0.064962	0.000135	0.027144	1.18341
722	490686.72	3860235.12	9.4635	14.05232	10.34575	18.8057	8.58E-01	0.05945	0.00019	0.04356	0.9608	1.08E+00	0.075033	0.000164	0.025427	1.18E+00	1.067006	0.064533	0.000134	0.027006	1.15868
723	490736.72	3860235.12	9.20959	14.04906	10.25088	18.54032	8.35E-01	0.05943	0.00019	0.04294	0.93716	1.05E+00	0.075015	0.000163	0.025069	1.15E+00	1.038378	0.064519	0.000133	0.026625	1.129655
724	490786.72	3860235.12	8.96964	13.99069	10.09886	18.46315	8.13E-01	0.05919	0.00019	0.04276	0.91499	1.03E+00	0.074704	0.000161	0.024964	1.13E+00	1.011324	0.06425	0.000131	0.026514	1.102219
725	490086.72	3860285.12	11.10051	15.12872	10.92114	20.94076	1.01E+00	0.064	0.0002	0.0485	1.11866	1.27E+00	0.08078	0.000174	0.028314	1.38E+00	1.251579	0.069477	0.000142	0.030072	1.351269
726	490136.72	3860285.12	11.04421	15.15865	10.88874	20.88268	1.00E+00	0.06413	0.0002	0.04837	1.11355	1.26E+00	0.08094	0.000173	0.028236	1.37E+00	1.245231	0.069614	0.000141	0.029989	1.344975
727	490186.72	3860285.12	11.05971	15.15761	10.86683	20.98601	1.00E+00	0.06412	0.0002	0.04861	1.11519	1.26E+00	0.080934	0.000173	0.028375	1.37E+00	1.246979	0.069609	0.000141	0.030137	1.346866
728	490236.72	3860285.12	11.12495	15.08121	10.8711	20.90483	1.01E+00	0.0638	0.0002	0.04842	1.12059	1.27E+00	0.080526	0.000173	0.028266	1.38E+00	1.254334	0.069259	0.000141	0.03002	1.353754

729	490286.72	3860285.12	11.09618	14.93568	10.90278	20.7342	1.01E+00	0.06319	0.0002	0.04802	1.11697	1.27E+00	0.079749	0.000173	0.028035	1.38E+00	1.25109	0.06859	0.000142	0.029775	1.349598
730	490336.72	3860285.12	10.94614	14.85249	10.93013	20.56139	9.92E-01	0.06283	0.0002	0.04762	1.10262	1.25E+00	0.079305	0.000174	0.027801	1.36E+00	1.234174	0.068208	0.000142	0.029527	1.332051
731	490386.72	3860285.12	10.80386	14.66213	10.89528	20.34536	9.79E-01	0.06203	0.0002	0.04712	1.08842	1.24E+00	0.078289	0.000173	0.027509	1.34E+00	1.218132	0.067334	0.000141	0.029217	1.314824
732	490436.72	3860285.12	10.59444	14.35183	10.78304	19.87916	9.60E-01	0.06072	0.0002	0.04604	1.06705	1.21E+00	0.076632	0.000171	0.026879	1.32E+00	1.194519	0.065909	0.00014	0.028548	1.289116
733	490486.72	3860285.12	10.33934	14.20212	10.73835	19.24649	9.37E-01	0.06008	0.0002	0.04458	1.04183	1.18E+00	0.075833	0.000171	0.026023	1.28E+00	1.165757	0.065221	0.000139	0.027639	1.258757
734	490536.72	3860285.12	10.16431	14.13268	10.61927	18.9136	9.21E-01	0.05979	0.0002	0.04381	1.02491	1.16E+00	0.075462	0.000169	0.025573	1.26E+00	1.146022	0.064903	0.000138	0.027161	1.238224
735	490586.72	3860285.12	10.02163	14.09188	10.50129	18.71045	9.08E-01	0.05962	0.0002	0.04334	1.01133	1.15E+00	0.075244	0.000167	0.025299	1.25E+00	1.129935	0.064715	0.000136	0.026869	1.221656
736	490636.72	3860285.12	9.81112	14.09298	10.3789	18.67418	8.89E-01	0.05962	0.00019	0.04325	0.99217	1.12E+00	0.07525	0.000165	0.02525	1.22E+00	1.1062	0.06472	0.000135	0.026817	1.197872
737	490686.72	3860285.12	9.58895	14.01554	10.29201	18.70385	8.69E-01	0.05929	0.00019	0.04332	0.97178	1.10E+00	0.074836	0.000164	0.02529	1.20E+00	1.081151	0.064365	0.000134	0.02686	1.172509
738	490736.72	3860285.12	9.39306	13.93665	10.24519	18.64493	8.51E-01	0.05896	0.00019	0.04319	0.95355	1.07E+00	0.074415	0.000163	0.02521	1.17E+00	1.059064	0.064002	0.000133	0.026775	1.149975
739	490786.72	3860285.12	9.15802	13.92105	10.15219	18.40275	8.30E-01	0.05889	0.00019	0.04262	0.93163	1.05E+00	0.074332	0.000161	0.024883	1.15E+00	1.032564	0.063931	0.000132	0.026427	1.123053
740	490086.72	3860335.12	10.98225	14.91796	10.88247	20.71455	9.95E-01	0.06311	0.0002	0.04798	1.10653	1.26E+00	0.079655	0.000173	0.028008	1.36E+00	1.238245	0.068509	0.000141	0.029747	1.336642
741	490136.72	3860335.12	10.95731	14.98146	10.8266	20.67426	9.93E-01	0.06338	0.0002	0.04789	1.10444	1.25E+00	0.079994	0.000172	0.027954	1.36E+00	1.235433	0.0688	0.000141	0.029689	1.334063
742	490186.72	3860335.12	10.88829	15.00127	10.78338	20.64333	9.87E-01	0.06346	0.0002	0.04781	1.0982	1.25E+00	0.0801	0.000171	0.027912	1.35E+00	1.227651	0.068891	0.00014	0.029645	1.326327
743	490236.72	3860335.12	10.90852	15.00752	10.76697	20.74776	9.89E-01	0.06349	0.0002	0.04806	1.1003	1.25E+00	0.080133	0.000171	0.028053	1.36E+00	1.229932	0.06892	0.00014	0.029795	1.328787
744	490286.72	3860335.12	10.95854	14.91433	10.7535	20.67156	9.93E-01	0.0631	0.0002	0.04788	1.10426	1.25E+00	0.079635	0.000171	0.02795	1.36E+00	1.235572	0.068492	0.00014	0.029685	1.333889
745	490336.72	3860335.12	10.93931	14.77591	10.77697	20.50305	9.91E-01	0.06251	0.0002	0.04749	1.10154	1.25E+00	0.078896	0.000171	0.027722	1.36E+00	1.233403	0.067856	0.00014	0.029443	1.330843
746	490386.72	3860335.12	10.80233	14.69845	10.81884	20.33134	9.79E-01	0.06218	0.0002	0.04709	1.08841	1.24E+00	0.078483	0.000172	0.02749	1.34E+00	1.217959	0.067501	0.00014	0.029197	1.314797
747	490436.72	3860335.12	10.65831	14.512	10.78283	20.13496	9.66E-01	0.06139	0.0002	0.04664	1.07411	1.22E+00	0.077487	0.000171	0.027225	1.32E+00	1.201721	0.066644	0.00014	0.028915	1.29742
748	490486.72	3860335.12	10.47156	14.21062	10.67568	19.69466	9.49E-01	0.06012	0.0002	0.04562	1.05489	1.20E+00	0.075878	0.00017	0.026629	1.30E+00	1.180665	0.06526	0.000139	0.028283	1.274346
749	490536.72	3860335.12	10.22793	14.05513	10.6335	19.06258	9.27E-01	0.05946	0.0002	0.04415	1.03069	1.17E+00	0.075048	0.000169	0.025775	1.27E+00	1.153196	0.064546	0.000138	0.027375	1.245255
750	490586.72	3860335.12	10.04298	13.98433	10.51711	18.72942	9.10E-01	0.05916	0.0002	0.04338	1.01285	1.15E+00	0.07467	0.000167	0.025324	1.25E+00	1.132343	0.064221	0.000137	0.026896	1.223597
751	490636.72	3860335.12	9.91833	13.9386	10.41014	18.49101	8.99E-01	0.05897	0.00019	0.04283	1.00081	1.13E+00	0.074425	0.000165	0.025002	1.23E+00	1.118288	0.064011	0.000135	0.026554	1.208989
752	490686.72	3860335.12	9.73324	13.94977	10.28895	18.47145	8.82E-01	0.05901	0.00019	0.04278	0.98404	1.11E+00	0.074485	0.000164	0.024975	1.21E+00	1.097419	0.064063	0.000134	0.026526	1.188142
753	490736.72	3860335.12	9.49284	13.88119	10.18542	18.49723	8.60E-01	0.05872	0.00019	0.04284	0.96202	1.09E+00	0.074119	0.000162	0.02501	1.19E+00	1.070314	0.063748	0.000132	0.026563	1.160757
754	490786.72	3860335.12	9.31924	13.83073	10.14302	18.47166	8.45E-01	0.05851	0.00019	0.04278	0.94601	1.07E+00	0.073849	0.000161	0.024976	1.16E+00	1.050741	0.063516	0.000132	0.026526	1.140915
755	490086.72	3860385.12	10.77921	14.73634	10.78787	20.27317	9.77E-01	0.06234	0.0002	0.04696	1.08634	1.23E+00	0.078685	0.000171	0.027412	1.34E+00	1.215352	0.067675	0.00014	0.029113	1.31228
756	490136.72	3860385.12	10.8457	14.77456	10.78675	20.47941	9.83E-01	0.0625	0.0002	0.04743	1.093	1.24E+00	0.078889	0.000171	0.02769	1.35E+00	1.222849	0.06785	0.00014	0.02941	1.320249
757	490186.72	3860385.12	10.80599	14.81813	10.72099	20.40727	9.79E-01	0.06269	0.0002	0.04727	1.08942	1.24E+00	0.079122	0.00017	0.027593	1.34E+00	1.218372	0.06805	0.000139	0.029306	1.315867
758	490236.72	3860385.12	10.73363	14.84749	10.67543	20.4056	9.73E-01	0.06281	0.0002	0.04726	1.08298	1.23E+00	0.079278	0.00017	0.027591	1.33E+00	1.210213	0.068185	0.000139	0.029304	1.30784
759	490286.72	3860385.12	10.7413	14.835	10.64379	20.51512	9.73E-01	0.06276	0.0002	0.04752	1.08387	1.23E+00	0.079212	0.000169	0.027739	1.34E+00	1.211078	0.068128	0.000138	0.029461	1.308805
760	490336.72	3860385.12	10.79391	14.74785	10.62118	20.43981	9.78E-01	0.06239	0.0002	0.04734	1.0881	1.23E+00	0.078746	0.000169	0.027637	1.34E+00	1.21701	0.067728	0.000138	0.029353	1.314228
761	490386.72	3860385.12	10.7852	14.61776	10.66178	20.27285	9.77E-01	0.06184	0.0002	0.04696	1.08637	1.23E+00	0.078052	0.000169	0.027411	1.34E+00	1.216028	0.06713	0.000138	0.029113	1.312409
762	490436.72	3860385.12	10.66206	14.54085	10.70451	20.10203	9.66E-01	0.06152	0.0002	0.04656	1.07449	1.22E+00	0.077641	0.00017	0.02718	1.32E+00	1.202144	0.066777	0.000139	0.028868	1.297927
763	490486.72	3860385.12	10.51766	14.36938	10.66877	19.92331	9.53E-01	0.06079	0.0002	0.04615	1.06027	1.20E+00	0.076726	0.00017	0.026938	1.31E+00	1.185863	0.06599	0.000138	0.028611	1.280602
764	490536.72	3860385.12	10.35397	14.0845	10.57327	19.50891	9.38E-01	0.05958	0.0002	0.04519	1.04327	1.18E+00	0.075204	0.000168	0.026378	1.29E+00	1.167407	0.064681	0.000137	0.028016	1.260241
765	490586.72	3860385.12	10.12259	13.90539	10.52564	18.87593	9.17E-01	0.05883	0.0002	0.04372	1.02007	1.16E+00	0.074248	0.000167	0.025522	1.26E+00	1.141319	0.063859	0.000137	0.027107	1.232421
766	490636.72	3860385.12	9.93861	13.833	10.41715	18.54265	9.01E-01	0.05852	0.0002	0.04295	1.00232	1.14E+00	0.073862	0.000166	0.025072	1.24E+00	1.120575	0.063526	0.000135	0.026628	1.210865
767	490686.72	3860385.12	9.80553	13.78595	10.31918	18.2689	8.89E-01	0.05832	0.00019	0.04231	0.98943	1.12E+00	0.07361	0.000164	0.024702	1.22E+00	1.10557	0.06331	0.000134	0.026235	1.195249
768	490736.72	3860385.12	9.64257	13.79054	10.19089	18.26304	8.74E-01	0.05834	0.00019	0.0423	0.97466	1.10E+00	0.073635	0.000162	0.024694	1.20E+00	1.087196	0.063331	0.000132	0.026227	1.176887
769	490786.72	3860385.12	9.421	13.74332	10.07299	18.2927	8.54E-01	0.05814	0.00019	0.04237	0.95445	1.08E+00	0.073383	0.00016	0.024734	1.18E+00	1.062215	0.063114	0.000131	0.026269	1.151729
770	490136.72	3860435.12	10.64245	14.58718	10.68273	20.05889	9.64E-01	0.06171	0.0002	0.04646	1.07281	1.22E+00	0.077889	0.00017	0.027122	1.32E+00	1.199933	0.06699	0.000139	0.028806	1.295867
771	490186.72	3860435.12	10.70245	14.60708	10.67963	20.24735	9.70E-01	0.0618	0.0002	0.0469	1.07877	1.22E+00	0.077995	0.00017	0.027377	1.33E+00	1.206698	0.067081	0.000139	0.029076	1.302994
772	490236.72	3860435.12	10.66361	14.66565	10.61893	20.17463	9.66E-01	0.06204	0.0002	0.04673	1.07533	1.22E+00	0.078308	0.000169	0.027278	1.33E+00	1.202318	0.06735	0.000138	0.028972	1.298778
773	490286.72	3860435.12	10.57565	14.68534	10.55225	20.17714	9.58E-01	0.06213	0.0002	0.04673	1.06745	1.21E+00	0.078413	0.000168	0.027282	1.32E+00	1.192401	0.067441	0.000137	0.028975	1.288954
774	490336.72	3860435.12	10.58361	14.66491	10.50352	20.28296	9.59E-01	0.06204	0.0002	0.04698	1.06832	1.21E+00	0.078304	0.000167	0.027425	1.32E+00	1.193298	0.067347	0.000136	0.029127	1.289909
775	490386.72	3860435.12	10.63351	14.58239	10.48827	20.20904	9.64E-01	0.06169	0.0002	0.04681	1.07233	1.22E+00	0.077863	0.000167	0.027325	1.32E+00	1.198925	0.066968	0.000136	0.029021	1.29505
776	490436.72	3860435.12	10.63309	14.4596	10.54664	20.04377	9.64E-01	0.06117	0.0002	0.04643	1.07139	1.22E+00	0.077207	0.000168	0.027101	1.32E+00	1.198877	0.066404	0.000137	0.028784	1.294202
777	490486.72	3860435.12	10.51905	14.3855	10.58538	19.88372	9.53E-01	0.06086	0.0002	0.04605	1.06037	1.20E+00	0.076812	0.000168	0.026885	1.31E+00	1.186019	0.066064	0.000137	0.028554	1.280774
778	490536.72	3860435.12	10.3794	14.22379	10.55184	19.71192	9.41E-01	0.06017	0.0002	0.04566	1.04663	1.19E+00	0.075948	0.000168	0.026653	1.29E+00	1.170274	0.065321	0.000137	0.028307	1.264039
779	490586.72	3860435.12	10.229	13.94094	10.46334	19.30923	9.27E-01	0.05898	0.0002	0.04472	1.03087	1.17E+00	0.074438	0.000166	0.026108	1.27E+00	1.153316	0.064022	0.000136	0.027729	1.245203
780	490636.72	3860435.12	10.00982	13.74729	10.39983	18.68679	9.07E-01	0.05816	0.00019	0.04328	1.00875	1.14E+00	0.073404	0.000165	0.025267	1.24E+00	1.128604	0.063133	0.000135	0.026835	1.218707
781	490686.72	3860435.12	9.82888	13.67893	10.31287	18.35196	8.91E-01	0.05787	0.00019	0.04251	0.99128	1.12E+00	0.073039	0.000164	0.024814	1.22E+00	1.108203	0.062819	0.000134	0.026354	1.19751
782	490736.72	3860435.12	9.68304	13.62743	10.22696	18.05965	8.77E-01	0.05765	0.00019	0.04183	0.97717	1.11E+00	0.072764	0.000163	0.024419	1.20E+00	1.091759	0.062582	0.000133	0.025935	1.180409
783	490786.72	3860435.12	9.54184	13.6343	10.08781	18.05025	8.65E-01	0.05768	0.00019	0.04181	0.96438	1.09E+00	0.072801	0.00016	0.024406	1.19E+00	1.075839	0.062614	0.000131	0.025921	1.164505
784	490136.72	3860485.12	10.41849	14.33114	10.56194	19.45575	9.44E-01	0.06063	0.0002	0.04506	1.05003	1.19E+00	0.076521	0.000168	0.026306	1.29E+00	1.174681	0.065814	0.000137	0.027939	1.268572
785	490186.72	3860485.12	10.5178	14.44624	10.58169	19.84448	9.53E-01	0.06111	0.0002	0.04596	1.06042	1.20E+00	0.077136	0.000168	0.026832	1.31E+00	1.185878	0.066342	0.000137	0.028498	1.280856
786	490236.72	3860485.12	10.56013	14.43071	10.57662	20.00391	9.57E-01	0.06105	0.0002	0.04633	1.06456	1.21E+00	0.077053	0.000168	0.027047	1.31E+00	1.190651	0.066271	0.000137	0.028727	1.285786
787	490286.72	3860485.12	10.51899	14.5069	10.51654	19.94415	9.53E-01	0.06137	0.0002	0.04619	1.06102	1.20E+00	0.07746	0.000167	0.026967	1.31E+00	1.186013	0.066621	0.000137	0.028641	1.281411
788	490336.72	3860485.12	10.41995	14.52094	10.42077	19.95093	9.44E-01	0.06143	0.0002	0.04621	1.05211	1.19E+00	0.077535	0.000166	0.026976	1.30E+00	1.174846	0.066686	0.000135	0.028651	1.270317
789	490386.72	3860485.12	10.43812	14.51082	10.37341	20.0513	9.46E-01	0.06139	0.00019	0.04644	1.05395	1.19E+00	0.077481	0.000165	0.027112	1.30E+00	1.176894	0.066639	0.000135	0.028795	1.272463

790	490436.72	3860485.12	10.49489	14.44126	10.37195	19.97963	9.51E-01	0.06109	0.00019	0.04628	1.05863	1.20E+00	0.077109	0.000165	0.027015	1.30E+00	1.183295	0.06632	0.000135	0.028692	1.278441
791	490486.72	3860485.12	10.49141	14.31386	10.43763	19.81578	9.51E-01	0.06055	0.0002	0.0459	1.0574	1.20E+00	0.076429	0.000166	0.026793	1.30E+00	1.182903	0.065735	0.000135	0.028457	1.277229
792	490536.72	3860485.12	10.37296	14.23369	10.46104	19.66771	9.40E-01	0.06022	0.0002	0.04555	1.04599	1.19E+00	0.076001	0.000166	0.026593	1.29E+00	1.169548	0.065366	0.000136	0.028244	1.263294
793	490586.72	3860485.12	10.24361	14.07263	10.42976	19.49942	9.28E-01	0.05953	0.0002	0.04516	1.03319	1.17E+00	0.075141	0.000166	0.026365	1.27E+00	1.154964	0.064627	0.000135	0.028002	1.247728
794	490636.72	3860485.12	10.09938	13.79595	10.34803	19.10145	9.15E-01	0.05836	0.00019	0.04424	1.01803	1.16E+00	0.073664	0.000164	0.025827	1.25E+00	1.138702	0.063356	0.000134	0.027431	1.229623
795	490686.72	3860485.12	9.89869	13.59497	10.27727	18.49696	8.97E-01	0.05751	0.00019	0.04284	0.99759	1.13E+00	0.072591	0.000163	0.02501	1.23E+00	1.116074	0.062433	0.000133	0.026563	1.205203
796	490736.72	3860485.12	9.71688	13.52503	10.20734	18.1592	8.81E-01	0.05722	0.00019	0.04206	0.98003	1.11E+00	0.072217	0.000162	0.024553	1.21E+00	1.095575	0.062112	0.000132	0.026078	1.183897
797	490786.72	3860485.12	9.57046	13.48133	10.12194	17.86927	8.67E-01	0.05703	0.00019	0.04139	0.96591	1.09E+00	0.071984	0.000161	0.024161	1.19E+00	1.079066	0.061911	0.000131	0.025661	1.16677
798	490136.72	3860535.12	10.1528	13.98236	10.37417	18.72472	9.20E-01	0.05915	0.00019	0.04337	1.02278	1.16E+00	0.074659	0.000165	0.025318	1.26E+00	1.144725	0.064212	0.000135	0.02689	1.235961
799	490186.72	3860535.12	10.31519	14.2205	10.47078	19.26175	9.35E-01	0.06016	0.0002	0.04461	1.03975	1.18E+00	0.075931	0.000166	0.026044	1.28E+00	1.163034	0.065306	0.000136	0.027661	1.256137
800	490236.72	3860535.12	10.3852	14.29079	10.48163	19.63053	9.41E-01	0.06046	0.0002	0.04547	1.04725	1.19E+00	0.076306	0.000167	0.026543	1.29E+00	1.170928	0.065629	0.000136	0.02819	1.264883
801	490286.72	3860535.12	10.42019	14.27517	10.47355	19.7454	9.44E-01	0.06039	0.0002	0.04573	1.05062	1.19E+00	0.076223	0.000166	0.026698	1.29E+00	1.174873	0.065557	0.000136	0.028355	1.268921
802	490336.72	3860535.12	10.3738	14.34453	10.40096	19.71501	9.40E-01	0.06068	0.00019	0.04566	1.04664	1.19E+00	0.076593	0.000165	0.026657	1.29E+00	1.169642	0.065875	0.000135	0.028312	1.263965
803	490386.72	3860535.12	10.2767	14.37907	10.30013	19.72564	9.31E-01	0.06083	0.00019	0.04569	1.03801	1.18E+00	0.076777	0.000164	0.026671	1.28E+00	1.158694	0.066034	0.000134	0.028327	1.253189
804	490436.72	3860535.12	10.30533	14.37411	10.24693	19.82255	9.34E-01	0.06081	0.00019	0.04591	1.04081	1.18E+00	0.076751	0.000163	0.026802	1.28E+00	1.161922	0.066011	0.000133	0.028466	1.256533
805	490486.72	3860535.12	10.3558	14.29697	10.25167	19.75353	9.38E-01	0.06048	0.00019	0.04575	1.04489	1.18E+00	0.076339	0.000163	0.026709	1.29E+00	1.167613	0.065657	0.000133	0.028367	1.26177
806	490536.72	3860535.12	10.37274	14.21323	10.34306	19.59132	9.40E-01	0.06013	0.00019	0.04538	1.0457	1.19E+00	0.075892	0.000164	0.02649	1.29E+00	1.169523	0.065272	0.000134	0.028134	1.263064
807	490586.72	3860535.12	10.23067	14.08972	10.33851	19.44846	9.27E-01	0.05961	0.00019	0.04505	1.03197	1.17E+00	0.075232	0.000164	0.026296	1.27E+00	1.153505	0.064705	0.000134	0.027929	1.246273
808	490636.72	3860535.12	10.10773	13.93624	10.30938	19.28874	9.16E-01	0.05896	0.00019	0.04468	1.01981	1.16E+00	0.074413	0.000164	0.02608	1.26E+00	1.139643	0.064	0.000134	0.0277	1.231477
809	490686.72	3860535.12	9.96659	13.65455	10.22884	18.895	9.03E-01	0.05777	0.00019	0.04376	1.00491	1.14E+00	0.072909	0.000163	0.025548	1.24E+00	1.12373	0.062707	0.000133	0.027134	1.213703
810	490736.72	3860535.12	9.78079	13.44531	10.15795	18.3072	8.86E-01	0.05688	0.00019	0.0424	0.98583	1.12E+00	0.071792	0.000161	0.024753	1.22E+00	1.102781	0.061746	0.000132	0.02629	1.190949
811	490786.72	3860535.12	9.59366	13.37702	10.09572	17.96475	8.69E-01	0.05659	0.00019	0.04161	0.96779	1.10E+00	0.071427	0.00016	0.02429	1.19E+00	1.081682	0.061432	0.000131	0.025798	1.169043
812	490136.72	3860585.12	9.88542	13.5884	10.11812	18.31958	8.96E-01	0.05749	0.00019	0.04243	0.99594	1.13E+00	0.072556	0.000161	0.02477	1.23E+00	1.114578	0.062403	0.000131	0.026308	1.20342
813	490186.72	3860585.12	10.00587	13.80868	10.235	18.54047	9.07E-01	0.05842	0.00019	0.04294	1.00831	1.14E+00	0.073732	0.000163	0.025069	1.24E+00	1.128158	0.063415	0.000133	0.026625	1.218331
814	490236.72	3860585.12	10.15947	14.02517	10.3403	19.0684	9.21E-01	0.05933	0.00019	0.04417	1.02437	1.16E+00	0.074888	0.000164	0.025783	1.26E+00	1.145477	0.064409	0.000134	0.027383	1.237403
815	490286.72	3860585.12	10.25112	14.13148	10.3784	19.41736	9.29E-01	0.05978	0.00019	0.04497	1.03393	1.17E+00	0.075455	0.000165	0.026254	1.27E+00	1.15581	0.064897	0.000135	0.027884	1.248726
816	490336.72	3860585.12	10.28621	14.12822	10.37394	19.49081	9.32E-01	0.05977	0.00019	0.04514	1.03727	1.18E+00	0.075438	0.000165	0.026354	1.28E+00	1.159767	0.064882	0.000135	0.02799	1.252773
817	490386.72	3860585.12	10.23372	14.18717	10.29618	19.4879	9.27E-01	0.06002	0.00019	0.04514	1.03275	1.17E+00	0.075753	0.000164	0.02635	1.27E+00	1.153848	0.065153	0.000134	0.027986	1.24712
818	490436.72	3860585.12	10.14512	14.2562	10.20126	19.50346	9.19E-01	0.06031	0.00019	0.04517	1.02505	1.16E+00	0.076121	0.000162	0.026371	1.26E+00	1.143859	0.06547	0.000132	0.028008	1.237469
819	490486.72	3860585.12	10.20062	14.27954	10.15672	19.59807	9.24E-01	0.06041	0.00019	0.04539	1.03039	1.17E+00	0.076246	0.000161	0.026499	1.27E+00	1.150116	0.065577	0.000132	0.028144	1.243969
820	490536.72	3860585.12	10.23142	14.18549	10.14056	19.5321	9.27E-01	0.06001	0.00019	0.04524	1.03263	1.17E+00	0.075744	0.000161	0.02641	1.27E+00	1.153589	0.065145	0.000132	0.028049	1.246915
821	490586.72	3860585.12	10.15492	13.99945	10.17753	19.36431	9.20E-01	0.05922	0.00019	0.04485	1.02453	1.16E+00	0.07475	0.000162	0.026183	1.26E+00	1.144964	0.064291	0.000132	0.027808	1.237195
822	490636.72	3860585.12	10.0697	13.93195	10.20136	19.21294	9.13E-01	0.05894	0.00019	0.0445	1.01617	1.15E+00	0.07439	0.000162	0.025978	1.25E+00	1.135355	0.063981	0.000132	0.027591	1.227059
823	490686.72	3860585.12	9.95332	13.7939	10.1808	19.07775	9.02E-01	0.05836	0.00019	0.04419	1.00472	1.14E+00	0.073653	0.000162	0.025795	1.24E+00	1.122233	0.063347	0.000132	0.027397	1.213109
824	490736.72	3860585.12	9.8241	13.50896	10.09973	18.68783	8.90E-01	0.05715	0.00019	0.04328	0.9909	1.12E+00	0.072131	0.000161	0.025268	1.22E+00	1.107664	0.062038	0.000131	0.026837	1.19667
825	490786.72	3860585.12	9.65144	13.29283	10.03189	18.10631	8.75E-01	0.05624	0.00019	0.04194	0.97299	1.10E+00	0.070977	0.000159	0.024482	1.20E+00	1.088197	0.061046	0.00013	0.026002	1.175374
826	490136.72	3860635.12	9.60526	13.21563	9.91182	18.07071	8.70E-01	0.05591	0.00019	0.04186	0.9684	1.10E+00	0.070565	0.000158	0.024434	1.19E+00	1.08299	0.060691	0.000129	0.02595	1.16976
827	490186.72	3860635.12	9.77899	13.47419	10.01574	18.0771	8.86E-01	0.057	0.00019	0.04187	0.98525	1.12E+00	0.071946	0.000159	0.024442	1.22E+00	1.102578	0.061878	0.00013	0.02596	1.190546
828	490236.72	3860635.12	9.90543	13.70431	10.14549	18.36104	8.98E-01	0.05798	0.00019	0.04253	0.99834	1.13E+00	0.073174	0.000161	0.024826	1.23E+00	1.116834	0.062935	0.000132	0.026367	1.206268
829	490286.72	3860635.12	10.03721	13.88186	10.24088	18.87504	9.10E-01	0.05873	0.00019	0.04372	1.01223	1.15E+00	0.074122	0.000163	0.025521	1.25E+00	1.131692	0.063751	0.000133	0.027106	1.222681
830	490336.72	3860635.12	10.1188	13.96357	10.27517	19.19032	9.17E-01	0.05907	0.00019	0.04445	1.0207	1.16E+00	0.074559	0.000163	0.025947	1.26E+00	1.140891	0.064126	0.000133	0.027558	1.232709
831	490386.72	3860635.12	10.14432	13.98088	10.26413	19.23945	9.19E-01	0.05915	0.00019	0.04456	1.0232	1.16E+00	0.074651	0.000163	0.026014	1.26E+00	1.143769	0.064205	0.000133	0.027629	1.235736
832	490436.72	3860635.12	10.07692	14.0336	10.17468	19.24474	9.13E-01	0.05937	0.00019	0.04457	1.01733	1.15E+00	0.074933	0.000162	0.026021	1.25E+00	1.136169	0.064448	0.000132	0.027636	1.228385
833	490486.72	3860635.12	9.95701	14.06577	10.04679	19.28065	9.02E-01	0.05951	0.00019	0.04466	1.00668	1.14E+00	0.075104	0.00016	0.02607	1.24E+00	1.122649	0.064595	0.00013	0.027688	1.215063
834	490536.72	3860635.12	10.02708	14.07458	9.99919	19.37104	9.09E-01	0.05954	0.00019	0.04487	1.01327	1.15E+00	0.075152	0.000159	0.026192	1.25E+00	1.13055	0.064636	0.00013	0.027818	1.223133
835	490586.72	3860635.12	10.04763	13.97425	9.97843	19.30556	9.11E-01	0.05912	0.00019	0.04472	1.01456	1.15E+00	0.074616	0.000159	0.026103	1.25E+00	1.132867	0.064175	0.00013	0.027724	1.224895
836	490636.72	3860635.12	10.01276	13.86325	10.06461	19.14438	9.07E-01	0.05865	0.00019	0.04434	1.01056	1.15E+00	0.074023	0.00016	0.025885	1.25E+00	1.128935	0.063665	0.000131	0.027492	1.220223
837	490686.72	3860635.12	9.92473	13.79187	10.09069	18.98498	8.99E-01	0.05835	0.00019	0.04397	1.00191	1.14E+00	0.073642	0.00016	0.02567	1.23E+00	1.11901	0.063337	0.000131	0.027263	1.209742
838	490736.72	3860635.12	9.79912	13.64053	10.05096	18.85461	8.88E-01	0.05771	0.00019	0.04367	0.98958	1.12E+00	0.072834	0.00016	0.025493	1.22E+00	1.104847	0.062642	0.00013	0.027076	1.194696
839	490786.72	3860635.12	9.67665	13.36232	9.96526	18.4812	8.77E-01	0.05653	0.00019	0.04281	0.97644	1.11E+00	0.071348	0.000158	0.024989	1.20E+00	1.091039	0.061365	0.000129	0.02654	1.179073
840	490136.72	3860685.12	9.46255	12.88504	9.70037	17.80537	8.58E-01	0.05451	0.00018	0.04124	0.95345	1.08E+00	0.0688	0.000154	0.024075	1.18E+00	1.066899	0.059173	0.000126	0.025569	1.151768
841	490186.72	3860685.12	9.52107	13.12304	9.8285	17.82897	8.63E-01	0.05552	0.00018	0.0413	0.95982	1.09E+00	0.070071	0.000156	0.024107	1.18E+00	1.073497	0.060266	0.000128	0.025603	1.159494
842	490236.72	3860685.12	9.67978	13.3702	9.91653	17.83988	8.77E-01	0.05656	0.00019	0.04132	0.97527	1.11E+00	0.07139	0.000158	0.024121	1.20E+00	1.091392	0.061401	0.000129	0.025619	1.178541
843	490286.72	3860685.12	9.77374	13.552	10.01751	18.186	8.86E-01	0.05733	0.00019	0.04212	0.98536	1.12E+00	0.072361	0.000159	0.024589	1.22E+00	1.101986	0.062236	0.00013	0.026116	1.190468
844	490336.72	3860685.12	9.91852	13.74883	10.14345	18.68234	8.99E-01	0.05816	0.00019	0.04327	1.00046	1.13E+00	0.073412	0.000161	0.025261	1.23E+00	1.11831	0.06314	0.000132	0.026829	1.20841
845	490386.72	3860685.12	9.98549	13.80045	10.16866	18.95431	9.05E-01	0.05838	0.00019	0.0439	1.00738	1.14E+00	0.073688	0.000162	0.025628	1.24E+00	1.125861	0.063377	0.000132	0.027219	1.216589
846	490436.72	3860685.12	9.98962	13.82211	10.13978	18.98779	9.05E-01	0.05847	0.00019	0.04398	1.00792	1.14E+00	0.073803	0.000161	0.025674	1.24E+00	1.126326	0.063476	0.000132	0.027267	1.217202
847	490486.72	3860685.12	9.89816	13.85971	10.02947	18.99348	8.97E-01	0.05863	0.00019	0.04399	0.99981	1.13E+00	0.074004	0.000159	0.025681	1.23E+00	1.116014	0.063649	0.00013	0.027276	1.207069
848	490536.72	3860685.12	9.80117	13.89577	9.90816	19.05825	8.88E-01	0.05879	0.00019	0.04414	0.99132	1.12E+00	0.074197	0.000157	0.025769	1.22E+00	1.105079	0.063815	0.000129	0.027369	1.19639
849	490586.72	3860685.12	9.86625	13.88939	9.86591	19.11595	8.94E-01	0.05876	0.00018	0.04428	0.99732	1.13E+00	0.074163	0.000157	0.025847	1.23E+00	1.112416	0.063785	0.000128	0.027452	1.203781
850	490636.72	3860685.12	9.91272	13.81177	9.86172	19.06722	8.98E-01	0.05843	0.00018	0.04416	1.00109	1.13E+00	0.073748	0.000157	0.025781	1.23E+00	1.117656	0.063429	0.000128	0.027382	1.208594

851	490686.72	3860685.12	9.87745	13.71828	9.95006	18.9167	8.95E-01	0.05804	0.00019	0.04381	0.99715	1.13E+00	0.073249	0.000158	0.025577	1.23E+00	1.113679	0.062999	0.000129	0.027165	1.203973
852	490736.72	3860685.12	9.77982	13.65031	9.97823	18.75876	8.86E-01	0.05775	0.00019	0.04345	0.98765	1.12E+00	0.072886	0.000159	0.025364	1.22E+00	1.102671	0.062687	0.00013	0.026939	1.192427
853	490786.72	3860685.12	9.67962	13.52502	9.95329	18.64214	8.77E-01	0.05722	0.00019	0.04318	0.97777	1.11E+00	0.072217	0.000158	0.025206	1.20E+00	1.091374	0.062112	0.000129	0.026771	1.180386
854	490136.72	3860735.12	9.34681	12.45169	9.61741	17.38352	8.47E-01	0.05268	0.00018	0.04026	0.94015	1.07E+00	0.066486	0.000153	0.023504	1.16E+00	1.05385	0.057183	0.000125	0.024964	1.136121
855	490186.72	3860735.12	9.22798	12.61815	9.49084	17.5239	8.36E-01	0.05338	0.00018	0.04059	0.93041	1.06E+00	0.067375	0.000151	0.023694	1.15E+00	1.040452	0.057947	0.000123	0.025165	1.123687
856	490236.72	3860735.12	9.31675	12.8299	9.59186	17.54375	8.44E-01	0.05428	0.00018	0.04063	0.93939	1.07E+00	0.068506	0.000152	0.023721	1.16E+00	1.05046	0.05892	0.000125	0.025194	1.134698
857	490286.72	3860735.12	9.51725	13.16978	9.74201	17.56482	8.62E-01	0.05571	0.00018	0.04068	0.95905	1.09E+00	0.07032	0.000155	0.02375	1.18E+00	1.073067	0.060481	0.000126	0.025224	1.158898
858	490336.72	3860735.12	9.65873	13.42359	9.91047	18.01388	8.75E-01	0.05679	0.00019	0.04172	0.97399	1.10E+00	0.071676	0.000158	0.024357	1.20E+00	1.089019	0.061646	0.000129	0.025869	1.176662
859	490386.72	3860735.12	9.78368	13.60167	10.02893	18.48859	8.87E-01	0.05754	0.00019	0.04282	0.98717	1.12E+00	0.072626	0.000159	0.024999	1.22E+00	1.103107	0.062464	0.00013	0.026551	1.192251
860	490436.72	3860735.12	9.87235	13.66912	10.07998	18.72984	8.95E-01	0.05783	0.00019	0.04338	0.99605	1.13E+00	0.072987	0.00016	0.025325	1.23E+00	1.113104	0.062774	0.000131	0.026897	1.202906
861	490486.72	3860735.12	9.8556	13.69742	10.0328	18.75103	8.93E-01	0.05795	0.00019	0.04343	0.9947	1.13E+00	0.073138	0.000159	0.025353	1.23E+00	1.111216	0.062904	0.00013	0.026927	1.201177
862	490536.72	3860735.12	9.72719	13.70056	9.88906	18.7494	8.81E-01	0.05796	0.00019	0.04343	0.98307	1.11E+00	0.073154	0.000157	0.025351	1.21E+00	1.096737	0.062918	0.000128	0.026925	1.186709
863	490586.72	3860735.12	9.64831	13.72778	9.77124	18.83573	8.74E-01	0.05808	0.00018	0.04363	0.97624	1.10E+00	0.0733	0.000155	0.025468	1.20E+00	1.087844	0.063043	0.000127	0.027049	1.178063
864	490636.72	3860735.12	9.71761	13.72133	9.74369	18.86646	8.81E-01	0.05805	0.00018	0.0437	0.98256	1.11E+00	0.073265	0.000155	0.02551	1.21E+00	1.095657	0.063013	0.000126	0.027093	1.18589
865	490686.72	3860735.12	9.77602	13.6417	9.74632	18.82587	8.86E-01	0.05771	0.00018	0.0436	0.98742	1.12E+00	0.07284	0.000155	0.025455	1.22E+00	1.102243	0.062648	0.000127	0.027035	1.192052
866	490736.72	3860735.12	9.75281	13.56326	9.83913	18.68163	8.84E-01	0.05738	0.00018	0.04327	0.98465	1.12E+00	0.072421	0.000156	0.02526	1.21E+00	1.099626	0.062288	0.000128	0.026828	1.188869
867	490136.72	3860785.12	9.21356	12.08282	9.61565	16.89447	8.35E-01	0.05112	0.00018	0.03913	0.92538	1.05E+00	0.064516	0.000153	0.022843	1.14E+00	1.038826	0.055489	0.000125	0.024261	1.118701
868	490186.72	3860785.12	9.15673	12.27204	9.44575	17.11631	8.30E-01	0.05192	0.00018	0.03964	0.92154	1.05E+00	0.065527	0.00015	0.023143	1.14E+00	1.032418	0.056358	0.000123	0.02458	1.113478
869	490236.72	3860785.12	9.05733	12.43884	9.33724	17.27753	8.21E-01	0.05262	0.00017	0.04002	0.91361	1.04E+00	0.066417	0.000148	0.023361	1.13E+00	1.021211	0.057124	0.000121	0.024811	1.103267
870	490286.72	3860785.12	9.19835	12.70493	9.46242	17.31615	8.34E-01	0.05375	0.00018	0.04011	0.92761	1.05E+00	0.067838	0.00015	0.023413	1.14E+00	1.037111	0.058346	0.000123	0.024867	1.120446
871	490336.72	3860785.12	9.38112	13.02677	9.60753	17.34285	8.50E-01	0.05511	0.00018	0.04017	0.9456	1.07E+00	0.069557	0.000153	0.023449	1.17E+00	1.057718	0.059824	0.000125	0.024905	1.142572
872	490386.72	3860785.12	9.53257	13.29567	9.7992	17.84219	8.64E-01	0.05625	0.00018	0.04133	0.96162	1.09E+00	0.070993	0.000156	0.024125	1.19E+00	1.074794	0.061059	0.000127	0.025622	1.161602
873	490436.72	3860785.12	9.64006	13.43236	9.90449	18.26989	8.74E-01	0.05683	0.00019	0.04232	0.97293	1.10E+00	0.071722	0.000157	0.024703	1.20E+00	1.086913	0.061686	0.000129	0.026237	1.174965
874	490486.72	3860785.12	9.70632	13.47257	9.93809	18.48941	8.80E-01	0.057	0.00019	0.04282	0.97961	1.11E+00	0.071937	0.000158	0.025	1.21E+00	1.094384	0.061871	0.000129	0.026552	1.182936
875	490536.72	3860785.12	9.68108	13.53046	9.88472	18.50254	8.77E-01	0.05724	0.00019	0.04286	0.9776	1.11E+00	0.072246	0.000157	0.025017	1.20E+00	1.091538	0.062137	0.000128	0.026571	1.180374
876	490586.72	3860785.12	9.55118	13.5211	9.74184	18.48427	8.66E-01	0.0572	0.00018	0.04281	0.96574	1.09E+00	0.072196	0.000155	0.024993	1.19E+00	1.076892	0.062094	0.000126	0.026544	1.165657
877	490636.72	3860785.12	9.48715	13.5466	9.63667	18.59061	8.60E-01	0.05731	0.00018	0.04306	0.96029	1.09E+00	0.072332	0.000153	0.025137	1.18E+00	1.069673	0.062211	0.000125	0.026697	1.158706
878	490686.72	3860785.12	9.57801	13.56059	9.62915	18.63935	8.68E-01	0.05737	0.00018	0.04317	0.9687	1.10E+00	0.072407	0.000153	0.025202	1.19E+00	1.079917	0.062275	0.000125	0.026767	1.169085
879	490736.72	3860785.12	9.64112	13.46651	9.63472	18.57827	8.74E-01	0.05697	0.00018	0.04303	0.97388	1.10E+00	0.071905	0.000153	0.02512	1.20E+00	1.087033	0.061843	0.000125	0.026679	1.175681
880	490086.72	3860835.12	8.96032	12.19529	9.75777	16.81862	8.12E-01	0.05159	0.00018	0.03896	0.90273	1.02E+00	0.065117	0.000155	0.022741	1.11E+00	1.010273	0.056005	0.000127	0.024152	1.090557
881	490136.72	3860835.12	9.06788	11.88067	9.66301	16.63706	8.22E-01	0.05026	0.00018	0.03853	0.91073	1.04E+00	0.063437	0.000154	0.022495	1.12E+00	1.0224	0.05456	0.000125	0.023892	1.100978
882	490186.72	3860835.12	9.0642	11.91696	9.47844	16.67512	8.21E-01	0.05041	0.00018	0.03862	0.91063	1.04E+00	0.063631	0.000151	0.022547	1.12E+00	1.021985	0.054727	0.000123	0.023946	1.100782
883	490236.72	3860835.12	9.00712	12.12448	9.29959	16.89556	8.16E-01	0.05129	0.00017	0.03913	0.90684	1.03E+00	0.064739	0.000148	0.022845	1.12E+00	1.01555	0.05568	0.000121	0.024263	1.095613
884	490286.72	3860835.12	8.91132	12.28348	9.20436	17.04366	8.08E-01	0.05197	0.00017	0.03948	0.89918	1.02E+00	0.065588	0.000146	0.023045	1.11E+00	1.004748	0.05641	0.000119	0.024476	1.085754
885	490336.72	3860835.12	9.0767	12.58535	9.33116	17.09096	8.23E-01	0.05324	0.00017	0.03959	0.91555	1.04E+00	0.0672	0.000148	0.023109	1.13E+00	1.023395	0.057797	0.000121	0.024544	1.105856
886	490386.72	3860835.12	9.24972	12.89539	9.47815	17.13986	8.38E-01	0.05455	0.00018	0.0397	0.93266	1.06E+00	0.068855	0.000151	0.023175	1.15E+00	1.042903	0.05922	0.000123	0.024614	1.12686
887	490436.72	3860835.12	9.3764	13.14262	9.66385	17.66249	8.50E-01	0.0556	0.00018	0.04091	0.9464	1.07E+00	0.070175	0.000154	0.023882	1.17E+00	1.057186	0.060356	0.000125	0.025364	1.143031
888	490486.72	3860835.12	9.49289	13.26218	9.77524	18.04823	8.60E-01	0.05611	0.00018	0.0418	0.95836	1.09E+00	0.070814	0.000155	0.024403	1.18E+00	1.07032	0.060905	0.000127	0.025918	1.15727
889	490536.72	3860835.12	9.52683	13.26915	9.78148	18.24464	8.63E-01	0.05614	0.00018	0.04226	0.96192	1.09E+00	0.070851	0.000155	0.024669	1.19E+00	1.074147	0.060937	0.000127	0.0262	1.161411
890	490586.72	3860835.12	9.49537	13.35434	9.72405	18.25	8.60E-01	0.0565	0.00018	0.04227	0.95944	1.09E+00	0.071306	0.000155	0.024676	1.18E+00	1.0706	0.061328	0.000126	0.026208	1.158262
891	490636.72	3860835.12	9.39558	13.3698	9.60544	18.24228	8.51E-01	0.05656	0.00018	0.04225	0.95044	1.07E+00	0.071388	0.000153	0.024666	1.17E+00	1.059348	0.061399	0.000125	0.026197	1.147069
892	490686.72	3860835.12	9.35546	13.40449	9.51963	18.35742	8.48E-01	0.05671	0.00018	0.04252	0.94722	1.07E+00	0.071574	0.000151	0.024821	1.17E+00	1.054825	0.061558	0.000124	0.026362	1.142869
893	490736.72	3860835.12	9.45331	13.41399	9.53077	18.40842	8.57E-01	0.05675	0.00018	0.04264	0.95624	1.08E+00	0.071624	0.000151	0.02489	1.18E+00	1.065857	0.061602	0.000124	0.026435	1.154019
894	490086.72	3860885.12	8.76411	12.17875	9.65402	16.81679	7.94E-01	0.05152	0.00018	0.03895	0.88488	1.00E+00	0.065029	0.000153	0.022738	1.09E+00	0.98815	0.055929	0.000125	0.02415	1.068355
895	490136.72	3860885.12	8.8579	11.95178	9.63291	16.48748	8.03E-01	0.05056	0.00018	0.03819	0.89165	1.01E+00	0.063817	0.000153	0.022293	1.10E+00	0.998725	0.054887	0.000125	0.023677	1.077414
896	490186.72	3860885.12	8.9256	11.60782	9.50322	16.36103	8.09E-01	0.04911	0.00018	0.0379	0.89604	1.02E+00	0.06198	0.000151	0.022122	1.11E+00	1.006358	0.053307	0.000123	0.023495	1.083284
897	490236.72	3860885.12	8.91952	11.7586	9.34669	16.45873	8.08E-01	0.04974	0.00017	0.03812	0.89635	1.02E+00	0.062785	0.000149	0.022254	1.11E+00	1.005673	0.054	0.000121	0.023636	1.08343
898	490286.72	3860885.12	8.87087	11.99279	9.16662	16.69727	8.04E-01	0.05074	0.00017	0.03867	0.89348	1.01E+00	0.064036	0.000146	0.022577	1.10E+00	1.000188	0.055075	0.000119	0.023978	1.07936
899	490336.72	3860885.12	8.77299	12.12454	9.07297	16.80272	7.95E-01	0.05129	0.00017	0.03892	0.88541	1.00E+00	0.064739	0.000144	0.022719	1.09E+00	0.989152	0.05568	0.000118	0.02413	1.069079
900	490386.72	3860885.12	8.9643	12.47642	9.21123	16.87293	8.12E-01	0.05278	0.00017	0.03908	0.9044	1.03E+00	0.066618	0.000146	0.022814	1.11E+00	1.010722	0.057296	0.00012	0.02423	1.092368
901	490436.72	3860885.12	9.12619	12.7869	9.36167	16.95536	8.27E-01	0.0541	0.00018	0.03927	0.92058	1.04E+00	0.068276	0.000149	0.022925	1.14E+00	1.028975	0.058722	0.000122	0.024349	1.112167
902	490486.72	3860885.12	9.22988	12.99968	9.53567	17.47237	8.36E-01	0.055	0.00018	0.04047	0.93207	1.06E+00	0.069412	0.000152	0.023625	1.15E+00	1.040666	0.059699	0.000124	0.025091	1.12558
903	490536.72	3860885.12	9.33469	13.09115	9.63358	17.8269	8.46E-01	0.05538	0.00018	0.04129	0.94278	1.07E+00	0.0699	0.000153	0.024104	1.16E+00	1.052483	0.060119	0.000125	0.0256	1.138328
904	490586.72	3860885.12	9.35755	13.08824	9.63307	18.00651	8.48E-01	0.05537	0.00018	0.04171	0.94526	1.07E+00	0.069885	0.000153	0.024347	1.16E+00	1.055061	0.060106	0.000125	0.025858	1.14115
905	490636.72	3860885.12	9.3292	13.19012	9.57977	17.9985	8.45E-01	0.0558	0.00018	0.04169	0.9431	1.07E+00	0.070429	0.000152	0.024336	1.16E+00	1.051864	0.060574	0.000124	0.025847	1.138409
906	490686.72	3860885.12	9.24494	13.20804	9.46246	17.98417	8.38E-01	0.05588	0.00018	0.04165	0.9355	1.06E+00	0.070525	0.00015	0.024317	1.15E+00	1.042364	0.060656	0.000123	0.025826	1.128969
907	490736.72	3860885.12	9.22055	13.25475	9.39695	18.12165	8.36E-01	0.05607	0.00018	0.04197	0.93381	1.05E+00	0.070774	0.000149	0.024502	1.15E+00	1.039614	0.060871	0.000122	0.026024	1.12663
908	490086.72	3860935.12	8.51512	12.05499	9.44312	16.70869	7.72E-01	0.051	0.00018	0.0387	0.86153	9.74E-01	0.064368	0.00015	0.022592	1.06E+00	0.960077	0.055361	0.000123	0.023995	1.039555
909	490136.72	3860935.12	8.61275	11.90526	9.50136	16.47816	7.81E-01	0.05037	0.00018	0.03817	0.86922	9.85E-01	0.063568	0.000151	0.02228	1.07E+00	0.971085	0.054673	0.000123	0.023664	1.049545
910	490186.72	3860935.12	8.72472	11.67143	9.47757	16.12976	7.91E-01	0.04938	0.00018	0.03736	0.87757	9.98E-01	0.06232	0.000151	0.021809	1.08E+00	0.983709	0.0536	0.000123	0.023163	1.060595
911	490236.72	3860935.12	8.78871	11.43702	9.35678	16.09052	7.96E-01	0.04838	0.00018	0.03727	0.88228	1.01E+00	0.061068	0.000149	0.021756	1.09E+00	0.990924	0.052523	0.000121	0.023107	1.066675

912	490286.72	3860935.12	8.78407	11.64217	9.21791	16.24216	7.96E-01	0.04925	0.00017	0.03762	0.88308	1.00E+00	0.062164	0.000147	0.021961	1.09E+00	0.990401	0.053465	0.00012	0.023325	1.06731
913	490336.72	3860935.12	8.72896	11.85203	9.0287	16.49153	7.91E-01	0.05014	0.00017	0.0382	0.87954	9.98E-01	0.063284	0.000143	0.022298	1.08E+00	0.984187	0.054429	0.000117	0.023683	1.062416
914	490386.72	3860935.12	8.65811	12.00224	8.96333	16.58494	7.85E-01	0.05078	0.00017	0.03841	0.87397	9.90E-01	0.064086	0.000142	0.022425	1.08E+00	0.976199	0.055119	0.000116	0.023817	1.055251
915	490436.72	3860935.12	8.86043	12.37717	9.10453	16.66723	8.03E-01	0.05236	0.00017	0.0386	0.89409	1.01E+00	0.066088	0.000145	0.022536	1.10E+00	0.99901	0.056841	0.000118	0.023935	1.079904
916	490486.72	3860935.12	8.98782	12.66487	9.23318	16.76839	8.14E-01	0.05358	0.00017	0.03884	0.90709	1.03E+00	0.067624	0.000147	0.022673	1.12E+00	1.013374	0.058162	0.00012	0.02408	1.095736
917	490536.72	3860935.12	9.08422	12.84782	9.40623	17.27275	8.23E-01	0.05435	0.00018	0.04001	0.91777	1.04E+00	0.068601	0.000149	0.023355	1.13E+00	1.024243	0.059002	0.000122	0.024805	1.108171
918	490586.72	3860935.12	9.18161	12.92479	9.49595	17.60777	8.32E-01	0.05468	0.00018	0.04078	0.9277	1.05E+00	0.069012	0.000151	0.023808	1.14E+00	1.035223	0.059355	0.000123	0.025286	1.119988
919	490636.72	3860935.12	9.208	12.94062	9.49417	17.77463	8.34E-01	0.05475	0.00018	0.04117	0.93054	1.05E+00	0.069097	0.000151	0.024033	1.15E+00	1.038199	0.059428	0.000123	0.025525	1.123276
920	490686.72	3860935.12	9.1826	13.02112	9.4427	17.73111	8.32E-01	0.05509	0.00018	0.04107	0.92848	1.05E+00	0.069527	0.00015	0.023974	1.14E+00	1.035335	0.059798	0.000123	0.025463	1.120718
921	490736.72	3860935.12	9.10213	13.04983	9.32326	17.73147	8.25E-01	0.05521	0.00017	0.04107	0.92131	1.04E+00	0.06968	0.000148	0.023975	1.13E+00	1.026262	0.05993	0.000121	0.025463	1.111776
922	490786.72	3860935.12	9.07824	13.07812	9.26554	17.86874	8.23E-01	0.05533	0.00017	0.04139	0.91958	1.04E+00	0.069831	0.000147	0.02416	1.13E+00	1.023568	0.06006	0.00012	0.02566	1.109409
923	490836.72	3860935.12	9.14865	13.05716	9.28885	17.90063	8.29E-01	0.05524	0.00017	0.04146	0.92594	1.05E+00	0.069719	0.000148	0.024204	1.14E+00	1.031507	0.059963	0.000121	0.025706	1.117297
924	490086.72	3860985.12	8.24612	12.02436	9.2498	16.60362	7.47E-01	0.05087	0.00017	0.03846	0.83678	9.43E-01	0.064204	0.000147	0.02245	1.03E+00	0.929747	0.05522	0.00012	0.023844	1.008931
925	490136.72	3860985.12	8.40454	11.8335	9.3287	16.42329	7.62E-01	0.05006	0.00017	0.03804	0.84991	9.61E-01	0.063185	0.000148	0.022206	1.05E+00	0.947609	0.054344	0.000121	0.023585	1.025659
926	490186.72	3860985.12	8.51171	11.70772	9.39692	16.19742	7.71E-01	0.04953	0.00018	0.03752	0.85857	9.74E-01	0.062514	0.000149	0.021901	1.06E+00	0.959692	0.053766	0.000122	0.02326	1.036841
927	490236.72	3860985.12	8.61261	11.4274	9.34477	15.8272	7.80E-01	0.04834	0.00017	0.03666	0.86567	9.85E-01	0.061017	0.000149	0.0214	1.07E+00	0.971069	0.052479	0.000121	0.022729	1.046398
928	490286.72	3860985.12	8.65777	11.28529	9.22675	15.828	7.85E-01	0.04774	0.00017	0.03666	0.86916	9.90E-01	0.060258	0.000147	0.021401	1.07E+00	0.976161	0.051826	0.00012	0.02273	1.050836
929	490336.72	3860985.12	8.65264	11.50789	9.08461	16.03353	7.84E-01	0.04868	0.00017	0.03714	0.87011	9.90E-01	0.061447	0.000144	0.021679	1.07E+00	0.975582	0.052849	0.000118	0.023025	1.051574
930	490386.72	3860985.12	8.60101	11.72764	8.90436	16.29628	7.79E-01	0.04961	0.00017	0.03775	0.86697	9.84E-01	0.06262	0.000142	0.022034	1.07E+00	0.969761	0.053858	0.000116	0.023402	1.047137
931	490436.72	3860985.12	8.54542	11.88788	8.8612	16.3707	7.74E-01	0.05029	0.00017	0.03792	0.86278	9.77E-01	0.063476	0.000141	0.022135	1.06E+00	0.963493	0.054594	0.000115	0.023509	1.041711
932	490486.72	3860985.12	8.73072	12.25372	8.97708	16.43777	7.91E-01	0.05184	0.00017	0.03807	0.88128	9.99E-01	0.065429	0.000143	0.022226	1.09E+00	0.984386	0.056274	0.000117	0.023606	1.064381
933	490536.72	3860985.12	8.84889	12.52895	9.11482	16.59455	8.02E-01	0.053	0.00017	0.03844	0.89352	1.01E+00	0.066899	0.000145	0.022438	1.10E+00	0.997709	0.057538	0.000118	0.023831	1.079196
934	490586.72	3860985.12	8.94644	12.68654	9.27014	17.06848	8.11E-01	0.05367	0.00017	0.03953	0.90412	1.02E+00	0.06774	0.000147	0.023078	1.11E+00	1.008708	0.058261	0.00012	0.024511	1.091601
935	490636.72	3860985.12	9.03735	12.76773	9.36592	17.39384	8.19E-01	0.05401	0.00018	0.04029	0.91346	1.03E+00	0.068174	0.000149	0.023518	1.13E+00	1.018958	0.058634	0.000122	0.024978	1.102692
936	490686.72	3860985.12	9.06755	12.7966	9.36065	17.54211	8.22E-01	0.05414	0.00018	0.04063	0.91666	1.04E+00	0.068328	0.000149	0.023719	1.13E+00	1.022363	0.058767	0.000122	0.025191	1.106443
937	490736.72	3860985.12	9.03039	12.84296	9.29878	17.45468	8.18E-01	0.05433	0.00017	0.04043	0.91329	1.03E+00	0.068575	0.000148	0.023601	1.13E+00	1.018173	0.05898	0.000121	0.025066	1.10234
938	490786.72	3860985.12	8.95979	12.89062	9.18706	17.47856	8.12E-01	0.05453	0.00017	0.04048	0.90714	1.02E+00	0.06883	0.000146	0.023633	1.12E+00	1.010213	0.059199	0.000119	0.0251	1.094631
939	490836.72	3860985.12	8.94919	12.91938	9.15325	17.62987	8.11E-01	0.05466	0.00017	0.04083	0.90666	1.02E+00	0.068983	0.000145	0.023837	1.12E+00	1.009018	0.059331	0.000119	0.025317	1.093785
940	490086.72	3861035.12	7.99982	11.93197	9.01052	16.4384	7.25E-01	0.05048	0.00017	0.03807	0.81368	9.15E-01	0.063711	0.000143	0.022227	1.00E+00	0.901977	0.054796	0.000117	0.023606	0.980496
941	490136.72	3861035.12	8.14997	11.78798	9.12541	16.32637	7.39E-01	0.04987	0.00017	0.03781	0.82642	9.32E-01	0.062942	0.000145	0.022075	1.02E+00	0.918906	0.054135	0.000118	0.023446	0.996605
942	490186.72	3861035.12	8.29537	11.62719	9.21604	16.13986	7.52E-01	0.04919	0.00017	0.03738	0.83849	9.49E-01	0.062084	0.000146	0.021823	1.03E+00	0.9353	0.053396	0.00012	0.023178	1.011994
943	490236.72	3861035.12	8.40045	11.47352	9.26816	15.88776	7.61E-01	0.04854	0.00017	0.0368	0.84678	9.61E-01	0.061263	0.000147	0.021482	1.04E+00	0.947148	0.052691	0.00012	0.022816	1.022774
944	490286.72	3861035.12	8.49583	11.17959	9.20831	15.57417	7.70E-01	0.0473	0.00017	0.03607	0.85345	9.72E-01	0.059694	0.000146	0.021058	1.05E+00	0.957902	0.051341	0.00012	0.022365	1.031728
945	490336.72	3861035.12	8.52744	11.13391	9.09775	15.603	7.73E-01	0.0471	0.00017	0.03614	0.85619	9.75E-01	0.05945	0.000145	0.021097	1.06E+00	0.961466	0.051131	0.000118	0.022407	1.035122
946	490386.72	3861035.12	8.54036	11.39696	8.97027	15.87381	7.74E-01	0.04821	0.00017	0.03677	0.85909	9.77E-01	0.060854	0.000143	0.021463	1.06E+00	0.962923	0.052339	0.000116	0.022796	1.038174
947	490436.72	3861035.12	8.48938	11.62176	8.79581	16.11666	7.69E-01	0.04917	0.00016	0.03733	0.85599	9.71E-01	0.062055	0.00014	0.021791	1.05E+00	0.957175	0.053371	0.000114	0.023144	1.033805
948	490486.72	3861035.12	8.42867	11.76442	8.74986	16.1539	7.64E-01	0.04977	0.00016	0.03742	0.85117	9.64E-01	0.062816	0.000139	0.021842	1.05E+00	0.95033	0.054027	0.000114	0.023198	1.027668
949	490536.72	3861035.12	8.59364	12.12279	8.84204	16.20477	7.79E-01	0.05129	0.00017	0.03753	0.86776	9.83E-01	0.06473	0.000141	0.021911	1.07E+00	0.96893	0.055672	0.000115	0.023271	1.047988
950	490586.72	3861035.12	8.70648	12.37927	8.99474	16.40033	7.89E-01	0.05237	0.00017	0.03799	0.87952	9.96E-01	0.066099	0.000143	0.022175	1.08E+00	0.981653	0.05685	0.000117	0.023552	1.062171
951	490636.72	3861035.12	8.81476	12.53261	9.14028	16.86311	7.99E-01	0.05302	0.00017	0.03906	0.89106	1.01E+00	0.066918	0.000145	0.022801	1.10E+00	0.993861	0.057554	0.000119	0.024216	1.075751
952	490686.72	3861035.12	8.88104	12.59362	9.22284	17.16241	8.05E-01	0.05328	0.00017	0.03975	0.89802	1.02E+00	0.067244	0.000147	0.023205	1.11E+00	1.001334	0.057835	0.00012	0.024646	1.083935
953	490736.72	3861035.12	8.91791	12.62254	9.21683	17.27262	8.08E-01	0.0534	0.00017	0.04001	0.90174	1.02E+00	0.067398	0.000146	0.023354	1.11E+00	1.005491	0.057967	0.00012	0.024804	1.088383
954	490786.72	3861035.12	8.89035	12.67942	9.17543	17.19752	8.06E-01	0.05364	0.00017	0.03983	0.89931	1.02E+00	0.067702	0.000146	0.023253	1.11E+00	1.002384	0.058229	0.000119	0.024697	1.085428
955	490836.72	3861035.12	8.82239	12.73444	9.06833	17.22539	8.00E-01	0.05387	0.00017	0.0399	0.89344	1.01E+00	0.067996	0.000144	0.023291	1.10E+00	0.994721	0.058481	0.000118	0.024737	1.078057
956	490086.72	3861085.12	7.88082	11.75911	8.7378	16.25727	7.14E-01	0.04975	0.00016	0.03765	0.80174	9.01E-01	0.062788	0.000139	0.021982	9.86E-01	0.88856	0.054002	0.000113	0.023346	0.966022
957	490136.72	3861085.12	7.90789	11.74636	8.91535	16.21537	7.17E-01	0.04969	0.00017	0.03756	0.80405	9.04E-01	0.06272	0.000142	0.021925	9.89E-01	0.891612	0.053944	0.000116	0.023286	0.968957
958	490186.72	3861085.12	8.08176	11.59599	9.03145	16.08188	7.32E-01	0.04906	0.00017	0.03725	0.81886	9.24E-01	0.061917	0.000144	0.021744	1.01E+00	0.911216	0.053253	0.000117	0.023094	0.98768
959	490236.72	3861085.12	8.20385	11.44797	9.12075	15.87678	7.43E-01	0.04843	0.00017	0.03677	0.82883	9.38E-01	0.061127	0.000145	0.021467	1.02E+00	0.924981	0.052573	0.000118	0.0228	1.000473
960	490286.72	3861085.12	8.30316	11.25497	9.14895	15.58889	7.52E-01	0.04761	0.00017	0.03611	0.83634	9.50E-01	0.060096	0.000145	0.021078	1.03E+00	0.936178	0.051687	0.000119	0.022386	1.010371
961	490336.72	3861085.12	8.38857	10.94943	9.08248	15.35672	7.60E-01	0.04632	0.00017	0.03557	0.84225	9.59E-01	0.058465	0.000144	0.020764	1.04E+00	0.945808	0.050284	0.000118	0.022053	1.018263
962	490386.72	3861085.12	8.43021	11.01906	8.99485	15.44249	7.64E-01	0.04662	0.00017	0.03577	0.84652	9.64E-01	0.058837	0.000143	0.02088	1.04E+00	0.950503	0.050604	0.000117	0.022176	1.0234
963	490436.72	3861085.12	8.42825	11.285	8.85659	15.71193	7.64E-01	0.04774	0.00017	0.03639	0.84808	9.64E-01	0.060256	0.000141	0.021244	1.05E+00	0.950282	0.051825	0.000115	0.022563	1.024785
964	490486.72	3861085.12	8.35429	11.47305	8.66508	15.91223	7.57E-01	0.04854	0.00016	0.03686	0.84264	9.56E-01	0.061261	0.000138	0.021515	1.04E+00	0.941943	0.052689	0.000112	0.022851	1.017595
965	490536.72	3861085.12	8.30803	11.65378	8.63236	15.94856	7.53E-01	0.0493	0.00016	0.03694	0.83929	9.50E-01	0.062226	0.000137	0.021564	1.03E+00	0.936728	0.053518	0.000112	0.022903	1.013261
966	490586.72	3861085.12	8.45065	11.9797	8.70967	15.95641	7.66E-01	0.05068	0.00016	0.03696	0.85362	9.67E-01	0.063966	0.000138	0.021575	1.05E+00	0.952808	0.055015	0.000113	0.022914	1.03085
967	490636.72	3861085.12	8.54855	12.20797	8.85904	16.18573	7.75E-01	0.05165	0.00017	0.03749	0.86399	9.78E-01	0.065185	0.000141	0.021885	1.06E+00	0.963846	0.056064	0.000115	0.023244	1.043268
968	490686.72	3861085.12	8.67377	12.36525	9.00043	16.64438	7.86E-01	0.05231	0.00017	0.03855	0.87707	9.92E-01	0.066025	0.000143	0.022505	1.08E+00	0.977965	0.056786	0.000117	0.023902	1.058769
969	490736.72	3861085.12	8.73786	12.42602	9.08694	16.93128	7.92E-01	0.05257	0.00017	0.03922	0.8838	9.99E-01	0.066349	0.000144	0.022893	1.09E+00	0.985191	0.057065	0.000118	0.024314	1.066688
970	490786.72	3861085.12	8.7826	12.46592	9.08717	17.02057	7.96E-01	0.05274	0.00017	0.03942	0.88823	1.00E+00	0.066562	0.000144	0.023014	1.09E+00	0.990235	0.057248	0.000118	0.024442	1.072044
971	490836.72	3861085.12	8.75357	12.50778	9.05522	16.93549	7.93E-01	0.05291	0.00017	0.03923	0.88558	1.00E+00	0.066786	0.000144	0.022899	1.09E+00	0.986962	0.05744	0.000118	0.02432	1.06884
972	490086.72	3861135.12	7.78232	11.51096	8.57456	16.0003	7.05E-01	0.0487	0.00016	0.03706	0.79117	8.90E-01	0.061463	0.000136	0.021634	9.73E-01	0.877454	0.052863	0.000111	0.022977	0.953405

973	490136.72	3861135.12	7.7664	11.5943	8.63068	16.03111	7.04E-01	0.04905	0.00016	0.03713	0.79015	8.88E-01	0.061908	0.000137	0.021676	9.72E-01	0.875659	0.053245	0.000112	0.023022	0.952038
974	490186.72	3861135.12	7.82141	11.5477	8.81299	15.97927	7.09E-01	0.04885	0.00016	0.03701	0.79482	8.95E-01	0.061659	0.00014	0.021606	9.78E-01	0.881861	0.053031	0.000114	0.022947	0.957954
975	490236.72	3861135.12	7.98165	11.37708	8.90479	15.81629	7.23E-01	0.04813	0.00017	0.03663	0.80824	9.13E-01	0.060748	0.000142	0.021385	9.95E-01	0.899928	0.052248	0.000116	0.022713	0.975005
976	490286.72	3861135.12	8.10167	11.25331	9.01556	15.60035	7.34E-01	0.04761	0.00017	0.03613	0.8181	9.27E-01	0.060087	0.000143	0.021093	1.01E+00	0.913461	0.051679	0.000117	0.022403	0.98766
977	490336.72	3861135.12	8.20959	11.04444	9.03452	15.29639	7.44E-01	0.04672	0.00017	0.03543	0.82629	9.39E-01	0.058972	0.000144	0.020682	1.02E+00	0.925628	0.05072	0.000117	0.021966	0.998432
978	490386.72	3861135.12	8.29401	10.76807	8.9721	15.15139	7.52E-01	0.04555	0.00017	0.03509	0.83244	9.49E-01	0.057496	0.000143	0.020486	1.03E+00	0.935147	0.049451	0.000116	0.021758	1.006472
979	490436.72	3861135.12	8.32311	10.90412	8.87622	15.26556	7.54E-01	0.04613	0.00017	0.03536	0.83591	9.52E-01	0.058223	0.000141	0.020641	1.03E+00	0.938428	0.050076	0.000115	0.021922	1.010541
980	490486.72	3861135.12	8.30924	11.16273	8.73632	15.53847	7.53E-01	0.04722	0.00016	0.03599	0.83638	9.50E-01	0.059604	0.000139	0.02101	1.03E+00	0.936864	0.051263	0.000113	0.022314	1.010555
981	490536.72	3861135.12	8.2217	11.32906	8.53607	15.70067	7.45E-01	0.04793	0.00016	0.03637	0.82952	9.40E-01	0.060492	0.000136	0.021229	1.02E+00	0.926994	0.052027	0.000111	0.022547	1.001679
982	490586.72	3861135.12	8.17327	11.51275	8.50107	15.71157	7.41E-01	0.0487	0.00016	0.03639	0.82593	9.35E-01	0.061473	0.000135	0.021244	1.02E+00	0.921533	0.052871	0.00011	0.022563	0.997077
983	490636.72	3861135.12	8.29442	11.81675	8.56591	15.69062	7.52E-01	0.04999	0.00016	0.03634	0.83815	9.49E-01	0.063096	0.000136	0.021215	1.03E+00	0.935193	0.054267	0.000111	0.022533	1.012104
984	490686.72	3861135.12	8.40539	12.05265	8.73517	15.98267	7.62E-01	0.05099	0.00016	0.03702	0.84989	9.61E-01	0.064355	0.000139	0.02161	1.05E+00	0.947705	0.05535	0.000113	0.022952	1.02612
985	490736.72	3861135.12	8.54424	12.21233	8.87295	16.43029	7.74E-01	0.05166	0.00017	0.03806	0.86418	9.77E-01	0.065208	0.000141	0.022216	1.06E+00	0.96336	0.056084	0.000115	0.023595	1.043154
986	490786.72	3861135.12	8.61404	12.26525	8.96568	16.69872	7.81E-01	0.05189	0.00017	0.03868	0.87136	9.85E-01	0.065491	0.000142	0.022578	1.07E+00	0.97123	0.056327	0.000116	0.02398	1.051653
987	490836.72	3861135.12	8.65273	12.30582	8.96867	16.7638	7.84E-01	0.05206	0.00017	0.03883	0.87518	9.90E-01	0.065707	0.000143	0.022666	1.08E+00	0.975592	0.056513	0.000116	0.024074	1.056295
988	490086.72	3861185.12	7.65261	11.26228	8.56281	15.66043	6.93E-01	0.04765	0.00016	0.03627	0.77757	8.75E-01	0.060135	0.000136	0.021175	9.57E-01	0.862829	0.051721	0.000111	0.022489	0.93715
989	490136.72	3861185.12	7.66503	11.35288	8.45278	15.79023	6.95E-01	0.04803	0.00016	0.03657	0.77938	8.77E-01	0.060619	0.000134	0.02135	9.59E-01	0.86423	0.052137	0.00011	0.022676	0.939151
990	490186.72	3861185.12	7.64087	11.39903	8.52123	15.78052	6.92E-01	0.04822	0.00016	0.03655	0.77737	8.74E-01	0.060865	0.000135	0.021337	9.56E-01	0.861505	0.052349	0.000111	0.022662	0.936626
991	490236.72	3861185.12	7.71559	11.31837	8.69072	15.71494	6.99E-01	0.04788	0.00016	0.0364	0.78365	8.82E-01	0.060435	0.000138	0.021248	9.64E-01	0.86993	0.051978	0.000113	0.022567	0.944589
992	490286.72	3861185.12	7.88306	11.16623	8.78159	15.5497	7.14E-01	0.04724	0.00016	0.03602	0.7978	9.02E-01	0.059622	0.00014	0.021025	9.82E-01	0.888812	0.051279	0.000114	0.02233	0.962536
993	490336.72	3861185.12	7.97079	11.01799	8.87728	15.29543	7.22E-01	0.04661	0.00017	0.03543	0.80453	9.12E-01	0.058831	0.000141	0.020681	9.91E-01	0.898704	0.050599	0.000115	0.021965	0.971383
994	490386.72	3861185.12	8.09916	10.81051	8.90363	14.98539	7.34E-01	0.04573	0.00017	0.03471	0.81457	9.26E-01	0.057723	0.000142	0.020262	1.00E+00	0.913178	0.049646	0.000116	0.02152	0.984459
995	490436.72	3861185.12	8.18205	10.62096	8.84803	14.92448	7.41E-01	0.04493	0.00017	0.03457	0.82114	9.36E-01	0.056711	0.000141	0.02018	1.01E+00	0.922523	0.048775	0.000115	0.021432	0.992846
996	490486.72	3861185.12	8.20493	10.78705	8.74663	15.08218	7.44E-01	0.04563	0.00016	0.03493	0.82428	9.38E-01	0.057598	0.000139	0.020393	1.02E+00	0.925103	0.049538	0.000114	0.021659	0.996414
997	490536.72	3861185.12	8.19979	11.05199	8.62523	15.37066	7.43E-01	0.04676	0.00016	0.0356	0.8256	9.38E-01	0.059012	0.000137	0.020783	1.02E+00	0.924524	0.050755	0.000112	0.022073	0.997463
998	490586.72	3861185.12	8.09107	11.20029	8.40899	15.4915	7.33E-01	0.04738	0.00016	0.03588	0.81665	9.25E-01	0.059804	0.000134	0.020946	1.01E+00	0.912265	0.051436	0.000109	0.022247	0.986057
999	490636.72	3861185.12	8.03012	11.35507	8.36119	15.45369	7.28E-01	0.04804	0.00016	0.03579	0.81169	9.18E-01	0.060631	0.000133	0.020895	1.00E+00	0.905393	0.052147	0.000109	0.022192	0.979841
1000	490686.72	3861185.12	8.15297	11.65822	8.43603	15.44042	7.39E-01	0.04932	0.00016	0.03576	0.82408	9.33E-01	0.062249	0.000134	0.020877	1.02E+00	0.919245	0.053539	0.00011	0.022173	0.995066
1001	490736.72	3861185.12	8.28625	11.90397	8.62223	15.78073	7.51E-01	0.05036	0.00016	0.03655	0.83799	9.48E-01	0.063562	0.000137	0.021337	1.03E+00	0.934272	0.054667	0.000112	0.022662	1.011713
1002	490786.72	3861185.12	8.41626	12.05255	8.75341	16.20408	7.63E-01	0.05099	0.00016	0.03753	0.85138	9.63E-01	0.064355	0.000139	0.02191	1.05E+00	0.94893	0.05535	0.000114	0.02327	1.027664
1003	490836.72	3861185.12	8.4879	12.08924	8.84171	16.44541	7.69E-01	0.05114	0.00017	0.03809	0.85859	9.71E-01	0.064551	0.000141	0.022236	1.06E+00	0.957008	0.055518	0.000115	0.023616	1.036257
1004	490086.72	3861235.12	7.49131	10.9883	8.51437	15.24402	6.79E-01	0.04649	0.00016	0.03531	0.76083	8.57E-01	0.058672	0.000135	0.020612	9.36E-01	0.844643	0.050462	0.000111	0.021891	0.917107
1005	490136.72	3861235.12	7.54717	11.09886	8.42108	15.48298	6.84E-01	0.04695	0.00016	0.03586	0.76691	8.63E-01	0.059263	0.000134	0.020935	9.44E-01	0.850941	0.05097	0.000109	0.022234	0.924255
1006	490186.72	3861235.12	7.56164	11.21271	8.3518	15.59519	6.85E-01	0.04744	0.00016	0.03612	0.76896	8.65E-01	0.059871	0.000133	0.021086	9.46E-01	0.852572	0.051493	0.000108	0.022396	0.926569
1007	490236.72	3861235.12	7.52484	11.20955	8.42187	15.53391	6.82E-01	0.04742	0.00016	0.03598	0.76548	8.61E-01	0.059854	0.000134	0.021004	9.42E-01	0.848423	0.051478	0.000109	0.022308	0.922318
1008	490386.72	3861235.12	7.85527	10.8063	8.75197	15.01388	7.12E-01	0.04572	0.00016	0.03477	0.79252	8.98E-01	0.0577	0.000139	0.0203	9.77E-01	0.885679	0.049627	0.000114	0.021561	0.95698
1009	490436.72	3861235.12	7.97936	10.57488	8.7637	14.68082	7.23E-01	0.04474	0.00016	0.034	0.80201	9.13E-01	0.056465	0.000139	0.01985	9.89E-01	0.89967	0.048564	0.000114	0.021082	0.96943
1010	490486.72	3861235.12	8.04516	10.45585	8.69966	14.67129	7.29E-01	0.04423	0.00016	0.03398	0.80745	9.20E-01	0.055829	0.000138	0.019837	9.96E-01	0.907089	0.048017	0.000113	0.021069	0.976288
1011	490536.72	3861235.12	8.09926	10.68518	8.63016	14.91155	7.34E-01	0.0452	0.00016	0.03454	0.81388	9.26E-01	0.057054	0.000137	0.020162	1.00E+00	0.913189	0.04907	0.000112	0.021414	0.983785
1012	490586.72	3861235.12	8.08097	10.92719	8.50525	15.1889	7.32E-01	0.04623	0.00016	0.03518	0.81388	9.24E-01	0.058346	0.000135	0.020537	1.00E+00	0.911127	0.050182	0.00011	0.021812	0.983231
1013	490636.72	3861235.12	7.92667	11.02281	8.24899	15.2307	7.18E-01	0.04663	0.00015	0.03528	0.8004	9.07E-01	0.058857	0.000131	0.020594	9.86E-01	0.893729	0.050621	0.000107	0.021872	0.966329
1014	490686.72	3861235.12	7.90263	11.21634	8.23636	15.21524	7.16E-01	0.04745	0.00015	0.03524	0.799	9.04E-01	0.05989	0.000131	0.020573	9.84E-01	0.891019	0.05151	0.000107	0.02185	0.964485
1015	490736.72	3861235.12	8.03238	11.52577	8.33585	15.22554	7.28E-01	0.04876	0.00016	0.03527	0.81209	9.19E-01	0.061542	0.000132	0.020587	1.00E+00	0.905648	0.052931	0.000108	0.021865	0.980552
1016	490786.72	3861235.12	8.17385	11.76002	8.51544	15.57946	7.41E-01	0.04975	0.00016	0.03608	0.82673	9.35E-01	0.062793	0.000135	0.021065	1.02E+00	0.921599	0.054006	0.000111	0.022373	0.998089
1017	490836.72	3861235.12	8.28593	11.88276	8.63082	15.96521	7.51E-01	0.05027	0.00016	0.03698	0.8383	9.48E-01	0.063448	0.000137	0.021587	1.03E+00	0.934236	0.05457	0.000112	0.022927	1.011845
1018	490086.72	3861285.12	7.32947	10.70679	8.45637	14.83918	6.64E-01	0.0453	0.00016	0.03437	0.74404	8.38E-01	0.057169	0.000134	0.020064	9.16E-01	0.826395	0.04917	0.00011	0.02131	0.896984
1019	490136.72	3861285.12	7.4312	10.90432	8.41284	15.1418	6.73E-01	0.04613	0.00016	0.03507	0.75479	8.50E-01	0.058224	0.000134	0.020473	9.29E-01	0.837865	0.050077	0.000109	0.021744	0.909796
1020	490186.72	3861285.12	7.46313	10.97352	8.30254	15.33133	6.76E-01	0.04642	0.00016	0.03551	0.75841	8.54E-01	0.058593	0.000132	0.02073	9.33E-01	0.841465	0.050394	0.000108	0.022017	0.913984
1021	490236.72	3861285.12	7.45363	11.06203	8.24654	15.38876	6.75E-01	0.0468	0.00015	0.03564	0.75806	8.53E-01	0.059066	0.000131	0.020807	9.33E-01	0.840394	0.050801	0.000107	0.022099	0.913401
1022	490386.72	3861285.12	7.66552	10.75634	8.54578	15.01116	6.95E-01	0.0455	0.00016	0.03477	0.7751	8.77E-01	0.057434	0.000136	0.020297	9.55E-01	0.864285	0.049397	0.000111	0.021557	0.93535
1023	490436.72	3861285.12	7.77094	10.62495	8.64799	14.75853	7.04E-01	0.04495	0.00016	0.03418	0.78351	8.89E-01	0.056732	0.000137	0.019955	9.66E-01	0.876171	0.048794	0.000112	0.021194	0.946271
1024	490486.72	3861285.12	7.88134	10.37597	8.64689	14.44622	7.14E-01	0.0439	0.00016	0.03346	0.79174	9.01E-01	0.055403	0.000137	0.019533	9.77E-01	0.888618	0.04765	0.000112	0.020746	0.957126
1025	490536.72	3861285.12	7.93966	10.33127	8.58288	14.46249	7.20E-01	0.04371	0.00016	0.0335	0.79687	9.08E-01	0.055164	0.000136	0.019555	9.83E-01	0.895194	0.047445	0.000111	0.020769	0.963519
1026	490586.72	3861285.12	7.96169	10.53888	8.48198	14.69777	7.22E-01	0.04458	0.00016	0.03404	0.80029	9.11E-01	0.056273	0.000135	0.019873	9.87E-01	0.897678	0.048398	0.00011	0.021107	0.967293
1027	490636.72	3861285.12	7.89556	10.71829	8.31983	14.9196	7.16E-01	0.04534	0.00016	0.03456	0.79557	9.03E-01	0.057231	0.000132	0.020173	9.81E-01	0.890222	0.049222	0.000108	0.021425	0.960977
1028	490686.72	3861285.12	7.78581	10.86778	8.11938	14.99235	7.06E-01	0.04598	0.00015	0.03473	0.78642	8.91E-01	0.058029	0.000129	0.020271	9.69E-01	0.877847	0.049909	0.000105	0.02153	0.949391
1029	490736.72	3861285.12	7.79911	11.10744	8.1346	15.00727	7.07E-01	0.04699	0.00015	0.03476	0.78867	8.92E-01	0.059308	0.000129	0.020291	9.72E-01	0.879347	0.051009	0.000106	0.021551	0.952013
1030	490786.72	3861285.12	7.91052	11.38558	8.23154	15.00395	7.17E-01	0.04817	0.00015	0.03475	0.79994	9.05E-01	0.060794	0.000131	0.020287	9.86E-01	0.891908	0.052287	0.000107	0.021546	0.965849
1031	490836.72	3861285.12	8.0322	11.57241	8.37937	15.33804	7.28E-01	0.04896	0.00016	0.03553	0.81253	9.19E-01	0.061791	0.000133	0.020739	1.00E+00	0.905628	0.053145	0.000109	0.022026	0.980908
1032	490061.24	3859716.13	10.45595	15.1629	11.18115	20.40212	9.48E-01	0.06415	0.00021	0.04726	1.05915	1.20E+00	0.080963	0.000178	0.027586	1.30E+00	1.178905	0.069634	0.000145	0.029299	1.277982
1033	490111.24	3859716.13	10.02577	14.98489	11.07559	19.91392	9.09E-01	0.06339	0.00021	0.04612	1.01828	1.15E+00	0.080012	0.000176	0.026926	1.25E+00	1.130402	0.068816	0.000144	0.028597	1.22796

1034	490161.24	3859716.13	9.61565	14.77137	10.93348	19.57268	8.71E-01	0.06249	0.0002	0.04533	0.97942	1.10E+00	0.078872	0.000174	0.026464	1.21E+00	1.084161	0.067836	0.000142	0.028107	1.180246
1035	490211.24	3859716.13	9.26022	14.54435	10.95099	19.19664	8.39E-01	0.06153	0.00021	0.04446	0.94538	1.06E+00	0.07766	0.000174	0.025956	1.16E+00	1.044087	0.066793	0.000142	0.027567	1.138589
1036	490061.24	3859766.13	10.9432	15.41336	11.32472	20.57969	9.92E-01	0.06521	0.00021	0.04767	1.10478	1.25E+00	0.0823	0.00018	0.027826	1.36E+00	1.233842	0.070784	0.000147	0.029554	1.334326
1037	490111.24	3859766.13	10.47332	15.16677	11.16115	20.36431	9.49E-01	0.06416	0.00021	0.04717	1.06065	1.20E+00	0.080983	0.000177	0.027535	1.31E+00	1.180863	0.069651	0.000145	0.029244	1.279904
1038	490161.24	3859766.13	10.0477	14.99324	11.05683	19.97406	9.11E-01	0.06343	0.00021	0.04626	1.02044	1.15E+00	0.080057	0.000176	0.027007	1.26E+00	1.132875	0.068855	0.000144	0.028684	1.230557
1039	490211.24	3859766.13	9.69833	14.83802	10.93954	19.67318	8.79E-01	0.06277	0.0002	0.04557	0.98743	1.11E+00	0.079228	0.000174	0.0266	1.22E+00	1.093483	0.068142	0.000142	0.028252	1.190019
1040	490061.24	3859816.13	11.22368	15.45337	11.4499	20.64649	1.02E+00	0.06538	0.00021	0.04782	1.13052	1.28E+00	0.082514	0.000182	0.027916	1.39E+00	1.265466	0.070968	0.000149	0.029649	1.366232
1041	490111.24	3859816.13	10.8923	15.3344	11.26231	20.45573	9.87E-01	0.06487	0.00021	0.04738	1.09955	1.25E+00	0.081878	0.000179	0.027658	1.36E+00	1.228103	0.070421	0.000146	0.029376	1.328046
1042	490161.24	3859816.13	10.4787	15.12932	11.12254	20.30036	9.50E-01	0.064	0.00021	0.04702	1.06083	1.20E+00	0.080783	0.000177	0.027448	1.31E+00	1.18147	0.069479	0.000144	0.029152	1.280246
1043	490211.24	3859816.13	10.06342	14.96528	11.03102	19.98335	9.12E-01	0.06331	0.00021	0.04629	1.02177	1.15E+00	0.079907	0.000175	0.02702	1.26E+00	1.134647	0.068726	0.000143	0.028697	1.232214
1044	490061.24	3859866.13	11.4366	15.42837	11.54235	20.83506	1.04E+00	0.06527	0.00022	0.04826	1.15015	1.31E+00	0.08238	0.000183	0.028171	1.42E+00	1.289473	0.070853	0.00015	0.02992	1.390396
1045	490111.24	3859866.13	11.10618	15.32478	11.37826	20.48094	1.01E+00	0.06483	0.00021	0.04744	1.11895	1.27E+00	0.081827	0.000181	0.027692	1.38E+00	1.252218	0.070377	0.000148	0.029412	1.352154
1046	490161.24	3859866.13	10.82451	15.24821	11.19374	20.2967	9.81E-01	0.06451	0.00021	0.04701	1.09267	1.24E+00	0.081418	0.000178	0.027443	1.35E+00	1.22046	0.070025	0.000145	0.029147	1.319778
1047	490211.24	3859866.13	10.46526	15.07815	11.075	20.19068	9.48E-01	0.06379	0.00021	0.04677	1.05914	1.20E+00	0.08051	0.000176	0.0273	1.30E+00	1.179954	0.069244	0.000144	0.028995	1.278338
1048	490061.24	3859916.13	11.52838	15.40399	11.55143	21.23411	1.04E+00	0.06517	0.00022	0.04918	1.15929	1.32E+00	0.08225	0.000184	0.028711	1.43E+00	1.299821	0.070741	0.00015	0.030493	1.401205
1049	490111.24	3859916.13	11.31417	15.29476	11.46119	20.67064	1.03E+00	0.0647	0.00021	0.04788	1.13811	1.29E+00	0.081667	0.000182	0.027949	1.40E+00	1.275669	0.070239	0.000149	0.029684	1.375741
1050	490161.24	3859916.13	11.01596	15.19412	11.3026	20.29442	9.98E-01	0.06428	0.00021	0.04701	1.10979	1.26E+00	0.081129	0.00018	0.02744	1.37E+00	1.242046	0.069777	0.000147	0.029144	1.341113
1051	490211.24	3859916.13	10.73291	15.1407	11.12002	20.1445	9.73E-01	0.06405	0.00021	0.04666	1.08356	1.23E+00	0.080844	0.000177	0.027238	1.34E+00	1.210132	0.069532	0.000144	0.028929	1.308737
1052	490229.25	3859815.26	9.92649	14.93061	10.992	19.81508	9.00E-01	0.06316	0.00021	0.0459	1.00882	1.14E+00	0.079722	0.000175	0.026792	1.24E+00	1.119208	0.068567	0.000143	0.028455	1.216373
1053	490279.25	3859815.26	9.62063	14.7988	10.87692	19.60413	8.72E-01	0.06261	0.0002	0.04541	0.98006	1.10E+00	0.079019	0.000173	0.026507	1.21E+00	1.084723	0.067962	0.000141	0.028153	1.180978
1054	490329.25	3859815.26	9.32923	14.62653	10.91225	19.30832	8.45E-01	0.06188	0.0002	0.04472	0.95224	1.07E+00	0.078099	0.000173	0.026107	1.17E+00	1.051867	0.06717	0.000142	0.027728	1.146907
1055	490379.25	3859815.26	9.09797	14.41362	10.88593	18.85747	8.24E-01	0.06098	0.0002	0.04368	0.92934	1.04E+00	0.076962	0.000173	0.025497	1.14E+00	1.025793	0.066193	0.000141	0.02708	1.119207
1056	490429.25	3859815.26	8.91346	14.16863	10.71761	18.38343	8.08E-01	0.05994	0.0002	0.04258	0.91048	1.02E+00	0.075654	0.00017	0.024856	1.12E+00	1.00499	0.065068	0.000139	0.0264	1.096596
1057	490229.25	3859865.26	10.31449	14.99011	11.02683	20.11801	9.35E-01	0.06342	0.00021	0.0466	1.04494	1.18E+00	0.08004	0.000175	0.027202	1.29E+00	1.162955	0.06884	0.000143	0.028891	1.260829
1058	490279.25	3859865.26	9.93168	14.88405	10.95684	19.80274	9.00E-01	0.06297	0.00021	0.04587	1.00907	1.14E+00	0.079474	0.000174	0.026775	1.24E+00	1.119794	0.068353	0.000142	0.028438	1.216727
1059	490329.25	3859865.26	9.63842	14.7825	10.8445	19.5833	8.73E-01	0.06254	0.0002	0.04536	0.98155	1.10E+00	0.078931	0.000172	0.026479	1.21E+00	1.086729	0.067887	0.000141	0.028123	1.182879
1060	490379.25	3859865.26	9.37562	14.63953	10.85621	19.32296	8.50E-01	0.06193	0.0002	0.04476	0.95653	1.07E+00	0.078168	0.000173	0.026127	1.18E+00	1.057098	0.06723	0.000141	0.027749	1.152218
1061	490429.25	3859865.26	9.13681	14.44829	10.84715	18.9265	8.28E-01	0.06112	0.0002	0.04384	0.93316	1.05E+00	0.077147	0.000172	0.025591	1.15E+00	1.030172	0.066352	0.000141	0.027179	1.123844
1062	490229.25	3859915.26	10.62864	15.10251	11.08434	20.11809	9.63E-01	0.06389	0.00021	0.0466	1.07389	1.22E+00	0.08064	0.000176	0.027202	1.32E+00	1.198376	0.069356	0.000144	0.028891	1.296766
1063	490279.25	3859915.26	10.28716	14.92028	10.96699	20.01921	9.32E-01	0.06312	0.00021	0.04637	1.04194	1.18E+00	0.079667	0.000174	0.027068	1.28E+00	1.159874	0.068519	0.000142	0.028749	1.257284
1064	490329.25	3859915.26	9.92347	14.80779	10.902	19.7599	8.99E-01	0.06264	0.0002	0.04577	1.0079	1.14E+00	0.079067	0.000173	0.026718	1.24E+00	1.118868	0.068003	0.000142	0.028376	1.215388
1065	490379.25	3859915.26	9.62697	14.73706	10.79591	19.51495	8.72E-01	0.06235	0.0002	0.0452	0.98016	1.10E+00	0.078689	0.000172	0.026386	1.21E+00	1.085438	0.067678	0.00014	0.028024	1.18128
1066	490429.25	3859915.26	9.39056	14.61348	10.77624	19.30505	8.51E-01	0.06182	0.0002	0.04471	0.95773	1.07E+00	0.078029	0.000171	0.026103	1.18E+00	1.058782	0.067111	0.00014	0.027723	1.153756
1067	490451.43	3859872.59	9.08539	14.38046	10.80343	18.7972	8.23E-01	0.06084	0.0002	0.04354	0.92791	1.04E+00	0.076785	0.000172	0.025416	1.14E+00	1.024375	0.06604	0.00014	0.026994	1.117549
1068	490501.43	3859872.59	8.92995	14.15969	10.62269	18.36655	8.09E-01	0.0599	0.0002	0.04254	0.91189	1.02E+00	0.075606	0.000169	0.024834	1.12E+00	1.006849	0.065027	0.000138	0.026375	1.098389
1069	490551.43	3859872.59	8.78149	14.03269	10.4997	18.00107	7.96E-01	0.05937	0.0002	0.04169	0.89705	1.00E+00	0.074928	0.000167	0.024339	1.10E+00	0.99011	0.064443	0.000136	0.02585	1.08054
1070	490601.43	3859872.59	8.63949	13.82995	10.48515	17.66545	7.83E-01	0.05851	0.0002	0.04092	0.88255	9.88E-01	0.073845	0.000167	0.023886	1.09E+00	0.9741	0.063512	0.000136	0.025369	1.063116
1071	490451.43	3859922.59	9.32185	14.56288	10.77384	19.21266	8.45E-01	0.06161	0.0002	0.0445	0.95108	1.07E+00	0.077759	0.000171	0.025978	1.17E+00	1.051035	0.066878	0.00014	0.02759	1.145644
1072	490501.43	3859922.59	9.09996	14.37915	10.73812	18.82606	8.25E-01	0.06083	0.0002	0.0436	0.92929	1.04E+00	0.076778	0.000171	0.025455	1.14E+00	1.026017	0.066034	0.000139	0.027035	1.119226
1073	490551.43	3859922.59	8.95817	14.16353	10.59255	18.37445	8.12E-01	0.05992	0.0002	0.04256	0.91448	1.02E+00	0.075626	0.000168	0.024844	1.13E+00	1.010031	0.065044	0.000137	0.026387	1.101599
1074	490601.43	3859922.59	8.83011	14.05938	10.44868	18.04493	8.00E-01	0.05948	0.0002	0.0418	0.90167	1.01E+00	0.07507	0.000166	0.024399	1.11E+00	0.995592	0.064566	0.000136	0.025913	1.086207
1075	482129.67	3852241.07	12.20902	16.77667	15.60763	22.07798	1.11E+00	0.07097	0.00029	0.05114	1.22881	1.40E+00	0.089579	0.000248	0.029852	1.52E+00	1.376563	0.077045	0.000203	0.031705	1.485515
1076	482029.67	3852291.07	12.39993	17.68276	15.71544	22.90086	1.12E+00	0.07481	0.00029	0.05304	1.25185	1.42E+00	0.094417	0.00025	0.030964	1.54E+00	1.398088	0.081206	0.000204	0.032887	1.512384
1077	482079.67	3852291.07	12.48203	17.49359	15.73245	23.11556	1.13E+00	0.07401	0.00029	0.05354	1.25899	1.43E+00	0.093407	0.00025	0.031255	1.55E+00	1.407345	0.080337	0.000204	0.033195	1.521081
1078	482129.67	3852291.07	12.39253	17.13827	15.53787	22.63825	1.12E+00	0.0725	0.00029	0.05243	1.24827	1.42E+00	0.09151	0.000247	0.030609	1.54E+00	1.397254	0.078705	0.000202	0.03251	1.50867
1079	482179.67	3852291.07	12.33866	17.1177	15.82607	22.21211	1.12E+00	0.07242	0.0003	0.05145	1.24232	1.41E+00	0.0914	0.000252	0.030033	1.53E+00	1.39118	0.078611	0.000205	0.031898	1.501894
1080	482229.67	3852291.07	12.4459	17.25953	16.0899	21.65296	1.13E+00	0.07302	0.0003	0.05015	1.25134	1.42E+00	0.092158	0.000256	0.029277	1.55E+00	1.403271	0.079262	0.000209	0.031095	1.513837
1081	482029.67	3852341.07	12.09986	17.51143	15.4685	22.23907	1.10E+00	0.07408	0.00029	0.05151	1.2224	1.38E+00	0.093503	0.000246	0.03007	1.51E+00	1.364255	0.080419	0.000201	0.031936	1.476811
1082	482079.67	3852341.07	12.49391	17.81141	15.87656	23.11529	1.13E+00	0.07535	0.0003	0.05354	1.26141	1.43E+00	0.095104	0.000252	0.031254	1.56E+00	1.408684	0.081797	0.000206	0.033195	1.523882
1083	482129.67	3852341.07	12.57029	17.55949	15.87432	23.29353	1.14E+00	0.07429	0.0003	0.05395	1.26768	1.44E+00	0.093759	0.000252	0.031495	1.56E+00	1.417296	0.08064	0.000206	0.033451	1.531592
1084	482179.67	3852341.07	12.48901	17.31477	15.69961	22.78568	1.13E+00	0.07325	0.00029	0.05278	1.2581	1.43E+00	0.092453	0.00025	0.030809	1.55E+00	1.408132	0.079516	0.000204	0.032721	1.520573
1085	482259.06	3852400.14	12.38541	17.32496	15.85463	22.74763	1.12E+00	0.07329	0.0003	0.05269	1.24867	1.42E+00	0.092507	0.000252	0.030757	1.54E+00	1.396451	0.079563	0.000206	0.032667	1.508886
1086	482309.06	3852400.14	12.54384	17.67702	16.32799	22.5339	1.14E+00	0.07478	0.00031	0.05219	1.26403	1.43E+00	0.094387	0.00026	0.030468	1.56E+00	1.414314	0.081179	0.000212	0.03236	1.528065
1087	482209.06	3852450.14	12.66909	17.80185	16.17492	23.63176	1.15E+00	0.07531	0.0003	0.05474	1.27845	1.45E+00	0.095053	0.000257	0.031953	1.58E+00	1.428436	0.081753	0.00021	0.033936	1.544335
1088	482259.06	3852450.14	12.62673	17.53451	16.02442	23.54864	1.14E+00	0.07418	0.0003	0.05454	1.27328	1.44E+00	0.093626	0.000255	0.03184	1.57E+00	1.423659	0.080525	0.000208	0.033817	1.53821
1089	482309.06	3852450.14	12.58419	17.82614	16.17383	22.89339	1.14E+00	0.07541	0.0003	0.05303	1.26915	1.44E+00	0.095183	0.000257	0.030954	1.57E+00	1.418863	0.081864	0.00021	0.032876	1.533813
1090	482209.06	3852500.14	12.63586	18.16701	16.25692	23.41257	1.15E+00	0.07686	0.0003	0.05423	1.27648	1.45E+00	0.097003	0.000258	0.031656	1.57E+00	1.424689	0.08343	0.000211	0.033622	1.541951
1091	482259.06	3852500.14	12.80331	17.96862	16.36098	23.85046	1.16E+00	0.07602	0.00031	0.05524	1.29183	1.46E+00	0.095944	0.00026	0.032248	1.59E+00	1.443569	0.082519	0.000212	0.034251	1.56055
1092	482309.06	3852500.14	12.78554	17.80216	16.21485	23.71448	1.16E+00	0.07531	0.0003	0.05493	1.2892	1.46E+00	0.095055	0.000258	0.032065	1.59E+00	1.441565	0.081754	0.00021	0.034055	1.557585
1093	482283.91	3852513.62	12.84194	17.93199	16.37621	23.935	1.16E+00	0.07586	0.00031	0.05544	1.29537	1.47E+00	0.095748	0.00026	0.032363	1.60E+00	1.447924	0.08235	0.000213	0.034372	1.564859
1094	482333.91	3852513.62	12.76937	17.93979	16.17181	23.62029	1.16E+00	0.07589	0.0003	0.05471	1.28809	1.46E+00	0.09579	0.000257	0.031937	1.59E+00	1.439742	0.082386	0.00021	0.03392	1.556258

1095	482283.91	3852563.62	12.86469	18.37726	16.56282	23.88246		1.17E+00	0.07775	0.00031	0.05532	1.2992		1.47E+00	0.098126	0.000263	0.032292	1.60E+00		1.450489	0.084395	0.000215	0.034296	1.569396
1096	482333.91	3852563.62	12.92213	18.13325	16.51556	24.10606		1.17E+00	0.07671	0.00031	0.05583	1.30389		1.48E+00	0.096823	0.000262	0.032594	1.61E+00		1.456966	0.083275	0.000214	0.034618	1.575072
1097	482383.91	3852563.62	12.80416	18.17503	16.28525	23.79702		1.16E+00	0.07689	0.0003	0.05512	1.29265		1.46E+00	0.097046	0.000259	0.032176	1.59E+00		1.443665	0.083466	0.000211	0.034174	1.561516
1098	482283.91	3852613.62	12.62686	18.46296	16.36539	23.19194		1.14E+00	0.07811	0.00031	0.05372	1.2764		1.44E+00	0.098583	0.00026	0.031358	1.57E+00		1.423674	0.084789	0.000212	0.033305	1.54198
1099	482333.91	3852613.62	13.00145	18.56047	16.76191	24.12427		1.18E+00	0.07852	0.00031	0.05588	1.31293		1.49E+00	0.099104	0.000266	0.032619	1.62E+00		1.465909	0.085237	0.000218	0.034644	1.586007
1100	482383.91	3852613.62	12.99643	18.31532	16.64852	24.26577		1.18E+00	0.07748	0.00031	0.0562	1.31176		1.49E+00	0.097795	0.000265	0.03281	1.62E+00		1.465343	0.084111	0.000216	0.034847	1.584517
1101	482602.38	3852600.87	12.98645	19.75232	16.88939	22.37329		1.18E+00	0.08356	0.00032	0.05182	1.31256		1.49E+00	0.105468	0.000268	0.030251	1.62E+00		1.464218	0.09071	0.000219	0.032129	1.587276
1102	482652.38	3852600.87	13.01629	19.48023	16.71208	22.64738		1.18E+00	0.08241	0.00031	0.05246	1.31474		1.49E+00	0.104015	0.000266	0.030622	1.62E+00		1.467582	0.08946	0.000217	0.032523	1.589782
1103	482702.38	3852600.87	13.1531	19.05006	16.56681	21.93168		1.19E+00	0.08059	0.00031	0.0508	1.32366		1.50E+00	0.101718	0.000263	0.029654	1.64E+00		1.483008	0.087485	0.000215	0.031495	1.602203
1104	482552.38	3852650.87	12.98444	19.2348	17.10158	23.43515		1.18E+00	0.08137	0.00032	0.05428	1.31265		1.49E+00	0.102705	0.000272	0.031687	1.62E+00		1.463991	0.088333	0.000222	0.033654	1.586201
1105	482602.38	3852650.87	13.05051	19.90296	17.12682	22.86563		1.18E+00	0.0842	0.00032	0.05296	1.32015		1.49E+00	0.106272	0.000272	0.030917	1.63E+00		1.471441	0.091402	0.000222	0.032836	1.595901
1106	482652.38	3852650.87	13.02363	19.91521	16.96989	22.80608		1.18E+00	0.08425	0.00032	0.05282	1.31762		1.49E+00	0.106338	0.00027	0.030836	1.63E+00		1.46841	0.091458	0.00022	0.032751	1.592839
1107	482702.38	3852650.87	13.02144	19.54608	16.79177	23.02836		1.18E+00	0.08269	0.00031	0.05334	1.31637		1.49E+00	0.104367	0.000267	0.031137	1.63E+00		1.468163	0.089763	0.000218	0.03307	1.591214
1108	482552.38	3852700.87	13.04753	19.09814	17.05445	23.80874		1.18E+00	0.08079	0.00032	0.05515	1.31865		1.49E+00	0.101975	0.000271	0.032192	1.63E+00		1.471105	0.087706	0.000221	0.034191	1.593222
1109	482602.38	3852700.87	13.04385	19.66464	17.21629	23.65327		1.18E+00	0.08319	0.00032	0.05479	1.32036		1.49E+00	0.105	0.000274	0.031982	1.63E+00		1.47069	0.090307	0.000223	0.033967	1.595188
1110	482652.38	3852700.87	12.98818	19.88976	17.09406	23.19417		1.18E+00	0.08414	0.00032	0.05372	1.3152		1.49E+00	0.106202	0.000272	0.031361	1.62E+00		1.464413	0.091341	0.000222	0.033308	1.589284
1111	482702.38	3852700.87	13.02312	19.85946	17.00555	23.36124		1.18E+00	0.08402	0.00032	0.05411	1.31863		1.49E+00	0.10604	0.00027	0.031587	1.63E+00		1.468352	0.091202	0.000221	0.033548	1.593323
1112	482452.38	3852750.87	13.34736	19.31574	17.31589	24.59617		1.21E+00	0.08172	0.00032	0.05697	1.34857		1.53E+00	0.103137	0.000275	0.033257	1.66E+00		1.50491	0.088705	0.000225	0.035321	1.629161
1113	482521.29	3852749.74	13.33175	19.33903	17.11069	24.78025		1.21E+00	0.08181	0.00032	0.0574	1.34768		1.52E+00	0.103261	0.000272	0.033506	1.66E+00		1.50315	0.088812	0.000222	0.035586	1.62777
1114	482571.29	3852749.74	13.18825	19.34004	17.01968	24.39139		1.20E+00	0.08182	0.00032	0.0565	1.33378		1.51E+00	0.103267	0.00027	0.03298	1.64E+00		1.486971	0.088817	0.000221	0.035027	1.611036
1115	482521.29	3852799.74	13.46294	19.54941	17.43912	24.96199		1.22E+00	0.0827	0.00033	0.05782	1.36089		1.54E+00	0.104384	0.000277	0.033751	1.68E+00		1.517942	0.089778	0.000226	0.035847	1.643793
1116	482571.29	3852799.74	13.39364	19.62372	17.22199	24.93534		1.21E+00	0.08302	0.00032	0.05775	1.35486		1.53E+00	0.104781	0.000274	0.033715	1.67E+00		1.510128	0.090119	0.000224	0.035808	1.63628
1117	482621.29	3852799.74	13.24761	19.52591	17.16645	24.56361		1.20E+00	0.0826	0.00032	0.05689	1.34035		1.52E+00	0.104259	0.000273	0.033213	1.65E+00		1.493663	0.08967	0.000223	0.035275	1.618831
1118	482571.29	3852849.74	13.57533	19.819	17.60383	25.15172		1.23E+00	0.08384	0.00033	0.05826	1.37266		1.55E+00	0.105824	0.00028	0.034008	1.69E+00		1.530614	0.091016	0.000229	0.036119	1.657978
1119	482621.29	3852849.74	13.52282	20.04426	17.39376	25.11562		1.23E+00	0.0848	0.00033	0.05817	1.36876		1.55E+00	0.107027	0.000276	0.033959	1.69E+00		1.524693	0.092051	0.000226	0.036067	1.653037
1120	482577.42	3852901.55	13.702	20.46647	17.90919	25.00769		1.24E+00	0.08658	0.00034	0.05792	1.38655		1.57E+00	0.109281	0.000285	0.033813	1.71E+00		1.544896	0.09399	0.000232	0.035912	1.67503
1121	482627.42	3852901.55	13.72952	20.41428	17.8	25.36293		1.24E+00	0.08636	0.00033	0.05875	1.38964		1.57E+00	0.109002	0.000283	0.034293	1.71E+00		1.547999	0.09375	0.000231	0.036423	1.678402
1122	482629.96	3852955.85	13.84716	20.93378	18.1273	25.22105		1.25E+00	0.08856	0.00034	0.05842	1.40218		1.58E+00	0.111776	0.000288	0.034102	1.73E+00		1.561263	0.096136	0.000235	0.036219	1.693852
1123	482679.96	3852955.85	13.8649	20.9549	17.99705	25.54176		1.26E+00	0.08865	0.00034	0.05916	1.40461		1.59E+00	0.111889	0.000286	0.034535	1.73E+00		1.563263	0.096233	0.000234	0.036679	1.696408
1124	482781.63	3853034.48	14.08983	21.83578	18.21522	25.75001		1.28E+00	0.09238	0.00034	0.05964	1.42921		1.61E+00	0.116593	0.000289	0.034817	1.76E+00		1.588624	0.100278	0.000236	0.036978	1.726116
1125	482831.63	3853034.48	14.03914	22.5559	18.21193	25.43909		1.27E+00	0.09542	0.00034	0.05892	1.42694		1.61E+00	0.120438	0.000289	0.034396	1.76E+00		1.582908	0.103585	0.000236	0.036532	1.723262
1126	482881.63	3853034.48	13.87534	23.05481	18.44045	24.8613		1.26E+00	0.09753	0.00035	0.05758	1.41287		1.59E+00	0.123102	0.000293	0.033615	1.74E+00		1.56444	0.105876	0.000239	0.035702	1.706258
1127	482781.63	3853084.48	14.21062	22.27849	18.57577	25.78292		1.29E+00	0.09425	0.00035	0.05972	1.44211		1.63E+00	0.118956	0.000295	0.034861	1.78E+00		1.602243	0.102311	0.000241	0.037026	1.74182
1128	482831.63	3853084.48	14.23296	22.4754	18.4038	25.87251		1.29E+00	0.09508	0.00034	0.05993	1.44517		1.63E+00	0.120008	0.000292	0.034982	1.78E+00		1.604761	0.103215	0.000239	0.037154	1.74537
1129	482881.63	3853084.48	14.1694	23.30191	18.42616	25.56828		1.28E+00	0.09858	0.00034	0.05922	1.44221		1.62E+00	0.124421	0.000293	0.034571	1.78E+00		1.597595	0.107011	0.000239	0.036717	1.741563
1130	482781.63	3853134.48	14.25618	22.39473	18.79918	25.62691		1.29E+00	0.09474	0.00035	0.05936	1.44637		1.63E+00	0.119577	0.000299	0.03465	1.79E+00		1.607379	0.102845	0.000244	0.036802	1.74727
1131	482831.63	3853134.48	14.32682	22.81898	18.74803	25.93236		1.30E+00	0.09654	0.00035	0.06006	1.45528		1.64E+00	0.121842	0.000298	0.035063	1.80E+00		1.615344	0.104793	0.000243	0.03724	1.757621
1132	482881.63	3853134.48	14.31463	23.03711	18.5348	26.07489		1.30E+00	0.09746	0.00035	0.06039	1.45542		1.64E+00	0.123007	0.000295	0.035256	1.80E+00		1.61397	0.105795	0.000241	0.037445	1.75745
1133	482831.63	3853184.48	14.3732	22.99327	18.98063	25.77786		1.30E+00	0.09727	0.00036	0.05971	1.45986		1.64E+00	0.122773	0.000302	0.034854	1.80E+00		1.620573	0.105594	0.000246	0.037018	1.763432
1134	482881.63	3853184.48	14.40771	23.21005	18.88587	26.11916		1.31E+00	0.09819	0.00035	0.0605	1.4647		1.65E+00	0.123931	0.0003	0.035316	1.81E+00		1.624464	0.106589	0.000245	0.037508	1.768807
1135	484154.84	3854250.98	21.63638	46.77146	27.41757	11.91589		1.96E+00	0.19787	0.00051	0.0276	2.18671		2.47E+00	0.249737	0.000436	0.016112	2.74E+00		2.439494	0.214792	0.000356	0.017112	2.671754
1136	484204.84	3854250.98	21.18554	44.89231	26.38107	11.0176		1.92E+00	0.18992	0.00049	0.02552	2.13581		2.42E+00	0.239703	0.000419	0.014897	2.68E+00		2.388662	0.206162	0.000342	0.015822	2.610989
1137	484154.84	3854300.98	22.29717	43.599	28.77555	11.85871		2.02E+00	0.18445	0.00054	0.02747	2.23307		2.55E+00	0.232798	0.000457	0.016034	2.80E+00		2.513998	0.200223	0.000374	0.01703	2.731624
1138	484204.84	3854300.98	21.92346	42.3424	27.34418	10.99827		1.99E+00	0.17913	0.00051	0.02547	2.19187		2.51E+00	0.226088	0.000435	0.014871	2.75E+00		2.471863	0.194452	0.000355	0.015794	2.682464
1139	484074.19	3854519.8	24.73111	43.30903	32.9286	13.09593		2.24E+00	0.18322	0.00062	0.03033	2.45535		2.83E+00	0.231249	0.000523	0.017707	3.08E+00		2.788424	0.198891	0.000427	0.018806	3.006549
1140	484124.19	3854519.8	24.88491	37.80433	31.92292	12.94792		2.26E+00	0.15993	0.0006	0.02999	2.44564		2.85E+00	0.201857	0.000507	0.017507	3.07E+00		2.805765	0.173612	0.000414	0.018594	2.998385
1141	484074.19	3854569.8	26.81092	42.95832	33.8705	12.46284		2.43E+00	0.18174	0.00063	0.02887	2.6409		3.07E+00	0.229377	0.000538	0.016851	3.31E+00		3.022922	0.197281	0.00044	0.017897	3.23854
1142	484124.19	3854569.8	25.0272	35.66535	32.25649	12.75518		2.27E+00	0.15088	0.0006	0.02954	2.44905		2.86E+00	0.190436	0.000513	0.017246	3.07E+00		2.821808	0.163789	0.000419	0.018317	3.004333
1143	485205.11	3855188.89	25.08942	60.48339	27.9639	11.14552		2.27E+00	0.25588	0.00052	0.02582	2.55587		2.87E+00	0.322952	0.000444	0.01507	3.21E+00		2.828824	0.277762	0.000363	0.016006	3.122954
1144	485255.11	3855188.89	22.65651	59.86682	26.9827	10.3333		2.05E+00	0.25327	0.00051	0.02393	2.33089		2.59E+00	0.31966	0.000429	0.013972	2.93E+00		2.554514	0.274931	0.00035	0.014839	2.844634
1145	485205.11	3855238.89	26.29647	58.09942	29.43247	11.3584		2.38E+00	0.24579	0.00055	0.02631	2.65569		3.01E+00	0.310223	0.000468	0.015358	3.33E+00		2.964918	0.266814	0.000382	0.016311	3.248425
1146	485255.11	3855238.89	24.48484	57.84379	28.18869	10.84365		2.22E+00	0.24471	0.00053	0.02512	2.48922		2.80E+00	0.308858	0.000448	0.014662	3.12E+00		2.760657	0.26564	0.000366	0.015572	3.042235
1147	485205.11	3855288.89	28.45085	55.70881	31.84968	12.99612		2.58E+00	0.23568	0.0006	0.0301	2.84465		3.25E+00	0.297458	0.000506	0.017572	3.57E+00		3.207824	0.255836	0.000413	0.018663	3.482736
1148	485255.11	3855288.89	25.77873	56.31836	30.38464	12.06		2.34E+00	0.23826	0.00057	0.02793	2.60288		2.95E+00	0.300713	0.000483	0.016306	3.27E+00		2.906543	0.258635	0.000394	0.017319	3.182891
1149	485255.11	3855338.89	27.97171	52.58764	32.064	13.73889		2.53E+00	0.22247	0.0006	0.03182	2.78975		3.20E+00	0.280793	0.00051	0.018576	3.50E+00		3.153801	0.241502	0.000416	0.01973	3.415449
1150	485305.11	3855338.89	26.0564	53.42053	30.30751	12.47489		2.36E+00	0.226	0.00057	0.02889	2.61674		2.98E+00	0.28524	0.000482	0.016867	3.28E+00		2.93785	0.245327	0.000393	0.017915	3.201485
1151	485852.5	3855635.28	19.80573	41.16945	26.08235	9.86761		1.79E+00	0.17417	0.00049	0.02286	1.99235		2.27E+00	0.219825	0.000415	0.013342	2.50E+00		2.233089	0.189065	0.000339	0.01417	2.436664
1152	485902.5	3855635.28	18.94041	41.30114	25.49514	8.62538		1.72E+00	0.17472	0.00048	0.01998	1.9116		2.17E+00	0.220528	0.000405	0.011662	2.40E+00		2.135525	0.18967	0.000331	0.012386	2.337912
1153	485852.5	3855685.28	21.42483	38.62268	26.96256	10.85062		1.94E+00	0.16339	0.0005	0.02513	2.13059		2.45E+00	0.206227	0.000429	0.014671	2.67E+00		2.415642	0.17737	0.00035	0.015582	2.608944
1154	485902.5	3855685.28	20.39703	39.86575	26.15753	9.58417		1.85E+00	0.16865	0.00049	0.0222	2.03976		2.33E+00	0.212864	0.000416	0.012959	2.56E+00		2.299758	0.183078	0.00034	0.013763	2.496939
1155	485852.5	3855735.28	22.02509	36.98131	27.87906	11.79237		2.00E+00	0.15645	0.00052	0.02731	2.18024		2.52E+00	0.197462	0.000443	0.015945	2.73E+00		2.483321	0.169832	0.000362	0.016934	2.67045

1156	485902.5	3855735.28	21.29284	37.49271	27.01185	10.72383	1.93E+00	0.15861	0.00051	0.02484	2.11356	2.44E+00	0.200193	0.000429	0.0145	2.65E+00	2.40076	0.17218	0.000351	0.0154	2.588691
1157	485852.5	3855785.28	23.25886	34.8967	28.65919	12.80784	2.11E+00	0.14763	0.00054	0.02967	2.2856	2.66E+00	0.186332	0.000455	0.017318	2.86E+00	2.622429	0.160259	0.000372	0.018393	2.801452
1158	485902.5	3855785.28	22.06135	37.11768	27.67803	11.57745	2.00E+00	0.15703	0.00052	0.02682	2.18361	2.52E+00	0.198191	0.00044	0.015654	2.74E+00	2.48741	0.170458	0.000359	0.016626	2.674853
1159	486809.46	3856465.28	19.30709	62.44226	26.63923	8.37449	1.75E+00	0.26416	0.0005	0.0194	2.03371	2.21E+00	0.333412	0.000423	0.011323	2.55E+00	2.176868	0.286758	0.000346	0.012026	2.475998
1160	486859.46	3856465.28	18.78736	62.7797	25.94743	8.19781	1.70E+00	0.26559	0.00049	0.01899	1.98761	2.15E+00	0.335214	0.000412	0.011084	2.50E+00	2.118268	0.288308	0.000337	0.011772	2.418685
1161	486909.46	3856465.28	18.31834	67.25783	25.3079	8.07906	1.66E+00	0.28453	0.00047	0.01871	1.96377	2.10E+00	0.359125	0.000402	0.010924	2.47E+00	2.065387	0.308873	0.000329	0.011602	2.38619
1162	486809.46	3856515.28	19.82552	63.7994	27.49229	8.90922	1.80E+00	0.2699	0.00051	0.02064	2.08768	2.27E+00	0.340658	0.000437	0.012046	2.62E+00	2.235321	0.292991	0.000357	0.012794	2.541462
1163	486859.46	3856515.28	19.23935	64.5747	26.71207	8.83423	1.74E+00	0.27318	0.0005	0.02046	2.03766	2.20E+00	0.344798	0.000425	0.011945	2.56E+00	2.16923	0.296551	0.000347	0.012686	2.478814
1164	486909.46	3856515.28	18.74723	68.13725	26.02206	8.77031	1.70E+00	0.28826	0.00049	0.02031	2.00797	2.14E+00	0.36382	0.000414	0.011858	2.52E+00	2.113744	0.312912	0.000338	0.012595	2.439588
1165	486980.94	3856357.95	16.73458	62.06434	23.04676	7.07904	1.52E+00	0.26256	0.00043	0.0164	1.79591	1.91E+00	0.331394	0.000366	0.009572	2.26E+00	1.886818	0.285023	0.000299	0.010166	2.182306
1166	487030.94	3856357.95	16.4048	63.79984	22.56082	6.98195	1.49E+00	0.26991	0.00042	0.01617	1.77314	1.88E+00	0.340661	0.000359	0.00944	2.23E+00	1.849636	0.292993	0.000293	0.010026	2.152947
1167	486980.94	3856407.95	17.20941	64.28259	23.65527	7.46807	1.56E+00	0.27195	0.00044	0.0173	1.84924	1.97E+00	0.343238	0.000376	0.010098	2.32E+00	1.940355	0.29521	0.000307	0.010725	2.246596
1168	487030.94	3856407.95	16.84281	66.38711	23.13151	7.39301	1.53E+00	0.28085	0.00043	0.01712	1.82474	1.93E+00	0.354475	0.000368	0.009996	2.29E+00	1.899021	0.304874	0.0003	0.010617	2.214812
1169	487447.18	3856437.45	14.18711	55.04534	19.53407	8.10433	1.29E+00	0.23287	0.00037	0.01877	1.53767	1.62E+00	0.293916	0.00031	0.010958	1.93E+00	1.599592	0.252789	0.000254	0.011638	1.864272
1170	487497.18	3856437.45	13.88683	54.68986	19.0683	8.20337	1.26E+00	0.23137	0.00036	0.019	1.50918	1.59E+00	0.292018	0.000303	0.011092	1.89E+00	1.565735	0.251156	0.000248	0.01178	1.828919
1171	487547.18	3856437.45	13.53731	54.08092	18.61495	8.33008	1.23E+00	0.22879	0.00035	0.01929	1.47521	1.55E+00	0.288766	0.000296	0.011263	1.85E+00	1.526327	0.24836	0.000242	0.011962	1.786891
1172	487447.18	3856487.45	14.41742	57.32526	19.92398	8.65697	1.31E+00	0.24252	0.00037	0.02005	1.56948	1.65E+00	0.306089	0.000317	0.011705	1.97E+00	1.625559	0.263259	0.000259	0.012432	1.901509
1173	487497.18	3856487.45	14.11007	56.69257	19.47262	8.78509	1.28E+00	0.23984	0.00036	0.02035	1.53924	1.61E+00	0.302711	0.000309	0.011878	1.93E+00	1.590906	0.260353	0.000253	0.012616	1.864128
1174	487547.18	3856487.45	13.75876	57.01841	18.99327	8.95089	1.25E+00	0.24122	0.00036	0.02073	1.50915	1.57E+00	0.304451	0.000302	0.012103	1.89E+00	1.551295	0.26185	0.000247	0.012854	1.826246
1175	487447.18	3856537.45	14.61848	60.22551	20.22635	9.13631	1.32E+00	0.25478	0.00038	0.02116	1.60108	1.67E+00	0.321575	0.000321	0.012353	2.01E+00	1.648229	0.276578	0.000263	0.01312	1.938189
1176	487497.18	3856537.45	14.3217	59.86474	19.74269	9.28635	1.30E+00	0.25326	0.00037	0.02151	1.573	1.64E+00	0.319649	0.000314	0.012556	1.97E+00	1.614767	0.274921	0.000256	0.013336	1.90328
1177	487547.18	3856537.45	13.9957	58.49093	19.25524	9.53659	1.27E+00	0.24745	0.00036	0.02209	1.53822	1.60E+00	0.312314	0.000306	0.012895	1.93E+00	1.57801	0.268612	0.00025	0.013695	1.860567
1178	489285.89	3858826.54	9.37791	16.93409	13.70955	21.61398	8.50E-01	0.07164	0.00026	0.05006	0.9718	1.07E+00	0.09042	0.000218	0.029224	1.19E+00	1.057356	0.077768	0.000178	0.031039	1.166341
1179	489335.89	3858826.54	9.76293	17.63972	14.35682	22.27305	8.85E-01	0.07463	0.00027	0.05159	1.01122	1.12E+00	0.094188	0.000228	0.030116	1.24E+00	1.100767	0.081008	0.000186	0.031985	1.213947
1180	489385.89	3858826.54	10.04773	18.19994	14.74908	22.51629	9.11E-01	0.077	0.00028	0.05215	1.03997	1.15E+00	0.097179	0.000234	0.030444	1.28E+00	1.132878	0.083581	0.000191	0.032335	1.248985
1181	489435.89	3858826.54	10.22209	18.42357	15.25615	22.48243	9.26E-01	0.07794	0.00029	0.05207	1.05665	1.17E+00	0.098373	0.000242	0.030399	1.30E+00	1.152537	0.084608	0.000198	0.032286	1.269629
1182	489485.89	3858826.54	10.2635	18.37521	15.39606	23.26798	9.30E-01	0.07774	0.00029	0.05389	1.06202	1.17E+00	0.098115	0.000245	0.031461	1.30E+00	1.157206	0.084386	0.0002	0.033414	1.275206
1183	489535.89	3858826.54	10.2527	18.51692	15.30992	23.16779	9.29E-01	0.07834	0.00029	0.05366	1.0614	1.17E+00	0.098871	0.000243	0.031325	1.30E+00	1.155988	0.085037	0.000199	0.03327	1.274494
1184	489585.89	3858826.54	10.17659	18.75756	15.03997	23.09979	9.22E-01	0.07935	0.00028	0.0535	1.05536	1.16E+00	0.100156	0.000239	0.031233	1.30E+00	1.147407	0.086142	0.000195	0.033173	1.266916
1185	489635.89	3858826.54	10.09966	19.00885	14.84574	23.02809	9.15E-01	0.08042	0.00028	0.05334	1.04928	1.16E+00	0.101498	0.000236	0.031136	1.29E+00	1.138733	0.087296	0.000193	0.03307	1.259291
1186	489685.89	3858826.54	10.02736	19.17072	14.88491	22.81154	9.09E-01	0.0811	0.00028	0.05284	1.04292	1.15E+00	0.102362	0.000237	0.030844	1.28E+00	1.130581	0.088039	0.000193	0.032759	1.251572
1187	489735.89	3858826.54	10.0064	19.15425	14.86067	22.56071	9.07E-01	0.08103	0.00028	0.05225	1.04037	1.14E+00	0.102275	0.000236	0.030505	1.28E+00	1.128218	0.087963	0.000193	0.032398	1.248773
1188	489785.89	3858826.54	9.95085	19.24	14.68251	22.20111	9.02E-01	0.0814	0.00027	0.05142	1.03486	1.14E+00	0.102732	0.000233	0.030018	1.27E+00	1.121955	0.088357	0.000191	0.031882	1.242385
1189	489835.89	3858826.54	9.86023	19.29039	14.44313	21.84403	8.94E-01	0.08161	0.00027	0.05059	1.02603	1.13E+00	0.103001	0.00023	0.029535	1.26E+00	1.111738	0.088589	0.000187	0.031369	1.231883
1190	489885.89	3858826.54	9.73675	19.275	14.15855	21.54909	8.82E-01	0.08154	0.00027	0.04991	1.01408	1.11E+00	0.102919	0.000225	0.029137	1.25E+00	1.097815	0.088518	0.000184	0.030946	1.217463
1191	489935.89	3858826.54	9.56215	19.51623	13.90853	21.25465	8.67E-01	0.08256	0.00026	0.04923	0.9986	1.09E+00	0.104207	0.000221	0.028739	1.23E+00	1.078129	0.089626	0.000181	0.030523	1.198458
1192	489985.89	3858826.54	9.36912	19.70479	13.85474	20.91837	8.49E-01	0.08336	0.00026	0.04845	0.98112	1.07E+00	0.105214	0.00022	0.028284	1.21E+00	1.056365	0.090492	0.00018	0.03004	1.177077
1193	490035.89	3858826.54	9.3237	19.79157	13.85412	20.55718	8.45E-01	0.08373	0.00026	0.04761	0.97654	1.07E+00	0.105678	0.00022	0.027796	1.20E+00	1.051244	0.09089	0.00018	0.029521	1.171835
1194	489285.89	3858876.54	8.9899	16.75806	12.9991	21.7633	8.15E-01	0.0709	0.00024	0.05041	0.93623	1.03E+00	0.08948	0.000207	0.029426	1.15E+00	1.013608	0.076959	0.000169	0.031253	1.121989
1195	489335.89	3858876.54	9.49514	17.07598	13.71725	21.84192	8.60E-01	0.07224	0.00026	0.05059	0.98356	1.09E+00	0.091178	0.000218	0.029533	1.21E+00	1.070574	0.078419	0.000178	0.031366	1.180537
1196	489385.89	3858876.54	9.78554	17.70861	14.24493	22.39039	8.87E-01	0.07492	0.00027	0.05186	1.01383	1.12E+00	0.094555	0.000226	0.030274	1.24E+00	1.103316	0.081325	0.000185	0.032154	1.216979
1197	489435.89	3858876.54	10.02642	18.16144	14.5563	22.63053	9.09E-01	0.07683	0.00027	0.05242	1.03814	1.15E+00	0.096973	0.000231	0.030599	1.27E+00	1.130475	0.083404	0.000189	0.032499	1.246567
1198	489485.89	3858876.54	10.18522	18.34963	15.01902	22.53553	9.23E-01	0.07763	0.00028	0.0522	1.05311	1.16E+00	0.097978	0.000239	0.03047	1.29E+00	1.14838	0.084268	0.000195	0.032362	1.265206
1199	489535.89	3858876.54	10.25816	18.42041	15.27772	22.31665	9.30E-01	0.07793	0.00029	0.05169	1.05952	1.17E+00	0.098356	0.000243	0.030175	1.30E+00	1.156604	0.084593	0.000198	0.032048	1.273444
1200	489585.89	3858876.54	10.22354	18.3379	15.20477	23.18611	9.26E-01	0.07758	0.00028	0.0537	1.05805	1.17E+00	0.097916	0.000242	0.03135	1.30E+00	1.152701	0.084214	0.000197	0.033296	1.270409
1201	489635.89	3858876.54	10.14755	18.46393	15.0088	23.00726	9.20E-01	0.07811	0.00028	0.05329	1.05127	1.16E+00	0.098589	0.000239	0.031108	1.29E+00	1.144133	0.084793	0.000195	0.03304	1.26216
1202	489685.89	3858876.54	10.0668	18.65988	14.68338	22.95078	9.12E-01	0.07894	0.00027	0.05316	1.04465	1.15E+00	0.099635	0.000233	0.031032	1.28E+00	1.135028	0.085693	0.000191	0.032959	1.25387
1203	489735.89	3858876.54	9.97939	18.87189	14.69278	22.82524	9.04E-01	0.07984	0.00028	0.05287	1.03733	1.14E+00	0.100767	0.000234	0.030862	1.27E+00	1.125173	0.086667	0.000191	0.032778	1.244808
1204	489785.89	3858876.54	9.94647	18.9394	14.7026	22.57474	9.01E-01	0.08012	0.00028	0.05229	1.03406	1.14E+00	0.101127	0.000234	0.030523	1.27E+00	1.121461	0.086977	0.000191	0.032419	1.241047
1205	489835.89	3858876.54	9.90681	18.86553	14.60785	22.30322	8.98E-01	0.07981	0.00027	0.05166	1.02952	1.13E+00	0.100733	0.000232	0.030156	1.26E+00	1.116989	0.086638	0.00019	0.032029	1.235845
1206	489885.89	3858876.54	9.8142	18.93105	14.36857	21.91557	8.89E-01	0.08009	0.00027	0.05076	1.0205	1.12E+00	0.101083	0.000228	0.029632	1.25E+00	1.106548	0.086938	0.000187	0.031472	1.225145
1207	489935.89	3858876.54	9.70727	18.9357	14.10479	21.55285	8.80E-01	0.08011	0.00026	0.04992	1.00999	1.11E+00	0.101108	0.000224	0.029142	1.24E+00	1.094491	0.08696	0.000183	0.030951	1.212585
1208	489985.89	3858876.54	9.55891	18.97763	13.8527	21.29045	8.66E-01	0.08029	0.00026	0.04931	0.99611	1.09E+00	0.101331	0.00022	0.028787	1.22E+00	1.077764	0.087152	0.00018	0.030574	1.19567
1209	490035.89	3858876.54	9.36506	19.21478	13.7108	21.0104	8.49E-01	0.08129	0.00026	0.04866	0.97889	1.07E+00	0.102598	0.000218	0.028408	1.20E+00	1.055907	0.088241	0.000178	0.030172	1.174499
1210	489285.89	3858926.54	8.63278	16.34428	11.74755	21.66051	7.82E-01	0.06914	0.00022	0.05017	0.90186	9.87E-01	0.087271	0.000187	0.029287	1.10E+00	0.973343	0.075059	0.000152	0.031106	1.07966
1211	489335.89	3858926.54	9.10614	16.6487	13.03946	21.64532	8.25E-01	0.07043	0.00024	0.05013	0.94603	1.04E+00	0.088896	0.000207	0.029267	1.16E+00	1.026714	0.076457	0.000169	0.031084	1.134424
1212	489385.89	3858926.54	9.53031	17.12235	13.59817	21.96249	8.64E-01	0.07244	0.00025	0.05087	0.98722	1.09E+00	0.091425	0.000216	0.029696	1.21E+00	1.074539	0.078632	0.000177	0.031539	1.184887
1213	489435.89	3858926.54	9.77098	17.68739	14.07639	22.35982	8.85E-01	0.07483	0.00026	0.05179	1.01235	1.12E+00	0.094442	0.000224	0.030233	1.24E+00	1.101675	0.081227	0.000183	0.03211	1.215194
1214	489485.89	3858926.54	9.98002	18.04267	14.37884	22.61024	9.04E-01	0.07633	0.00027	0.05237	1.03338	1.14E+00	0.096339	0.000229	0.030571	1.27E+00	1.125244	0.082859	0.000187	0.032469	1.240759
1215	489535.89	3858926.54	10.13179	18.27302	14.74332	22.51281	9.18E-01	0.0773	0.00028	0.05214	1.04789	1.16E+00	0.097569	0.000234	0.03044	1.29E+00	1.142356	0.083916	0.000191	0.03233	1.258793
1216	489585.89	3858926.54	10.20803	18.31673	15.072	22.30888	9.25E-01	0.07749	0.00028	0.05167	1.05452	1.17E+00	0.097803	0.00024	0.030164	1.30E+00	1.150952	0.084117	0.000196	0.032037	1.267301

1217	489635.89	3858926.54	10.17652	18.1435	15.07135	23.07821	9.22E-01	0.07676	0.00028	0.05345	1.05271	1.16E+00	0.096878	0.00024	0.031204	1.29E+00	1.147399	0.083322	0.000196	0.033142	1.264058
1218	489685.89	3858926.54	10.11691	18.18057	14.93375	22.97175	9.17E-01	0.07691	0.00028	0.05321	1.04722	1.16E+00	0.097076	0.000237	0.03106	1.29E+00	1.140678	0.083492	0.000194	0.032989	1.257353
1219	489735.89	3858926.54	10.03174	18.31947	14.63717	22.75693	9.09E-01	0.0775	0.00027	0.05271	1.03958	1.15E+00	0.097817	0.000233	0.03077	1.28E+00	1.131075	0.08413	0.00019	0.03268	1.248075
1220	489785.89	3858926.54	9.93515	18.47288	14.4773	22.70168	9.00E-01	0.07815	0.00027	0.05258	1.03135	1.14E+00	0.098636	0.00023	0.030695	1.27E+00	1.120185	0.084834	0.000188	0.032601	1.237808
1221	489835.89	3858926.54	9.87867	18.64937	14.50726	22.53693	8.95E-01	0.0789	0.00027	0.0522	1.02659	1.13E+00	0.099579	0.000231	0.030472	1.26E+00	1.113817	0.085645	0.000188	0.032364	1.232014
1222	489885.89	3858926.54	9.84459	18.6534	14.47359	22.29236	8.92E-01	0.07891	0.00027	0.05163	1.02296	1.13E+00	0.0996	0.00023	0.030142	1.26E+00	1.109974	0.085663	0.000188	0.032013	1.227838
1223	489935.89	3858926.54	9.77395	18.54726	14.30344	21.99997	8.86E-01	0.07846	0.00027	0.05096	1.01542	1.12E+00	0.099033	0.000227	0.029746	1.25E+00	1.10201	0.085176	0.000186	0.031593	1.218964
1224	489985.89	3858926.54	9.67762	18.67141	14.07236	21.65538	8.77E-01	0.07899	0.00026	0.05016	1.00642	1.11E+00	0.099696	0.000224	0.02928	1.24E+00	1.091148	0.085746	0.000183	0.031098	1.208175
1225	490035.89	3858926.54	9.55536	18.68532	13.7965	21.29809	8.66E-01	0.07905	0.00026	0.04933	0.99456	1.09E+00	0.099771	0.000219	0.028797	1.22E+00	1.077364	0.08581	0.000179	0.030585	1.193938
1226	489335.89	3858976.54	8.62696	16.03367	11.71814	21.2508	7.82E-01	0.06783	0.00022	0.04922	0.89906	9.87E-01	0.085612	0.000186	0.028733	1.10E+00	0.972687	0.073633	0.000152	0.030517	1.076989
1227	489385.89	3858976.54	9.14569	16.44316	12.95518	21.41033	8.29E-01	0.06956	0.00024	0.04959	0.9482	1.05E+00	0.087799	0.000206	0.028949	1.16E+00	1.031173	0.075513	0.000168	0.030746	1.137601
1228	489435.89	3858976.54	9.52424	17.07615	13.45642	21.91683	8.63E-01	0.07224	0.00025	0.05076	0.98636	1.09E+00	0.091178	0.000214	0.029634	1.21E+00	1.073855	0.07842	0.000175	0.031474	1.183923
1229	489485.89	3858976.54	9.73352	17.5795	13.86729	22.27696	8.82E-01	0.07437	0.00026	0.0516	1.0083	1.11E+00	0.093866	0.00022	0.030121	1.24E+00	1.097451	0.080732	0.00018	0.031991	1.210354
1230	489535.89	3858976.54	9.92228	17.86892	14.18809	22.49265	8.99E-01	0.07559	0.00027	0.0521	1.02714	1.13E+00	0.095411	0.000225	0.030413	1.26E+00	1.118734	0.082061	0.000184	0.032301	1.233279
1231	489585.89	3858976.54	10.06462	18.13371	14.4576	22.48288	9.12E-01	0.07671	0.00027	0.05207	1.04114	1.15E+00	0.096825	0.00023	0.030399	1.28E+00	1.134782	0.083277	0.000188	0.032287	1.250533
1232	489635.89	3858976.54	10.14474	18.16534	14.82575	22.25102	9.19E-01	0.07685	0.00028	0.05154	1.048	1.16E+00	0.096994	0.000236	0.030086	1.29E+00	1.143816	0.083422	0.000192	0.031954	1.259384
1233	489685.89	3858976.54	10.12255	18.0468	14.9048	23.01921	9.17E-01	0.07635	0.00028	0.05332	1.04727	1.16E+00	0.096361	0.000237	0.031124	1.29E+00	1.141314	0.082878	0.000193	0.033057	1.257442
1234	489735.89	3858976.54	10.07268	17.97434	14.8073	22.84695	9.13E-01	0.07604	0.00028	0.05292	1.04204	1.15E+00	0.095974	0.000235	0.030892	1.28E+00	1.135691	0.082545	0.000192	0.032809	1.251238
1235	489785.89	3858976.54	9.98505	17.99207	14.55655	22.59274	9.05E-01	0.07612	0.00027	0.05233	1.03358	1.14E+00	0.096069	0.000231	0.030548	1.27E+00	1.125811	0.082626	0.000189	0.032444	1.241071
1236	489835.89	3858976.54	9.89101	18.12327	14.24993	22.47873	8.96E-01	0.07667	0.00027	0.05207	1.02535	1.13E+00	0.09677	0.000226	0.030394	1.26E+00	1.115208	0.083229	0.000185	0.032281	1.230902
1237	489885.89	3858976.54	9.80598	18.30089	14.30333	22.45455	8.89E-01	0.07742	0.00027	0.05201	1.01834	1.12E+00	0.097718	0.000227	0.030361	1.25E+00	1.105621	0.084044	0.000186	0.032246	1.222097
1238	489935.89	3858976.54	9.78854	18.41633	14.31914	22.25919	8.87E-01	0.07791	0.00027	0.05156	1.01679	1.12E+00	0.098334	0.000228	0.030097	1.25E+00	1.103655	0.084575	0.000186	0.031965	1.22038
1239	489985.89	3858976.54	9.73409	18.3922	14.22629	22.04557	8.82E-01	0.07781	0.00027	0.05106	1.01126	1.11E+00	0.098206	0.000226	0.029808	1.24E+00	1.097515	0.084464	0.000185	0.031659	1.213822
1240	490035.89	3858976.54	9.68011	18.49882	14.0733	21.86587	8.77E-01	0.07826	0.00026	0.05065	1.0064	1.11E+00	0.098775	0.000224	0.029565	1.24E+00	1.091429	0.084953	0.000183	0.031401	1.207966
1241	489385.89	3859026.54	8.79528	15.76173	11.78049	20.86407	7.97E-01	0.06668	0.00022	0.04833	0.91227	1.01E+00	0.08416	0.000187	0.02821	1.12E+00	0.991665	0.072384	0.000153	0.029962	1.094163
1242	489435.89	3859026.54	9.17702	16.33436	12.81846	21.22319	8.32E-01	0.0691	0.00024	0.04916	0.95014	1.05E+00	0.087218	0.000204	0.028696	1.17E+00	1.034706	0.075013	0.000166	0.030478	1.140363
1243	489485.89	3859026.54	9.50898	16.99894	13.32652	21.78257	8.62E-01	0.07191	0.00025	0.05045	0.98434	1.09E+00	0.090766	0.000212	0.029452	1.21E+00	1.072134	0.078065	0.000173	0.031281	1.181654
1244	489535.89	3859026.54	9.69619	17.43204	13.63744	22.17402	8.79E-01	0.07375	0.00026	0.05136	1.00405	1.11E+00	0.093079	0.000217	0.029982	1.23E+00	1.093242	0.080054	0.000177	0.031843	1.205317
1245	489585.89	3859026.54	9.86069	17.72153	13.98094	22.3033	8.94E-01	0.07497	0.00026	0.05166	1.02049	1.13E+00	0.094624	0.000222	0.030156	1.25E+00	1.111789	0.081384	0.000181	0.032029	1.225383
1246	489635.89	3859026.54	9.99502	17.96461	14.16697	22.37674	9.06E-01	0.076	0.00027	0.05183	1.03386	1.14E+00	0.095922	0.000225	0.030256	1.27E+00	1.126935	0.0825	0.000184	0.032134	1.241753
1247	489685.89	3859026.54	10.07629	18.04913	14.5562	22.1506	9.13E-01	0.07636	0.00027	0.0513	1.04107	1.15E+00	0.096374	0.000231	0.02995	1.28E+00	1.136098	0.082888	0.000189	0.031809	1.250985
1248	489735.89	3859026.54	10.09181	17.99492	14.74469	21.90521	9.15E-01	0.07613	0.00028	0.05074	1.04168	1.15E+00	0.096084	0.000234	0.029618	1.28E+00	1.137848	0.082639	0.000191	0.031457	1.252136
1249	489785.89	3859026.54	10.04593	17.86361	14.69405	21.64746	9.10E-01	0.07557	0.00028	0.05014	1.03637	1.15E+00	0.095383	0.000234	0.02927	1.27E+00	1.132675	0.082036	0.000191	0.031087	1.245989
1250	489835.89	3859026.54	9.93613	17.76053	14.4882	22.54185	9.00E-01	0.07514	0.00027	0.05221	1.02805	1.14E+00	0.094833	0.00023	0.030479	1.26E+00	1.120295	0.081563	0.000188	0.032371	1.234418
1251	489885.89	3859026.54	9.851	17.83024	14.17983	22.34794	8.93E-01	0.07543	0.00027	0.05176	1.02018	1.13E+00	0.095205	0.000225	0.030217	1.25E+00	1.110697	0.081883	0.000184	0.032093	1.224857
1252	489935.89	3859026.54	9.75994	17.97027	14.10084	22.33267	8.84E-01	0.07602	0.00026	0.05173	1.01248	1.12E+00	0.095953	0.000224	0.030196	1.24E+00	1.10043	0.082526	0.000183	0.032071	1.21521
1253	489985.89	3859026.54	9.7309	18.12032	14.14321	22.24266	8.82E-01	0.07666	0.00026	0.05152	1.01028	1.11E+00	0.096754	0.000225	0.030074	1.24E+00	1.097156	0.083215	0.000184	0.031942	1.212496
1254	490035.89	3859026.54	9.73779	18.38237	14.18987	22.24496	8.82E-01	0.07777	0.00027	0.05152	1.01201	1.11E+00	0.098153	0.000226	0.030078	1.24E+00	1.097932	0.084419	0.000184	0.031945	1.21448
1255	489485.89	3859076.54	9.258	16.39992	12.71092	21.31547	8.39E-01	0.06938	0.00024	0.04937	0.95797	1.06E+00	0.087568	0.000202	0.028821	1.18E+00	1.043836	0.075315	0.000165	0.03061	1.149926
1256	489535.89	3859076.54	9.49406	16.93198	13.19596	21.71746	8.60E-01	0.07163	0.00025	0.0503	0.98255	1.09E+00	0.090409	0.00021	0.029364	1.21E+00	1.070452	0.077758	0.000171	0.031187	1.179569
1257	489585.89	3859076.54	9.65437	17.2956	13.44034	22.01645	8.75E-01	0.07317	0.00025	0.05099	0.99931	1.10E+00	0.09235	0.000214	0.029769	1.23E+00	1.088527	0.079428	0.000174	0.031617	1.199746
1258	489635.89	3859076.54	9.79812	17.56355	13.74673	22.12193	8.88E-01	0.0743	0.00026	0.05124	1.01372	1.12E+00	0.093781	0.000218	0.029911	1.24E+00	1.104735	0.080658	0.000178	0.031768	1.21734
1259	489685.89	3859076.54	9.92701	17.73875	13.91075	22.22926	9.00E-01	0.07504	0.00026	0.05149	1.0264	1.14E+00	0.094716	0.000221	0.030056	1.26E+00	1.119267	0.081463	0.000181	0.031922	1.232833
1260	489735.89	3859076.54	10.0051	17.87195	14.25069	22.0965	9.07E-01	0.07561	0.00027	0.05118	1.03374	1.14E+00	0.095428	0.000226	0.029877	1.27E+00	1.128072	0.082075	0.000185	0.031732	1.242063
1261	489785.89	3859076.54	10.02365	17.80449	14.51013	21.81913	9.08E-01	0.07532	0.00027	0.05054	1.0345	1.15E+00	0.095067	0.000231	0.029502	1.27E+00	1.130163	0.081765	0.000188	0.031333	1.24345
1262	489835.89	3859076.54	9.99446	17.75221	14.54595	21.53375	9.06E-01	0.0751	0.00027	0.04988	1.03097	1.14E+00	0.094788	0.000231	0.029116	1.27E+00	1.126872	0.081525	0.000189	0.030924	1.239509
1263	489885.89	3859076.54	9.8885	17.54891	14.3813	22.4066	8.96E-01	0.07424	0.00027	0.0519	1.02252	1.13E+00	0.093703	0.000229	0.030296	1.26E+00	1.114925	0.080591	0.000187	0.032177	1.22788
1264	489935.89	3859076.54	9.801	17.5303	14.1248	22.2365	8.88E-01	0.07416	0.00026	0.0515	1.01412	1.12E+00	0.093603	0.000224	0.030066	1.24E+00	1.105059	0.080506	0.000183	0.031933	1.217681
1265	489985.89	3859076.54	9.71409	17.64044	13.87739	22.16489	8.80E-01	0.07463	0.00026	0.05134	1.00654	1.11E+00	0.094192	0.000221	0.029969	1.24E+00	1.09526	0.081011	0.00018	0.03183	1.208282
1266	490035.89	3859076.54	9.70073	17.91125	14.01745	22.36319	8.79E-01	0.07577	0.00026	0.0518	1.00693	1.11E+00	0.095637	0.000223	0.030237	1.24E+00	1.093754	0.082255	0.000182	0.032115	1.208306
1267	489585.89	3859126.54	9.50975	16.86806	13.06152	21.66773	8.62E-01	0.07136	0.00024	0.05019	0.98359	1.09E+00	0.090067	0.000208	0.029297	1.21E+00	1.072221	0.077464	0.00017	0.031116	1.180971
1268	489635.89	3859126.54	9.63339	17.15468	13.23673	21.86673	8.73E-01	0.07257	0.00025	0.05065	0.99647	1.10E+00	0.091598	0.00021	0.029566	1.22E+00	1.086161	0.078781	0.000172	0.031402	1.196516
1269	489685.89	3859126.54	9.74887	17.38385	13.51646	21.95405	8.83E-01	0.07354	0.00025	0.05085	1.00811	1.12E+00	0.092821	0.000215	0.029684	1.24E+00	1.099182	0.079833	0.000175	0.031527	1.210717
1270	489735.89	3859126.54	9.86284	17.50034	13.70005	22.0313	8.94E-01	0.07404	0.00026	0.05103	1.01911	1.13E+00	0.093443	0.000218	0.029789	1.25E+00	1.112032	0.080368	0.000178	0.031638	1.224216
1271	489785.89	3859126.54	9.9327	17.68199	13.9642	21.98272	9.00E-01	0.0748	0.00026	0.05092	1.0261	1.14E+00	0.094413	0.000222	0.029723	1.26E+00	1.119909	0.081202	0.000181	0.031568	1.23286
1272	489835.89	3859126.54	9.95797	17.68997	14.26856	21.68051	9.02E-01	0.07484	0.00027	0.05022	1.02773	1.14E+00	0.094456	0.000227	0.029314	1.26E+00	1.122758	0.081239	0.000185	0.031134	1.235316
1273	489885.89	3859126.54	9.90321	17.52442	14.33196	22.47078	8.97E-01	0.07414	0.00027	0.05205	1.0239	1.13E+00	0.093572	0.000228	0.030383	1.26E+00	1.116584	0.080479	0.000186	0.032269	1.229517
1274	489935.89	3859126.54	9.83755	17.37976	14.24699	22.26262	8.91E-01	0.07353	0.00027	0.05156	1.01686	1.13E+00	0.0928	0.000226	0.030101	1.25E+00	1.10918	0.079814	0.000185	0.03197	1.22115
1275	489985.89	3859126.54	9.77277	17.36231	14.07729	22.33944	8.86E-01	0.07345	0.00026	0.05174	1.01109	1.12E+00	0.092706	0.000224	0.030205	1.24E+00	1.101876	0.079734	0.000183	0.032081	1.213874
1276	490035.89	3859126.54	9.71479	17.42954	13.82844	22.28264	8.80E-01	0.07374	0.00026	0.05161	1.00598	1.11E+00	0.093065	0.00022	0.030129	1.23E+00	1.095339	0.080043	0.000179	0.031999	1.207561
1277	489585.89	3859176.54	9.63851	16.53092	12.56918	21.52069	8.73E-01	0.06993	0.00024	0.04985	0.99348	1.10E+00	0.088267	0.0002	0.029098	1.22E+00	1.086739	0.075916	0.000163	0.030905	1.193723

1278	489635.89	3859176.54	9.57246	16.80528	12.93446	21.61956	8.67E-01	0.07109	0.00024	0.05008	0.98889	1.09E+00	0.089732	0.000206	0.029232	1.21E+00	1.079292	0.077176	0.000168	0.031047	1.187682
1279	489685.89	3859176.54	9.63058	17.03243	13.04079	21.70904	8.73E-01	0.07206	0.00024	0.05028	0.99533	1.10E+00	0.090945	0.000207	0.029353	1.22E+00	1.085845	0.078219	0.000169	0.031175	1.195408
1280	489735.89	3859176.54	9.71762	17.19084	13.28219	21.82707	8.81E-01	0.07273	0.00025	0.05056	1.00416	1.11E+00	0.091791	0.000211	0.029513	1.23E+00	1.095658	0.078947	0.000172	0.031345	1.206122
1281	489785.89	3859176.54	9.79994	17.32012	13.49746	21.82029	8.88E-01	0.07327	0.00025	0.05054	1.01216	1.12E+00	0.092481	0.000215	0.029503	1.24E+00	1.10494	0.07954	0.000175	0.031335	1.215991
1282	489835.89	3859176.54	9.86468	17.48618	13.67672	21.82101	8.94E-01	0.07398	0.00026	0.05054	1.01873	1.13E+00	0.093368	0.000217	0.029504	1.25E+00	1.112239	0.080303	0.000178	0.031336	1.224056
1283	489885.89	3859176.54	9.89188	17.55654	14.0139	21.59705	8.96E-01	0.07427	0.00026	0.05002	1.02098	1.13E+00	0.093744	0.000223	0.029202	1.25E+00	1.115306	0.080626	0.000182	0.031014	1.227129
1284	489935.89	3859176.54	9.87868	17.45243	14.18075	21.29522	8.95E-01	0.07383	0.00027	0.04932	1.01865	1.13E+00	0.093188	0.000225	0.028793	1.25E+00	1.113818	0.080148	0.000184	0.030581	1.224731
1285	489985.89	3859176.54	9.79855	17.29905	14.13273	22.38675	8.88E-01	0.07318	0.00026	0.05185	1.01327	1.12E+00	0.092369	0.000225	0.030269	1.24E+00	1.104783	0.079444	0.000183	0.032149	1.216559
1286	490035.89	3859176.54	9.71555	17.15766	13.98118	22.19477	8.80E-01	0.07259	0.00026	0.05141	1.0047	1.11E+00	0.091614	0.000222	0.03001	1.23E+00	1.095425	0.078794	0.000181	0.031873	1.206274
1287	489685.89	3859226.54	9.67205	16.7222	12.80704	21.56154	8.77E-01	0.07074	0.00024	0.04994	0.99743	1.11E+00	0.089289	0.000204	0.029154	1.22E+00	1.09052	0.076795	0.000166	0.030964	1.198445
1288	489735.89	3859226.54	9.65246	16.91482	12.89912	21.6128	8.75E-01	0.07156	0.00024	0.05006	0.99659	1.10E+00	0.090317	0.000205	0.029223	1.22E+00	1.088312	0.077679	0.000167	0.031037	1.197195
1289	489785.89	3859226.54	9.69787	17.02533	13.06212	21.66802	8.79E-01	0.07203	0.00024	0.05019	1.0013	1.11E+00	0.090907	0.000208	0.029298	1.23E+00	1.093432	0.078187	0.00017	0.031116	1.202904
1290	489835.89	3859226.54	9.74912	17.18237	13.29798	21.60956	8.83E-01	0.07269	0.00025	0.05005	1.00648	1.12E+00	0.091746	0.000211	0.029218	1.24E+00	1.09921	0.078908	0.000173	0.031032	1.209323
1291	489885.89	3859226.54	9.79752	17.29253	13.40837	21.62051	8.88E-01	0.07316	0.00025	0.05008	1.01136	1.12E+00	0.092334	0.000213	0.029233	1.24E+00	1.104667	0.079414	0.000174	0.031048	1.215303
1292	489935.89	3859226.54	9.82218	17.40446	13.74663	21.4756	8.90E-01	0.07363	0.00026	0.04974	1.01374	1.12E+00	0.092931	0.000218	0.029037	1.25E+00	1.107447	0.079928	0.000178	0.03084	1.218394
1293	489985.89	3859226.54	9.787	17.28568	13.94753	22.56728	8.87E-01	0.07313	0.00026	0.05227	1.01258	1.12E+00	0.092297	0.000222	0.030513	1.24E+00	1.103481	0.079382	0.000181	0.032408	1.215452
1294	490035.89	3859226.54	9.74433	17.166	13.98055	22.32184	8.83E-01	0.07262	0.00026	0.0517	1.00764	1.11E+00	0.091658	0.000222	0.030182	1.24E+00	1.09867	0.078833	0.000181	0.032055	1.209739
1295	489735.89	3859276.54	9.79435	16.63252	12.67702	21.50641	8.88E-01	0.07036	0.00024	0.04981	1.008	1.12E+00	0.08881	0.000201	0.029079	1.24E+00	1.10431	0.076383	0.000165	0.030884	1.211741
1296	489785.89	3859276.54	9.70188	16.80307	12.7925	21.50651	8.79E-01	0.07109	0.00024	0.04981	1.00034	1.11E+00	0.08972	0.000203	0.029079	1.23E+00	1.093884	0.077166	0.000166	0.030884	1.2021
1297	489835.89	3859276.54	9.68897	16.92079	12.87342	21.48698	8.78E-01	0.07158	0.00024	0.04977	0.99963	1.11E+00	0.090349	0.000205	0.029053	1.23E+00	1.092428	0.077707	0.000167	0.030856	1.201158
1298	489885.89	3859276.54	9.71173	17.0287	13.0871	21.41324	8.80E-01	0.07204	0.00024	0.0496	1.00198	1.11E+00	0.090925	0.000208	0.028953	1.23E+00	1.094994	0.078202	0.00017	0.030751	1.204117
1299	489935.89	3859276.54	9.73028	17.09614	13.20087	21.39271	8.82E-01	0.07233	0.00025	0.04955	1.0039	1.11E+00	0.091285	0.00021	0.028925	1.23E+00	1.097086	0.078512	0.000171	0.030721	1.20649
1300	489985.89	3859276.54	9.70277	17.16668	13.45652	22.91288	8.79E-01	0.07262	0.00025	0.05307	1.00523	1.11E+00	0.091662	0.000214	0.030981	1.23E+00	1.093984	0.078836	0.000175	0.032904	1.205899
1301	490035.89	3859276.54	9.71107	17.1288	13.69635	22.37622	8.80E-01	0.07246	0.00026	0.05183	1.00459	1.11E+00	0.09146	0.000218	0.030255	1.23E+00	1.09492	0.078662	0.000178	0.032133	1.205893
1302	490458.06	3859590.74	9.31981	15.91322	12.56049	19.70503	8.45E-01	0.06732	0.00024	0.04564	0.95778	1.07E+00	0.084969	0.0002	0.026643	1.18E+00	1.050805	0.073079	0.000163	0.028297	1.152345
1303	490508.06	3859590.74	9.2442	15.82584	12.65231	19.32331	8.38E-01	0.06695	0.00024	0.04476	0.94967	1.06E+00	0.084502	0.000201	0.026127	1.17E+00	1.04228	0.072678	0.000164	0.027749	1.142872
1304	490558.06	3859590.74	9.12778	15.73565	12.5833	19.10709	8.27E-01	0.06657	0.00024	0.04426	0.93824	1.04E+00	0.084021	0.0002	0.025835	1.15E+00	1.029154	0.072264	0.000163	0.027439	1.12902
1305	490608.06	3859590.74	8.99371	15.55365	12.42566	20.37845	8.15E-01	0.0658	0.00023	0.0472	0.92826	1.03E+00	0.083049	0.000197	0.027554	1.14E+00	1.014038	0.071428	0.000161	0.029265	1.114892
1306	490658.06	3859590.74	8.85977	15.45052	12.18529	20.51095	8.03E-01	0.06536	0.00023	0.04751	0.91599	1.01E+00	0.082498	0.000194	0.027733	1.12E+00	0.998936	0.070955	0.000158	0.029455	1.099504
1307	490708.06	3859590.74	8.82384	15.3934	11.98981	20.54248	8.00E-01	0.06512	0.00022	0.04758	0.91256	1.01E+00	0.082193	0.000191	0.027776	1.12E+00	0.994885	0.070692	0.000156	0.0295	1.095233
1308	490758.06	3859590.74	8.81438	15.30147	12.12958	20.48061	7.99E-01	0.06473	0.00023	0.04744	0.91117	1.01E+00	0.081703	0.000193	0.027692	1.12E+00	0.993818	0.07027	0.000157	0.029411	1.093657
1309	490808.06	3859590.74	8.77932	15.36159	12.19557	20.38013	7.96E-01	0.06499	0.00023	0.0472	0.90802	1.00E+00	0.082024	0.000194	0.027556	1.11E+00	0.989865	0.070546	0.000158	0.029267	1.089837
1310	490858.06	3859590.74	8.67175	15.43222	12.13357	20.39868	7.86E-01	0.06529	0.00023	0.04725	0.89861	9.92E-01	0.082401	0.000193	0.027581	1.10E+00	0.977737	0.07087	0.000157	0.029294	1.078058
1311	490458.06	3859640.74	9.30559	15.65015	12.10044	19.69181	8.43E-01	0.06621	0.00023	0.04561	0.95534	1.06E+00	0.083564	0.000192	0.026625	1.17E+00	1.049202	0.071871	0.000157	0.028278	1.149509
1312	490508.06	3859640.74	9.26561	15.72312	12.33185	19.5591	8.40E-01	0.06652	0.00023	0.0453	0.95172	1.06E+00	0.083954	0.000196	0.026446	1.17E+00	1.044694	0.072206	0.00016	0.028088	1.145149
1313	490558.06	3859640.74	9.20406	15.66997	12.45922	19.24956	8.34E-01	0.06629	0.00023	0.04459	0.9452	1.05E+00	0.08367	0.000198	0.026027	1.16E+00	1.037755	0.071962	0.000162	0.027643	1.137522
1314	490608.06	3859640.74	9.08746	15.5642	12.45175	18.92736	8.24E-01	0.06584	0.00023	0.04384	0.93344	1.04E+00	0.083105	0.000198	0.025592	1.15E+00	1.024608	0.071477	0.000162	0.027181	1.123427
1315	490658.06	3859640.74	8.94407	15.43141	12.33341	20.28493	8.11E-01	0.06528	0.00023	0.04698	0.92303	1.02E+00	0.082396	0.000196	0.027427	1.13E+00	1.008441	0.070867	0.00016	0.02913	1.108598
1316	490708.06	3859640.74	8.81236	15.33365	12.12232	20.42499	7.99E-01	0.06487	0.00023	0.04731	0.911	1.01E+00	0.081874	0.000193	0.027617	1.12E+00	0.993591	0.070418	0.000157	0.029331	1.093497
1317	490758.06	3859640.74	8.7418	15.23679	11.81741	20.50513	7.92E-01	0.06446	0.00022	0.04749	0.90437	1.00E+00	0.081357	0.000188	0.027725	1.11E+00	0.985635	0.069973	0.000153	0.029446	1.085208
1318	490808.06	3859640.74	8.73484	15.15433	11.90456	20.33729	7.92E-01	0.06411	0.00022	0.04711	0.90301	9.99E-01	0.080917	0.000189	0.027498	1.11E+00	0.98485	0.069594	0.000155	0.029205	1.083804
1319	490858.06	3859640.74	8.70467	15.09453	12.00415	20.23095	7.89E-01	0.06386	0.00022	0.04686	0.89978	9.96E-01	0.080598	0.000191	0.027354	1.10E+00	0.981449	0.06932	0.000156	0.029053	1.079977
1320	490608.06	3859690.74	9.1693	15.54038	12.28402	19.11986	8.31E-01	0.06574	0.00023	0.04429	0.9412	1.05E+00	0.082978	0.000195	0.025852	1.16E+00	1.033835	0.071367	0.000159	0.027457	1.132819
1321	490658.06	3859690.74	9.00168	15.40857	12.30161	19.84005	8.16E-01	0.06519	0.00023	0.04595	0.92712	1.03E+00	0.082274	0.000196	0.026826	1.14E+00	1.014936	0.070762	0.00016	0.028491	1.114349
1322	490708.06	3859690.74	8.89793	15.30573	12.21689	20.14715	8.06E-01	0.06475	0.00023	0.04666	0.91799	1.02E+00	0.081725	0.000194	0.027241	1.13E+00	1.003239	0.07029	0.000159	0.028932	1.102619
1323	490758.06	3859690.74	8.78294	15.20476	12.04718	20.33901	7.96E-01	0.06432	0.00023	0.04711	0.90759	1.00E+00	0.081186	0.000191	0.027501	1.11E+00	0.990273	0.069826	0.000156	0.029208	1.089464
1324	490808.06	3859690.74	8.66536	15.10908	11.73339	20.37738	7.85E-01	0.06392	0.00022	0.0472	0.89661	9.91E-01	0.080675	0.000186	0.027552	1.10E+00	0.977016	0.069387	0.000152	0.029263	1.075818
1325	490858.06	3859690.74	8.65208	14.99616	11.65613	20.14213	7.84E-01	0.06344	0.00022	0.04665	0.89438	9.90E-01	0.080072	0.000185	0.027234	1.10E+00	0.975519	0.068868	0.000151	0.028925	1.073463
1326	490708.06	3859740.74	9.00172	15.35006	12.18127	18.66236	8.16E-01	0.06494	0.00023	0.04323	0.92415	1.03E+00	0.081962	0.000194	0.025234	1.14E+00	1.014941	0.070493	0.000158	0.0268	1.112392
1327	490758.06	3859740.74	8.84929	15.11878	12.05766	19.65968	8.02E-01	0.06396	0.00023	0.04554	0.91166	1.01E+00	0.080727	0.000192	0.026582	1.12E+00	0.997754	0.069431	0.000157	0.028232	1.095574
1328	490808.06	3859740.74	8.73069	15.02595	11.89812	19.8215	7.91E-01	0.06357	0.00022	0.04591	0.90089	9.99E-01	0.080231	0.000189	0.026801	1.11E+00	0.984382	0.069005	0.000154	0.028465	1.082006
1329	490858.06	3859740.74	8.59598	14.92052	11.63493	19.82337	7.79E-01	0.06312	0.00022	0.04591	0.88824	9.83E-01	0.079668	0.000185	0.026803	1.09E+00	0.969194	0.068521	0.000151	0.028467	1.066333
1330	490786.56	3859749.39	8.80276	15.0545	12.00196	19.6353	7.98E-01	0.06369	0.00022	0.04548	0.90712	1.01E+00	0.080384	0.000191	0.026549	1.11E+00	0.992508	0.069136	0.000156	0.028197	1.089997
1331	490836.56	3859749.39	8.6582	14.95781	11.79839	19.7424	7.85E-01	0.06328	0.00022	0.04573	0.89385	9.90E-01	0.079868	0.000188	0.026694	1.10E+00	0.976209	0.068692	0.000153	0.028351	1.073405
1332	490786.56	3859799.39	8.92172	15.02069	11.92022	18.35428	8.09E-01	0.06355	0.00022	0.04251	0.91479	1.02E+00	0.080203	0.000189	0.024817	1.13E+00	1.005921	0.068981	0.000155	0.026358	1.101414
1333	490836.56	3859799.39	8.81766	14.91516	11.87864	18.10766	7.99E-01	0.0631	0.00022	0.04194	0.90434	1.01E+00	0.07964	0.000189	0.024484	1.11E+00	0.994188	0.068496	0.000154	0.026004	1.088842
1334	492307.84	3854508.36	3.37833	8.94061	4.09417	2.2076	3.06E-01	0.03782	7.7E-05	0.00511	0.34916	3.86E-01	0.047739	6.51E-05	0.002985	4.37E-01	0.380906	0.041059	5.31E-05	0.00317	0.425188
1335	486445.7	3854753.6	5.86608	15.84858	5.66864	2.7045	5.32E-01	0.06705	0.00011	0.00626	0.60501	6.71E-01	0.084624	9.01E-05	0.003657	7.59E-01	0.661399	0.072783	7.36E-05	0.003884	0.738138
1336	472599.75	3877830.11	0.47093	1.05854	0.62877	1.18713	4.27E-02	0.00448	1.2E-05	0.00275	0.04992	5.39E-02	0.005652	9.99E-06	0.001605	6.11E-02	0.053097	0.004861	8.16E-06	0.001705	0.059671
1337	493107.48	3866840.19	4.11419	6.49525	4.97005	5.3333	3.73E-01	0.02748	9.3E-05	0.01235	0.41276	4.71E-01	0.034682	7.9E-05	0.007211	5.13E-01	0.463874	0.029829	6.45E-05	0.007659	0.501426
1338	495815.79	3861662.87	3.75925	6.50125	4.88551	8.44502	3.41E-01	0.0275	9.1E-05	0.01956	0.38783	4.30E-01	0.034714	7.76E-05	0.011419	4.76E-01	0.423854	0.029856	6.34E-05	0.012127	0.465901

1339	480272.33	3841389.2	0.5138	0.68222	0.63702	0.6742		4.66E-02	0.00289	1.2E-05	0.00156	0.05102		5.88E-02	0.003643	1.01E-05	0.000912	6.33E-02		0.057931	0.003133	8.27E-06	0.000968	0.06204						
1340	497005.18	3862813.64	3.34144	5.43655	3.93389	6.94444		3.03E-01	0.023	7.4E-05	0.01608	0.34197		3.82E-01	0.029029	6.25E-05	0.00939	4.21E-01		0.376746	0.024967	5.11E-05	0.009973	0.411737						
1341	493677.33	3860302.55	5.77875	9.25267	7.84275	12.00166		5.24E-01	0.03914	0.00015	0.0278	0.59077		6.61E-01	0.049405	0.000125	0.016228	7.27E-01		0.651552	0.042492	0.000102	0.017235	0.711381						
1342	493727.33	3860302.55	5.75833	9.07492	7.80924	11.80796		5.22E-01	0.03839	0.00015	0.02735	0.58772		6.59E-01	0.048456	0.000124	0.015966	7.23E-01		0.64925	0.041675	0.000101	0.016957	0.707983						
1343	493777.33	3860302.55	5.73453	8.8982	7.79064	11.64585		5.20E-01	0.03764	0.00015	0.02697	0.58444		6.56E-01	0.047512	0.000124	0.015746	7.19E-01		0.646566	0.040864	0.000101	0.016724	0.704255						
1344	493827.33	3860302.55	5.7041	8.74249	7.75379	11.47391		5.17E-01	0.03699	0.00015	0.02658	0.58062		6.52E-01	0.046681	0.000123	0.015514	7.15E-01		0.643135	0.040149	0.000101	0.016477	0.699862						
1345	493877.33	3860302.55	5.6612	8.58798	7.68914	11.24739		5.13E-01	0.03633	0.00014	0.02605	0.57556		6.48E-01	0.045856	0.000122	0.015208	7.09E-01		0.638298	0.039439	9.98E-05	0.016152	0.693989						
1346	493927.33	3860302.55	5.60898	8.46826	7.6027	10.98815		5.08E-01	0.03583	0.00014	0.02545	0.56972		6.42E-01	0.045216	0.000121	0.014857	7.02E-01		0.632411	0.038889	9.87E-05	0.01578	0.687178						
1347	493977.33	3860302.55	5.57506	8.40021	7.55571	10.8697		5.05E-01	0.03554	0.00014	0.02518	0.56608		6.38E-01	0.044853	0.00012	0.014697	6.97E-01		0.628586	0.038577	9.81E-05	0.015609	0.682871						
1348	494027.33	3860302.55	5.52408	8.29793	7.48948	10.6554		5.01E-01	0.0351	0.00014	0.02468	0.56053		6.32E-01	0.044307	0.000119	0.014407	6.91E-01		0.622838	0.038107	9.72E-05	0.015302	0.676344						
1349	493677.33	3860352.55	5.7474	9.42393	7.74418	12.0548		5.21E-01	0.03987	0.00014	0.02792	0.58878		6.57E-01	0.050319	0.000123	0.016299	7.24E-01		0.648017	0.043278	0.000101	0.017311	0.708707						
1350	493727.33	3860352.55	5.71618	9.25892	7.72256	11.4634		5.18E-01	0.03917	0.00014	0.02655	0.58388		6.54E-01	0.049438	0.000123	0.0155	7.19E-01		0.644497	0.04252	0.0001	0.016462	0.70358						
1351	493777.33	3860352.55	5.68191	9.08727	7.68229	11.27507		5.15E-01	0.03844	0.00014	0.02612	0.57961		6.50E-01	0.048522	0.000122	0.015245	7.14E-01		0.640633	0.041732	9.97E-05	0.016192	0.698657						
1352	493827.33	3860352.55	5.65895	8.9189	7.64996	11.07412		5.13E-01	0.03773	0.00014	0.02565	0.57635		6.47E-01	0.047623	0.000122	0.014973	7.10E-01		0.638045	0.040959	9.93E-05	0.015903	0.695006						
1353	493877.33	3860352.55	5.63417	8.75353	7.63544	11.33363		5.11E-01	0.03703	0.00014	0.02625	0.57401		6.44E-01	0.04674	0.000121	0.015324	7.07E-01		0.635251	0.040199	9.91E-05	0.016276	0.691825						
1354	493927.33	3860352.55	5.6117	8.60704	7.61259	11.23659		5.09E-01	0.03641	0.00014	0.02603	0.57112		6.42E-01	0.045957	0.000121	0.015193	7.03E-01		0.632717	0.039527	9.88E-05	0.016136	0.688479						
1355	493977.33	3860352.55	5.58761	8.48756	7.57758	11.14095		5.06E-01	0.03591	0.00014	0.0258	0.56821		6.39E-01	0.04532	0.00012	0.015064	7.00E-01		0.630001	0.038978	9.84E-05	0.015999	0.685076						
1356	494027.33	3860352.55	5.54066	8.36171	7.50133	10.91857		5.02E-01	0.03537	0.00014	0.02529	0.56291		6.34E-01	0.044648	0.000119	0.014763	6.93E-01		0.624708	0.0384	9.74E-05	0.01568	0.678885						
1357	493677.33	3860402.55	5.69571	9.54418	7.57828	11.78026		5.16E-01	0.04038	0.00014	0.02729	0.58396		6.51E-01	0.050961	0.00012	0.015928	7.18E-01		0.642189	0.04383	9.84E-05	0.016917	0.703035						
1358	493727.33	3860402.55	5.67456	9.38927	7.57288	11.64317		5.14E-01	0.03972	0.00014	0.02697	0.58107		6.49E-01	0.050134	0.00012	0.015743	7.15E-01		0.639805	0.043119	9.83E-05	0.01672	0.699742						
1359	493777.33	3860402.55	5.66729	9.26676	7.60018	11.48579		5.14E-01	0.0392	0.00014	0.0266	0.57953		6.48E-01	0.04948	0.000121	0.01553	7.13E-01		0.638985	0.042556	9.87E-05	0.016494	0.698134						
1360	493827.33	3860402.55	5.63096	9.09561	7.56986	11.31883		5.10E-01	0.03848	0.00014	0.02622	0.57513		6.44E-01	0.048566	0.00012	0.015304	7.08E-01		0.634889	0.04177	9.83E-05	0.016254	0.693012						
1361	493877.33	3860402.55	5.60001	8.93454	7.53298	11.13477		5.07E-01	0.0378	0.00014	0.02579	0.57121		6.41E-01	0.047706	0.00012	0.015055	7.03E-01		0.631399	0.041031	9.78E-05	0.01599	0.688518						
1362	493927.33	3860402.55	5.58248	8.803	7.52698	10.93487		5.06E-01	0.03724	0.00014	0.02533	0.56861		6.39E-01	0.047004	0.00012	0.014785	7.00E-01		0.629423	0.040427	9.77E-05	0.015703	0.68565						
1363	493977.33	3860402.55	5.57035	8.67361	7.53927	11.30396		5.05E-01	0.03669	0.00014	0.02618	0.56781		6.37E-01	0.046313	0.00012	0.015284	6.99E-01		0.628055	0.039832	9.79E-05	0.016233	0.684218						
1364	494027.33	3860402.55	5.53227	8.49292	7.49169	11.07704		5.01E-01	0.03593	0.00014	0.02566	0.56307		6.33E-01	0.045348	0.000119	0.014977	6.93E-01		0.623762	0.039003	9.72E-05	0.015907	0.678769						
1365	493677.33	3860452.55	5.62284	9.62273	7.41914	11.83323		5.10E-01	0.04071	0.00014	0.02741	0.57781		6.43E-01	0.051381	0.000118	0.016	7.11E-01		0.633973	0.044191	9.63E-05	0.016993	0.695254						
1366	493727.33	3860452.55	5.5905	9.46743	7.38913	11.73829		5.07E-01	0.04005	0.00014	0.02719	0.574		6.39E-01	0.050552	0.000117	0.015871	7.06E-01		0.630327	0.043478	9.59E-05	0.016857	0.690758						
1367	493777.33	3860452.55	5.57917	9.33711	7.40839	11.62425		5.06E-01	0.0395	0.00014	0.02692	0.57216		6.38E-01	0.049856	0.000118	0.015717	7.04E-01		0.62905	0.042879	9.62E-05	0.016693	0.688718						
1368	493827.33	3860452.55	5.57845	9.22534	7.42985	11.48967		5.06E-01	0.03903	0.00014	0.02661	0.57131		6.38E-01	0.049259	0.000118	0.015535	7.03E-01		0.628968	0.042366	9.64E-05	0.0165	0.687931						
1369	493877.33	3860452.55	5.56561	9.09197	7.44237	11.34021		5.04E-01	0.03846	0.00014	0.02627	0.56924		6.37E-01	0.048547	0.000118	0.015333	7.01E-01		0.627521	0.041754	9.66E-05	0.016285	0.685656						
1370	493927.33	3860452.55	5.55996	8.99225	7.46679	11.17016		5.04E-01	0.03804	0.00014	0.02587	0.56791		6.36E-01	0.048014	0.000119	0.015103	6.99E-01		0.626884	0.041296	9.69E-05	0.016041	0.684317						
1371	493977.33	3860452.55	5.53263	8.84165	7.43404	10.99094		5.01E-01	0.0374	0.00014	0.02546	0.56438		6.33E-01	0.04721	0.000118	0.014861	6.95E-01		0.623802	0.040604	9.65E-05	0.015784	0.680286						
1372	494027.33	3860452.55	5.50768	8.68433	7.40244	10.79977		4.99E-01	0.03674	0.00014	0.02501	0.56101		6.30E-01	0.04637	0.000118	0.014602	6.91E-01		0.620989	0.039882	9.61E-05	0.015509	0.676476						
1373	493677.33	3860502.55	5.56632	9.62213	7.38611	11.88597		5.04E-01	0.04071	0.00014	0.02753	0.57281		6.37E-01	0.051378	0.000117	0.016071	7.04E-01		0.627601	0.044188	9.59E-05	0.017069	0.688954						
1374	493727.33	3860502.55	5.5169	9.50487	7.28623	11.75821		5.00E-01	0.04021	0.00014	0.02723	0.56753		6.31E-01	0.050751	0.000116	0.015898	6.98E-01		0.622029	0.04365	9.46E-05	0.016885	0.682658						
1375	493777.33	3860502.55	5.50815	9.40723	7.2555	11.66745		4.99E-01	0.0398	0.00014	0.02702	0.56612		6.30E-01	0.05023	0.000115	0.015776	6.96E-01		0.621042	0.043201	9.42E-05	0.016755	0.681093						
1376	493827.33	3860502.55	5.49948	9.29942	7.25514	11.57617		4.98E-01	0.03934	0.00014	0.02681	0.56466		6.29E-01	0.049654	0.000115	0.015652	6.94E-01		0.620064	0.042706	9.42E-05	0.016624	0.679489						
1377	493877.33	3860502.55	5.50525	9.20647	7.29632	11.46847		4.99E-01	0.03895	0.00014	0.02656	0.56455		6.30E-01	0.049158	0.000116	0.015507	6.94E-01		0.620715	0.04228	9.47E-05	0.016469	0.679559						
1378	493927.33	3860502.55	5.51137	9.11178	7.32638	11.33718		4.99E-01	0.03855	0.00014	0.02626	0.5644		6.30E-01	0.048653	0.000116	0.015329	6.94E-01		0.621405	0.041845	9.51E-05	0.016281	0.679626						
1379	493977.33	3860502.55	5.48464	8.9617	7.32023	11.19333		4.97E-01	0.03791	0.00014	0.02593	0.56101		6.27E-01	0.047851	0.000116	0.015135	6.90E-01		0.618391	0.041155	9.5E-05	0.016074	0.675716						
1380	494027.33	3860502.55	5.45887	8.82343	7.31098	11.0311		4.95E-01	0.03733	0.00014	0.02555	0.55771		6.24E-01	0.047113	0.000116	0.014915	6.87E-01		0.615486	0.04052	9.49E-05	0.015841	0.671942						
1381	493627.33	3860552.55	5.69991	9.70388	7.59638	11.98		5.17E-01	0.04105	0.00014	0.02775	0.58548		6.52E-01	0.051814	0.000121	0.016198	7.20E-01		0.642663	0.044564	9.86E-05	0.017204	0.704529						
1382	493677.33	3860552.55	5.59298	9.58569	7.44048	11.90879		5.07E-01	0.04055	0.00014	0.02758	0.57512		6.40E-01	0.051183	0.000118	0.016102	7.07E-01		0.630607	0.044021	9.66E-05	0.017102	0.691826						
1383	493727.33	3860552.55	5.50532	9.45897	7.31793	11.81345		4.99E-01	0.04002	0.00014	0.02736	0.56642		6.30E-01	0.050506	0.000116	0.015973	6.96E-01		0.620723	0.043439	9.5E-05	0.016965	0.681222						
1384	493777.33	3860552.55	5.4362	9.38649	7.20317	11.70438		4.93E-01	0.03971	0.00013	0.02711	0.55959		6.22E-01	0.050119	0.000114	0.015826	6.88E-01		0.61293	0.043106	9.35E-05	0.016808	0.672938						
1385	493827.33	3860552.55	5.43022	9.33624	7.1527	11.59039		4.92E-01	0.0395	0.00013	0.02685	0.55857		6.21E-01	0.049851	0.000114	0.015671	6.87E-01		0.612255	0.042875	9.28E-05	0.016644	0.671868						
1386	493877.33	3860552.55	5.41706	9.23713	7.12423	11.50273		4.91E-01	0.03908	0.00013	0.02664	0.55676		6.20E-01	0.049322	0.000113	0.015553	6.85E-01		0.610772	0.04242	9.25E-05	0.016519	0.669803						
1387	493927.33	3860552.55	5.4224	9.1578	7.14045	11.41902		4.91E-01	0.03874	0.00013	0.02645	0.55671		6.20E-01	0.048898	0.000113	0.01544	6.85E-01		0.611374	0.042056	9.27E-05	0.016398	0.669921						
1388	493977.33	3860552.55	5.42943	9.07316	7.18237	11.31568		4.92E-01	0.03838	0.00013	0.02621	0.55675		6.21E-01	0.048446	0.000114	0.0153	6.85E-01		0.612166	0.041667	9.32E-05	0.01625	0.670177						
1389	494027.33	3860552.55	5.40983	8.93954	7.17755	11.18948		4.90E-01	0.03782	0.00013	0.02592	0.55412		6.19E-01	0.047733	0.000114	0.015129	6.82E-01		0.609956	0.041054	9.32E-05	0.016069	0.667172						
1390	493627.33	3860602.55	5.75997	9.61691	7.68677	11.85548		5.22E-01	0.04068	0.00014	0.02746	0.59027		6.59E-01	0.05135	0.000122	0.01603	7.26E-01		0.649435	0.044164	9.98E-05	0.017025	0.710724						
1391	493727.33	3860602.55	5.53438	9.423	7.36417	11.77537		5.02E-01	0.03986	0.00014	0.02727	0.56881		6.33E-01	0.050314	0.000117	0.015922	6.99E-01		0.623999	0.043274	9.56E-05	0.01691	0.684279						
1392	493777.33	3860602.55	5.47501	9.38494	7.27914	11.72545		4.96E-01	0.0397	0.00014	0.02716	0.56315		6.26E-01	0.050111	0.000116	0.015854	6.92E-01		0.617306	0.043099	9.45E-05	0.016838	0.677337						
1393	493827.33	3860602.55	5.40184	9.28911	7.17446	11.63848		4.90E-01	0.0393	0.00013	0.02696	0.55591		6.18E-01	0.049599	0.000114	0.015736	6.83E-01		0.609056	0.042659	9.31E-05	0.016713	0.668521						
1394	493877.33	3860602.55	5.35386	9.24029	7.07865	11.53786		4.85E-01	0.03909	0.00013	0.02672	0.55113		6.12E-01	0.049339	0.000113	0.0156	6.77E-01		0.603646	0.042435	9.19E-05	0.016569	0.662742						
1395	493927.33	3860602.55	5.34844	9.17869	7.02652	11.42676		4.85E-01	0.03883	0.00013	0.02647	0.55012		6.12E-01	0.04901	0.000112	0.01545	6.76E-01		0.603035	0.042152	9.12E-05	0.016409	0.661687						
1396	493977.33	3860602.55	5.35086	9.11297	7.02671	11.34869		4.85E-01	0.03855	0.00013	0.02629	0.54988		6.12E-01	0.048659	0.000112	0.015345	6.76E-01		0.603308	0.04185	9.12E-05	0.016297	0.661546						
1397	494027.33	3860602.55	5.33543	9	7.01315	11.26177		4.84E-01	0.03807	0.00013	0.02608	0.5478		6.10E-01	0.048056	0.000111	0.015227	6.74E-01		0.601568	0.041331	9.1E-05	0.016172	0.659163						
1398	493627.33	3860652.55	5.78197	9.44084	7.69938	11.64465		5.24E-01	0.03994	0.00014	0.02697	0.59103		6.61E-01	0.05041	0.000122	0.015745	7.28E-01		0.651915	0.043356	9.99E-05	0.016722	0.712093						
1399	493727.33	3860652.55	5.59294	9.33137	7.44888	11.64263		5.07E-01	0.03948	0.00014	0.02697	0.57343		6.40E-01	0.049825	0.000118	0.015742	7.05E-01		0.630602	0.042853	9.67E-05	0.016719	0.690271						

1400	493777.33	3860652.55	5.52355	9.31818	7.34178	11.63885	5.01E-01	0.03942	0.00014	0.02696	0.56707	6.32E-01	0.049755	0.000117	0.015737	6.97E-01	0.622778	0.042793	9.53E-05	0.016714	0.68238
1401	493827.33	3860652.55	5.4458	9.28521	7.23658	11.60908	4.94E-01	0.03928	0.00014	0.02689	0.55982	6.23E-01	0.049579	0.000115	0.015697	6.88E-01	0.614012	0.042641	9.39E-05	0.016671	0.673418
1402	493877.33	3860652.55	5.38881	9.2434	7.15981	11.55847	4.88E-01	0.0391	0.00013	0.02677	0.55436	6.16E-01	0.049355	0.000114	0.015628	6.81E-01	0.607586	0.042449	9.29E-05	0.016599	0.666727
1403	493927.33	3860652.55	5.31878	9.15749	7.05801	11.47505	4.82E-01	0.03874	0.00013	0.02658	0.54745	6.08E-01	0.048897	0.000112	0.015516	6.73E-01	0.599691	0.042055	9.16E-05	0.016479	0.658316
1404	493977.33	3860652.55	5.26886	9.07933	6.9439	11.37087	4.77E-01	0.03841	0.00013	0.02634	0.54235	6.03E-01	0.048479	0.00011	0.015375	6.67E-01	0.594062	0.041696	9.01E-05	0.016329	0.652177
1405	494027.33	3860652.55	5.27327	9.03571	6.90993	11.26831	4.78E-01	0.03823	0.00013	0.0261	0.54233	6.03E-01	0.048246	0.00011	0.015236	6.67E-01	0.594559	0.041495	8.97E-05	0.016182	0.652326
1406	494311.06	3858401.99	1.91799	2.93001	2.6145	1.82327	1.74E-01	0.0124	4.9E-05	0.00422	0.19048	2.19E-01	0.015645	4.16E-05	0.002465	2.38E-01	0.216253	0.013456	3.39E-05	0.002618	0.232361
1407	494361.06	3858401.99	1.87845	2.81513	2.58467	1.82075	1.70E-01	0.01191	4.8E-05	0.00422	0.1864	2.15E-01	0.015031	4.11E-05	0.002462	2.32E-01	0.211795	0.012928	3.36E-05	0.002615	0.227371
1408	494411.06	3858401.99	1.85756	2.73315	2.5713	1.81821	1.68E-01	0.01156	4.8E-05	0.00421	0.18416	2.12E-01	0.014594	4.09E-05	0.002458	2.30E-01	0.209439	0.012552	3.34E-05	0.002611	0.224635
1409	494461.06	3858401.99	1.85904	2.68164	2.57442	1.81551	1.68E-01	0.01134	4.8E-05	0.00421	0.18407	2.13E-01	0.014319	4.09E-05	0.002455	2.29E-01	0.209606	0.012315	3.34E-05	0.002607	0.224562
1410	494511.06	3858401.99	1.83727	2.60506	2.55249	1.8123	1.66E-01	0.01102	4.8E-05	0.0042	0.18176	2.10E-01	0.01391	4.06E-05	0.00245	2.27E-01	0.207152	0.011963	3.31E-05	0.002603	0.221751
1411	494561.06	3858401.99	1.83379	2.57511	2.55165	1.80923	1.66E-01	0.01089	4.8E-05	0.00419	0.18131	2.10E-01	0.01375	4.06E-05	0.002446	2.26E-01	0.206759	0.011826	3.31E-05	0.002598	0.221216
1412	494611.06	3858401.99	1.8136	2.51973	2.50828	1.80591	1.64E-01	0.01066	4.7E-05	0.00418	0.17924	2.07E-01	0.013454	3.99E-05	0.002442	2.23E-01	0.204483	0.011572	3.26E-05	0.002593	0.21868
1413	494661.06	3858401.99	1.79468	2.20782	2.48148	1.80214	1.63E-01	0.00934	4.6E-05	0.00417	0.1762	2.05E-01	0.011789	3.94E-05	0.002437	2.20E-01	0.20235	0.010139	3.22E-05	0.002588	0.215109
1414	494711.06	3858401.99	1.74357	2.1363	2.41966	1.79786	1.58E-01	0.00904	4.5E-05	0.00416	0.17125	1.99E-01	0.011407	3.85E-05	0.002431	2.13E-01	0.196587	0.009811	3.14E-05	0.002582	0.209011
1415	494761.06	3858401.99	1.72481	2.10773	2.39246	1.79369	1.56E-01	0.00892	4.5E-05	0.00415	0.16942	1.97E-01	0.011254	3.8E-05	0.002425	2.11E-01	0.194472	0.009679	3.11E-05	0.002576	0.206758
1416	494811.06	3858401.99	1.69165	2.05316	2.33034	1.78931	1.53E-01	0.00869	4.4E-05	0.00414	0.16617	1.93E-01	0.010963	3.7E-05	0.002419	2.07E-01	0.190733	0.009429	3.02E-05	0.00257	0.202762
1417	494861.06	3858401.99	1.65582	2.01452	2.28484	1.79014	1.50E-01	0.00852	4.3E-05	0.00415	0.16277	1.89E-01	0.010757	3.63E-05	0.00242	2.03E-01	0.186693	0.009251	2.97E-05	0.002571	0.198545
1418	494911.06	3858401.99	1.61882	1.97612	2.2447	1.79188	1.47E-01	0.00836	4.2E-05	0.00415	0.15925	1.85E-01	0.010552	3.57E-05	0.002423	1.98E-01	0.182521	0.009075	2.91E-05	0.002573	0.194199
1419	494961.06	3858401.99	1.58116	1.93966	2.17578	1.79368	1.43E-01	0.00821	4.1E-05	0.00415	0.15569	1.81E-01	0.010357	3.46E-05	0.002425	1.94E-01	0.178275	0.008908	2.82E-05	0.002576	0.189787
1420	495011.06	3858401.99	1.53576	1.89497	2.11014	1.79504	1.39E-01	0.00802	4E-05	0.00416	0.15139	1.76E-01	0.010118	3.35E-05	0.002427	1.88E-01	0.173156	0.008702	2.74E-05	0.002578	0.184464
1421	495061.06	3858401.99	1.51017	1.87023	2.05924	1.76406	1.37E-01	0.00791	3.9E-05	0.00409	0.14889	1.73E-01	0.009986	3.27E-05	0.002385	1.85E-01	0.170271	0.008589	2.67E-05	0.002533	0.18142
1422	495111.06	3858401.99	1.45887	1.83829	1.97531	1.68459	1.32E-01	0.00778	3.7E-05	0.0039	0.14392	1.67E-01	0.009816	3.14E-05	0.002278	1.79E-01	0.164487	0.008442	2.56E-05	0.002419	0.175374
1423	495161.06	3858401.99	1.45798	1.83059	1.96834	1.67991	1.32E-01	0.00774	3.7E-05	0.00389	0.1438	1.67E-01	0.009774	3.13E-05	0.002271	1.79E-01	0.164387	0.008407	2.55E-05	0.002412	0.175231
1424	495211.06	3858401.99	1.42356	1.80604	1.90619	1.60043	1.29E-01	0.00764	3.6E-05	0.00371	0.14039	1.63E-01	0.009643	3.03E-05	0.002164	1.75E-01	0.160506	0.008294	2.47E-05	0.002298	0.171123
1425	495261.06	3858401.99	1.40411	1.79691	1.87449	1.60235	1.27E-01	0.0076	3.5E-05	0.00371	0.13859	1.61E-01	0.009595	2.98E-05	0.002167	1.72E-01	0.158313	0.008252	2.43E-05	0.002301	0.16889
1426	495311.06	3858401.99	1.38236	1.78775	1.84224	1.60396	1.25E-01	0.00756	3.4E-05	0.00372	0.13659	1.58E-01	0.009546	2.93E-05	0.002169	1.70E-01	0.155861	0.00821	2.39E-05	0.002303	0.166398
1427	495361.06	3858401.99	1.36909	1.78925	1.8222	1.60576	1.24E-01	0.00757	3.4E-05	0.00372	0.13539	1.57E-01	0.009554	2.9E-05	0.002171	1.68E-01	0.154364	0.008217	2.37E-05	0.002306	0.164911
1428	495411.06	3858401.99	1.3645	1.79409	1.81336	1.60753	1.24E-01	0.00759	3.4E-05	0.00372	0.135	1.56E-01	0.00958	2.88E-05	0.002174	1.68E-01	0.153847	0.008239	2.35E-05	0.002308	0.164418
1429	495461.06	3858401.99	1.36252	1.79918	1.81538	1.60925	1.23E-01	0.00761	3.4E-05	0.00373	0.13485	1.56E-01	0.009607	2.89E-05	0.002176	1.68E-01	0.153624	0.008263	2.36E-05	0.002311	0.164221
1430	495511.06	3858401.99	1.3574	1.8027	1.81536	1.61128	1.23E-01	0.00763	3.4E-05	0.00373	0.1344	1.55E-01	0.009626	2.89E-05	0.002179	1.67E-01	0.153046	0.008279	2.36E-05	0.002314	0.163663
1431	495561.06	3858401.99	1.35342	1.7979	1.81869	1.61319	1.23E-01	0.00761	3.4E-05	0.00374	0.13403	1.55E-01	0.0096	2.89E-05	0.002181	1.67E-01	0.152598	0.008257	2.36E-05	0.002317	0.163194
1432	495611.06	3858401.99	1.35211	1.79983	1.82031	1.61488	1.23E-01	0.00761	3.4E-05	0.00374	0.13392	1.55E-01	0.00961	2.89E-05	0.002183	1.66E-01	0.15245	0.008265	2.36E-05	0.002319	0.163058
1433	495661.06	3858401.99	1.35443	1.81084	1.82169	1.61671	1.23E-01	0.00766	3.4E-05	0.00374	0.13418	1.55E-01	0.009669	2.9E-05	0.002186	1.67E-01	0.152712	0.008316	2.36E-05	0.002322	0.163373
1434	494311.06	3858451.99	2.00824	3.25921	2.66678	1.81381	1.82E-01	0.01379	5E-05	0.0042	0.20003	2.30E-01	0.017403	4.24E-05	0.002452	2.50E-01	0.226428	0.014968	3.46E-05	0.002605	0.244035
1435	494361.06	3858451.99	1.97426	3.1613	2.64914	1.81221	1.79E-01	0.01337	5E-05	0.0042	0.19653	2.26E-01	0.01688	4.21E-05	0.00245	2.45E-01	0.222597	0.014518	3.44E-05	0.002602	0.239752
1436	494411.06	3858451.99	1.94957	3.07541	2.63603	1.81069	1.77E-01	0.01301	4.9E-05	0.00419	0.19393	2.23E-01	0.016421	4.19E-05	0.002448	2.42E-01	0.219813	0.014123	3.42E-05	0.0026	0.236571
1437	494461.06	3858451.99	1.93303	2.99844	2.62542	1.80881	1.75E-01	0.01268	4.9E-05	0.00419	0.1921	2.21E-01	0.01601	4.17E-05	0.002446	2.40E-01	0.217948	0.01377	3.41E-05	0.002598	0.23435
1438	494511.06	3858451.99	1.92656	2.93946	2.62759	1.80705	1.75E-01	0.01244	4.9E-05	0.00419	0.19126	2.20E-01	0.015695	4.18E-05	0.002443	2.39E-01	0.217219	0.013499	3.41E-05	0.002595	0.233347
1439	494561.06	3858451.99	1.89689	2.83007	2.60253	1.80469	1.72E-01	0.01197	4.9E-05	0.00418	0.1881	2.17E-01	0.015111	4.14E-05	0.00244	2.35E-01	0.213874	0.012997	3.38E-05	0.002592	0.229496
1440	494611.06	3858451.99	1.88436	2.7615	2.59287	1.80217	1.71E-01	0.01168	4.9E-05	0.00417	0.18667	2.16E-01	0.014745	4.12E-05	0.002437	2.33E-01	0.212461	0.012682	3.37E-05	0.002588	0.227764
1441	494661.06	3858451.99	1.86661	2.69355	2.57921	1.79939	1.69E-01	0.0114	4.8E-05	0.00417	0.18477	2.13E-01	0.014382	4.1E-05	0.002433	2.30E-01	0.21046	0.01237	3.35E-05	0.002584	0.225447
1442	494711.06	3858451.99	1.84224	2.61555	2.55277	1.79609	1.67E-01	0.01107	4.8E-05	0.00416	0.18222	2.11E-01	0.013966	4.06E-05	0.002429	2.27E-01	0.207712	0.012012	3.31E-05	0.002579	0.222336
1443	494761.06	3858451.99	1.81065	2.55049	2.51733	1.79285	1.64E-01	0.01079	4.7E-05	0.00415	0.17907	2.07E-01	0.013618	4E-05	0.002424	2.23E-01	0.20415	0.011713	3.27E-05	0.002575	0.21847
1444	494811.06	3858451.99	1.79465	2.50471	2.4821	1.78941	1.63E-01	0.0106	4.6E-05	0.00414	0.17742	2.05E-01	0.013374	3.94E-05	0.002419	2.21E-01	0.202346	0.011503	3.22E-05	0.00257	0.216451
1445	494861.06	3858451.99	1.75957	2.14948	2.44007	1.78533	1.59E-01	0.00909	4.6E-05	0.00414	0.17273	2.01E-01	0.011477	3.88E-05	0.002414	2.15E-01	0.198391	0.009871	3.17E-05	0.002564	0.210858
1446	494911.06	3858451.99	1.72924	2.0602	2.39911	1.78133	1.57E-01	0.00872	4.5E-05	0.00413	0.16959	1.98E-01	0.011	3.81E-05	0.002409	2.11E-01	0.194971	0.009461	3.11E-05	0.002558	0.207022
1447	494961.06	3858451.99	1.67191	2.0207	2.29726	1.77727	1.52E-01	0.00855	4.3E-05	0.00412	0.16422	1.91E-01	0.01079	3.65E-05	0.002403	2.04E-01	0.188507	0.00928	2.98E-05	0.002552	0.200369
1448	495011.06	3858451.99	1.61244	1.94923	2.22983	1.77595	1.46E-01	0.00825	4.2E-05	0.00411	0.15852	1.84E-01	0.010408	3.54E-05	0.002401	1.97E-01	0.181802	0.008952	2.89E-05	0.00255	0.193333
1449	495061.06	3858451.99	1.58932	1.92605	2.20389	1.77769	1.44E-01	0.00815	4.1E-05	0.00412	0.15633	1.82E-01	0.010284	3.5E-05	0.002404	1.95E-01	0.179195	0.008845	2.86E-05	0.002553	0.190622
1450	495111.06	3858451.99	1.53726	1.88582	2.11272	1.77902	1.39E-01	0.00798	4E-05	0.00412	0.15145	1.76E-01	0.010069	3.36E-05	0.002405	1.88E-01	0.173326	0.00866	2.74E-05	0.002555	0.184568
1451	495161.06	3858451.99	1.49282	1.84264	2.03348	1.75848	1.35E-01	0.0078	3.8E-05	0.00407	0.14719	1.71E-01	0.009839	3.23E-05	0.002378	1.83E-01	0.168315	0.008462	2.64E-05	0.002525	0.179329
1452	495211.06	3858451.99	1.45954	1.81385	1.97765	1.67281	1.32E-01	0.00767	3.7E-05	0.00387	0.14385	1.67E-01	0.009685	3.14E-05	0.002262	1.79E-01	0.164563	0.00833	2.57E-05	0.002402	0.17532
1453	495261.06	3858451.99	1.44392	1.79896	1.94809	1.66825	1.31E-01	0.00761	3.6E-05	0.00386	0.14236	1.65E-01	0.009606	3.1E-05	0.002256	1.77E-01	0.162801	0.008261	2.53E-05	0.002396	0.173484
1454	495311.06	3858451.99	1.43774	1.78766	1.92254	1.58005	1.30E-01	0.00756	3.6E-05	0.00366	0.14155	1.64E-01	0.009545	3.06E-05	0.002136	1.76E-01	0.162105	0.00821	2.5E-05	0.002269	0.172608
1455	495361.06	3858451.99	1.42408	1.77844	1.90843	1.5821	1.29E-01	0.00752	3.6E-05	0.00366	0.14028	1.63E-01	0.009496	3.03E-05	0.002139	1.75E-01	0.160565	0.008167	2.48E-05	0.002272	0.171029
1456	495411.06	3858451.99	1.42286	1.77349	1.90343	1.58427	1.29E-01	0.0075	3.6E-05	0.00367	0.14015	1.63E-01	0.00947	3.03E-05	0.002142	1.74E-01	0.160427	0.008145	2.47E-05	0.002275	0.170871
1457	495461.06	3858451.99	1.42252	1.77032	1.90038	1.58668	1.29E-01	0.00749	3.6E-05	0.00368	0.14011	1.63E-01	0.009453	3.02E-05	0.002145	1.74E-01	0.160389	0.00813	2.47E-05	0.002279	0.170822
1458	495511.06	3858451.99	1.40844	1.76549	1.88093	1.58861	1.28E-01	0.00747	3.5E-05	0.00368	0.13882	1.61E-01	0.009427	2.99E-05	0.002148	1.73E-01	0.158801	0.008108	2.44E-05	0.002281	0.169215
1459	495561.06	3858451.99	1.41705	1.77017	1.8867	1.59079	1.28E-01	0.00749	3.5E-05	0.00368	0.13962	1.62E-01	0.009452	3E-05	0.002151	1.74E-01	0.159772	0.008129	2.45E-05	0.002284	0.17021
1460	495611.06	3858451.99	1.39617	1.76559	1.85731	1.59249	1.27E-01	0.00747	3.5E-05	0.00369	0.13772	1.60E-01	0.009427	2.95E-05	0.002153	1.71E-01	0.157418	0.008108	2.41E-05	0.002287	0.167837

1461	495661.06	3858451.99	1.39747	1.76696	1.86643	1.59441	1.27E-01	0.00748	3.5E-05	0.00369	0.13784	1.60E-01	0.009435	2.97E-05	0.002156	1.71E-01	0.157564	0.008115	2.42E-05	0.00229	0.167993
1462	494311.06	3858501.99	2.10136	3.49436	2.67034	1.80872	1.90E-01	0.01478	5E-05	0.00419	0.20945	2.40E-01	0.018658	4.24E-05	0.002446	2.61E-01	0.236928	0.016047	3.47E-05	0.002597	0.255607
1463	494361.06	3858501.99	2.06232	3.4248	2.66504	1.80429	1.87E-01	0.01449	5E-05	0.00418	0.20561	2.36E-01	0.018287	4.24E-05	0.00244	2.57E-01	0.232526	0.015728	3.46E-05	0.002591	0.250879
1464	494411.06	3858501.99	2.01314	3.35748	2.65519	1.79909	1.82E-01	0.0142	5E-05	0.00417	0.20086	2.30E-01	0.017927	4.22E-05	0.002433	2.51E-01	0.226981	0.015419	3.45E-05	0.002584	0.245018
1465	494461.06	3858501.99	2.00405	3.31793	2.65193	1.79762	1.82E-01	0.01404	5E-05	0.00416	0.19986	2.29E-01	0.017716	4.21E-05	0.002431	2.49E-01	0.225956	0.015237	3.44E-05	0.002581	0.243809
1466	494511.06	3858501.99	1.97014	3.21564	2.62856	1.79621	1.79E-01	0.0136	4.9E-05	0.00416	0.19635	2.25E-01	0.01717	4.18E-05	0.002429	2.45E-01	0.222133	0.014767	3.41E-05	0.002579	0.239514
1467	494561.06	3858501.99	1.98278	3.21171	2.6555	1.7954	1.80E-01	0.01359	5E-05	0.00416	0.19748	2.27E-01	0.017149	4.22E-05	0.002428	2.46E-01	0.223558	0.014749	3.45E-05	0.002578	0.24092
1468	494611.06	3858501.99	1.95468	3.1056	2.64107	1.79388	1.77E-01	0.01314	4.9E-05	0.00415	0.19448	2.24E-01	0.016582	4.2E-05	0.002426	2.43E-01	0.22039	0.014262	3.43E-05	0.002576	0.237262
1469	494661.06	3858501.99	1.94057	3.02253	2.63911	1.79224	1.76E-01	0.01279	4.9E-05	0.00415	0.19285	2.22E-01	0.016139	4.19E-05	0.002423	2.41E-01	0.218799	0.013881	3.43E-05	0.002574	0.235287
1470	494711.06	3858501.99	1.91034	2.89651	2.61203	1.78989	1.73E-01	0.01225	4.9E-05	0.00415	0.18957	2.19E-01	0.015466	4.15E-05	0.00242	2.36E-01	0.21539	0.013302	3.39E-05	0.00257	0.231296
1471	494761.06	3858501.99	1.87486	2.78257	2.57404	1.7872	1.70E-01	0.01177	4.8E-05	0.00414	0.18586	2.14E-01	0.014858	4.09E-05	0.002416	2.32E-01	0.21139	0.012779	3.34E-05	0.002567	0.226768
1472	494811.06	3858501.99	1.84737	2.69673	2.54552	1.78496	1.67E-01	0.01141	4.8E-05	0.00413	0.183	2.11E-01	0.014399	4.05E-05	0.002413	2.28E-01	0.20829	0.012384	3.3E-05	0.002563	0.223271
1473	494861.06	3858501.99	1.83203	2.63641	2.53089	1.78225	1.66E-01	0.01115	4.7E-05	0.00413	0.18135	2.10E-01	0.014077	4.02E-05	0.00241	2.26E-01	0.206561	0.012107	3.29E-05	0.002559	0.22126
1474	494911.06	3858501.99	1.78074	2.54428	2.45977	1.77869	1.61E-01	0.01076	4.6E-05	0.00412	0.1763	2.04E-01	0.013585	3.91E-05	0.002405	2.20E-01	0.200778	0.011684	3.19E-05	0.002554	0.215048
1475	494961.06	3858501.99	1.76419	2.12806	2.43141	1.77542	1.60E-01	0.009	4.6E-05	0.00411	0.17304	2.02E-01	0.011363	3.86E-05	0.002401	2.16E-01	0.198912	0.009773	3.16E-05	0.00255	0.211266
1476	495011.06	3858501.99	1.70274	2.06151	2.35098	1.7721	1.54E-01	0.00872	4.4E-05	0.0041	0.16718	1.95E-01	0.011007	3.74E-05	0.002396	2.08E-01	0.191983	0.009467	3.05E-05	0.002545	0.204026
1477	495061.06	3858501.99	1.68727	2.03935	2.32914	1.76848	1.53E-01	0.00863	4.4E-05	0.0041	0.16567	1.93E-01	0.010889	3.7E-05	0.002391	2.06E-01	0.190239	0.009365	3.02E-05	0.00254	0.202174
1478	495111.06	3858501.99	1.60225	1.94342	2.2098	1.76397	1.45E-01	0.00822	4.1E-05	0.00409	0.15755	1.83E-01	0.010377	3.51E-05	0.002385	1.96E-01	0.180653	0.008925	2.87E-05	0.002533	0.19214
1479	495161.06	3858501.99	1.54848	1.89737	2.11237	1.76015	1.40E-01	0.00803	4E-05	0.00408	0.15247	1.77E-01	0.010131	3.36E-05	0.00238	1.90E-01	0.174591	0.008713	2.74E-05	0.002528	0.185859
1480	495211.06	3858501.99	1.50491	1.85286	2.06372	1.76233	1.36E-01	0.00784	3.9E-05	0.00408	0.14834	1.72E-01	0.009893	3.28E-05	0.002383	1.84E-01	0.169678	0.008509	2.68E-05	0.002531	0.180745
1481	495261.06	3858501.99	1.48817	1.82897	2.03002	1.75134	1.35E-01	0.00774	3.8E-05	0.00406	0.14669	1.70E-01	0.009766	3.23E-05	0.002368	1.82E-01	0.167791	0.008399	2.64E-05	0.002515	0.178731
1482	495311.06	3858501.99	1.48038	1.81882	2.01453	1.74676	1.34E-01	0.00769	3.8E-05	0.00405	0.14593	1.69E-01	0.009712	3.2E-05	0.002362	1.81E-01	0.166912	0.008353	2.61E-05	0.002508	0.1778
1483	495361.06	3858501.99	1.47312	1.80842	2.00414	1.74216	1.33E-01	0.00765	3.8E-05	0.00404	0.14522	1.68E-01	0.009656	3.19E-05	0.002356	1.81E-01	0.166094	0.008305	2.6E-05	0.002502	0.176927
1484	495411.06	3858501.99	1.47329	1.80072	2.00085	1.73758	1.34E-01	0.00762	3.7E-05	0.00402	0.14519	1.69E-01	0.009615	3.18E-05	0.002349	1.81E-01	0.166113	0.00827	2.6E-05	0.002495	0.176904
1485	495461.06	3858501.99	1.4717	1.7922	1.99702	1.73259	1.33E-01	0.00758	3.7E-05	0.00401	0.145	1.68E-01	0.009569	3.17E-05	0.002343	1.80E-01	0.165934	0.00823	2.59E-05	0.002488	0.176678
1486	495511.06	3858501.99	1.46701	1.77888	1.98318	1.64297	1.33E-01	0.00753	3.7E-05	0.00381	0.14431	1.68E-01	0.009498	3.15E-05	0.002221	1.80E-01	0.165405	0.008169	2.57E-05	0.002359	0.175959
1487	495561.06	3858501.99	1.47643	1.78756	1.99695	1.72251	1.34E-01	0.00756	3.7E-05	0.00399	0.14539	1.69E-01	0.009545	3.17E-05	0.002329	1.81E-01	0.166467	0.008209	2.59E-05	0.002474	0.177176
1488	495611.06	3858501.99	1.4817	1.75805	2.00455	1.71735	1.34E-01	0.00744	3.8E-05	0.00398	0.14573	1.69E-01	0.009387	3.19E-05	0.002322	1.81E-01	0.167061	0.008074	2.6E-05	0.002466	0.177627
1489	495661.06	3858501.99	1.46679	1.77909	1.97094	1.62959	1.33E-01	0.00753	3.7E-05	0.00377	0.14426	1.68E-01	0.009499	3.13E-05	0.002203	1.80E-01	0.16538	0.00817	2.56E-05	0.00234	0.175916
1490	494311.06	3858551.99	2.09005	3.53483	2.62743	1.80271	1.89E-01	0.01495	4.9E-05	0.00418	0.20858	2.39E-01	0.018874	4.18E-05	0.002437	2.60E-01	0.235652	0.016233	3.41E-05	0.002589	0.254509
1491	494361.06	3858551.99	2.14385	3.59997	2.65342	1.80573	1.94E-01	0.01523	5E-05	0.00418	0.21374	2.45E-01	0.019222	4.22E-05	0.002442	2.67E-01	0.241718	0.016532	3.44E-05	0.002593	0.260878
1492	494411.06	3858551.99	2.20268	3.69317	2.69972	1.80931	2.00E-01	0.01562	5.1E-05	0.00419	0.21948	2.52E-01	0.01972	4.29E-05	0.002446	2.74E-01	0.248351	0.01696	3.5E-05	0.002598	0.267945
1493	494461.06	3858551.99	2.19706	3.68837	2.72311	1.80777	1.99E-01	0.0156	5.1E-05	0.00419	0.21894	2.51E-01	0.019694	4.33E-05	0.002444	2.73E-01	0.247718	0.016938	3.53E-05	0.002596	0.267288
1494	494511.06	3858551.99	2.1605	3.62901	2.71922	1.80388	1.96E-01	0.01535	5.1E-05	0.00418	0.21537	2.47E-01	0.019377	4.32E-05	0.002439	2.69E-01	0.243596	0.016666	3.53E-05	0.00259	0.262887
1495	494561.06	3858551.99	2.12912	3.57851	2.72146	1.80008	1.93E-01	0.01514	5.1E-05	0.00417	0.2123	2.44E-01	0.019108	4.33E-05	0.002434	2.65E-01	0.240058	0.016434	3.53E-05	0.002585	0.259112
1496	494611.06	3858551.99	2.08549	3.51152	2.70582	1.79491	1.89E-01	0.01486	5.1E-05	0.00416	0.20806	2.39E-01	0.01875	4.3E-05	0.002427	2.60E-01	0.235138	0.016126	3.51E-05	0.002578	0.253877
1497	494661.06	3858551.99	2.04638	3.4419	2.69453	1.79195	1.85E-01	0.01456	5E-05	0.00415	0.20421	2.34E-01	0.018378	4.28E-05	0.002423	2.55E-01	0.230729	0.015806	3.5E-05	0.002573	0.249143
1498	494711.06	3858551.99	1.9932	3.30342	2.65462	1.78667	1.81E-01	0.01398	5E-05	0.00414	0.19879	2.28E-01	0.017639	4.22E-05	0.002416	2.48E-01	0.224733	0.015171	3.45E-05	0.002566	0.242503
1499	494761.06	3858551.99	1.95642	3.17118	2.62734	1.78042	1.77E-01	0.01342	4.9E-05	0.00412	0.19488	2.24E-01	0.016933	4.18E-05	0.002407	2.43E-01	0.220586	0.014563	3.41E-05	0.002557	0.23774
1500	494811.06	3858551.99	1.92535	3.06322	2.61226	1.77584	1.74E-01	0.01296	4.9E-05	0.00411	0.1916	2.20E-01	0.016356	4.15E-05	0.002401	2.39E-01	0.217083	0.014067	3.39E-05	0.00255	0.233734
1501	494861.06	3858551.99	1.88936	2.94254	2.57923	1.77424	1.71E-01	0.01245	4.8E-05	0.00411	0.18782	2.16E-01	0.015712	4.1E-05	0.002399	2.34E-01	0.213025	0.013513	3.35E-05	0.002548	0.229119
1502	494911.06	3858551.99	1.84953	2.81707	2.53419	1.77199	1.68E-01	0.01192	4.7E-05	0.0041	0.18368	2.12E-01	0.015042	4.03E-05	0.002396	2.29E-01	0.208534	0.012937	3.29E-05	0.002545	0.224048
1503	494961.06	3858551.99	1.82268	2.72315	2.50353	1.76945	1.65E-01	0.01152	4.7E-05	0.0041	0.18084	2.08E-01	0.01454	3.98E-05	0.002392	2.25E-01	0.205507	0.012506	3.25E-05	0.002541	0.220586
1504	495011.06	3858551.99	1.77508	2.61806	2.45	1.7669	1.61E-01	0.01108	4.6E-05	0.00409	0.17608	2.03E-01	0.013979	3.89E-05	0.002389	2.19E-01	0.20014	0.012023	3.18E-05	0.002537	0.214732
1505	495061.06	3858551.99	1.75268	2.13799	2.41555	1.76433	1.59E-01	0.00904	4.5E-05	0.00409	0.17201	2.00E-01	0.011416	3.84E-05	0.002386	2.14E-01	0.197614	0.009818	3.14E-05	0.002534	0.209998
1506	495111.06	3858551.99	1.67779	2.05799	2.31	1.76089	1.52E-01	0.00871	4.3E-05	0.00408	0.16487	1.92E-01	0.010989	3.67E-05	0.002381	2.05E-01	0.18917	0.009451	3E-05	0.002529	0.20118
1507	495161.06	3858551.99	1.632	2.0076	2.23755	1.75757	1.48E-01	0.00849	4.2E-05	0.00407	0.1605	1.87E-01	0.01072	3.56E-05	0.002376	2.00E-01	0.184007	0.00922	2.9E-05	0.002524	0.19578
1508	495211.06	3858551.99	1.58906	1.96337	2.18778	1.75419	1.44E-01	0.00831	4.1E-05	0.00406	0.15641	1.82E-01	0.010483	3.48E-05	0.002372	1.95E-01	0.179166	0.009017	2.84E-05	0.002519	0.19073
1509	495261.06	3858551.99	1.56036	1.92659	2.1497	1.75059	1.41E-01	0.00815	4E-05	0.00405	0.15365	1.78E-01	0.010287	3.42E-05	0.002367	1.91E-01	0.17593	0.008848	2.79E-05	0.002514	0.18732
1510	495311.06	3858551.99	1.55593	1.90342	2.14	1.74688	1.41E-01	0.00805	4E-05	0.00405	0.15314	1.78E-01	0.010163	3.4E-05	0.002362	1.91E-01	0.175431	0.008741	2.78E-05	0.002509	0.186708
1511	495361.06	3858551.99	1.54806	1.8737	2.11958	1.7472	1.40E-01	0.00793	4E-05	0.00405	0.1523	1.77E-01	0.010005	3.37E-05	0.002362	1.89E-01	0.174543	0.008605	2.75E-05	0.002509	0.185685
1512	495411.06	3858551.99	1.55021	1.86481	2.12928	1.74976	1.40E-01	0.00789	4E-05	0.00405	0.15247	1.77E-01	0.009957	3.38E-05	0.002366	1.90E-01	0.174786	0.008564	2.76E-05	0.002513	0.18589
1513	495461.06	3858551.99	1.54856	1.85276	2.1209	1.75203	1.40E-01	0.00784	4E-05	0.00406	0.15227	1.77E-01	0.009893	3.37E-05	0.002369	1.89E-01	0.1746	0.008509	2.75E-05	0.002516	0.185652
1514	495511.06	3858551.99	1.55696	1.84795	2.13054	1.75414	1.41E-01	0.00782	4E-05	0.00406	0.15302	1.78E-01	0.009867	3.39E-05	0.002372	1.90E-01	0.175547	0.008486	2.77E-05	0.002519	0.18658
1515	495561.06	3858551.99	1.5544	1.84182	2.12089	1.75641	1.41E-01	0.00779	4E-05	0.00407	0.15276	1.78E-01	0.009834	3.37E-05	0.002375	1.90E-01	0.175258	0.008458	2.75E-05	0.002522	0.186266
1516	495611.06	3858551.99	1.54527	1.82894	2.09314	1.7587	1.40E-01	0.00774	3.9E-05	0.00407	0.15189	1.77E-01	0.009766	3.33E-05	0.002378	1.89E-01	0.174229	0.008399	2.72E-05	0.002526	0.185181
1517	495661.06	3858551.99	1.53392	1.81115	2.08023	1.76054	1.39E-01	0.00766	3.9E-05	0.00408	0.15079	1.75E-01	0.009671	3.31E-05	0.00238	1.88E-01	0.172949	0.008317	2.7E-05	0.002528	0.183822
1518	494311.06	3858601.99	1.88586	3.42909	2.45	1.78313	1.71E-01	0.01451	4.6E-05	0.00413	0.18958	2.16E-01	0.01831	3.89E-05	0.002411	2.36E-01	0.21263	0.015748	3.18E-05	0.002561	0.23097
1519	494361.06	3858601.99	2.18633	3.74404	2.63453	2.04472	1.98E-01	0.01584	4.9E-05	0.00474	0.21875	2.50E-01	0.019991	4.19E-05	0.002765	2.73E-01	0.246508	0.017194	3.42E-05	0.002936	0.266673
1520	494411.06	3858601.99	2.42145	4.06117	2.88446	2.06128	2.19E-01	0.01718	5.4E-05	0.00477	0.24145	2.77E-01	0.021685	4.58E-05	0.002787	3.01E-01	0.273018	0.01865	3.74E-05	0.00296	0.294666
1521	494461.06	3858601.99	2.41688	4.06122	2.90415	2.06022	2.19E-01	0.01718	5.4E-05	0.00477	0.24103	2.76E-01	0.021685	4.62E-05	0.002786	3.01E-01	0.272502	0.018651	3.77E-05	0.002959	0.294149

1522	494511.06	3858601.99	2.35263	3.96155	2.84713	2.05339	2.13E-01	0.01676	5.3E-05	0.00476	0.23477	2.69E-01	0.021153	4.52E-05	0.002776	2.93E-01	0.265258	0.018193	3.7E-05	0.002949	0.286437
1523	494561.06	3858601.99	2.36743	3.98835	2.91471	2.05544	2.15E-01	0.01687	5.5E-05	0.00476	0.23623	2.71E-01	0.021296	4.63E-05	0.002779	2.95E-01	0.266927	0.018316	3.78E-05	0.002952	0.288232
1524	494611.06	3858601.99	2.29874	3.89083	2.86107	2.04885	2.08E-01	0.01646	5.4E-05	0.00475	0.22958	2.63E-01	0.020775	4.55E-05	0.00277	2.87E-01	0.259182	0.017868	3.71E-05	0.002942	0.28003
1525	494661.06	3858601.99	2.24785	3.81361	2.8352	2.04403	2.04E-01	0.01613	5.3E-05	0.00473	0.22463	2.57E-01	0.020363	4.51E-05	0.002764	2.80E-01	0.253444	0.017514	3.68E-05	0.002935	0.27393
1526	494711.06	3858601.99	2.16969	3.69227	2.76692	1.79536	1.97E-01	0.01562	5.2E-05	0.00416	0.21645	2.48E-01	0.019715	4.4E-05	0.002428	2.70E-01	0.244632	0.016956	3.59E-05	0.002578	0.264202
1527	494761.06	3858601.99	2.09717	3.57389	2.70739	1.78785	1.90E-01	0.01512	5.1E-05	0.00414	0.20936	2.40E-01	0.019083	4.3E-05	0.002417	2.61E-01	0.236455	0.016413	3.51E-05	0.002567	0.25547
1528	494811.06	3858601.99	1.98965	3.39199	2.62646	1.77983	1.80E-01	0.01435	4.9E-05	0.00412	0.19883	2.28E-01	0.018112	4.17E-05	0.002407	2.48E-01	0.224332	0.015577	3.41E-05	0.002556	0.2425
1529	494861.06	3858601.99	1.95872	3.28484	2.60376	1.7759	1.78E-01	0.0139	4.9E-05	0.00411	0.19556	2.24E-01	0.017539	4.14E-05	0.002401	2.44E-01	0.220845	0.015085	3.38E-05	0.00255	0.238514
1530	494911.06	3858601.99	1.90115	3.12608	2.56035	1.76858	1.72E-01	0.01322	4.8E-05	0.0041	0.18966	2.17E-01	0.016692	4.07E-05	0.002391	2.37E-01	0.214354	0.014356	3.32E-05	0.00254	0.231283
1531	494961.06	3858601.99	1.8713	3.0225	2.53489	1.76317	1.70E-01	0.01279	4.7E-05	0.00408	0.1865	2.14E-01	0.016139	4.03E-05	0.002384	2.33E-01	0.210988	0.01388	3.29E-05	0.002532	0.227434
1532	495011.06	3858601.99	1.83173	2.91364	2.50235	1.75756	1.66E-01	0.01233	4.7E-05	0.00407	0.18244	2.10E-01	0.015557	3.98E-05	0.002376	2.27E-01	0.206527	0.013381	3.25E-05	0.002524	0.222464
1533	495061.06	3858601.99	1.80047	2.81006	2.4638	1.75577	1.63E-01	0.01189	4.6E-05	0.00407	0.17916	2.06E-01	0.015004	3.92E-05	0.002374	2.23E-01	0.203002	0.012905	3.2E-05	0.002521	0.218461
1534	495111.06	3858601.99	1.73303	2.68526	2.37596	1.75321	1.57E-01	0.01136	4.4E-05	0.00406	0.17252	1.98E-01	0.014338	3.78E-05	0.002371	2.15E-01	0.195399	0.012332	3.08E-05	0.002518	0.210279
1535	495161.06	3858601.99	1.69605	2.15507	2.33495	1.7507	1.54E-01	0.00912	4.4E-05	0.00405	0.16692	1.94E-01	0.011507	3.71E-05	0.002367	2.08E-01	0.191229	0.009897	3.03E-05	0.002514	0.20367
1536	495211.06	3858601.99	1.67918	2.11852	2.30828	1.74837	1.52E-01	0.00896	4.3E-05	0.00405	0.16523	1.92E-01	0.011312	3.67E-05	0.002364	2.06E-01	0.189327	0.009729	3E-05	0.002511	0.201597
1537	495261.06	3858601.99	1.65706	2.0847	2.27752	1.74594	1.50E-01	0.00882	4.3E-05	0.00404	0.16307	1.90E-01	0.011131	3.62E-05	0.002361	2.03E-01	0.186833	0.009574	2.96E-05	0.002507	0.198943
1538	495311.06	3858601.99	1.64708	2.05664	2.25433	1.74308	1.49E-01	0.0087	4.2E-05	0.00404	0.16204	1.88E-01	0.010981	3.58E-05	0.002357	2.02E-01	0.185708	0.009445	2.93E-05	0.002503	0.197685
1539	495361.06	3858601.99	1.64587	2.03564	2.25461	1.74025	1.49E-01	0.00861	4.2E-05	0.00403	0.16184	1.88E-01	0.010869	3.58E-05	0.002353	2.02E-01	0.185571	0.009348	2.93E-05	0.002499	0.197448
1540	495411.06	3858601.99	1.64376	2.0107	2.25095	1.73725	1.49E-01	0.00851	4.2E-05	0.00402	0.16153	1.88E-01	0.010736	3.58E-05	0.002349	2.01E-01	0.185333	0.009234	2.92E-05	0.002495	0.197091
1541	495461.06	3858601.99	1.64586	1.98888	2.25628	1.73394	1.49E-01	0.00841	4.2E-05	0.00402	0.16162	1.88E-01	0.01062	3.59E-05	0.002344	2.01E-01	0.18557	0.009134	2.93E-05	0.00249	0.197223
1542	495511.06	3858601.99	1.6288	1.95451	2.22649	1.73204	1.48E-01	0.00827	4.2E-05	0.00401	0.15993	1.86E-01	0.010436	3.54E-05	0.002342	1.99E-01	0.183647	0.008976	2.89E-05	0.002487	0.195139
1543	495561.06	3858601.99	1.63911	1.93882	2.24258	1.73471	1.49E-01	0.0082	4.2E-05	0.00402	0.1608	1.87E-01	0.010352	3.56E-05	0.002346	2.00E-01	0.184809	0.008904	2.91E-05	0.002491	0.196233
1544	495611.06	3858601.99	1.61564	1.89433	2.20717	1.73693	1.46E-01	0.00801	4.1E-05	0.00402	0.15849	1.85E-01	0.010115	3.51E-05	0.002349	1.97E-01	0.182163	0.008699	2.86E-05	0.002494	0.193385
1545	495661.06	3858601.99	1.62578	1.88591	2.21345	1.73925	1.47E-01	0.00798	4.1E-05	0.00403	0.15938	1.86E-01	0.01007	3.52E-05	0.002352	1.98E-01	0.183306	0.008661	2.87E-05	0.002498	0.194493
1546	494311.06	3858651.99	1.8914	3.5275	2.38965	1.7702	1.71E-01	0.01492	4.5E-05	0.0041	0.19047	2.16E-01	0.018835	3.8E-05	0.002394	2.38E-01	0.213255	0.0162	3.1E-05	0.002542	0.232027
1547	494361.06	3858651.99	2.21161	3.90002	2.59334	2.04121	2.00E-01	0.0165	4.9E-05	0.00473	0.2217	2.53E-01	0.020824	4.12E-05	0.00276	2.77E-01	0.249358	0.01791	3.37E-05	0.002931	0.270234
1548	494411.06	3858651.99	2.5561	4.36977	3.03561	2.06635	2.32E-01	0.01849	5.7E-05	0.00479	0.25497	2.92E-01	0.023332	4.82E-05	0.002794	3.19E-01	0.288199	0.020068	3.94E-05	0.002967	0.311274
1549	494461.06	3858651.99	2.60684	4.41407	3.08979	2.07112	2.36E-01	0.01867	5.8E-05	0.0048	0.25977	2.98E-01	0.023569	4.91E-05	0.0028	3.25E-01	0.29392	0.020271	4.01E-05	0.002974	0.317206
1550	494511.06	3858651.99	2.57624	4.32039	3.0573	2.0691	2.33E-01	0.01828	5.7E-05	0.00479	0.25659	2.95E-01	0.023069	4.86E-05	0.002798	3.21E-01	0.29047	0.019841	3.97E-05	0.002971	0.313322
1551	494561.06	3858651.99	2.56027	4.28191	3.06524	2.06815	2.32E-01	0.01811	5.7E-05	0.00479	0.25498	2.93E-01	0.022863	4.87E-05	0.002796	3.19E-01	0.28867	0.019664	3.98E-05	0.00297	0.311343
1552	494611.06	3858651.99	2.52549	4.24832	3.05622	2.06539	2.29E-01	0.01797	5.7E-05	0.00478	0.25168	2.89E-01	0.022684	4.86E-05	0.002793	3.14E-01	0.284748	0.01951	3.97E-05	0.002966	0.307264
1553	494661.06	3858651.99	2.46226	4.16587	3.00895	2.06024	2.23E-01	0.01762	5.6E-05	0.00477	0.24559	2.82E-01	0.022244	4.78E-05	0.002786	3.07E-01	0.277619	0.019131	3.91E-05	0.002959	0.299748
1554	494711.06	3858651.99	2.37096	4.03366	2.92292	2.05264	2.15E-01	0.01706	5.5E-05	0.00475	0.23673	2.71E-01	0.021538	4.65E-05	0.002775	2.96E-01	0.267325	0.018524	3.79E-05	0.002948	0.288835
1555	494761.06	3858651.99	2.29987	3.92927	2.86643	2.0464	2.08E-01	0.01662	5.4E-05	0.00474	0.22984	2.63E-01	0.02098	4.56E-05	0.002767	2.87E-01	0.25931	0.018045	3.72E-05	0.002939	0.28033
1556	494811.06	3858651.99	2.19195	3.76198	2.75818	2.0371	1.99E-01	0.01592	5.2E-05	0.00472	0.21932	2.51E-01	0.020087	4.38E-05	0.002754	2.74E-01	0.247142	0.017276	3.58E-05	0.002925	0.267379
1557	494861.06	3858651.99	2.09532	3.61439	2.66831	1.78143	1.90E-01	0.01529	5E-05	0.00413	0.20935	2.40E-01	0.019299	4.24E-05	0.002409	2.61E-01	0.236247	0.016599	3.46E-05	0.002558	0.255438
1558	494911.06	3858651.99	1.99212	3.45645	2.59516	1.77214	1.81E-01	0.01462	4.9E-05	0.0041	0.19931	2.28E-01	0.018456	4.12E-05	0.002396	2.49E-01	0.224611	0.015873	3.37E-05	0.002545	0.243063
1559	494961.06	3858651.99	1.9309	3.31535	2.5502	1.7657	1.75E-01	0.01403	4.8E-05	0.00409	0.19315	2.21E-01	0.017702	4.05E-05	0.002387	2.41E-01	0.217708	0.015225	3.31E-05	0.002536	0.235502
1560	495011.06	3858651.99	1.88781	3.20643	2.51938	1.76105	1.71E-01	0.01356	4.7E-05	0.00408	0.18877	2.16E-01	0.017121	4E-05	0.002381	2.35E-01	0.21285	0.014725	3.27E-05	0.002529	0.230137
1561	495061.06	3858651.99	1.85341	3.0834	2.48905	1.75579	1.68E-01	0.01304	4.7E-05	0.00407	0.18512	2.12E-01	0.016464	3.96E-05	0.002374	2.31E-01	0.208971	0.01416	3.23E-05	0.002521	0.225685
1562	495111.06	3858651.99	1.80131	2.95905	2.44415	1.74937	1.63E-01	0.01252	4.6E-05	0.00405	0.17985	2.06E-01	0.0158	3.88E-05	0.002365	2.24E-01	0.203097	0.013589	3.17E-05	0.002512	0.21923
1563	495161.06	3858651.99	1.77626	2.87164	2.42192	1.74482	1.61E-01	0.01215	4.5E-05	0.00404	0.1772	2.03E-01	0.015333	3.85E-05	0.002359	2.21E-01	0.200273	0.013188	3.14E-05	0.002506	0.215997
1564	495211.06	3858651.99	1.74281	2.78067	2.37903	1.73883	1.58E-01	0.01176	4.5E-05	0.00403	0.17377	1.99E-01	0.014847	3.78E-05	0.002351	2.17E-01	0.196501	0.01277	3.09E-05	0.002497	0.211799
1565	495261.06	3858651.99	1.74324	2.73987	2.38358	1.73685	1.58E-01	0.01159	4.5E-05	0.00402	0.17363	1.99E-01	0.01463	3.79E-05	0.002348	2.16E-01	0.19655	0.012583	3.09E-05	0.002494	0.211657
1566	495311.06	3858651.99	1.73297	2.69188	2.36983	1.73549	1.57E-01	0.01139	4.4E-05	0.00402	0.1725	1.98E-01	0.014373	3.77E-05	0.002347	2.15E-01	0.195392	0.012362	3.08E-05	0.002492	0.210277
1567	495361.06	3858651.99	1.73098	2.66944	2.37314	1.7334	1.57E-01	0.01129	4.4E-05	0.00401	0.17222	1.98E-01	0.014254	3.77E-05	0.002344	2.15E-01	0.195167	0.012259	3.08E-05	0.002489	0.209947
1568	495411.06	3858651.99	1.73347	2.65324	2.38343	1.73102	1.57E-01	0.01122	4.5E-05	0.00401	0.17237	1.98E-01	0.014167	3.79E-05	0.002341	2.15E-01	0.195448	0.012185	3.09E-05	0.002486	0.21015
1569	495461.06	3858651.99	1.74443	2.64559	2.40013	1.72885	1.58E-01	0.01119	4.5E-05	0.004	0.17333	2.00E-01	0.014126	3.81E-05	0.002338	2.16E-01	0.196684	0.01215	3.12E-05	0.002483	0.211347
1570	495511.06	3858651.99	1.72756	2.15972	2.37835	1.72608	1.57E-01	0.00914	4.5E-05	0.004	0.16973	1.98E-01	0.011532	3.78E-05	0.002334	2.11E-01	0.194782	0.009918	3.09E-05	0.002479	0.20721
1571	495561.06	3858651.99	1.72087	2.12702	2.36785	1.72318	1.56E-01	0.009	4.4E-05	0.00399	0.16898	1.97E-01	0.011357	3.76E-05	0.00233	2.11E-01	0.194028	0.009768	3.07E-05	0.002475	0.206301
1572	495611.06	3858651.99	1.68776	2.07449	2.33235	1.72003	1.53E-01	0.00878	4.4E-05	0.00398	0.16575	1.93E-01	0.011077	3.71E-05	0.002326	2.06E-01	0.190294	0.009527	3.03E-05	0.00247	0.202322
1573	495661.06	3858651.99	1.69536	2.04701	2.3381	1.71688	1.54E-01	0.00866	4.4E-05	0.00398	0.16632	1.94E-01	0.01093	3.72E-05	0.002321	2.07E-01	0.191151	0.009401	3.03E-05	0.002466	0.203048
1574	494311.06	3858701.99	2.05507	3.73759	2.40627	1.76757	1.86E-01	0.01581	4.5E-05	0.00409	0.20619	2.35E-01	0.019957	3.82E-05	0.00239	2.57E-01	0.231708	0.017164	3.12E-05	0.002538	0.251442
1575	494361.06	3858701.99	2.49379	4.31805	2.96095	2.05173	2.26E-01	0.01827	5.5E-05	0.00475	0.24907	2.85E-01	0.023056	4.71E-05	0.002774	3.11E-01	0.281174	0.01983	3.84E-05	0.002946	0.303989
1576	494411.06	3858701.99	2.76647	4.69035	3.34712	2.07261	2.51E-01	0.01984	6.3E-05	0.0048	0.27541	3.16E-01	0.025044	5.32E-05	0.002802	3.44E-01	0.311919	0.02154	4.34E-05	0.002976	0.336478
1577	494461.06	3858701.99	2.78396	4.71133	3.35256	2.07531	2.52E-01	0.01993	6.3E-05	0.00481	0.27709	3.18E-01	0.025156	5.33E-05	0.002806	3.46E-01	0.313891	0.021636	4.35E-05	0.00298	0.33855
1578	494511.06	3858701.99	2.80433	4.72928	3.32698	2.07808	2.54E-01	0.02001	6.2E-05	0.00481	0.27902	3.21E-01	0.025252	5.29E-05	0.00281	3.49E-01	0.316187	0.021719	4.32E-05	0.002984	0.340933
1579	494561.06	3858701.99	2.76106	4.65635	3.26858	2.0769	2.50E-01	0.0197	6.1E-05	0.00481	0.27478	3.16E-01	0.024863	5.19E-05	0.002808	3.44E-01	0.311309	0.021384	4.24E-05	0.002983	0.335717
1580	494611.06	3858701.99	2.63485	4.45386	3.11078	2.06915	2.39E-01	0.01884	5.8E-05	0.00479	0.26247	3.01E-01	0.023781	4.94E-05	0.002798	3.28E-01	0.297078	0.020454	4.04E-05	0.002971	0.320544
1581	494661.06	3858701.99	2.63868	4.41965	3.14395	2.07002	2.39E-01	0.0187	5.9E-05	0.00479	0.26267	3.02E-01	0.023599	5E-05	0.002799	3.28E-01	0.29751	0.020297	4.08E-05	0.002973	0.32082
1582	494711.06	3858701.99	2.39281	4.0522	2.8316	2.05142	2.17E-01	0.01714	5.3E-05	0.00475	0.23879	2.74E-01	0.021637	4.5E-05	0.002774	2.98E-01	0.269789	0.018609	3.68E-05	0.002946	0.29138

1583	494761.06	3858701.99	2.45374	4.15743	2.95446	2.05636		2.22E-01	0.01759	5.5E-05	0.00476	0.24477		2.81E-01	0.022199	4.7E-05	0.00278	3.06E-01		0.276658	0.019092	3.84E-05	0.002953	0.298742
1584	494811.06	3858701.99	2.34609	4.01409	2.84482	2.04766		2.13E-01	0.01698	5.3E-05	0.00474	0.23439		2.68E-01	0.021433	4.52E-05	0.002769	2.93E-01		0.264521	0.018434	3.69E-05	0.002941	0.285933
1585	494861.06	3858701.99	2.26006	3.89289	2.76733	2.04065		2.05E-01	0.01647	5.2E-05	0.00473	0.22606		2.59E-01	0.020786	4.4E-05	0.002759	2.82E-01		0.254821	0.017878	3.59E-05	0.00293	0.275665
1586	494911.06	3858701.99	2.18541	3.78155	2.70606	1.77998		1.98E-01	0.016	5.1E-05	0.00412	0.21822		2.50E-01	0.020192	4.3E-05	0.002407	2.73E-01		0.246404	0.017366	3.51E-05	0.002556	0.266362
1587	494961.06	3858701.99	2.03089	3.54759	2.56679	1.76874		1.84E-01	0.01501	4.8E-05	0.0041	0.2032		2.32E-01	0.018942	4.08E-05	0.002392	2.54E-01		0.228982	0.016292	3.33E-05	0.00254	0.247847
1588	495011.06	3858701.99	1.94561	3.42664	2.52089	1.76068		1.76E-01	0.0145	4.7E-05	0.00408	0.19494		2.23E-01	0.018297	4.01E-05	0.002381	2.43E-01		0.219367	0.015736	3.27E-05	0.002528	0.237664
1589	495061.06	3858701.99	1.92025	3.37475	2.51579	1.75624		1.74E-01	0.01428	4.7E-05	0.00407	0.19241		2.20E-01	0.01802	4E-05	0.002375	2.40E-01		0.216508	0.015498	3.27E-05	0.002522	0.23456
1590	495111.06	3858701.99	1.85596	3.23581	2.46298	1.75067		1.68E-01	0.01369	4.6E-05	0.00405	0.18598		2.12E-01	0.017278	3.91E-05	0.002367	2.32E-01		0.209259	0.01486	3.2E-05	0.002514	0.226665
1591	495161.06	3858701.99	1.83774	3.16016	2.44534	1.74748		1.67E-01	0.01337	4.6E-05	0.00405	0.184		2.10E-01	0.016874	3.89E-05	0.002363	2.29E-01		0.207205	0.014513	3.17E-05	0.002509	0.224258
1592	495211.06	3858701.99	1.80207	3.05982	2.41841	1.7428		1.63E-01	0.01294	4.5E-05	0.00404	0.18033		2.06E-01	0.016338	3.84E-05	0.002356	2.25E-01		0.203183	0.014052	3.14E-05	0.002503	0.219769
1593	495261.06	3858701.99	1.80155	3.01021	2.43081	1.74122		1.63E-01	0.01273	4.6E-05	0.00403	0.18007		2.06E-01	0.016073	3.86E-05	0.002354	2.25E-01		0.203124	0.013824	3.16E-05	0.0025	0.21948
1594	495311.06	3858701.99	1.79986	2.95695	2.44175	1.73946		1.63E-01	0.01251	4.6E-05	0.00403	0.17969		2.06E-01	0.015789	3.88E-05	0.002352	2.24E-01		0.202934	0.013579	3.17E-05	0.002498	0.219043
1595	495361.06	3858701.99	1.79374	2.89563	2.44325	1.73659		1.63E-01	0.01225	4.6E-05	0.00402	0.17887		2.05E-01	0.015461	3.88E-05	0.002348	2.23E-01		0.202244	0.013298	3.17E-05	0.002494	0.218067
1596	495411.06	3858701.99	1.80394	2.86837	2.45997	1.73512		1.63E-01	0.01213	4.6E-05	0.00402	0.17968		2.06E-01	0.015316	3.91E-05	0.002346	2.24E-01		0.203394	0.013173	3.19E-05	0.002492	0.21909
1597	495461.06	3858701.99	1.80254	2.83811	2.46387	1.73235		1.63E-01	0.01201	4.6E-05	0.00401	0.17942		2.06E-01	0.015154	3.92E-05	0.002342	2.24E-01		0.203236	0.013034	3.2E-05	0.002488	0.218789
1598	495511.06	3858701.99	1.79417	2.80836	2.45887	1.72865		1.63E-01	0.01188	4.6E-05	0.004	0.17852		2.05E-01	0.014995	3.91E-05	0.002337	2.23E-01		0.202292	0.012897	3.19E-05	0.002482	0.217703
1599	495561.06	3858701.99	1.7821	2.77626	2.44625	1.72422		1.61E-01	0.01174	4.6E-05	0.00399	0.17728		2.04E-01	0.014824	3.89E-05	0.002331	2.21E-01		0.200931	0.01275	3.18E-05	0.002476	0.216189
1600	495611.06	3858701.99	1.76494	2.73683	2.42876	1.71943		1.60E-01	0.01158	4.5E-05	0.00398	0.17555		2.02E-01	0.014613	3.86E-05	0.002325	2.19E-01		0.198996	0.012569	3.15E-05	0.002469	0.214066
1601	495661.06	3858701.99	1.76151	2.70532	2.42735	1.7155		1.60E-01	0.01144	4.5E-05	0.00397	0.1751		2.01E-01	0.014445	3.86E-05	0.00232	2.18E-01		0.19861	0.012424	3.15E-05	0.002464	0.213529
1602	494311.06	3858751.99	2.23205	3.97814	2.63873	2.0247		2.02E-01	0.01683	4.9E-05	0.00469	0.22384		2.55E-01	0.021241	4.19E-05	0.002738	2.79E-01		0.251663	0.018269	3.43E-05	0.002908	0.272874
1603	494361.06	3858751.99	2.77677	4.61779	3.43177	2.05822		2.52E-01	0.01954	6.4E-05	0.00477	0.276		3.18E-01	0.024657	5.45E-05	0.002783	3.45E-01		0.31308	0.021207	4.45E-05	0.002956	0.337287
1604	494411.06	3858751.99	3.03203	4.974	3.74859	2.07647		2.75E-01	0.02104	7E-05	0.00481	0.30069		3.47E-01	0.026559	5.96E-05	0.002808	3.76E-01		0.34186	0.022842	4.87E-05	0.002982	0.367733
1605	494461.06	3858751.99	3.05208	5.0233	3.75826	2.08019		2.77E-01	0.02125	7E-05	0.00482	0.30273		3.49E-01	0.026822	5.97E-05	0.002813	3.79E-01		0.344121	0.023069	4.88E-05	0.002987	0.370226
1606	494511.06	3858751.99	3.09947	5.12521	3.76902	2.08548		2.81E-01	0.02168	7.1E-05	0.00483	0.30746		3.55E-01	0.027366	5.99E-05	0.00282	3.85E-01		0.349464	0.023537	4.89E-05	0.002995	0.376045
1607	494561.06	3858751.99	3.01208	5.00667	3.65214	2.08137		2.73E-01	0.02118	6.8E-05	0.00482	0.29903		3.45E-01	0.026733	5.8E-05	0.002814	3.74E-01		0.339611	0.022992	4.74E-05	0.002989	0.36564
1608	494611.06	3858751.99	2.90477	4.86986	3.48119	2.07598		2.63E-01	0.0206	6.5E-05	0.00481	0.28871		3.32E-01	0.026003	5.53E-05	0.002807	3.61E-01		0.327512	0.022364	4.52E-05	0.002981	0.352902
1609	494661.06	3858751.99	2.8334	4.7584	3.40768	2.07474		2.57E-01	0.02013	6.4E-05	0.00481	0.28177		3.24E-01	0.025408	5.42E-05	0.002805	3.52E-01		0.319465	0.021852	4.42E-05	0.002979	0.344341
1610	494711.06	3858751.99	2.65954	4.51122	3.17339	2.06486		2.41E-01	0.01908	5.9E-05	0.00478	0.26494		3.04E-01	0.024088	5.04E-05	0.002792	3.31E-01		0.299862	0.020717	4.12E-05	0.002965	0.323586
1611	494761.06	3858751.99	2.63431	4.44996	3.10165	2.0644		2.39E-01	0.01883	5.8E-05	0.00478	0.26239		3.01E-01	0.023761	4.93E-05	0.002791	3.28E-01		0.297018	0.020436	4.03E-05	0.002965	0.320458
1612	494811.06	3858751.99	2.51366	4.23858	2.95875	2.05612		2.28E-01	0.01793	5.5E-05	0.00476	0.25054		2.88E-01	0.022632	4.7E-05	0.00278	3.13E-01		0.283414	0.019465	3.84E-05	0.002953	0.305871
1613	494861.06	3858751.99	2.41086	4.0866	2.85316	2.04841		2.18E-01	0.01729	5.3E-05	0.00474	0.24056		2.76E-01	0.02182	4.53E-05	0.00277	3.00E-01		0.271824	0.018767	3.7E-05	0.002942	0.293569
1614	494911.06	3858751.99	2.29571	3.93029	2.73267	2.03953		2.08E-01	0.01663	5.1E-05	0.00472	0.22944		2.63E-01	0.020986	4.34E-05	0.002758	2.86E-01		0.258841	0.018049	3.55E-05	0.002929	0.279854
1615	494961.06	3858751.99	2.21484	3.82802	2.66128	2.03359		2.01E-01	0.01619	5E-05	0.00471	0.22167		2.53E-01	0.02044	4.23E-05	0.00275	2.77E-01		0.249722	0.01758	3.45E-05	0.00292	0.270257
1616	495011.06	3858751.99	2.15919	3.75821	2.62807	1.76902		1.96E-01	0.0159	4.9E-05	0.0041	0.21572		2.47E-01	0.020067	4.18E-05	0.002392	2.69E-01		0.243448	0.017259	3.41E-05	0.00254	0.263282
1617	495061.06	3858751.99	2.07123	3.63591	2.5624	1.76196		1.88E-01	0.01538	4.8E-05	0.00408	0.20721		2.37E-01	0.019414	4.07E-05	0.002382	2.59E-01		0.23353	0.016697	3.33E-05	0.00253	0.252791
1618	495111.06	3858751.99	1.96448	3.48083	2.49992	1.75326		1.78E-01	0.01473	4.7E-05	0.00406	0.19686		2.25E-01	0.018586	3.97E-05	0.002371	2.46E-01		0.221494	0.015985	3.24E-05	0.002518	0.24003
1619	495161.06	3858751.99	1.92306	3.41859	2.48166	1.74869		1.74E-01	0.01446	4.6E-05	0.00405	0.19283		2.20E-01	0.018254	3.94E-05	0.002364	2.41E-01		0.216824	0.015699	3.22E-05	0.002511	0.235067
1620	495211.06	3858751.99	1.86748	3.33161	2.45355	1.74272		1.69E-01	0.01409	4.6E-05	0.00404	0.18741		2.14E-01	0.017789	3.9E-05	0.002356	2.34E-01		0.210558	0.0153	3.18E-05	0.002503	0.228392
1621	495261.06	3858751.99	1.86264	3.30005	2.45794	1.7413		1.69E-01	0.01396	4.6E-05	0.00403	0.18684		2.13E-01	0.017621	3.91E-05	0.002354	2.33E-01		0.210012	0.015155	3.19E-05	0.002501	0.2277
1622	495311.06	3858751.99	1.86062	3.26921	2.46784	1.74092		1.69E-01	0.01383	4.6E-05	0.00403	0.18652		2.13E-01	0.017456	3.92E-05	0.002354	2.33E-01		0.209784	0.015013	3.2E-05	0.0025	0.22733
1623	495361.06	3858751.99	1.85334	3.2187	2.47334	1.73946		1.68E-01	0.01362	4.6E-05	0.00403	0.18565		2.12E-01	0.017186	3.93E-05	0.002352	2.32E-01		0.208963	0.014781	3.21E-05	0.002498	0.226275
1624	495411.06	3858751.99	1.86286	3.19522	2.49745	1.7391		1.69E-01	0.01352	4.7E-05	0.00403	0.18641		2.13E-01	0.017061	3.97E-05	0.002351	2.33E-01		0.210037	0.014674	3.24E-05	0.002497	0.22724
1625	495461.06	3858751.99	1.85582	3.14093	2.50337	1.73734		1.68E-01	0.01329	4.7E-05	0.00402	0.18554		2.12E-01	0.016771	3.98E-05	0.002349	2.31E-01		0.209243	0.014424	3.25E-05	0.002495	0.226195
1626	495511.06	3858751.99	1.8446	3.06767	2.4997	1.73444		1.67E-01	0.01298	4.7E-05	0.00402	0.1842		2.11E-01	0.01638	3.97E-05	0.002345	2.30E-01		0.207978	0.014088	3.24E-05	0.002491	0.224589
1627	495561.06	3858751.99	1.83748	2.98526	2.4906	1.73125		1.67E-01	0.01263	4.7E-05	0.00401	0.1832		2.10E-01	0.01594	3.96E-05	0.002341	2.28E-01		0.207175	0.013709	3.23E-05	0.002486	0.223403
1628	495611.06	3858751.99	1.82888	2.92353	2.48387	1.72746		1.66E-01	0.01237	4.6E-05	0.004	0.18215		2.09E-01	0.01561	3.95E-05	0.002336	2.27E-01		0.206206	0.013426	3.22E-05	0.002481	0.222144
1629	495661.06	3858751.99	1.82032	2.89685	2.47919	1.7239		1.65E-01	0.01226	4.6E-05	0.00399	0.18126		2.08E-01	0.015468	3.94E-05	0.002331	2.26E-01		0.20524	0.013303	3.22E-05	0.002476	0.221052
1630	494311.06	3858801.99	2.5061	4.29557	3.17964	2.02768		2.27E-01	0.01817	6E-05	0.0047	0.25004		2.87E-01	0.022936	5.05E-05	0.002742	3.12E-01		0.282562	0.019727	4.13E-05	0.002912	0.305242
1631	494361.06	3858801.99	3.06335	4.82521	3.8565	2.05927		2.78E-01	0.02041	7.2E-05	0.00477	0.30286		3.50E-01	0.025764	6.13E-05	0.002784	3.79E-01		0.345392	0.022159	5.01E-05	0.002957	0.370558
1632	494411.06	3858801.99	3.21157	5.0326	4.03864	4.16958		2.91E-01	0.02129	7.6E-05	0.00966	0.32206		3.67E-01	0.026872	6.42E-05	0.005638	4.00E-01		0.362103	0.023112	5.24E-05	0.005988	0.391255
1633	494461.06	3858801.99	3.29331	5.17643	4.13159	2.54308		2.98E-01	0.0219	7.7E-05	0.00589	0.32631		3.77E-01	0.02764	6.57E-05	0.003439	4.08E-01		0.37132	0.023772	5.36E-05	0.003652	0.398797
1634	494511.06	3858801.99	3.3566	5.33889	4.16591	2.55108		3.04E-01	0.02259	7.8E-05	0.00591	0.33276		3.84E-01	0.028507	6.62E-05	0.003449	4.16E-01		0.378456	0.024518	5.41E-05	0.003663	0.406691
1635	494561.06	3858801.99	3.33619	5.36201	4.12355	2.5537		3.02E-01	0.02268	7.7E-05	0.00591	0.33101		3.82E-01	0.028631	6.55E-05	0.003453	4.14E-01		0.376154	0.024624	5.35E-05	0.003667	0.404499
1636	494611.06	3858801.99	3.27518	5.31951	4.02677	2.55313		2.97E-01	0.0225	7.5E-05	0.00591	0.3253		3.75E-01	0.028404	6.4E-05	0.003452	4.07E-01		0.369275	0.024429	5.23E-05	0.003666	0.397423
1637	494661.06	3858801.99	3.15806	5.18684	3.85578	2.08338		2.86E-01	0.02194	7.2E-05	0.00483	0.31303		3.61E-01	0.027695	6.13E-05	0.002817	3.92E-01		0.35607	0.02382	5E-05	0.002992	0.382932
1638	494711.06	3858801.99	3.01474	5.0083	3.6515	2.0759		2.73E-01	0.02119	6.8E-05	0.00481	0.29927		3.45E-01	0.026742	5.8E-05	0.002807	3.74E-01		0.339911	0.023	4.74E-05	0.002981	0.365939
1639	494761.06	3858801.99	2.84337	4.7842	3.41254	2.06647		2.58E-01	0.02024	6.4E-05	0.00479	0.28276		3.25E-01	0.025545	5.42E-05	0.002794	3.54E-01		0.320589	0.021971	4.43E-05	0.002968	0.345572
1640	494811.06	3858801.99	2.66513	4.5392	3.16759	2.05675		2.42E-01	0.0192	5.9E-05	0.00476	0.26555		3.05E-01	0.024237	5.03E-05	0.002781	3.32E-01		0.300492	0.020846	4.11E-05	0.002954	0.324333
1641	494861.06	3858801.99	2.57733	4.40382	3.03718	2.05313		2.34E-01	0.01863	5.7E-05	0.00476	0.25701		2.95E-01	0.023514	4.83E-05	0.002776	3.21E-01		0.290593	0.020224	3.94E-05	0.002948	0.313805
1642	494911.06	3858801.99	2.46248	4.19083	2.85969	2.04564		2.23E-01	0.01773	5.4E-05	0.00474	0.24568		2.82E-01	0.022377	4.54E-05	0.002766	3.07E-01		0.277644	0.019246	3.71E-05	0.002938	0.299864
1643	494961.06	3858801.99	2.38481	4.05041	2.77547	2.0405		2.16E-01	0.01714	5.2E-05	0.00473	0.23803		2.73E-01	0.021627	4.41E-05	0.002759	2.97E-01		0.268887	0.018601	3.6E-05	0.00293	0.290454

1644	495011.06	3858801.99	2.30042	3.93548	2.69695	2.03483	2.08E-01	0.01665	5E-05	0.00471	0.22988	2.63E-01	0.021014	4.29E-05	0.002751	2.87E-01	0.259372	0.018073	3.5E-05	0.002922	0.280402
1645	495061.06	3858801.99	2.24764	3.86748	2.66543	2.03138	2.04E-01	0.01636	5E-05	0.00471	0.2248	2.57E-01	0.02065	4.24E-05	0.002747	2.81E-01	0.253421	0.017761	3.46E-05	0.002917	0.274133
1646	495111.06	3858801.99	2.13284	3.72107	2.55236	1.76337	1.93E-01	0.01574	4.8E-05	0.00408	0.21316	2.44E-01	0.019869	4.06E-05	0.002384	2.66E-01	0.240477	0.017089	3.31E-05	0.002532	0.260131
1647	495161.06	3858801.99	2.04772	3.61486	2.4968	1.75726	1.86E-01	0.01529	4.7E-05	0.00407	0.20498	2.34E-01	0.019302	3.97E-05	0.002376	2.56E-01	0.23088	0.016601	3.24E-05	0.002524	0.250036
1648	495211.06	3858801.99	2.0053	3.55945	2.48502	1.7534	1.82E-01	0.01506	4.7E-05	0.00406	0.20089	2.29E-01	0.019006	3.95E-05	0.002371	2.51E-01	0.226097	0.016346	3.23E-05	0.002518	0.244993
1649	495261.06	3858801.99	1.98516	3.53234	2.49927	1.75075	1.80E-01	0.01494	4.7E-05	0.00406	0.19894	2.27E-01	0.018861	3.97E-05	0.002367	2.48E-01	0.223826	0.016222	3.24E-05	0.002514	0.242595
1650	495311.06	3858801.99	1.9821	3.53325	2.52042	1.74882	1.80E-01	0.01495	4.7E-05	0.00405	0.19867	2.27E-01	0.018866	4.01E-05	0.002365	2.48E-01	0.223481	0.016226	3.27E-05	0.002511	0.242251
1651	495361.06	3858801.99	1.96	3.50149	2.52674	1.74558	1.78E-01	0.01481	4.7E-05	0.00404	0.19652	2.24E-01	0.018696	4.02E-05	0.00236	2.45E-01	0.220989	0.01608	3.28E-05	0.002507	0.239609
1652	495411.06	3858801.99	1.9815	3.52019	2.57624	1.74444	1.80E-01	0.01489	4.8E-05	0.00404	0.19855	2.27E-01	0.018796	4.09E-05	0.002359	2.48E-01	0.223413	0.016166	3.34E-05	0.002505	0.242118
1653	495461.06	3858801.99	1.95811	3.4634	2.57578	1.74141	1.77E-01	0.01465	4.8E-05	0.00403	0.19618	2.24E-01	0.018493	4.09E-05	0.002355	2.45E-01	0.220776	0.015905	3.34E-05	0.002501	0.239216
1654	495511.06	3858801.99	1.91835	3.39017	2.56518	1.73794	1.74E-01	0.01434	4.8E-05	0.00403	0.19226	2.19E-01	0.018102	4.08E-05	0.00235	2.40E-01	0.216293	0.015569	3.33E-05	0.002496	0.234391
1655	495561.06	3858801.99	1.90461	3.32479	2.55824	1.73531	1.73E-01	0.01407	4.8E-05	0.00402	0.19073	2.18E-01	0.017753	4.07E-05	0.002346	2.38E-01	0.214744	0.015269	3.32E-05	0.002492	0.232538
1656	495611.06	3858801.99	1.88125	3.23679	2.53602	1.73076	1.70E-01	0.01369	4.7E-05	0.00401	0.18823	2.15E-01	0.017283	4.03E-05	0.00234	2.35E-01	0.21211	0.014865	3.29E-05	0.002485	0.229493
1657	495661.06	3858801.99	1.88139	3.17852	2.5412	1.72854	1.70E-01	0.01345	4.8E-05	0.004	0.18799	2.15E-01	0.016972	4.04E-05	0.002337	2.35E-01	0.212126	0.014597	3.3E-05	0.002482	0.229238
1658	494311.06	3858851.99	3.19265	5.10393	4.13883	2.49961	2.89E-01	0.02159	7.7E-05	0.00579	0.31678	3.65E-01	0.027253	6.58E-05	0.00338	3.96E-01	0.35997	0.023439	5.37E-05	0.00359	0.387053
1659	494361.06	3858851.99	3.51923	5.56971	4.52197	2.52483	3.19E-01	0.02356	8.5E-05	0.00585	0.34842	4.03E-01	0.02974	7.19E-05	0.003414	4.36E-01	0.396792	0.025578	5.87E-05	0.003626	0.426055
1660	494411.06	3858851.99	3.51949	5.53036	4.49603	2.52871	3.19E-01	0.0234	8.4E-05	0.00586	0.34828	4.03E-01	0.029529	7.15E-05	0.003419	4.36E-01	0.396821	0.025397	5.84E-05	0.003631	0.425908
1661	494461.06	3858851.99	3.56188	5.55006	4.54062	2.53945	3.23E-01	0.02348	8.5E-05	0.00588	0.35223	4.07E-01	0.029635	7.22E-05	0.003434	4.41E-01	0.401601	0.025488	5.89E-05	0.003647	0.430794
1662	494511.06	3858851.99	3.58947	5.59392	4.53038	2.55054	3.25E-01	0.02367	8.5E-05	0.00591	0.35494	4.11E-01	0.029869	7.2E-05	0.003449	4.44E-01	0.404712	0.025689	5.88E-05	0.003663	0.434122
1663	494561.06	3858851.99	3.5571	5.51972	4.47292	2.55226	3.22E-01	0.02335	8.4E-05	0.00591	0.3517	4.07E-01	0.029473	7.11E-05	0.003451	4.40E-01	0.401062	0.025349	5.81E-05	0.003665	0.430134
1664	494611.06	3858851.99	3.47737	5.39471	4.35105	2.54731	3.15E-01	0.02282	8.1E-05	0.0059	0.34393	3.98E-01	0.028805	6.92E-05	0.003444	4.30E-01	0.392072	0.024775	5.65E-05	0.003658	0.420561
1665	494661.06	3858851.99	3.36871	5.28125	4.19038	2.54077	3.05E-01	0.02234	7.8E-05	0.00588	0.33359	3.85E-01	0.028199	6.66E-05	0.003435	4.17E-01	0.379821	0.024253	5.44E-05	0.003649	0.407777
1666	494711.06	3858851.99	3.19865	5.11503	3.94839	2.53241	2.90E-01	0.02164	7.4E-05	0.00587	0.31745	3.66E-01	0.027312	6.28E-05	0.003424	3.97E-01	0.360647	0.02349	5.13E-05	0.003637	0.387825
1667	494761.06	3858851.99	3.03392	4.94689	3.71547	2.06372	2.75E-01	0.02093	7E-05	0.00478	0.30072	3.47E-01	0.026414	5.91E-05	0.00279	3.76E-01	0.342073	0.022718	4.82E-05	0.002964	0.367803
1668	494811.06	3858851.99	2.89983	4.80298	3.52466	2.05765	2.63E-01	0.02032	6.6E-05	0.00477	0.28794	3.32E-01	0.025646	5.6E-05	0.002782	3.60E-01	0.326955	0.022057	4.58E-05	0.002955	0.352013
1669	494861.06	3858851.99	2.81612	4.71307	3.40102	2.05496	2.55E-01	0.01994	6.4E-05	0.00476	0.27996	3.22E-01	0.025166	5.41E-05	0.002779	3.50E-01	0.317517	0.021644	4.41E-05	0.002951	0.342156
1670	494911.06	3858851.99	2.68951	4.5536	3.2226	2.04911	2.44E-01	0.01926	6E-05	0.00475	0.2678	3.08E-01	0.024314	5.12E-05	0.002771	3.35E-01	0.303241	0.020912	4.18E-05	0.002943	0.327138
1671	494961.06	3858851.99	2.57979	4.40553	3.06745	2.04426	2.34E-01	0.01864	5.7E-05	0.00473	0.25722	2.95E-01	0.023523	4.88E-05	0.002764	3.21E-01	0.29087	0.020232	3.98E-05	0.002936	0.314078
1672	495011.06	3858851.99	2.4965	4.28394	2.94057	2.04111	2.26E-01	0.01812	5.5E-05	0.00473	0.24914	2.86E-01	0.022874	4.67E-05	0.00276	3.11E-01	0.28148	0.019673	3.82E-05	0.002931	0.304122
1673	495061.06	3858851.99	2.41509	4.12996	2.79352	2.03626	2.19E-01	0.01747	5.2E-05	0.00472	0.2411	2.76E-01	0.022052	4.44E-05	0.002753	3.01E-01	0.272301	0.018966	3.63E-05	0.002924	0.294227
1674	495111.06	3858851.99	2.25436	3.87603	2.60218	2.02473	2.04E-01	0.0164	4.9E-05	0.00469	0.22543	2.58E-01	0.020696	4.14E-05	0.002738	2.81E-01	0.254178	0.0178	3.38E-05	0.002908	0.27492
1675	495161.06	3858851.99	2.17596	3.78123	2.53281	1.76104	1.97E-01	0.016	4.7E-05	0.00408	0.21731	2.49E-01	0.02019	4.03E-05	0.002381	2.71E-01	0.245339	0.017365	3.29E-05	0.002529	0.265265
1676	495211.06	3858851.99	2.1911	3.80924	2.58391	1.76266	1.99E-01	0.01612	4.8E-05	0.00408	0.21881	2.51E-01	0.02034	4.11E-05	0.002383	2.73E-01	0.247046	0.017493	3.35E-05	0.002531	0.267104
1677	495261.06	3858851.99	2.17327	3.79081	2.60048	1.76159	1.97E-01	0.01604	4.9E-05	0.00408	0.21711	2.49E-01	0.020241	4.13E-05	0.002382	2.71E-01	0.245035	0.017409	3.38E-05	0.00253	0.265008
1678	495311.06	3858851.99	2.17094	3.8059	2.63994	2.02093	1.97E-01	0.0161	4.9E-05	0.00468	0.21757	2.48E-01	0.020322	4.2E-05	0.002733	2.71E-01	0.244773	0.017478	3.43E-05	0.002902	0.265187
1679	495361.06	3858851.99	2.15282	3.79285	2.6611	2.01987	1.95E-01	0.01605	5E-05	0.00468	0.21587	2.46E-01	0.020252	4.23E-05	0.002731	2.69E-01	0.24273	0.017418	3.45E-05	0.002901	0.263083
1680	495411.06	3858851.99	2.13968	3.77844	2.68095	2.01825	1.94E-01	0.01598	5E-05	0.00467	0.21461	2.45E-01	0.020175	4.26E-05	0.002729	2.68E-01	0.241248	0.017352	3.48E-05	0.002898	0.261533
1681	495461.06	3858851.99	2.13664	3.779	2.70707	2.01679	1.94E-01	0.01599	5.1E-05	0.00467	0.21434	2.44E-01	0.020178	4.3E-05	0.002727	2.67E-01	0.240905	0.017355	3.51E-05	0.002896	0.261191
1682	495511.06	3858851.99	2.10926	3.73236	2.70365	2.01199	1.91E-01	0.01579	5.1E-05	0.00466	0.21165	2.41E-01	0.019929	4.3E-05	0.00272	2.64E-01	0.237818	0.01714	3.51E-05	0.002889	0.257883
1683	495561.06	3858851.99	2.04043	3.62145	2.64192	1.74445	1.85E-01	0.01532	4.9E-05	0.00404	0.20432	2.33E-01	0.019337	4.2E-05	0.002359	2.55E-01	0.230058	0.016631	3.43E-05	0.002505	0.249228
1684	495611.06	3858851.99	1.9815	3.51666	2.59734	1.73863	1.80E-01	0.01488	4.9E-05	0.00403	0.19852	2.27E-01	0.018777	4.13E-05	0.002351	2.48E-01	0.223413	0.01615	3.37E-05	0.002497	0.242094
1685	495661.06	3858851.99	1.97448	3.48271	2.62199	1.73739	1.79E-01	0.01473	4.9E-05	0.00402	0.19774	2.26E-01	0.018596	4.17E-05	0.002349	2.47E-01	0.222622	0.015994	3.4E-05	0.002495	0.241145
1686	494311.06	3858901.99	3.55564	5.71351	4.67279	2.49491	3.22E-01	0.02417	8.7E-05	0.00578	0.35226	4.07E-01	0.030507	7.43E-05	0.003373	4.41E-01	0.400897	0.026239	6.07E-05	0.003583	0.430779
1687	494361.06	3858901.99	3.78993	6.14015	4.9622	2.53081	3.43E-01	0.02598	9.3E-05	0.00586	0.37538	4.33E-01	0.032785	7.89E-05	0.003422	4.70E-01	0.427313	0.028198	6.44E-05	0.003634	0.45921
1688	494411.06	3858901.99	3.82221	6.18816	4.97355	2.5438	3.46E-01	0.02618	9.3E-05	0.00589	0.37854	4.37E-01	0.033042	7.9E-05	0.003439	4.74E-01	0.430953	0.028418	6.46E-05	0.003653	0.463089
1689	494461.06	3858901.99	3.88016	6.29336	4.99067	2.56231	3.52E-01	0.02662	9.3E-05	0.00593	0.38428	4.44E-01	0.033604	7.93E-05	0.003465	4.81E-01	0.437487	0.028901	6.48E-05	0.00368	0.470133
1690	494511.06	3858901.99	3.88805	6.26506	4.98158	2.5685	3.52E-01	0.0265	9.3E-05	0.00595	0.38489	4.45E-01	0.033452	7.92E-05	0.003473	4.82E-01	0.438376	0.028771	6.47E-05	0.003689	0.470901
1691	494561.06	3858901.99	3.80845	6.0716	4.86084	2.55765	3.45E-01	0.02569	9.1E-05	0.00592	0.37683	4.36E-01	0.032419	7.73E-05	0.003458	4.72E-01	0.429401	0.027883	6.31E-05	0.003673	0.46102
1692	494611.06	3858901.99	3.6461	5.73024	4.6267	2.54024	3.30E-01	0.02424	8.7E-05	0.00588	0.36063	4.17E-01	0.030597	7.35E-05	0.003435	4.51E-01	0.411097	0.026315	6.01E-05	0.003648	0.44112
1693	494661.06	3858901.99	3.56773	5.59889	4.5075	2.53673	3.23E-01	0.02369	8.4E-05	0.00588	0.35296	4.08E-01	0.029895	7.16E-05	0.00343	4.41E-01	0.40226	0.025712	5.85E-05	0.003643	0.431674
1694	494711.06	3858901.99	3.41643	5.3666	4.28953	2.52397	3.10E-01	0.0227	8E-05	0.00585	0.33823	3.91E-01	0.028655	6.82E-05	0.003413	4.23E-01	0.385201	0.024645	5.57E-05	0.003625	0.413527
1695	494761.06	3858901.99	3.23061	5.07947	4.02644	2.51237	2.93E-01	0.02149	7.5E-05	0.00582	0.32015	3.70E-01	0.027122	6.4E-05	0.003397	4.00E-01	0.36425	0.023327	5.23E-05	0.003608	0.391237
1696	494811.06	3858901.99	3.13033	4.92893	3.87917	2.05461	2.84E-01	0.02085	7.3E-05	0.00476	0.30936	3.58E-01	0.026318	6.17E-05	0.002778	3.87E-01	0.352944	0.022635	5.04E-05	0.002951	0.37858
1697	494861.06	3858901.99	3.05839	4.88273	3.77006	2.05363	2.77E-01	0.02066	7.1E-05	0.00476	0.30264	3.50E-01	0.026071	5.99E-05	0.002777	3.79E-01	0.344832	0.022423	4.89E-05	0.002949	0.370254
1698	494911.06	3858901.99	2.87345	4.69168	3.51226	2.04434	2.60E-01	0.01985	6.6E-05	0.00474	0.28505	3.29E-01	0.025051	5.58E-05	0.002764	3.57E-01	0.323981	0.021546	4.56E-05	0.002936	0.348508
1699	494961.06	3858901.99	2.78097	4.60541	3.37766	2.04128	2.52E-01	0.01948	6.3E-05	0.00473	0.27629	3.18E-01	0.024591	5.37E-05	0.00276	3.45E-01	0.313553	0.02115	4.38E-05	0.002931	0.337678
1700	495011.06	3858901.99	2.68927	4.50707	3.24484	2.03814	2.44E-01	0.01907	6.1E-05	0.00472	0.26756	3.08E-01	0.024066	5.16E-05	0.002756	3.34E-01	0.303214	0.020698	4.21E-05	0.002927	0.326881
1701	495061.06	3858901.99	2.54847	4.33133	3.04957	2.03196	2.31E-01	0.01832	5.7E-05	0.00471	0.25403	2.91E-01	0.023127	4.85E-05	0.002747	3.17E-01	0.287339	0.019891	3.96E-05	0.002918	0.310188
1702	495111.06	3858901.99	2.35687	4.07354	2.7741	2.02122	2.14E-01	0.01723	5.2E-05	0.00468	0.23555	2.70E-01	0.021751	4.41E-05	0.002733	2.94E-01	0.265736	0.018707	3.6E-05	0.002903	0.287382
1703	495161.06	3858901.99	2.31714	3.99797	2.69228	2.0202	2.10E-01	0.01691	5E-05	0.00468	0.23163	2.65E-01	0.021347	4.28E-05	0.002732	2.89E-01	0.261257	0.01836	3.49E-05	0.002901	0.282553
1704	495211.06	3858901.99	2.36451	4.04832	2.73449	2.02556	2.14E-01	0.01713	5.1E-05	0.00469	0.23615	2.70E-01	0.021616	4.35E-05	0.002739	2.95E-01	0.266598	0.018591	3.55E-05	0.002909	0.288133

1705	495261.06	3858901.99	2.36298	4.04409	2.73971	2.02698		2.14E-01	0.01711	5.1E-05	0.00469	0.23599		2.70E-01	0.021594	4.35E-05	0.002741	2.95E-01		0.266425	0.018572	3.56E-05	0.002911	0.287944
1706	495311.06	3858901.99	2.34483	4.04279	2.7496	2.02683		2.12E-01	0.0171	5.1E-05	0.00469	0.23434		2.68E-01	0.021587	4.37E-05	0.00274	2.93E-01		0.264379	0.018566	3.57E-05	0.002911	0.285891
1707	495361.06	3858901.99	2.32794	4.04045	2.77147	2.02681		2.11E-01	0.01709	5.2E-05	0.00469	0.2328		2.66E-01	0.021574	4.4E-05	0.00274	2.91E-01		0.262474	0.018555	3.6E-05	0.002911	0.283976
1708	495411.06	3858901.99	2.33136	4.06751	2.82656	2.02846		2.11E-01	0.01721	5.3E-05	0.0047	0.23323		2.67E-01	0.021719	4.49E-05	0.002743	2.91E-01		0.26286	0.01868	3.67E-05	0.002913	0.284489
1709	495461.06	3858901.99	2.2955	4.02369	2.82565	2.02625		2.08E-01	0.01702	5.3E-05	0.00469	0.22979		2.63E-01	0.021485	4.49E-05	0.00274	2.87E-01		0.258817	0.018478	3.67E-05	0.00291	0.280242
1710	495511.06	3858901.99	2.24686	3.93598	2.79257	2.02209		2.04E-01	0.01665	5.2E-05	0.00468	0.225		2.57E-01	0.021016	4.44E-05	0.002734	2.81E-01		0.253333	0.018075	3.62E-05	0.002904	0.274348
1711	495561.06	3858901.99	2.21237	3.88942	2.77534	2.01839		2.00E-01	0.01645	5.2E-05	0.00467	0.22167		2.53E-01	0.020768	4.41E-05	0.002729	2.77E-01		0.249444	0.017862	3.6E-05	0.002899	0.27024
1712	495611.06	3858901.99	2.15591	3.81568	2.73122	2.0133		1.95E-01	0.01614	5.1E-05	0.00466	0.21623		2.47E-01	0.020374	4.34E-05	0.002722	2.70E-01		0.243078	0.017523	3.55E-05	0.002891	0.263528
1713	495661.06	3858901.99	2.15544	3.81318	2.76765	2.0118		1.95E-01	0.01613	5.2E-05	0.00466	0.21617		2.47E-01	0.020361	4.4E-05	0.00272	2.70E-01		0.243025	0.017512	3.59E-05	0.002889	0.263462
1714	494311.06	3858951.99	4.03932	6.76903	5.37778	2.52587		3.66E-01	0.02864	0.0001	0.00585	0.40064		4.62E-01	0.036143	8.55E-05	0.003415	5.02E-01		0.455432	0.031086	6.98E-05	0.003627	0.490215
1715	494361.06	3858951.99	4.13153	6.98567	5.48167	2.55588		3.74E-01	0.02955	0.0001	0.00592	0.40998		4.73E-01	0.0373	8.71E-05	0.003456	5.13E-01		0.465829	0.032081	7.12E-05	0.00367	0.501651
1716	494411.06	3858951.99	4.07558	6.83179	5.38528	2.55526		3.69E-01	0.0289	0.0001	0.00592	0.40426		4.66E-01	0.036478	8.56E-05	0.003455	5.06E-01		0.45952	0.031374	6.99E-05	0.003669	0.494634
1717	494461.06	3858951.99	4.12546	6.97917	5.39411	2.57988		3.74E-01	0.02953	0.0001	0.00598	0.40946		4.72E-01	0.037265	8.57E-05	0.003488	5.13E-01		0.465144	0.032051	7E-05	0.003705	0.50097
1718	494511.06	3858951.99	4.09572	6.87799	5.32318	2.58153		3.71E-01	0.0291	1E-04	0.00598	0.40634		4.68E-01	0.036725	8.46E-05	0.003491	5.09E-01		0.461791	0.031586	6.91E-05	0.003707	0.497154
1719	494561.06	3858951.99	4.01872	6.6538	5.19721	2.57232		3.64E-01	0.02815	9.7E-05	0.00596	0.39839		4.60E-01	0.035528	8.26E-05	0.003478	4.99E-01		0.453109	0.030557	6.75E-05	0.003694	0.487427
1720	494611.06	3858951.99	3.88841	6.30362	4.99882	2.55228		3.52E-01	0.02667	9.4E-05	0.00591	0.38505		4.45E-01	0.033658	7.94E-05	0.003451	4.82E-01		0.438417	0.028949	6.49E-05	0.003665	0.471096
1721	494661.06	3858951.99	3.76867	6.06296	4.82268	2.53546		3.42E-01	0.02565	9E-05	0.00587	0.37314		4.31E-01	0.032373	7.66E-05	0.003428	4.67E-01		0.424916	0.027843	6.26E-05	0.003641	0.456463
1722	494711.06	3858951.99	3.58328	5.70621	4.55845	2.512		3.25E-01	0.02414	8.5E-05	0.00582	0.35477		4.10E-01	0.030468	7.24E-05	0.003396	4.44E-01		0.404014	0.026205	5.92E-05	0.003607	0.433885
1723	494761.06	3858951.99	3.45328	5.44663	4.37037	2.50318		3.13E-01	0.02304	8.2E-05	0.0058	0.34187		3.95E-01	0.029082	6.95E-05	0.003385	4.28E-01		0.389356	0.025013	5.67E-05	0.003595	0.418021
1724	494811.06	3858951.99	3.37069	5.32622	4.24677	2.49968		3.05E-01	0.02253	8E-05	0.00579	0.33386		3.86E-01	0.028439	6.75E-05	0.00338	4.17E-01		0.380044	0.02446	5.51E-05	0.00359	0.408149
1725	494861.06	3858951.99	3.28648	5.2021	4.12109	2.49643		2.98E-01	0.02201	7.7E-05	0.00578	0.32569		3.76E-01	0.027777	6.55E-05	0.003375	4.07E-01		0.370549	0.02389	5.35E-05	0.003585	0.398078
1726	494911.06	3858951.99	3.14996	4.99795	3.92556	2.04195		2.85E-01	0.02114	7.3E-05	0.00473	0.3114		3.60E-01	0.026687	6.24E-05	0.002761	3.90E-01		0.355157	0.022952	5.1E-05	0.002932	0.381093
1727	494961.06	3858951.99	3.09026	4.89715	3.83328	2.04189		2.80E-01	0.02072	7.2E-05	0.00473	0.30556		3.53E-01	0.026148	6.09E-05	0.002761	3.82E-01		0.348426	0.02249	4.98E-05	0.002932	0.373897
1728	495011.06	3858951.99	2.86352	4.61357	3.51996	2.03016		2.59E-01	0.01952	6.6E-05	0.0047	0.28378		3.28E-01	0.024634	5.59E-05	0.002745	3.55E-01		0.322861	0.021187	4.57E-05	0.002915	0.347009
1729	495061.06	3858951.99	2.65036	4.3905	3.2279	2.01968		2.40E-01	0.01857	6E-05	0.00468	0.26349		3.03E-01	0.023443	5.13E-05	0.002731	3.29E-01		0.298827	0.020163	4.19E-05	0.0029	0.321932
1730	495111.06	3858951.99	2.49328	4.23837	3.0116	2.0132		2.26E-01	0.01793	5.6E-05	0.00466	0.2486		2.85E-01	0.022631	4.79E-05	0.002722	3.11E-01		0.281116	0.019464	3.91E-05	0.002891	0.303511
1731	495161.06	3858951.99	2.58254	4.32513	3.11484	2.0222		2.34E-01	0.0183	5.8E-05	0.00468	0.25707		2.95E-01	0.023094	4.95E-05	0.002734	3.21E-01		0.291181	0.019863	4.04E-05	0.002904	0.313988
1732	495211.06	3858951.99	2.58229	4.33677	3.10191	2.02546		2.34E-01	0.01835	5.8E-05	0.00469	0.25711		2.95E-01	0.023156	4.93E-05	0.002739	3.21E-01		0.291152	0.019916	4.03E-05	0.002909	0.314017
1733	495261.06	3858951.99	2.57891	4.33721	3.0806	2.02842		2.34E-01	0.01835	5.8E-05	0.0047	0.25681		2.95E-01	0.023159	4.9E-05	0.002743	3.21E-01		0.290771	0.019918	4E-05	0.002913	0.313642
1734	495311.06	3858951.99	2.50989	4.2337	2.96849	2.0262		2.27E-01	0.01791	5.6E-05	0.00469	0.25011		2.87E-01	0.022606	4.72E-05	0.00274	3.12E-01		0.282989	0.019443	3.85E-05	0.00291	0.30538
1735	495361.06	3858951.99	2.51611	4.24108	2.97549	2.02893		2.28E-01	0.01794	5.6E-05	0.0047	0.25071		2.88E-01	0.022645	4.73E-05	0.002743	3.13E-01		0.283691	0.019477	3.86E-05	0.002914	0.306119
1736	495411.06	3858951.99	2.53084	4.28338	3.01229	2.03188		2.29E-01	0.01812	5.6E-05	0.00471	0.25223		2.89E-01	0.022871	4.79E-05	0.002747	3.15E-01		0.285351	0.019671	3.91E-05	0.002918	0.307979
1737	495461.06	3858951.99	2.49911	4.28177	2.99726	2.03203		2.26E-01	0.01811	5.6E-05	0.00471	0.24935		2.86E-01	0.022863	4.76E-05	0.002748	3.12E-01		0.281774	0.019663	3.89E-05	0.002918	0.304394
1738	495511.06	3858951.99	2.488	4.30511	3.01602	2.03337		2.25E-01	0.01821	5.6E-05	0.00471	0.24845		2.85E-01	0.022987	4.79E-05	0.002749	3.10E-01		0.280521	0.019771	3.91E-05	0.00292	0.303251
1739	495561.06	3858951.99	2.38104	4.17118	2.90531	2.02695		2.16E-01	0.01765	5.4E-05	0.00469	0.23817		2.72E-01	0.022272	4.62E-05	0.002741	2.97E-01		0.268461	0.019156	3.77E-05	0.002911	0.290566
1740	495611.06	3858951.99	2.33344	4.0947	2.87307	2.02316		2.11E-01	0.01732	5.4E-05	0.00469	0.23352		2.67E-01	0.021864	4.57E-05	0.002736	2.92E-01		0.263095	0.018804	3.73E-05	0.002905	0.284842
1741	495661.06	3858951.99	2.33952	4.09548	2.91602	2.02364		2.12E-01	0.01733	5.5E-05	0.00469	0.23408		2.68E-01	0.021868	4.63E-05	0.002736	2.92E-01		0.26378	0.018808	3.79E-05	0.002906	0.285532
1742	494311.06	3859001.99	4.3997	7.66997	5.92553	2.63502		3.99E-01	0.03245	0.00011	0.0061	0.43737		5.03E-01	0.040954	9.42E-05	0.003563	5.48E-01		0.496065	0.035223	7.69E-05	0.003784	0.535149
1743	494361.06	3859001.99	4.40118	7.62261	5.90598	2.64578		3.99E-01	0.03225	0.00011	0.00613	0.43733		5.03E-01	0.040701	9.39E-05	0.003577	5.48E-01		0.496232	0.035006	7.67E-05	0.003799	0.535114
1744	494411.06	3859001.99	4.40762	7.65202	5.8641	2.66569		3.99E-01	0.03237	0.00011	0.00617	0.43808		5.04E-01	0.040858	9.32E-05	0.003604	5.49E-01		0.496958	0.035141	7.61E-05	0.003828	0.536003
1745	494461.06	3859001.99	4.37447	7.60741	5.79619	2.65401		3.96E-01	0.03218	0.00011	0.00615	0.43486		5.00E-01	0.04062	9.21E-05	0.003589	5.45E-01		0.49322	0.034936	7.52E-05	0.003811	0.532043
1746	494511.06	3859001.99	4.33729	7.54002	5.72202	2.63971		3.93E-01	0.0319	0.00011	0.00611	0.43117		4.96E-01	0.04026	9.09E-05	0.003569	5.40E-01		0.489028	0.034627	7.43E-05	0.003791	0.52752
1747	494561.06	3859001.99	4.20961	7.23445	5.52755	2.57891		3.81E-01	0.03061	0.0001	0.00597	0.41817		4.81E-01	0.038628	8.79E-05	0.003487	5.24E-01		0.474632	0.033223	7.17E-05	0.003703	0.511631
1748	494611.06	3859001.99	4.09728	6.9386	5.3451	2.56035		3.71E-01	0.02935	0.0001	0.00593	0.40669		4.69E-01	0.037049	8.5E-05	0.003462	5.09E-01		0.461967	0.031865	6.94E-05	0.003677	0.497578
1749	494661.06	3859001.99	3.95029	6.5509	5.12411	2.53827		3.58E-01	0.02771	9.6E-05	0.00588	0.39167		4.52E-01	0.034979	8.14E-05	0.003432	4.90E-01		0.445394	0.030084	6.65E-05	0.003645	0.47919
1750	494711.06	3859001.99	3.769	6.10495	4.85985	2.5105		3.42E-01	0.02583	9.1E-05	0.00581	0.37329		4.31E-01	0.032598	7.72E-05	0.003394	4.67E-01		0.424953	0.028036	6.31E-05	0.003605	0.456658
1751	494761.06	3859001.99	3.66989	5.87803	4.70465	2.49924		3.33E-01	0.02487	8.8E-05	0.00579	0.36332		4.20E-01	0.031386	7.48E-05	0.003379	4.55E-01		0.413779	0.026994	6.11E-05	0.003589	0.444423
1752	494811.06	3859001.99	3.62102	5.78707	4.62537	2.49662		3.28E-01	0.02448	8.7E-05	0.00578	0.3585		4.14E-01	0.0309	7.35E-05	0.003376	4.49E-01		0.408269	0.026576	6E-05	0.003585	0.43849
1753	494861.06	3859001.99	3.50801	5.57735	4.46107	2.48675		3.18E-01	0.0236	8.4E-05	0.00576	0.34734		4.01E-01	0.02978	7.09E-05	0.003362	4.34E-01		0.395527	0.025613	5.79E-05	0.003571	0.424769
1754	494911.06	3859001.99	3.38455	5.34666	4.28279	2.47934		3.07E-01	0.02262	8E-05	0.00574	0.33516		3.87E-01	0.028549	6.81E-05	0.003352	4.19E-01		0.381607	0.024554	5.56E-05	0.00356	0.409777
1755	494961.06	3859001.99	3.25709	5.1518	4.09956	3.96571		2.95E-01	0.02179	7.7E-05	0.00919	0.32622		3.73E-01	0.027508	6.52E-05	0.005362	4.05E-01		0.367236	0.023659	5.32E-05	0.005695	0.396643
1756	495011.06	3859001.99	2.87137	4.62189	3.5728	2.00712		2.60E-01	0.01955	6.7E-05	0.00465	0.28448		3.28E-01	0.024679	5.68E-05	0.002714	3.56E-01		0.323746	0.021225	4.64E-05	0.002882	0.3479
1757	495061.06	3859001.99	2.8168	4.54566	3.48916	2.00792		2.55E-01	0.01923	6.5E-05	0.00465	0.27921		3.22E-01	0.024272	5.55E-05	0.002715	3.49E-01		0.317593	0.020875	4.53E-05	0.002883	0.341397
1758	495111.06	3859001.99	2.66949	4.35275	3.28363	2.00257		2.42E-01	0.01841	6.1E-05	0.00464	0.26503		3.05E-01	0.023242	5.22E-05	0.002708	3.31E-01		0.300984	0.019989	4.26E-05	0.002876	0.323892
1759	495161.06	3859001.99	2.81884	4.53392	3.46844	2.01641		2.55E-01	0.01918	6.5E-05	0.00467	0.27937		3.22E-01	0.024209	5.51E-05	0.002726	3.49E-01		0.317823	0.020821	4.5E-05	0.002896	0.341585
1760	495211.06	3859001.99	2.79881	4.53357	3.43002	2.01908		2.54E-01	0.01918	6.4E-05	0.00468	0.27755		3.20E-01	0.024207	5.45E-05	0.00273	3.47E-01		0.315565	0.02082	4.45E-05	0.0029	0.339329
1761	495261.06	3859001.99	2.80704	4.56124	3.42859	2.02388		2.54E-01	0.0193	6.4E-05	0.00469	0.27843		3.21E-01	0.024355	5.45E-05	0.002737	3.48E-01		0.316493	0.020947	4.45E-05	0.002906	0.340391
1762	495311.06	3859001.99	2.77205	4.52535	3.37028	2.02559		2.51E-01	0.01914	6.3E-05	0.00469	0.27511		3.17E-01	0.024163	5.36E-05	0.002739	3.44E-01		0.312548	0.020782	4.37E-05	0.002909	0.336282
1763	495361.06	3859001.99	2.76858	4.53618	3.35479	2.02918		2.51E-01	0.01919	6.3E-05	0.0047	0.27485		3.17E-01	0.024221	5.33E-05	0.002744	3.44E-01		0.312156	0.020832	4.35E-05	0.002914	0.335946
1764	495411.06	3859001.99	2.75418	4.52121	3.32413	2.03138		2.50E-01	0.01913	6.2E-05	0.00471	0.27348		3.15E-01	0.024141	5.28E-05	0.002747	3.42E-01		0.310533	0.020763	4.31E-05	0.002917	0.334256
1765	495461.06	3859001.99	2.74487	4.50544	3.31464	2.03415		2.49E-01	0.01906	6.2E-05	0.00471	0.27258		3.14E-01	0.024057	5.27E-05	0.00275	3.41E-01		0.309483	0.020691	4.3E-05	0.002921	0.333138

1766	495511.06	3859001.99	2.65928	4.3991	3.19606	2.03097	2.41E-01	0.01861	6E-05	0.0047	0.26436	3.04E-01	0.023489	5.08E-05	0.002746	3.30E-01	0.299833	0.020202	4.15E-05	0.002917	0.322993
1767	495561.06	3859001.99	2.60987	4.3688	3.13453	2.03	2.37E-01	0.01848	5.9E-05	0.0047	0.25975	2.99E-01	0.023327	4.98E-05	0.002745	3.25E-01	0.294262	0.020063	4.07E-05	0.002915	0.317281
1768	495611.06	3859001.99	2.55162	4.33715	3.08351	2.02826	2.31E-01	0.01835	5.8E-05	0.0047	0.25434	2.92E-01	0.023158	4.9E-05	0.002742	3.18E-01	0.287694	0.019918	4E-05	0.002913	0.310565
1769	495661.06	3859001.99	2.58598	4.42259	3.17259	2.03327	2.34E-01	0.01871	5.9E-05	0.00471	0.25783	2.96E-01	0.023615	5.04E-05	0.002749	3.22E-01	0.291568	0.02031	4.12E-05	0.00292	0.31484
1770	494311.06	3859051.99	4.68782	8.4434	6.37459	2.8392	4.25E-01	0.03572	0.00012	0.00658	0.46724	5.36E-01	0.045084	0.000101	0.003839	5.85E-01	0.52855	0.038775	8.27E-05	0.004077	0.571485
1771	494361.06	3859051.99	4.71333	8.56459	6.3624	2.90238	4.27E-01	0.03623	0.00012	0.00672	0.47021	5.39E-01	0.045731	0.000101	0.003924	5.89E-01	0.531426	0.039332	8.26E-05	0.004168	0.575009
1772	494411.06	3859051.99	4.6595	8.42515	6.26772	2.86133	4.22E-01	0.03564	0.00012	0.00663	0.46464	5.33E-01	0.044986	9.96E-05	0.003869	5.82E-01	0.525357	0.038691	8.14E-05	0.004109	0.568239
1773	494461.06	3859051.99	4.58928	8.2278	6.15072	2.80747	4.16E-01	0.03481	0.00012	0.0065	0.45732	5.25E-01	0.043933	9.78E-05	0.003796	5.73E-01	0.51744	0.037785	7.98E-05	0.004032	0.559336
1774	494511.06	3859051.99	4.49112	7.94374	5.99616	2.72714	4.07E-01	0.03361	0.00011	0.00632	0.44703	5.14E-01	0.042416	9.53E-05	0.003687	5.60E-01	0.506372	0.036481	7.78E-05	0.003916	0.546847
1775	494561.06	3859051.99	4.40909	7.688	5.86324	2.67426	4.00E-01	0.03252	0.00011	0.00619	0.43839	5.04E-01	0.04105	9.32E-05	0.003616	5.49E-01	0.497123	0.035306	7.61E-05	0.00384	0.536346
1776	494611.06	3859051.99	4.28797	7.36439	5.67838	2.60965	3.89E-01	0.03116	0.00011	0.00604	0.42589	4.90E-01	0.039322	9.02E-05	0.003529	5.33E-01	0.483467	0.03382	7.37E-05	0.003748	0.521108
1777	494661.06	3859051.99	4.15239	7.06108	5.47488	2.5437	3.76E-01	0.02987	0.0001	0.00589	0.41216	4.75E-01	0.037703	8.7E-05	0.003439	5.16E-01	0.468181	0.032427	7.11E-05	0.003653	0.504332
1778	494711.06	3859051.99	4.02513	6.78597	5.28259	2.51959	3.65E-01	0.02871	9.9E-05	0.00584	0.39941	4.60E-01	0.036234	8.4E-05	0.003407	5.00E-01	0.453832	0.031164	6.86E-05	0.003618	0.488683
1779	494761.06	3859051.99	3.89613	6.48048	5.08043	2.50278	3.53E-01	0.02742	9.5E-05	0.0058	0.38638	4.46E-01	0.034603	8.07E-05	0.003384	4.84E-01	0.439287	0.029761	6.59E-05	0.003594	0.472708
1780	494811.06	3859051.99	3.81231	6.26511	4.93539	2.4954	3.45E-01	0.0265	9.2E-05	0.00578	0.37786	4.36E-01	0.033453	7.84E-05	0.003374	4.73E-01	0.429837	0.028772	6.41E-05	0.003584	0.462256
1781	494861.06	3859051.99	3.72461	6.03016	4.79707	2.48661	3.38E-01	0.02551	9E-05	0.00576	0.36889	4.26E-01	0.032198	7.62E-05	0.003362	4.62E-01	0.419949	0.027693	6.23E-05	0.003571	0.451274
1782	494911.06	3859051.99	3.57064	5.6478	4.57027	2.46618	3.24E-01	0.02389	8.6E-05	0.00571	0.35327	4.08E-01	0.030157	7.26E-05	0.003335	4.42E-01	0.402588	0.025937	5.93E-05	0.003542	0.432126
1783	494961.06	3859051.99	3.32386	5.24109	4.22609	2.43851	3.01E-01	0.02217	7.9E-05	0.00565	0.32911	3.80E-01	0.027985	6.72E-05	0.003297	4.12E-01	0.374764	0.024069	5.49E-05	0.003502	0.40239
1784	495011.06	3859051.99	3.14646	4.94888	3.97725	1.99693	2.85E-01	0.02094	7.4E-05	0.00463	0.31077	3.60E-01	0.026425	6.32E-05	0.0027	3.89E-01	0.354762	0.022727	5.16E-05	0.002868	0.380409
1785	495061.06	3859051.99	3.03749	4.78805	3.82101	1.99517	2.75E-01	0.02026	7.2E-05	0.00462	0.30021	3.47E-01	0.025566	6.07E-05	0.002698	3.76E-01	0.342476	0.021989	4.96E-05	0.002865	0.367379
1786	495111.06	3859051.99	2.99206	4.74838	3.74984	1.99723	2.71E-01	0.02009	7E-05	0.00463	0.29593	3.42E-01	0.025354	5.96E-05	0.0027	3.70E-01	0.337354	0.021806	4.87E-05	0.002868	0.362077
1787	495161.06	3859051.99	3.07727	4.88379	3.85304	2.00819	2.79E-01	0.02066	7.2E-05	0.00465	0.30425	3.52E-01	0.026077	6.12E-05	0.002715	3.81E-01	0.346961	0.022428	5E-05	0.002884	0.372323
1788	495211.06	3859051.99	3.01245	4.80491	3.75541	2.00864	2.73E-01	0.02033	7E-05	0.00465	0.29804	3.45E-01	0.025656	5.97E-05	0.002716	3.73E-01	0.339653	0.022066	4.87E-05	0.002885	0.364652
1789	495261.06	3859051.99	3.05355	4.86976	3.79906	2.01637	2.77E-01	0.0206	7.1E-05	0.00467	0.30206	3.49E-01	0.026002	6.04E-05	0.002726	3.78E-01	0.344287	0.022364	4.93E-05	0.002896	0.369595
1790	495311.06	3859051.99	3.01207	4.81179	3.73221	2.01855	2.73E-01	0.02036	7E-05	0.00468	0.29806	3.45E-01	0.025693	5.93E-05	0.002729	3.73E-01	0.33961	0.022098	4.84E-05	0.002899	0.364655
1791	495361.06	3859051.99	2.99939	4.79165	3.70362	2.02256	2.72E-01	0.02027	6.9E-05	0.00468	0.29684	3.43E-01	0.025585	5.89E-05	0.002735	3.71E-01	0.33818	0.022005	4.81E-05	0.002905	0.363138
1792	495411.06	3859051.99	3.00412	4.79727	3.70048	2.02792	2.72E-01	0.02029	6.9E-05	0.0047	0.2973	3.44E-01	0.025615	5.88E-05	0.002742	3.72E-01	0.338714	0.022031	4.8E-05	0.002912	0.363705
1793	495461.06	3859051.99	3.00119	4.80394	3.69845	2.03266	2.72E-01	0.02032	6.9E-05	0.00471	0.29707	3.43E-01	0.025651	5.88E-05	0.002748	3.72E-01	0.338383	0.022061	4.8E-05	0.002919	0.363412
1794	495511.06	3859051.99	2.91148	4.68545	3.56471	2.03004	2.64E-01	0.01982	6.7E-05	0.0047	0.28843	3.33E-01	0.025018	5.67E-05	0.002745	3.61E-01	0.328268	0.021517	4.63E-05	0.002915	0.352747
1795	495561.06	3859051.99	2.8463	4.58598	3.47144	2.02885	2.58E-01	0.0194	6.5E-05	0.0047	0.2821	3.26E-01	0.024487	5.52E-05	0.002743	3.53E-01	0.320919	0.021061	4.51E-05	0.002914	0.344938
1796	495611.06	3859051.99	2.7884	4.50913	3.39285	2.02821	2.53E-01	0.01908	6.4E-05	0.0047	0.27653	3.19E-01	0.024077	5.39E-05	0.002742	3.46E-01	0.314391	0.020708	4.4E-05	0.002913	0.338055
1797	495661.06	3859051.99	2.81418	4.56995	3.44062	2.03415	2.55E-01	0.01933	6.4E-05	0.00471	0.27914	3.22E-01	0.024401	5.47E-05	0.00275	3.49E-01	0.317298	0.020987	4.47E-05	0.002921	0.341251
1798	494311.06	3859101.99	4.96446	8.86658	6.78757	3.14776	4.50E-01	0.03751	0.00013	0.00729	0.49482	5.68E-01	0.047343	0.000108	0.004256	6.20E-01	0.559741	0.040719	8.81E-05	0.00452	0.605068
1799	494361.06	3859101.99	4.92291	8.85812	6.70962	3.12239	4.46E-01	0.03747	0.00013	0.00723	0.49096	5.63E-01	0.047298	0.000107	0.004222	6.15E-01	0.555056	0.04068	8.71E-05	0.004484	0.600307
1800	494411.06	3859101.99	4.89238	8.85874	6.64669	3.11017	4.43E-01	0.03748	0.00012	0.0072	0.48816	5.60E-01	0.047301	0.000106	0.004205	6.11E-01	0.551614	0.040683	8.63E-05	0.004466	0.596849
1801	494461.06	3859101.99	4.82115	8.74027	6.52831	3.0456	4.37E-01	0.03698	0.00012	0.00705	0.48105	5.51E-01	0.046669	0.000104	0.004118	6.02E-01	0.543583	0.040139	8.47E-05	0.004374	0.58818
1802	494511.06	3859101.99	4.70606	8.49121	6.35046	2.93022	4.26E-01	0.03592	0.00012	0.00679	0.4693	5.38E-01	0.045339	0.000101	0.003962	5.88E-01	0.530607	0.038995	8.24E-05	0.004208	0.573892
1803	494561.06	3859101.99	4.61685	8.28857	6.20788	2.84926	4.18E-01	0.03506	0.00012	0.0066	0.46017	5.28E-01	0.044257	9.87E-05	0.003853	5.76E-01	0.520548	0.038064	8.06E-05	0.004092	0.562785
1804	494611.06	3859101.99	4.46447	7.90649	5.98044	2.71181	4.05E-01	0.03345	0.00011	0.00628	0.44442	5.11E-01	0.042217	9.5E-05	0.003667	5.57E-01	0.503367	0.03631	7.76E-05	0.003894	0.543649
1805	494661.06	3859101.99	4.37317	7.6656	5.83564	2.64695	3.96E-01	0.03243	0.00011	0.00613	0.43498	5.00E-01	0.040931	9.27E-05	0.003579	5.45E-01	0.493073	0.035203	7.57E-05	0.003801	0.532154
1806	494711.06	3859101.99	4.18916	7.18332	5.56735	2.54719	3.80E-01	0.03039	0.0001	0.0059	0.41602	4.79E-01	0.038355	8.85E-05	0.003444	5.21E-01	0.472326	0.032988	7.23E-05	0.003658	0.509045
1807	494761.06	3859101.99	4.15366	7.06093	5.49742	2.53564	3.76E-01	0.02987	0.0001	0.00587	0.41226	4.75E-01	0.037702	8.74E-05	0.003428	5.16E-01	0.468324	0.032426	7.14E-05	0.003641	0.504463
1808	494811.06	3859101.99	4.03559	6.77896	5.31787	2.49858	3.66E-01	0.02868	1E-04	0.00579	0.40028	4.62E-01	0.036196	8.45E-05	0.003378	5.01E-01	0.455011	0.031132	6.9E-05	0.003588	0.4898
1809	494861.06	3859101.99	3.93499	6.55255	5.15656	2.4822	3.57E-01	0.02772	9.7E-05	0.00575	0.39016	4.50E-01	0.034987	8.2E-05	0.003356	4.89E-01	0.443669	0.030092	6.69E-05	0.003565	0.477392
1810	494911.06	3859101.99	3.77563	6.18796	4.91699	2.46066	3.42E-01	0.02618	9.2E-05	0.0057	0.37413	4.32E-01	0.033041	7.81E-05	0.003327	4.68E-01	0.425701	0.028417	6.38E-05	0.003534	0.457716
1811	494961.06	3859101.99	3.51315	5.6039	4.54673	2.42271	3.18E-01	0.02371	8.5E-05	0.00561	0.34777	4.02E-01	0.029922	7.23E-05	0.003276	4.35E-01	0.396106	0.025735	5.9E-05	0.003479	0.42538
1812	495011.06	3859101.99	3.23265	5.05624	4.15363	2.39332	2.93E-01	0.02139	7.8E-05	0.00554	0.31996	3.70E-01	0.026998	6.6E-05	0.003236	4.00E-01	0.36448	0.02322	5.39E-05	0.003437	0.391191
1813	495061.06	3859101.99	3.26331	5.10705	4.1587	2.40341	2.96E-01	0.02161	7.8E-05	0.00557	0.32298	3.73E-01	0.027269	6.61E-05	0.00325	4.04E-01	0.367937	0.023453	5.4E-05	0.003451	0.394896
1814	495111.06	3859101.99	3.20674	5.00742	4.07178	2.40452	2.91E-01	0.02118	7.6E-05	0.00557	0.31743	3.67E-01	0.026737	6.47E-05	0.003251	3.97E-01	0.361559	0.022996	5.29E-05	0.003453	0.388061
1815	495161.06	3859101.99	3.29248	5.14248	4.17824	2.42352	2.98E-01	0.02176	7.8E-05	0.00561	0.32582	3.77E-01	0.027458	6.64E-05	0.003277	4.07E-01	0.371226	0.023616	5.42E-05	0.00348	0.398377
1816	495211.06	3859101.99	3.24089	5.06615	4.09908	2.42643	2.94E-01	0.02143	7.7E-05	0.00562	0.32083	3.71E-01	0.027051	6.51E-05	0.003281	4.01E-01	0.365409	0.023266	5.32E-05	0.003484	0.392213
1817	495261.06	3859101.99	3.26401	5.11094	4.12053	2.4376	2.96E-01	0.02162	7.7E-05	0.00565	0.32314	3.73E-01	0.02729	6.55E-05	0.003296	4.04E-01	0.368016	0.023471	5.35E-05	0.003501	0.395041
1818	495311.06	3859101.99	3.25235	5.08182	4.09941	2.44089	2.95E-01	0.0215	7.7E-05	0.00565	0.32196	3.72E-01	0.027134	6.52E-05	0.0033	4.02E-01	0.366701	0.023338	5.32E-05	0.003505	0.393597
1819	495361.06	3859101.99	3.27376	5.15944	4.11341	2.4561	2.97E-01	0.02183	7.7E-05	0.00569	0.32427	3.74E-01	0.027549	6.54E-05	0.003321	4.05E-01	0.369115	0.023694	5.34E-05	0.003527	0.39639
1820	495411.06	3859101.99	3.2652	5.17134	4.09126	2.46314	2.96E-01	0.02188	7.7E-05	0.00571	0.32356	3.73E-01	0.027612	6.5E-05	0.00333	4.04E-01	0.36815	0.023749	5.31E-05	0.003537	0.395489
1821	495461.06	3859101.99	3.2034	5.07229	4.02949	2.46202	2.90E-01	0.02146	7.5E-05	0.0057	0.31754	3.66E-01	0.027084	6.4E-05	0.003329	3.97E-01	0.361182	0.023294	5.23E-05	0.003536	0.388064
1822	495511.06	3859101.99	3.17148	5.03811	3.98443	2.46587	2.87E-01	0.02131	7.5E-05	0.00571	0.31451	3.63E-01	0.026901	6.33E-05	0.003334	3.93E-01	0.357583	0.023137	5.17E-05	0.003541	0.384313
1823	495561.06	3859101.99	3.11121	4.97884	3.8716	2.46743	2.82E-01	0.02106	7.2E-05	0.00572	0.30879	3.56E-01	0.026585	6.15E-05	0.003336	3.86E-01	0.350788	0.022865	5.03E-05	0.003543	0.377246
1824	495611.06	3859101.99	3.03639	4.86482	3.76371	2.02482	2.75E-01	0.02058	7E-05	0.00469	0.30051	3.47E-01	0.025976	5.98E-05	0.002738	3.76E-01	0.342352	0.022341	4.89E-05	0.002908	0.36765
1825	495661.06	3859101.99	3.03591	4.84864	3.75903	2.47425	2.75E-01	0.02051	7E-05	0.00573	0.30143	3.47E-01	0.025889	5.97E-05	0.003345	3.77E-01	0.342298	0.022267	4.88E-05	0.003553	0.368167
1826	494311.06	3859151.99	5.16665	9.16511	7.11159	3.38014	4.68E-01	0.03877	0.00013	0.00783	0.51495	5.91E-01	0.048937	0.000113	0.00457	6.45E-01	0.582538	0.04209	9.23E-05	0.004854	0.629574

1827	494361.06	3859151.99	5.14077	9.0567	7.06557	3.38818	4.66E-01	0.03831	0.00013	0.00785	0.51216	5.88E-01	0.048358	0.000112	0.004581	6.41E-01	0.57962	0.041592	9.17E-05	0.004866	0.626169
1828	494411.06	3859151.99	5.06293	8.81412	6.94099	3.30715	4.59E-01	0.03729	0.00013	0.00766	0.50389	5.79E-01	0.047063	0.00011	0.004472	6.31E-01	0.570844	0.040478	9.01E-05	0.004749	0.616161
1829	494461.06	3859151.99	4.9812	8.72462	6.80836	3.22159	4.51E-01	0.03691	0.00013	0.00746	0.49591	5.70E-01	0.046585	0.000108	0.004356	6.21E-01	0.561629	0.040067	8.84E-05	0.004626	0.60641
1830	494511.06	3859151.99	4.86471	8.56002	6.62839	3.09357	4.41E-01	0.03621	0.00012	0.00717	0.48435	5.56E-01	0.045706	0.000105	0.004183	6.06E-01	0.548494	0.039311	8.6E-05	0.004443	0.592334
1831	494561.06	3859151.99	4.79933	8.4983	6.51816	3.03631	4.35E-01	0.03595	0.00012	0.00703	0.47803	5.49E-01	0.045377	0.000104	0.004105	5.99E-01	0.541123	0.039027	8.46E-05	0.00436	0.584595
1832	494611.06	3859151.99	4.67352	8.26817	6.32584	2.90799	4.24E-01	0.03498	0.00012	0.00674	0.46536	5.35E-01	0.044148	0.000101	0.003932	5.83E-01	0.526938	0.037971	8.21E-05	0.004176	0.569166
1833	494661.06	3859151.99	4.59646	8.13804	6.2	2.84084	4.17E-01	0.03443	0.00012	0.00658	0.45766	5.26E-01	0.043453	9.85E-05	0.003841	5.73E-01	0.518249	0.037373	8.05E-05	0.00408	0.559782
1834	494711.06	3859151.99	4.53123	8.02011	6.09019	2.7892	4.11E-01	0.03393	0.00011	0.00646	0.45113	5.18E-01	0.042824	9.68E-05	0.003771	5.65E-01	0.510895	0.036831	7.91E-05	0.004005	0.55181
1835	494761.06	3859151.99	4.37014	7.64323	5.85139	2.64441	3.96E-01	0.03233	0.00011	0.00612	0.4346	5.00E-01	0.040811	9.3E-05	0.003576	5.44E-01	0.492732	0.035101	7.6E-05	0.003798	0.531706
1836	494811.06	3859151.99	4.23319	7.31239	5.64586	2.56381	3.84E-01	0.03094	0.00011	0.00594	0.4206	4.84E-01	0.039045	8.97E-05	0.003467	5.27E-01	0.477291	0.033581	7.33E-05	0.003682	0.514627
1837	494861.06	3859151.99	4.15008	7.10725	5.51285	2.5253	3.76E-01	0.03007	0.0001	0.00585	0.41211	4.75E-01	0.037949	8.76E-05	0.003414	5.16E-01	0.46792	0.032639	7.16E-05	0.003626	0.504257
1838	494911.06	3859151.99	3.96845	6.6513	5.24932	2.45463	3.60E-01	0.02814	9.8E-05	0.00569	0.39355	4.54E-01	0.035515	8.34E-05	0.003319	4.93E-01	0.447441	0.030545	6.81E-05	0.003525	0.48158
1839	494961.06	3859151.99	3.71048	5.98549	4.89245	2.39758	3.36E-01	0.02532	9.2E-05	0.00555	0.36722	4.24E-01	0.03196	7.78E-05	0.003242	4.60E-01	0.418355	0.027488	6.35E-05	0.003443	0.44935
1840	495011.06	3859151.99	3.46078	5.50092	4.52844	2.3712	3.14E-01	0.02327	8.5E-05	0.00549	0.34247	3.96E-01	0.029372	7.2E-05	0.003206	4.28E-01	0.390202	0.025262	5.88E-05	0.003405	0.418928
1841	495061.06	3859151.99	3.45894	5.50104	4.50265	2.38254	3.13E-01	0.02327	8.4E-05	0.00552	0.34233	3.96E-01	0.029373	7.16E-05	0.003221	4.28E-01	0.389994	0.025263	5.84E-05	0.003421	0.418737
1842	495111.06	3859151.99	3.43598	5.4336	4.43964	2.38861	3.11E-01	0.02299	8.3E-05	0.00553	0.33998	3.93E-01	0.029013	7.06E-05	0.00323	4.25E-01	0.387406	0.024953	5.76E-05	0.00343	0.415846
1843	495161.06	3859151.99	3.51994	5.59615	4.51753	2.41137	3.19E-01	0.02367	8.5E-05	0.00559	0.34833	4.03E-01	0.029881	7.18E-05	0.00326	4.36E-01	0.396872	0.0257	5.86E-05	0.003463	0.426093
1844	495211.06	3859151.99	3.50498	5.55443	4.48748	2.41683	3.18E-01	0.0235	8.4E-05	0.0056	0.34681	4.01E-01	0.029658	7.13E-05	0.003268	4.34E-01	0.395185	0.025508	5.82E-05	0.003471	0.424222
1845	495261.06	3859151.99	3.49079	5.50668	4.46032	2.42215	3.16E-01	0.0233	8.3E-05	0.00561	0.34533	3.99E-01	0.029403	7.09E-05	0.003275	4.32E-01	0.393585	0.025289	5.79E-05	0.003478	0.42241
1846	495311.06	3859151.99	3.48601	5.47379	4.44568	2.42848	3.16E-01	0.02316	8.3E-05	0.00562	0.34477	3.99E-01	0.029227	7.07E-05	0.003284	4.31E-01	0.393046	0.025138	5.77E-05	0.003487	0.421729
1847	495361.06	3859151.99	3.47056	5.41634	4.41615	2.43553	3.15E-01	0.02291	8.3E-05	0.00564	0.34315	3.97E-01	0.028921	7.02E-05	0.003293	4.29E-01	0.391304	0.024874	5.73E-05	0.003498	0.419733
1848	495411.06	3859151.99	3.52253	5.53846	4.47865	2.45417	3.19E-01	0.02343	8.4E-05	0.00568	0.34842	4.03E-01	0.029573	7.12E-05	0.003318	4.36E-01	0.397164	0.025435	5.81E-05	0.003524	0.426181
1849	495461.06	3859151.99	3.50459	5.52531	4.45226	2.46518	3.18E-01	0.02337	8.3E-05	0.00571	0.34676	4.01E-01	0.029503	7.08E-05	0.003333	4.34E-01	0.395141	0.025374	5.78E-05	0.00354	0.424114
1850	495511.06	3859151.99	3.42356	5.39833	4.33461	2.46244	3.10E-01	0.02284	8.1E-05	0.0057	0.33887	3.92E-01	0.028824	6.89E-05	0.003329	4.24E-01	0.386005	0.024791	5.63E-05	0.003536	0.414389
1851	495561.06	3859151.99	3.36642	5.31035	4.25273	2.4647	3.05E-01	0.02247	8E-05	0.00571	0.33333	3.85E-01	0.028355	6.76E-05	0.003333	4.17E-01	0.379563	0.024387	5.52E-05	0.003539	0.407544
1852	495611.06	3859151.99	3.31625	5.25487	4.18201	2.46849	3.01E-01	0.02223	7.8E-05	0.00572	0.32855	3.79E-01	0.028058	6.65E-05	0.003338	4.11E-01	0.373906	0.024132	5.43E-05	0.003545	0.401638
1853	495661.06	3859151.99	3.27174	5.21559	4.12069	2.47315	2.96E-01	0.02206	7.7E-05	0.00573	0.32436	3.74E-01	0.027849	6.55E-05	0.003344	4.05E-01	0.368888	0.023952	5.35E-05	0.003552	0.396445
1854	494311.06	3859201.99	5.3503	9.49288	7.37123	3.64362	4.85E-01	0.04016	0.00014	0.00844	0.53359	6.12E-01	0.050687	0.000117	0.004927	6.68E-01	0.603244	0.043595	9.57E-05	0.005232	0.652167
1855	494361.06	3859201.99	5.29644	9.43139	7.30539	3.60216	4.80E-01	0.0399	0.00014	0.00834	0.52835	6.06E-01	0.050359	0.000116	0.004871	6.61E-01	0.597172	0.043312	9.48E-05	0.005173	0.645752
1856	494411.06	3859201.99	5.22419	9.30165	7.21071	3.51831	4.73E-01	0.03935	0.00013	0.00815	0.52106	5.98E-01	0.049666	0.000115	0.004757	6.52E-01	0.589026	0.042717	9.36E-05	0.005052	0.636888
1857	494461.06	3859201.99	5.12921	9.0607	7.06481	3.39776	4.65E-01	0.03833	0.00013	0.00787	0.51115	5.87E-01	0.04838	0.000112	0.004594	6.40E-01	0.578317	0.04161	9.17E-05	0.004879	0.624898
1858	494511.06	3859201.99	5.06604	8.8756	6.96149	3.33636	4.59E-01	0.03755	0.00013	0.00773	0.5045	5.79E-01	0.047391	0.000111	0.004511	6.31E-01	0.571194	0.04076	9.04E-05	0.004791	0.616836
1859	494561.06	3859201.99	4.94769	8.53668	6.78164	3.19594	4.48E-01	0.03611	0.00013	0.0074	0.49201	5.66E-01	0.045582	0.000108	0.004321	6.16E-01	0.55785	0.039204	8.8E-05	0.00459	0.601732
1860	494611.06	3859201.99	4.85519	8.28701	6.63468	3.0987	4.40E-01	0.03506	0.00012	0.00718	0.48235	5.55E-01	0.044249	0.000105	0.00419	6.04E-01	0.547421	0.038057	8.61E-05	0.00445	0.590014
1861	494661.06	3859201.99	4.78252	8.19428	6.5146	3.03067	4.33E-01	0.03467	0.00012	0.00702	0.47521	5.47E-01	0.043754	0.000104	0.004098	5.95E-01	0.539227	0.037631	8.46E-05	0.004352	0.581295
1862	494711.06	3859201.99	4.70693	8.12852	6.39064	2.96125	4.27E-01	0.03439	0.00012	0.00686	0.46792	5.38E-01	0.043402	0.000102	0.004004	5.86E-01	0.530705	0.037329	8.3E-05	0.004253	0.572369
1863	494761.06	3859201.99	4.56521	7.88317	6.17696	2.81727	4.14E-01	0.03335	0.00012	0.00653	0.4537	5.22E-01	0.042092	9.82E-05	0.003809	5.68E-01	0.514726	0.036202	8.02E-05	0.004046	0.555054
1864	494811.06	3859201.99	4.44586	7.67155	5.99417	2.70698	4.03E-01	0.03245	0.00011	0.00627	0.44173	5.09E-01	0.040962	9.53E-05	0.00366	5.53E-01	0.501269	0.035231	7.78E-05	0.003887	0.540465
1865	494861.06	3859201.99	4.2994	7.35008	5.77609	2.56189	3.90E-01	0.03109	0.00011	0.00593	0.42676	4.92E-01	0.039246	9.18E-05	0.003464	5.35E-01	0.484756	0.033754	7.5E-05	0.003679	0.522264
1866	494911.06	3859201.99	4.09988	6.93691	5.48538	2.47398	3.72E-01	0.02935	0.0001	0.00573	0.40672	4.69E-01	0.03704	8.72E-05	0.003345	5.09E-01	0.46226	0.031857	7.12E-05	0.003553	0.497741
1867	494961.06	3859201.99	3.88281	6.4467	5.16951	2.38522	3.52E-01	0.02727	9.7E-05	0.00552	0.38476	4.44E-01	0.034422	8.22E-05	0.003225	4.82E-01	0.437785	0.029606	6.71E-05	0.003425	0.470884
1868	495011.06	3859201.99	3.57564	5.73487	4.73365	2.32352	3.24E-01	0.02426	8.9E-05	0.00538	0.35376	4.09E-01	0.030621	7.52E-05	0.003142	4.43E-01	0.403152	0.026337	6.14E-05	0.003337	0.432887
1869	495061.06	3859201.99	3.71553	6.06625	4.90737	2.36666	3.37E-01	0.02566	9.2E-05	0.00548	0.36795	4.25E-01	0.032391	7.8E-05	0.0032	4.61E-01	0.418925	0.027858	6.37E-05	0.003399	0.450246
1870	495111.06	3859201.99	3.72583	6.08563	4.90437	2.3838	3.38E-01	0.02575	9.2E-05	0.00552	0.369	4.26E-01	0.032494	7.79E-05	0.003223	4.62E-01	0.420086	0.027947	6.37E-05	0.003423	0.45152
1871	495161.06	3859201.99	3.72978	6.05496	4.8744	2.39676	3.38E-01	0.02562	9.1E-05	0.00555	0.36926	4.27E-01	0.032331	7.75E-05	0.003241	4.62E-01	0.420531	0.027807	6.33E-05	0.003442	0.451843
1872	495211.06	3859201.99	3.68604	5.96101	4.78065	2.39967	3.34E-01	0.02522	8.9E-05	0.00556	0.3649	4.22E-01	0.031829	7.6E-05	0.003245	4.57E-01	0.4156	0.027375	6.21E-05	0.003446	0.446483
1873	495261.06	3859201.99	3.70867	6.01151	4.78377	2.4149	3.36E-01	0.02543	9E-05	0.00559	0.3672	4.24E-01	0.032099	7.6E-05	0.003265	4.60E-01	0.418151	0.027607	6.21E-05	0.003468	0.449288
1874	495311.06	3859201.99	3.70494	5.99613	4.77064	2.42408	3.36E-01	0.02537	8.9E-05	0.00561	0.36682	4.24E-01	0.032016	7.58E-05	0.003278	4.59E-01	0.417731	0.027536	6.19E-05	0.003481	0.44881
1875	495361.06	3859201.99	3.70911	6.00257	4.77029	2.43454	3.36E-01	0.02539	8.9E-05	0.00564	0.36725	4.24E-01	0.032051	7.58E-05	0.003292	4.60E-01	0.418201	0.027566	6.19E-05	0.003496	0.449325
1876	495411.06	3859201.99	3.74822	6.1066	4.8191	2.45235	3.40E-01	0.02583	9E-05	0.00568	0.37128	4.29E-01	0.032606	7.66E-05	0.003316	4.65E-01	0.422611	0.028044	6.26E-05	0.003522	0.454239
1877	495461.06	3859201.99	3.71668	6.04005	4.77393	2.45427	3.37E-01	0.02555	8.9E-05	0.00568	0.36814	4.25E-01	0.032251	7.59E-05	0.003318	4.61E-01	0.419054	0.027738	6.2E-05	0.003524	0.450379
1878	495511.06	3859201.99	3.68405	5.96414	4.72769	2.45994	3.34E-01	0.02523	8.9E-05	0.0057	0.36487	4.21E-01	0.031846	7.51E-05	0.003326	4.57E-01	0.415375	0.02739	6.14E-05	0.003533	0.446359
1879	495561.06	3859201.99	3.59626	5.74838	4.60009	2.45588	3.26E-01	0.02432	8.6E-05	0.00569	0.35599	4.11E-01	0.030694	7.31E-05	0.003321	4.45E-01	0.405477	0.026399	5.97E-05	0.003527	0.435462
1880	495611.06	3859201.99	3.53572	5.61535	4.51313	2.45863	3.20E-01	0.02376	8.4E-05	0.00569	0.34995	4.04E-01	0.029983	7.17E-05	0.003324	4.38E-01	0.398651	0.025788	5.86E-05	0.003531	0.428028
1881	495661.06	3859201.99	3.49618	5.53861	4.458	2.46616	3.17E-01	0.02343	8.3E-05	0.00571	0.34606	4.00E-01	0.029574	7.09E-05	0.003335	4.33E-01	0.394193	0.025435	5.79E-05	0.003542	0.423228
1882	494311.06	3859251.99	5.50501	9.70951	7.58442	4.01469	4.99E-01	0.04108	0.00014	0.0093	0.54939	6.30E-01	0.051844	0.000121	0.005428	6.87E-01	0.620688	0.04459	9.84E-05	0.005765	0.671141
1883	494361.06	3859251.99	5.43433	9.51536	7.49547	3.90429	4.92E-01	0.04025	0.00014	0.00904	0.54191	6.22E-01	0.050807	0.000119	0.005279	6.78E-01	0.612719	0.043698	9.73E-05	0.005607	0.662121
1884	494411.06	3859251.99	5.34259	9.37246	7.36822	3.7281	4.84E-01	0.03965	0.00014	0.00863	0.53258	6.11E-01	0.050044	0.000117	0.005041	6.66E-01	0.602375	0.043042	9.56E-05	0.005354	0.650866
1885	494461.06	3859251.99	5.27601	9.26997	7.28025	3.64234	4.78E-01	0.03922	0.00014	0.00844	0.52591	6.03E-01	0.049497	0.000116	0.004925	6.58E-01	0.594868	0.042571	9.45E-05	0.005231	0.642765
1886	494511.06	3859251.99	5.16665	9.0318	7.12808	3.45216	4.68E-01	0.03821	0.00013	0.008	0.51455	5.91E-01	0.048225	0.000113	0.004668	6.44E-01	0.582538	0.041477	9.25E-05	0.004957	0.629065
1887	494561.06	3859251.99	5.08747	8.9058	7.02231	3.35655	4.61E-01	0.03768	0.00013	0.00777	0.50662	5.82E-01	0.047553	0.000112	0.004538	6.34E-01	0.573611	0.040899	9.12E-05	0.00482	0.619421

1888	494611.06	3859251.99	4.9918	8.68708	6.87497	3.24342		4.52E-01	0.03675	0.00013	0.00751	0.49676		5.71E-01	0.046385	0.000109	0.004385	6.22E-01		0.562824	0.039894	8.92E-05	0.004658	0.607465
1889	494661.06	3859251.99	4.94478	8.5644	6.7935	3.20979		4.48E-01	0.03623	0.00013	0.00743	0.4919		5.66E-01	0.04573	0.000108	0.00434	6.16E-01		0.557522	0.039331	8.82E-05	0.004609	0.601551
1890	494711.06	3859251.99	4.87211	8.36151	6.67655	3.13956		4.42E-01	0.03537	0.00012	0.00727	0.48429		5.57E-01	0.044646	0.000106	0.004245	6.06E-01		0.549329	0.038399	8.67E-05	0.004509	0.592323
1891	494761.06	3859251.99	4.65451	7.76875	6.35909	2.85024		4.22E-01	0.03287	0.00012	0.0066	0.46139		5.32E-01	0.041481	0.000101	0.003854	5.78E-01		0.524794	0.035677	8.25E-05	0.004093	0.564647
1892	494811.06	3859251.99	4.63441	7.74561	6.31098	2.88456		4.20E-01	0.03277	0.00012	0.00668	0.45955		5.30E-01	0.041358	0.0001	0.0039	5.75E-01		0.522528	0.035571	8.19E-05	0.004142	0.562323
1893	494861.06	3859251.99	4.41824	7.31216	6.01043	2.64396		4.00E-01	0.03093	0.00011	0.00612	0.43756		5.05E-01	0.039043	9.55E-05	0.003575	5.48E-01		0.498155	0.03358	7.8E-05	0.003797	0.53561
1894	494911.06	3859251.99	4.22368	6.96963	5.70852	2.50356		3.83E-01	0.02949	0.00011	0.0058	0.41815		4.83E-01	0.037214	9.07E-05	0.003385	5.24E-01		0.476218	0.032007	7.41E-05	0.003595	0.511895
1895	494961.06	3859251.99	4.12874	6.80726	5.55996	2.45942		3.74E-01	0.0288	0.0001	0.0057	0.40875		4.72E-01	0.036348	8.84E-05	0.003325	5.12E-01		0.465514	0.031261	7.22E-05	0.003532	0.50038
1896	495011.06	3859251.99	4.00677	6.59633	5.37449	2.40423		3.63E-01	0.02791	0.0001	0.00557	0.39668		4.58E-01	0.035221	8.54E-05	0.003251	4.97E-01		0.451762	0.030293	6.98E-05	0.003453	0.485577
1897	495061.06	3859251.99	4.0311	6.71199	5.39148	2.43017		3.65E-01	0.0284	0.0001	0.00563	0.39943		4.61E-01	0.035839	8.57E-05	0.003286	5.00E-01		0.454505	0.030824	7E-05	0.00349	0.488889
1898	495111.06	3859251.99	3.99306	6.66783	5.32039	2.41998		3.62E-01	0.02821	1E-04	0.00561	0.39577		4.57E-01	0.035603	8.46E-05	0.003272	4.96E-01		0.450216	0.030621	6.91E-05	0.003475	0.484382
1899	495161.06	3859251.99	3.98221	6.67597	5.28486	2.42429		3.61E-01	0.02824	9.9E-05	0.00562	0.39483		4.55E-01	0.035646	8.4E-05	0.003278	4.94E-01		0.448993	0.030659	6.86E-05	0.003481	0.483201
1900	495211.06	3859251.99	3.93731	6.58588	5.19951	2.42176		3.57E-01	0.02786	9.7E-05	0.00561	0.39038		4.50E-01	0.035165	8.26E-05	0.003274	4.89E-01		0.44393	0.030245	6.75E-05	0.003478	0.47772
1901	495261.06	3859251.99	3.93613	6.54095	5.1708	2.42663		3.57E-01	0.02767	9.7E-05	0.00562	0.39009		4.50E-01	0.034926	8.22E-05	0.003281	4.88E-01		0.443797	0.030038	6.71E-05	0.003485	0.477388
1902	495311.06	3859251.99	3.957	6.59966	5.14635	2.45275		3.59E-01	0.02792	9.6E-05	0.00568	0.39229		4.53E-01	0.035239	8.18E-05	0.003316	4.91E-01		0.44615	0.030308	6.68E-05	0.003522	0.480048
1903	495361.06	3859251.99	3.93936	6.52913	5.10444	2.45862		3.57E-01	0.02762	9.6E-05	0.00569	0.3904		4.51E-01	0.034862	8.11E-05	0.003324	4.89E-01		0.444161	0.029984	6.63E-05	0.003531	0.477743
1904	495411.06	3859251.99	3.9672	6.57546	5.142	2.48087		3.60E-01	0.02782	9.6E-05	0.00575	0.39318		4.54E-01	0.03511	8.17E-05	0.003354	4.92E-01		0.4473	0.030197	6.67E-05	0.003563	0.481127
1905	495461.06	3859251.99	3.93974	6.51877	5.1049	2.48183		3.57E-01	0.02758	9.6E-05	0.00575	0.39045		4.51E-01	0.034807	8.11E-05	0.003356	4.89E-01		0.444204	0.029937	6.63E-05	0.003564	0.477771
1906	495511.06	3859251.99	3.85568	6.34007	4.98467	2.46169		3.49E-01	0.02682	9.3E-05	0.0057	0.38203		4.41E-01	0.033853	7.92E-05	0.003328	4.78E-01		0.434727	0.029116	6.47E-05	0.003535	0.467442
1907	495561.06	3859251.99	3.81209	6.24777	4.92357	2.45616		3.45E-01	0.02643	9.2E-05	0.00569	0.37767		4.36E-01	0.03336	7.83E-05	0.003321	4.73E-01		0.429812	0.028692	6.39E-05	0.003527	0.462095
1908	495611.06	3859251.99	3.73792	6.10193	4.81719	2.44001		3.39E-01	0.02581	9E-05	0.00565	0.37029		4.28E-01	0.032581	7.66E-05	0.003299	4.63E-01		0.421449	0.028022	6.25E-05	0.003504	0.453038
1909	495661.06	3859251.99	3.691	6.01305	4.75123	2.44679		3.34E-01	0.02544	8.9E-05	0.00567	0.36568		4.22E-01	0.032107	7.55E-05	0.003308	4.58E-01		0.416159	0.027614	6.17E-05	0.003514	0.447349
1910	494311.06	3859301.99	5.64611	9.86783	7.73295	4.37275		5.12E-01	0.04175	0.00014	0.01013	0.56368		6.46E-01	0.052689	0.000123	0.005912	7.05E-01		0.636597	0.045317	0.0001	0.006279	0.688294
1911	494361.06	3859301.99	5.57337	9.78365	7.65363	4.24695		5.05E-01	0.04139	0.00014	0.00984	0.55644		6.37E-01	0.05224	0.000122	0.005742	6.96E-01		0.628396	0.04493	9.93E-05	0.006099	0.679524
1912	494411.06	3859301.99	5.48501	9.62609	7.54539	4.06349		4.97E-01	0.04072	0.00014	0.00941	0.54734		6.27E-01	0.051399	0.00012	0.005494	6.84E-01		0.618433	0.044207	9.79E-05	0.005835	0.668573
1913	494461.06	3859301.99	5.39064	9.42564	7.43257	3.88229		4.89E-01	0.03988	0.00014	0.00899	0.53752		6.17E-01	0.050328	0.000118	0.005249	6.72E-01		0.607793	0.043286	9.65E-05	0.005575	0.656751
1914	494511.06	3859301.99	5.30784	9.20713	7.32173	3.73084		4.81E-01	0.03895	0.00014	0.00864	0.52874		6.07E-01	0.049162	0.000116	0.005045	6.61E-01		0.598457	0.042283	9.5E-05	0.005358	0.646192
1915	494561.06	3859301.99	5.23703	9.0322	7.22582	3.63235		4.75E-01	0.03821	0.00014	0.00841	0.52135		5.99E-01	0.048228	0.000115	0.004911	6.52E-01		0.590473	0.041479	9.38E-05	0.005216	0.637263
1916	494611.06	3859301.99	5.15816	8.91777	7.12152	3.51606		4.67E-01	0.03773	0.00013	0.00814	0.51345		5.90E-01	0.047617	0.000113	0.004754	6.42E-01		0.581581	0.040954	9.24E-05	0.005049	0.627676
1917	494661.06	3859301.99	5.07661	8.77486	7.01249	3.40267		4.60E-01	0.03712	0.00013	0.00788	0.50519		5.81E-01	0.046854	0.000111	0.004601	6.32E-01		0.572386	0.040297	9.1E-05	0.004886	0.617661
1918	494711.06	3859301.99	4.97858	8.56695	6.87167	3.25262		4.51E-01	0.03624	0.00013	0.00753	0.49507		5.69E-01	0.045743	0.000109	0.004398	6.20E-01		0.561333	0.039343	8.92E-05	0.004671	0.605436
1919	494761.06	3859301.99	4.89498	8.39924	6.74045	3.15315		4.44E-01	0.03553	0.00013	0.0073	0.48656		5.60E-01	0.044848	0.000107	0.004263	6.09E-01		0.551907	0.038572	8.75E-05	0.004528	0.595095
1920	494811.06	3859301.99	4.76054	8.09109	6.53853	2.99776		4.31E-01	0.03423	0.00012	0.00694	0.47271		5.45E-01	0.043203	0.000104	0.004053	5.92E-01		0.536749	0.037157	8.49E-05	0.004305	0.578296
1921	494861.06	3859301.99	4.55253	7.58677	6.23371	2.77003		4.13E-01	0.0321	0.00012	0.00642	0.45119		5.21E-01	0.04051	9.91E-05	0.003745	5.65E-01		0.513296	0.034841	8.09E-05	0.003978	0.552196
1922	494911.06	3859301.99	4.45293	7.32226	6.07829	2.68399		4.04E-01	0.03098	0.00011	0.00622	0.44084		5.09E-01	0.039097	9.66E-05	0.003629	5.52E-01		0.502066	0.033627	7.89E-05	0.003854	0.539626
1923	494961.06	3859301.99	4.22246	6.778	5.74158	2.46086		3.83E-01	0.02867	0.00011	0.0057	0.41713		4.83E-01	0.036191	9.13E-05	0.003327	5.23E-01		0.476081	0.031127	7.45E-05	0.003534	0.510816
1924	495011.06	3859301.99	4.15023	6.63344	5.62431	2.42557		3.76E-01	0.02806	0.00011	0.00562	0.40989		4.75E-01	0.035419	8.94E-05	0.00328	5.13E-01		0.467937	0.030463	7.3E-05	0.003483	0.501956
1925	495061.06	3859301.99	4.27689	6.96437	5.79575	2.5383		3.88E-01	0.02946	0.00011	0.00588	0.42303		4.89E-01	0.037186	9.21E-05	0.003432	5.30E-01		0.482218	0.031983	7.52E-05	0.003645	0.517921
1926	495111.06	3859301.99	4.16655	6.79933	5.61322	2.46565		3.78E-01	0.02876	0.00011	0.00571	0.41216		4.77E-01	0.036305	8.92E-05	0.003334	5.16E-01		0.469777	0.031225	7.29E-05	0.003541	0.504616
1927	495161.06	3859301.99	4.15918	6.85393	5.58274	2.48641		3.77E-01	0.029	0.0001	0.00576	0.41177		4.76E-01	0.036597	8.87E-05	0.003362	5.16E-01		0.468946	0.031476	7.25E-05	0.003571	0.504065
1928	495211.06	3859301.99	4.1994	7.03068	5.61612	2.54012		3.81E-01	0.02974	0.00011	0.00588	0.41629		4.80E-01	0.03754	8.93E-05	0.003435	5.21E-01		0.473481	0.032287	7.29E-05	0.003648	0.509489
1929	495261.06	3859301.99	4.20253	7.1101	5.59737	2.5618		3.81E-01	0.03008	0.0001	0.00593	0.41696		4.81E-01	0.037965	8.9E-05	0.003464	5.22E-01		0.473834	0.032652	7.27E-05	0.003679	0.510238
1930	495311.06	3859301.99	4.13437	6.98678	5.47425	2.50704		3.75E-01	0.02956	0.0001	0.00581	0.41013		4.73E-01	0.037306	8.7E-05	0.00339	5.14E-01		0.466149	0.032086	7.11E-05	0.0036	0.501906
1931	495361.06	3859301.99	4.15459	7.06123	5.46118	2.5303		3.76E-01	0.02987	0.0001	0.00586	0.41233		4.75E-01	0.037704	8.68E-05	0.003421	5.16E-01		0.468429	0.032428	7.09E-05	0.003634	0.504561
1932	495411.06	3859301.99	4.14342	7.05063	5.40657	2.52537		3.75E-01	0.02983	0.0001	0.00585	0.41126		4.74E-01	0.037647	8.59E-05	0.003415	5.15E-01		0.467169	0.032379	7.02E-05	0.003627	0.503245
1933	495461.06	3859301.99	4.13931	7.04854	5.38822	2.53833		3.75E-01	0.02982	0.0001	0.00588	0.41091		4.73E-01	0.037636	8.56E-05	0.003432	5.15E-01		0.466706	0.03237	6.99E-05	0.003645	0.50279
1934	495511.06	3859301.99	4.07689	6.89073	5.3034	2.51694		3.69E-01	0.02915	9.9E-05	0.00583	0.40454		4.66E-01	0.036793	8.43E-05	0.003403	5.07E-01		0.459668	0.031645	6.88E-05	0.003614	0.494996
1935	495561.06	3859301.99	3.96709	6.60337	5.14854	2.47078		3.60E-01	0.02794	9.6E-05	0.00572	0.39326		4.54E-01	0.035259	8.18E-05	0.003341	4.92E-01		0.447288	0.030325	6.68E-05	0.003548	0.481228
1936	495611.06	3859301.99	3.92508	6.48447	5.09167	2.46704		3.56E-01	0.02743	9.5E-05	0.00571	0.38894		4.49E-01	0.034624	8.09E-05	0.003336	4.87E-01		0.442551	0.029779	6.61E-05	0.003543	0.475939
1937	495661.06	3859301.99	3.87994	6.38966	5.03002	2.46216		3.52E-01	0.02703	9.4E-05	0.0057	0.38444		4.44E-01	0.034118	7.99E-05	0.003329	4.81E-01		0.437462	0.029344	6.53E-05	0.003536	0.470407
1938	494311.06	3859351.99	5.74207	10.0352	7.79588	4.65919		5.20E-01	0.04245	0.00015	0.01079	0.57375		6.57E-01	0.053583	0.000124	0.0063	7.17E-01		0.647416	0.046085	0.000101	0.006691	0.700294
1939	494361.06	3859351.99	5.68062	9.84477	7.74053	4.53133		5.15E-01	0.04165	0.00014	0.0105	0.56708		6.50E-01	0.052566	0.000123	0.006127	7.09E-01		0.640488	0.045211	0.0001	0.006507	0.692307
1940	494411.06	3859351.99	5.60074	9.68789	7.65345	4.31788		5.08E-01	0.04098	0.00014	0.01	0.55868		6.41E-01	0.051729	0.000122	0.005838	6.98E-01		0.631482	0.04449	9.93E-05	0.006201	0.682272
1941	494461.06	3859351.99	5.52112	9.51688	7.56325	4.14992		5.00E-01	0.04026	0.00014	0.00961	0.55035		6.31E-01	0.050816	0.00012	0.005611	6.88E-01		0.622504	0.043705	9.82E-05	0.00596	0.672267
1942	494511.06	3859351.99	5.44151	9.39316	7.47058	4.00828		4.93E-01	0.03974	0.00014	0.00928	0.54228		6.22E-01	0.050155	0.000119	0.00542	6.78E-01		0.613528	0.043137	9.7E-05	0.005756	0.662518
1943	494561.06	3859351.99	5.37096	9.31073	7.39281	3.9214		4.87E-01	0.03939	0.00014	0.00908	0.53534		6.14E-01	0.049715	0.000117	0.005302	6.69E-01		0.605574	0.042758	9.6E-05	0.005631	0.65406
1944	494611.06	3859351.99	5.29389	9.17625	7.30445	3.80545		4.80E-01	0.03882	0.00014	0.00881	0.52751		6.06E-01	0.048997	0.000116	0.005145	6.60E-01		0.596884	0.042141	9.48E-05	0.005465	0.644585
1945	494661.06	3859351.99	5.21844	8.99935	7.20336	3.67981		4.73E-01	0.03807	0.00013	0.00852	0.51964		5.97E-01	0.048052	0.000114	0.004976	6.50E-01		0.588377	0.041328	9.35E-05	0.005284	0.635084
1946	494711.06	3859351.99	5.12093	8.73701	7.06977	3.5073		4.64E-01	0.03696	0.00013	0.00812	0.50929		5.86E-01	0.046651	0.000112	0.004742	6.37E-01		0.577383	0.040124	9.18E-05	0.005037	0.622635
1947	494761.06	3859351.99	4.98737	8.40774	6.89187	3.24283		4.52E-01	0.03557	0.00013	0.00751	0.49517		5.70E-01	0.044893	0.00011	0.004385	6.20E-01		0.562324	0.038611	8.95E-05	0.004657	0.605682
1948	494811.06	3859351.99	4.7969	8.00306	6.59775	2.95428		4.35E-01	0.03386	0.00012	0.00684	0.47553		5.49E-01	0.042733	0.000105	0.003995	5.95E-01		0.540849	0.036753	8.56E-05	0.004243	0.58193

1949	494861.06	3859351.99	4.71255	7.85648	6.48539	2.89458		4.27E-01	0.03324	0.00012	0.0067	0.46712		5.39E-01	0.04195	0.000103	0.003914	5.85E-01		0.531338	0.03608	8.42E-05	0.004157	0.571659
1950	494911.06	3859351.99	4.65707	7.77313	6.41196	2.87179		4.22E-01	0.03288	0.00012	0.00665	0.46169		5.33E-01	0.041505	0.000102	0.003883	5.78E-01		0.525083	0.035697	8.32E-05	0.004124	0.564987
1951	494961.06	3859351.99	4.56795	7.59018	6.27158	2.7906		4.14E-01	0.03211	0.00012	0.00646	0.45265		5.22E-01	0.040528	9.97E-05	0.003773	5.67E-01		0.515035	0.034857	8.14E-05	0.004007	0.553981
1952	495011.06	3859351.99	4.5086	7.45881	6.17225	2.74691		4.09E-01	0.03155	0.00012	0.00636	0.44661		5.16E-01	0.039826	9.81E-05	0.003714	5.59E-01		0.508343	0.034254	8.01E-05	0.003945	0.546622
1953	495061.06	3859351.99	4.56689	7.591	6.23632	2.84313		4.14E-01	0.03211	0.00012	0.00659	0.45268		5.22E-01	0.040532	9.91E-05	0.003844	5.67E-01		0.514915	0.034861	8.09E-05	0.004083	0.55394
1954	495111.06	3859351.99	4.49728	7.4001	6.12105	2.78244		4.08E-01	0.03131	0.00011	0.00644	0.44542		5.14E-01	0.039513	9.73E-05	0.003762	5.58E-01		0.507067	0.033984	7.95E-05	0.003996	0.545126
1955	495161.06	3859351.99	4.47104	7.29739	6.06503	2.7732		4.05E-01	0.03087	0.00011	0.00642	0.44258		5.11E-01	0.038965	9.64E-05	0.00375	5.54E-01		0.504108	0.033512	7.87E-05	0.003982	0.541682
1956	495211.06	3859351.99	4.43755	7.23636	5.99902	2.75454		4.02E-01	0.03061	0.00011	0.00638	0.43925		5.08E-01	0.038639	9.53E-05	0.003724	5.50E-01		0.500332	0.033232	7.79E-05	0.003956	0.537598
1957	495261.06	3859351.99	4.43318	7.30133	5.97215	2.7739		4.02E-01	0.03089	0.00011	0.00642	0.43917		5.07E-01	0.038986	9.49E-05	0.003751	5.50E-01		0.49984	0.03353	7.75E-05	0.003983	0.537431
1958	495311.06	3859351.99	4.37259	7.24472	5.86884	2.72845		3.96E-01	0.03065	0.00011	0.00632	0.43333		5.00E-01	0.038683	9.33E-05	0.003689	5.43E-01		0.493008	0.03327	7.62E-05	0.003918	0.530273
1959	495361.06	3859351.99	4.34463	7.27486	5.80221	2.71538		3.94E-01	0.03078	0.00011	0.00629	0.43089		4.97E-01	0.038844	9.22E-05	0.003671	5.40E-01		0.489856	0.033409	7.53E-05	0.003899	0.527239
1960	495411.06	3859351.99	4.33981	7.3385	5.75885	2.72385		3.93E-01	0.03105	0.00011	0.00631	0.43075		4.96E-01	0.039184	9.15E-05	0.003683	5.39E-01		0.489312	0.033701	7.48E-05	0.003912	0.527
1961	495461.06	3859351.99	4.34714	7.42113	5.72872	2.74607		3.94E-01	0.0314	0.00011	0.00636	0.43181		4.97E-01	0.039625	9.1E-05	0.003713	5.41E-01		0.490139	0.034081	7.44E-05	0.003944	0.528237
1962	495511.06	3859351.99	4.26156	7.26684	5.58155	2.65951		3.86E-01	0.03074	0.0001	0.00616	0.4232		4.87E-01	0.038801	8.87E-05	0.003596	5.30E-01		0.480489	0.033372	7.25E-05	0.003819	0.517753
1963	495561.06	3859351.99	4.19928	7.15439	5.47099	2.60506		3.81E-01	0.03027	0.0001	0.00603	0.41695		4.80E-01	0.038201	8.7E-05	0.003522	5.22E-01		0.473467	0.032856	7.1E-05	0.003741	0.510135
1964	495611.06	3859351.99	4.15763	7.08102	5.41886	2.58425		3.77E-01	0.02996	0.0001	0.00599	0.41282		4.76E-01	0.037809	8.61E-05	0.003494	5.17E-01		0.468771	0.032519	7.03E-05	0.003711	0.505071
1965	495661.06	3859351.99	4.06722	6.87278	5.29486	2.51505		3.69E-01	0.02908	9.9E-05	0.00583	0.40358		4.65E-01	0.036697	8.42E-05	0.003401	5.05E-01		0.458578	0.031562	6.87E-05	0.003612	0.49382
1966	494311.06	3859401.99	5.82046	10.11917	7.87519	5.05772		5.27E-01	0.04281	0.00015	0.01171	0.58213		6.66E-01	0.054032	0.000125	0.006839	7.27E-01		0.656255	0.046471	0.000102	0.007263	0.710091
1967	494361.06	3859401.99	5.76404	10.03248	7.79799	4.8271		5.22E-01	0.04244	0.00015	0.01118	0.57612		6.59E-01	0.053569	0.000124	0.006527	7.20E-01		0.649894	0.046073	0.000101	0.006932	0.703
1968	494411.06	3859401.99	5.69511	9.89189	7.70823	4.58497		5.16E-01	0.04185	0.00014	0.01062	0.56871		6.51E-01	0.052818	0.000123	0.006199	7.11E-01		0.642122	0.045427	0.0001	0.006584	0.694233
1969	494461.06	3859401.99	5.62586	9.73492	7.64498	4.42676		5.10E-01	0.04118	0.00014	0.01025	0.56141		6.43E-01	0.05198	0.000122	0.005985	7.02E-01		0.634314	0.044706	9.92E-05	0.006357	0.685476
1970	494511.06	3859401.99	5.57058	9.57963	7.59697	4.35623		5.05E-01	0.04053	0.00014	0.01009	0.55558		6.37E-01	0.051151	0.000121	0.00589	6.94E-01		0.628081	0.043993	9.86E-05	0.006256	0.678429
1971	494561.06	3859401.99	5.50685	9.43805	7.53439	4.25304		4.99E-01	0.03993	0.00014	0.00985	0.54896		6.30E-01	0.050395	0.00012	0.005751	6.86E-01		0.620895	0.043343	9.78E-05	0.006108	0.670444
1972	494611.06	3859401.99	5.43087	9.29191	7.44997	4.10571		4.92E-01	0.03931	0.00014	0.00951	0.54112		6.21E-01	0.049614	0.000118	0.005551	6.76E-01		0.612329	0.042672	9.67E-05	0.005896	0.660993
1973	494661.06	3859401.99	5.36405	9.17818	7.3793	4.02172		4.86E-01	0.03883	0.00014	0.00932	0.53438		6.14E-01	0.049007	0.000117	0.005438	6.68E-01		0.604795	0.04215	9.58E-05	0.005775	0.652816
1974	494711.06	3859401.99	5.28653	9.07912	7.29051	3.90187		4.79E-01	0.03841	0.00014	0.00904	0.52666		6.05E-01	0.048478	0.000116	0.005276	6.59E-01		0.596054	0.041695	9.46E-05	0.005603	0.643447
1975	494761.06	3859401.99	5.16045	8.80158	7.13323	3.59575		4.68E-01	0.03724	0.00013	0.00833	0.51335		5.90E-01	0.046996	0.000113	0.004862	6.42E-01		0.581839	0.04042	9.26E-05	0.005164	0.627515
1976	494811.06	3859401.99	5.06241	8.59985	6.98397	3.43582		4.59E-01	0.03638	0.00013	0.00796	0.50324		5.79E-01	0.045919	0.000111	0.004646	6.30E-01		0.570785	0.039494	9.07E-05	0.004934	0.615303
1977	494861.06	3859401.99	4.92514	8.25396	6.78584	3.19453		4.46E-01	0.03492	0.00013	0.0074	0.48877		5.63E-01	0.044072	0.000108	0.004319	6.12E-01		0.555308	0.037905	8.81E-05	0.004588	0.597889
1978	494911.06	3859401.99	4.83014	7.99505	6.65927	3.03273		4.38E-01	0.03382	0.00012	0.00702	0.47869		5.52E-01	0.04269	0.000106	0.004101	5.99E-01		0.544597	0.036716	8.64E-05	0.004355	0.585754
1979	494961.06	3859401.99	4.77481	7.9276	6.5904	3.03155		4.33E-01	0.03354	0.00012	0.00702	0.47339		5.46E-01	0.04233	0.000105	0.004099	5.93E-01		0.538358	0.036406	8.55E-05	0.004353	0.579204
1980	495011.06	3859401.99	4.7423	7.90164	6.54437	3.01969		4.30E-01	0.03343	0.00012	0.00699	0.4703		5.42E-01	0.042191	0.000104	0.004083	5.89E-01		0.534693	0.036287	8.49E-05	0.004336	0.575401
1981	495061.06	3859401.99	4.73155	7.87038	6.52277	2.99902		4.29E-01	0.0333	0.00012	0.00695	0.46915		5.41E-01	0.042024	0.000104	0.004055	5.87E-01		0.533481	0.036144	8.47E-05	0.004307	0.574016
1982	495111.06	3859401.99	4.6613	7.73063	6.40455	2.91705		4.22E-01	0.0327	0.00012	0.00676	0.462		5.33E-01	0.041278	0.000102	0.003944	5.78E-01		0.52556	0.035502	8.31E-05	0.004189	0.565334
1983	495161.06	3859401.99	4.64834	7.75141	6.36593	2.95879		4.21E-01	0.03279	0.00012	0.00685	0.46101		5.32E-01	0.041389	0.000101	0.004001	5.77E-01		0.524099	0.035597	8.26E-05	0.004249	0.564028
1984	495211.06	3859401.99	4.64879	7.76392	6.34685	2.98859		4.21E-01	0.03285	0.00012	0.00692	0.46117		5.32E-01	0.041456	0.000101	0.004041	5.77E-01		0.524149	0.035655	8.24E-05	0.004292	0.564178
1985	495261.06	3859401.99	4.61799	7.68709	6.28442	2.97295		4.18E-01	0.03252	0.00012	0.00689	0.45802		5.28E-01	0.041045	9.99E-05	0.00402	5.73E-01		0.520677	0.035302	8.16E-05	0.004269	0.56033
1986	495311.06	3859401.99	4.57939	7.57762	6.2112	2.9464		4.15E-01	0.03206	0.00012	0.00682	0.45399		5.24E-01	0.040461	9.87E-05	0.003984	5.68E-01		0.516325	0.034799	8.06E-05	0.004231	0.555436
1987	495361.06	3859401.99	4.58149	7.55375	6.19293	2.97833		4.15E-01	0.03196	0.00012	0.0069	0.45415		5.24E-01	0.040333	9.84E-05	0.004027	5.68E-01		0.516561	0.03469	8.04E-05	0.004277	0.555608
1988	495411.06	3859401.99	4.56051	7.47859	6.13544	2.97568		4.13E-01	0.03164	0.00011	0.00689	0.45193		5.22E-01	0.039932	9.75E-05	0.004023	5.66E-01		0.514196	0.034344	7.96E-05	0.004273	0.552893
1989	495461.06	3859401.99	4.51325	7.43944	6.03958	2.93262		4.09E-01	0.03147	0.00011	0.00679	0.44738		5.16E-01	0.039723	9.6E-05	0.003965	5.60E-01		0.508867	0.034165	7.84E-05	0.004211	0.547322
1990	495511.06	3859401.99	4.43668	7.35743	5.90599	2.85061		4.02E-01	0.03113	0.00011	0.0066	0.4399		5.07E-01	0.039285	9.39E-05	0.003854	5.51E-01		0.500234	0.033788	7.67E-05	0.004094	0.538192
1991	495561.06	3859401.99	4.34211	7.23246	5.7492	2.74877		3.93E-01	0.0306	0.00011	0.00637	0.43056		4.97E-01	0.038618	9.14E-05	0.003717	5.39E-01		0.489571	0.033214	7.46E-05	0.003947	0.526808
1992	495611.06	3859401.99	4.29406	7.2012	5.64973	2.70564		3.89E-01	0.03046	0.00011	0.00627	0.42597		4.91E-01	0.038451	8.98E-05	0.003658	5.33E-01		0.484154	0.033071	7.33E-05	0.003885	0.521183
1993	495661.06	3859401.99	4.2548	7.178	5.56166	2.67241		3.86E-01	0.03037	0.0001	0.00619	0.42224		4.87E-01	0.038327	8.84E-05	0.003613	5.29E-01		0.479727	0.032964	7.22E-05	0.003838	0.516601
1994	494311.06	3859451.99	5.8581	9.93457	7.99417	5.31742		5.31E-01	0.04203	0.00015	0.01232	0.58537		6.70E-01	0.053046	0.000127	0.00719	7.30E-01		0.660499	0.045623	0.000104	0.007636	0.713862
1995	494361.06	3859451.99	5.81992	9.87946	7.91509	5.1198		5.27E-01	0.0418	0.00015	0.01186	0.58122		6.66E-01	0.052752	0.000126	0.006923	7.25E-01		0.656194	0.04537	0.000103	0.007352	0.709019
1996	494411.06	3859451.99	5.76619	9.79075	7.81215	4.80395		5.23E-01	0.04142	0.00015	0.01113	0.57524		6.60E-01	0.052278	0.000124	0.006495	7.18E-01		0.650136	0.044963	0.000101	0.006899	0.702099
1997	494461.06	3859451.99	5.71596	9.78207	7.73115	4.74626		5.18E-01	0.04138	0.00014	0.01099	0.57051		6.54E-01	0.052232	0.000123	0.006417	7.13E-01		0.644473	0.044923	0.0001	0.006816	0.696312
1998	494511.06	3859451.99	5.65471	9.70846	7.64834	4.58968		5.12E-01	0.04107	0.00014	0.01063	0.56429		6.47E-01	0.051839	0.000122	0.006206	7.05E-01		0.637567	0.044585	9.93E-05	0.006591	0.688842
1999	494561.06	3859451.99	5.59293	9.62181	7.58016	4.47381		5.07E-01	0.04071	0.00014	0.01036	0.55805		6.40E-01	0.051376	0.00012	0.006049	6.97E-01		0.630601	0.044187	9.84E-05	0.006425	0.681311
2000	494611.06	3859451.99	5.54784	9.53775	7.5493	4.4513		5.03E-01	0.04035	0.00014	0.01031	0.55356		6.35E-01	0.050927	0.00012	0.006019	6.92E-01		0.625517	0.043801	9.8E-05	0.006392	0.675808
2001	494661.06	3859451.99	5.47893	9.3628	7.48111	4.29231		4.97E-01	0.03961	0.00014	0.00994	0.5462		6.27E-01	0.049993	0.000119	0.005804	6.83E-01		0.617747	0.042997	9.71E-05	0.006164	0.667006
2002	494711.06	3859451.99	5.40416	9.15985	7.40054	4.13348		4.90E-01	0.03875	0.00014	0.00957	0.5382		6.18E-01	0.048909	0.000118	0.005589	6.73E-01		0.609317	0.042065	9.61E-05	0.005936	0.657415
2003	494761.06	3859451.99	5.33253	9.04368	7.32275	4.01453		4.83E-01	0.03826	0.00014	0.0093	0.53094		6.10E-01	0.048289	0.000116	0.005428	6.64E-01		0.601241	0.041532	9.51E-05	0.005765	0.648633
2004	494811.06	3859451.99	5.23166	8.82372	7.19368	3.79208		4.74E-01	0.03733	0.00013	0.00878	0.52035		5.98E-01	0.047114	0.000114	0.005127	6.51E-01		0.589868	0.040522	9.34E-05	0.005446	0.635929
2005	494861.06	3859451.99	5.13658	8.64896	7.07757	3.62362		4.65E-01	0.03659	0.00013	0.00839	0.5106		5.88E-01	0.046181	0.000112	0.0049	6.39E-01		0.579148	0.039719	9.19E-05	0.005204	0.624162
2006	494911.06	3859451.99	5.05909	8.53918	6.98334	3.51381		4.58E-01	0.03613	0.00013	0.00814	0.50286		5.79E-01	0.045595	0.000111	0.004751	6.29E-01		0.570411	0.039215	9.06E-05	0.005046	0.614762
2007	494961.06	3859451.99	5.0109	8.47407	6.92606	3.48309		4.54E-01	0.03585	0.00013	0.00807	0.49815		5.73E-01	0.045247	0.00011	0.00471	6.23E-01		0.564977	0.038916	8.99E-05	0.005002	0.608985
2008	495011.06	3859451.99	4.95443	8.35711	6.85722	3.42366		4.49E-01	0.03535	0.00013	0.00793	0.49239		5.67E-01	0.044623	0.000109	0.004629	6.16E-01		0.55861	0.038379	8.9E-05	0.004917	0.601995
2009	495061.06	3859451.99	4.89728	8.21598	6.78533	3.36383		4.44E-01	0.03476	0.00013	0.00779	0.48648		5.60E-01	0.043869	0.000108	0.004548	6.09E-01		0.552167	0.037731	8.81E-05	0.004831	0.594816

2010	495111.06	3859451.99	4.8515	8.06929	6.70743	3.29874		4.40E-01	0.03414	0.00013	0.00764	0.48156		5.55E-01	0.043086	0.000107	0.00446	6.03E-01		0.547005	0.037057	8.71E-05	0.004737	0.588886
2011	495161.06	3859451.99	4.83603	8.04802	6.67079	3.29992		4.38E-01	0.03405	0.00012	0.00764	0.48007		5.53E-01	0.042973	0.000106	0.004462	6.01E-01		0.545261	0.036959	8.66E-05	0.004739	0.587046
2012	495211.06	3859451.99	4.82801	8.06776	6.64482	3.31999		4.38E-01	0.03413	0.00012	0.00769	0.47947		5.52E-01	0.043078	0.000106	0.004489	6.00E-01		0.544356	0.03705	8.63E-05	0.004768	0.586261
2013	495261.06	3859451.99	4.81277	8.05571	6.60931	3.32714		4.36E-01	0.03408	0.00012	0.00771	0.47805		5.50E-01	0.043014	0.000105	0.004499	5.98E-01		0.542638	0.036995	8.58E-05	0.004778	0.584497
2014	495311.06	3859451.99	4.77568	7.99633	6.53908	3.28058		4.33E-01	0.03383	0.00012	0.0076	0.47433		5.46E-01	0.042697	0.000104	0.004436	5.93E-01		0.538456	0.036722	8.49E-05	0.004711	0.579974
2015	495361.06	3859451.99	4.74667	7.96113	6.4792	3.25226		4.30E-01	0.03368	0.00012	0.00753	0.47149		5.43E-01	0.042509	0.000103	0.004397	5.90E-01		0.535185	0.03656	8.41E-05	0.00467	0.5765
2016	495411.06	3859451.99	4.70399	7.8787	6.40042	3.19579		4.26E-01	0.03333	0.00012	0.0074	0.46714		5.38E-01	0.042068	0.000102	0.004321	5.85E-01		0.530373	0.036182	8.31E-05	0.004589	0.571228
2017	495461.06	3859451.99	4.67025	7.80069	6.33174	3.15692		4.23E-01	0.033	0.00012	0.00731	0.46366		5.34E-01	0.041652	0.000101	0.004268	5.80E-01		0.526569	0.035824	8.22E-05	0.004534	0.567008
2018	495511.06	3859451.99	4.58695	7.58183	6.19198	3.02734		4.16E-01	0.03208	0.00012	0.00701	0.45488		5.25E-01	0.040483	9.84E-05	0.004093	5.69E-01		0.517177	0.034819	8.04E-05	0.004347	0.556423
2019	495561.06	3859451.99	4.53673	7.42364	6.09319	2.9778		4.11E-01	0.03141	0.00011	0.0069	0.44954		5.19E-01	0.039639	9.68E-05	0.004026	5.63E-01		0.511515	0.034092	7.91E-05	0.004276	0.549962
2020	495611.06	3859451.99	4.48724	7.28765	5.99437	2.92973		4.07E-01	0.03083	0.00011	0.00679	0.44437		5.13E-01	0.038913	9.53E-05	0.003961	5.56E-01		0.505935	0.033468	7.78E-05	0.004207	0.543687
2021	495661.06	3859451.99	4.44086	7.24607	5.89847	2.88664		4.02E-01	0.03065	0.00011	0.00669	0.43989		5.08E-01	0.038691	9.37E-05	0.003903	5.51E-01		0.500705	0.033277	7.66E-05	0.004145	0.538204
2022	494311.06	3859501.99	5.85293	9.73328	8.04021	5.64957		5.30E-01	0.04118	0.00015	0.01309	0.58482		6.69E-01	0.051971	0.000128	0.007639	7.29E-01		0.659916	0.044699	0.000104	0.008113	0.712832
2023	494361.06	3859501.99	5.83609	9.74615	7.99914	5.43017		5.29E-01	0.04123	0.00015	0.01258	0.58284		6.68E-01	0.05204	0.000127	0.007342	7.27E-01		0.658017	0.044758	0.000104	0.007798	0.710677
2024	494411.06	3859501.99	5.80794	9.71288	7.93623	5.02415		5.26E-01	0.04109	0.00015	0.01164	0.5792		6.64E-01	0.051862	0.000126	0.006793	7.23E-01		0.654843	0.044605	0.000103	0.007215	0.706766
2025	494461.06	3859501.99	5.76926	9.67914	7.86247	5.08996		5.23E-01	0.04095	0.00015	0.01179	0.57571		6.60E-01	0.051682	0.000125	0.006882	7.19E-01		0.650482	0.04445	0.000102	0.007309	0.702344
2026	494511.06	3859501.99	5.72367	9.62212	7.77425	4.9064		5.19E-01	0.04071	0.00015	0.01136	0.57091		6.55E-01	0.051378	0.000124	0.006634	7.13E-01		0.645342	0.044188	0.000101	0.007046	0.696677
2027	494561.06	3859501.99	5.67242	9.53257	7.67651	4.76024		5.14E-01	0.04033	0.00014	0.01103	0.56554		6.49E-01	0.050899	0.000122	0.006436	7.06E-01		0.639563	0.043777	9.96E-05	0.006836	0.690276
2028	494611.06	3859501.99	5.62715	9.55718	7.61586	4.83275		5.10E-01	0.04043	0.00014	0.01119	0.56171		6.44E-01	0.051031	0.000121	0.006534	7.01E-01		0.634459	0.04389	9.89E-05	0.00694	0.685388
2029	494661.06	3859501.99	5.5698	9.48336	7.53699	4.61593		5.05E-01	0.04012	0.00014	0.01069	0.5557		6.37E-01	0.050637	0.00012	0.006241	6.94E-01		0.627993	0.043551	9.78E-05	0.006629	0.678271
2030	494711.06	3859501.99	5.49574	9.34467	7.45643	4.35868		4.98E-01	0.03953	0.00014	0.0101	0.5478		6.29E-01	0.049896	0.000119	0.005893	6.85E-01		0.619643	0.042914	9.68E-05	0.006259	0.668913
2031	494761.06	3859501.99	5.45694	9.29886	7.43466	4.37747		4.95E-01	0.03934	0.00014	0.01014	0.54414		6.24E-01	0.049651	0.000118	0.005919	6.80E-01		0.615268	0.042704	9.65E-05	0.006286	0.664355
2032	494811.06	3859501.99	5.35138	9.0353	7.30849	4.03851		4.85E-01	0.03822	0.00014	0.00935	0.53267		6.12E-01	0.048244	0.000116	0.005461	6.66E-01		0.603366	0.041493	9.49E-05	0.0058	0.650754
2033	494861.06	3859501.99	5.28757	8.87628	7.24343	3.95087		4.79E-01	0.03755	0.00014	0.00915	0.52601		6.05E-01	0.047395	0.000115	0.005342	6.58E-01		0.596172	0.040763	9.4E-05	0.005674	0.642703
2034	494911.06	3859501.99	5.23494	8.79301	7.19614	3.92179		4.74E-01	0.0372	0.00013	0.00908	0.52082		5.99E-01	0.04695	0.000114	0.005303	6.51E-01		0.590238	0.040381	9.34E-05	0.005632	0.636344
2035	494961.06	3859501.99	5.15495	8.65008	7.10231	3.78768		4.67E-01	0.03659	0.00013	0.00877	0.51265		5.90E-01	0.046187	0.000113	0.005121	6.41E-01		0.581219	0.039724	9.22E-05	0.005439	0.626475
2036	495011.06	3859501.99	5.10489	8.57199	7.05305	3.76205		4.63E-01	0.03626	0.00013	0.00871	0.50773		5.84E-01	0.04577	0.000112	0.005087	6.35E-01		0.575575	0.039366	9.16E-05	0.005403	0.620434
2037	495061.06	3859501.99	5.06545	8.53443	7.01162	3.74689		4.59E-01	0.0361	0.00013	0.00868	0.50396		5.79E-01	0.04557	0.000111	0.005066	6.30E-01		0.571128	0.039193	9.1E-05	0.005381	0.615793
2038	495111.06	3859501.99	4.99538	8.42372	6.92373	3.62809		4.53E-01	0.03564	0.00013	0.0084	0.49686		5.71E-01	0.044979	0.00011	0.004906	6.21E-01		0.563227	0.038685	8.99E-05	0.00521	0.607212
2039	495161.06	3859501.99	4.96421	8.37637	6.88597	3.61897		4.50E-01	0.03544	0.00013	0.00838	0.49381		5.68E-01	0.044726	0.000109	0.004893	6.18E-01		0.559713	0.038467	8.94E-05	0.005197	0.603467
2040	495211.06	3859501.99	4.96052	8.34062	6.86648	3.65018		4.50E-01	0.03529	0.00013	0.00845	0.4934		5.67E-01	0.044535	0.000109	0.004935	6.17E-01		0.559297	0.038303	8.91E-05	0.005242	0.602931
2041	495261.06	3859501.99	4.93713	8.24527	6.82101	3.6327		4.47E-01	0.03488	0.00013	0.00841	0.49084		5.65E-01	0.044026	0.000108	0.004912	6.14E-01		0.55666	0.037865	8.85E-05	0.005217	0.59983
2042	495311.06	3859501.99	4.91851	8.17765	6.78213	3.63283		4.46E-01	0.0346	0.00013	0.00841	0.48886		5.63E-01	0.043665	0.000108	0.004912	6.11E-01		0.55456	0.037555	8.8E-05	0.005217	0.59742
2043	495361.06	3859501.99	4.88465	8.14168	6.72247	3.59371		4.43E-01	0.03444	0.00013	0.00832	0.48555		5.59E-01	0.043473	0.000107	0.004859	6.07E-01		0.550743	0.03739	8.73E-05	0.005161	0.59338
2044	495411.06	3859501.99	4.85288	8.10836	6.66286	3.55857		4.40E-01	0.0343	0.00012	0.00824	0.48245		5.55E-01	0.043295	0.000106	0.004812	6.03E-01		0.547161	0.037237	8.65E-05	0.00511	0.589594
2045	495461.06	3859501.99	4.81301	8.03499	6.58861	3.49793		4.36E-01	0.03399	0.00012	0.0081	0.47838		5.51E-01	0.042903	0.000105	0.00473	5.98E-01		0.542665	0.0369	8.55E-05	0.005023	0.584674
2046	495511.06	3859501.99	4.71703	7.83238	6.44373	3.27975		4.27E-01	0.03313	0.00012	0.0076	0.46832		5.40E-01	0.041821	0.000102	0.004435	5.86E-01		0.531844	0.035969	8.36E-05	0.00471	0.572606
2047	495561.06	3859501.99	4.70072	7.83917	6.39174	3.2989		4.26E-01	0.03316	0.00012	0.00764	0.46691		5.38E-01	0.041857	0.000102	0.00446	5.84E-01		0.530005	0.036	8.3E-05	0.004737	0.570825
2048	495611.06	3859501.99	4.6515	7.73226	6.29573	3.21181		4.22E-01	0.03271	0.00012	0.00744	0.4618		5.32E-01	0.041287	0.0001	0.004343	5.78E-01		0.524455	0.035509	8.17E-05	0.004612	0.564658
2049	495661.06	3859501.99	4.5935	7.59009	6.18785	3.11313		4.16E-01	0.03211	0.00012	0.00721	0.45571		5.25E-01	0.040527	9.83E-05	0.004209	5.70E-01		0.517916	0.034857	8.03E-05	0.004471	0.557323
2050	494311.06	3859551.99	5.84514	9.27287	8.01284	5.9904		5.30E-01	0.03923	0.00015	0.01387	0.58295		6.69E-01	0.049513	0.000127	0.0081	7.26E-01		0.659038	0.042584	0.000104	0.008603	0.710329
2051	494361.06	3859551.99	5.826	9.37833	8.00547	5.70347		5.28E-01	0.03968	0.00015	0.01321	0.581		6.66E-01	0.050076	0.000127	0.007712	7.24E-01		0.65688	0.043069	0.000104	0.00819	0.708243
2052	494411.06	3859551.99	5.81333	9.47582	7.99638	5.26456		5.27E-01	0.04009	0.00015	0.01219	0.57925		6.65E-01	0.050596	0.000127	0.007118	7.23E-01		0.655451	0.043516	0.000104	0.00756	0.706631
2053	494461.06	3859551.99	5.78105	9.50104	7.93599	5.38536		5.24E-01	0.04019	0.00015	0.01247	0.57671		6.61E-01	0.050731	0.000126	0.007282	7.19E-01		0.651811	0.043632	0.000103	0.007734	0.70328
2054	494511.06	3859551.99	5.75339	9.50804	7.87857	5.20561		5.21E-01	0.04022	0.00015	0.01206	0.57381		6.58E-01	0.050768	0.000125	0.007039	7.16E-01		0.648693	0.043664	0.000102	0.007476	0.699935
2055	494561.06	3859551.99	5.71775	9.47759	7.80802	5.08898		5.18E-01	0.0401	0.00015	0.01179	0.57018		6.54E-01	0.050606	0.000124	0.006881	7.12E-01		0.644674	0.043525	0.000101	0.007308	0.695608
2056	494611.06	3859551.99	5.67691	9.43025	7.72973	5.05721		5.14E-01	0.03989	0.00014	0.01171	0.56621		6.49E-01	0.050353	0.000123	0.006838	7.07E-01		0.64007	0.043307	0.0001	0.007262	0.69074
2057	494661.06	3859551.99	5.63279	9.39686	7.64457	4.96749		5.10E-01	0.03975	0.00014	0.01151	0.56186		6.44E-01	0.050175	0.000121	0.006717	7.01E-01		0.635095	0.043154	9.92E-05	0.007134	0.685482
2058	494711.06	3859551.99	5.56576	9.2669	7.52645	4.53524		5.04E-01	0.0392	0.00014	0.0105	0.55423		6.37E-01	0.049481	0.00012	0.006132	6.92E-01		0.627538	0.042557	9.77E-05	0.006513	0.676705
2059	494761.06	3859551.99	5.53429	9.26358	7.48554	4.68332		5.02E-01	0.03919	0.00014	0.01085	0.55171		6.33E-01	0.049463	0.000119	0.006332	6.89E-01		0.623989	0.042542	9.72E-05	0.006725	0.673354
2060	494811.06	3859551.99	5.46267	9.15982	7.39114	4.3934		4.95E-01	0.03875	0.00014	0.01018	0.5441		6.25E-01	0.048909	0.000117	0.00594	6.80E-01		0.615914	0.042065	9.59E-05	0.006309	0.664385
2061	494861.06	3859551.99	5.41112	9.10494	7.35026	4.31412		4.90E-01	0.03852	0.00014	0.00999	0.53902		6.19E-01	0.048616	0.000117	0.005833	6.73E-01		0.610102	0.041813	9.54E-05	0.006195	0.658206
2062	494911.06	3859551.99	5.34995	9.00538	7.29481	4.19782		4.85E-01	0.0381	0.00014	0.00972	0.53278		6.12E-01	0.048084	0.000116	0.005676	6.66E-01		0.603205	0.041356	9.47E-05	0.006028	0.650684
2063	494961.06	3859551.99	5.30253	8.93215	7.25951	4.17709		4.81E-01	0.03779	0.00014	0.00967	0.52812		6.06E-01	0.047693	0.000115	0.005648	6.60E-01		0.597858	0.04102	9.42E-05	0.005999	0.644971
2064	495011.06	3859551.99	5.25597	8.8452	7.22683	4.17868		4.76E-01	0.03742	0.00014	0.00968	0.52354		6.01E-01	0.047229	0.000115	0.00565	6.54E-01		0.592609	0.04062	9.38E-05	0.006001	0.639324
2065	495061.06	3859551.99	5.19475	8.70286	7.16933	4.1075		4.71E-01	0.03682	0.00013	0.00951	0.51722		5.94E-01	0.046469	0.000114	0.005554	6.46E-01		0.585706	0.039967	9.31E-05	0.005899	0.631665
2066	495111.06	3859551.99	5.12858	8.60556	7.0934	3.99537		4.65E-01	0.03641	0.00013	0.00925	0.51056		5.87E-01	0.04595	0.000113	0.005402	6.38E-01		0.578246	0.03952	9.21E-05	0.005738	0.623595
2067	495161.06	3859551.99	5.09633	8.54616	7.05789	3.99925		4.62E-01	0.03615	0.00013	0.00926	0.50739		5.83E-01	0.045632	0.000112	0.005407	6.34E-01		0.574609	0.039247	9.16E-05	0.005743	0.619691
2068	495211.06	3859551.99	5.07036	8.51411	7.04164	4.03398		4.59E-01	0.03602	0.00013	0.00934	0.50498		5.80E-01	0.045461	0.000112	0.005454	6.31E-01		0.571681	0.0391	9.14E-05	0.005793	0.616666
2069	495261.06	3859551.99	5.03505	8.46912	6.98637	3.96229		4.56E-01	0.03583	0.00013	0.00918	0.50142		5.76E-01	0.045221	0.000111	0.005357	6.27E-01		0.5677	0.038893	9.07E-05	0.00569	0.612374
2070	495311.06	3859551.99	5.0078	8.42082	6.93808	3.92036		4.54E-01	0.03562	0.00013	0.00908	0.49865		5.73E-01	0.044963	0.00011	0.005301	6.23E-01		0.564628	0.038672	9.01E-05	0.00563	0.609019

2071	495361.06	3859551.99	4.98467	8.3638	6.89489	3.89976	4.52E-01	0.03538	0.00013	0.00903	0.49627	5.70E-01	0.044659	0.00011	0.005273	6.20E-01	0.56202	0.03841	8.95E-05	0.0056	0.606119
2072	495411.06	3859551.99	4.96533	8.29922	6.8567	3.89908	4.50E-01	0.03511	0.00013	0.00903	0.49424	5.68E-01	0.044314	0.000109	0.005272	6.18E-01	0.559839	0.038113	8.9E-05	0.005599	0.603641
2073	495461.06	3859551.99	4.91015	8.13874	6.76971	3.77809	4.45E-01	0.03443	0.00013	0.00875	0.48828	5.62E-01	0.043457	0.000108	0.005108	6.10E-01	0.553618	0.037376	8.79E-05	0.005426	0.596507
2074	495511.06	3859551.99	4.84876	7.99963	6.67305	3.64906	4.39E-01	0.03384	0.00012	0.00845	0.48182	5.55E-01	0.042714	0.000106	0.004934	6.02E-01	0.546696	0.036737	8.66E-05	0.00524	0.58876
2075	495561.06	3859551.99	4.81155	7.9595	6.60506	3.59384	4.36E-01	0.03367	0.00012	0.00832	0.47815	5.50E-01	0.0425	0.000105	0.004859	5.98E-01	0.542501	0.036553	8.57E-05	0.005161	0.5843
2076	495611.06	3859551.99	4.77193	7.90457	6.53134	3.53072	4.32E-01	0.03344	0.00012	0.00818	0.47418	5.46E-01	0.042207	0.000104	0.004774	5.93E-01	0.538033	0.036301	8.48E-05	0.00507	0.579489
2077	495661.06	3859551.99	4.72226	7.80375	6.43952	3.43594	4.28E-01	0.03301	0.00012	0.00796	0.46903	5.40E-01	0.041668	0.000102	0.004646	5.87E-01	0.532433	0.035838	8.36E-05	0.004934	0.573289
2078	494311.06	3859601.99	5.7824	8.88851	7.95596	6.36186	5.24E-01	0.0376	0.00015	0.01474	0.5765	6.61E-01	0.04746	0.000126	0.008602	7.18E-01	0.651964	0.040819	0.000103	0.009136	0.702022
2079	494361.06	3859601.99	5.84948	8.99376	8.02484	5.8852	5.30E-01	0.03805	0.00015	0.01363	0.58192	6.69E-01	0.048022	0.000128	0.007957	7.25E-01	0.659527	0.041303	0.000104	0.008451	0.709385
2080	494411.06	3859601.99	5.83928	9.07398	7.99655	5.65892	5.29E-01	0.03839	0.00015	0.01311	0.58081	6.68E-01	0.048451	0.000127	0.007651	7.24E-01	0.658377	0.041671	0.000104	0.008127	0.708278
2081	494461.06	3859601.99	5.78028	9.0614	7.92906	5.74431	5.24E-01	0.03833	0.00015	0.0133	0.57561	6.61E-01	0.048384	0.000126	0.007767	7.17E-01	0.651725	0.041613	0.000103	0.008249	0.70169
2082	494511.06	3859601.99	5.76072	9.15555	7.91963	5.45178	5.22E-01	0.03873	0.00015	0.01263	0.57356	6.59E-01	0.048886	0.000126	0.007371	7.15E-01	0.649519	0.042046	0.000103	0.007829	0.699497
2083	494561.06	3859601.99	5.71515	9.20406	7.85673	5.47491	5.18E-01	0.03894	0.00015	0.01268	0.56968	6.54E-01	0.049145	0.000125	0.007403	7.10E-01	0.644381	0.042268	0.000102	0.007862	0.694614
2084	494611.06	3859601.99	5.68114	9.2324	7.79449	5.44535	5.15E-01	0.03906	0.00015	0.01261	0.56665	6.50E-01	0.049297	0.000124	0.007363	7.07E-01	0.640547	0.042399	0.000101	0.00782	0.690866
2085	494661.06	3859601.99	5.6591	9.25167	7.74494	5.11187	5.13E-01	0.03914	0.00014	0.01184	0.56396	6.47E-01	0.049399	0.000123	0.006912	7.04E-01	0.638062	0.042487	0.000101	0.007341	0.68799
2086	494711.06	3859601.99	5.62562	9.23299	7.67387	4.86928	5.10E-01	0.03906	0.00014	0.01128	0.56029	6.43E-01	0.0493	0.000122	0.006584	6.99E-01	0.634287	0.042401	9.96E-05	0.006993	0.68378
2087	494761.06	3859601.99	5.58245	9.19685	7.59571	5.11309	5.06E-01	0.03891	0.00014	0.01184	0.55679	6.39E-01	0.049107	0.000121	0.006913	6.95E-01	0.629419	0.042235	9.86E-05	0.007343	0.679096
2088	494811.06	3859601.99	5.54119	9.15434	7.50991	4.80616	5.02E-01	0.03873	0.00014	0.01113	0.55215	6.34E-01	0.04888	0.000119	0.006498	6.89E-01	0.624767	0.04204	9.75E-05	0.006902	0.673807
2089	494861.06	3859601.99	5.49488	9.10398	7.4331	4.72783	4.98E-01	0.03851	0.00014	0.01095	0.54756	6.28E-01	0.048611	0.000118	0.006393	6.84E-01	0.619546	0.041809	9.65E-05	0.006789	0.668241
2090	494911.06	3859601.99	5.43984	8.99762	7.35386	4.51778	4.93E-01	0.03806	0.00014	0.01046	0.54164	6.22E-01	0.048043	0.000117	0.006109	6.76E-01	0.61334	0.04132	9.55E-05	0.006488	0.661244
2091	494961.06	3859601.99	5.41257	9.02385	7.33213	4.63577	4.90E-01	0.03818	0.00014	0.01074	0.53955	6.19E-01	0.048183	0.000117	0.006268	6.74E-01	0.610265	0.041441	9.52E-05	0.006657	0.658459
2092	495011.06	3859601.99	5.34964	8.93917	7.27921	4.42373	4.85E-01	0.03782	0.00014	0.01025	0.533	6.12E-01	0.047731	0.000116	0.005981	6.66E-01	0.60317	0.041052	9.45E-05	0.006353	0.650669
2093	495061.06	3859601.99	5.31007	8.92988	7.26188	4.47019	4.81E-01	0.03778	0.00014	0.01035	0.52948	6.07E-01	0.047681	0.000115	0.006044	6.61E-01	0.598709	0.041009	9.43E-05	0.006419	0.646232
2094	495111.06	3859601.99	5.24904	8.82679	7.20778	4.34117	4.76E-01	0.03734	0.00013	0.01005	0.52321	6.00E-01	0.047131	0.000115	0.00587	6.53E-01	0.591827	0.040536	9.36E-05	0.006234	0.638691
2095	495161.06	3859601.99	5.20018	8.75257	7.17651	4.35269	4.71E-01	0.03703	0.00013	0.01008	0.5185	5.95E-01	0.046735	0.000114	0.005885	6.48E-01	0.586319	0.040195	9.32E-05	0.006251	0.632857
2096	495211.06	3859601.99	5.14868	8.63863	7.13037	4.31177	4.67E-01	0.03655	0.00013	0.00999	0.51325	5.89E-01	0.046126	0.000113	0.00583	6.41E-01	0.580512	0.039672	9.26E-05	0.006192	0.626468
2097	495261.06	3859601.99	5.1147	8.56102	7.09426	4.29754	4.64E-01	0.03622	0.00013	0.00995	0.50981	5.85E-01	0.045712	0.000113	0.005811	6.37E-01	0.576681	0.039315	9.21E-05	0.006171	0.62226
2098	495311.06	3859601.99	5.08248	8.51222	7.06167	4.3	4.61E-01	0.03601	0.00013	0.00996	0.50669	5.81E-01	0.045451	0.000112	0.005814	6.33E-01	0.573048	0.039091	9.17E-05	0.006175	0.618406
2099	495361.06	3859601.99	5.05906	8.42518	7.01904	4.24756	4.58E-01	0.03564	0.00013	0.00984	0.50407	5.79E-01	0.044986	0.000112	0.005743	6.29E-01	0.570407	0.038692	9.11E-05	0.0061	0.61529
2100	495411.06	3859601.99	5.04182	8.40657	6.9863	4.23879	4.57E-01	0.03556	0.00013	0.00982	0.50241	5.77E-01	0.044887	0.000111	0.005731	6.27E-01	0.568463	0.038606	9.07E-05	0.006087	0.613247
2101	495461.06	3859601.99	4.9897	8.32425	6.90874	4.0735	4.52E-01	0.03522	0.00013	0.00943	0.49696	5.71E-01	0.044448	0.00011	0.005508	6.21E-01	0.562587	0.038228	8.97E-05	0.00585	0.606754
2102	495511.06	3859601.99	4.93712	8.22268	6.82807	3.93394	4.47E-01	0.03479	0.00013	0.00911	0.49144	5.65E-01	0.043905	0.000109	0.005319	6.14E-01	0.556659	0.037762	8.86E-05	0.005649	0.600158
2103	495561.06	3859601.99	4.92298	8.18743	6.79754	3.95544	4.46E-01	0.03464	0.00013	0.00916	0.49006	5.63E-01	0.043717	0.000108	0.005348	6.12E-01	0.555064	0.0376	8.82E-05	0.00568	0.598432
2104	495611.06	3859601.99	4.85616	8.01967	6.69522	3.78325	4.40E-01	0.03393	0.00013	0.00876	0.48289	5.55E-01	0.042821	0.000106	0.005115	6.03E-01	0.54753	0.036829	8.69E-05	0.005433	0.58988
2105	495661.06	3859601.99	4.8282	7.92338	6.64513	3.76137	4.38E-01	0.03352	0.00012	0.00871	0.4799	5.52E-01	0.042307	0.000106	0.005086	6.00E-01	0.544378	0.036387	8.63E-05	0.005402	0.586253
2106	494311.06	3859651.99	5.71138	8.89477	7.9213	6.55807	5.18E-01	0.03763	0.00015	0.01519	0.57054	6.53E-01	0.047494	0.000126	0.008867	7.10E-01	0.643956	0.040848	0.000103	0.009418	0.694325
2107	494361.06	3859651.99	5.82444	8.83081	8.05751	6.14671	5.28E-01	0.03736	0.00015	0.01424	0.57957	6.66E-01	0.047152	0.000128	0.008311	7.22E-01	0.656704	0.040554	0.000105	0.008827	0.70619
2108	494411.06	3859651.99	5.81173	8.73411	8.00678	6.0312	5.27E-01	0.03695	0.00015	0.01397	0.57774	6.65E-01	0.046636	0.000127	0.008155	7.20E-01	0.655271	0.04011	0.000104	0.008661	0.704146
2109	494461.06	3859651.99	5.75479	8.70053	7.90253	6.10734	5.22E-01	0.03681	0.00015	0.01415	0.57261	6.58E-01	0.046457	0.000126	0.008258	7.13E-01	0.648851	0.039956	0.000103	0.00877	0.69768
2110	494511.06	3859651.99	5.73947	8.72264	7.87608	5.96219	5.20E-01	0.0369	0.00015	0.01381	0.57098	6.56E-01	0.046575	0.000125	0.008062	7.11E-01	0.647123	0.040058	0.000102	0.008562	0.695845
2111	494561.06	3859651.99	5.70187	8.7666	7.82047	5.89098	5.17E-01	0.03709	0.00015	0.01364	0.56759	6.52E-01	0.046809	0.000124	0.007965	7.07E-01	0.642884	0.040259	0.000102	0.00846	0.691705
2112	494611.06	3859651.99	5.66417	8.7911	7.77415	5.80225	5.13E-01	0.03719	0.00015	0.01344	0.56407	6.48E-01	0.04694	0.000124	0.007845	7.03E-01	0.638633	0.040372	0.000101	0.008332	0.687438
2113	494661.06	3859651.99	5.66022	8.8776	7.78409	5.41047	5.13E-01	0.03756	0.00015	0.01253	0.56318	6.47E-01	0.047402	0.000124	0.007316	7.02E-01	0.638188	0.040769	0.000101	0.00777	0.686828
2114	494711.06	3859651.99	5.6252	8.9434	7.73158	5.34384	5.10E-01	0.03784	0.00014	0.01238	0.56012	6.43E-01	0.047753	0.000123	0.007225	6.99E-01	0.634239	0.041071	0.0001	0.007674	0.683085
2115	494761.06	3859651.99	5.59758	8.99437	7.67473	5.35435	5.07E-01	0.03805	0.00014	0.0124	0.55786	6.40E-01	0.048026	0.000122	0.00724	6.96E-01	0.631125	0.041305	9.96E-05	0.007689	0.680219
2116	494811.06	3859651.99	5.57259	9.02361	7.62011	5.18008	5.05E-01	0.03817	0.00014	0.012	0.55531	6.37E-01	0.048182	0.000121	0.007004	6.93E-01	0.628308	0.04144	9.89E-05	0.007439	0.677285
2117	494861.06	3859651.99	5.53361	9.01365	7.54591	5.13491	5.01E-01	0.03813	0.00014	0.01189	0.55163	6.33E-01	0.048129	0.00012	0.006943	6.88E-01	0.623913	0.041394	9.79E-05	0.007374	0.672779
2118	494911.06	3859651.99	5.4969	8.98176	7.46847	5.02578	4.98E-01	0.038	0.00014	0.01164	0.54792	6.29E-01	0.047958	0.000119	0.006795	6.84E-01	0.619774	0.041248	9.69E-05	0.007217	0.668335
2119	494961.06	3859651.99	5.46286	8.9448	7.38164	4.9608	4.95E-01	0.03784	0.00014	0.01149	0.54453	6.25E-01	0.047761	0.000117	0.006708	6.79E-01	0.615936	0.041078	9.58E-05	0.007124	0.664233
2120	495011.06	3859651.99	5.42465	8.91131	7.31918	4.86763	4.92E-01	0.0377	0.00014	0.01127	0.5407	6.20E-01	0.047582	0.000116	0.006582	6.75E-01	0.611627	0.040924	9.5E-05	0.00699	0.659637
2121	495061.06	3859651.99	5.38412	8.85453	7.26636	4.85742	4.88E-01	0.03746	0.00014	0.01125	0.53677	6.16E-01	0.047279	0.000115	0.006568	6.70E-01	0.607058	0.040663	9.43E-05	0.006976	0.654791
2122	495111.06	3859651.99	5.33914	8.82454	7.24597	4.75924	4.84E-01	0.03733	0.00014	0.01102	0.53234	6.11E-01	0.047119	0.000115	0.006435	6.64E-01	0.601986	0.040526	9.41E-05	0.006835	0.64944
2123	495161.06	3859651.99	5.29203	8.81206	7.22157	4.71528	4.80E-01	0.03728	0.00014	0.01092	0.52791	6.05E-01	0.047052	0.000115	0.006376	6.59E-01	0.596675	0.040468	9.37E-05	0.006771	0.644008
2124	495211.06	3859651.99	5.24249	8.7842	7.19416	4.70157	4.75E-01	0.03716	0.00013	0.01089	0.52327	6.00E-01	0.046903	0.000114	0.006357	6.53E-01	0.591089	0.04034	9.34E-05	0.006752	0.638274
2125	495261.06	3859651.99	5.18919	8.72688	7.15882	4.64487	4.70E-01	0.03692	0.00013	0.01076	0.51807	5.94E-01	0.046597	0.000114	0.00628	6.47E-01	0.585079	0.040077	9.29E-05	0.00667	0.63192
2126	495311.06	3859651.99	5.13892	8.6541	7.12044	4.61064	4.66E-01	0.03661	0.00013	0.01068	0.51312	5.88E-01	0.046209	0.000113	0.006234	6.40E-01	0.579411	0.039743	9.24E-05	0.006621	0.625868
2127	495361.06	3859651.99	5.10572	8.56311	7.08816	4.58634	4.63E-01	0.03623	0.00013	0.01062	0.50967	5.84E-01	0.045723	0.000113	0.006201	6.36E-01	0.575668	0.039325	9.2E-05	0.006586	0.621671
2128	495411.06	3859651.99	5.07117	8.4462	7.05164	4.53485	4.60E-01	0.03573	0.00013	0.0105	0.50593	5.80E-01	0.045099	0.000112	0.006132	6.31E-01	0.571773	0.038788	9.15E-05	0.006512	0.617165
2129	495461.06	3859651.99	5.03696	8.3617	6.99301	4.37892	4.56E-01	0.03537	0.00013	0.01014	0.50211	5.76E-01	0.044647	0.000111	0.005921	6.27E-01	0.567916	0.0384	9.08E-05	0.006288	0.612695
2130	495511.06	3859651.99	5.00153	8.26716	6.93762	4.25473	4.53E-01	0.03497	0.00013	0.00985	0.49821	5.72E-01	0.044143	0.00011	0.005753	6.22E-01	0.563921	0.037966	9.01E-05	0.00611	0.608087
2131	495561.06	3859651.99	4.98145	8.20629	6.90202	4.23066	4.51E-01	0.03472	0.00013	0.0098	0.49607	5.70E-01	0.043818	0.00011	0.00572	6.19E-01	0.561657	0.037686	8.96E-05	0.006075	0.605508

2132	495611.06	3859651.99	4.94991	8.17656	6.85131	4.15783		4.49E-01	0.03459	0.00013	0.00963	0.49292		5.66E-01	0.043659	0.000109	0.005622	6.16E-01		0.558101	0.03755	8.89E-05	0.005971	0.60171							
2133	495661.06	3859651.99	4.91192	8.1231	6.79104	4.06613		4.45E-01	0.03436	0.00013	0.00942	0.48904		5.62E-01	0.043373	0.000108	0.005498	6.11E-01		0.553817	0.037304	8.82E-05	0.005839	0.597049							
2134	494311.06	3859701.99	5.76972	9.3575	8.0339	6.47554		5.23E-01	0.03959	0.00015	0.015	0.5776		6.60E-01	0.049965	0.000128	0.008756	7.19E-01		0.650534	0.042973	0.000104	0.009299	0.702911							
2135	494361.06	3859701.99	5.78571	9.15798	8.05535	6.32204		5.24E-01	0.03874	0.00015	0.01464	0.57785		6.62E-01	0.048899	0.000128	0.008548	7.19E-01		0.652337	0.042057	0.000105	0.009079	0.703577							
2136	494411.06	3859701.99	5.75355	8.9403	7.99771	6.28593		5.21E-01	0.03782	0.00015	0.01456	0.57393		6.58E-01	0.047737	0.000127	0.008499	7.14E-01		0.648711	0.041057	0.000104	0.009027	0.698899							
2137	494461.06	3859701.99	5.65378	8.69356	7.82933	6.43793		5.12E-01	0.03678	0.00015	0.01491	0.56419		6.47E-01	0.046419	0.000124	0.008705	7.02E-01		0.637462	0.039924	0.000102	0.009245	0.686733							
2138	494511.06	3859701.99	5.66155	8.55012	7.80343	6.33158		5.13E-01	0.03617	0.00015	0.01467	0.56404		6.48E-01	0.045654	0.000124	0.008561	7.02E-01		0.638338	0.039265	0.000101	0.009092	0.686797							
2139	494561.06	3859701.99	5.63254	8.41799	7.75087	6.278		5.10E-01	0.03561	0.00015	0.01454	0.56073		6.44E-01	0.044948	0.000123	0.008489	6.98E-01		0.635067	0.038659	0.000101	0.009016	0.682842							
2140	494611.06	3859701.99	5.60385	8.42141	7.71389	6.20557		5.08E-01	0.03563	0.00014	0.01437	0.55798		6.41E-01	0.044966	0.000123	0.008391	6.94E-01		0.631832	0.038674	0.0001	0.008912	0.679518							
2141	494661.06	3859701.99	5.66838	8.51036	7.77545	5.79325		5.14E-01	0.036	0.00015	0.01342	0.56325		6.48E-01	0.045441	0.000124	0.007833	7.02E-01		0.639108	0.039083	0.000101	0.008319	0.686611							
2142	494711.06	3859701.99	5.61255	8.53807	7.69745	5.80466		5.09E-01	0.03612	0.00014	0.01344	0.55833		6.42E-01	0.045589	0.000122	0.007849	6.96E-01		0.632813	0.03921	9.99E-05	0.008336	0.680459							
2143	494761.06	3859701.99	5.59136	8.58841	7.67978	5.63774		5.07E-01	0.03633	0.00014	0.01306	0.55624		6.40E-01	0.045858	0.000122	0.007623	6.93E-01		0.630424	0.039441	9.97E-05	0.008096	0.678061							
2144	494811.06	3859701.99	5.56801	8.63165	7.65503	5.46941		5.05E-01	0.03652	0.00014	0.01267	0.55391		6.37E-01	0.046089	0.000122	0.007395	6.90E-01		0.627791	0.03964	9.94E-05	0.007854	0.675385							
2145	494861.06	3859701.99	5.51932	8.68246	7.57995	5.52281		5.00E-01	0.03673	0.00014	0.01279	0.54984		6.31E-01	0.04636	0.00012	0.007467	6.85E-01		0.622301	0.039873	9.84E-05	0.007931	0.670204							
2146	494911.06	3859701.99	5.49697	8.74038	7.5321	5.41515		4.98E-01	0.03698	0.00014	0.01254	0.54781		6.29E-01	0.046669	0.00012	0.007322	6.83E-01		0.619781	0.040139	9.78E-05	0.007776	0.667795							
2147	494961.06	3859701.99	5.46978	8.77356	7.474	5.31208		4.96E-01	0.03712	0.00014	0.0123	0.54524		6.26E-01	0.046847	0.000119	0.007183	6.80E-01		0.616716	0.040291	9.7E-05	0.007628	0.664733							
2148	495011.06	3859701.99	5.43941	8.76909	7.39445	5.28714		4.93E-01	0.0371	0.00014	0.01225	0.54241		6.22E-01	0.046823	0.000118	0.007149	6.76E-01		0.613292	0.040271	9.6E-05	0.007593	0.661251							
2149	495061.06	3859701.99	5.40913	8.75028	7.31665	5.20994		4.90E-01	0.03702	0.00014	0.01207	0.53941		6.19E-01	0.046722	0.000116	0.007044	6.73E-01		0.609878	0.040185	9.5E-05	0.007482	0.657639							
2150	495111.06	3859701.99	5.37543	8.71615	7.24091	5.13245		4.87E-01	0.03687	0.00014	0.01189	0.53603		6.15E-01	0.04654	0.000115	0.00694	6.68E-01		0.606078	0.040028	9.4E-05	0.00737	0.65357							
2151	495161.06	3859701.99	5.33971	8.70021	7.18805	5.0531		4.84E-01	0.03681	0.00013	0.0117	0.53254		6.11E-01	0.046455	0.000114	0.006832	6.64E-01		0.60205	0.039955	9.33E-05	0.007257	0.649355							
2152	495211.06	3859701.99	5.30078	8.65947	7.16739	4.96285		4.80E-01	0.03663	0.00013	0.01149	0.52863		6.06E-01	0.046237	0.000114	0.00671	6.59E-01		0.597661	0.039768	9.3E-05	0.007127	0.644649							
2153	495261.06	3859701.99	5.25047	8.61676	7.14683	5.00525		4.76E-01	0.03645	0.00013	0.01159	0.52399		6.01E-01	0.046009	0.000114	0.006768	6.53E-01		0.591989	0.039571	9.28E-05	0.007188	0.638841							
2154	495311.06	3859701.99	5.20486	8.61757	7.12757	4.9267		4.72E-01	0.03646	0.00013	0.01141	0.51968		5.95E-01	0.046014	0.000113	0.006661	6.48E-01		0.586846	0.039575	9.25E-05	0.007075	0.633589							
2155	495361.06	3859701.99	5.15521	8.5973	7.10141	4.8589		4.67E-01	0.03637	0.00013	0.01125	0.51493		5.90E-01	0.045905	0.000113	0.00657	6.42E-01		0.581248	0.039482	9.22E-05	0.006978	0.6278							
2156	495411.06	3859701.99	5.10569	8.54991	7.0684	4.73562		4.63E-01	0.03617	0.00013	0.01097	0.50996		5.84E-01	0.045652	0.000112	0.006403	6.36E-01		0.575665	0.039264	9.18E-05	0.006801	0.621822							
2157	495461.06	3859701.99	5.06896	8.48447	7.03263	4.65412		4.59E-01	0.03589	0.00013	0.01078	0.50616		5.80E-01	0.045303	0.000112	0.006293	6.31E-01		0.571524	0.038964	9.13E-05	0.006684	0.617262							
2158	495511.06	3859701.99	5.0254	8.36734	6.98281	4.44826		4.55E-01	0.0354	0.00013	0.0103	0.50124		5.75E-01	0.044678	0.000111	0.006015	6.26E-01		0.566612	0.038426	9.06E-05	0.006388	0.611517							
2159	495561.06	3859701.99	5.00946	8.29385	6.96348	4.52291		4.54E-01	0.03509	0.00013	0.01048	0.49966		5.73E-01	0.044285	0.000111	0.006115	6.23E-01		0.564815	0.038088	9.04E-05	0.006495	0.609489							
2160	495611.06	3859701.99	4.9891	8.20431	6.92152	4.4608		4.52E-01	0.03471	0.00013	0.01033	0.49729		5.71E-01	0.043807	0.00011	0.006031	6.21E-01		0.562519	0.037677	8.98E-05	0.006406	0.606692							
2161	495661.06	3859701.99	4.96378	8.14394	6.87943	4.38221		4.50E-01	0.03445	0.00013	0.01015	0.49456		5.68E-01	0.043485	0.000109	0.005925	6.17E-01		0.559664	0.0374	8.93E-05	0.006293	0.603447							
2162	494311.06	3859751.99	5.63815	9.50462	7.74354	6.94906		5.11E-01	0.04021	0.00014	0.0161	0.56739		6.45E-01	0.05075	0.000123	0.009396	7.05E-01		0.635699	0.043649	0.000101	0.009979	0.689428							
2163	494361.06	3859751.99	5.61174	9.3899	7.77637	6.79964		5.09E-01	0.03972	0.00015	0.01575	0.56417		6.42E-01	0.050138	0.000124	0.009194	7.01E-01		0.632722	0.043122	0.000101	0.009765	0.685709							
2164	494411.06	3859751.99	5.62246	9.2707	7.84103	6.6171		5.10E-01	0.03922	0.00015	0.01533	0.56421		6.43E-01	0.049501	0.000125	0.008947	7.02E-01		0.63393	0.042574	0.000102	0.009503	0.686109							
2165	494461.06	3859751.99	5.51105	8.97964	7.68106	6.69211		4.99E-01	0.03799	0.00014	0.0155	0.55306		6.30E-01	0.047947	0.000122	0.009048	6.87E-01		0.621369	0.041238	9.97E-05	0.00961	0.672317							
2166	494511.06	3859751.99	5.44944	8.72009	7.58133	6.71267		4.94E-01	0.03689	0.00014	0.01555	0.54642		6.23E-01	0.046561	0.00012	0.009076	6.79E-01		0.614422	0.040046	9.84E-05	0.00964	0.664207							
2167	494561.06	3859751.99	5.46842	8.56491	7.57194	6.61877		4.96E-01	0.03623	0.00014	0.01533	0.54727		6.25E-01	0.045733	0.00012	0.008949	6.80E-01		0.616562	0.039333	9.83E-05	0.009505	0.665499							
2168	494611.06	3859751.99	5.51081	8.43807	7.60912	6.4675		4.99E-01	0.0357	0.00014	0.01498	0.55022		6.30E-01	0.045055	0.000121	0.008745	6.84E-01		0.621342	0.038751	9.88E-05	0.009288	0.669479							
2169	494661.06	3859751.99	5.59563	8.35671	7.69732	6.16828		5.07E-01	0.03535	0.00014	0.01429	0.55687		6.40E-01	0.044621	0.000122	0.00834	6.93E-01		0.630905	0.038377	9.99E-05	0.008858	0.67824							
2170	494711.06	3859751.99	5.5473	8.20491	7.63653	6.19839		5.03E-01	0.03471	0.00014	0.01436	0.55192		6.34E-01	0.04381	0.000121	0.008381	6.87E-01		0.625456	0.03768	9.91E-05	0.008901	0.672137							
2171	494761.06	3859751.99	5.51404	8.19879	7.58904	6.13848		5.00E-01	0.03469	0.00014	0.01422	0.54874		6.31E-01	0.043778	0.000121	0.0083	6.83E-01		0.621706	0.037652	9.85E-05	0.008815	0.668272							
2172	494811.06	3859751.99	5.51042	8.20856	7.56938	5.99487		4.99E-01	0.03473	0.00014	0.01389	0.54812		6.30E-01	0.04383	0.00012	0.008106	6.82E-01		0.621298	0.037697	9.83E-05	0.008609	0.667702							
2173	494861.06	3859751.99	5.47808	8.25608	7.51463	5.90735		4.96E-01	0.03493	0.00014	0.01368	0.54519		6.27E-01	0.044084	0.000119	0.007987	6.79E-01		0.617652	0.037915	9.75E-05	0.008483	0.664147							
2174	494911.06	3859751.99	5.44747	8.29284	7.47745	5.81777		4.94E-01	0.03508	0.00014	0.01348	0.54236		6.23E-01	0.04428	0.000119	0.007866	6.75E-01		0.6142	0.038084	9.71E-05	0.008355	0.660736							
2175	494961.06	3859751.99	5.41243	8.31456	7.43835	5.75417		4.90E-01	0.03517	0.00014	0.01333	0.53913		6.19E-01	0.044396	0.000118	0.00778	6.71E-01		0.61025	0.038184	9.66E-05	0.008263	0.656793							
2176	495011.06	3859751.99	5.39705	8.39649	7.39746	5.67137		4.89E-01	0.03552	0.00014	0.01314	0.53789		6.17E-01	0.044833	0.000118	0.007668	6.70E-01		0.608516	0.03856	9.6E-05	0.008144	0.655316							
2177	495061.06	3859751.99	5.37032	8.43987	7.32928	5.63998		4.87E-01	0.0357	0.00014	0.01306	0.53558		6.14E-01	0.045065	0.000116	0.007626	6.67E-01		0.605502	0.038759	9.51E-05	0.008099	0.652455							
2178	495111.06	3859751.99	5.35048	8.48002	7.27276	5.55728		4.85E-01	0.03587	0.00014	0.01287	0.53375		6.12E-01	0.045279	0.000116	0.007514	6.65E-01		0.603265	0.038943	9.44E-05	0.007981	0.650283							
2179	495161.06	3859751.99	5.32987	8.50356	7.2142	5.45263		4.83E-01	0.03597	0.00014	0.01263	0.53174		6.10E-01	0.045405	0.000115	0.007373	6.63E-01		0.600941	0.039052	9.36E-05	0.00783	0.647916							
2180	495211.06	3859751.99	5.30711	8.50731	7.14896	5.34413		4.81E-01	0.03599	0.00013	0.01238	0.52944		6.07E-01	0.045425	0.000114	0.007226	6.60E-01		0.598375	0.039069	9.28E-05	0.007674	0.645211							
2181	495261.06	3859751.99	5.26894	8.47042	7.08171	5.31689		4.77E-01	0.03583	0.00013	0.01231	0.52576		6.03E-01	0.045228	0.000113	0.007189	6.55E-01		0.594071	0.038899	9.19E-05	0.007635	0.640698							
2182	495311.06	3859751.99	5.2347	8.46517	7.06887	5.24233		4.74E-01	0.03581	0.00013	0.01214	0.52247		5.99E-01	0.0452	0.000112	0.007088	6.51E-01		0.590211	0.038875	9.18E-05	0.007528	0.636706							
2183	495361.06	3859751.99	5.19481	8.43857	7.05429	5.18095		4.71E-01	0.0357	0.00013	0.012	0.5186		5.94E-01	0.045058	0.000112	0.007005	6.46E-01		0.585713	0.038753	9.16E-05	0.00744	0.631998							
2184	495411.06	3859751.99	5.15085	8.39162	7.03508	5.12147		4.67E-01	0.0355	0.00013	0.01186	0.51428		5.89E-01	0.044807	0.000112	0.006925	6.41E-01		0.580757	0.038537	9.13E-05	0.007355	0.62674							
2185	495461.06	3859751.99	5.11423	8.40207	7.02508	4.99198		4.63E-01	0.03555	0.00013	0.01156	0.5107		5.85E-01	0.044863	0.000112	0.00675	6.37E-01		0.576628	0.038585	9.12E-05	0.007169	0.622473							
2186	495511.06	3859751.99	5.07108	8.39328	7.00435	4.85899		4.60E-01	0.03551	0.00013	0.01125	0.50645		5.80E-01	0.044816	0.000111	0.00657	6.32E-01		0.571763	0.038545	9.09E-05	0.006978	0.617376							
2187	495561.06	3859751.99	5.02966	8.36431	6.97293	4.79166		4.56E-01	0.03539	0.00013	0.0111	0.50241		5.75E-01	0.044661	0.000111	0.006479	6.27E-01		0.567092	0.038412	9.05E-05	0.006881	0.612476							
2188	495611.06	3859751.99	4.99939	8.31488	6.94925	4.72692		4.53E-01	0.03518	0.00013	0.01095	0.49931		5.72E-01	0.044397	0.00011	0.006391	6.23E-01		0.56368	0.038185	9.02E-05	0.006788	0.608743							
2189	495661.06	3859751.99	4.97718	8.2506	6.92193	4.7043		4.51E-01	0.0349	0.00013	0.0109	0.49697		5.69E-01	0.044054	0.00011	0.006361	6.20E-01		0.561175	0.03789	8.98E-05	0.006756	0.605911							
2190	494311.06	3859801.99	5.42159	9.43697	7.37891	7.42021		4.91E-01	0.03992	0.00014	0.01719	0.54856		6.20E-01	0.050389	0.000117	0.010033	6.81E-01		0.611282	0.043338	9.58E-05	0.010656	0.665372							
2191	494361.06	3859801.99	5.48021	9.36172	7.45643	7.20464		4.97E-01	0.0396	0.00014	0.01669	0.55306		6.27E-01	0.049987	0.000119	0.009741	6.87E-01		0.617892	0.042992	9.68E-05	0.010346	0.671327							
2192	494411.06	3859801.99	5.54672	9.35762	7.60578	6.96786		5.03E-01	0.03959	0.00014	0.01614	0.55852		6.34E-01	0.049965	0.000121	0.009421	6.94E-01		0.625391	0.042974	9.87E-05	0.010006	0.678469							

2193	494461.06	3859801.99	5.37001	9.13895	7.4665	6.96555	4.87E-01	0.03866	0.00014	0.01613	0.54158	6.14E-01	0.048798	0.000119	0.009418	6.73E-01	0.605467	0.041969	9.69E-05	0.010003	0.657536
2194	494511.06	3859801.99	5.23479	8.98333	7.29678	7.0122	4.74E-01	0.038	0.00014	0.01624	0.52877	5.99E-01	0.047967	0.000116	0.009481	6.56E-01	0.590221	0.041255	9.47E-05	0.01007	0.64164
2195	494561.06	3859801.99	5.24823	8.85579	7.30537	6.9347	4.76E-01	0.03746	0.00014	0.01606	0.52927	6.00E-01	0.047286	0.000116	0.009376	6.57E-01	0.591736	0.040669	9.48E-05	0.009959	0.642459
2196	494611.06	3859801.99	5.38399	8.71814	7.49399	6.69209	4.88E-01	0.03688	0.00014	0.0155	0.54043	6.16E-01	0.046551	0.000119	0.009048	6.72E-01	0.607043	0.040037	9.73E-05	0.00961	0.656787
2197	494661.06	3859801.99	5.41733	8.54481	7.50848	6.58309	4.91E-01	0.03615	0.00014	0.01525	0.54247	6.20E-01	0.045625	0.000119	0.008901	6.74E-01	0.610802	0.039241	9.75E-05	0.009454	0.659594
2198	494711.06	3859801.99	5.46665	8.41147	7.555	6.42701	4.95E-01	0.03558	0.00014	0.01489	0.54601	6.25E-01	0.044913	0.00012	0.00869	6.79E-01	0.616363	0.038629	9.81E-05	0.00923	0.664319
2199	494761.06	3859801.99	5.36128	8.1855	7.40426	6.49979	4.86E-01	0.03463	0.00014	0.01505	0.53567	6.13E-01	0.043707	0.000118	0.008788	6.66E-01	0.604482	0.037591	9.61E-05	0.009334	0.651503
2200	494811.06	3859801.99	5.37326	8.07171	7.41318	6.38436	4.87E-01	0.03415	0.00014	0.01479	0.53601	6.15E-01	0.043099	0.000118	0.008632	6.66E-01	0.605833	0.037068	9.62E-05	0.009168	0.652166
2201	494861.06	3859801.99	5.34032	7.93038	7.37591	6.32082	4.84E-01	0.03355	0.00014	0.01464	0.53228	6.11E-01	0.042344	0.000117	0.008546	6.62E-01	0.602119	0.036419	9.57E-05	0.009077	0.647711
2202	494911.06	3859801.99	5.35935	7.94538	7.39725	6.17882	4.86E-01	0.03361	0.00014	0.01431	0.53374	6.13E-01	0.042425	0.000118	0.008354	6.64E-01	0.604265	0.036488	9.6E-05	0.008873	0.649722
2203	494961.06	3859801.99	5.34181	7.94431	7.35913	6.08761	4.84E-01	0.03361	0.00014	0.0141	0.53193	6.11E-01	0.042419	0.000117	0.008231	6.62E-01	0.602287	0.036483	9.55E-05	0.008742	0.647608
2204	495011.06	3859801.99	5.32677	7.97655	7.31657	5.98653	4.83E-01	0.03374	0.00014	0.01387	0.53047	6.09E-01	0.042591	0.000116	0.008094	6.60E-01	0.600591	0.036631	9.5E-05	0.008597	0.645915
2205	495061.06	3859801.99	5.2979	8.00713	7.26909	5.94335	4.80E-01	0.03387	0.00014	0.01377	0.52788	6.06E-01	0.042754	0.000116	0.008036	6.57E-01	0.597336	0.036772	9.44E-05	0.008535	0.642737
2206	495111.06	3859801.99	5.29647	8.04776	7.25454	5.83783	4.80E-01	0.03405	0.00014	0.01352	0.52768	6.06E-01	0.042971	0.000115	0.007893	6.57E-01	0.597175	0.036958	9.42E-05	0.008383	0.642611
2207	495161.06	3859801.99	5.29039	8.12952	7.22384	5.74137	4.79E-01	0.03439	0.00014	0.0133	0.52725	6.05E-01	0.043408	0.000115	0.007763	6.56E-01	0.59649	0.037334	9.38E-05	0.008245	0.642162
2208	495211.06	3859801.99	5.26582	8.18277	7.16087	5.69099	4.77E-01	0.03462	0.00013	0.01318	0.52513	6.02E-01	0.043692	0.000114	0.007695	6.54E-01	0.593719	0.037578	9.3E-05	0.008173	0.639563
2209	495261.06	3859801.99	5.25298	8.23869	7.11658	5.58288	4.76E-01	0.03485	0.00013	0.01293	0.52395	6.01E-01	0.043991	0.000113	0.007549	6.52E-01	0.592272	0.037835	9.24E-05	0.008017	0.638217
2210	495311.06	3859801.99	5.21868	8.24949	7.03586	5.54204	4.73E-01	0.0349	0.00013	0.01284	0.5208	5.97E-01	0.044048	0.000112	0.007493	6.49E-01	0.588404	0.037885	9.13E-05	0.007959	0.634339
2211	495361.06	3859801.99	5.19351	8.25905	6.96922	5.46821	4.71E-01	0.03494	0.00013	0.01267	0.51838	5.94E-01	0.044099	0.000111	0.007394	6.46E-01	0.585566	0.037929	9.05E-05	0.007853	0.631438
2212	495411.06	3859801.99	5.17135	8.25633	6.96486	5.36523	4.69E-01	0.03493	0.00013	0.01243	0.51612	5.91E-01	0.044085	0.000111	0.007254	6.43E-01	0.583068	0.037916	9.04E-05	0.007705	0.628779
2213	495461.06	3859801.99	5.13716	8.24421	6.95828	5.299	4.66E-01	0.03488	0.00013	0.01227	0.51282	5.88E-01	0.04402	0.000111	0.007165	6.39E-01	0.579213	0.03786	9.03E-05	0.00761	0.624773
2214	495511.06	3859801.99	5.1117	8.24663	6.95861	5.15886	4.63E-01	0.03489	0.00013	0.01195	0.5102	5.85E-01	0.044033	0.000111	0.006975	6.36E-01	0.576342	0.037872	9.03E-05	0.007408	0.621713
2215	495561.06	3859801.99	5.06517	8.20754	6.93603	5.1138	4.59E-01	0.03472	0.00013	0.01184	0.50571	5.79E-01	0.043824	0.00011	0.006914	6.30E-01	0.571096	0.037692	9E-05	0.007344	0.616222
2216	495611.06	3859801.99	5.00548	8.17717	6.90671	5.12699	4.54E-01	0.03459	0.00013	0.01188	0.50021	5.73E-01	0.043662	0.00011	0.006932	6.23E-01	0.564366	0.037553	8.97E-05	0.007363	0.609371
2217	495661.06	3859801.99	4.97614	8.18878	6.89427	5.00468	4.51E-01	0.03464	0.00013	0.01159	0.49731	5.69E-01	0.043724	0.00011	0.006767	6.20E-01	0.561058	0.037606	8.95E-05	0.007187	0.60594
2218	494311.06	3859851.99	5.27577	9.1592	7.18119	7.76256	4.78E-01	0.03875	0.00013	0.01798	0.53496	6.03E-01	0.048906	0.000114	0.010496	6.63E-01	0.594841	0.042062	9.32E-05	0.011147	0.648144
2219	494361.06	3859851.99	5.30134	9.20717	7.19893	7.60303	4.80E-01	0.03895	0.00013	0.01761	0.53711	6.06E-01	0.049162	0.000114	0.01028	6.66E-01	0.597724	0.042283	9.34E-05	0.010918	0.651019
2220	494411.06	3859851.99	5.3428	9.25775	7.26956	7.41448	4.84E-01	0.03917	0.00014	0.01717	0.54065	6.11E-01	0.049432	0.000116	0.010025	6.71E-01	0.602399	0.042515	9.44E-05	0.010648	0.655656
2221	494461.06	3859851.99	5.32407	9.23271	7.2685	7.2703	4.82E-01	0.03906	0.00014	0.01684	0.53851	6.09E-01	0.049298	0.000116	0.00983	6.68E-01	0.600287	0.0424	9.43E-05	0.010441	0.653222
2222	494511.06	3859851.99	5.19002	9.06716	7.16768	7.21902	4.70E-01	0.03836	0.00013	0.01672	0.52554	5.94E-01	0.048414	0.000114	0.009761	6.52E-01	0.585173	0.04164	9.3E-05	0.010367	0.637273
2223	494561.06	3859851.99	5.05148	8.83937	7.04149	7.19255	4.58E-01	0.0374	0.00013	0.01666	0.51196	5.78E-01	0.047198	0.000112	0.009725	6.35E-01	0.569553	0.040594	9.14E-05	0.010329	0.620567
2224	494611.06	3859851.99	5.20306	8.84039	7.25527	6.93253	4.72E-01	0.0374	0.00014	0.01606	0.5251	5.95E-01	0.047203	0.000115	0.009374	6.52E-01	0.586643	0.040598	9.42E-05	0.009955	0.637291
2225	494661.06	3859851.99	5.1609	8.7797	7.18589	6.93123	4.68E-01	0.03714	0.00013	0.01605	0.52102	5.90E-01	0.046879	0.000114	0.009372	6.47E-01	0.58189	0.04032	9.33E-05	0.009954	0.632256
2226	494711.06	3859851.99	5.24983	8.62653	7.31353	6.75738	4.76E-01	0.03649	0.00014	0.01565	0.52803	6.00E-01	0.046062	0.000116	0.009137	6.56E-01	0.591917	0.039616	9.49E-05	0.009704	0.641332
2227	494761.06	3859851.99	5.16258	8.37435	7.15566	6.80681	4.68E-01	0.03543	0.00013	0.01577	0.51917	5.90E-01	0.044715	0.000114	0.009204	6.45E-01	0.582079	0.038458	9.29E-05	0.009775	0.630405
2228	494811.06	3859851.99	5.18089	8.21729	7.18203	6.71318	4.70E-01	0.03476	0.00013	0.01555	0.51995	5.93E-01	0.043876	0.000114	0.009077	6.46E-01	0.584144	0.037737	9.32E-05	0.00964	0.631614
2229	494861.06	3859851.99	5.14468	8.04001	7.1317	6.67542	4.66E-01	0.03401	0.00013	0.01546	0.51583	5.88E-01	0.04293	0.000113	0.009026	6.41E-01	0.580061	0.036923	9.26E-05	0.009586	0.626662
2230	494911.06	3859851.99	5.17407	7.93062	7.17293	6.54888	4.69E-01	0.03355	0.00013	0.01517	0.51774	5.92E-01	0.042346	0.000114	0.008855	6.43E-01	0.583375	0.03642	9.31E-05	0.009405	0.629293
2231	494961.06	3859851.99	5.16835	7.80859	7.15558	6.46241	4.68E-01	0.03303	0.00013	0.01497	0.5165	5.91E-01	0.041694	0.000114	0.008738	6.42E-01	0.58273	0.03586	9.29E-05	0.00928	0.627963
2232	495011.06	3859851.99	5.16248	7.6815	7.14002	6.36821	4.68E-01	0.0325	0.00013	0.01475	0.51522	5.90E-01	0.041016	0.000113	0.008611	6.40E-01	0.582068	0.035276	9.27E-05	0.009145	0.626582
2233	495061.06	3859851.99	5.13326	7.65308	7.09555	6.2965	4.65E-01	0.03238	0.00013	0.01458	0.51228	5.87E-01	0.040864	0.000113	0.008514	6.37E-01	0.578773	0.035146	9.21E-05	0.009042	0.623053
2234	495111.06	3859851.99	5.16585	7.6832	7.11299	6.15618	4.68E-01	0.0325	0.00013	0.01426	0.51504	5.91E-01	0.041025	0.000113	0.008324	6.40E-01	0.582448	0.035284	9.23E-05	0.008841	0.626665
2235	495161.06	3859851.99	5.16757	7.69724	7.08871	6.07525	4.68E-01	0.03256	0.00013	0.01407	0.51506	5.91E-01	0.0411	0.000113	0.008214	6.40E-01	0.582642	0.035349	9.2E-05	0.008724	0.626807
2236	495211.06	3859851.99	5.1599	7.74535	7.06844	6.00414	4.68E-01	0.03277	0.00013	0.01391	0.51441	5.90E-01	0.041356	0.000112	0.008118	6.40E-01	0.581777	0.03557	9.18E-05	0.008622	0.62606
2237	495261.06	3859851.99	5.16233	7.78389	7.05206	5.91847	4.68E-01	0.03293	0.00013	0.01371	0.51459	5.90E-01	0.041562	0.000112	0.008002	6.40E-01	0.582051	0.035747	9.15E-05	0.008499	0.626388
2238	495311.06	3859851.99	5.14196	7.83403	7.00008	5.86352	4.66E-01	0.03314	0.00013	0.01358	0.51283	5.88E-01	0.04183	0.000111	0.007928	6.38E-01	0.579754	0.035977	9.09E-05	0.00842	0.624242
2239	495361.06	3859851.99	5.13046	7.90142	6.95156	5.78948	4.65E-01	0.03343	0.00013	0.01341	0.5119	5.87E-01	0.04219	0.00011	0.007828	6.37E-01	0.578458	0.036286	9.02E-05	0.008314	0.623148
2240	495411.06	3859851.99	5.12859	7.96879	6.91779	5.67835	4.65E-01	0.03371	0.00013	0.01315	0.51176	5.87E-01	0.04255	0.00011	0.007678	6.37E-01	0.578247	0.036596	8.98E-05	0.008154	0.623087
2241	495461.06	3859851.99	5.11519	8.0153	6.87125	5.58824	4.64E-01	0.03391	0.00013	0.01294	0.51053	5.85E-01	0.042798	0.000109	0.007556	6.36E-01	0.576736	0.036809	8.92E-05	0.008025	0.621659
2242	495511.06	3859851.99	5.10226	8.04944	6.85603	5.47409	4.62E-01	0.03405	0.00013	0.01268	0.50924	5.84E-01	0.04298	0.000109	0.007402	6.34E-01	0.575278	0.036966	8.9E-05	0.007861	0.620194
2243	495561.06	3859851.99	5.05934	8.02789	6.83599	5.45188	4.58E-01	0.03396	0.00013	0.01263	0.50521	5.79E-01	0.042865	0.000109	0.007372	6.29E-01	0.570439	0.036867	8.87E-05	0.007829	0.615224
2244	495611.06	3859851.99	5.01586	8.00193	6.82433	5.41756	4.55E-01	0.03385	0.00013	0.01255	0.50108	5.74E-01	0.042726	0.000108	0.007325	6.24E-01	0.565536	0.036748	8.86E-05	0.00778	0.610153
2245	495661.06	3859851.99	4.99242	8.01557	6.82899	5.3053	4.52E-01	0.03391	0.00013	0.01229	0.49875	5.71E-01	0.042799	0.000109	0.007173	6.21E-01	0.562894	0.03681	8.86E-05	0.007619	0.607411
2246	494311.06	3859901.99	5.14801	8.79628	7.034	8.04555	4.67E-01	0.03721	0.00013	0.01864	0.5225	5.89E-01	0.046968	0.000112	0.010878	6.47E-01	0.580436	0.040396	9.13E-05	0.011554	0.632477
2247	494361.06	3859901.99	5.24248	9.01037	7.16565	7.82308	4.75E-01	0.03812	0.00013	0.01812	0.53146	6.00E-01	0.048111	0.000114	0.010578	6.58E-01	0.591088	0.041379	9.3E-05	0.011234	0.643794
2248	494411.06	3859901.99	5.1661	8.90779	7.0352	7.76591	4.68E-01	0.03768	0.00013	0.01799	0.52397	5.91E-01	0.047563	0.000112	0.0105	6.49E-01	0.582476	0.040908	9.13E-05	0.011152	0.634627
2249	494461.06	3859901.99	5.15423	8.92399	7.00927	7.64059	4.67E-01	0.03775	0.00013	0.0177	0.52267	5.90E-01	0.04765	0.000111	0.010331	6.48E-01	0.581138	0.040982	9.1E-05	0.010972	0.633183
2250	494511.06	3859901.99	5.08398	8.84011	6.94712	7.5577	4.61E-01	0.0374	0.00013	0.01751	0.51575	5.81E-01	0.047202	0.00011	0.010219	6.39E-01	0.573217	0.040597	9.02E-05	0.010853	0.624758
2251	494561.06	3859901.99	4.91186	8.54857	6.7712	7.56384	4.45E-01	0.03616	0.00013	0.01752	0.49893	5.62E-01	0.045645	0.000108	0.010227	6.18E-01	0.553811	0.039258	8.79E-05	0.010862	0.604019
2252	494611.06	3859901.99	5.04966	8.80446	6.96967	7.27548	4.58E-01	0.03725	0.00013	0.01685	0.51184	5.78E-01	0.047012	0.000111	0.009837	6.35E-01	0.569347	0.040433	9.05E-05	0.010448	0.620319
2253	494661.06	3859901.99	4.90137	8.56719	6.83461	7.2548	4.44E-01	0.03624	0.00013	0.0168	0.49735	5.61E-01	0.045745	0.000109	0.009809	6.16E-01	0.552628	0.039344	8.87E-05	0.010418	0.602478

2254	494711.06	3859901.99	5.05909	8.76413	7.05074	7.00189		4.58E-01	0.03708	0.00013	0.01622	0.51189		5.79E-01	0.046796	0.000112	0.009467	6.35E-01		0.570411	0.040248	9.15E-05	0.010055	0.620805
2255	494761.06	3859901.99	4.99765	8.57614	6.96245	7.01983		4.53E-01	0.03628	0.00013	0.01626	0.50557		5.72E-01	0.045792	0.000111	0.009492	6.27E-01		0.563483	0.039385	9.04E-05	0.010081	0.613039
2256	494811.06	3859901.99	4.94101	8.36832	6.86077	7.03472		4.48E-01	0.0354	0.00013	0.01629	0.49959		5.65E-01	0.044683	0.000109	0.009512	6.19E-01		0.557097	0.03843	8.91E-05	0.010102	0.605719
2257	494861.06	3859901.99	4.92163	8.22072	6.83658	6.99117		4.46E-01	0.03478	0.00013	0.01619	0.49711		5.63E-01	0.043895	0.000109	0.009453	6.16E-01		0.554912	0.037753	8.87E-05	0.01004	0.602793
2258	494911.06	3859901.99	4.95646	8.15102	6.89924	6.87163		4.49E-01	0.03448	0.00013	0.01592	0.49969		5.67E-01	0.043523	0.00011	0.009291	6.20E-01		0.558839	0.037433	8.96E-05	0.009868	0.606229
2259	494961.06	3859901.99	4.94202	7.9948	6.87884	6.81231		4.48E-01	0.03382	0.00013	0.01578	0.49759		5.65E-01	0.042688	0.000109	0.009211	6.17E-01		0.557211	0.036715	8.93E-05	0.009783	0.603798
2260	495011.06	3859901.99	4.96845	7.877	6.89876	6.70309		4.50E-01	0.03332	0.00013	0.01553	0.49923		5.68E-01	0.042059	0.00011	0.009063	6.20E-01		0.560191	0.036174	8.95E-05	0.009626	0.606081
2261	495061.06	3859901.99	4.96914	7.77637	6.88729	6.61078		4.50E-01	0.0329	0.00013	0.01531	0.49865		5.68E-01	0.041522	0.000109	0.008938	6.19E-01		0.560269	0.035712	8.94E-05	0.009493	0.605564
2262	495111.06	3859901.99	5.00853	7.57783	6.93883	6.47369		4.54E-01	0.03206	0.00013	0.01499	0.50107		5.73E-01	0.040462	0.00011	0.008753	6.22E-01		0.56471	0.0348	9.01E-05	0.009297	0.608897
2263	495161.06	3859901.99	5.03098	7.48007	6.96766	6.34625		4.56E-01	0.03164	0.00013	0.0147	0.50239		5.75E-01	0.03994	0.000111	0.008581	6.24E-01		0.567241	0.034351	9.04E-05	0.009114	0.610797
2264	495211.06	3859901.99	5.00383	7.42294	6.90543	6.28673		4.53E-01	0.0314	0.00013	0.01456	0.49955		5.72E-01	0.039635	0.00011	0.0085	6.21E-01		0.56418	0.034089	8.96E-05	0.009028	0.607387
2265	495261.06	3859901.99	5.05256	7.46841	6.93792	6.15566		4.58E-01	0.0316	0.00013	0.01426	0.50386		5.78E-01	0.039878	0.00011	0.008323	6.26E-01		0.569674	0.034298	9.01E-05	0.00884	0.612902
2266	495311.06	3859901.99	5.01762	7.4448	6.85961	6.12729		4.55E-01	0.0315	0.00013	0.01419	0.50052		5.74E-01	0.039752	0.000109	0.008285	6.22E-01		0.565735	0.034189	8.9E-05	0.008799	0.608812
2267	495361.06	3859901.99	5.0191	7.49675	6.85645	6.04084		4.55E-01	0.03172	0.00013	0.01399	0.50068		5.74E-01	0.040029	0.000109	0.008168	6.22E-01		0.565902	0.034428	8.9E-05	0.008675	0.609094
2268	495411.06	3859901.99	5.04558	7.55671	6.87989	5.92802		4.57E-01	0.03197	0.00013	0.01373	0.50307		5.77E-01	0.040349	0.000109	0.008015	6.26E-01		0.568887	0.034703	8.93E-05	0.008513	0.612193
2269	495461.06	3859901.99	5.05391	7.61542	6.86178	5.83445		4.58E-01	0.03222	0.00013	0.01351	0.50386		5.78E-01	0.040663	0.000109	0.007889	6.27E-01		0.569827	0.034973	8.91E-05	0.008379	0.613267
2270	495511.06	3859901.99	5.02553	7.67161	6.79496	5.7837		4.55E-01	0.03245	0.00013	0.0134	0.5014		5.75E-01	0.040963	0.000108	0.00782	6.24E-01		0.566627	0.035231	8.82E-05	0.008306	0.610252
2271	495561.06	3859901.99	4.99659	7.71152	6.72323	5.75258		4.53E-01	0.03262	0.00013	0.01332	0.49888		5.72E-01	0.041176	0.000107	0.007778	6.21E-01		0.563364	0.035414	8.73E-05	0.008261	0.607126
2272	495611.06	3859901.99	4.99569	7.76842	6.70283	5.66086		4.53E-01	0.03286	0.00013	0.01311	0.49882		5.71E-01	0.04148	0.000107	0.007654	6.21E-01		0.563262	0.035675	8.7E-05	0.008129	0.607154
2273	495661.06	3859901.99	4.98535	7.81072	6.71372	5.55591		4.52E-01	0.03304	0.00013	0.01287	0.49782		5.70E-01	0.041706	0.000107	0.007512	6.20E-01		0.562097	0.03587	8.71E-05	0.007979	0.606032
2274	494311.06	3859951.99	5.03003	7.51929	6.8468	8.31937		4.56E-01	0.03181	0.00013	0.01927	0.50704		5.75E-01	0.040149	0.000109	0.011249	6.27E-01		0.567134	0.034531	8.89E-05	0.011947	0.613701
2275	494361.06	3859951.99	5.03025	7.49783	6.87482	8.18463		4.56E-01	0.03172	0.00013	0.01896	0.50666		5.75E-01	0.040035	0.000109	0.011067	6.27E-01		0.567159	0.034433	8.92E-05	0.011754	0.613435
2276	494411.06	3859951.99	5.02939	8.48758	6.86933	8.05984		4.56E-01	0.03591	0.00013	0.01867	0.51048		5.75E-01	0.04532	0.000109	0.010898	6.32E-01		0.567062	0.038978	8.92E-05	0.011574	0.617704
2277	494461.06	3859951.99	5.00127	8.52315	6.82704	7.95235		4.53E-01	0.03606	0.00013	0.01842	0.50783		5.72E-01	0.04551	0.000109	0.010752	6.28E-01		0.563891	0.039141	8.86E-05	0.01142	0.614542
2278	494511.06	3859951.99	4.93947	8.4496	6.72432	7.88397		4.48E-01	0.03575	0.00013	0.01826	0.50176		5.65E-01	0.045117	0.000107	0.01066	6.21E-01		0.556924	0.038804	8.73E-05	0.011322	0.607136
2279	494561.06	3859951.99	4.78217	7.38212	6.48678	7.92228		4.33E-01	0.03123	0.00012	0.01835	0.48307		5.47E-01	0.039417	0.000103	0.010712	5.97E-01		0.539188	0.033901	8.42E-05	0.011377	0.58455
2280	494611.06	3859951.99	4.84981	8.36786	6.64524	7.6865		4.39E-01	0.0354	0.00012	0.0178	0.49283		5.55E-01	0.04468	0.000106	0.010393	6.10E-01		0.546814	0.038428	8.63E-05	0.011038	0.596367
2281	494661.06	3859951.99	4.72671	7.29411	6.53845	7.64473		4.28E-01	0.03086	0.00012	0.01771	0.47703		5.41E-01	0.038947	0.000104	0.010337	5.90E-01		0.532935	0.033497	8.49E-05	0.010978	0.577495
2282	494711.06	3859951.99	4.80919	8.35863	6.66415	7.41386		4.36E-01	0.03536	0.00012	0.01717	0.48848		5.50E-01	0.044631	0.000106	0.010024	6.05E-01		0.542235	0.038386	8.65E-05	0.010647	0.591354
2283	494761.06	3859951.99	4.75949	8.25588	6.62685	7.321		4.31E-01	0.03493	0.00012	0.01696	0.48332		5.44E-01	0.044082	0.000105	0.009899	5.98E-01		0.536631	0.037914	8.6E-05	0.010513	0.585144
2284	494811.06	3859951.99	4.74829	8.19627	6.61076	7.27578		4.30E-01	0.03467	0.00012	0.01685	0.48195		5.43E-01	0.043764	0.000105	0.009838	5.97E-01		0.535368	0.03764	8.58E-05	0.010448	0.583543
2285	494861.06	3859951.99	4.69056	8.03959	6.52749	7.27145		4.25E-01	0.03401	0.00012	0.01684	0.47604		5.36E-01	0.042928	0.000104	0.009832	5.89E-01		0.528859	0.036921	8.47E-05	0.010442	0.576307
2286	494911.06	3859951.99	4.75164	8.06369	6.59425	7.15556		4.31E-01	0.03411	0.00012	0.01657	0.48141		5.43E-01	0.043056	0.000105	0.009675	5.96E-01		0.535746	0.037031	8.56E-05	0.010276	0.583139
2287	494961.06	3859951.99	4.77771	8.04027	6.64231	7.05038		4.33E-01	0.03401	0.00012	0.01633	0.48343		5.46E-01	0.042931	0.000106	0.009533	5.99E-01		0.538685	0.036924	8.62E-05	0.010125	0.58582
2288	495011.06	3859951.99	4.79948	7.97296	6.67243	6.95673		4.35E-01	0.03373	0.00012	0.01611	0.48491		5.49E-01	0.042572	0.000106	0.009406	6.01E-01		0.54114	0.036615	8.66E-05	0.00999	0.587831
2289	495061.06	3859951.99	4.79513	7.85323	6.66738	6.88709		4.35E-01	0.03322	0.00012	0.01595	0.48384		5.48E-01	0.041932	0.000106	0.009312	6.00E-01		0.540649	0.036065	8.65E-05	0.00989	0.586691
2290	495111.06	3859951.99	4.8311	7.78423	6.72383	6.76256		4.38E-01	0.03293	0.00013	0.01566	0.48652		5.53E-01	0.041564	0.000107	0.009144	6.03E-01		0.544705	0.035748	8.73E-05	0.009711	0.590252
2291	495161.06	3859951.99	4.86997	7.68617	6.76031	6.64045		4.41E-01	0.03252	0.00013	0.01538	0.48935		5.57E-01	0.04104	0.000107	0.008979	6.07E-01		0.549087	0.035298	8.78E-05	0.009536	0.594009
2292	495211.06	3859951.99	4.89897	7.49487	6.78684	6.51832		4.44E-01	0.03171	0.00013	0.0151	0.49089		5.60E-01	0.040019	0.000108	0.008813	6.09E-01		0.552357	0.034419	8.81E-05	0.009361	0.596225
2293	495261.06	3859951.99	4.90308	7.38899	6.79003	6.42225		4.44E-01	0.03126	0.00013	0.01488	0.49059		5.61E-01	0.039454	0.000108	0.008684	6.09E-01		0.552821	0.033933	8.81E-05	0.009223	0.596064
2294	495311.06	3859951.99	4.86388	7.25237	6.71742	6.3741		4.41E-01	0.03068	0.00013	0.01476	0.48635		5.56E-01	0.038724	0.000107	0.008618	6.04E-01		0.548401	0.033306	8.72E-05	0.009154	0.590947
2295	495361.06	3859951.99	4.86084	7.18915	6.69051	6.31525		4.40E-01	0.03041	0.00013	0.01463	0.48567		5.56E-01	0.038387	0.000106	0.008539	6.03E-01		0.548058	0.033015	8.68E-05	0.009069	0.590229
2296	495411.06	3859951.99	4.88423	7.22526	6.7018	6.21417		4.43E-01	0.03057	0.00013	0.01439	0.4877		5.59E-01	0.038579	0.000107	0.008402	6.06E-01		0.550695	0.033181	8.7E-05	0.008924	0.592887
2297	495461.06	3859951.99	4.89609	7.23746	6.67713	6.12696		4.44E-01	0.03062	0.00012	0.01419	0.48863		5.60E-01	0.038645	0.000106	0.008284	6.07E-01		0.552032	0.033237	8.67E-05	0.008799	0.594155
2298	495511.06	3859951.99	4.90212	7.27886	6.68545	6.03472		4.44E-01	0.03079	0.00013	0.01398	0.48914		5.61E-01	0.038866	0.000106	0.00816	6.08E-01		0.552712	0.033427	8.68E-05	0.008666	0.594893
2299	495561.06	3859951.99	4.85233	7.27064	6.58803	6.02623		4.40E-01	0.03076	0.00012	0.01396	0.48457		5.55E-01	0.038822	0.000105	0.008148	6.02E-01		0.547099	0.033389	8.55E-05	0.008654	0.589228
2300	495611.06	3859951.99	4.87341	7.33117	6.59763	5.9197		4.42E-01	0.03101	0.00012	0.01371	0.48649		5.57E-01	0.039145	0.000105	0.008004	6.05E-01		0.549475	0.033667	8.56E-05	0.008501	0.591729
2301	495661.06	3859951.99	4.91149	7.44301	6.62728	5.80151		4.45E-01	0.03149	0.00012	0.01344	0.49014		5.62E-01	0.039742	0.000105	0.007844	6.09E-01		0.553769	0.034181	8.6E-05	0.008331	0.596367
2302	494311.06	3860001.99	4.9743	7.55214	6.70354	8.53456		4.51E-01	0.03195	0.00013	0.01977	0.50262		5.69E-01	0.040325	0.000107	0.01154	6.21E-01		0.560851	0.034682	8.7E-05	0.012256	0.607876
2303	494361.06	3860001.99	4.92497	7.45896	6.66953	8.4489		4.46E-01	0.03156	0.00012	0.01957	0.49756		5.63E-01	0.039827	0.000106	0.011424	6.15E-01		0.555289	0.034254	8.66E-05	0.012133	0.601763
2304	494411.06	3860001.99	4.9403	7.38448	6.7172	8.29431		4.48E-01	0.03124	0.00013	0.01921	0.49828		5.65E-01	0.03943	0.000107	0.011215	6.16E-01		0.557017	0.033912	8.72E-05	0.011911	0.602928
2305	494461.06	3860001.99	4.89259	7.33749	6.64551	8.23497		4.43E-01	0.03104	0.00012	0.01907	0.49362		5.60E-01	0.039179	0.000106	0.011135	6.10E-01		0.551638	0.033696	8.63E-05	0.011826	0.597246
2306	494511.06	3860001.99	4.89639	7.31926	6.64923	8.11126		4.44E-01	0.03096	0.00012	0.01879	0.4936		5.60E-01	0.039081	0.000106	0.010967	6.10E-01		0.552066	0.033613	8.63E-05	0.011648	0.597414
2307	494561.06	3860001.99	4.71619	7.30428	6.36278	8.20614		4.27E-01	0.0309	0.00012	0.01901	0.47742		5.39E-01	0.039001	0.000101	0.011096	5.90E-01		0.531749	0.033544	8.26E-05	0.011784	0.57716
2308	494611.06	3860001.99	4.70061	7.28189	6.35276	8.05993		4.26E-01	0.03081	0.00012	0.01867	0.47557		5.38E-01	0.038882	0.000101	0.010898	5.88E-01		0.529992	0.033441	8.25E-05	0.011574	0.57509
2309	494661.06	3860001.99	4.65095	7.24928	6.28922	7.96566		4.21E-01	0.03067	0.00012	0.01845	0.47071		5.32E-01	0.038708	1E-04	0.01077	5.82E-01		0.524393	0.033291	8.16E-05	0.011439	0.569205
2310	494711.06	3860001.99	4.76854	7.20142	6.51617	7.68369		4.32E-01	0.03047	0.00012	0.0178	0.48052		5.45E-01	0.038452	0.000104	0.010389	5.94E-01		0.537651	0.033072	8.46E-05	0.011034	0.581842
2311	494761.06	3860001.99	4.63812	7.16561	6.35299	7.66859		4.20E-01	0.03031	0.00012	0.01776	0.46851		5.31E-01	0.038261	0.000101	0.010369	5.79E-01		0.522946	0.032907	8.25E-05	0.011012	0.566949
2312	494811.06	3860001.99	4.57788	7.12262	6.31026	7.56771		4.15E-01	0.03013	0.00012	0.01753	0.46264		5.24E-01	0.038031	0.0001	0.010232	5.72E-01		0.516154	0.03271	8.19E-05	0.010868	0.559814
2313	494861.06	3860001.99	4.5235	7.07119	6.25696	7.52709		4.10E-01	0.02991	0.00012	0.01743	0.4574		5.17E-01	0.037757	9.94E-05	0.010177	5.65E-01		0.510023	0.032474	8.12E-05	0.010809	0.553387
2314	494911.06	3860001.99	4.63511	7.97971	6.46054	7.28624		4.20E-01	0.03376	0.00012	0.01688	0.4708		5.30E-01	0.042608	0.000103	0.009852	5.83E-01		0.522607	0.036646	8.39E-05	0.010463	0.5698

2315	494961.06	3860001.99	4.61019	7.87457	6.40973	7.26662		4.18E-01	0.03331	0.00012	0.01683	0.46805		5.27E-01	0.042046	0.000102	0.009825	5.79E-01		0.519797	0.036163	8.32E-05	0.010435	0.566479
2316	495011.06	3860001.99	4.64998	7.89935	6.45405	7.16522		4.21E-01	0.03342	0.00012	0.0166	0.47153		5.32E-01	0.042179	0.000103	0.009688	5.84E-01		0.524284	0.036277	8.38E-05	0.01029	0.570934
2317	495061.06	3860001.99	4.60107	7.75715	6.40198	7.14377		4.17E-01	0.03282	0.00012	0.01655	0.46644		5.26E-01	0.041419	0.000102	0.009659	5.77E-01		0.518769	0.035624	8.31E-05	0.010259	0.564735
2318	495111.06	3860001.99	4.65067	7.76178	6.46438	7.03041		4.21E-01	0.03284	0.00012	0.01628	0.47069		5.32E-01	0.041444	0.000103	0.009506	5.83E-01		0.524361	0.035645	8.39E-05	0.010096	0.570186
2319	495161.06	3860001.99	4.67991	7.74035	6.51504	6.91454		4.24E-01	0.03275	0.00012	0.01602	0.47299		5.35E-01	0.04133	0.000104	0.009349	5.86E-01		0.527658	0.035547	8.46E-05	0.00993	0.573219
2320	495211.06	3860001.99	4.63859	7.57858	6.45988	6.87842		4.20E-01	0.03206	0.00012	0.01593	0.46847		5.31E-01	0.040466	0.000103	0.0093	5.80E-01		0.522999	0.034804	8.39E-05	0.009878	0.567765
2321	495261.06	3860001.99	4.67299	7.50579	6.48953	6.77012		4.23E-01	0.03175	0.00012	0.01568	0.47103		5.34E-01	0.040077	0.000103	0.009154	5.84E-01		0.526878	0.034469	8.42E-05	0.009722	0.571154
2322	495311.06	3860001.99	4.66783	7.37161	6.4695	6.69245		4.23E-01	0.03119	0.00012	0.0155	0.46982		5.34E-01	0.039361	0.000103	0.009049	5.82E-01		0.526296	0.033853	8.4E-05	0.009611	0.569844
2323	495361.06	3860001.99	4.75391	7.38194	6.58668	6.51331		4.31E-01	0.03123	0.00012	0.01509	0.47725		5.44E-01	0.039416	0.000105	0.008807	5.92E-01		0.536002	0.033901	8.55E-05	0.009353	0.579341
2324	495411.06	3860001.99	4.68848	7.21813	6.4935	6.48651		4.25E-01	0.03054	0.00012	0.01502	0.47056		5.36E-01	0.038541	0.000103	0.00877	5.84E-01		0.528625	0.033148	8.43E-05	0.009315	0.571172
2325	495461.06	3860001.99	4.7036	7.14084	6.48669	6.40888		4.26E-01	0.03021	0.00012	0.01484	0.47143		5.38E-01	0.038129	0.000103	0.008666	5.85E-01		0.530329	0.032793	8.42E-05	0.009203	0.57241
2326	495511.06	3860001.99	4.71172	7.07353	6.47055	6.33908		4.27E-01	0.02992	0.00012	0.01468	0.47171		5.39E-01	0.037769	0.000103	0.008571	5.85E-01		0.531245	0.032484	8.4E-05	0.009103	0.572916
2327	495561.06	3860001.99	4.66879	7.0227	6.3927	6.31023		4.23E-01	0.02971	0.00012	0.01462	0.46754		5.34E-01	0.037498	0.000102	0.008532	5.80E-01		0.526404	0.032251	8.3E-05	0.009062	0.5678
2328	495611.06	3860001.99	4.7085	6.9896	6.41155	6.19857		4.27E-01	0.02957	0.00012	0.01436	0.47074		5.39E-01	0.037321	0.000102	0.008381	5.84E-01		0.530882	0.032099	8.32E-05	0.008901	0.571965
2329	495661.06	3860001.99	4.73088	7.01783	6.43682	6.09064		4.29E-01	0.02969	0.00012	0.01411	0.47264		5.41E-01	0.037472	0.000102	0.008235	5.87E-01		0.533405	0.032228	8.36E-05	0.008746	0.574464
2330	494411.06	3860051.99	4.88189	7.45753	6.55285	8.53155		4.42E-01	0.03155	0.00012	0.01976	0.49384		5.58E-01	0.03982	0.000104	0.011536	6.10E-01		0.550431	0.034248	8.51E-05	0.012252	0.597016
2331	494461.06	3860051.99	4.84355	7.36173	6.52354	8.4465		4.39E-01	0.03114	0.00012	0.01956	0.48976		5.54E-01	0.039308	0.000104	0.011421	6.05E-01		0.546109	0.033808	8.47E-05	0.01213	0.592131
2332	494511.06	3860051.99	4.79434	7.27627	6.48705	8.36526		4.34E-01	0.03078	0.00012	0.01938	0.48475		5.48E-01	0.038852	0.000103	0.011311	5.99E-01		0.54056	0.033415	8.42E-05	0.012013	0.586073
2333	494561.06	3860051.99	4.70961	7.20977	6.36023	8.37928		4.27E-01	0.0305	0.00012	0.01941	0.47682		5.39E-01	0.038497	0.000101	0.01133	5.89E-01		0.531007	0.03311	8.26E-05	0.012033	0.576233
2334	494611.06	3860051.99	4.66109	7.16854	6.27637	8.32078		4.22E-01	0.03033	0.00012	0.01927	0.47211		5.33E-01	0.038277	9.98E-05	0.011251	5.83E-01		0.525536	0.032921	8.15E-05	0.011949	0.570487
2335	494661.06	3860051.99	4.61599	7.1509	6.20987	8.23884		4.18E-01	0.03025	0.00012	0.01908	0.46776		5.28E-01	0.038182	9.87E-05	0.01114	5.77E-01		0.520451	0.03284	8.06E-05	0.011831	0.565203
2336	494711.06	3860051.99	4.61683	7.13352	6.21697	8.06454		4.18E-01	0.03018	0.00012	0.01868	0.46736		5.28E-01	0.03809	9.88E-05	0.010904	5.77E-01		0.520546	0.03276	8.07E-05	0.011581	0.564968
2337	494761.06	3860051.99	4.56412	7.11179	6.14223	7.97941		4.14E-01	0.03009	0.00011	0.01848	0.46229		5.22E-01	0.037974	9.76E-05	0.010789	5.71E-01		0.514603	0.03266	7.97E-05	0.011459	0.558802
2338	494811.06	3860051.99	4.50151	7.07968	6.07207	7.91965		4.08E-01	0.02995	0.00011	0.01834	0.45634		5.15E-01	0.037802	9.65E-05	0.010708	5.63E-01		0.507544	0.032513	7.88E-05	0.011373	0.551508
2339	494861.06	3860051.99	4.43684	7.03775	6.02679	7.8374		4.02E-01	0.02977	0.00011	0.01815	0.45011		5.07E-01	0.037578	9.58E-05	0.010597	5.56E-01		0.500252	0.03232	7.82E-05	0.011255	0.543905
2340	494911.06	3860051.99	4.42335	7.0012	6.04399	7.67432		4.01E-01	0.02962	0.00011	0.01778	0.44836		5.06E-01	0.037383	9.61E-05	0.010377	5.54E-01		0.498731	0.032152	7.85E-05	0.011021	0.541982
2341	494961.06	3860051.99	4.42331	6.95871	6.09436	7.54983		4.01E-01	0.02944	0.00011	0.01749	0.44789		5.06E-01	0.037156	9.69E-05	0.010208	5.53E-01		0.498727	0.031957	7.91E-05	0.010842	0.541605
2342	495011.06	3860051.99	4.44167	6.90784	6.14482	7.44458		4.03E-01	0.02922	0.00012	0.01724	0.4491		5.08E-01	0.036885	9.77E-05	0.010066	5.55E-01		0.500797	0.031723	7.98E-05	0.010691	0.543291
2343	495061.06	3860051.99	4.44934	6.84875	6.15899	7.36782		4.03E-01	0.02897	0.00012	0.01707	0.44936		5.09E-01	0.036569	9.79E-05	0.009962	5.56E-01		0.501662	0.031452	7.99E-05	0.010581	0.543774
2344	495111.06	3860051.99	4.48651	6.78197	6.24883	7.24216		4.07E-01	0.02869	0.00012	0.01677	0.45216		5.13E-01	0.036212	9.93E-05	0.009792	5.59E-01		0.505852	0.031145	8.11E-05	0.0104	0.547479
2345	495161.06	3860051.99	4.50811	6.71658	6.25884	7.16292		4.09E-01	0.02841	0.00012	0.01659	0.45366		5.16E-01	0.035863	9.95E-05	0.009685	5.61E-01		0.508288	0.030845	8.12E-05	0.010286	0.5495
2346	495211.06	3860051.99	4.52688	7.58403	6.29723	7.06097		4.10E-01	0.03208	0.00012	0.01635	0.45879		5.18E-01	0.040495	0.0001	0.009547	5.68E-01		0.510404	0.034829	8.17E-05	0.01014	0.555455
2347	495261.06	3860051.99	4.52512	7.49897	6.28484	6.99976		4.10E-01	0.03172	0.00012	0.01621	0.45813		5.18E-01	0.040041	9.99E-05	0.009464	5.67E-01		0.510206	0.034438	8.16E-05	0.010052	0.554777
2348	495311.06	3860051.99	4.49726	7.37681	6.24469	6.95071		4.08E-01	0.03121	0.00012	0.0161	0.45497		5.14E-01	0.039389	9.92E-05	0.009398	5.63E-01		0.507065	0.033877	8.11E-05	0.009982	0.551004
2349	495361.06	3860051.99	4.49443	7.28433	6.23381	6.87771		4.07E-01	0.03082	0.00012	0.01593	0.45416		5.14E-01	0.038895	9.91E-05	0.009299	5.62E-01		0.506745	0.033452	8.09E-05	0.009877	0.550155
2350	495411.06	3860051.99	4.49874	7.19793	6.22923	6.79165		4.08E-01	0.03045	0.00012	0.01573	0.45398		5.15E-01	0.038434	9.9E-05	0.009183	5.62E-01		0.507231	0.033056	8.09E-05	0.009753	0.550121
2351	495461.06	3860051.99	4.51001	7.11878	6.24247	6.6861		4.09E-01	0.03012	0.00012	0.01549	0.45443		5.16E-01	0.038011	9.92E-05	0.00904	5.63E-01		0.508502	0.032692	8.1E-05	0.009602	0.550877
2352	495511.06	3860051.99	4.49107	7.01504	6.21208	6.61506		4.07E-01	0.02968	0.00012	0.01532	0.45211		5.14E-01	0.037457	9.87E-05	0.008944	5.60E-01		0.506367	0.032216	8.06E-05	0.0095	0.548162
2353	495561.06	3860051.99	4.49588	6.93969	6.20636	6.54627		4.07E-01	0.02936	0.00012	0.01516	0.45206		5.14E-01	0.037055	9.86E-05	0.008851	5.60E-01		0.506909	0.03187	8.06E-05	0.009401	0.54826
2354	495611.06	3860051.99	4.52366	6.8794	6.21807	6.46207		4.10E-01	0.0291	0.00012	0.01497	0.45413		5.17E-01	0.036733	9.88E-05	0.008737	5.63E-01		0.510041	0.031593	8.07E-05	0.00928	0.550994
2355	495661.06	3860051.99	4.57768	6.86442	6.27744	6.34075		4.15E-01	0.02904	0.00012	0.01469	0.45868		5.24E-01	0.036653	9.98E-05	0.008573	5.69E-01		0.516132	0.031524	8.15E-05	0.009106	0.556843
2356	494411.06	3860101.99	4.90077	7.50882	6.56511	8.65582		4.44E-01	0.03177	0.00012	0.02005	0.49606		5.61E-01	0.040094	0.000104	0.011704	6.12E-01		0.55256	0.034483	8.52E-05	0.01243	0.599559
2357	494461.06	3860101.99	4.82011	7.4361	6.44518	8.65426		4.37E-01	0.03146	0.00012	0.02004	0.48843		5.51E-01	0.039705	0.000102	0.011701	6.03E-01		0.543466	0.034149	8.37E-05	0.012428	0.590127
2358	494511.06	3860101.99	4.80589	7.35977	6.43365	8.51305		4.36E-01	0.03114	0.00012	0.01972	0.48649		5.50E-01	0.039298	0.000102	0.011511	6.01E-01		0.541862	0.033799	8.35E-05	0.012225	0.58797
2359	494561.06	3860101.99	4.73516	7.27348	6.35925	8.48789		4.29E-01	0.03077	0.00012	0.01966	0.47966		5.42E-01	0.038837	0.000101	0.011477	5.92E-01		0.533888	0.033403	8.25E-05	0.012189	0.579562
2360	494611.06	3860101.99	4.65624	7.17513	6.27915	8.49351		4.22E-01	0.03035	0.00012	0.01967	0.4721		5.33E-01	0.038312	9.98E-05	0.011484	5.82E-01		0.524989	0.032951	8.15E-05	0.012197	0.570219
2361	494661.06	3860101.99	4.59572	7.09529	6.22645	8.43762		4.16E-01	0.03002	0.00012	0.01954	0.46615		5.26E-01	0.037885	9.9E-05	0.011409	5.75E-01		0.518166	0.032584	8.08E-05	0.012117	0.562948
2362	494711.06	3860101.99	4.58226	7.03803	6.18866	8.30376		4.15E-01	0.02977	0.00012	0.01923	0.46438		5.24E-01	0.03758	9.84E-05	0.011228	5.73E-01		0.516648	0.032321	8.03E-05	0.011925	0.560974
2363	494761.06	3860101.99	4.54296	7.00159	6.12131	8.22672		4.12E-01	0.02962	0.00011	0.01905	0.46048		5.20E-01	0.037385	9.73E-05	0.011123	5.68E-01		0.512217	0.032154	7.95E-05	0.011814	0.556265
2364	494811.06	3860101.99	4.49506	6.98157	6.04754	8.14763		4.07E-01	0.02954	0.00011	0.01887	0.45587		5.14E-01	0.037278	9.61E-05	0.011016	5.63E-01		0.506816	0.032062	7.85E-05	0.0117	0.550657
2365	494861.06	3860101.99	4.41502	6.95339	5.97759	8.13362		4.00E-01	0.02942	0.00011	0.01884	0.44847		5.05E-01	0.037128	9.5E-05	0.010998	5.53E-01		0.497792	0.031933	7.76E-05	0.01168	0.541482
2366	494911.06	3860101.99	4.43223	6.9483	5.96236	7.89955		4.02E-01	0.02939	0.00011	0.0183	0.44946		5.07E-01	0.037101	9.48E-05	0.010681	5.55E-01		0.499732	0.031909	7.74E-05	0.011344	0.543063
2367	494961.06	3860101.99	4.39591	6.91671	5.94473	7.78811		3.98E-01	0.02926	0.00011	0.01804	0.44578		5.03E-01	0.036932	9.45E-05	0.01053	5.50E-01		0.495637	0.031764	7.72E-05	0.011184	0.538663
2368	495011.06	3860101.99	4.37343	6.87586	5.96127	7.63917		3.96E-01	0.02909	0.00011	0.01769	0.44322		5.00E-01	0.036714	9.47E-05	0.010329	5.47E-01		0.493103	0.031577	7.74E-05	0.01097	0.535727
2369	495061.06	3860101.99	4.35196	6.84112	5.97642	7.54164		3.94E-01	0.02894	0.00011	0.01747	0.4409		4.98E-01	0.036528	9.5E-05	0.010197	5.45E-01		0.490682	0.031417	7.76E-05	0.01083	0.533007
2370	495111.06	3860101.99	4.36955	6.80009	6.03342	7.42099		3.96E-01	0.02877	0.00011	0.01719	0.44205		5.00E-01	0.036309	9.59E-05	0.010034	5.46E-01		0.492665	0.031229	7.83E-05	0.010657	0.534629
2371	495161.06	3860101.99	4.34799	6.752	6.01283	7.38007		3.94E-01	0.02856	0.00011	0.01709	0.43979		4.97E-01	0.036052	9.56E-05	0.009979	5.43E-01		0.490234	0.031008	7.8E-05	0.010598	0.531918
2372	495211.06	3860101.99	4.36072	6.69563	6.03302	7.30788		3.95E-01	0.02833	0.00011	0.01693	0.44054		4.99E-01	0.035751	9.59E-05	0.009881	5.45E-01		0.49167	0.030749	7.83E-05	0.010494	0.532991
2373	495261.06	3860101.99	4.37072	6.63315	6.04272	7.22945		3.96E-01	0.02806	0.00011	0.01674	0.441		5.00E-01	0.035418	9.6E-05	0.009775	5.45E-01		0.492797	0.030462	7.84E-05	0.010382	0.533719
2374	495311.06	3860101.99	4.36796	6.57064	6.03894	7.16427		3.96E-01	0.0278	0.00011	0.01659	0.44034		5.00E-01	0.035084	9.6E-05	0.009687	5.44E-01		0.492486	0.030175	7.84E-05	0.010288	0.533027
2375	495361.06	3860101.99	4.34018	6.51014	5.99814	7.12096		3.93E-01	0.02754	0.00011	0.01649	0.43746		4.96E-01	0.034761	9.53E-05	0.009628	5.41E-01		0.489354	0.029897	7.79E-05	0.010226	0.529555

2376	495411.06	3860101.99	4.34878	6.44282	6.01955	7.03274	3.94E-01	0.02726	0.00011	0.01629	0.43775	4.97E-01	0.034402	9.57E-05	0.009509	5.41E-01	0.490323	0.029588	7.81E-05	0.010099	0.530089
2377	495461.06	3860101.99	4.39223	7.15421	6.08918	6.89911	3.98E-01	0.03027	0.00011	0.01598	0.44439	5.02E-01	0.0382	9.68E-05	0.009328	5.50E-01	0.495222	0.032855	7.9E-05	0.009907	0.538064
2378	495511.06	3860101.99	4.36551	7.02204	6.03463	6.85223	3.96E-01	0.02971	0.00011	0.01587	0.4413	4.99E-01	0.037494	9.59E-05	0.009265	5.46E-01	0.49221	0.032248	7.83E-05	0.00984	0.534376
2379	495561.06	3860101.99	4.33579	6.20853	5.97901	6.79856	3.93E-01	0.02627	0.00011	0.01575	0.43504	4.96E-01	0.033151	9.5E-05	0.009192	5.38E-01	0.488859	0.028512	7.76E-05	0.009763	0.527211
2380	495611.06	3860101.99	4.38588	6.88964	6.04961	6.65834	3.97E-01	0.02915	0.00011	0.01542	0.44214	5.02E-01	0.036787	9.61E-05	0.009003	5.48E-01	0.494506	0.03164	7.85E-05	0.009562	0.535787
2381	495661.06	3860101.99	4.3824	6.81664	6.04006	6.58968	3.97E-01	0.02884	0.00011	0.01526	0.44136	5.01E-01	0.036398	9.6E-05	0.00891	5.47E-01	0.494114	0.031305	7.84E-05	0.009463	0.53496
2382	494861.06	3860151.99	4.44143	6.83319	6.01906	8.34336	4.02E-01	0.02891	0.00011	0.01932	0.45084	5.08E-01	0.036486	9.57E-05	0.011281	5.56E-01	0.50077	0.031381	7.81E-05	0.011982	0.54421
2383	494911.06	3860151.99	4.41388	6.83517	5.96932	8.15705	4.00E-01	0.02892	0.00011	0.01889	0.44792	5.05E-01	0.036497	9.49E-05	0.011029	5.52E-01	0.497663	0.03139	7.75E-05	0.011714	0.540845
2384	494961.06	3860151.99	4.38014	6.81881	5.90569	8.04017	3.97E-01	0.02885	0.00011	0.01862	0.44452	5.01E-01	0.036409	9.39E-05	0.010871	5.48E-01	0.493859	0.031315	7.67E-05	0.011546	0.536797
2385	495011.06	3860151.99	4.35738	6.80953	5.85693	7.90974	3.95E-01	0.02881	0.00011	0.01832	0.44211	4.98E-01	0.03636	9.31E-05	0.010695	5.46E-01	0.491293	0.031272	7.6E-05	0.011359	0.534
2386	495061.06	3860151.99	4.33072	6.79026	5.84621	7.7738	3.92E-01	0.02873	0.00011	0.01801	0.4393	4.95E-01	0.036257	9.29E-05	0.010511	5.42E-01	0.488287	0.031183	7.59E-05	0.011164	0.53071
2387	495111.06	3860151.99	4.29833	6.76059	5.83991	7.64592	3.90E-01	0.0286	0.00011	0.01771	0.43594	4.92E-01	0.036098	9.28E-05	0.010338	5.38E-01	0.484635	0.031047	7.58E-05	0.01098	0.526738
2388	495161.06	3860151.99	4.26389	6.7212	5.82573	7.58105	3.86E-01	0.02843	0.00011	0.01756	0.4325	4.88E-01	0.035888	9.26E-05	0.01025	5.34E-01	0.480752	0.030866	7.56E-05	0.010887	0.522581
2389	495211.06	3860151.99	4.24977	6.6888	5.82553	7.50887	3.85E-01	0.0283	0.00011	0.01739	0.43092	4.86E-01	0.035715	9.26E-05	0.010153	5.32E-01	0.47916	0.030717	7.56E-05	0.010783	0.520736
2390	495261.06	3860151.99	4.23257	6.65007	5.81861	7.45285	3.84E-01	0.02813	0.00011	0.01726	0.42907	4.84E-01	0.035508	9.25E-05	0.010077	5.30E-01	0.477221	0.03054	7.55E-05	0.010703	0.518539
2391	495311.06	3860151.99	4.21828	6.6039	5.81541	7.39153	3.82E-01	0.02794	0.00011	0.01712	0.42744	4.82E-01	0.035262	9.24E-05	0.009994	5.28E-01	0.47561	0.030328	7.55E-05	0.010615	0.516627
2392	495361.06	3860151.99	4.2098	6.55047	5.80164	7.33363	3.82E-01	0.02771	0.00011	0.01699	0.42631	4.82E-01	0.034976	9.22E-05	0.009916	5.26E-01	0.474654	0.030082	7.53E-05	0.010531	0.515342
2393	495411.06	3860151.99	4.21734	6.49082	5.80151	7.25819	3.82E-01	0.02746	0.00011	0.01681	0.42656	4.82E-01	0.034658	9.22E-05	0.009814	5.27E-01	0.475504	0.029808	7.53E-05	0.010423	0.51581
2394	495461.06	3860151.99	4.20882	6.43086	5.79922	7.18382	3.81E-01	0.02721	0.00011	0.01664	0.42537	4.81E-01	0.034338	9.22E-05	0.009713	5.26E-01	0.474543	0.029533	7.53E-05	0.010316	0.514468
2395	495511.06	3860151.99	4.21517	6.37255	5.81855	7.08643	3.82E-01	0.02696	0.00011	0.01641	0.42547	4.82E-01	0.034026	9.25E-05	0.009582	5.26E-01	0.475259	0.029265	7.55E-05	0.010176	0.514776
2396	495561.06	3860151.99	4.2132	6.30853	5.80156	7.01927	3.82E-01	0.02669	0.00011	0.01626	0.42486	4.82E-01	0.033685	9.22E-05	0.009491	5.25E-01	0.475037	0.028971	7.53E-05	0.01008	0.514163
2397	495611.06	3860151.99	4.23071	6.23858	5.80906	6.92122	3.83E-01	0.02639	0.00011	0.01603	0.42593	4.84E-01	0.033311	9.23E-05	0.009358	5.27E-01	0.477011	0.02865	7.54E-05	0.009939	0.515676
2398	495661.06	3860151.99	4.24526	6.16373	5.8497	6.81348	3.85E-01	0.02608	0.00011	0.01578	0.42668	4.86E-01	0.032911	9.3E-05	0.009213	5.28E-01	0.478652	0.028306	7.59E-05	0.009785	0.516818
2399	495718.25	3859442.96	4.34498	7.20665	5.7149	2.78451	3.94E-01	0.03049	0.00011	0.00645	0.4308	4.97E-01	0.03848	9.08E-05	0.003765	5.39E-01	0.489895	0.033096	7.42E-05	0.003999	0.527064
2400	495818.25	3859442.96	4.22618	7.09158	5.51083	2.68251	3.83E-01	0.03	0.0001	0.00621	0.4193	4.83E-01	0.037866	8.76E-05	0.003627	5.25E-01	0.4765	0.032567	7.15E-05	0.003852	0.512991
2401	495918.25	3859442.96	4.1383	7.00315	5.40629	2.63473	3.75E-01	0.02963	0.0001	0.0061	0.41085	4.73E-01	0.037393	8.59E-05	0.003562	5.14E-01	0.466592	0.032161	7.02E-05	0.003784	0.502607
2402	496018.25	3859442.96	4.05832	6.8947	5.31147	2.60326	3.68E-01	0.02917	9.9E-05	0.00603	0.40307	4.64E-01	0.036814	8.44E-05	0.00352	5.05E-01	0.457574	0.031663	6.89E-05	0.003738	0.493045
2403	496118.25	3859442.96	4.0714	7.01757	5.36164	2.73927	3.69E-01	0.02969	0.0001	0.00634	0.40509	4.66E-01	0.03747	8.52E-05	0.003704	5.07E-01	0.459049	0.032227	6.96E-05	0.003934	0.49528
2404	496218.25	3859442.96	4.04602	7.03431	5.36147	2.86737	3.67E-01	0.02976	0.0001	0.00664	0.40316	4.63E-01	0.03756	8.52E-05	0.003877	5.04E-01	0.456187	0.032304	6.96E-05	0.004118	0.492679
2405	496318.25	3859442.96	3.94991	6.85708	5.24962	2.8745	3.58E-01	0.02901	9.8E-05	0.00666	0.39371	4.52E-01	0.036614	8.34E-05	0.003887	4.92E-01	0.445351	0.03149	6.81E-05	0.004128	0.481037
2406	496418.25	3859442.96	3.88597	6.74926	5.13634	2.86924	3.52E-01	0.02855	9.6E-05	0.00665	0.38745	4.44E-01	0.036038	8.16E-05	0.00388	4.84E-01	0.438142	0.030995	6.67E-05	0.00412	0.473324
2407	495718.25	3859542.96	4.65242	7.69901	6.29739	3.28911	4.22E-01	0.03257	0.00012	0.00762	0.46192	5.32E-01	0.041109	0.0001	0.004447	5.78E-01	0.524559	0.035357	8.17E-05	0.004723	0.564721
2408	495818.25	3859542.96	4.57831	7.53624	6.13331	3.17737	4.15E-01	0.03188	0.00011	0.00736	0.45425	5.24E-01	0.04024	9.75E-05	0.004296	5.68E-01	0.516203	0.034609	7.96E-05	0.004563	0.555455
2409	495918.25	3859542.96	4.48015	7.26534	5.93536	3.02261	4.06E-01	0.03074	0.00011	0.007	0.44385	5.12E-01	0.038793	9.43E-05	0.004087	5.55E-01	0.505135	0.033365	7.7E-05	0.004341	0.542918
2410	496018.25	3859542.96	4.39162	7.09007	5.75673	2.93245	3.98E-01	0.02999	0.00011	0.00679	0.43487	5.02E-01	0.037858	9.15E-05	0.003965	5.44E-01	0.495154	0.03256	7.47E-05	0.004211	0.532
2411	496118.25	3859542.96	4.39546	7.33205	5.76557	3.05615	3.98E-01	0.03102	0.00011	0.00708	0.43653	5.03E-01	0.03915	9.16E-05	0.004132	5.46E-01	0.495587	0.033671	7.48E-05	0.004389	0.533722
2412	496218.25	3859542.96	4.35517	7.47051	5.74995	3.11913	3.95E-01	0.0316	0.00011	0.00722	0.43361	4.98E-01	0.039889	9.14E-05	0.004217	5.42E-01	0.491044	0.034307	7.46E-05	0.004479	0.529905
2413	496318.25	3859542.96	4.28707	7.51186	5.69435	3.15827	3.89E-01	0.03178	0.00011	0.00732	0.4277	4.90E-01	0.04011	9.05E-05	0.00427	5.35E-01	0.483366	0.034497	7.39E-05	0.004535	0.522472
2414	496418.25	3859542.96	4.17238	7.38331	5.5611	3.10191	3.78E-01	0.03124	0.0001	0.00718	0.41663	4.77E-01	0.039423	8.84E-05	0.004194	5.21E-01	0.470434	0.033907	7.22E-05	0.004455	0.508868
2415	495718.25	3859642.96	4.84527	7.99332	6.68346	3.88604	4.39E-01	0.03382	0.00013	0.009	0.48203	5.54E-01	0.042681	0.000106	0.005254	6.02E-01	0.546303	0.036708	8.68E-05	0.005581	0.588678
2416	495818.25	3859642.96	4.76703	7.76169	6.54554	3.73866	4.32E-01	0.03284	0.00012	0.00866	0.47362	5.45E-01	0.041444	0.000104	0.005055	5.92E-01	0.537481	0.035645	8.5E-05	0.005369	0.578579
2417	495918.25	3859642.96	4.72076	7.70212	6.42316	3.66112	4.28E-01	0.03258	0.00012	0.00848	0.46899	5.40E-01	0.041126	0.000102	0.00495	5.86E-01	0.532264	0.035371	8.34E-05	0.005258	0.572976
2418	496018.25	3859642.96	4.65025	7.58308	6.26726	3.52154	4.21E-01	0.03208	0.00012	0.00816	0.46177	5.32E-01	0.04049	9.96E-05	0.004762	5.77E-01	0.524314	0.034824	8.14E-05	0.005057	0.564277
2419	496118.25	3859642.96	4.6544	7.67	6.19453	3.66234	4.22E-01	0.03245	0.00012	0.00848	0.46284	5.32E-01	0.040954	9.85E-05	0.004952	5.78E-01	0.524782	0.035223	8.04E-05	0.005259	0.565345
2420	496218.25	3859642.96	4.61609	7.6334	6.09067	3.73801	4.18E-01	0.03229	0.00011	0.00866	0.45938	5.28E-01	0.040759	9.68E-05	0.005054	5.74E-01	0.520463	0.035055	7.91E-05	0.005368	0.560965
2421	496318.25	3859642.96	4.53352	7.44921	5.94128	3.64544	4.11E-01	0.03151	0.00011	0.00844	0.45091	5.19E-01	0.039775	9.44E-05	0.004929	5.63E-01	0.511153	0.03421	7.71E-05	0.005235	0.550675
2422	496418.25	3859642.96	4.35067	7.04738	5.70878	3.16161	3.94E-01	0.02981	0.00011	0.00732	0.43151	4.98E-01	0.03763	9.07E-05	0.004275	5.40E-01	0.490537	0.032364	7.41E-05	0.00454	0.527515
2423	495718.25	3859742.96	4.95757	8.11704	6.87656	4.58544	4.49E-01	0.03434	0.00013	0.01062	0.49435	5.67E-01	0.043341	0.000109	0.0062	6.17E-01	0.558964	0.037276	8.93E-05	0.006585	0.602915
2424	495818.25	3859742.96	4.90575	7.98022	6.7935	4.39564	4.45E-01	0.03376	0.00013	0.01018	0.48864	5.61E-01	0.042611	0.000108	0.005943	6.10E-01	0.553122	0.036648	8.82E-05	0.006312	0.59617
2425	495918.25	3859742.96	4.85099	7.88251	6.70656	4.2798	4.40E-01	0.03335	0.00013	0.00991	0.48299	5.55E-01	0.042089	0.000107	0.005787	6.03E-01	0.546947	0.036199	8.71E-05	0.006146	0.58938
2426	496018.25	3859742.96	4.79035	7.81419	6.5988	4.13767	4.34E-01	0.03306	0.00012	0.00958	0.47688	5.48E-01	0.041724	0.000105	0.005595	5.95E-01	0.54011	0.035886	8.57E-05	0.005942	0.582024
2427	496118.25	3859742.96	4.77908	7.75699	6.52077	4.25444	4.33E-01	0.03282	0.00012	0.00985	0.47588	5.47E-01	0.041419	0.000104	0.005752	5.94E-01	0.53884	0.035623	8.46E-05	0.00611	0.580657
2428	496218.25	3859742.96	4.74758	7.63393	6.40701	4.39858	4.30E-01	0.0323	0.00012	0.01019	0.47284	5.43E-01	0.040762	0.000102	0.005947	5.90E-01	0.535288	0.035058	8.32E-05	0.006317	0.576746
2429	496318.25	3859742.96	4.65761	7.53055	6.24029	3.9498	4.22E-01	0.03186	0.00012	0.00915	0.46321	5.33E-01	0.04021	9.92E-05	0.005341	5.78E-01	0.525144	0.034583	8.1E-05	0.005672	0.56548
2430	496418.25	3859742.96	4.53012	7.29038	6.02616	3.55341	4.11E-01	0.03084	0.00011	0.00823	0.44971	5.18E-01	0.038927	9.58E-05	0.004805	5.62E-01	0.510769	0.03348	7.82E-05	0.005103	0.549431
2431	495718.25	3859842.96	4.93947	8.00214	6.82002	5.18459	4.48E-01	0.03385	0.00013	0.01201	0.49361	5.65E-01	0.042728	0.000108	0.00701	6.15E-01	0.556924	0.036749	8.85E-05	0.007445	0.601206
2432	495818.25	3859842.96	4.88949	8.01131	6.79713	5.05142	4.43E-01	0.03389	0.00013	0.0117	0.48882	5.59E-01	0.042777	0.000108	0.00683	6.09E-01	0.551288	0.036791	8.82E-05	0.007254	0.595422
2433	495918.25	3859842.96	4.87202	7.96191	6.76285	4.92244	4.42E-01	0.03368	0.00013	0.0114	0.48672	5.57E-01	0.042513	0.000107	0.006656	6.07E-01	0.549319	0.036564	8.78E-05	0.007069	0.593039
2434	496018.25	3859842.96	4.83955	7.83752	6.69707	4.88496	4.39E-01	0.03316	0.00013	0.01131	0.48317	5.54E-01	0.041849	0.000106	0.006605	6.02E-01	0.545658	0.035993	8.69E-05	0.007015	0.588752
2435	496118.25	3859842.96	4.76789	7.61306	6.56176	5.0932	4.32E-01	0.03221	0.00012	0.0118	0.4762	5.45E-01	0.04065	0.000104	0.006887	5.93E-01	0.537578	0.034962	8.52E-05	0.007314	0.579939
2436	496218.25	3859842.96	4.76709	7.59251	6.56208	4.69087	4.32E-01	0.03212	0.00012	0.01086	0.47511	5.45E-01	0.04054	0.000104	0.006343	5.92E-01	0.537488	0.034868	8.52E-05	0.006736	0.579177

2437	496318.25	3859842.96	4.62769	7.3822	6.3768	3.84483	4.19E-01	0.03123	0.00012	0.00891	0.45963	5.29E-01	0.039417	0.000101	0.005199	5.74E-01	0.52177	0.033902	8.28E-05	0.005521	0.561276
2438	496418.25	3859842.96	4.44628	7.03352	6.0976	3.34475	4.03E-01	0.02976	0.00011	0.00775	0.44055	5.09E-01	0.037556	9.69E-05	0.004522	5.51E-01	0.501317	0.032301	7.91E-05	0.004803	0.538499
2439	495718.25	3859942.96	4.89835	7.56235	6.58255	5.71971	4.44E-01	0.03199	0.00012	0.01325	0.48926	5.60E-01	0.040379	0.000105	0.007734	6.08E-01	0.552287	0.034729	8.54E-05	0.008214	0.595316
2440	495818.25	3859942.96	4.86552	7.62522	6.60036	5.57095	4.41E-01	0.03226	0.00012	0.0129	0.48621	5.57E-01	0.040715	0.000105	0.007533	6.05E-01	0.548586	0.035018	8.57E-05	0.008	0.591689
2441	495918.25	3859942.96	4.77746	7.59269	6.57647	5.49506	4.33E-01	0.03212	0.00012	0.01273	0.47792	5.46E-01	0.040541	0.000105	0.00743	5.95E-01	0.538657	0.034868	8.54E-05	0.007891	0.581502
2442	496018.25	3859942.96	4.66319	7.45589	6.44158	5.59434	4.23E-01	0.03154	0.00012	0.01296	0.46721	5.33E-01	0.039811	0.000102	0.007564	5.81E-01	0.525773	0.03424	8.36E-05	0.008034	0.568131
2443	496118.25	3859942.96	4.72028	7.56128	6.53675	5.30008	4.28E-01	0.03199	0.00012	0.01228	0.47215	5.40E-01	0.040374	0.000104	0.007166	5.88E-01	0.53221	0.034724	8.48E-05	0.007611	0.57463
2444	496218.25	3859942.96	4.75494	7.62937	6.60239	4.7597	4.31E-01	0.03228	0.00012	0.01102	0.47433	5.44E-01	0.040737	0.000105	0.006436	5.91E-01	0.536118	0.035037	8.57E-05	0.006835	0.578076
2445	496318.25	3859942.96	4.68973	7.4685	6.50853	4.20498	4.25E-01	0.0316	0.00012	0.00974	0.46645	5.36E-01	0.039878	0.000103	0.005686	5.82E-01	0.528765	0.034298	8.45E-05	0.006039	0.569187
2446	496418.25	3859942.96	4.48153	6.96033	6.22435	3.47234	4.06E-01	0.02945	0.00012	0.00804	0.44373	5.13E-01	0.037165	9.89E-05	0.004695	5.55E-01	0.505291	0.031964	8.08E-05	0.004986	0.542323
2447	496856.82	3858864.83	2.1505	3.0631	2.80957	1.71373	1.95E-01	0.01296	5.3E-05	0.00397	0.21186	2.46E-01	0.016355	4.47E-05	0.002317	2.65E-01	0.242468	0.014067	3.65E-05	0.002461	0.259033
2448	496956.82	3858864.83	2.11943	2.97418	2.76682	1.71491	1.92E-01	0.01258	5.2E-05	0.00397	0.20867	2.42E-01	0.015881	4.4E-05	0.002319	2.61E-01	0.238965	0.013659	3.59E-05	0.002463	0.255122
2449	497056.82	3858864.83	2.09454	2.87194	2.72662	1.71634	1.90E-01	0.01215	5.1E-05	0.00398	0.20599	2.40E-01	0.015335	4.33E-05	0.002321	2.57E-01	0.236159	0.013189	3.54E-05	0.002465	0.251848
2450	497156.82	3858864.83	2.04692	2.76224	2.66921	1.71551	1.85E-01	0.01169	5E-05	0.00397	0.20121	2.34E-01	0.014749	4.24E-05	0.00232	2.51E-01	0.23079	0.012685	3.46E-05	0.002464	0.245973
2451	497256.82	3858864.83	2.04704	2.72307	2.67962	1.71893	1.86E-01	0.01152	5E-05	0.00398	0.20106	2.34E-01	0.01454	4.26E-05	0.002324	2.51E-01	0.230803	0.012505	3.48E-05	0.002468	0.245812
2452	496856.82	3858964.83	2.33923	3.41967	3.11471	1.97758	2.12E-01	0.01447	5.8E-05	0.00458	0.23109	2.68E-01	0.018259	4.95E-05	0.002674	2.89E-01	0.263747	0.015704	4.04E-05	0.00284	0.282332
2453	496956.82	3858964.83	2.27753	3.30508	3.00897	1.97302	2.06E-01	0.01398	5.6E-05	0.00457	0.225	2.61E-01	0.017648	4.78E-05	0.002668	2.81E-01	0.256791	0.015178	3.91E-05	0.002833	0.274841
2454	497056.82	3858964.83	2.24133	3.25265	2.93693	1.97099	2.03E-01	0.01376	5.5E-05	0.00457	0.22149	2.56E-01	0.017368	4.67E-05	0.002665	2.76E-01	0.252709	0.014937	3.81E-05	0.00283	0.270515
2455	497156.82	3858964.83	2.20042	3.18739	2.87572	1.70142	1.99E-01	0.01348	5.4E-05	0.00394	0.21689	2.52E-01	0.017019	4.57E-05	0.002301	2.71E-01	0.248097	0.014638	3.73E-05	0.002443	0.265215
2456	497256.82	3858964.83	2.28281	3.279	2.98431	1.97779	2.07E-01	0.01387	5.6E-05	0.00458	0.22538	2.61E-01	0.017508	4.74E-05	0.002674	2.81E-01	0.257386	0.015058	3.87E-05	0.00284	0.275323
2457	496856.82	3859064.83	2.43951	3.85488	3.30399	1.99731	2.21E-01	0.01631	6.2E-05	0.00463	0.24207	2.79E-01	0.020583	5.25E-05	0.002701	3.02E-01	0.275054	0.017703	4.29E-05	0.002868	0.295668
2458	496956.82	3859064.83	2.40097	3.72263	3.23474	1.98605	2.18E-01	0.01575	6.1E-05	0.0046	0.23799	2.75E-01	0.019877	5.14E-05	0.002685	2.97E-01	0.270709	0.017096	4.2E-05	0.002852	0.290698
2459	497056.82	3859064.83	2.3796	3.6522	3.18409	1.9758	2.16E-01	0.01545	6E-05	0.00458	0.23573	2.72E-01	0.019501	5.06E-05	0.002671	2.94E-01	0.268299	0.016772	4.13E-05	0.002837	0.28795
2460	497156.82	3859064.83	2.36671	3.59357	3.14275	1.9719	2.14E-01	0.0152	5.9E-05	0.00457	0.2343	2.71E-01	0.019188	4.99E-05	0.002666	2.93E-01	0.266846	0.016503	4.08E-05	0.002832	0.286221
2461	497256.82	3859064.83	2.50136	3.77978	3.28562	1.99101	2.27E-01	0.01599	6.2E-05	0.00461	0.24734	2.86E-01	0.020182	5.22E-05	0.002692	3.09E-01	0.282027	0.017358	4.26E-05	0.002859	0.302287
2462	496856.82	3859164.83	2.48684	4.14006	3.39416	2.00889	2.25E-01	0.01751	6.4E-05	0.00465	0.24759	2.84E-01	0.022106	5.39E-05	0.002716	3.09E-01	0.28039	0.019013	4.41E-05	0.002885	0.302332
2463	496956.82	3859164.83	2.43774	3.97769	3.30131	1.99999	2.21E-01	0.01683	6.2E-05	0.00463	0.24243	2.79E-01	0.021239	5.25E-05	0.002704	3.03E-01	0.274854	0.018267	4.29E-05	0.002872	0.296036
2464	497056.82	3859164.83	2.44757	3.97191	3.31195	1.99772	2.22E-01	0.0168	6.2E-05	0.00463	0.2433	2.80E-01	0.021208	5.26E-05	0.002701	3.04E-01	0.275963	0.01824	4.3E-05	0.002869	0.297115
2465	497156.82	3859164.83	2.534	4.06142	3.40718	2.00272	2.30E-01	0.01718	6.4E-05	0.00464	0.25152	2.90E-01	0.021686	5.42E-05	0.002708	3.14E-01	0.285708	0.018652	4.42E-05	0.002876	0.307279
2466	497256.82	3859164.83	2.69953	4.29055	3.61725	2.01856	2.45E-01	0.01815	6.8E-05	0.00468	0.26753	3.09E-01	0.022909	5.75E-05	0.002729	3.34E-01	0.304371	0.019704	4.7E-05	0.002899	0.327021
2467	496856.82	3859264.83	2.5552	4.39668	3.49735	2.0127	2.32E-01	0.0186	6.5E-05	0.00466	0.25489	2.92E-01	0.023476	5.56E-05	0.002721	3.19E-01	0.288098	0.020191	4.54E-05	0.00289	0.311225
2468	496956.82	3859264.83	2.54783	4.35557	3.54145	2.01576	2.31E-01	0.01843	6.6E-05	0.00467	0.25405	2.91E-01	0.023257	5.63E-05	0.002726	3.17E-01	0.287267	0.020002	4.6E-05	0.002895	0.31021
2469	497056.82	3859264.83	2.61453	4.37572	3.662	2.02969	2.37E-01	0.01851	6.9E-05	0.0047	0.26022	2.99E-01	0.023364	5.82E-05	0.002744	3.25E-01	0.294787	0.020095	4.75E-05	0.002915	0.317845
2470	497156.82	3859264.83	2.70202	4.4612	3.76331	2.497	2.45E-01	0.01887	7E-05	0.00578	0.26959	3.09E-01	0.023821	5.98E-05	0.003376	3.36E-01	0.304652	0.020487	4.88E-05	0.003586	0.328774
2471	497256.82	3859264.83	2.86215	4.6359	3.96653	2.53024	2.59E-01	0.01961	7.4E-05	0.00586	0.28492	3.27E-01	0.024753	6.3E-05	0.003421	3.56E-01	0.322706	0.02129	5.15E-05	0.003634	0.347681
2472	497088.92	3858620.93	1.64979	1.89776	2.29544	1.78068	1.50E-01	0.00803	4.3E-05	0.00412	0.1617	1.89E-01	0.010133	3.65E-05	0.002408	2.01E-01	0.186013	0.008715	2.98E-05	0.002557	0.197315
2473	497138.92	3858620.93	1.65863	1.88945	2.30912	1.78171	1.50E-01	0.00799	4.3E-05	0.00413	0.16247	1.90E-01	0.010089	3.67E-05	0.002409	2.02E-01	0.18701	0.008677	3E-05	0.002559	0.198276
2474	497188.92	3858620.93	1.61776	1.86303	2.24517	1.78197	1.47E-01	0.00788	4.2E-05	0.00413	0.15866	1.85E-01	0.009948	3.57E-05	0.002409	1.97E-01	0.182402	0.008556	2.91E-05	0.002559	0.193546
2475	497238.92	3858620.93	1.61391	1.83954	2.23944	1.78257	1.46E-01	0.00778	4.2E-05	0.00413	0.15821	1.85E-01	0.009822	3.56E-05	0.00241	1.97E-01	0.181968	0.008448	2.91E-05	0.00256	0.193005
2476	497088.92	3858670.93	1.67413	2.0657	2.30204	1.76573	1.52E-01	0.00874	4.3E-05	0.00409	0.16458	1.91E-01	0.01103	3.66E-05	0.002387	2.05E-01	0.188758	0.009486	2.99E-05	0.002536	0.20081
2477	497138.92	3858670.93	1.70456	2.09667	2.3399	1.76726	1.54E-01	0.00887	4.4E-05	0.00409	0.16748	1.95E-01	0.011195	3.72E-05	0.00239	2.09E-01	0.192189	0.009629	3.04E-05	0.002538	0.204385
2478	497188.92	3858670.93	1.68408	2.05119	2.31802	1.76826	1.53E-01	0.00868	4.3E-05	0.0041	0.16543	1.93E-01	0.010952	3.68E-05	0.002391	2.06E-01	0.189879	0.00942	3.01E-05	0.002539	0.201869
2479	497238.92	3858670.93	1.68775	2.04201	2.32831	1.76929	1.53E-01	0.00864	4.4E-05	0.0041	0.16573	1.93E-01	0.010903	3.7E-05	0.002392	2.06E-01	0.190293	0.009378	3.02E-05	0.002541	0.202242
2480	497088.92	3858720.93	1.79537	2.29779	2.42216	1.74982	1.63E-01	0.00972	4.5E-05	0.00405	0.17652	2.05E-01	0.012269	3.85E-05	0.002366	2.20E-01	0.202427	0.010552	3.14E-05	0.002513	0.215524
2481	497138.92	3858720.93	1.71841	2.1476	2.34397	1.75077	1.56E-01	0.00909	4.4E-05	0.00406	0.16891	1.97E-01	0.011467	3.73E-05	0.002367	2.10E-01	0.19375	0.009863	3.04E-05	0.002514	0.206157
2482	497188.92	3858720.93	1.71027	2.13902	2.33433	1.75202	1.55E-01	0.00905	4.4E-05	0.00406	0.16814	1.96E-01	0.011421	3.71E-05	0.002369	2.09E-01	0.192832	0.009823	3.03E-05	0.002516	0.205202
2483	497238.92	3858720.93	1.77505	2.23376	2.40444	1.75389	1.61E-01	0.00945	4.5E-05	0.00406	0.17442	2.03E-01	0.011927	3.82E-05	0.002371	2.17E-01	0.200136	0.010258	3.12E-05	0.002519	0.212944
2484	497088.92	3858770.93	1.86189	2.40539	2.49763	1.73094	1.69E-01	0.01018	4.7E-05	0.00401	0.18296	2.13E-01	0.012844	3.97E-05	0.00234	2.28E-01	0.209927	0.011046	3.24E-05	0.002486	0.223492
2485	497138.92	3858770.93	1.83795	2.36824	2.46368	1.73265	1.67E-01	0.01002	4.6E-05	0.00401	0.18064	2.10E-01	0.012645	3.92E-05	0.002343	2.25E-01	0.207228	0.010876	3.2E-05	0.002488	0.220624
2486	497188.92	3858770.93	1.824	2.33339	2.46312	1.73477	1.65E-01	0.00987	4.6E-05	0.00402	0.17923	2.09E-01	0.012459	3.91E-05	0.002346	2.23E-01	0.205655	0.010716	3.2E-05	0.002491	0.218894
2487	497238.92	3858770.93	1.84446	2.39519	2.49304	1.73645	1.67E-01	0.01013	4.7E-05	0.00402	0.18135	2.11E-01	0.012789	3.96E-05	0.002348	2.26E-01	0.207962	0.011	3.24E-05	0.002494	0.221488
2488	497396.65	3858622.63	1.80647	2.09916	2.49532	1.78495	1.64E-01	0.00888	4.7E-05	0.00413	0.17677	2.07E-01	0.011209	3.97E-05	0.002413	2.20E-01	0.203679	0.00964	3.24E-05	0.002563	0.215915
2489	497496.65	3858622.63	1.9016	2.31415	2.62812	1.7863	1.72E-01	0.00979	4.9E-05	0.00414	0.1863	2.18E-01	0.012356	4.18E-05	0.002415	2.32E-01	0.214405	0.010627	3.41E-05	0.002565	0.227632
2490	497596.65	3858622.63	2.10663	2.6838	2.87176	1.78794	1.91E-01	0.01135	5.4E-05	0.00414	0.20646	2.41E-01	0.01433	4.56E-05	0.002417	2.58E-01	0.237522	0.012325	3.73E-05	0.002568	0.252452
2491	497696.65	3858622.63	2.19603	2.87674	2.97598	1.78799	1.99E-01	0.01217	5.6E-05	0.00414	0.21538	2.51E-01	0.01536	4.73E-05	0.002418	2.69E-01	0.247602	0.013211	3.86E-05	0.002568	0.263419
2492	497796.65	3858622.63	2.33088	3.14322	3.15091	1.94163	2.11E-01	0.0133	5.9E-05	0.0045	0.22908	2.67E-01	0.016783	5.01E-05	0.002625	2.86E-01	0.262806	0.014435	4.09E-05	0.002788	0.28007
2493	497896.65	3858622.63	2.47375	3.43042	3.31706	1.93187	2.24E-01	0.01451	6.2E-05	0.00447	0.24323	2.83E-01	0.018317	5.27E-05	0.002612	3.04E-01	0.278914	0.015754	4.31E-05	0.002774	0.297486
2494	497396.65	3858722.63	1.96835	2.52096	2.68721	1.7592	1.78E-01	0.01066	5E-05	0.00407	0.19317	2.25E-01	0.013461	4.27E-05	0.002379	2.41E-01	0.221931	0.011577	3.49E-05	0.002526	0.236069
2495	497496.65	3858722.63	2.08568	2.67268	2.85196	1.76228	1.89E-01	0.01131	5.3E-05	0.00408	0.20445	2.39E-01	0.014271	4.53E-05	0.002383	2.55E-01	0.23516	0.012274	3.7E-05	0.002531	0.250001
2496	497596.65	3858722.63	2.27802	2.97146	3.13011	1.97316	2.06E-01	0.01257	5.9E-05	0.00457	0.22364	2.61E-01	0.015866	4.97E-05	0.002668	2.79E-01	0.256846	0.013646	4.06E-05	0.002834	0.273366
2497	497696.65	3858722.63	2.40459	3.20908	3.30168	1.98009	2.18E-01	0.01358	6.2E-05	0.00459	0.23613	2.75E-01	0.017135	5.25E-05	0.002677	2.95E-01	0.271117	0.014737	4.29E-05	0.002844	0.28874

2498	497796.65	3858722.63	2.48503	3.36906	3.40616	1.98127	2.25E-01	0.01425	6.4E-05	0.00459	0.2441	2.84E-01	0.017989	5.41E-05	0.002679	3.05E-01	0.280186	0.015472	4.42E-05	0.002845	0.298548
2499	497896.65	3858722.63	2.58463	3.62772	3.5399	1.9853	2.34E-01	0.01535	6.6E-05	0.0046	0.25424	2.96E-01	0.01937	5.63E-05	0.002684	3.18E-01	0.291416	0.01666	4.59E-05	0.002851	0.310973
2500	497396.65	3858822.63	2.1149	2.79923	2.85349	1.73777	1.92E-01	0.01184	5.3E-05	0.00403	0.20758	2.42E-01	0.014947	4.54E-05	0.00235	2.59E-01	0.238454	0.012855	3.7E-05	0.002496	0.253842
2501	497496.65	3858822.63	2.21763	3.03576	3.02021	1.98084	2.01E-01	0.01284	5.7E-05	0.00459	0.21845	2.54E-01	0.01621	4.8E-05	0.002678	2.73E-01	0.250037	0.013941	3.92E-05	0.002845	0.266862
2502	497596.65	3858822.63	2.42747	3.51372	3.35682	2.00278	2.20E-01	0.01486	6.3E-05	0.00464	0.23955	2.78E-01	0.018762	5.34E-05	0.002708	2.99E-01	0.273696	0.016136	4.36E-05	0.002876	0.292752
2503	497696.65	3858822.63	2.51969	3.7799	3.49088	2.01215	2.28E-01	0.01599	6.5E-05	0.00466	0.24906	2.88E-01	0.020183	5.55E-05	0.002721	3.11E-01	0.284094	0.017359	4.53E-05	0.00289	0.304388
2504	497796.65	3858822.63	2.59977	3.90575	3.60456	2.01798	2.36E-01	0.01652	6.7E-05	0.00467	0.25686	2.97E-01	0.020855	5.73E-05	0.002729	3.21E-01	0.293123	0.017937	4.68E-05	0.002898	0.314005
2505	497896.65	3858822.63	2.76221	4.27517	3.81567	2.54143	2.50E-01	0.01809	7.1E-05	0.00589	0.27436	3.16E-01	0.022827	6.06E-05	0.003436	3.42E-01	0.311438	0.019633	4.95E-05	0.00365	0.334771
2506	497396.65	3858922.63	2.31793	3.28756	3.04848	1.98624	2.10E-01	0.01391	5.7E-05	0.0046	0.22862	2.65E-01	0.017554	4.84E-05	0.002686	2.85E-01	0.261346	0.015098	3.96E-05	0.002852	0.279335
2507	497496.65	3858922.63	2.48543	3.704	3.33026	2.00688	2.25E-01	0.01567	6.2E-05	0.00465	0.24562	2.84E-01	0.019778	5.29E-05	0.002714	3.07E-01	0.280231	0.01701	4.32E-05	0.002882	0.300167
2508	497596.65	3858922.63	2.48544	3.71915	3.38025	2.01203	2.25E-01	0.01573	6.3E-05	0.00466	0.24569	2.84E-01	0.019858	5.37E-05	0.00272	3.07E-01	0.280233	0.01708	4.39E-05	0.002889	0.300245
2509	497696.65	3858922.63	2.68483	4.13903	3.7092	2.54545	2.43E-01	0.01751	6.9E-05	0.0059	0.26678	3.07E-01	0.0221	5.9E-05	0.003442	3.33E-01	0.302714	0.019008	4.81E-05	0.003655	0.325425
2510	497796.65	3858922.63	2.80505	4.50303	3.88252	2.58034	2.54E-01	0.01905	7.3E-05	0.00598	0.2793	3.21E-01	0.024044	6.17E-05	0.003489	3.48E-01	0.316268	0.02068	5.04E-05	0.003706	0.340704
2511	497896.65	3858922.63	2.98612	4.96432	4.1391	2.67357	2.71E-01	0.021	7.7E-05	0.00619	0.29788	3.42E-01	0.026507	6.58E-05	0.003615	3.72E-01	0.336684	0.022798	5.37E-05	0.003839	0.363375
2512	497364.44	3858201.52	1.41452	1.93509	1.82268	1.66293	1.28E-01	0.00819	3.4E-05	0.00385	0.14026	1.62E-01	0.010332	2.9E-05	0.002248	1.74E-01	0.159487	0.008887	2.37E-05	0.002388	0.170785
2513	497414.44	3858201.52	1.44702	1.94287	1.86003	1.6614	1.31E-01	0.00822	3.5E-05	0.00385	0.14323	1.66E-01	0.010374	2.96E-05	0.002246	1.78E-01	0.163151	0.008922	2.41E-05	0.002386	0.174483
2514	497464.44	3858201.52	1.47293	1.95208	1.86933	1.65928	1.33E-01	0.00826	3.5E-05	0.00384	0.14562	1.68E-01	0.010423	2.97E-05	0.002244	1.81E-01	0.166072	0.008965	2.43E-05	0.002383	0.177444
2515	497514.44	3858201.52	1.4701	1.95994	1.85768	1.65647	1.33E-01	0.00829	3.5E-05	0.00384	0.14539	1.68E-01	0.010465	2.95E-05	0.00224	1.81E-01	0.165753	0.009001	2.41E-05	0.002379	0.177157
2516	497564.44	3858201.52	1.46694	1.96062	1.84704	1.65363	1.33E-01	0.00829	3.5E-05	0.00383	0.1451	1.68E-01	0.010469	2.94E-05	0.002236	1.81E-01	0.165397	0.009004	2.4E-05	0.002375	0.1768
2517	497614.44	3858201.52	1.48012	1.96398	1.84902	1.65102	1.34E-01	0.00831	3.5E-05	0.00382	0.1463	1.69E-01	0.010487	2.94E-05	0.002232	1.82E-01	0.166883	0.009019	2.4E-05	0.002371	0.178297
2518	497364.44	3858251.52	1.46304	1.90649	1.91337	1.66573	1.33E-01	0.00807	3.6E-05	0.00386	0.14454	1.67E-01	0.01018	3.04E-05	0.002252	1.80E-01	0.164957	0.008755	2.48E-05	0.002392	0.176129
2519	497414.44	3858251.52	1.504	1.93617	1.94433	1.66458	1.36E-01	0.00819	3.6E-05	0.00386	0.14838	1.72E-01	0.010338	3.09E-05	0.002251	1.85E-01	0.169575	0.008892	2.52E-05	0.00239	0.180883
2520	497464.44	3858251.52	1.48978	1.93006	1.92043	1.66268	1.35E-01	0.00817	3.6E-05	0.00385	0.14706	1.70E-01	0.010306	3.05E-05	0.002248	1.83E-01	0.167972	0.008864	2.49E-05	0.002388	0.179248
2521	497514.44	3858251.52	1.47002	1.92238	1.89587	1.66021	1.33E-01	0.00813	3.5E-05	0.00385	0.14523	1.68E-01	0.010265	3.01E-05	0.002245	1.81E-01	0.165744	0.008828	2.46E-05	0.002384	0.176981
2522	497564.44	3858251.52	1.46968	1.92382	1.88686	1.65808	1.33E-01	0.00814	3.5E-05	0.00384	0.1452	1.68E-01	0.010272	3E-05	0.002242	1.81E-01	0.165706	0.008835	2.45E-05	0.002381	0.176946
2523	497614.44	3858251.52	1.46873	1.92469	1.8769	1.6559	1.33E-01	0.00814	3.5E-05	0.00384	0.14511	1.68E-01	0.010277	2.98E-05	0.002239	1.81E-01	0.165599	0.008839	2.44E-05	0.002378	0.17684
2524	497364.44	3858301.52	1.50755	1.85821	1.97716	1.66495	1.37E-01	0.00786	3.7E-05	0.00386	0.14837	1.72E-01	0.009922	3.14E-05	0.002251	1.85E-01	0.169976	0.008534	2.57E-05	0.002391	0.180926
2525	497414.44	3858301.52	1.53007	1.8962	2.0028	1.79522	1.39E-01	0.00802	3.7E-05	0.00416	0.15088	1.75E-01	0.010125	3.18E-05	0.002427	1.88E-01	0.172515	0.008708	2.6E-05	0.002578	0.183827
2526	497464.44	3858301.52	1.50784	1.88652	1.96847	1.6625	1.37E-01	0.00798	3.7E-05	0.00385	0.14851	1.72E-01	0.010073	3.13E-05	0.002248	1.85E-01	0.170008	0.008664	2.56E-05	0.002387	0.181085
2527	497514.44	3858301.52	1.49615	1.88526	1.94774	1.66081	1.36E-01	0.00798	3.6E-05	0.00385	0.14744	1.71E-01	0.010066	3.1E-05	0.002246	1.83E-01	0.16869	0.008658	2.53E-05	0.002385	0.179759
2528	497564.44	3858301.52	1.47583	1.87688	1.92206	1.65888	1.34E-01	0.00794	3.6E-05	0.00384	0.14556	1.69E-01	0.010022	3.05E-05	0.002243	1.81E-01	0.166399	0.008619	2.49E-05	0.002382	0.177426
2529	497614.44	3858301.52	1.47273	1.8786	1.91309	1.65726	1.33E-01	0.00795	3.6E-05	0.00384	0.14528	1.68E-01	0.010031	3.04E-05	0.002241	1.81E-01	0.16605	0.008627	2.48E-05	0.00238	0.177082
2530	497364.44	3858351.52	1.53932	1.82514	2.04579	1.80109	1.39E-01	0.00772	3.8E-05	0.00417	0.15143	1.76E-01	0.009745	3.25E-05	0.002435	1.88E-01	0.173558	0.008382	2.66E-05	0.002586	0.184553
2531	497414.44	3858351.52	1.53077	1.83007	2.02816	1.79804	1.39E-01	0.00774	3.8E-05	0.00416	0.15067	1.75E-01	0.009772	3.22E-05	0.002431	1.87E-01	0.172594	0.008404	2.63E-05	0.002582	0.183607
2532	497464.44	3858351.52	1.53345	1.84062	2.02539	1.795	1.39E-01	0.00779	3.8E-05	0.00416	0.15095	1.75E-01	0.009828	3.22E-05	0.002427	1.88E-01	0.172896	0.008453	2.63E-05	0.002578	0.183953
2533	497514.44	3858351.52	1.52476	1.84988	2.00959	1.79167	1.38E-01	0.00783	3.8E-05	0.00415	0.15019	1.74E-01	0.009877	3.19E-05	0.002423	1.87E-01	0.171916	0.008495	2.61E-05	0.002573	0.183011
2534	497564.44	3858351.52	1.49576	1.84396	1.96599	1.65654	1.36E-01	0.0078	3.7E-05	0.00384	0.14722	1.71E-01	0.009846	3.12E-05	0.00224	1.83E-01	0.168646	0.008468	2.55E-05	0.002379	0.179519
2535	497614.44	3858351.52	1.49443	1.85409	1.96012	1.65535	1.35E-01	0.00784	3.7E-05	0.00383	0.14714	1.71E-01	0.0099	3.12E-05	0.002238	1.83E-01	0.168496	0.008515	2.54E-05	0.002377	0.179414
2536	497364.44	3858401.52	1.55754	1.77509	2.08508	1.80547	1.41E-01	0.00751	3.9E-05	0.00418	0.15288	1.78E-01	0.009478	3.31E-05	0.002441	1.90E-01	0.175612	0.008152	2.71E-05	0.002593	0.186384
2537	497414.44	3858401.52	1.54375	1.79876	2.0674	1.80284	1.40E-01	0.00761	3.9E-05	0.00418	0.15172	1.77E-01	0.009605	3.29E-05	0.002438	1.89E-01	0.174057	0.008261	2.68E-05	0.002589	0.184934
2538	497464.44	3858401.52	1.53094	1.79884	2.04609	1.80014	1.39E-01	0.00761	3.8E-05	0.00417	0.15055	1.75E-01	0.009605	3.25E-05	0.002434	1.87E-01	0.172613	0.008261	2.66E-05	0.002585	0.183486
2539	497514.44	3858401.52	1.5305	1.80373	2.03856	1.79764	1.39E-01	0.00763	3.8E-05	0.00416	0.15053	1.75E-01	0.009631	3.24E-05	0.002431	1.87E-01	0.172563	0.008283	2.65E-05	0.002582	0.183455
2540	497564.44	3858401.52	1.57927	1.83049	2.08168	1.79556	1.43E-01	0.00774	3.9E-05	0.00416	0.15506	1.81E-01	0.009774	3.31E-05	0.002428	1.93E-01	0.178062	0.008406	2.7E-05	0.002579	0.189074
2541	497614.44	3858401.52	1.65081	1.87391	2.16544	1.79347	1.50E-01	0.00793	4.1E-05	0.00415	0.16172	1.89E-01	0.010006	3.44E-05	0.002425	2.01E-01	0.186128	0.008606	2.81E-05	0.002576	0.197338
2542	493478.11	3860497.94	5.91252	9.99117	7.9073	12.21864	5.36E-01	0.04227	0.00015	0.0283	0.60652	6.76E-01	0.053348	0.000126	0.016521	7.46E-01	0.666635	0.045883	0.000103	0.017547	0.730167
2543	493528.11	3860497.94	5.81008	9.90194	7.75413	12.16736	5.27E-01	0.04189	0.00015	0.02818	0.59674	6.65E-01	0.052872	0.000123	0.016452	7.34E-01	0.655085	0.045473	0.000101	0.017473	0.718132
2544	493478.11	3860547.94	5.95467	9.86212	7.96808	12.04935	5.40E-01	0.04172	0.00015	0.02791	0.6094	6.81E-01	0.052659	0.000127	0.016292	7.50E-01	0.671387	0.045291	0.000103	0.017304	0.734084
2545	493528.11	3860547.94	5.86412	9.81156	7.84198	12.05214	5.31E-01	0.04151	0.00015	0.02792	0.60099	6.71E-01	0.052389	0.000125	0.016296	7.40E-01	0.661178	0.045058	0.000102	0.017308	0.723645
2546	493478.11	3860597.94	5.9694	9.71646	7.94579	11.89184	5.41E-01	0.04111	0.00015	0.02754	0.60976	6.83E-01	0.051881	0.000126	0.016079	7.51E-01	0.673048	0.044622	0.000103	0.017077	0.73485
2547	493528.11	3860597.94	5.89583	9.6499	7.86799	11.84894	5.34E-01	0.04082	0.00015	0.02744	0.60271	6.74E-01	0.051526	0.000125	0.016021	7.42E-01	0.664753	0.044316	0.000102	0.017016	0.726187
2548	493561.88	3860524.64	5.77854	9.81688	7.708	12.09168	5.24E-01	0.04153	0.00014	0.02801	0.59334	6.61E-01	0.052417	0.000123	0.016349	7.30E-01	0.651528	0.045083	0.0001	0.017364	0.714076
2549	493591.88	3860524.64	5.72511	9.77833	7.63287	12.05657	5.19E-01	0.04137	0.00014	0.02793	0.58826	6.55E-01	0.052212	0.000121	0.016302	7.23E-01	0.645504	0.044906	9.91E-05	0.017314	0.707823
2550	493561.88	3860554.64	5.81064	9.76126	7.76258	12.01972	5.27E-01	0.0413	0.00015	0.02784	0.59585	6.65E-01	0.05212	0.000123	0.016252	7.33E-01	0.655148	0.044827	0.000101	0.017261	0.717337
2551	493591.88	3860554.64	5.76944	9.75055	7.69548	12.00904	5.23E-01	0.04125	0.00014	0.02782	0.59205	6.60E-01	0.052063	0.000122	0.016238	7.28E-01	0.650502	0.044778	9.99E-05	0.017246	0.712626
2552	492880.5	3860293.11	6.61541	10.92215	8.8904	13.1407	6.00E-01	0.04621	0.00017	0.03044	0.67631	7.57E-01	0.058319	0.000141	0.017768	8.33E-01	0.745885	0.050159	0.000115	0.018871	0.81503
2553	492930.5	3860293.11	6.58151	10.90388	8.88086	13.09	5.96E-01	0.04613	0.00017	0.03032	0.67304	7.53E-01	0.058221	0.000141	0.017699	8.29E-01	0.742063	0.050075	0.000115	0.018798	0.811051
2554	492980.5	3860293.11	6.53955	10.92341	8.84156	13.03008	5.93E-01	0.04621	0.00017	0.03018	0.66918	7.48E-01	0.058326	0.000141	0.017618	8.24E-01	0.737332	0.050164	0.000115	0.018712	0.806323
2555	493030.5	3860293.11	6.51632	11.0256	8.84164	13.7608	5.91E-01	0.04664	0.00017	0.03187	0.6692	7.45E-01	0.058871	0.000141	0.018606	8.23E-01	0.734713	0.050634	0.000115	0.019761	0.805223
2556	493080.5	3860293.11	6.49389	11.09141	8.80647	14.0796	5.88E-01	0.04692	0.00016	0.03261	0.66819	7.43E-01	0.059223	0.00014	0.019037	8.21E-01	0.732184	0.050936	0.000114	0.020219	0.803453
2557	493130.5	3860293.11	6.35379	10.8929	8.57565	13.84326	5.76E-01	0.04608	0.00016	0.03206	0.6541	7.27E-01	0.058163	0.000136	0.018718	8.04E-01	0.716388	0.050024	0.000111	0.01988	0.786403
2558	493180.5	3860293.11	6.20912	10.69183	8.34363	13.50777	5.63E-01	0.04523	0.00016	0.03129	0.63936	7.10E-01	0.057089	0.000133	0.018264	7.86E-01	0.700076	0.049101	0.000108	0.019398	0.768683

2559	493230.5	3860293.11	6.10611	10.57866	8.17449	13.34327	5.53E-01	0.04475	0.00015	0.03091	0.62916	6.98E-01	0.056485	0.00013	0.018042	7.73E-01	0.688462	0.048581	0.000106	0.019162	0.756311
2560	493280.5	3860293.11	6.04739	10.54066	8.08813	13.43016	5.48E-01	0.04459	0.00015	0.03111	0.62388	6.92E-01	0.056282	0.000129	0.018159	7.66E-01	0.681841	0.048407	0.000105	0.019286	0.749639
2561	493330.5	3860293.11	5.96415	10.44098	8.01328	13.33992	5.40E-01	0.04417	0.00015	0.0309	0.6157	6.82E-01	0.05575	0.000127	0.018037	7.56E-01	0.672456	0.047949	0.000104	0.019157	0.739666
2562	493380.5	3860293.11	5.94872	10.3053	7.9717	13.19158	5.39E-01	0.0436	0.00015	0.03055	0.61339	6.80E-01	0.055025	0.000127	0.017836	7.53E-01	0.670716	0.047326	0.000103	0.018944	0.737089
2563	492880.5	3860343.11	6.56066	10.69704	8.68093	13.24468	5.95E-01	0.04525	0.00016	0.03068	0.67063	7.50E-01	0.057117	0.000138	0.017908	8.26E-01	0.739712	0.049125	0.000113	0.01902	0.80797
2564	492930.5	3860343.11	6.54043	10.7199	8.72578	13.05075	5.93E-01	0.04535	0.00016	0.03023	0.66845	7.48E-01	0.057239	0.000139	0.017646	8.23E-01	0.737431	0.04923	0.000113	0.018742	0.805516
2565	492980.5	3860343.11	6.58553	10.86702	8.84263	12.91414	5.97E-01	0.04597	0.00017	0.02991	0.67284	7.53E-01	0.058025	0.000141	0.017461	8.29E-01	0.742516	0.049905	0.000115	0.018545	0.811082
2566	493030.5	3860343.11	6.5278	10.81595	8.80299	12.86452	5.92E-01	0.04576	0.00016	0.0298	0.66728	7.47E-01	0.057752	0.00014	0.017394	8.22E-01	0.736007	0.049671	0.000114	0.018474	0.804266
2567	493080.5	3860343.11	6.50994	10.93312	8.82473	13.70585	5.90E-01	0.04625	0.00017	0.03175	0.66811	7.45E-01	0.058378	0.00014	0.018532	8.22E-01	0.733994	0.050209	0.000115	0.019682	0.803999
2568	493130.5	3860343.11	6.41705	10.85063	8.68824	13.61574	5.82E-01	0.0459	0.00016	0.03154	0.65913	7.34E-01	0.057937	0.000138	0.01841	8.10E-01	0.72352	0.04983	0.000113	0.019553	0.793016
2569	493180.5	3860343.11	6.28524	10.67387	8.47719	12.77977	5.70E-01	0.04516	0.00016	0.0296	0.6445	7.19E-01	0.056993	0.000135	0.01728	7.93E-01	0.708659	0.049018	0.00011	0.018352	0.776139
2570	493230.5	3860343.11	6.18272	10.56721	8.30772	12.71953	5.60E-01	0.0447	0.00016	0.02946	0.63461	7.07E-01	0.056424	0.000132	0.017198	7.81E-01	0.6971	0.048529	0.000108	0.018266	0.764002
2571	493280.5	3860343.11	6.10352	10.51518	8.18898	13.32924	5.53E-01	0.04448	0.00015	0.03087	0.62862	6.98E-01	0.056146	0.00013	0.018023	7.72E-01	0.68817	0.04829	0.000106	0.019141	0.755707
2572	493330.5	3860343.11	6.03207	10.46229	8.07295	13.35981	5.47E-01	0.04426	0.00015	0.03094	0.62199	6.90E-01	0.055864	0.000128	0.018064	7.64E-01	0.680114	0.048047	0.000105	0.019185	0.747451
2573	493380.5	3860343.11	5.9463	10.36864	7.94827	13.24699	5.39E-01	0.04386	0.00015	0.03068	0.61356	6.80E-01	0.055364	0.000126	0.017911	7.54E-01	0.670443	0.047617	0.000103	0.019023	0.737186
2574	492880.5	3860393.11	6.47208	10.67962	8.36477	13.37822	5.87E-01	0.04518	0.00016	0.03099	0.66284	7.40E-01	0.057024	0.000133	0.018089	8.16E-01	0.729725	0.049045	0.000109	0.019212	0.79809
2575	492930.5	3860393.11	6.48557	10.58006	8.49028	13.21147	5.88E-01	0.04476	0.00016	0.0306	0.66325	7.42E-01	0.056492	0.000135	0.017863	8.16E-01	0.731246	0.048588	0.00011	0.018972	0.798916
2576	492980.5	3860393.11	6.51051	10.59094	8.61015	13.00969	5.90E-01	0.04481	0.00016	0.03013	0.6651	7.45E-01	0.056551	0.000137	0.017591	8.19E-01	0.734058	0.048638	0.000112	0.018683	0.80149
2577	493030.5	3860393.11	6.5048	10.64539	8.66927	12.82094	5.89E-01	0.04504	0.00016	0.0297	0.66437	7.44E-01	0.056841	0.000138	0.017335	8.18E-01	0.733414	0.048888	0.000113	0.018412	0.800826
2578	493080.5	3860393.11	6.5017	10.76144	8.7562	13.36497	5.89E-01	0.04553	0.00016	0.03096	0.66584	7.44E-01	0.057461	0.000139	0.018071	8.19E-01	0.733064	0.049421	0.000114	0.019193	0.801791
2579	493130.5	3860393.11	6.42649	10.64318	8.66224	12.65136	5.82E-01	0.04503	0.00016	0.0293	0.65687	7.35E-01	0.056829	0.000138	0.017106	8.09E-01	0.724585	0.048877	0.000112	0.018168	0.791742
2580	493180.5	3860393.11	6.32173	10.53128	8.51194	12.63396	5.73E-01	0.04455	0.00016	0.02926	0.64686	7.23E-01	0.056232	0.000135	0.017082	7.97E-01	0.712773	0.048364	0.00011	0.018143	0.77939
2581	493230.5	3860393.11	6.24723	10.49904	8.40818	12.62775	5.66E-01	0.04442	0.00016	0.02925	0.63996	7.15E-01	0.05606	0.000134	0.017074	7.88E-01	0.704373	0.048215	0.000109	0.018134	0.770832
2582	493280.5	3860393.11	6.18392	10.50687	8.32371	12.58532	5.60E-01	0.04445	0.00016	0.02915	0.63416	7.07E-01	0.056102	0.000132	0.017017	7.81E-01	0.697235	0.048251	0.000108	0.018073	0.763668
2583	493330.5	3860393.11	6.10228	10.45298	8.19205	13.19291	5.53E-01	0.04422	0.00015	0.03056	0.62793	6.98E-01	0.055814	0.00013	0.017838	7.72E-01	0.68803	0.048004	0.000106	0.018946	0.755086
2584	493380.5	3860393.11	6.00133	10.34936	8.03959	13.16552	5.44E-01	0.04378	0.00015	0.03049	0.61828	6.86E-01	0.055261	0.000128	0.017801	7.60E-01	0.676648	0.047528	0.000104	0.018906	0.743187
2585	492880.5	3860443.11	6.36789	10.67502	8.09836	13.38353	5.77E-01	0.04516	0.00015	0.031	0.65338	7.28E-01	0.056999	0.000129	0.018096	8.04E-01	0.717977	0.049024	0.000105	0.019219	0.786326
2586	492930.5	3860443.11	6.37364	10.58247	8.17109	13.27762	5.78E-01	0.04477	0.00015	0.03075	0.65327	7.29E-01	0.056505	0.00013	0.017953	8.04E-01	0.718626	0.048599	0.000106	0.019067	0.786398
2587	492980.5	3860443.11	6.40598	10.52897	8.28468	13.15125	5.81E-01	0.04454	0.00016	0.03046	0.65568	7.33E-01	0.05622	0.000132	0.017782	8.07E-01	0.722272	0.048353	0.000108	0.018886	0.789618
2588	493030.5	3860443.11	6.42648	10.4466	8.41284	12.98269	5.82E-01	0.04419	0.00016	0.03007	0.6568	7.35E-01	0.05578	0.000134	0.017554	8.09E-01	0.724583	0.047975	0.000109	0.018644	0.791311
2589	493080.5	3860443.11	6.40873	10.3948	8.47069	12.77485	5.81E-01	0.04398	0.00016	0.02959	0.6545	7.33E-01	0.055503	0.000135	0.017273	8.06E-01	0.722582	0.047737	0.00011	0.018345	0.788774
2590	493130.5	3860443.11	6.38097	10.41233	8.49543	12.60364	5.78E-01	0.04405	0.00016	0.02919	0.65166	7.30E-01	0.055597	0.000135	0.017041	8.03E-01	0.719452	0.047817	0.00011	0.018099	0.785479
2591	493180.5	3860443.11	6.29092	10.31062	8.41845	12.50094	5.70E-01	0.04362	0.00016	0.02895	0.64283	7.20E-01	0.055054	0.000134	0.016903	7.92E-01	0.709299	0.04735	0.000109	0.017952	0.774711
2592	493230.5	3860443.11	6.27834	10.34225	8.4267	12.45681	5.69E-01	0.04375	0.00016	0.02885	0.64172	7.18E-01	0.055223	0.000134	0.016843	7.90E-01	0.707881	0.047495	0.000109	0.017889	0.773374
2593	493280.5	3860443.11	6.23014	10.37117	8.37114	12.44125	5.65E-01	0.04388	0.00016	0.02882	0.63744	7.13E-01	0.055377	0.000133	0.016822	7.85E-01	0.702446	0.047628	0.000109	0.017866	0.768049
2594	493330.5	3860443.11	6.17193	10.39952	8.30665	12.43057	5.59E-01	0.044	0.00016	0.02879	0.63226	7.06E-01	0.055528	0.000132	0.016807	7.78E-01	0.695883	0.047758	0.000108	0.017851	0.7616
2595	493380.5	3860443.11	6.07701	10.31954	8.15555	12.39972	5.51E-01	0.04366	0.00015	0.02872	0.62324	6.95E-01	0.055101	0.00013	0.016766	7.67E-01	0.685181	0.047391	0.000106	0.017807	0.750484
2596	493180.5	3860493.11	6.27345	10.14159	8.28678	12.54211	5.69E-01	0.0429	0.00016	0.02905	0.64062	7.18E-01	0.054151	0.000132	0.016958	7.89E-01	0.707329	0.046574	0.000108	0.018011	0.772022
2597	493230.5	3860493.11	6.2587	10.18629	8.32374	12.39316	5.67E-01	0.04309	0.00016	0.0287	0.63913	7.16E-01	0.05439	0.000132	0.016757	7.87E-01	0.705666	0.046779	0.000108	0.017797	0.770351
2598	493280.5	3860493.11	6.23604	10.20972	8.33238	12.30439	5.65E-01	0.04319	0.00016	0.0285	0.63697	7.13E-01	0.054515	0.000132	0.016637	7.85E-01	0.703111	0.046887	0.000108	0.01767	0.767776
2599	493330.5	3860493.11	6.19037	10.18769	8.29359	12.2568	5.61E-01	0.0431	0.00016	0.02839	0.63263	7.08E-01	0.054397	0.000132	0.016573	7.79E-01	0.697962	0.046786	0.000108	0.017601	0.762457
2600	493380.5	3860493.11	6.10882	10.15883	8.19162	12.25735	5.54E-01	0.04298	0.00015	0.02839	0.62511	6.99E-01	0.054243	0.00013	0.016573	7.70E-01	0.688767	0.046653	0.000106	0.017602	0.753129
2601	493330.5	3860543.11	6.18036	10.04267	8.21027	12.19156	5.60E-01	0.04249	0.00015	0.02824	0.63095	7.07E-01	0.053623	0.00013	0.016484	7.77E-01	0.696833	0.04612	0.000107	0.017508	0.760567
2602	493380.5	3860543.11	6.11436	9.99019	8.15789	12.10951	5.54E-01	0.04226	0.00015	0.02805	0.62456	6.99E-01	0.053343	0.00013	0.016373	7.69E-01	0.689392	0.045879	0.000106	0.01739	0.752766
2603	494135.94	3860876.85	5.21355	8.63659	6.88781	10.87526	4.72E-01	0.03654	0.00013	0.02519	0.53432	5.96E-01	0.046115	0.000109	0.014705	6.57E-01	0.587826	0.039662	8.94E-05	0.015617	0.643195
2604	494185.94	3860876.85	5.13474	8.61838	6.78596	10.88398	4.65E-01	0.03646	0.00013	0.02521	0.52712	5.87E-01	0.046018	0.000108	0.014716	6.48E-01	0.57894	0.039579	8.81E-05	0.01563	0.634237
2605	494135.94	3860926.85	5.23878	8.47748	6.90721	10.64401	4.75E-01	0.03586	0.00013	0.02465	0.5354	5.99E-01	0.045266	0.00011	0.014392	6.59E-01	0.590671	0.038932	8.97E-05	0.015285	0.644977
2606	494185.94	3860926.85	5.17788	8.46517	6.83223	10.67056	4.69E-01	0.03581	0.00013	0.02472	0.52989	5.92E-01	0.0452	0.000109	0.014428	6.52E-01	0.583804	0.038875	8.87E-05	0.015323	0.638092
2607	494135.94	3860976.85	5.24322	8.34317	6.863	10.61184	4.75E-01	0.0353	0.00013	0.02458	0.53515	6.00E-01	0.044549	0.000109	0.014348	6.59E-01	0.591171	0.038315	8.91E-05	0.015239	0.644814
2608	494185.94	3860976.85	5.19759	8.34068	6.82841	10.51296	4.71E-01	0.03529	0.00013	0.02435	0.53078	5.94E-01	0.044535	0.000109	0.014215	6.53E-01	0.586026	0.038304	8.86E-05	0.015097	0.639516
2609	494135.94	3861026.85	5.21864	8.28064	6.74389	10.62786	4.73E-01	0.03503	0.00013	0.02462	0.5327	5.97E-01	0.044215	0.000107	0.01437	6.56E-01	0.5884	0.038028	8.75E-05	0.015262	0.641777
2610	494185.94	3861026.85	5.18913	8.22113	6.75161	10.52159	4.70E-01	0.03478	0.00013	0.02437	0.52953	5.94E-01	0.043897	0.000107	0.014226	6.52E-01	0.585073	0.037754	8.76E-05	0.01511	0.638024
2611	494135.94	3861076.85	5.17322	8.30842	6.56182	10.70002	4.69E-01	0.03515	0.00012	0.02478	0.52886	5.92E-01	0.044363	0.000104	0.014468	6.51E-01	0.583279	0.038155	8.52E-05	0.015366	0.636885
2612	494185.94	3861076.85	5.15606	8.22527	6.6068	10.57986	4.67E-01	0.0348	0.00012	0.0245	0.52668	5.90E-01	0.043919	0.000105	0.014305	6.48E-01	0.581344	0.037773	8.58E-05	0.015193	0.634396
2613	490360.04	3858710.04	9.55728	18.67185	13.51472	17.47005	8.66E-01	0.07899	0.00025	0.04046	0.98581	1.09E+00	0.099699	0.000215	0.023621	1.22E+00	1.07758	0.085748	0.000175	0.025088	1.188591
2614	490410.04	3858710.04	9.50709	18.4132	13.37972	17.14881	8.62E-01	0.0779	0.00025	0.03972	0.97942	1.09E+00	0.098318	0.000213	0.023187	1.21E+00	1.071921	0.08456	0.000174	0.024627	1.181282
2615	490460.04	3858710.04	9.46489	18.38278	13.284	16.73673	8.58E-01	0.07777	0.00025	0.03877	0.97451	1.08E+00	0.098155	0.000211	0.02263	1.20E+00	1.067163	0.084421	0.000172	0.024035	1.175791
2616	490510.04	3858710.04	9.35836	18.38649	13.17304	16.37464	8.48E-01	0.07778	0.00025	0.03793	0.96403	1.07E+00	0.098175	0.000209	0.02214	1.19E+00	1.055152	0.084438	0.000171	0.023515	1.163275
2617	490560.04	3858710.04	9.22532	18.25695	13.06449	16.05167	8.36E-01	0.07724	0.00024	0.03718	0.95068	1.06E+00	0.097483	0.000208	0.021704	1.17E+00	1.040152	0.083843	0.00017	0.023051	1.147215
2618	490610.04	3858710.04	9.12315	18.13136	12.99995	15.6994	8.27E-01	0.0767	0.00024	0.03636	0.94007	1.04E+00	0.096813	0.000207	0.021227	1.16E+00	1.028632	0.083266	0.000169	0.022545	1.134612
2619	490660.04	3858710.04	8.99452	17.89853	12.90803	15.46715	8.15E-01	0.07572	0.00024	0.03582	0.92689	1.03E+00	0.09557	0.000205	0.020913	1.15E+00	1.014129	0.082197	0.000168	0.022212	1.118705

2620	490710.04	3858710.04	8.90311	17.76079	12.82659	15.11047	8.07E-01	0.07514	0.00024	0.035	0.91719	1.02E+00	0.094834	0.000204	0.020431	1.13E+00	1.003823	0.081564	0.000166	0.021699	1.107253
2621	490760.04	3858710.04	8.86414	17.50926	12.71749	14.8234	8.03E-01	0.07407	0.00024	0.03433	0.91193	1.01E+00	0.093491	0.000202	0.020043	1.13E+00	0.999429	0.080409	0.000165	0.021287	1.10129
2622	490810.04	3858710.04	8.81852	17.21619	12.58525	14.50411	7.99E-01	0.07283	0.00024	0.03359	0.90582	1.01E+00	0.091926	0.0002	0.019611	1.12E+00	0.994285	0.079063	0.000163	0.020829	1.09434
2623	490860.04	3858710.04	8.81346	17.06866	12.45433	14.1208	7.99E-01	0.07221	0.00023	0.03271	0.90384	1.01E+00	0.091138	0.000198	0.019093	1.12E+00	0.993715	0.078386	0.000162	0.020278	1.09254
2624	490360.04	3858760.04	9.59222	18.61775	13.86548	17.91099	8.69E-01	0.07876	0.00026	0.04149	0.98977	1.10E+00	0.09941	0.00022	0.024218	1.22E+00	1.08152	0.0855	0.00018	0.025721	1.19292
2625	490410.04	3858760.04	9.57935	18.54897	13.6378	17.55904	8.68E-01	0.07847	0.00026	0.04067	0.9875	1.10E+00	0.099043	0.000217	0.023742	1.22E+00	1.080068	0.085184	0.000177	0.025216	1.190645
2626	490460.04	3858760.04	9.5482	18.41637	13.46208	17.14124	8.65E-01	0.07791	0.00025	0.0397	0.98314	1.09E+00	0.098335	0.000214	0.023177	1.21E+00	1.076556	0.084575	0.000175	0.024616	1.185922
2627	490510.04	3858760.04	9.47278	18.21281	13.3123	16.70994	8.58E-01	0.07705	0.00025	0.0387	0.97445	1.08E+00	0.097248	0.000212	0.022594	1.20E+00	1.068053	0.08364	0.000173	0.023996	1.175862
2628	490560.04	3858760.04	9.3495	17.97015	13.15455	16.33589	8.47E-01	0.07602	0.00025	0.03784	0.96138	1.07E+00	0.095952	0.000209	0.022088	1.19E+00	1.054153	0.082526	0.000171	0.023459	1.160308
2629	490610.04	3858760.04	9.25553	17.99177	13.07621	15.98536	8.39E-01	0.07611	0.00024	0.03703	0.95214	1.06E+00	0.096067	0.000208	0.021614	1.18E+00	1.043558	0.082625	0.00017	0.022956	1.149308
2630	490660.04	3858760.04	9.15467	17.92879	12.99014	15.64331	8.30E-01	0.07585	0.00024	0.03623	0.94194	1.05E+00	0.095731	0.000206	0.021151	1.16E+00	1.032186	0.082336	0.000169	0.022465	1.137155
2631	490710.04	3858760.04	9.06846	17.7968	12.97746	15.34791	8.22E-01	0.07529	0.00024	0.03555	0.93288	1.04E+00	0.095026	0.000206	0.020752	1.15E+00	1.022466	0.08173	0.000168	0.02204	1.126404
2632	490760.04	3858760.04	8.93543	17.62879	12.90848	14.97537	8.10E-01	0.07458	0.00024	0.03469	0.91925	1.02E+00	0.094129	0.000205	0.020248	1.14E+00	1.007467	0.080958	0.000168	0.021505	1.110098
2633	490810.04	3858760.04	8.89515	17.45078	12.79219	14.62522	8.06E-01	0.07383	0.00024	0.03387	0.91404	1.02E+00	0.093179	0.000203	0.019775	1.13E+00	1.002925	0.08014	0.000166	0.021003	1.104234
2634	490860.04	3858760.04	8.88057	17.22726	12.65123	14.31432	8.05E-01	0.07288	0.00024	0.03315	0.91105	1.02E+00	0.091985	0.000201	0.019355	1.13E+00	1.001281	0.079114	0.000164	0.020556	1.101116
2635	490360.04	3858810.04	9.58456	18.48911	14.12463	18.28156	8.69E-01	0.07822	0.00026	0.04234	0.9894	1.10E+00	0.098723	0.000224	0.024719	1.22E+00	1.080656	0.084909	0.000183	0.026253	1.192001
2636	490410.04	3858810.04	9.60421	18.46914	13.9939	17.88156	8.70E-01	0.07813	0.00026	0.04142	0.99017	1.10E+00	0.098616	0.000222	0.024178	1.22E+00	1.082871	0.084817	0.000182	0.025679	1.193549
2637	490460.04	3858810.04	9.57303	18.39616	13.77498	17.42471	8.68E-01	0.07783	0.00026	0.04036	0.98597	1.09E+00	0.098227	0.000219	0.02356	1.22E+00	1.079356	0.084482	0.000179	0.025023	1.189039
2638	490510.04	3858810.04	9.53674	18.21644	13.53879	17.08912	8.64E-01	0.07706	0.00025	0.03958	0.98114	1.09E+00	0.097267	0.000215	0.023106	1.21E+00	1.075264	0.083657	0.000176	0.024541	1.183637
2639	490560.04	3858810.04	9.44371	18.15263	13.32637	16.71374	8.56E-01	0.07679	0.00025	0.03871	0.97157	1.08E+00	0.096926	0.000212	0.022599	1.20E+00	1.064775	0.083364	0.000173	0.024002	1.172313
2640	490610.04	3858810.04	9.38105	17.9912	13.19744	16.29479	8.50E-01	0.07611	0.00025	0.03774	0.96423	1.07E+00	0.096064	0.00021	0.022032	1.19E+00	1.05771	0.082622	0.000171	0.0234	1.163904
2641	490660.04	3858810.04	9.29527	17.7166	13.09025	15.95355	8.42E-01	0.07495	0.00025	0.03695	0.9545	1.06E+00	0.094598	0.000208	0.021571	1.18E+00	1.048039	0.081361	0.00017	0.02291	1.15248
2642	490710.04	3858810.04	9.17938	17.48665	13.00805	15.56862	8.32E-01	0.07398	0.00024	0.03606	0.94214	1.05E+00	0.09337	0.000207	0.02105	1.16E+00	1.034972	0.080305	0.000169	0.022357	1.137803
2643	490760.04	3858810.04	9.14199	17.4939	12.96303	15.1107	8.28E-01	0.07401	0.00024	0.035	0.93772	1.05E+00	0.093409	0.000206	0.020431	1.16E+00	1.030756	0.080338	0.000168	0.0217	1.132963
2644	490810.04	3858810.04	9.00572	17.34344	12.89592	14.83831	8.16E-01	0.07337	0.00024	0.03437	0.9241	1.03E+00	0.092606	0.000205	0.020063	1.14E+00	1.015392	0.079648	0.000167	0.021309	1.116515
2645	490860.04	3858810.04	8.95983	17.1863	12.86598	14.43818	8.12E-01	0.07271	0.00024	0.03344	0.91835	1.02E+00	0.091767	0.000204	0.019522	1.14E+00	1.010218	0.078926	0.000167	0.020734	1.110045
2646	490360.04	3858860.04	9.52601	18.66053	14.18238	18.51505	8.63E-01	0.07894	0.00027	0.04288	0.98536	1.09E+00	0.099638	0.000225	0.025034	1.21E+00	1.074054	0.085696	0.000184	0.026589	1.186523
2647	490410.04	3858860.04	9.54323	18.28852	14.11592	18.20433	8.65E-01	0.07737	0.00026	0.04216	0.98463	1.09E+00	0.097652	0.000224	0.024614	1.21E+00	1.075996	0.083988	0.000183	0.026142	1.186309
2648	490460.04	3858860.04	9.56487	18.21015	14.03389	17.7434	8.67E-01	0.07704	0.00026	0.0411	0.98519	1.09E+00	0.097233	0.000223	0.023991	1.22E+00	1.078436	0.083628	0.000182	0.02548	1.187726
2649	490510.04	3858860.04	9.54738	18.10593	13.84527	17.46104	8.65E-01	0.0766	0.00026	0.04044	0.9825	1.09E+00	0.096677	0.00022	0.023609	1.21E+00	1.076464	0.083149	0.00018	0.025075	1.184868
2650	490560.04	3858860.04	9.48679	18.09155	13.593	17.0314	8.60E-01	0.07654	0.00025	0.03945	0.97595	1.09E+00	0.0966	0.000216	0.023028	1.20E+00	1.069632	0.083083	0.000176	0.024458	1.17735
2651	490610.04	3858860.04	9.45995	17.9906	13.41715	16.53622	8.57E-01	0.07611	0.00025	0.0383	0.97194	1.08E+00	0.096061	0.000213	0.022359	1.20E+00	1.066606	0.08262	0.000174	0.023747	1.173147
2652	490660.04	3858860.04	9.39493	17.83565	13.25711	16.17247	8.51E-01	0.07545	0.00025	0.03746	0.96455	1.07E+00	0.095234	0.000211	0.021867	1.19E+00	1.059275	0.081908	0.000172	0.023225	1.16458
2653	490710.04	3858860.04	9.31177	17.64973	13.09301	15.86923	8.44E-01	0.07467	0.00025	0.03676	0.95552	1.07E+00	0.094241	0.000208	0.021457	1.18E+00	1.049899	0.081054	0.00017	0.022789	1.153912
2654	490760.04	3858860.04	9.24191	17.4136	12.984	15.4074	8.38E-01	0.07367	0.00024	0.03569	0.94712	1.06E+00	0.09298	0.000206	0.020832	1.17E+00	1.042022	0.07997	0.000169	0.022126	1.144286
2655	490810.04	3858860.04	9.18173	17.11451	12.96076	14.9621	8.32E-01	0.0724	0.00024	0.03466	0.93937	1.05E+00	0.091383	0.000206	0.02023	1.16E+00	1.035237	0.078596	0.000168	0.021486	1.135488
2656	490860.04	3858860.04	9.12427	16.88566	13.02665	14.49442	8.27E-01	0.07143	0.00024	0.03357	0.93211	1.04E+00	0.090161	0.000207	0.019598	1.15E+00	1.028758	0.077545	0.000169	0.020815	1.127287
2657	490360.04	3858910.04	9.39266	19.03006	14.01061	19.00139	8.51E-01	0.08051	0.00026	0.04401	0.97596	1.07E+00	0.101611	0.000223	0.025692	1.20E+00	1.059019	0.087393	0.000182	0.027287	1.173881
2658	490410.04	3858910.04	9.43328	18.74465	14.04803	18.57756	8.55E-01	0.0793	0.00026	0.04303	0.97746	1.08E+00	0.100087	0.000223	0.025119	1.20E+00	1.063599	0.086082	0.000182	0.026678	1.176542
2659	490460.04	3858910.04	9.48156	18.40036	14.04069	18.15669	8.59E-01	0.07784	0.00026	0.04205	0.9794	1.08E+00	0.098249	0.000223	0.02455	1.21E+00	1.069043	0.084501	0.000182	0.026074	1.1798
2660	490510.04	3858910.04	9.51525	18.04977	14.01184	17.71263	8.62E-01	0.07636	0.00026	0.04103	0.97994	1.09E+00	0.096377	0.000223	0.023949	1.21E+00	1.072841	0.082891	0.000182	0.025436	1.181351
2661	490560.04	3858910.04	9.47919	17.95541	13.86042	17.23485	8.59E-01	0.07596	0.00026	0.03992	0.97516	1.08E+00	0.095873	0.00022	0.023303	1.20E+00	1.068775	0.082458	0.00018	0.02475	1.176163
2662	490610.04	3858910.04	9.46779	17.83189	13.70188	16.77741	8.58E-01	0.07544	0.00026	0.03886	0.97255	1.08E+00	0.095214	0.000218	0.022685	1.20E+00	1.06749	0.081891	0.000178	0.024093	1.173652
2663	490660.04	3858910.04	9.4312	17.79007	13.4651	16.38257	8.55E-01	0.07526	0.00025	0.03795	0.96813	1.08E+00	0.09499	0.000214	0.022151	1.20E+00	1.063365	0.081699	0.000175	0.023526	1.168764
2664	490710.04	3858910.04	9.41276	17.65747	13.27162	15.93521	8.53E-01	0.0747	0.00025	0.03691	0.96486	1.08E+00	0.094282	0.000211	0.021546	1.19E+00	1.061285	0.08109	0.000172	0.022884	1.165431
2665	490760.04	3858910.04	9.40406	17.44235	13.18309	15.41331	8.52E-01	0.07379	0.00025	0.0357	0.96195	1.08E+00	0.093134	0.00021	0.02084	1.19E+00	1.060305	0.080102	0.000171	0.022134	1.162712
2666	490810.04	3858910.04	9.34555	17.26666	13.08457	15.02326	8.47E-01	0.07305	0.00024	0.0348	0.955	1.07E+00	0.092196	0.000208	0.020313	1.18E+00	1.053708	0.079295	0.00017	0.021574	1.154747
2667	490860.04	3858910.04	9.31367	17.00824	13.23267	14.47491	8.44E-01	0.07195	0.00025	0.03353	0.94975	1.07E+00	0.090816	0.00021	0.019572	1.18E+00	1.050113	0.078108	0.000172	0.020787	1.14918
2668	490360.04	3858960.04	9.27488	19.06603	13.65852	19.3116	8.41E-01	0.08066	0.00026	0.04473	0.96615	1.06E+00	0.101803	0.000217	0.026111	1.19E+00	1.04574	0.087558	0.000177	0.027732	1.161208
2669	490410.04	3858960.04	9.32726	19.04296	13.8258	18.87532	8.45E-01	0.08056	0.00026	0.04372	0.96979	1.07E+00	0.10168	0.00022	0.025521	1.19E+00	1.051645	0.087452	0.000179	0.027106	1.166383
2670	490460.04	3858960.04	9.38362	18.89309	13.9594	18.38951	8.50E-01	0.07993	0.00026	0.04259	0.97315	1.07E+00	0.10088	0.000222	0.024865	1.20E+00	1.058	0.086764	0.000181	0.026408	1.171354
2671	490510.04	3858960.04	9.39631	18.6724	13.95225	17.90241	8.52E-01	0.07899	0.00026	0.04147	0.97223	1.07E+00	0.099702	0.000222	0.024206	1.20E+00	1.059431	0.085751	0.000181	0.025709	1.171071
2672	490560.04	3858960.04	9.40925	18.31509	13.91322	17.40669	8.53E-01	0.07748	0.00026	0.04032	0.97075	1.08E+00	0.097794	0.000221	0.023536	1.20E+00	1.06089	0.08411	0.000181	0.024997	1.170177
2673	490610.04	3858960.04	9.42958	17.99649	13.8712	16.88129	8.55E-01	0.07613	0.00026	0.0391	0.97002	1.08E+00	0.096093	0.00022	0.022825	1.20E+00	1.063182	0.082647	0.00018	0.024242	1.170251
2674	490660.04	3858960.04	9.42751	17.67925	13.70711	16.58132	8.54E-01	0.07479	0.00026	0.03841	0.9678	1.08E+00	0.094399	0.000218	0.02242	1.20E+00	1.062949	0.08119	0.000178	0.023812	1.168128
2675	490710.04	3858960.04	9.46251	17.52867	13.5215	16.02363	8.58E-01	0.07416	0.00025	0.03711	0.96903	1.08E+00	0.093595	0.000215	0.021666	1.20E+00	1.066895	0.080498	0.000176	0.023011	1.170579
2676	490760.04	3858960.04	9.48758	17.39907	13.35344	15.52181	8.60E-01	0.07361	0.00025	0.03595	0.96959	1.09E+00	0.092903	0.000212	0.020987	1.20E+00	1.069721	0.079903	0.000173	0.02229	1.172088
2677	490810.04	3858960.04	9.51105	17.25097	13.32745	15.00415	8.62E-01	0.07298	0.00025	0.03475	0.96989	1.09E+00	0.092112	0.000212	0.020287	1.20E+00	1.072368	0.079223	0.000173	0.021547	1.17331
2678	490860.04	3858960.04	9.58104	17.01552	13.45938	14.38009	8.68E-01	0.07198	0.00025	0.03331	0.9738	1.10E+00	0.090855	0.000214	0.019443	1.21E+00	1.080259	0.078142	0.000175	0.020651	1.179226
2679	490360.04	3859010.04	9.14446	18.74247	13.34011	19.70322	8.29E-01	0.07929	0.00025	0.04564	0.95387	1.05E+00	0.100076	0.000212	0.026641	1.17E+00	1.031035	0.086072	0.000173	0.028295	1.145575
2680	490410.04	3859010.04	9.21085	18.84556	13.44445	19.21769	8.35E-01	0.07973	0.00025	0.04451	0.9592	1.05E+00	0.100626	0.000214	0.025984	1.18E+00	1.03852	0.086546	0.000175	0.027598	1.152838

2681	490460.04	3859010.04	9.23935	19.04412	13.60945	18.57122		8.37E-01	0.08057	0.00025	0.04301	0.96112		1.06E+00	0.101686	0.000216	0.02511	1.18E+00		1.041734	0.087458	0.000177	0.026669	1.156037
2682	490510.04	3859010.04	9.28545	19.05571	13.79747	17.94521		8.41E-01	0.08062	0.00026	0.04156	0.96391		1.06E+00	0.101748	0.000219	0.024264	1.19E+00		1.046931	0.087511	0.000179	0.02577	1.160392
2683	490560.04	3859010.04	9.31725	18.84168	13.85874	17.57735		8.44E-01	0.07971	0.00026	0.04071	0.96503		1.07E+00	0.100606	0.00022	0.023766	1.19E+00		1.050517	0.086528	0.00018	0.025242	1.162467
2684	490610.04	3859010.04	9.37372	18.59599	13.86231	16.9739		8.49E-01	0.07867	0.00026	0.03931	0.96771		1.07E+00	0.099294	0.00022	0.022951	1.19E+00		1.056884	0.0854	0.00018	0.024375	1.166839
2685	490660.04	3859010.04	9.38736	18.20328	13.79121	16.66296		8.51E-01	0.07701	0.00026	0.03859	0.96656		1.07E+00	0.097197	0.000219	0.02253	1.19E+00		1.058422	0.083596	0.000179	0.023929	1.166126
2686	490710.04	3859010.04	9.47984	17.81569	13.7505	16.02136		8.59E-01	0.07537	0.00026	0.03711	0.97182		1.08E+00	0.095127	0.000219	0.021663	1.20E+00		1.068849	0.081816	0.000178	0.023008	1.173851
2687	490760.04	3859010.04	9.55393	17.40053	13.70294	15.43028		8.66E-01	0.07361	0.00026	0.03574	0.97541		1.09E+00	0.09291	0.000218	0.020863	1.21E+00		1.077202	0.07991	0.000178	0.022159	1.179449
2688	490810.04	3859010.04	9.66676	17.15758	13.71952	14.8316		8.76E-01	0.07259	0.00026	0.03435	0.98322		1.11E+00	0.091613	0.000218	0.020054	1.22E+00		1.089924	0.078794	0.000178	0.021299	1.190195
2689	490860.04	3859010.04	9.74925	16.94594	13.77588	14.2775		8.83E-01	0.07169	0.00026	0.03307	0.98851		1.12E+00	0.090483	0.000219	0.019305	1.23E+00		1.099225	0.077822	0.000179	0.020503	1.197729
2690	490360.04	3859060.04	9.05485	18.2593	13.12833	19.95879		8.21E-01	0.07725	0.00025	0.04623	0.94429		1.04E+00	0.097496	0.000209	0.026986	1.16E+00		1.020931	0.083853	0.00017	0.028662	1.133617
2691	490410.04	3859060.04	9.07566	18.5828	13.12989	19.379		8.22E-01	0.07861	0.00025	0.04489	0.9462		1.04E+00	0.099223	0.000209	0.026203	1.16E+00		1.023278	0.085339	0.00017	0.027829	1.136616
2692	490460.04	3859060.04	9.10404	18.77145	13.26963	18.82889		8.25E-01	0.07941	0.00025	0.04361	0.9483		1.04E+00	0.100231	0.000211	0.025459	1.17E+00		1.026477	0.086205	0.000172	0.027039	1.139894
2693	490510.04	3859060.04	9.15709	18.83608	13.41634	18.29262		8.30E-01	0.07969	0.00025	0.04237	0.95214		1.05E+00	0.100576	0.000213	0.024734	1.17E+00		1.032459	0.086502	0.000174	0.026269	1.145404
2694	490560.04	3859060.04	9.21243	18.956	13.60881	17.62196		8.35E-01	0.08019	0.00025	0.04082	0.95611		1.05E+00	0.101216	0.000216	0.023827	1.18E+00		1.038698	0.087053	0.000177	0.025306	1.151234
2695	490610.04	3859060.04	9.29028	18.87747	13.7327	17.09481		8.42E-01	0.07986	0.00026	0.03959	0.96162		1.06E+00	0.100797	0.000218	0.023114	1.19E+00		1.047476	0.086692	0.000178	0.024549	1.158896
2696	490660.04	3859060.04	9.36282	18.67188	13.78929	16.62931		8.48E-01	0.07899	0.00026	0.03852	0.96624		1.07E+00	0.099699	0.000219	0.022485	1.19E+00		1.055655	0.085748	0.000179	0.023881	1.165463
2697	490710.04	3859060.04	9.50285	18.40542	13.88653	15.93195		8.61E-01	0.07786	0.00026	0.0369	0.97619		1.09E+00	0.098276	0.000221	0.021542	1.21E+00		1.071443	0.084525	0.00018	0.022879	1.179027
2698	490760.04	3859060.04	9.63912	18.07152	14.06004	15.2896		8.74E-01	0.07645	0.00026	0.03541	0.98565		1.10E+00	0.096493	0.000223	0.020673	1.22E+00		1.086807	0.082991	0.000183	0.021957	1.191938
2699	490810.04	3859060.04	9.81401	17.652	14.31882	14.59924		8.89E-01	0.07468	0.00027	0.03381	0.99813		1.12E+00	0.094253	0.000228	0.01974	1.24E+00		1.106526	0.081065	0.000186	0.020965	1.208742
2700	490860.04	3859060.04	10.02042	18.91556	14.44096	13.8835		9.08E-01	0.08002	0.00027	0.03216	1.02052		1.15E+00	0.101	0.00023	0.018772	1.27E+00		1.129799	0.086867	0.000187	0.019937	1.236791
2701	490360.04	3859110.04	9.06693	17.98847	13.02658	20.43413		8.22E-01	0.0761	0.00024	0.04733	0.94534		1.04E+00	0.09605	0.000207	0.027629	1.16E+00		1.022293	0.08261	0.000169	0.029344	1.134417
2702	490410.04	3859110.04	8.96444	18.01554	12.9827	19.68818		8.12E-01	0.07621	0.00024	0.0456	0.93444		1.03E+00	0.096194	0.000206	0.026621	1.15E+00		1.010738	0.082734	0.000169	0.028273	1.121913
2703	490460.04	3859110.04	8.99009	18.22214	12.92917	19.19768		8.15E-01	0.07709	0.00024	0.04447	0.9365		1.03E+00	0.097298	0.000205	0.025957	1.15E+00		1.01363	0.083683	0.000168	0.027569	1.125049
2704	490510.04	3859110.04	9.03755	18.50025	13.08745	18.42635		8.19E-01	0.07827	0.00025	0.04268	0.94019		1.03E+00	0.098782	0.000208	0.024914	1.16E+00		1.018981	0.08496	0.00017	0.026461	1.130572
2705	490560.04	3859110.04	9.13294	18.63973	13.23171	17.82279		8.28E-01	0.07886	0.00025	0.04128	0.94803		1.04E+00	0.099527	0.00021	0.024098	1.17E+00		1.029736	0.085601	0.000172	0.025594	1.141103
2706	490610.04	3859110.04	9.26472	18.71849	13.4904	17.13017		8.40E-01	0.07919	0.00025	0.03968	0.95871		1.06E+00	0.099948	0.000214	0.023162	1.18E+00		1.044594	0.085962	0.000175	0.0246	1.155331
2707	490660.04	3859110.04	9.45291	18.80682	13.85709	16.32475		8.57E-01	0.07956	0.00026	0.03781	0.97428		1.08E+00	0.100419	0.00022	0.022073	1.20E+00		1.065812	0.086368	0.00018	0.023443	1.175803
2708	490710.04	3859110.04	9.56552	18.70993	14.07115	15.74635		8.67E-01	0.07915	0.00026	0.03647	0.98273		1.09E+00	0.099902	0.000224	0.021291	1.22E+00		1.078509	0.085923	0.000183	0.022613	1.187227
2709	490760.04	3859110.04	9.74807	18.51583	14.43048	15.01277		8.83E-01	0.07833	0.00027	0.03477	0.99676		1.11E+00	0.098866	0.000229	0.020299	1.23E+00		1.099092	0.085032	0.000187	0.021559	1.20587
2710	490810.04	3859110.04	10.00384	20.46671	14.79466	14.08095		9.07E-01	0.08658	0.00028	0.03261	1.02604		1.14E+00	0.109282	0.000235	0.019039	1.27E+00		1.12793	0.093991	0.000192	0.020221	1.242333
2711	490860.04	3859110.04	10.31053	20.45817	15.16637	13.28823		9.34E-01	0.08655	0.00028	0.03078	1.05197		1.18E+00	0.109237	0.000241	0.017967	1.31E+00		1.162509	0.093952	0.000197	0.019083	1.27574
2712	490360.04	3859160.04	9.22965	17.67111	13.143	20.96484		8.36E-01	0.07476	0.00025	0.04856	0.95997		1.06E+00	0.094355	0.000209	0.028347	1.18E+00		1.04064	0.081152	0.000171	0.030107	1.152069
2713	490410.04	3859160.04	9.08455	17.87504	12.98692	20.4022		8.23E-01	0.07562	0.00024	0.04726	0.94638		1.04E+00	0.095444	0.000206	0.027586	1.16E+00		1.02428	0.082089	0.000169	0.029299	1.135836
2714	490460.04	3859160.04	8.92732	17.92202	12.80483	19.66978		8.09E-01	0.07582	0.00024	0.04556	0.93063		1.02E+00	0.095695	0.000204	0.026596	1.14E+00		1.006552	0.082305	0.000166	0.028247	1.11727
2715	490510.04	3859160.04	8.91375	17.89056	12.8033	18.94755		8.08E-01	0.07569	0.00024	0.04389	0.92759		1.02E+00	0.095527	0.000203	0.025619	1.14E+00		1.005022	0.08216	0.000166	0.02721	1.114558
2716	490560.04	3859160.04	9.03322	18.13888	12.87527	18.1101		8.19E-01	0.07674	0.00024	0.04195	0.93753		1.03E+00	0.096853	0.000205	0.024487	1.15E+00		1.018492	0.0833	0.000167	0.026007	1.127967
2717	490610.04	3859160.04	9.14676	18.30053	13.08354	17.52381		8.29E-01	0.07742	0.00024	0.04059	0.94715		1.05E+00	0.097716	0.000208	0.023694	1.17E+00		1.031294	0.084043	0.00017	0.025165	1.140672
2718	490660.04	3859160.04	9.48096	18.51405	13.69747	16.3198		8.59E-01	0.07832	0.00026	0.0378	0.97556		1.08E+00	0.098856	0.000218	0.022066	1.21E+00		1.068975	0.085023	0.000178	0.023436	1.177612
2719	490710.04	3859160.04	9.6229	18.53307	14.08162	15.70861		8.72E-01	0.0784	0.00026	0.03638	0.9871		1.10E+00	0.098958	0.000224	0.02124	1.22E+00		1.084979	0.085111	0.000183	0.022558	1.192831
2720	490760.04	3859160.04	9.95768	21.22354	14.72221	14.53823		9.02E-01	0.08979	0.00028	0.03367	1.02612		1.14E+00	0.113324	0.000234	0.019657	1.27E+00		1.122725	0.097466	0.000191	0.020878	1.24126
2721	490810.04	3859160.04	10.18854	21.46245	15.13549	13.86233		9.23E-01	0.0908	0.00028	0.03211	1.0465		1.17E+00	0.114599	0.000241	0.018743	1.30E+00		1.148754	0.098564	0.000196	0.019907	1.267421
2722	490860.04	3859160.04	10.4252	21.43289	15.48537	13.03791		9.45E-01	0.09067	0.00029	0.0302	1.06591		1.19E+00	0.114441	0.000246	0.017629	1.32E+00		1.175438	0.098428	0.000201	0.018723	1.29279
2723	490360.04	3859210.04	9.33737	17.50051	13.40434	21.35734		8.46E-01	0.07404	0.00025	0.04947	0.96993		1.07E+00	0.093444	0.000213	0.028877	1.19E+00		1.052785	0.080369	0.000174	0.03067	1.163998
2724	490410.04	3859210.04	9.20069	17.46324	13.14919	20.94662		8.34E-01	0.07388	0.00025	0.04852	0.95643		1.05E+00	0.093245	0.000209	0.028322	1.17E+00		1.037375	0.080198	0.000171	0.03008	1.147823
2725	490460.04	3859210.04	9.06027	17.66992	12.87075	20.18919		8.21E-01	0.07475	0.00024	0.04676	0.94282		1.04E+00	0.094349	0.000205	0.027298	1.16E+00		1.021542	0.081147	0.000167	0.028993	1.131849
2726	490510.04	3859210.04	8.91252	17.81172	12.75048	19.49454		8.08E-01	0.07535	0.00024	0.04515	0.92842		1.02E+00	0.095106	0.000203	0.026359	1.14E+00		1.004884	0.081798	0.000166	0.027995	1.114842
2727	490560.04	3859210.04	8.87504	17.76957	12.66009	18.83921		8.04E-01	0.07517	0.00024	0.04364	0.92332		1.02E+00	0.094881	0.000201	0.025473	1.14E+00		1.000658	0.081604	0.000164	0.027054	1.109481
2728	490610.04	3859210.04	9.00596	17.73105	12.69722	17.97504		8.16E-01	0.07501	0.00024	0.04163	0.93302		1.03E+00	0.094675	0.000202	0.024304	1.15E+00		1.015419	0.081428	0.000165	0.025813	1.122824
2729	490660.04	3859210.04	9.2906	17.99282	13.16559	16.7651		8.42E-01	0.07612	0.00025	0.03883	0.95713		1.06E+00	0.096073	0.000209	0.022668	1.18E+00		1.047512	0.08263	0.000171	0.024076	1.154388
2730	490710.04	3859210.04	9.5011	18.14257	13.54611	16.06331		8.61E-01	0.07675	0.00025	0.03721	0.97522		1.09E+00	0.096873	0.000215	0.021719	1.21E+00		1.071246	0.083317	0.000176	0.023068	1.177807
2731	490760.04	3859210.04	9.8556	20.8358	14.35874	14.82078		8.93E-01	0.08815	0.00027	0.03433	1.01588		1.13E+00	0.111253	0.000228	0.020039	1.26E+00		1.111216	0.095686	0.000186	0.021283	1.228371
2732	490810.04	3859210.04	9.90123	20.87488	14.52263	14.54403		8.97E-01	0.08831	0.00027	0.03369	1.01954		1.13E+00	0.111462	0.000231	0.019665	1.26E+00		1.11636	0.095865	0.000189	0.020886	1.2333
2733	490860.04	3859210.04	9.98264	20.96984	14.72026	14.18991		9.05E-01	0.08871	0.00028	0.03287	1.0265		1.14E+00	0.111969	0.000234	0.019186	1.27E+00		1.125539	0.096301	0.000191	0.020377	1.242409
2734	490360.04	3859260.04	9.37465	17.16224	13.40534	21.60829		8.50E-01	0.07261	0.00025	0.05005	0.97246		1.07E+00	0.091638	0.000213	0.029217	1.19E+00		1.056989	0.078815	0.000174	0.031031	1.167009
2735	490410.04	3859260.04	9.31061	17.32406	13.35173	21.29976		8.44E-01	0.07329	0.00025	0.04933	0.96662		1.06E+00	0.092502	0.000212	0.0288	1.19E+00		1.049768	0.079559	0.000173	0.030588	1.160087
2736	490460.04	3859260.04	9.18084	17.35056	13.14428	20.92481		8.32E-01	0.0734	0.00025	0.04847	0.9541		1.05E+00	0.092644	0.000209	0.028293	1.17E+00		1.035137	0.07968	0.000171	0.030049	1.145037
2737	490510.04	3859260.04	9.02758	17.29399	12.79312	20.34359		8.18E-01	0.07316	0.00024	0.04712	0.93862		1.03E+00	0.092342	0.000203	0.027507	1.15E+00		1.017857	0.07942	0.000166	0.029214	1.126658
2738	490560.04	3859260.04	8.8634	17.43236	12.64475	19.72351		8.03E-01	0.07375	0.00024	0.04568	0.92289		1.01E+00	0.09308	0.000201	0.026668	1.13E+00		0.999345	0.080056	0.000164	0.028324	1.107889
2739	490610.04	3859260.04	8.87572	17.59501	12.49402	18.75241		8.04E-01	0.07444	0.00023	0.04343	0.92244		1.02E+00	0.093949	0.000199	0.025355	1.13E+00		1.000734	0.080803	0.000162	0.026929	1.108629
2740	490660.04	3859260.04	8.86876	17.46904	12.45644	18.28903		8.04E-01	0.0739	0.00023	0.04236	0.9202		1.01E+00	0.093276	0.000198	0.024729	1.13E+00		0.99995	0.080224	0.000162	0.026264	1.1066
2741	490710.04	3859260.04	8.97526	17.40156	12.54449	17.54459		8.13E-01	0.07362	0.00023	0.04064	0.92785		1.03E+00	0.092916	0.000199	0.023722	1.14E+00		1.011957	0.079914	0.000163	0.025195	1.11723

2742	490760.04	3859260.04	9.30167	17.61831	13.12979	16.43112	8.43E-01	0.07453	0.00025	0.03806	0.95577	1.06E+00	0.094073	0.000209	0.022217	1.18E+00	1.04876	0.08091	0.00017	0.023596	1.153436
2743	490810.04	3859260.04	9.40237	17.69522	13.39377	16.03223	8.52E-01	0.07486	0.00025	0.03713	0.96431	1.08E+00	0.094484	0.000213	0.021677	1.19E+00	1.060114	0.081263	0.000174	0.023023	1.164574
2744	490860.04	3859260.04	9.48125	17.72638	13.73106	15.59522	8.59E-01	0.07499	0.00026	0.03612	0.97058	1.08E+00	0.09465	0.000218	0.021086	1.20E+00	1.069008	0.081406	0.000178	0.022396	1.172988
2745	490360.04	3859310.04	9.32766	16.67108	13.16833	21.58438	8.45E-01	0.07053	0.00025	0.04999	0.96606	1.07E+00	0.089016	0.000209	0.029184	1.19E+00	1.05169	0.07656	0.000171	0.030996	1.159417
2746	490410.04	3859310.04	9.30966	16.83404	13.24091	21.53189	8.44E-01	0.07122	0.00025	0.04987	0.965	1.06E+00	0.089886	0.00021	0.029113	1.18E+00	1.049661	0.077308	0.000172	0.030921	1.158062
2747	490460.04	3859310.04	9.25456	17.00966	13.22185	21.31142	8.39E-01	0.07196	0.00025	0.04936	0.96024	1.06E+00	0.090823	0.00021	0.028815	1.18E+00	1.043448	0.078115	0.000172	0.030604	1.152339
2748	490510.04	3859310.04	9.144	17.09508	13.07201	20.96203	8.29E-01	0.07232	0.00024	0.04855	0.94977	1.05E+00	0.09128	0.000208	0.028343	1.17E+00	1.030983	0.078507	0.00017	0.030103	1.139762
2749	490560.04	3859310.04	8.98292	17.04113	12.76339	20.47497	8.14E-01	0.07209	0.00024	0.04742	0.93381	1.03E+00	0.090991	0.000203	0.027684	1.15E+00	1.012821	0.078259	0.000166	0.029403	1.120649
2750	490610.04	3859310.04	8.82335	17.02393	12.46367	20.01609	8.00E-01	0.07202	0.00023	0.04636	0.9182	1.01E+00	0.0909	0.000198	0.027064	1.13E+00	0.99483	0.07818	0.000162	0.028744	1.101916
2751	490660.04	3859310.04	8.68041	17.10259	12.30688	19.49421	7.87E-01	0.07235	0.00023	0.04515	0.90437	9.93E-01	0.09132	0.000196	0.026358	1.11E+00	0.978713	0.078541	0.00016	0.027995	1.085409
2752	490710.04	3859310.04	8.77118	17.23261	12.22059	18.5314	7.95E-01	0.0729	0.00023	0.04292	0.91092	1.00E+00	0.092014	0.000194	0.025056	1.12E+00	0.988948	0.079139	0.000159	0.026612	1.094857
2753	490760.04	3859310.04	8.86965	17.15821	12.31395	17.77871	8.04E-01	0.07259	0.00023	0.04118	0.91778	1.01E+00	0.091617	0.000196	0.024039	1.13E+00	1.00005	0.078797	0.00016	0.025531	1.104538
2754	490810.04	3859310.04	8.96677	17.05179	12.45784	17.17695	8.13E-01	0.07214	0.00023	0.03979	0.92474	1.03E+00	0.091048	0.000198	0.023225	1.14E+00	1.011	0.078308	0.000162	0.024667	1.114137
2755	490860.04	3859310.04	9.1104	17.19426	12.77283	16.55799	8.26E-01	0.07274	0.00024	0.03835	0.93693	1.04E+00	0.091809	0.000203	0.022388	1.16E+00	1.027194	0.078962	0.000166	0.023778	1.130101
2756	490360.04	3859360.04	9.28252	16.39436	12.98389	21.64271	8.41E-01	0.06936	0.00024	0.05013	0.96093	1.06E+00	0.087538	0.000206	0.029263	1.18E+00	1.046601	0.075289	0.000169	0.03108	1.153139
2757	490410.04	3859360.04	9.23785	16.36352	12.9346	21.4331	8.37E-01	0.06923	0.00024	0.04964	0.95626	1.06E+00	0.087373	0.000206	0.02898	1.17E+00	1.041564	0.075147	0.000168	0.030779	1.147659
2758	490460.04	3859360.04	9.2192	16.4585	13.01427	21.35972	8.35E-01	0.06963	0.00024	0.04947	0.95481	1.05E+00	0.087881	0.000207	0.028881	1.17E+00	1.039462	0.075584	0.000169	0.030674	1.145888
2759	490510.04	3859360.04	9.17261	16.57311	13.0154	21.25956	8.31E-01	0.07011	0.00024	0.04924	0.95084	1.05E+00	0.088492	0.000207	0.028745	1.17E+00	1.034209	0.07611	0.000169	0.03053	1.141017
2760	490560.04	3859360.04	9.10009	16.7567	12.96192	21.02334	8.25E-01	0.07089	0.00024	0.04869	0.9445	1.04E+00	0.089473	0.000206	0.028426	1.16E+00	1.026032	0.076953	0.000168	0.030191	1.133344
2761	490610.04	3859360.04	8.95222	16.83951	12.71955	20.64018	8.11E-01	0.07124	0.00024	0.04781	0.93055	1.02E+00	0.089915	0.000202	0.027908	1.14E+00	1.00936	0.077333	0.000165	0.02964	1.116499
2762	490660.04	3859360.04	8.79449	16.76594	12.40523	20.11236	7.97E-01	0.07093	0.00023	0.04658	0.91472	1.01E+00	0.089522	0.000197	0.027194	1.12E+00	0.991576	0.076995	0.000161	0.028882	1.097615
2763	490710.04	3859360.04	8.63305	16.80472	12.21478	19.5107	7.82E-01	0.07109	0.00023	0.04519	0.89886	9.87E-01	0.089729	0.000194	0.026381	1.10E+00	0.973373	0.077174	0.000159	0.028018	1.078724
2764	490760.04	3859360.04	8.62612	16.91864	11.99888	18.78582	7.82E-01	0.07157	0.00022	0.04351	0.89703	9.87E-01	0.090337	0.000191	0.0254	1.10E+00	0.972592	0.077697	0.000156	0.026977	1.077422
2765	490810.04	3859360.04	8.61541	16.86629	11.97219	18.3769	7.81E-01	0.07135	0.00022	0.04256	0.89489	9.85E-01	0.090058	0.00019	0.024848	1.10E+00	0.971385	0.077456	0.000155	0.02639	1.075386
2766	490860.04	3859360.04	8.7427	16.76098	12.03527	17.7176	7.92E-01	0.07091	0.00023	0.04104	0.90445	1.00E+00	0.089496	0.000191	0.023956	1.11E+00	0.985736	0.076973	0.000156	0.025443	1.088309
2767	490360.04	3859410.04	9.32131	16.25788	13.0981	21.36556	8.45E-01	0.06878	0.00025	0.04949	0.96323	1.07E+00	0.086809	0.000208	0.028889	1.18E+00	1.050975	0.074662	0.00017	0.030682	1.156489
2768	490410.04	3859410.04	9.23125	16.17955	12.89943	21.36434	8.37E-01	0.06845	0.00024	0.04948	0.95473	1.06E+00	0.086391	0.000205	0.028887	1.17E+00	1.04082	0.074303	0.000167	0.03068	1.145971
2769	490460.04	3859410.04	9.14447	16.12195	12.7009	21.28092	8.29E-01	0.0682	0.00024	0.04929	0.94642	1.05E+00	0.086083	0.000202	0.028774	1.16E+00	1.031036	0.074038	0.000165	0.030561	1.135799
2770	490510.04	3859410.04	9.13452	16.15203	12.7878	21.11814	8.28E-01	0.06833	0.00024	0.04891	0.94527	1.04E+00	0.086244	0.000203	0.028554	1.16E+00	1.029914	0.074176	0.000166	0.030327	1.134583
2771	490560.04	3859410.04	9.09912	16.25232	12.82503	21.11755	8.25E-01	0.06876	0.00024	0.04891	0.94249	1.04E+00	0.08678	0.000204	0.028553	1.16E+00	1.025923	0.074637	0.000166	0.030326	1.131052
2772	490610.04	3859410.04	9.03452	16.36768	12.80127	20.98583	8.19E-01	0.06924	0.00024	0.04861	0.93682	1.03E+00	0.087396	0.000203	0.028375	1.15E+00	1.018639	0.075166	0.000166	0.030137	1.124108
2773	490660.04	3859410.04	8.90133	16.53309	12.62773	20.70233	8.07E-01	0.06994	0.00024	0.04795	0.92479	1.02E+00	0.088279	0.000201	0.027992	1.13E+00	1.003622	0.075926	0.000164	0.02973	1.109442
2774	490710.04	3859410.04	8.76436	16.54082	12.34949	20.21447	7.94E-01	0.06998	0.00023	0.04682	0.91127	1.00E+00	0.08832	0.000196	0.027332	1.12E+00	0.988179	0.075962	0.00016	0.029029	1.09333
2775	490760.04	3859410.04	8.59815	16.54033	12.09159	19.61598	7.79E-01	0.06997	0.00023	0.04543	0.89482	9.83E-01	0.088317	0.000192	0.026523	1.10E+00	0.969438	0.075959	0.000157	0.02817	1.073724
2776	490810.04	3859410.04	8.47161	16.50885	11.85164	19.22336	7.68E-01	0.06984	0.00022	0.04452	0.8823	9.69E-01	0.088149	0.000188	0.025992	1.08E+00	0.955171	0.075815	0.000154	0.027606	1.058745
2777	490860.04	3859410.04	8.43184	16.50852	11.66354	18.89279	7.64E-01	0.06984	0.00022	0.04376	0.87793	9.64E-01	0.088148	0.000185	0.025545	1.08E+00	0.950687	0.075813	0.000151	0.027131	1.053783
2778	490360.04	3859460.04	9.33599	16.2203	13.08627	20.99398	8.46E-01	0.06862	0.00024	0.04863	0.96354	1.07E+00	0.086609	0.000208	0.028386	1.18E+00	1.05263	0.07449	0.00017	0.030148	1.157438
2779	490410.04	3859460.04	9.25547	16.1074	12.9753	21.13168	8.39E-01	0.06814	0.00024	0.04894	0.95608	1.06E+00	0.086006	0.000206	0.028572	1.17E+00	1.043551	0.073971	0.000168	0.030346	1.148037
2780	490460.04	3859460.04	9.18396	15.99472	12.80982	21.12699	8.32E-01	0.06767	0.00024	0.04893	0.94911	1.05E+00	0.085404	0.000204	0.028566	1.16E+00	1.035488	0.073454	0.000166	0.030339	1.139448
2781	490510.04	3859460.04	9.05963	15.93741	12.51117	21.09369	8.21E-01	0.06742	0.00023	0.04886	0.93752	1.04E+00	0.085098	0.000199	0.028521	1.15E+00	1.02147	0.073191	0.000162	0.030292	1.125115
2782	490560.04	3859460.04	9.0508	15.86616	12.55712	20.95822	8.20E-01	0.06712	0.00024	0.04854	0.9361	1.04E+00	0.084718	0.0002	0.028338	1.15E+00	1.020475	0.072863	0.000163	0.030097	1.123598
2783	490610.04	3859460.04	9.02458	15.9489	12.64084	20.91336	8.18E-01	0.06747	0.00024	0.04844	0.93397	1.03E+00	0.085159	0.000201	0.028277	1.15E+00	1.017518	0.073243	0.000164	0.030033	1.120958
2784	490660.04	3859460.04	8.9748	16.06495	12.64794	20.89533	8.13E-01	0.06796	0.00024	0.0484	0.92991	1.03E+00	0.085779	0.000201	0.028253	1.14E+00	1.011906	0.073776	0.000164	0.030007	1.115853
2785	490710.04	3859460.04	8.84099	16.18256	12.51762	20.70533	8.01E-01	0.06846	0.00023	0.04796	0.91784	1.01E+00	0.086407	0.000199	0.027996	1.13E+00	0.996819	0.074316	0.000162	0.029734	1.101031
2786	490760.04	3859460.04	8.73396	16.29067	12.28422	20.39806	7.91E-01	0.06892	0.00023	0.04725	0.90788	9.99E-01	0.086984	0.000195	0.02758	1.11E+00	0.984751	0.074813	0.000159	0.029293	1.089016
2787	490810.04	3859460.04	8.56398	16.2568	12.0026	19.9314	7.76E-01	0.06877	0.00022	0.04616	0.89125	9.80E-01	0.086804	0.000191	0.026949	1.09E+00	0.965586	0.074657	0.000156	0.028623	1.069021
2788	490860.04	3859460.04	8.37146	16.15602	11.70581	19.6032	7.59E-01	0.06835	0.00022	0.0454	0.87261	9.58E-01	0.086265	0.000186	0.026506	1.07E+00	0.943879	0.074194	0.000152	0.028151	1.046377
2789	490360.04	3859510.04	9.42749	16.246	12.89127	19.98729	8.54E-01	0.06873	0.00024	0.04629	0.9696	1.08E+00	0.086746	0.000205	0.027025	1.19E+00	1.062946	0.074608	0.000167	0.028703	1.166424
2790	490410.04	3859510.04	9.33504	16.12256	12.95375	19.64755	8.46E-01	0.06821	0.00024	0.04551	0.95992	1.07E+00	0.086087	0.000206	0.026566	1.18E+00	1.052523	0.074041	0.000168	0.028215	1.154946
2791	490460.04	3859510.04	9.19536	15.96387	12.83382	20.79776	8.33E-01	0.06754	0.00024	0.04817	0.94925	1.05E+00	0.085239	0.000204	0.028121	1.17E+00	1.036774	0.073312	0.000167	0.029867	1.140119
2792	490510.04	3859510.04	9.11363	15.83572	12.67047	20.82666	8.26E-01	0.06699	0.00024	0.04824	0.94137	1.04E+00	0.084555	0.000201	0.02816	1.16E+00	1.027559	0.072724	0.000164	0.029908	1.130355
2793	490560.04	3859510.04	8.98737	15.73824	12.40292	20.84315	8.14E-01	0.06658	0.00023	0.04828	0.92954	1.03E+00	0.084035	0.000197	0.028182	1.14E+00	1.013323	0.072276	0.000161	0.029932	1.115692
2794	490610.04	3859510.04	8.96446	15.6874	12.31736	20.81803	8.12E-01	0.06637	0.00023	0.04822	0.92719	1.03E+00	0.083763	0.000196	0.028148	1.14E+00	1.01074	0.072042	0.00016	0.029896	1.112838
2795	490660.04	3859510.04	8.94853	15.67634	12.43746	20.7191	8.11E-01	0.06632	0.00023	0.04799	0.92548	1.02E+00	0.083704	0.000198	0.028014	1.14E+00	1.008944	0.071992	0.000161	0.029754	1.11085
2796	490710.04	3859510.04	8.90554	15.75106	12.47059	20.7199	8.07E-01	0.06664	0.00023	0.04799	0.9219	1.02E+00	0.084103	0.000198	0.028016	1.13E+00	1.004097	0.072335	0.000162	0.029755	1.106348
2797	490760.04	3859510.04	8.79549	15.85318	12.39941	20.64313	7.97E-01	0.06707	0.00023	0.04781	0.91218	1.01E+00	0.084648	0.000197	0.027912	1.12E+00	0.991688	0.072804	0.000161	0.029645	1.094298
2798	490810.04	3859510.04	8.67455	15.96737	12.17873	20.42321	7.86E-01	0.06755	0.00023	0.0473	0.90119	9.92E-01	0.085258	0.000194	0.027614	1.11E+00	0.978053	0.073328	0.000158	0.029329	1.080868
2799	490860.04	3859510.04	8.54225	16.02603	11.94789	20.10966	7.74E-01	0.0678	0.00022	0.04658	0.88872	9.77E-01	0.085571	0.00019	0.02719	1.09E+00	0.963136	0.073597	0.000155	0.028879	1.065767
2800	490360.04	3859560.04	9.42857	16.04072	12.44096	20.09518	8.54E-01	0.06786	0.00023	0.04654	0.96907	1.08E+00	0.08565	0.000198	0.027171	1.19E+00	1.063068	0.073665	0.000161	0.028858	1.165752
2801	490410.04	3859560.04	9.37741	16.05591	12.65396	19.88488	8.50E-01	0.06792	0.00024	0.04606	0.96402	1.07E+00	0.085731	0.000201	0.026887	1.19E+00	1.0573	0.073735	0.000164	0.028556	1.159754
2802	490460.04	3859560.04	9.3037	15.96863	12.75942	19.51685	8.43E-01	0.06756	0.00024	0.0452	0.95612	1.06E+00	0.085265	0.000203	0.026389	1.18E+00	1.048989	0.073334	0.000166	0.028027	1.150516

2803	490510.04	3859560.04	9.14679	15.80602	12.69446	20.46446	8.29E-01	0.06687	0.00024	0.0474	0.94341	1.05E+00	0.084397	0.000202	0.02767	1.16E+00	1.031297	0.072587	0.000165	0.029388	1.133437
2804	490560.04	3859560.04	9.0521	15.67613	12.55938	20.48762	8.20E-01	0.06632	0.00024	0.04745	0.93433	1.04E+00	0.083703	0.0002	0.027701	1.15E+00	1.020621	0.071991	0.000163	0.029421	1.122196
2805	490610.04	3859560.04	8.92119	15.56802	12.32705	20.58431	8.08E-01	0.06586	0.00023	0.04768	0.92223	1.02E+00	0.083126	0.000196	0.027832	1.13E+00	1.005861	0.071494	0.00016	0.02956	1.107075
2806	490660.04	3859560.04	8.87216	15.5099	12.08818	20.5972	8.04E-01	0.06561	0.00023	0.04771	0.91756	1.01E+00	0.082815	0.000192	0.02785	1.13E+00	1.000333	0.071227	0.000157	0.029579	1.101296
2807	490710.04	3859560.04	8.86743	15.42391	12.21777	20.5412	8.04E-01	0.06525	0.00023	0.04758	0.91664	1.01E+00	0.082356	0.000194	0.027774	1.12E+00	0.9998	0.070832	0.000159	0.029498	1.100289
2808	490760.04	3859560.04	8.83816	15.49601	12.29891	20.49926	8.01E-01	0.06556	0.00023	0.04748	0.9142	1.01E+00	0.082741	0.000195	0.027717	1.12E+00	0.9965	0.071163	0.00016	0.029438	1.097261
2809	490810.04	3859560.04	8.7554	15.57228	12.25861	20.51538	7.93E-01	0.06588	0.00023	0.04752	0.90706	1.00E+00	0.083149	0.000195	0.027739	1.11E+00	0.987168	0.071514	0.000159	0.029461	1.088302
2810	490860.04	3859560.04	8.62712	15.66971	12.11233	20.39262	7.82E-01	0.06629	0.00023	0.04723	0.89556	9.87E-01	0.083669	0.000193	0.027573	1.10E+00	0.972705	0.071961	0.000157	0.029285	1.074108
2811	490187.25	3859422.08	9.60795	16.60769	12.97228	20.69214	8.71E-01	0.07026	0.00024	0.04793	0.98912	1.10E+00	0.088677	0.000206	0.027978	1.22E+00	1.083293	0.076269	0.000168	0.029715	1.189445
2812	490237.25	3859422.08	9.55154	16.60975	13.2038	20.40717	8.66E-01	0.07027	0.00025	0.04727	0.98336	1.09E+00	0.088688	0.00021	0.027593	1.21E+00	1.076933	0.076278	0.000171	0.029306	1.182688
2813	490287.25	3859422.08	9.42754	16.40504	13.23972	21.18812	8.54E-01	0.0694	0.00025	0.04908	0.97307	1.08E+00	0.087595	0.00021	0.028649	1.19E+00	1.062952	0.075338	0.000172	0.030427	1.168889
2814	490337.25	3859422.08	9.35467	16.32274	13.18327	21.35276	8.48E-01	0.06905	0.00025	0.04946	0.9665	1.07E+00	0.087156	0.00021	0.028871	1.19E+00	1.054736	0.07496	0.000171	0.030664	1.160531
2815	490187.25	3859472.08	9.57476	16.28035	12.43025	20.62848	8.68E-01	0.06887	0.00023	0.04778	0.98457	1.10E+00	0.086929	0.000198	0.027892	1.21E+00	1.079551	0.074765	0.000161	0.029624	1.184101
2816	490237.25	3859472.08	9.55314	16.39446	12.71694	20.52015	8.66E-01	0.06936	0.00024	0.04753	0.98285	1.09E+00	0.087539	0.000202	0.027745	1.21E+00	1.077113	0.075289	0.000165	0.029468	1.182036
2817	490287.25	3859472.08	9.50831	16.44711	12.9716	20.29173	8.62E-01	0.06958	0.00024	0.047	0.97848	1.09E+00	0.08782	0.000206	0.027437	1.20E+00	1.072059	0.075531	0.000168	0.02914	1.176898
2818	490337.25	3859472.08	9.42723	16.35355	13.09123	19.92638	8.54E-01	0.06918	0.00025	0.04615	0.9699	1.08E+00	0.08732	0.000208	0.026943	1.19E+00	1.062917	0.075102	0.00017	0.028615	1.166804
2819	490297.07	3859500.42	9.50726	16.32302	12.73292	20.30933	8.62E-01	0.06905	0.00024	0.04704	0.9779	1.09E+00	0.087157	0.000202	0.02746	1.20E+00	1.07194	0.074961	0.000165	0.029165	1.176232
2820	490327.07	3859500.42	9.47041	16.29972	12.85692	20.16717	8.58E-01	0.06896	0.00024	0.04671	0.97414	1.08E+00	0.087033	0.000204	0.027268	1.20E+00	1.067785	0.074854	0.000167	0.028961	1.171768
2821	490297.07	3859530.42	9.48391	16.11454	12.40986	20.29011	8.59E-01	0.06817	0.00023	0.047	0.97485	1.08E+00	0.086044	0.000197	0.027434	1.20E+00	1.069308	0.074004	0.000161	0.029138	1.17261
2822	490327.07	3859530.42	9.46309	16.16699	12.57109	20.2163	8.58E-01	0.06839	0.00024	0.04682	0.97302	1.08E+00	0.086324	0.0002	0.027335	1.20E+00	1.06696	0.074245	0.000163	0.029032	1.1704
2823	490319.73	3859055.34	9.04545	18.03731	13.11662	20.30512	8.20E-01	0.07631	0.00025	0.04703	0.9433	1.03E+00	0.096311	0.000208	0.027455	1.16E+00	1.019871	0.082834	0.00017	0.029159	1.132035
2824	490319.73	3859105.34	9.18943	17.92946	13.12034	20.82125	8.33E-01	0.07585	0.00025	0.04823	0.95709	1.05E+00	0.095735	0.000209	0.028153	1.18E+00	1.036105	0.082339	0.00017	0.0299	1.148515
2825	490069.73	3859155.34	9.65719	17.20865	13.73164	22.0849	8.75E-01	0.0728	0.00026	0.05115	0.99937	1.10E+00	0.091886	0.000218	0.029861	1.23E+00	1.088845	0.079029	0.000178	0.031715	1.199767
2826	490119.73	3859155.34	9.55774	17.31926	13.64902	21.97799	8.66E-01	0.07327	0.00026	0.05091	0.99057	1.09E+00	0.092477	0.000217	0.029717	1.22E+00	1.077632	0.079536	0.000177	0.031562	1.188907
2827	490269.73	3859155.34	9.419	17.65682	13.56298	21.57994	8.54E-01	0.0747	0.00025	0.04998	0.9785	1.08E+00	0.094279	0.000216	0.029178	1.20E+00	1.061989	0.081087	0.000176	0.03099	1.174242
2828	490319.73	3859155.34	9.32311	17.61305	13.37005	21.26786	8.45E-01	0.07451	0.00025	0.04926	0.9689	1.07E+00	0.094045	0.000212	0.028756	1.19E+00	1.051177	0.080886	0.000174	0.030542	1.162778
2829	490069.73	3859205.34	9.66492	17.02364	13.87475	21.94809	8.76E-01	0.07202	0.00026	0.05084	0.99897	1.11E+00	0.090898	0.000221	0.029676	1.23E+00	1.089716	0.078179	0.00018	0.031519	1.199594
2830	490119.73	3859205.34	9.57001	16.95757	13.59486	21.69332	8.67E-01	0.07174	0.00025	0.05025	0.98949	1.09E+00	0.090545	0.000216	0.029332	1.21E+00	1.079015	0.077875	0.000176	0.031153	1.18822
2831	490169.73	3859205.34	9.45793	16.9818	13.37527	21.55965	8.57E-01	0.07184	0.00025	0.04994	0.97913	1.08E+00	0.090675	0.000213	0.029151	1.20E+00	1.066378	0.077987	0.000174	0.030961	1.1755
2832	490219.73	3859205.34	9.46784	17.13896	13.49307	21.76319	8.58E-01	0.07251	0.00025	0.05041	0.98116	1.08E+00	0.091514	0.000214	0.029426	1.20E+00	1.067496	0.078708	0.000175	0.031253	1.177632
2833	490269.73	3859205.34	9.46518	17.35127	13.55909	21.78823	8.58E-01	0.0734	0.00025	0.05047	0.98188	1.08E+00	0.092647	0.000215	0.02946	1.20E+00	1.067196	0.079683	0.000176	0.031289	1.178344
2834	490319.73	3859205.34	9.39534	17.46688	13.49797	21.58251	8.51E-01	0.07389	0.00025	0.04999	0.97556	1.07E+00	0.093265	0.000215	0.029182	1.20E+00	1.059321	0.080214	0.000175	0.030994	1.170705
2835	490069.73	3859255.34	9.69074	17.02787	13.84747	21.96664	8.78E-01	0.07204	0.00026	0.05088	1.00137	1.11E+00	0.090921	0.00022	0.029701	1.23E+00	1.092628	0.078198	0.00018	0.031545	1.202551
2836	490119.73	3859255.34	9.60743	16.86467	13.73808	21.69899	8.71E-01	0.07135	0.00026	0.05026	0.99251	1.10E+00	0.090049	0.000218	0.029339	1.22E+00	1.083234	0.077449	0.000178	0.031161	1.192022
2837	490169.73	3859255.34	9.52003	16.77978	13.50341	21.6343	8.63E-01	0.07099	0.00025	0.05011	0.98407	1.09E+00	0.089596	0.000215	0.029252	1.21E+00	1.07338	0.077059	0.000175	0.031068	1.181682
2838	490219.73	3859255.34	9.4518	16.74527	13.29931	21.70368	8.57E-01	0.07084	0.00025	0.05027	0.9779	1.08E+00	0.089412	0.000211	0.029346	1.20E+00	1.065687	0.0769	0.000173	0.031168	1.173928
2839	490269.73	3859255.34	9.41276	16.89921	13.33041	21.74571	8.53E-01	0.07149	0.00025	0.05037	0.97511	1.08E+00	0.090234	0.000212	0.029403	1.20E+00	1.061285	0.077607	0.000173	0.031228	1.170294
2840	490319.73	3859255.34	9.39581	17.02049	13.3843	21.70625	8.51E-01	0.07201	0.00025	0.05028	0.974	1.07E+00	0.090881	0.000213	0.029349	1.20E+00	1.059374	0.078164	0.000174	0.031171	1.168884
2841	490069.73	3859305.34	9.71578	17.10156	13.61107	20.97386	8.80E-01	0.07235	0.00025	0.04858	1.00165	1.11E+00	0.091314	0.000216	0.028359	1.23E+00	1.095451	0.078537	0.000177	0.03012	1.204284
2842	490119.73	3859305.34	9.66727	16.92565	13.69469	20.66443	8.76E-01	0.0716	0.00026	0.04786	0.99579	1.11E+00	0.090375	0.000218	0.027941	1.22E+00	1.089981	0.077729	0.000178	0.029675	1.197563
2843	490169.73	3859305.34	9.55456	16.74668	13.59427	21.58516	8.66E-01	0.07085	0.00025	0.05	0.98695	1.09E+00	0.089419	0.000216	0.029185	1.21E+00	1.077273	0.076907	0.000176	0.030997	1.185354
2844	490219.73	3859305.34	9.48082	16.62781	13.45168	21.63297	8.59E-01	0.07034	0.00025	0.05011	0.97987	1.08E+00	0.088785	0.000214	0.02925	1.20E+00	1.068959	0.076361	0.000175	0.031066	1.176561
2845	490269.73	3859305.34	9.42219	16.59335	13.26023	21.69286	8.54E-01	0.0702	0.00025	0.05024	0.97455	1.08E+00	0.088601	0.000211	0.029331	1.20E+00	1.062349	0.076203	0.000172	0.031152	1.169876
2846	490319.73	3859305.34	9.33431	16.61712	13.12754	21.67112	8.46E-01	0.0703	0.00025	0.05019	0.96663	1.07E+00	0.088727	0.000209	0.029302	1.19E+00	1.05244	0.076312	0.00017	0.031121	1.160044
2847	490069.73	3859355.34	9.69334	16.84535	13.0529	21.05671	8.78E-01	0.07126	0.00024	0.04877	0.99871	1.11E+00	0.089946	0.000207	0.028471	1.23E+00	1.092921	0.07736	0.000169	0.030239	1.200689
2848	490119.73	3859355.34	9.67818	16.85627	13.31114	20.88813	8.77E-01	0.07131	0.00025	0.04838	0.997	1.11E+00	0.090004	0.000212	0.028243	1.23E+00	1.091211	0.07741	0.000173	0.029996	1.198791
2849	490169.73	3859355.34	9.61853	16.77861	13.47861	20.5221	8.72E-01	0.07098	0.00025	0.04753	0.99042	1.10E+00	0.08959	0.000214	0.027748	1.22E+00	1.084486	0.077054	0.000175	0.029471	1.191185
2850	490219.73	3859355.34	9.50134	16.61569	13.46011	21.48687	8.61E-01	0.07029	0.00025	0.04977	0.98134	1.09E+00	0.08872	0.000214	0.029053	1.20E+00	1.071273	0.076305	0.000175	0.030856	1.178609
2851	490269.73	3859355.34	9.42717	16.4897	13.35883	21.50267	8.54E-01	0.06976	0.00025	0.0498	0.97412	1.08E+00	0.088047	0.000212	0.029074	1.20E+00	1.06291	0.075727	0.000173	0.030879	1.169689
2852	490319.73	3859355.34	9.37153	16.42027	13.17935	21.62023	8.49E-01	0.06947	0.00025	0.05008	0.96906	1.07E+00	0.087676	0.000209	0.029233	1.19E+00	1.056637	0.075408	0.000171	0.031048	1.163264
2853	490069.73	3859405.34	9.64929	16.5571	12.67713	20.93373	8.74E-01	0.07004	0.00024	0.04849	0.99321	1.10E+00	0.088407	0.000201	0.028305	1.22E+00	1.087954	0.076036	0.000165	0.030062	1.194217
2854	490119.73	3859405.34	9.63617	16.57646	12.75623	20.88178	8.73E-01	0.07013	0.00024	0.04837	0.99198	1.10E+00	0.08851	0.000203	0.028234	1.22E+00	1.086475	0.076125	0.000166	0.029987	1.192753
2855	490169.73	3859405.34	9.62581	16.67151	13.05045	20.74878	8.72E-01	0.07053	0.00024	0.04806	0.99114	1.10E+00	0.089018	0.000207	0.028055	1.22E+00	1.085307	0.076562	0.000169	0.029796	1.191834
2856	490219.73	3859405.34	9.56923	16.65331	13.27197	20.44545	8.67E-01	0.07045	0.00025	0.04736	0.98524	1.09E+00	0.088921	0.000211	0.027644	1.21E+00	1.078927	0.076478	0.000172	0.029361	1.184939
2857	490269.73	3859405.34	9.44777	16.46082	13.30281	21.30478	8.56E-01	0.06964	0.00025	0.04935	0.97541	1.08E+00	0.087893	0.000211	0.028806	1.20E+00	1.065233	0.075594	0.000173	0.030595	1.171594
2858	490319.73	3859405.34	9.37818	16.37112	13.24183	21.45598	8.50E-01	0.06926	0.00025	0.0497	0.96907	1.07E+00	0.087414	0.00021	0.029011	1.19E+00	1.057387	0.075182	0.000172	0.030812	1.163553
2859	490161.89	3859541.83	9.59973	15.96234	11.98494	20.45957	8.70E-01	0.06753	0.00022	0.04739	0.98509	1.10E+00	0.085231	0.00019	0.027664	1.21E+00	1.082366	0.073305	0.000156	0.029381	1.185208
2860	490171.89	3859541.83	9.58146	15.94951	12.01228	20.45519	8.68E-01	0.06747	0.00022	0.04738	0.98337	1.10E+00	0.085163	0.000191	0.027658	1.21E+00	1.080306	0.073246	0.000156	0.029375	1.183083
2861	490161.89	3859551.83	9.61877	15.93591	11.94896	20.39781	8.72E-01	0.06742	0.00022	0.04725	0.98656	1.10E+00	0.08509	0.00019	0.02758	1.21E+00	1.084513	0.073184	0.000155	0.029292	1.187144
2862	490171.89	3859551.83	9.5993	15.92958	11.9501	20.40851	8.70E-01	0.06739	0.00022	0.04727	0.98479	1.10E+00	0.085056	0.00019	0.027595	1.21E+00	1.082318	0.073155	0.000155	0.029308	1.184935
2863	489799.72	3859348.21	10.06893	16.61392	12.56747	21.52491	9.12E-01	0.07029	0.00024	0.04986	1.03284	1.15E+00	0.08871	0.0002	0.029104	1.27E+00	1.135268	0.076297	0.000163	0.030911	1.24264

2864	489819.72	3859348.21	9.94324	16.58059	12.59483	21.41403		9.01E-01	0.07014	0.00024	0.0496	1.02106		1.14E+00	0.088532	0.0002	0.028954	1.25E+00		1.121097	0.076144	0.000163	0.030752	1.228156
2865	489799.72	3859368.21	10.25342	16.58177	12.4839	21.63901		9.29E-01	0.07015	0.00023	0.05012	1.04969		1.17E+00	0.088539	0.000198	0.029258	1.29E+00		1.15607	0.07615	0.000162	0.031075	1.263456
2866	489819.72	3859368.21	10.11645	16.58591	12.53389	21.51357		9.17E-01	0.07017	0.00023	0.04983	1.037		1.16E+00	0.088561	0.000199	0.029089	1.27E+00		1.140626	0.076169	0.000163	0.030895	1.247852
2867	489775.41	3859329.72	10.05425	16.62713	12.57669	21.57744		9.11E-01	0.07034	0.00024	0.04998	1.03169		1.15E+00	0.088781	0.0002	0.029175	1.27E+00		1.133613	0.076358	0.000163	0.030986	1.241121
2868	489795.41	3859329.72	9.92444	16.59914	12.61154	21.46056		8.99E-01	0.07022	0.00024	0.04971	1.01954		1.14E+00	0.088631	0.0002	0.029017	1.25E+00		1.118977	0.076229	0.000164	0.030818	1.226189
2869	489775.41	3859349.72	10.25679	16.61397	12.49901	21.69378		9.29E-01	0.07029	0.00023	0.05025	1.05026		1.17E+00	0.088711	0.000199	0.029332	1.29E+00		1.15645	0.076298	0.000162	0.031153	1.264063
2870	489795.41	3859349.72	10.11234	16.61714	12.55297	21.56616		9.16E-01	0.0703	0.00023	0.04995	1.03689		1.16E+00	0.088728	0.0002	0.02916	1.27E+00		1.140163	0.076312	0.000163	0.03097	1.247608
2871	489595.05	3859219.43	10.21165	16.54972	12.39712	21.8259		9.25E-01	0.07001	0.00023	0.05055	1.0462		1.17E+00	0.088368	0.000197	0.029511	1.29E+00		1.15136	0.076002	0.000161	0.031343	1.258867
2872	489615.05	3859219.43	10.00446	16.58073	12.48943	21.72115		9.07E-01	0.07014	0.00023	0.05031	1.02731		1.14E+00	0.088533	0.000198	0.029369	1.26E+00		1.127999	0.076145	0.000162	0.031193	1.235499
2873	489595.05	3859239.43	10.57355	16.58485	12.34996	21.99732		9.58E-01	0.07016	0.00023	0.05095	1.07954		1.21E+00	0.088555	0.000196	0.029743	1.33E+00		1.192164	0.076164	0.00016	0.031589	1.300078
2874	489615.05	3859239.43	10.32698	16.59738	12.41388	21.88067		9.36E-01	0.07022	0.00023	0.05068	1.05698		1.18E+00	0.088622	0.000197	0.029585	1.30E+00		1.164363	0.076221	0.000161	0.031422	1.272168
2875	489372.4	3859092.58	10.97208	16.02276	12.02518	21.68945		9.94E-01	0.06778	0.00023	0.05024	1.11256		1.25E+00	0.085554	0.000191	0.029326	1.37E+00		1.237098	0.073582	0.000156	0.031147	1.341984
2876	489422.4	3859092.58	9.94856	15.74446	11.78871	21.03422		9.02E-01	0.06661	0.00022	0.04872	1.01711		1.14E+00	0.084068	0.000187	0.028441	1.25E+00		1.121697	0.072304	0.000153	0.030206	1.22436
2877	489372.4	3859142.58	12.26532	16.89095	12.6583	23.26981		1.11E+00	0.07146	0.00024	0.0539	1.2371		1.40E+00	0.09019	0.000201	0.031463	1.52E+00		1.382911	0.07757	0.000164	0.033417	1.494061
2878	489422.4	3859142.58	11.30848	16.45367	12.2914	22.22579		1.02E+00	0.06961	0.00023	0.05148	1.14611		1.29E+00	0.087855	0.000195	0.030052	1.41E+00		1.275027	0.075561	0.00016	0.031917	1.382666
2879	488870.84	3858666.64	11.68998	20.23385	15.13404	28.86166		1.06E+00	0.0856	0.00028	0.06685	1.2121		1.34E+00	0.108039	0.000241	0.039024	1.48E+00		1.318041	0.092921	0.000196	0.041447	1.452606
2880	488900.84	3858666.64	10.76785	19.82895	13.89796	27.81301		9.76E-01	0.08389	0.00026	0.06442	1.12437		1.23E+00	0.105877	0.000221	0.037606	1.38E+00		1.214071	0.091062	0.00018	0.039941	1.345255
2881	488870.84	3858696.64	12.14986	20.76697	15.38113	30.09324		1.10E+00	0.08785	0.00029	0.0697	1.25889		1.39E+00	0.110886	0.000244	0.040689	1.54E+00		1.369893	0.09537	0.0002	0.043215	1.508677
2882	488900.84	3858696.64	11.74606	19.9826	15.04327	28.46943		1.06E+00	0.08454	0.00028	0.06594	1.21521		1.34E+00	0.106698	0.000239	0.038494	1.49E+00		1.324364	0.091768	0.000195	0.040884	1.457211
2883	488889.67	3858683.97	11.69811	20.05719	15.05291	28.5599		1.06E+00	0.08485	0.00028	0.06615	1.21139		1.34E+00	0.107096	0.000239	0.038616	1.48E+00		1.318958	0.09211	0.000195	0.041014	1.452277
2884	488919.67	3858683.97	10.76628	19.59833	13.81207	27.45282		9.76E-01	0.08291	0.00026	0.06359	1.12242		1.23E+00	0.104646	0.00022	0.037119	1.37E+00		1.213894	0.090003	0.000179	0.039424	1.3435
2885	488889.67	3858713.97	12.1723	20.66184	15.30996	29.88536		1.10E+00	0.08741	0.00029	0.06922	1.26		1.39E+00	0.110324	0.000243	0.040408	1.54E+00		1.372423	0.094887	0.000199	0.042917	1.510425
2886	488919.67	3858713.97	11.75501	19.83773	14.96267	28.20748		1.07E+00	0.08392	0.00028	0.06533	1.2148		1.34E+00	0.105924	0.000238	0.03814	1.49E+00		1.325373	0.091102	0.000194	0.040507	1.457177
2887	488906.61	3858703.33	11.77337	19.96424	15.03831	28.44408		1.07E+00	0.08446	0.00028	0.06588	1.21755		1.35E+00	0.106599	0.000239	0.038459	1.49E+00		1.327443	0.091683	0.000195	0.040847	1.460169
2888	488936.61	3858703.33	10.98299	19.3869	14.03142	27.15845		9.95E-01	0.08202	0.00026	0.0629	1.14048		1.26E+00	0.103517	0.000223	0.036721	1.40E+00		1.238328	0.089032	0.000182	0.039001	1.366543
2889	488906.61	3858733.33	12.25841	20.6456	15.27009	29.81682		1.11E+00	0.08734	0.00029	0.06906	1.26757		1.40E+00	0.110238	0.000243	0.040316	1.55E+00		1.382132	0.094812	0.000198	0.042819	1.519961
2890	488936.61	3858733.33	11.83817	19.84604	14.94818	28.1641		1.07E+00	0.08396	0.00028	0.06523	1.22227		1.35E+00	0.105968	0.000238	0.038081	1.50E+00		1.33475	0.09114	0.000194	0.040445	1.466529
2891	488637.63	3858467.85	11.81256	23.12046	16.29042	34.10528		1.07E+00	0.09781	0.0003	0.07899	1.24759		1.35E+00	0.123452	0.000259	0.046114	1.52E+00		1.331862	0.106178	0.000211	0.048977	1.487228
2892	488662.63	3858467.85	11.48359	22.83051	16.00148	33.21228		1.04E+00	0.09658	0.0003	0.07693	1.21448		1.31E+00	0.121904	0.000254	0.044907	1.48E+00		1.294771	0.104846	0.000208	0.047695	1.447519
2893	488637.63	3858492.85	12.06919	23.03529	16.20917	34.49096		1.09E+00	0.09745	0.0003	0.07989	1.27138		1.38E+00	0.122997	0.000258	0.046636	1.55E+00		1.360797	0.105787	0.00021	0.049531	1.516325
2894	488662.63	3858492.85	11.84689	22.67575	16.17652	33.47106		1.07E+00	0.09593	0.0003	0.07753	1.24735		1.36E+00	0.121078	0.000257	0.045257	1.52E+00		1.335733	0.104135	0.00021	0.048066	1.488144
2895	488687.63	3858492.85	11.52465	22.47039	15.89776	32.61522		1.04E+00	0.09506	0.0003	0.07554	1.21529		1.32E+00	0.119981	0.000253	0.044099	1.48E+00		1.2994	0.103192	0.000206	0.046837	1.449636
2896	488637.63	3858517.85	12.30553	23.0034	16.01781	34.75845		1.12E+00	0.09732	0.0003	0.08051	1.29328		1.41E+00	0.122827	0.000255	0.046997	1.58E+00		1.387444	0.10564	0.000208	0.049915	1.543207
2897	488662.63	3858517.85	12.10435	22.69038	16.10586	33.91248		1.10E+00	0.09599	0.0003	0.07855	1.27176		1.38E+00	0.121156	0.000256	0.045853	1.55E+00		1.364761	0.104203	0.000209	0.0487	1.517873
2898	488687.63	3858517.85	11.88161	22.32532	16.06603	32.93152		1.08E+00	0.09445	0.0003	0.07628	1.24776		1.36E+00	0.119207	0.000255	0.044527	1.52E+00		1.339647	0.102526	0.000209	0.047291	1.489674
2899	488194.42	3857168.98	12.91688	52.80887	17.6558	17.25195		1.17E+00	0.22341	0.00033	0.03996	1.43425		1.48E+00	0.281974	0.000281	0.023327	1.78E+00		1.456374	0.242518	0.000229	0.024775	1.723896
2900	488244.42	3857168.98	12.68934	51.40527	17.16792	17.19651		1.15E+00	0.21747	0.00032	0.03983	1.40756		1.45E+00	0.27448	0.000273	0.023252	1.75E+00		1.430719	0.236072	0.000223	0.024695	1.691709
2901	488294.42	3857168.98	12.42998	50.30285	16.79203	17.07869		1.13E+00	0.21281	0.00031	0.03956	1.37911		1.42E+00	0.268593	0.000267	0.023092	1.71E+00		1.401476	0.231009	0.000218	0.024526	1.657229
2902	488244.42	3857218.98	12.94193	52.21551	17.5393	17.95718		1.17E+00	0.2209	0.00033	0.04159	1.43564		1.48E+00	0.278806	0.000279	0.02428	1.78E+00		1.459198	0.239793	0.000228	0.025787	1.725006
2903	488294.42	3857218.98	12.67665	50.86631	17.13866	17.6774		1.15E+00	0.21519	0.00032	0.04094	1.40524		1.45E+00	0.271602	0.000272	0.023902	1.75E+00		1.429288	0.233597	0.000222	0.025386	1.688493
2904	488294.42	3857268.98	12.90167	50.29494	17.48434	18.51895		1.17E+00	0.21277	0.00033	0.04289	1.42517		1.48E+00	0.268551	0.000278	0.02504	1.77E+00		1.454659	0.230973	0.000227	0.026594	1.712453
2905	488139.13	3857111.68	12.94178	53.58792	17.68779	16.5818		1.17E+00	0.2267	0.00033	0.03841	1.43825		1.48E+00	0.286134	0.000281	0.02242	1.79E+00		1.459181	0.246096	0.00023	0.023812	1.729319
2906	488189.13	3857111.68	12.64516	51.66117	17.24198	16.69695		1.15E+00	0.21855	0.00032	0.03867	1.40348		1.45E+00	0.275846	0.000274	0.022576	1.75E+00		1.425737	0.237247	0.000224	0.023978	1.687186
2907	488189.13	3857161.68	12.90569	52.68435	17.64073	17.16759		1.17E+00	0.22288	0.00033	0.03976	1.43252		1.48E+00	0.281309	0.00028	0.023212	1.78E+00		1.455112	0.241946	0.000229	0.024654	1.721941
2908	487951.04	3856961.26	13.19316	57.30905	18.13687	15.17216		1.20E+00	0.24245	0.00034	0.03514	1.47352		1.51E+00	0.306003	0.000288	0.020514	1.84E+00		1.487524	0.263184	0.000235	0.021788	1.772732
2909	488001.04	3856961.26	12.92694	56.0633	17.74047	15.17504		1.17E+00	0.23718	0.00033	0.03515	1.44412		1.48E+00	0.299351	0.000282	0.020518	1.80E+00		1.457508	0.257463	0.00023	0.021792	1.736994
2910	488051.04	3856961.26	12.69134	55.32468	17.409	14.94636		1.15E+00	0.23405	0.00033	0.03462	1.41911		1.45E+00	0.295407	0.000277	0.020209	1.77E+00		1.430944	0.254071	0.000226	0.021464	1.706705
2911	488101.04	3856961.26	12.36797	53.30388	16.96396	15.16543		1.12E+00	0.2255	0.00032	0.03513	1.38176		1.41E+00	0.284617	0.00027	0.020505	1.72E+00		1.394484	0.244791	0.00022	0.021778	1.661274
2912	487951.04	3857011.26	13.40064	57.80681	18.43137	15.99585		1.21E+00	0.24455	0.00035	0.03705	1.49634		1.53E+00	0.308661	0.000293	0.021628	1.86E+00		1.510918	0.26547	0.000239	0.022971	1.799598
2913	488001.04	3857011.26	13.17211	56.97428	18.10253	15.60532		1.19E+00	0.24103	0.00034	0.03614	1.4712		1.51E+00	0.304215	0.000288	0.0211	1.83E+00		1.485151	0.261647	0.000235	0.02241	1.769443
2914	488051.04	3857011.26	12.9375	55.62353	17.76268	15.45012		1.17E+00	0.23532	0.00033	0.03579	1.44386		1.48E+00	0.297003	0.000282	0.02089	1.80E+00		1.458699	0.255444	0.000231	0.022187	1.73656
2915	488101.04	3857011.26	12.6273	53.6311	17.30841	15.68838		1.14E+00	0.22689	0.00032	0.03634	1.40786		1.44E+00	0.286364	0.000275	0.021212	1.75E+00		1.423724	0.246294	0.000225	0.022529	1.692772
2916	488001.04	3857061.26	13.41135	56.78274	18.42118	16.46766		1.22E+00	0.24022	0.00034	0.03814	1.49407		1.53E+00	0.303193	0.000293	0.022266	1.86E+00		1.512125	0.260767	0.000239	0.023648	1.79678
2917	488051.04	3857061.26	13.14978	55.49332	18.02813	16.21827		1.19E+00	0.23477	0.00034	0.03756	1.46433		1.50E+00	0.296308	0.000287	0.021929	1.82E+00		1.482633	0.254846	0.000234	0.02329	1.761003
2918	488101.04	3857061.26	12.87259	54.48189	17.62103	16.19699		1.17E+00	0.23049	0.00033	0.03752	1.43487		1.47E+00	0.290907	0.00028	0.0219	1.79E+00		1.45138	0.250201	0.000229	0.02326	1.72507
2919	487638.98	3856673.79	14.00046	59.73355	19.11249	11.18016		1.27E+00	0.2527	0.00036	0.0259	1.54771		1.60E+00	0.318949	0.000304	0.015117	1.94E+00		1.578547	0.274319	0.000248	0.016055	1.869169
2920	487688.98	3856673.79	13.68047	58.57577	18.60447	11.36798		1.24E+00	0.24781	0.00035	0.02633	1.51424		1.56E+00	0.312767	0.000296	0.015371	1.89E+00		1.542468	0.269002	0.000241	0.016325	1.828037
2921	487638.98	3856723.79	14.16947	60.81195	19.35141	12.00504		1.28E+00	0.25727	0.00036	0.02781	1.5695		1.62E+00	0.324707	0.000308	0.016232	1.96E+00		1.597603	0.279271	0.000251	0.01724	1.894365
2922	487688.98	3856723.79	13.86095	59.81836	18.91393	11.97594		1.26E+00	0.25306	0.00035	0.02774	1.53726		1.59E+00	0.319401	0.000301	0.016193	1.92E+00		1.562817	0.274708	0.000246	0.017198	1.854969
2923	486324.61	3855740.57	15.6705	38.21729	20.94291	5.93658		1.42E+00	0.16168	0.00039	0.01375	1.59591		1.79E+00	0.204062	0.000333	0.008027	2.00E+00		1.766844	0.175508	0.000272	0.008525	1.951149
2924	486374.61	3855740.57	15.25769	36.59284	19.95243	5.77427		1.38E+00	0.15481	0.00037	0.01337	1.55124		1.75E+00	0.195388	0.000317	0.007807	1.95E+00		1.720299	0.168048	0.000259	0.008292	1.896898

2925	486424.61	3855740.57	14.98368	36.64706	19.30406	5.73977	1.36E+00	0.15504	0.00036	0.01329	1.52654	1.71E+00	0.195678	0.000307	0.007761	1.92E+00	1.689405	0.168297	0.000251	0.008243	1.866195
2926	486324.61	3855790.57	16.19404	41.46316	21.7554	6.11818	1.47E+00	0.17541	0.00041	0.01417	1.65753	1.85E+00	0.221393	0.000346	0.008272	2.08E+00	1.825872	0.190414	0.000282	0.008786	2.025355
2927	486374.61	3855790.57	15.83549	37.60843	20.73929	5.86318	1.44E+00	0.1591	0.00039	0.01358	1.60812	1.81E+00	0.200811	0.00033	0.007928	2.02E+00	1.785446	0.172712	0.000269	0.00842	1.966847
2928	486424.61	3855790.57	15.37504	36.93288	20.24991	5.81126	1.39E+00	0.15624	0.00038	0.01346	1.5634	1.76E+00	0.197204	0.000322	0.007857	1.96E+00	1.73353	0.16961	0.000263	0.008345	1.911748
2929	486324.61	3855840.57	16.72798	43.71268	22.40141	6.28255	1.52E+00	0.18493	0.00042	0.01455	1.71582	1.91E+00	0.233405	0.000356	0.008495	2.16E+00	1.886074	0.200745	0.000291	0.009022	2.096132
2930	486374.61	3855840.57	16.23211	40.58137	21.82611	6.08143	1.47E+00	0.17168	0.00041	0.01409	1.65716	1.86E+00	0.216685	0.000347	0.008223	2.08E+00	1.830165	0.186365	0.000283	0.008733	2.025546
2931	486424.61	3855840.57	15.88517	38.82549	21.14407	5.89775	1.44E+00	0.16425	0.0004	0.01366	1.61786	1.82E+00	0.20731	0.000336	0.007974	2.03E+00	1.791047	0.178301	0.000274	0.008469	1.978092
2932	486324.61	3855890.57	17.14743	45.12753	23.398	6.57097	1.55E+00	0.19091	0.00044	0.01522	1.76051	1.96E+00	0.240959	0.000372	0.008885	2.21E+00	1.933367	0.207242	0.000304	0.009436	2.150349
2933	486374.61	3855890.57	16.49961	44.76385	22.7626	6.284	1.50E+00	0.18937	0.00043	0.01455	1.69958	1.89E+00	0.239018	0.000362	0.008497	2.14E+00	1.860325	0.205572	0.000295	0.009024	2.075217
2934	486424.61	3855890.57	16.24359	41.03793	22.03433	6.04905	1.47E+00	0.17361	0.00041	0.01401	1.66006	1.86E+00	0.219123	0.00035	0.008179	2.09E+00	1.831459	0.188461	0.000286	0.008687	2.028893
2935	488735.69	3858285.64	11.79795	24.29617	19.39342	28.69278	1.07E+00	0.10279	0.00036	0.06646	1.23876	1.35E+00	0.12973	0.000308	0.038796	1.52E+00	1.330215	0.111577	0.000252	0.041204	1.483248
2936	488765.69	3858285.64	11.86195	24.74808	19.23256	28.50013	1.07E+00	0.1047	0.00036	0.06601	1.24602	1.36E+00	0.132143	0.000306	0.038535	1.53E+00	1.337431	0.113652	0.00025	0.040928	1.492261
2937	488735.69	3858315.64	11.61062	23.08306	19.0321	28.2423	1.05E+00	0.09765	0.00036	0.06541	1.2156	1.33E+00	0.123252	0.000302	0.038187	1.49E+00	1.309093	0.106006	0.000247	0.040557	1.455904
2938	488765.69	3858315.64	11.7168	23.6515	19.17985	28.21007	1.06E+00	0.10006	0.00036	0.06534	1.22756	1.34E+00	0.126288	0.000305	0.038143	1.50E+00	1.321065	0.108616	0.000249	0.040511	1.470442
2939	478676.63	3849871.93	8.97051	11.15204	9.22653	9.50031	8.13E-01	0.04718	0.00017	0.022	0.88228	1.03E+00	0.059547	0.000147	0.012845	1.10E+00	1.011422	0.051214	0.00012	0.013643	1.076399
2940	479326.63	3849871.93	11.5302	14.28306	14.15617	10.76037	1.04E+00	0.06042	0.00027	0.02492	1.1305	1.32E+00	0.076265	0.000225	0.014549	1.41E+00	1.300026	0.065593	0.000184	0.015452	1.381255
2941	479376.63	3849871.93	11.63548	14.16635	14.34718	10.96108	1.05E+00	0.05993	0.00027	0.02539	1.14002	1.33E+00	0.075642	0.000228	0.014821	1.42E+00	1.311896	0.065057	0.000186	0.015741	1.39288
2942	479426.63	3849871.93	11.66014	13.94556	14.35416	11.04157	1.06E+00	0.059	0.00027	0.02557	1.14151	1.33E+00	0.074463	0.000228	0.014929	1.42E+00	1.314677	0.064043	0.000186	0.015856	1.394763
2943	478726.63	3849921.93	8.95742	11.14119	9.12952	9.61007	8.12E-01	0.04713	0.00017	0.02226	0.8813	1.02E+00	0.059489	0.000145	0.012994	1.10E+00	1.009946	0.051164	0.000119	0.013801	1.07503
2944	478776.63	3849921.93	9.26315	11.5448	9.67347	9.91502	8.39E-01	0.04884	0.00018	0.02297	0.91143	1.06E+00	0.061644	0.000154	0.013406	1.13E+00	1.044417	0.053018	0.000126	0.014238	1.111799
2945	478826.63	3849921.93	9.53686	11.88548	10.18428	10.37628	8.64E-01	0.05028	0.00019	0.02403	0.93876	1.09E+00	0.063463	0.000162	0.01403	1.17E+00	1.075278	0.054583	0.000132	0.014901	1.144893
2946	478976.63	3849921.93	10.22381	12.82072	11.43383	11.38604	9.27E-01	0.05424	0.00021	0.02637	1.00733	1.17E+00	0.068457	0.000182	0.015395	1.25E+00	1.152731	0.058878	0.000148	0.016351	1.228108
2947	479026.63	3849921.93	10.40924	13.05773	11.52503	11.49731	9.43E-01	0.05524	0.00022	0.02663	1.02539	1.19E+00	0.069722	0.000183	0.015546	1.28E+00	1.173638	0.059966	0.00015	0.016511	1.250265
2948	479076.63	3849921.93	10.60147	13.25039	11.9871	11.39875	9.61E-01	0.05606	0.00022	0.0264	1.04341	1.21E+00	0.070751	0.000191	0.015412	1.30E+00	1.195312	0.060851	0.000156	0.016369	1.272688
2949	479126.63	3849921.93	10.73912	13.37613	12.53596	11.41348	9.73E-01	0.05659	0.00023	0.02644	1.05646	1.23E+00	0.071422	0.000199	0.015432	1.32E+00	1.210832	0.061428	0.000163	0.01639	1.288813
2950	479176.63	3849921.93	10.7561	13.57254	12.83468	11.83826	9.75E-01	0.05742	0.00024	0.02742	1.05982	1.23E+00	0.072471	0.000204	0.016007	1.32E+00	1.212747	0.06233	0.000167	0.017	1.292244
2951	479226.63	3849921.93	10.96375	13.96835	13.2506	11.79814	9.94E-01	0.05909	0.00025	0.02733	1.08023	1.25E+00	0.074584	0.000211	0.015952	1.34E+00	1.236159	0.064148	0.000172	0.016943	1.317422
2952	479276.63	3849921.93	11.37594	14.23992	13.61758	11.21429	1.03E+00	0.06024	0.00025	0.02597	1.11738	1.30E+00	0.076034	0.000216	0.015163	1.39E+00	1.282633	0.065395	0.000177	0.016104	1.364309
2953	479326.63	3849921.93	11.2426	14.19596	13.35382	11.85081	1.02E+00	0.06006	0.00025	0.02745	1.10658	1.29E+00	0.0758	0.000212	0.016024	1.38E+00	1.267599	0.065193	0.000173	0.017018	1.349984
2954	479376.63	3849921.93	11.54399	14.3572	14.15371	10.98657	1.05E+00	0.06074	0.00026	0.02545	1.13259	1.32E+00	0.076661	0.000225	0.014855	1.41E+00	1.301581	0.065934	0.000184	0.015777	1.383476
2955	479426.63	3849921.93	11.45885	14.18906	14.05406	11.71355	1.04E+00	0.06003	0.00026	0.02713	1.12585	1.31E+00	0.075763	0.000223	0.015838	1.40E+00	1.291981	0.065161	0.000182	0.016821	1.374147
2956	478726.63	3849971.93	8.63543	10.79791	8.59624	9.46795	7.83E-01	0.04568	0.00016	0.02193	0.85033	9.88E-01	0.057656	0.000137	0.012802	1.06E+00	0.973642	0.049588	0.000112	0.013596	1.036938
2957	478776.63	3849971.93	8.95001	11.14042	9.06387	9.70765	8.11E-01	0.04713	0.00017	0.02248	0.88085	1.02E+00	0.059485	0.000144	0.013126	1.10E+00	1.009111	0.051161	0.000118	0.013941	1.07433
2958	478826.63	3849971.93	9.28181	11.5731	9.63274	9.98474	8.41E-01	0.04896	0.00018	0.02313	0.9134	1.06E+00	0.061795	0.000153	0.0135	1.14E+00	1.046521	0.053148	0.000125	0.014339	1.114133
2959	478976.63	3849971.93	9.78928	12.32888	10.77769	11.50027	8.87E-01	0.05216	0.0002	0.02664	0.96612	1.12E+00	0.06583	0.000171	0.01555	1.20E+00	1.103738	0.056619	0.00014	0.016515	1.177012
2960	479026.63	3849971.93	10.0989	12.71031	11.21215	11.7043	9.15E-01	0.05377	0.00021	0.02711	0.99627	1.16E+00	0.067867	0.000178	0.015825	1.24E+00	1.138648	0.05837	0.000146	0.016808	1.213972
2961	479076.63	3849971.93	10.39374	13.08202	11.50226	11.67501	9.42E-01	0.05534	0.00022	0.02704	1.0245	1.19E+00	0.069852	0.000183	0.015786	1.27E+00	1.171891	0.060077	0.000149	0.016766	1.248883
2962	479126.63	3849971.93	10.59681	13.28143	11.94524	11.58779	9.60E-01	0.05619	0.00022	0.02684	1.04356	1.21E+00	0.070916	0.00019	0.015668	1.30E+00	1.194787	0.060993	0.000155	0.016641	1.272576
2963	479176.63	3849971.93	10.69939	13.38477	12.41957	11.62003	9.70E-01	0.05662	0.00023	0.02691	1.05337	1.22E+00	0.071468	0.000197	0.015712	1.31E+00	1.206353	0.061468	0.000161	0.016687	1.284669
2964	479226.63	3849971.93	11.1334	13.94365	13.51968	11.05858	1.01E+00	0.05899	0.00025	0.02561	1.09379	1.27E+00	0.074452	0.000215	0.014952	1.36E+00	1.255287	0.064034	0.000175	0.015881	1.335378
2965	479276.63	3849971.93	11.01101	14.02638	13.27446	12.06603	9.98E-01	0.05934	0.00025	0.02795	1.08538	1.26E+00	0.074894	0.000211	0.016315	1.35E+00	1.241488	0.064414	0.000172	0.017327	1.323402
2966	479326.63	3849971.93	10.92328	13.94404	12.86094	12.62619	9.90E-01	0.05899	0.00024	0.02924	1.07837	1.25E+00	0.074454	0.000204	0.017072	1.34E+00	1.231596	0.064036	0.000167	0.018132	1.313931
2967	479376.63	3849971.93	11.36755	14.33698	13.54082	11.78791	1.03E+00	0.06065	0.00025	0.0273	1.11836	1.30E+00	0.076553	0.000215	0.015939	1.39E+00	1.281687	0.065841	0.000176	0.016928	1.364632
2968	479426.63	3849971.93	11.33743	14.31004	13.76844	11.76329	1.03E+00	0.06054	0.00026	0.02725	1.11546	1.30E+00	0.076409	0.000219	0.015905	1.39E+00	1.278291	0.065717	0.000179	0.016893	1.36108
2969	478726.63	3850021.93	8.30555	10.46323	8.17739	9.15398	7.53E-01	0.04426	0.00015	0.0212	0.81829	9.50E-01	0.055869	0.00013	0.012377	1.02E+00	0.936448	0.048051	0.000106	0.013146	0.997751
2970	478776.63	3850021.93	8.63434	10.81755	8.5673	9.53486	7.82E-01	0.04576	0.00016	0.02208	0.85047	9.88E-01	0.057761	0.000136	0.012892	1.06E+00	0.973519	0.049678	0.000111	0.013693	1.037001
2971	478826.63	3850021.93	8.93971	11.13906	9.00441	9.80505	8.10E-01	0.04712	0.00017	0.02271	0.88014	1.02E+00	0.059477	0.000143	0.013257	1.10E+00	1.007949	0.051155	0.000117	0.014081	1.073301
2972	478976.63	3850021.93	9.64718	12.08541	10.29162	11.13157	8.74E-01	0.05113	0.00019	0.02578	0.95135	1.10E+00	0.06453	0.000164	0.015051	1.18E+00	1.087716	0.055501	0.000134	0.015986	1.159336
2973	478726.63	3850071.93	7.96399	10.04094	7.74573	8.86536	7.22E-01	0.04248	0.00015	0.02053	0.78487	9.11E-01	0.053614	0.000123	0.011987	9.77E-01	0.897937	0.046112	0.000101	0.012731	0.956881
2974	478776.63	3850071.93	8.28005	10.44984	8.12441	9.20855	7.50E-01	0.04421	0.00015	0.02133	0.81604	9.47E-01	0.055797	0.000129	0.012451	1.02E+00	0.933573	0.04799	0.000105	0.013224	0.994892
2975	478826.63	3850071.93	8.59268	10.79955	8.48152	9.62113	7.79E-01	0.04569	0.00016	0.02228	0.84682	9.83E-01	0.057664	0.000135	0.013009	1.05E+00	0.968822	0.049596	0.00011	0.013816	1.032344
2976	478876.63	3850071.93	8.90363	11.10405	8.90697	9.92289	8.07E-01	0.04698	0.00017	0.02298	0.87699	1.02E+00	0.05929	0.000142	0.013417	1.09E+00	1.003881	0.050994	0.000116	0.01425	1.069241
2977	478976.63	3850071.93	9.42762	11.81457	9.8089	10.73175	8.54E-01	0.04998	0.00018	0.02486	0.92937	1.08E+00	0.063084	0.000156	0.01451	1.16E+00	1.062961	0.054257	0.000127	0.015411	1.132757
2978	478726.63	3850121.93	7.67109	9.11722	7.4885	8.73241	6.95E-01	0.03857	0.00014	0.02023	0.75411	8.77E-01	0.048682	0.000119	0.011807	9.38E-01	0.864913	0.04187	9.72E-05	0.01254	0.91942
2979	478776.63	3850121.93	7.92719	9.48518	7.70488	8.96999	7.18E-01	0.04013	0.00014	0.02078	0.77943	9.07E-01	0.050646	0.000122	0.012128	9.70E-01	0.893788	0.043559	0.0001	0.012881	0.950329
2980	478826.63	3850121.93	8.249	9.85109	8.08967	9.28468	7.48E-01	0.04168	0.00015	0.02151	0.81087	9.44E-01	0.0526	0.000129	0.012554	1.01E+00	0.930072	0.04524	0.000105	0.013333	0.98875
2981	478876.63	3850121.93	8.56202	10.16024	8.46456	9.71446	7.76E-01	0.04298	0.00016	0.0225	0.84155	9.79E-01	0.054251	0.000135	0.013135	1.05E+00	0.965365	0.04666	0.00011	0.01395	1.026085
2982	478976.63	3850121.93	9.12329	10.78225	9.27099	10.3747	8.27E-01	0.04561	0.00017	0.02403	0.89659	1.04E+00	0.057572	0.000147	0.014028	1.12E+00	1.028648	0.049516	0.00012	0.014899	1.093183
2983	479026.63	3850121.93	9.36713	11.08779	9.69634	10.85663	8.49E-01	0.04691	0.00018	0.02515	0.9211	1.07E+00	0.059203	0.000154	0.014679	1.15E+00	1.056141	0.050919	0.000126	0.015591	1.122777
2984	479076.63	3850121.93	9.55852	12.03547	10.06996	11.37213	8.66E-01	0.05092	0.00019	0.02634	0.94366	1.09E+00	0.064264	0.00016	0.015376	1.17E+00	1.07772	0.055271	0.000131	0.016331	1.149453
2985	479126.63	3850121.93	9.70633	12.26584	10.51543	11.8896	8.80E-01	0.05189	0.0002	0.02754	0.95923	1.11E+00	0.065494	0.000167	0.016076	1.19E+00	1.094385	0.056329	0.000136	0.017074	1.167925

2986	478776.63	3850171.93	7.64688	9.15708	7.46158	8.84201	6.93E-01	0.03874	0.00014	0.02048	0.75233	8.75E-01	0.048894	0.000119	0.011955	9.36E-01	0.862183	0.042053	9.69E-05	0.012698	0.91703
2987	478826.63	3850171.93	7.91822	9.53027	7.67634	9.0357	7.18E-01	0.04032	0.00014	0.02093	0.77896	9.06E-01	0.050887	0.000122	0.012217	9.69E-01	0.892777	0.043767	9.96E-05	0.012976	0.949619
2988	478876.63	3850171.93	8.23533	9.90746	8.06458	9.32533	7.46E-01	0.04191	0.00015	0.0216	0.80997	9.42E-01	0.052901	0.000128	0.012609	1.01E+00	0.928531	0.045499	0.000105	0.013392	0.987526
2989	478976.63	3850171.93	8.77383	10.51791	8.71563	10.18554	7.95E-01	0.0445	0.00016	0.02359	0.86335	1.00E+00	0.056161	0.000139	0.013772	1.07E+00	0.989246	0.048302	0.000113	0.014627	1.052289
2990	479026.63	3850171.93	9.07472	10.8695	9.13646	10.55214	8.22E-01	0.04598	0.00017	0.02444	0.89297	1.04E+00	0.058038	0.000145	0.014268	1.11E+00	1.023172	0.049917	0.000119	0.015153	1.08836
2991	479076.63	3850171.93	9.32235	11.15618	9.59647	10.95888	8.45E-01	0.0472	0.00018	0.02538	0.91757	1.07E+00	0.059569	0.000153	0.014818	1.14E+00	1.051092	0.051233	0.000125	0.015738	1.118187
2992	479126.63	3850171.93	9.51394	11.38229	9.94605	11.53008	8.62E-01	0.04815	0.00019	0.02671	0.93722	1.09E+00	0.060776	0.000158	0.01559	1.16E+00	1.072693	0.052272	0.000129	0.016558	1.141652
2993	479176.63	3850171.93	9.60098	11.52325	10.3248	12.11487	8.70E-01	0.04875	0.00019	0.02806	0.94706	1.10E+00	0.061529	0.000164	0.016381	1.18E+00	1.082507	0.052919	0.000134	0.017398	1.152958
2994	479226.63	3850171.93	9.75577	11.71388	10.49287	12.69149	8.84E-01	0.04956	0.0002	0.0294	0.96324	1.12E+00	0.062547	0.000167	0.01716	1.20E+00	1.09996	0.053794	0.000136	0.018226	1.172116
2995	479276.63	3850171.93	9.84281	11.92903	10.48782	13.00293	8.92E-01	0.05047	0.0002	0.03012	0.97276	1.13E+00	0.063695	0.000167	0.017581	1.21E+00	1.109773	0.054783	0.000136	0.018673	1.183365
2996	479326.63	3850171.93	10.08131	12.17991	10.9269	13.02423	9.14E-01	0.05153	0.0002	0.03017	0.99549	1.15E+00	0.065035	0.000174	0.01761	1.24E+00	1.136664	0.055935	0.000142	0.018703	1.211444
2997	479376.63	3850171.93	10.24168	12.35981	11.46514	12.9872	9.28E-01	0.05229	0.00021	0.03008	1.01071	1.17E+00	0.065995	0.000182	0.01756	1.26E+00	1.154746	0.056761	0.000149	0.01865	1.230306
2998	478676.63	3850221.93	7.01371	8.52671	7.80184	9.32909	6.36E-01	0.03607	0.00015	0.02161	0.69342	8.02E-01	0.045529	0.000124	0.012614	8.60E-01	0.790793	0.039158	0.000101	0.013397	0.84345
2999	478726.63	3850221.93	6.99121	8.42463	7.66561	9.24597	6.34E-01	0.03564	0.00014	0.02142	0.69076	8.00E-01	0.044983	0.000122	0.012502	8.57E-01	0.788257	0.038689	9.95E-05	0.013278	0.840323
3000	478976.63	3850221.93	8.4224	10.26736	8.30052	9.93134	7.63E-01	0.04344	0.00016	0.023	0.82985	9.63E-01	0.054823	0.000132	0.013428	1.03E+00	0.949623	0.047152	0.000108	0.014262	1.011144
3001	479026.63	3850221.93	8.72328	10.59132	8.58373	10.33517	7.91E-01	0.04481	0.00016	0.02394	0.85943	9.98E-01	0.056553	0.000136	0.013974	1.07E+00	0.983547	0.048639	0.000111	0.014842	1.047139
3002	479076.63	3850221.93	9.04666	10.92496	9.03986	10.65142	8.20E-01	0.04622	0.00017	0.02467	0.89089	1.03E+00	0.058334	0.000144	0.014402	1.11E+00	1.020008	0.050171	0.000117	0.015296	1.085593
3003	479126.63	3850221.93	9.29578	11.24082	9.47923	11.11159	8.42E-01	0.04755	0.00018	0.02574	0.91587	1.06E+00	0.060021	0.000151	0.015024	1.14E+00	1.048096	0.051622	0.000123	0.015957	1.115798
3004	479176.63	3850221.93	9.41839	11.45345	9.73227	11.76369	8.54E-01	0.04845	0.00018	0.02725	0.9294	1.08E+00	0.061156	0.000155	0.015906	1.15E+00	1.06192	0.052598	0.000126	0.016893	1.131538
3005	479226.63	3850221.93	9.43772	11.57191	10.03534	12.42658	8.55E-01	0.04896	0.00019	0.02878	0.93319	1.08E+00	0.061788	0.000159	0.016802	1.16E+00	1.0641	0.053143	0.00013	0.017845	1.135218
3006	479276.63	3850221.93	9.60103	11.73652	10.21859	12.9395	8.70E-01	0.04965	0.00019	0.02997	0.94988	1.10E+00	0.062667	0.000162	0.017496	1.18E+00	1.082513	0.053898	0.000133	0.018582	1.155126
3007	479326.63	3850221.93	9.90379	12.01562	10.55878	13.08062	8.98E-01	0.05083	0.0002	0.0303	0.97883	1.13E+00	0.064158	0.000168	0.017686	1.21E+00	1.116649	0.05518	0.000137	0.018784	1.190751
3008	479376.63	3850221.93	10.09207	12.2617	10.90116	13.16265	9.15E-01	0.05187	0.0002	0.03049	0.99713	1.15E+00	0.065472	0.000173	0.017797	1.24E+00	1.137877	0.05631	0.000142	0.018902	1.213231
3009	478676.63	3850271.93	7.14679	8.61843	7.80879	9.41207	6.48E-01	0.03646	0.00015	0.0218	0.70606	8.17E-01	0.046018	0.000124	0.012726	8.76E-01	0.805798	0.039579	0.000101	0.013516	0.858995
3010	478726.63	3850271.93	7.01742	8.59888	7.76039	9.49546	6.36E-01	0.03638	0.00015	0.02199	0.69445	8.03E-01	0.045914	0.000123	0.012839	8.62E-01	0.791212	0.039489	0.000101	0.013636	0.844438
3011	478976.63	3850271.93	8.12579	9.98675	7.90577	9.47864	7.36E-01	0.04225	0.00015	0.02195	0.80073	9.29E-01	0.053324	0.000126	0.012816	9.96E-01	0.91618	0.045863	0.000103	0.013612	0.975757
3012	479026.63	3850271.93	8.34529	10.29339	8.20879	10.00903	7.56E-01	0.04355	0.00015	0.02318	0.82315	9.55E-01	0.054962	0.00013	0.013533	1.02E+00	0.940929	0.047271	0.000107	0.014373	1.00268
3013	479076.63	3850271.93	8.67409	10.64068	8.49669	10.43096	7.86E-01	0.04502	0.00016	0.02416	0.8554	9.92E-01	0.056816	0.000135	0.014104	1.06E+00	0.978001	0.048866	0.00011	0.014979	1.041956
3014	479126.63	3850271.93	8.97565	10.96573	8.89485	10.77995	8.13E-01	0.04639	0.00017	0.02497	0.88492	1.03E+00	0.058552	0.000141	0.014576	1.10E+00	1.012001	0.050359	0.000115	0.015481	1.077956
3015	479176.63	3850271.93	9.18707	11.27371	9.26498	11.30439	8.33E-01	0.04769	0.00017	0.02618	0.9066	1.05E+00	0.060196	0.000147	0.015285	1.13E+00	1.035839	0.051773	0.00012	0.016234	1.103966
3016	479226.63	3850271.93	9.30293	11.47957	9.54107	11.94722	8.43E-01	0.04856	0.00018	0.02767	0.91947	1.06E+00	0.061295	0.000152	0.016154	1.14E+00	1.048902	0.052718	0.000124	0.017157	1.118901
3017	479276.63	3850271.93	9.38864	11.61242	9.90373	12.56746	8.51E-01	0.04913	0.00019	0.02911	0.92924	1.07E+00	0.062005	0.000157	0.016993	1.15E+00	1.058566	0.053329	0.000129	0.018048	1.130071
3018	479326.63	3850271.93	9.6579	11.83173	10.27914	12.99212	8.75E-01	0.05005	0.00019	0.03009	0.95556	1.10E+00	0.063176	0.000163	0.017567	1.19E+00	1.088925	0.054336	0.000133	0.018657	1.162051
3019	479376.63	3850271.93	9.98161	12.10828	10.65965	13.13782	9.05E-01	0.05122	0.0002	0.03043	0.98641	1.14E+00	0.064652	0.000169	0.017764	1.22E+00	1.125423	0.055606	0.000138	0.018867	1.200034
3020	479053.24	3850293.52	8.33398	10.33156	8.19836	10.09312	7.55E-01	0.04371	0.00015	0.02338	0.82248	9.53E-01	0.055166	0.00013	0.013647	1.02E+00	0.939653	0.047446	0.000106	0.014494	1.0017
3021	479103.24	3850293.52	8.66338	10.68768	8.47474	10.5202	7.85E-01	0.04521	0.00016	0.02437	0.85483	9.91E-01	0.057067	0.000135	0.014224	1.06E+00	0.976793	0.049082	0.00011	0.015108	1.041092
3022	479153.24	3850293.52	8.96929	11.0164	8.88286	10.88878	8.13E-01	0.0466	0.00017	0.02522	0.88481	1.03E+00	0.058822	0.000141	0.014723	1.10E+00	1.011284	0.050591	0.000115	0.015637	1.077628
3023	479203.24	3850293.52	9.15375	11.30982	9.21265	11.42666	8.30E-01	0.04785	0.00017	0.02647	0.90402	1.05E+00	0.060389	0.000146	0.01545	1.12E+00	1.032082	0.051939	0.00012	0.016409	1.10055
3024	479253.24	3850293.52	9.2863	11.51747	9.53513	12.05612	8.42E-01	0.04872	0.00018	0.02792	0.91837	1.06E+00	0.061498	0.000152	0.016301	1.14E+00	1.047027	0.052893	0.000124	0.017313	1.117357
3025	479303.24	3850293.52	9.42924	11.66715	9.96638	12.63075	8.54E-01	0.04936	0.00019	0.02926	0.9333	1.08E+00	0.062297	0.000158	0.017078	1.16E+00	1.063144	0.05358	0.000129	0.018138	1.134991
3026	479353.24	3850293.52	9.72524	11.89626	10.37297	13.02041	8.81E-01	0.05033	0.00019	0.03016	0.962	1.11E+00	0.06352	0.000165	0.017605	1.19E+00	1.096517	0.054632	0.000135	0.018698	1.169982
3027	479153.24	3850343.52	8.6099	10.51915	8.41402	10.62371	7.80E-01	0.0445	0.00016	0.02461	0.84951	9.85E-01	0.056167	0.000134	0.014364	1.06E+00	0.970763	0.048308	0.000109	0.015256	1.034437
3028	479203.24	3850343.52	8.89899	10.83415	8.74804	11.05092	8.06E-01	0.04583	0.00016	0.0256	0.87804	1.02E+00	0.057849	0.000139	0.014942	1.09E+00	1.003358	0.049754	0.000114	0.01587	1.069096
3029	479253.24	3850343.52	9.14193	11.0762	9.15855	11.53406	8.28E-01	0.04686	0.00017	0.02672	0.90221	1.05E+00	0.059142	0.000146	0.015595	1.12E+00	1.030749	0.050866	0.000119	0.016564	1.098298
3030	479303.24	3850343.52	9.33647	11.59718	9.56417	12.08402	8.46E-01	0.04906	0.00018	0.02799	0.92332	1.07E+00	0.061923	0.000152	0.016339	1.15E+00	1.052684	0.053259	0.000124	0.017353	1.12342
3031	479353.24	3850343.52	9.50746	11.76098	10.03818	12.63417	8.62E-01	0.04975	0.00019	0.02926	0.94079	1.09E+00	0.062798	0.00016	0.017083	1.17E+00	1.071963	0.054011	0.00013	0.018143	1.144247
3032	479203.24	3850393.52	8.57759	10.60013	8.37541	10.70998	7.77E-01	0.04484	0.00016	0.02481	0.84713	9.81E-01	0.0566	0.000133	0.014481	1.05E+00	0.96712	0.04868	0.000109	0.01538	1.031289
3033	479253.24	3850393.52	8.89591	10.8951	8.70785	11.08553	8.06E-01	0.04609	0.00016	0.02568	0.8781	1.02E+00	0.058175	0.000138	0.014989	1.09E+00	1.003011	0.050034	0.000113	0.015919	1.069078
3034	479303.24	3850393.52	9.17728	11.17285	9.18184	11.60181	8.32E-01	0.04727	0.00017	0.02687	0.90598	1.05E+00	0.059658	0.000146	0.015687	1.13E+00	1.034735	0.05131	0.000119	0.016661	1.102825
3035	479353.24	3850393.52	9.3896	11.67308	9.58471	12.11135	8.51E-01	0.04938	0.00018	0.02805	0.92852	1.07E+00	0.062329	0.000152	0.016376	1.15E+00	1.058674	0.053607	0.000124	0.017393	1.129798
3036	479403.24	3850393.52	9.55728	11.84843	10.06744	12.66335	8.66E-01	0.05012	0.00019	0.02933	0.94574	1.09E+00	0.063265	0.00016	0.017122	1.17E+00	1.07758	0.054412	0.000131	0.018185	1.150308
3037	479453.24	3850393.52	9.86063	12.08817	10.54302	13.08139	8.94E-01	0.05114	0.0002	0.0303	0.97523	1.13E+00	0.064545	0.000168	0.017687	1.21E+00	1.111783	0.055513	0.000137	0.018786	1.186218
3038	479503.24	3850393.52	10.25246	12.37852	11.01751	13.22772	9.29E-01	0.05237	0.00021	0.03064	1.01231	1.17E+00	0.066095	0.000175	0.017885	1.26E+00	1.155961	0.056847	0.000143	0.018996	1.231947
3039	479303.24	3850443.52	8.93879	10.95302	8.74396	11.0798	8.10E-01	0.04634	0.00016	0.02566	0.88222	1.02E+00	0.058484	0.000139	0.014981	1.10E+00	1.007846	0.0503	0.000114	0.015911	1.074171
3040	479353.24	3850443.52	9.25185	11.22566	9.23657	11.56956	8.38E-01	0.04749	0.00017	0.0268	0.91288	1.06E+00	0.05994	0.000147	0.015643	1.13E+00	1.043143	0.051552	0.00012	0.016614	1.11143
3041	479403.24	3850443.52	9.51575	11.7798	9.70535	12.05653	8.62E-01	0.04983	0.00018	0.02793	0.94028	1.09E+00	0.062898	0.000154	0.016302	1.17E+00	1.072898	0.054097	0.000126	0.017314	1.144435
3042	479453.24	3850443.52	9.72776	11.97975	10.26788	12.56096	8.82E-01	0.05068	0.00019	0.02909	0.96152	1.11E+00	0.063966	0.000163	0.016984	1.19E+00	1.096802	0.055015	0.000133	0.018038	1.169989
3043	479503.24	3850443.52	10.05717	12.21674	10.81987	12.98763	9.11E-01	0.05168	0.0002	0.03008	0.99337	1.15E+00	0.065232	0.000172	0.017561	1.23E+00	1.133942	0.056104	0.00014	0.018651	1.208838
3044	480327.18	3850987.04	10.23433	13.75686	11.80789	16.39964	9.27E-01	0.0582	0.00022	0.03798	1.02386	1.17E+00	0.073455	0.000188	0.022174	1.27E+00	1.153917	0.063177	0.000153	0.023551	1.240798
3045	480377.18	3850987.04	10.23144	13.83531	11.83231	16.81844	9.27E-01	0.05853	0.00022	0.03895	1.0249	1.17E+00	0.073874	0.000188	0.02274	1.27E+00	1.153591	0.063537	0.000154	0.024152	1.241434
3046	480427.18	3850987.04	10.19164	13.74391	11.73592	16.82167	9.24E-01	0.05814	0.00022	0.03896	1.02091	1.17E+00	0.073386	0.000187	0.022745	1.26E+00	1.149104	0.063117	0.000152	0.024157	1.23653

3047	480477.18	3850987.04	10.12539	13.52306	11.76242	16.49316		9.18E-01	0.05721	0.00022	0.0382	1.01322		1.16E+00	0.072207	0.000187	0.022301	1.25E+00		1.141634	0.062103	0.000153	0.023685	1.227575
3048	480327.18	3851037.04	10.22811	13.59437	11.64763	15.8062		9.27E-01	0.05751	0.00022	0.03661	1.02123		1.17E+00	0.072587	0.000185	0.021372	1.26E+00		1.153216	0.06243	0.000151	0.022699	1.238496
3049	480377.18	3851037.04	10.24708	13.79379	11.84322	16.38261		9.29E-01	0.05835	0.00022	0.03795	1.02513		1.17E+00	0.073652	0.000188	0.022151	1.27E+00		1.155355	0.063346	0.000154	0.023526	1.242381
3050	480427.18	3851037.04	10.26679	13.89588	11.89453	16.82764		9.30E-01	0.05879	0.00022	0.03898	1.02838		1.17E+00	0.074197	0.000189	0.022753	1.27E+00		1.157577	0.063815	0.000154	0.024165	1.245712
3051	480477.18	3851037.04	10.2107	13.80271	11.78841	16.87492		9.25E-01	0.05839	0.00022	0.03909	1.02301		1.17E+00	0.0737	0.000187	0.022817	1.26E+00		1.151253	0.063387	0.000153	0.024233	1.239026
3052	480622.06	3851087.39	9.96231	13.44486	11.6926	16.818		9.03E-01	0.05688	0.00022	0.03895	0.99886		1.14E+00	0.071789	0.000186	0.02274	1.23E+00		1.123247	0.061744	0.000152	0.024152	1.209294
3053	480672.06	3851087.39	9.93164	13.42601	11.72223	17.16623		9.00E-01	0.0568	0.00022	0.03976	0.9968		1.14E+00	0.071688	0.000186	0.023211	1.23E+00		1.119789	0.061657	0.000152	0.024652	1.20625
3054	480622.06	3851137.39	10.01151	13.62085	11.73028	16.76156		9.07E-01	0.05762	0.00022	0.03882	1.00393		1.15E+00	0.072729	0.000186	0.022663	1.24E+00		1.128794	0.062552	0.000152	0.02407	1.215569
3055	480672.06	3851137.39	9.8869	13.49831	11.66532	16.8648		8.96E-01	0.0571	0.00022	0.03906	0.99236		1.13E+00	0.072075	0.000185	0.022803	1.23E+00		1.114745	0.061989	0.000151	0.024219	1.201104
3056	480722.06	3851137.39	9.83769	13.43716	11.66789	17.2046		8.92E-01	0.05685	0.00022	0.03985	0.98843		1.13E+00	0.071748	0.000185	0.023262	1.22E+00		1.109196	0.061708	0.000151	0.024707	1.195763
3057	480622.06	3851187.39	10.0832	13.79826	11.80163	16.94697		9.14E-01	0.05837	0.00022	0.03925	1.01161		1.15E+00	0.073676	0.000188	0.022914	1.25E+00		1.136877	0.063367	0.000153	0.024337	1.224734
3058	480672.06	3851187.39	9.95705	13.58277	11.69505	16.79958		9.02E-01	0.05746	0.00022	0.03891	0.99892		1.14E+00	0.072525	0.000186	0.022715	1.23E+00		1.122654	0.062377	0.000152	0.024125	1.209308
3059	480722.06	3851187.39	9.83667	13.53913	11.65859	16.95194		8.91E-01	0.05728	0.00022	0.03926	0.98818		1.13E+00	0.072292	0.000185	0.022921	1.22E+00		1.109081	0.062177	0.000151	0.024344	1.195753
3060	471363.09	3845877.25	2.65376	3.14699	3.37282	1.70621		2.40E-01	0.01331	6.3E-05	0.00395	0.25782		3.04E-01	0.016803	5.36E-05	0.002307	3.23E-01		0.299211	0.014452	4.38E-05	0.00245	0.316157
3061	471863.09	3845877.25	2.18468	2.59317	2.70409	1.65352		1.98E-01	0.01097	5.1E-05	0.00383	0.21283		2.50E-01	0.013846	4.3E-05	0.002236	2.66E-01		0.246322	0.011909	3.51E-05	0.002375	0.26064
3062	472363.09	3845877.25	3.09712	3.77768	3.73538	2.21422		2.81E-01	0.01598	7E-05	0.00513	0.30185		3.54E-01	0.020171	5.94E-05	0.002994	3.77E-01		0.349199	0.017349	4.85E-05	0.00318	0.369776
3063	472863.09	3845877.25	2.37661	2.81348	2.91391	1.95958		2.15E-01	0.0119	5.5E-05	0.00454	0.23187		2.72E-01	0.015023	4.63E-05	0.00265	2.90E-01		0.267962	0.012921	3.78E-05	0.002814	0.283734
3064	473363.09	3845877.25	2.42578	2.9156	2.92267	1.98307		2.20E-01	0.01233	5.5E-05	0.00459	0.23681		2.77E-01	0.015568	4.65E-05	0.002681	2.96E-01		0.273506	0.01339	3.79E-05	0.002848	0.289781
3065	473863.09	3845877.25	2.85501	3.5438	3.3756	2.65888		2.59E-01	0.01499	6.3E-05	0.00616	0.27994		3.27E-01	0.018922	5.36E-05	0.003595	3.49E-01		0.321901	0.016274	4.38E-05	0.003818	0.342038
3066	474363.09	3845877.25	3.54433	4.26513	4.22352	2.51745		3.21E-01	0.01804	7.9E-05	0.00583	0.34515		4.05E-01	0.022774	6.71E-05	0.003404	4.32E-01		0.399622	0.019587	5.48E-05	0.003615	0.422879
3067	474863.09	3845877.25	4.45464	5.25017	5.42826	2.56452		4.04E-01	0.02221	0.0001	0.00594	0.43194		5.10E-01	0.028033	8.63E-05	0.003468	5.41E-01		0.502259	0.024111	7.05E-05	0.003683	0.530123
3068	475363.09	3845877.25	5.41611	6.27617	6.76261	3.79831		4.91E-01	0.02655	0.00013	0.0088	0.52629		6.19E-01	0.033512	0.000107	0.005136	6.58E-01		0.610665	0.028823	8.78E-05	0.005455	0.645029
3069	475863.09	3845877.25	5.00435	5.69014	6.30437	3.9564		4.54E-01	0.02407	0.00012	0.00916	0.48686		5.72E-01	0.030383	0.0001	0.005349	6.08E-01		0.564239	0.026131	8.18E-05	0.005682	0.596133
3070	476363.09	3845877.25	4.70651	5.48904	5.82808	3.64437		4.27E-01	0.02322	0.00011	0.00844	0.45829		5.38E-01	0.029309	9.26E-05	0.004928	5.73E-01		0.530657	0.025208	7.57E-05	0.005234	0.561174
3071	476863.09	3845877.25	4.03156	4.12888	5.14806	3.03773		3.65E-01	0.01747	9.6E-05	0.00704	0.38995		4.61E-01	0.022046	8.18E-05	0.004107	4.87E-01		0.454557	0.018961	6.68E-05	0.004362	0.477948
3072	477363.09	3845877.25	3.18835	3.23147	4.1582	2.25645		2.89E-01	0.01367	7.8E-05	0.00523	0.30791		3.65E-01	0.017255	6.61E-05	0.003051	3.85E-01		0.359485	0.01484	5.4E-05	0.00324	0.37762
3073	477863.09	3845877.25	2.61388	2.99179	3.37476	1.75959		2.37E-01	0.01266	6.3E-05	0.00408	0.25367		2.99E-01	0.015975	5.36E-05	0.002379	3.17E-01		0.294714	0.013739	4.38E-05	0.002527	0.311024
3074	478363.09	3845877.25	2.58323	2.80839	3.43865	1.75831		2.34E-01	0.01188	6.4E-05	0.00407	0.25012		2.95E-01	0.014995	5.47E-05	0.002377	3.13E-01		0.291258	0.012897	4.46E-05	0.002525	0.306725
3075	478863.09	3845877.25	2.13187	2.70611	2.80705	1.66075		1.93E-01	0.01145	5.3E-05	0.00385	0.20854		2.44E-01	0.014449	4.46E-05	0.002246	2.61E-01		0.240368	0.012427	3.64E-05	0.002385	0.255216
3076	479363.09	3845877.25	1.88841	2.49534	2.53477	1.42395		1.71E-01	0.01056	4.7E-05	0.0033	0.18503		2.16E-01	0.013324	4.03E-05	0.001925	2.31E-01		0.212918	0.01146	3.29E-05	0.002045	0.226455
3077	479863.09	3845877.25	1.45534	2.14322	1.98884	1.10797		1.32E-01	0.00907	3.7E-05	0.00257	0.14356		1.66E-01	0.011444	3.16E-05	0.001498	1.79E-01		0.164089	0.009842	2.58E-05	0.001591	0.175548
3078	480363.09	3845877.25	1.04261	1.37011	1.45451	1.04548		9.45E-02	0.0058	2.7E-05	0.00242	0.10273		1.19E-01	0.007316	2.31E-05	0.001414	1.28E-01		0.117554	0.006292	1.89E-05	0.001501	0.125366
3079	480863.09	3845877.25	0.86254	1.34907	1.1034	0.92758		7.82E-02	0.00571	2.1E-05	0.00215	0.08604		9.87E-02	0.007203	1.75E-05	0.001254	1.07E-01		0.097251	0.006195	1.43E-05	0.001332	0.104793
3080	481363.09	3845877.25	0.763	1.35428	0.96687	0.82977		6.91E-02	0.00573	1.8E-05	0.00192	0.07681		8.73E-02	0.007231	1.54E-05	0.001122	9.56E-02		0.086028	0.006219	1.26E-05	0.001192	0.093451
3081	481863.09	3845877.25	0.83289	1.15775	1.09725	0.86797		7.55E-02	0.0049	2.1E-05	0.00201	0.08241		9.53E-02	0.006182	1.74E-05	0.001174	1.03E-01		0.093908	0.005317	1.42E-05	0.001246	0.100486
3082	482363.09	3845877.25	0.90533	0.92787	1.19429	0.94315		8.20E-02	0.00393	2.2E-05	0.00218	0.08818		1.04E-01	0.004954	1.9E-05	0.001275	1.10E-01		0.102076	0.004261	1.55E-05	0.001354	0.107707
3083	482863.09	3845877.25	0.77061	1.28677	0.80917	0.96672		6.98E-02	0.00544	1.5E-05	0.00224	0.07753		8.81E-02	0.006871	1.29E-05	0.001307	9.63E-02		0.086886	0.005909	1.05E-05	0.001388	0.094194
3084	483363.09	3845877.25	0.84066	1.5547	0.94113	0.93822		7.62E-02	0.00658	1.8E-05	0.00217	0.08495		9.62E-02	0.008301	1.5E-05	0.001269	1.06E-01		0.094784	0.00714	1.22E-05	0.001347	0.103283
3085	483863.09	3845877.25	0.79277	0.80053	1.02245	1.1542		7.18E-02	0.00339	1.9E-05	0.00267	0.07792		9.07E-02	0.004274	1.62E-05	0.001561	9.65E-02		0.089385	0.003676	1.33E-05	0.001657	0.094732
3086	484363.09	3845877.25	0.81442	0.87051	1.02713	1.09663		7.38E-02	0.00368	1.9E-05	0.00254	0.08005		9.32E-02	0.004648	1.63E-05	0.001483	9.93E-02		0.091826	0.003998	1.33E-05	0.001575	0.097411
3087	484863.09	3845877.25	0.89508	1.05241	1.08299	1.13607		8.11E-02	0.00445	2E-05	0.00263	0.08822		1.02E-01	0.005619	1.72E-05	0.001536	1.10E-01		0.10092	0.004833	1.41E-05	0.001631	0.107399
3088	485363.09	3845877.25	0.93553	1.19588	1.17211	1.15701		8.48E-02	0.00506	2.2E-05	0.00268	0.09254		1.07E-01	0.006385	1.86E-05	0.001564	1.15E-01		0.105481	0.005492	1.52E-05	0.001662	0.112649
3089	485863.09	3845877.25	0.84609	1.40457	0.97509	1.27438		7.67E-02	0.00594	1.8E-05	0.00295	0.08559		9.68E-02	0.0075	1.55E-05	0.001723	1.06E-01		0.095396	0.00645	1.27E-05	0.00183	0.103689
3090	486363.09	3845877.25	0.7035	0.78707	0.84534	1.08092		6.38E-02	0.00333	1.6E-05	0.0025	0.0696		8.05E-02	0.004203	1.34E-05	0.001462	8.61E-02		0.079319	0.003615	1.1E-05	0.001552	0.084497
3091	486863.09	3845877.25	0.50228	0.70855	0.64535	0.76259		4.55E-02	0.003	1.2E-05	0.00177	0.05029		5.74E-02	0.003783	1.03E-05	0.001031	6.23E-02		0.056632	0.003254	8.38E-06	0.001095	0.060989
3092	487363.09	3845877.25	0.4701	0.75308	0.5678	0.72133		4.26E-02	0.00319	1.1E-05	0.00167	0.04747		5.38E-02	0.004021	9.02E-06	0.000975	5.88E-02		0.053004	0.003458	7.37E-06	0.001036	0.057505
3093	487863.09	3845877.25	0.40875	0.8399	0.43797	0.65422		3.70E-02	0.00355	8.2E-06	0.00152	0.04212		4.68E-02	0.004485	6.96E-06	0.000885	5.21E-02		0.046086	0.003857	5.69E-06	0.000939	0.050889
3094	488363.09	3845877.25	0.32215	0.56688	0.36069	0.54934		2.92E-02	0.0024	6.8E-06	0.00127	0.03287		3.68E-02	0.003027	5.73E-06	0.000743	4.06E-02		0.036322	0.002603	4.68E-06	0.000789	0.039719
3095	488863.09	3845877.25	0.31558	0.48173	0.41537	0.44596		2.86E-02	0.00204	7.8E-06	0.00103	0.03168		3.61E-02	0.002572	6.6E-06	0.000603	3.93E-02		0.035582	0.002212	5.39E-06	0.00064	0.03844
3096	489363.09	3845877.25	0.32725	0.53524	0.41028	0.3944		2.97E-02	0.00226	7.7E-06	0.00091	0.03284		3.74E-02	0.002858	6.52E-06	0.000533	4.08E-02		0.036897	0.002458	5.33E-06	0.000566	0.039927
3097	489863.09	3845877.25	0.32479	0.55052	0.41968	0.38329		2.94E-02	0.00233	7.9E-06	0.00089	0.03266		3.71E-02	0.00294	6.67E-06	0.000518	4.06E-02		0.03662	0.002528	5.45E-06	0.00055	0.039704
3098	490363.09	3845877.25	0.2887	0.60291	0.3398	0.41438		2.62E-02	0.00255	6.4E-06	0.00096	0.02968		3.30E-02	0.003219	5.4E-06	0.00056	3.68E-02		0.032551	0.002769	4.41E-06	0.000595	0.035919
3099	490863.09	3845877.25	0.3409	0.92914	0.32441	0.43453		3.09E-02	0.00393	6.1E-06	0.00101	0.03584		3.90E-02	0.004961	5.16E-06	0.000588	4.45E-02		0.038436	0.004267	4.21E-06	0.000624	0.043332
3100	491363.09	3845877.25	0.43211	1.23044	0.38655	0.41301		3.92E-02	0.00521	7.2E-06	0.00096	0.04533		4.94E-02	0.00657	6.14E-06	0.000558	5.66E-02		0.04872	0.005651	5.02E-06	0.000593	0.054969
3101	491863.09	3845877.25	0.50407	1.01781	0.59434	0.48762		4.57E-02	0.00431	1.1E-05	0.00113	0.05113		5.77E-02	0.005435	9.45E-06	0.000659	6.38E-02		0.056834	0.004674	7.71E-06	0.0007	0.062216
3102	492363.09	3845877.25	0.51691	0.57243	0.68484	0.69659		4.68E-02	0.00242	1.3E-05	0.00161	0.05089		5.91E-02	0.003057	1.09E-05	0.000942	6.31E-02		0.058281	0.002629	8.89E-06	0.001	0.061919
3103	492863.09	3845877.25	0.53855	0.41547	0.73696	0.91001		4.88E-02	0.00176	1.4E-05	0.00211	0.05268		6.16E-02	0.002218	1.17E-05	0.00123	6.51E-02		0.060721	0.001908	9.57E-06	0.001307	0.063946
3104	493363.09	3845877.25	0.5463	0.48205	0.73649	0.95173		4.95E-02	0.00204	1.4E-05	0.0022	0.05376		6.25E-02	0.002574	1.17E-05	0.001287	6.64E-02		0.061595	0.002214	9.56E-06	0.001367	0.065185
3105	493863.09	3845877.25	0.55317	0.50659	0.74944	0.94992		5.01E-02	0.00214	1.4E-05	0.0022	0.05449		6.33E-02	0.002705	1.19E-05	0.001284	6.73E-02		0.06237	0.002326	9.73E-06	0.001364	0.06607
3106	494363.09	3845877.25	0.55492	0.4795	0.75848	0.94127		5.03E-02	0.00203	1.4E-05	0.00218	0.05451		6.35E-02	0.00256	1.21E-05	0.001273	6.73E-02		0.062567	0.002202	9.85E-06	0.001352	0.066131
3107	494863.09	3845877.25	0.5368	0.5404	0.72799	0.93469		4.86E-02	0.00229	1.4E-05	0.00216	0.05311		6.14E-02	0.002885	1.16E-05	0.001264	6.56E-02		0.060524	0.002482	9.45E-06	0.001342	0.064357

3108	495363.09	3845877.25	0.50531	0.84567	0.66635	0.90929	4.58E-02	0.00358	1.2E-05	0.00211	0.05149	5.78E-02	0.004515	1.06E-05	0.001229	6.36E-02	0.056974	0.003884	8.65E-06	0.001306	0.062172
3109	495863.09	3845877.25	0.46892	1.14112	0.55881	0.86442	4.25E-02	0.00483	1E-05	0.002	0.04933	5.36E-02	0.006093	8.88E-06	0.001169	6.09E-02	0.052871	0.00524	7.25E-06	0.001241	0.05936
3110	496363.09	3845877.25	0.42591	1.12239	0.47141	0.79629	3.86E-02	0.00475	8.8E-06	0.00184	0.0452	4.87E-02	0.005993	7.49E-06	0.001077	5.58E-02	0.048021	0.005154	6.12E-06	0.001144	0.054325
3111	496863.09	3845877.25	0.3812	0.84788	0.47623	0.7032	3.45E-02	0.00359	8.9E-06	0.00163	0.03977	4.36E-02	0.004527	7.57E-06	0.000951	4.91E-02	0.04298	0.003894	6.18E-06	0.00101	0.04789
3112	497363.09	3845877.25	0.38213	0.62422	0.49603	0.58999	3.46E-02	0.00264	9.3E-06	0.00137	0.03865	4.37E-02	0.003333	7.88E-06	0.000798	4.78E-02	0.043085	0.002867	6.44E-06	0.000847	0.046805
3113	497863.09	3845877.25	0.38653	0.51511	0.51027	0.54313	3.50E-02	0.00218	9.6E-06	0.00126	0.03847	4.42E-02	0.00275	8.11E-06	0.000734	4.77E-02	0.043581	0.002366	6.62E-06	0.00078	0.046733
3114	498363.09	3845877.25	0.39407	0.49529	0.52875	0.55195	3.57E-02	0.0021	9.9E-06	0.00128	0.0391	4.51E-02	0.002645	8.4E-06	0.000746	4.85E-02	0.044431	0.002275	6.86E-06	0.000793	0.047505
3115	471363.09	3846377.25	3.84687	4.69569	4.00921	3.86488	3.49E-01	0.01987	7.5E-05	0.00895	0.3775	4.40E-01	0.025073	6.37E-05	0.005226	4.70E-01	0.433733	0.021564	5.2E-05	0.00555	0.4609
3116	471863.09	3846377.25	4.52786	5.49341	5.47132	4.06834	4.10E-01	0.02324	0.0001	0.00942	0.44309	5.18E-01	0.029332	8.7E-05	0.005501	5.53E-01	0.510515	0.025228	7.1E-05	0.005842	0.541656
3117	472363.09	3846377.25	2.3663	2.76978	2.91245	1.74191	2.14E-01	0.01172	5.5E-05	0.00403	0.23025	2.71E-01	0.014789	4.63E-05	0.002355	2.88E-01	0.2668	0.01272	3.78E-05	0.002501	0.282059
3118	472863.09	3846377.25	2.67662	3.23881	3.18526	2.04493	2.43E-01	0.0137	6E-05	0.00474	0.26106	3.06E-01	0.017294	5.06E-05	0.002765	3.26E-01	0.301788	0.014874	4.13E-05	0.002937	0.31964
3119	473363.09	3846377.25	3.08009	3.7101	4.0302	2.37016	2.79E-01	0.0157	7.5E-05	0.00549	0.30039	3.52E-01	0.01981	6.41E-05	0.003205	3.75E-01	0.347279	0.017038	5.23E-05	0.003404	0.367773
3120	473863.09	3846377.25	3.22291	3.85884	3.95523	2.54591	2.92E-01	0.01632	7.4E-05	0.0059	0.31436	3.69E-01	0.020604	6.29E-05	0.003442	3.93E-01	0.363382	0.017721	5.13E-05	0.003656	0.384811
3121	474363.09	3846377.25	3.42629	4.20685	3.84808	3.15512	3.10E-01	0.0178	7.2E-05	0.00731	0.33567	3.92E-01	0.022463	6.12E-05	0.004266	4.19E-01	0.386313	0.019319	4.99E-05	0.004531	0.410213
3122	474863.09	3846377.25	4.39675	5.29969	5.03158	3.24007	3.98E-01	0.02242	9.4E-05	0.0075	0.42846	5.03E-01	0.028298	8E-05	0.004381	5.36E-01	0.495732	0.024338	6.53E-05	0.004653	0.524788
3123	475363.09	3846377.25	5.35848	6.37555	6.41919	3.19102	4.86E-01	0.02697	0.00012	0.00739	0.52008	6.13E-01	0.034042	0.000102	0.004315	6.51E-01	0.604167	0.029279	8.33E-05	0.004582	0.638111
3124	475863.09	3846377.25	6.21744	7.30993	7.72513	4.59959	5.63E-01	0.03092	0.00014	0.01065	0.60516	7.11E-01	0.039032	0.000123	0.006219	7.57E-01	0.701014	0.03357	0.0001	0.006605	0.74129
3125	476363.09	3846377.25	5.39929	6.21207	6.82285	4.34328	4.89E-01	0.02628	0.00013	0.01006	0.52576	6.18E-01	0.033169	0.000108	0.005873	6.57E-01	0.608768	0.028528	8.86E-05	0.006237	0.643622
3126	476863.09	3846377.25	5.25569	5.91926	6.52398	3.91881	4.76E-01	0.02504	0.00012	0.00908	0.51052	6.01E-01	0.031606	0.000104	0.005299	6.38E-01	0.592577	0.027183	8.47E-05	0.005628	0.625473
3127	477363.09	3846377.25	4.22226	4.41272	5.36551	3.2726	3.83E-01	0.01867	0.0001	0.00758	0.40898	4.83E-01	0.023562	8.53E-05	0.004425	5.11E-01	0.476058	0.020265	6.96E-05	0.0047	0.501092
3128	477863.09	3846377.25	3.24434	3.55666	4.21178	2.30026	2.94E-01	0.01505	7.9E-05	0.00533	0.31446	3.71E-01	0.018991	6.69E-05	0.00311	3.93E-01	0.365798	0.016334	5.47E-05	0.003303	0.38549
3129	478363.09	3846377.25	2.9804	3.27203	3.92065	1.83188	2.70E-01	0.01384	7.3E-05	0.00424	0.28825	3.41E-01	0.017471	6.23E-05	0.002477	3.61E-01	0.336039	0.015026	5.09E-05	0.002631	0.353747
3130	478863.09	3846377.25	2.84043	3.45705	3.83541	1.93681	2.57E-01	0.01463	7.2E-05	0.00449	0.27659	3.25E-01	0.018459	6.1E-05	0.002619	3.46E-01	0.320258	0.015876	4.98E-05	0.002781	0.338965
3131	479363.09	3846377.25	2.34543	3.03989	3.07019	1.71672	2.13E-01	0.01286	5.7E-05	0.00398	0.22944	2.68E-01	0.016232	4.88E-05	0.002321	2.87E-01	0.264446	0.01396	3.99E-05	0.002465	0.280912
3132	479863.09	3846377.25	1.86108	2.52435	2.48496	1.34707	1.69E-01	0.01068	4.7E-05	0.00312	0.1825	2.13E-01	0.013479	3.95E-05	0.001821	2.28E-01	0.209836	0.011593	3.23E-05	0.001934	0.223396
3133	480363.09	3846377.25	1.49903	2.12113	2.08093	1.18429	1.36E-01	0.00897	3.9E-05	0.00274	0.1476	1.71E-01	0.011326	3.31E-05	0.001601	1.84E-01	0.169015	0.009741	2.7E-05	0.001701	0.180484
3134	480863.09	3846377.25	1.0738	1.56987	1.4712	1.05838	9.73E-02	0.00664	2.8E-05	0.00245	0.10643	1.23E-01	0.008382	2.34E-05	0.001431	1.33E-01	0.121071	0.007209	1.91E-05	0.00152	0.129819
3135	481363.09	3846377.25	0.96941	2.04078	1.19417	0.92168	8.78E-02	0.00863	2.2E-05	0.00213	0.09864	1.11E-01	0.010897	1.9E-05	0.001246	1.23E-01	0.109301	0.009372	1.55E-05	0.001324	0.120012
3136	481863.09	3846377.25	0.86027	1.38833	1.11758	0.89985	7.80E-02	0.00587	2.1E-05	0.00208	0.08594	9.84E-02	0.007413	1.78E-05	0.001217	1.07E-01	0.096995	0.006376	1.45E-05	0.001292	0.104678
3137	482363.09	3846377.25	0.9344	1.07467	1.2258	0.92708	8.47E-02	0.00455	2.3E-05	0.00215	0.09139	1.07E-01	0.005738	1.95E-05	0.001254	1.14E-01	0.105353	0.004935	1.59E-05	0.001331	0.111636
3138	482863.09	3846377.25	0.80019	1.23736	0.90519	0.99489	7.25E-02	0.00523	1.7E-05	0.0023	0.08007	9.15E-02	0.006607	1.44E-05	0.001345	9.95E-02	0.090221	0.005682	1.17E-05	0.001429	0.097344
3139	483363.09	3846377.25	0.93987	1.68665	1.04324	0.95146	8.52E-02	0.00714	2E-05	0.0022	0.09453	1.08E-01	0.009006	1.66E-05	0.001286	1.18E-01	0.10597	0.007746	1.35E-05	0.001366	0.115096
3140	483863.09	3846377.25	0.83623	1.00375	1.06933	1.19027	7.58E-02	0.00425	2E-05	0.00276	0.0828	9.56E-02	0.00536	1.7E-05	0.001609	1.03E-01	0.094285	0.00461	1.39E-05	0.001709	0.100617
3141	484363.09	3846377.25	0.82927	0.89863	1.05185	1.1373	7.52E-02	0.0038	2E-05	0.00263	0.08161	9.49E-02	0.004798	1.67E-05	0.001538	1.01E-01	0.0935	0.004127	1.37E-05	0.001633	0.099274
3142	484863.09	3846377.25	0.91369	1.08264	1.12154	1.15584	8.28E-02	0.00458	2.1E-05	0.00268	0.09008	1.05E-01	0.005781	1.78E-05	0.001563	1.12E-01	0.103018	0.004972	1.46E-05	0.00166	0.109665
3143	485363.09	3846377.25	0.96046	1.12076	1.22744	1.25303	8.70E-02	0.00474	2.3E-05	0.0029	0.09471	1.10E-01	0.005984	1.95E-05	0.001694	1.18E-01	0.108292	0.005147	1.59E-05	0.001799	0.115254
3144	485863.09	3846377.25	0.87202	1.52835	1.01379	1.40201	7.90E-02	0.00647	1.9E-05	0.00325	0.08876	9.97E-02	0.008161	1.61E-05	0.001896	1.10E-01	0.09832	0.007019	1.32E-05	0.002013	0.107365
3145	486363.09	3846377.25	0.64039	0.84122	0.73043	1.12075	5.80E-02	0.00356	1.4E-05	0.0026	0.0642	7.32E-02	0.004492	1.16E-05	0.001515	7.93E-02	0.072204	0.003863	9.48E-06	0.001609	0.077686
3146	486863.09	3846377.25	0.51093	0.75945	0.65267	0.78783	4.63E-02	0.00321	1.2E-05	0.00182	0.05135	5.84E-02	0.004055	1.04E-05	0.001065	6.36E-02	0.057607	0.003488	8.47E-06	0.001131	0.062235
3147	487363.09	3846377.25	0.4776	0.74423	0.58072	0.72575	4.33E-02	0.00315	1.1E-05	0.00168	0.04812	5.46E-02	0.003974	9.23E-06	0.000981	5.96E-02	0.053849	0.003418	7.54E-06	0.001042	0.058317
3148	487863.09	3846377.25	0.45466	1.04393	0.49592	0.67194	4.12E-02	0.00442	9.3E-06	0.00156	0.04718	5.20E-02	0.005574	7.88E-06	0.000909	5.85E-02	0.051263	0.004794	6.44E-06	0.000965	0.057028
3149	488363.09	3846377.25	0.35872	0.63997	0.44992	0.59103	3.25E-02	0.00271	8.4E-06	0.00137	0.03659	4.10E-02	0.003417	7.15E-06	0.000799	4.53E-02	0.040446	0.002939	5.84E-06	0.000849	0.044239
3150	488863.09	3846377.25	0.33437	0.62268	0.42619	0.47635	3.03E-02	0.00263	8E-06	0.0011	0.03405	3.82E-02	0.003325	6.77E-06	0.000644	4.22E-02	0.0377	0.00286	5.53E-06	0.000684	0.041249
3151	489363.09	3846377.25	0.34169	0.59684	0.45385	0.4697	3.10E-02	0.00252	8.5E-06	0.00109	0.03459	3.91E-02	0.003187	7.21E-06	0.000635	4.29E-02	0.038525	0.002741	5.89E-06	0.000675	0.041947
3152	489863.09	3846377.25	0.33772	0.59003	0.43851	0.40511	3.06E-02	0.0025	8.2E-06	0.00094	0.03405	3.86E-02	0.00315	6.97E-06	0.000548	4.23E-02	0.038078	0.00271	5.69E-06	0.000582	0.041375
3153	490363.09	3846377.25	0.3329	0.88484	0.33289	0.43446	3.02E-02	0.00374	6.2E-06	0.00101	0.03492	3.81E-02	0.004725	5.29E-06	0.000587	4.34E-02	0.037534	0.004064	4.32E-06	0.000624	0.042226
3154	490863.09	3846377.25	0.42208	1.2547	0.35085	0.44316	3.82E-02	0.00531	6.6E-06	0.00103	0.04459	4.83E-02	0.006699	5.58E-06	0.000599	5.56E-02	0.047589	0.005762	4.55E-06	0.000636	0.053992
3155	491363.09	3846377.25	0.49316	1.1103	0.55689	0.43107	4.47E-02	0.0047	1E-05	0.001	0.0504	5.64E-02	0.005928	8.85E-06	0.000583	6.29E-02	0.055604	0.005099	7.23E-06	0.000619	0.061329
3156	491863.09	3846377.25	0.53404	0.70003	0.70286	0.69975	4.84E-02	0.00296	1.3E-05	0.00162	0.05299	6.11E-02	0.003738	1.12E-05	0.000946	6.58E-02	0.060213	0.003215	9.12E-06	0.001005	0.064442
3157	492363.09	3846377.25	0.54395	0.42944	0.74278	0.89555	4.93E-02	0.00182	1.4E-05	0.00207	0.0532	6.22E-02	0.002293	1.18E-05	0.001211	6.57E-02	0.06133	0.001972	9.64E-06	0.001286	0.064598
3158	492863.09	3846377.25	0.55315	0.46318	0.74558	0.95216	5.01E-02	0.00196	1.4E-05	0.00221	0.05431	6.33E-02	0.002473	1.18E-05	0.001287	6.70E-02	0.062367	0.002127	9.68E-06	0.001367	0.065872
3159	493363.09	3846377.25	0.55617	0.51351	0.75257	0.9549	5.04E-02	0.00217	1.4E-05	0.00221	0.0548	6.36E-02	0.002742	1.2E-05	0.001291	6.77E-02	0.062708	0.002358	9.77E-06	0.001371	0.066447
3160	493863.09	3846377.25	0.56252	0.49616	0.77148	0.94876	5.10E-02	0.0021	1.4E-05	0.0022	0.05529	6.43E-02	0.002649	1.23E-05	0.001283	6.83E-02	0.063424	0.002279	1E-05	0.001362	0.067075
3161	494363.09	3846377.25	0.54842	0.50602	0.74887	0.94499	4.97E-02	0.00214	1.4E-05	0.00219	0.05404	6.27E-02	0.002702	1.19E-05	0.001278	6.67E-02	0.061834	0.002324	9.72E-06	0.001357	0.065525
3162	494863.09	3846377.25	0.52147	0.77614	0.6954	0.92249	4.73E-02	0.00328	1.3E-05	0.00214	0.05269	5.96E-02	0.004144	1.11E-05	0.001247	6.50E-02	0.058796	0.003564	9.03E-06	0.001325	0.063694
3163	495363.09	3846377.25	0.48553	1.12047	0.58846	0.88123	4.40E-02	0.00474	1.1E-05	0.00204	0.05079	5.55E-02	0.005983	9.35E-06	0.001192	6.27E-02	0.054743	0.005146	7.64E-06	0.001265	0.061162
3164	495863.09	3846377.25	0.4398	1.20439	0.49647	0.81945	3.99E-02	0.0051	9.3E-06	0.0019	0.04686	5.03E-02	0.006431	7.89E-06	0.001108	5.79E-02	0.049587	0.005531	6.44E-06	0.001177	0.056302
3165	496363.09	3846377.25	0.39394	0.94641	0.50084	0.74839	3.57E-02	0.004	9.4E-06	0.00173	0.04145	4.51E-02	0.005053	7.96E-06	0.001012	5.11E-02	0.044417	0.004346	6.5E-06	0.001075	0.049844
3166	496863.09	3846377.25	0.39391	0.67274	0.50989	0.65627	3.57E-02	0.00285	9.5E-06	0.00152	0.04007	4.51E-02	0.003592	8.1E-06	0.000887	4.95E-02	0.044413	0.003089	6.62E-06	0.000942	0.048452
3167	497363.09	3846377.25	0.40006	0.522	0.53653	0.55893	3.63E-02	0.00221	1E-05	0.00129	0.03977	4.58E-02	0.002787	8.53E-06	0.000756	4.93E-02	0.045107	0.002397	6.96E-06	0.000803	0.048313
3168	497863.09	3846377.25	0.41723	0.56858	0.55648	0.5598	3.78E-02	0.00241	1E-05	0.0013	0.04152	4.77E-02	0.003036	8.84E-06	0.000757	5.15E-02	0.047043	0.002611	7.22E-06	0.000804	0.050465

3169	498363.09	3846377.25	0.41819	0.57792	0.55443	0.57814		3.79E-02	0.00244	1E-05	0.00134	0.04169		4.78E-02	0.003086	8.81E-06	0.000782	5.17E-02		0.047151	0.002654	7.2E-06	0.00083	0.050642
3170	471363.09	3846877.25	4.9071	6.29917	5.66937	5.63938		4.45E-01	0.02665	0.00011	0.01306	0.48451		5.61E-01	0.033635	9.01E-05	0.007625	6.03E-01		0.553274	0.028928	7.36E-05	0.008098	0.590374
3171	471863.09	3846877.25	4.15532	5.19819	4.72681	4.50074		3.77E-01	0.02199	8.8E-05	0.01042	0.40907		4.75E-01	0.027756	7.51E-05	0.006085	5.09E-01		0.468511	0.023872	6.14E-05	0.006463	0.498908
3172	472363.09	3846877.25	4.65439	5.60768	5.2846	4.80406		4.22E-01	0.02372	9.9E-05	0.01113	0.45674		5.32E-01	0.029942	8.4E-05	0.006496	5.69E-01		0.524781	0.025753	6.86E-05	0.006899	0.557501
3173	472863.09	3846877.25	2.70687	3.18699	3.40232	1.82781		2.45E-01	0.01348	6.4E-05	0.00423	0.26308		3.10E-01	0.017017	5.41E-05	0.002471	3.29E-01		0.305199	0.014636	4.42E-05	0.002625	0.322504
3174	473363.09	3846877.25	3.05751	3.67011	3.7583	2.30372		2.77E-01	0.01553	7E-05	0.00534	0.29801		3.50E-01	0.019597	5.97E-05	0.003115	3.72E-01		0.344733	0.016855	4.88E-05	0.003308	0.364945
3175	473863.09	3846877.25	4.26088	5.19007	5.33729	3.25386		3.86E-01	0.02196	1E-04	0.00754	0.41572		4.87E-01	0.027712	8.48E-05	0.0044	5.20E-01		0.480413	0.023835	6.93E-05	0.004673	0.508989
3176	474363.09	3846877.25	3.80761	4.60666	4.58956	3.11592		3.45E-01	0.01949	8.6E-05	0.00722	0.37185		4.36E-01	0.024597	7.29E-05	0.004213	4.64E-01		0.429307	0.021155	5.96E-05	0.004475	0.454996
3177	474863.09	3846877.25	3.76016	4.65386	4.23706	3.30103		3.41E-01	0.01969	7.9E-05	0.00765	0.36817		4.30E-01	0.024849	6.73E-05	0.004463	4.59E-01		0.423957	0.021372	5.5E-05	0.00474	0.450124
3178	475363.09	3846877.25	4.45659	5.49238	4.97949	3.51154		4.04E-01	0.02324	9.3E-05	0.00813	0.43533		5.10E-01	0.029327	7.91E-05	0.004748	5.44E-01		0.502479	0.025223	6.46E-05	0.005043	0.532809
3179	475863.09	3846877.25	5.96457	7.14786	7.04868	3.66327		5.41E-01	0.03024	0.00013	0.00848	0.57938		6.82E-01	0.038166	0.000112	0.004953	7.25E-01		0.672503	0.032826	9.15E-05	0.005261	0.710681
3180	476363.09	3846877.25	6.71761	7.92839	8.38368	4.95467		6.09E-01	0.03354	0.00016	0.01148	0.65394		7.68E-01	0.042334	0.000133	0.006699	8.18E-01		0.757408	0.03641	0.000109	0.007115	0.801042
3181	476863.09	3846877.25	5.80394	6.73508	7.34752	4.71015		5.26E-01	0.02849	0.00014	0.01091	0.56551		6.64E-01	0.035962	0.000117	0.006369	7.06E-01		0.654392	0.03093	9.54E-05	0.006764	0.692182
3182	477363.09	3846877.25	5.91018	6.41167	7.40889	4.29772		5.36E-01	0.02712	0.00014	0.00995	0.57281		6.76E-01	0.034235	0.000118	0.005811	7.16E-01		0.666371	0.029445	9.62E-05	0.006172	0.702083
3183	477863.09	3846877.25	4.32986	4.45596	5.62061	3.24273		3.92E-01	0.01885	0.00011	0.00751	0.41885		4.95E-01	0.023793	8.93E-05	0.004385	5.24E-01		0.48819	0.020463	7.3E-05	0.004657	0.513383
3184	478363.09	3846877.25	3.53022	4.12116	4.47178	2.50285		3.20E-01	0.01743	8.4E-05	0.0058	0.34323		4.04E-01	0.022005	7.11E-05	0.003384	4.29E-01		0.398031	0.018926	5.8E-05	0.003594	0.420609
3185	478863.09	3846877.25	3.6391	3.73455	4.88844	2.17404		3.30E-01	0.0158	9.2E-05	0.00504	0.35071		4.16E-01	0.019941	7.77E-05	0.00294	4.39E-01		0.410307	0.01715	6.35E-05	0.003122	0.430643
3186	479363.09	3846877.25	3.07615	3.87816	4.11453	2.04195		2.79E-01	0.01641	7.7E-05	0.00473	0.29998		3.52E-01	0.020708	6.54E-05	0.002761	3.75E-01		0.346835	0.01781	5.34E-05	0.002932	0.367631
3187	479863.09	3846877.25	1.90723	2.62228	2.60214	1.54006		1.73E-01	0.01109	4.9E-05	0.00357	0.18755		2.18E-01	0.014002	4.14E-05	0.002082	2.34E-01		0.21504	0.012042	3.38E-05	0.002212	0.229327
3188	480363.09	3846877.25	1.21801	1.63837	1.58908	1.1839		1.10E-01	0.00693	3E-05	0.00274	0.12008		1.39E-01	0.008748	2.53E-05	0.001601	1.50E-01		0.13733	0.007524	2.06E-05	0.0017	0.146575
3189	480863.09	3846877.25	0.96844	1.28096	1.32857	1.04024		8.78E-02	0.00542	2.5E-05	0.00241	0.09562		1.11E-01	0.00684	2.11E-05	0.001407	1.19E-01		0.109191	0.005883	1.72E-05	0.001494	0.116585
3190	481363.09	3846877.25	1.01095	1.72613	1.22117	0.98486		9.16E-02	0.0073	2.3E-05	0.00228	0.10122		1.16E-01	0.009217	1.94E-05	0.001332	1.26E-01		0.113984	0.007927	1.59E-05	0.001414	0.123341
3191	481863.09	3846877.25	0.92715	1.62307	1.16726	0.94866		8.40E-02	0.00687	2.2E-05	0.0022	0.09311		1.06E-01	0.008666	1.86E-05	0.001283	1.16E-01		0.104536	0.007454	1.52E-05	0.001362	0.113367
3192	482363.09	3846877.25	0.92817	1.09424	1.18734	0.92956		8.41E-02	0.00463	2.2E-05	0.00215	0.09092		1.06E-01	0.005843	1.89E-05	0.001257	1.13E-01		0.104651	0.005025	1.54E-05	0.001335	0.111026
3193	482863.09	3846877.25	1.00993	1.2008	1.28859	1.00977		9.15E-02	0.00508	2.4E-05	0.00234	0.09896		1.16E-01	0.006412	2.05E-05	0.001365	1.23E-01		0.113869	0.005515	1.67E-05	0.00145	0.120851
3194	483363.09	3846877.25	1.0987	1.83094	1.2755	0.97333		9.96E-02	0.00775	2.4E-05	0.00225	0.10959		1.26E-01	0.009776	2.03E-05	0.001316	1.37E-01		0.123878	0.008408	1.66E-05	0.001398	0.133701
3195	483863.09	3846877.25	1.01486	1.34302	1.28081	1.2159		9.20E-02	0.00568	2.4E-05	0.00282	0.10049		1.16E-01	0.007171	2.04E-05	0.001644	1.25E-01		0.114425	0.006168	1.66E-05	0.001746	0.122355
3196	484363.09	3846877.25	0.89999	1.22612	1.13936	1.20664		8.16E-02	0.00519	2.1E-05	0.00279	0.08956		1.03E-01	0.006547	1.81E-05	0.001632	1.11E-01		0.101474	0.005631	1.48E-05	0.001733	0.108852
3197	484863.09	3846877.25	0.93149	1.12053	1.15435	1.17425		8.44E-02	0.00474	2.2E-05	0.00272	0.0919		1.07E-01	0.005983	1.83E-05	0.001588	1.14E-01		0.105025	0.005146	1.5E-05	0.001686	0.111872
3198	485363.09	3846877.25	0.98163	1.07878	1.27846	1.28164		8.90E-02	0.00456	2.4E-05	0.00297	0.09651		1.12E-01	0.00576	2.03E-05	0.001733	1.20E-01		0.110678	0.004954	1.66E-05	0.001841	0.11749
3199	485863.09	3846877.25	0.89802	1.75378	1.05607	1.42333		8.14E-02	0.00742	2E-05	0.0033	0.09212		1.03E-01	0.009364	1.68E-05	0.001924	1.14E-01		0.101251	0.008054	1.37E-05	0.002044	0.111363
3200	486363.09	3846877.25	0.75331	1.12751	0.87586	1.33541		6.83E-02	0.00477	1.6E-05	0.00309	0.07615		8.62E-02	0.00602	1.39E-05	0.001806	9.40E-02		0.084935	0.005178	1.14E-05	0.001918	0.092042
3201	486863.09	3846877.25	0.63019	0.84519	0.80356	0.81964		5.71E-02	0.00358	1.5E-05	0.0019	0.0626		7.21E-02	0.004513	1.28E-05	0.001108	7.77E-02		0.071054	0.003881	1.04E-05	0.001177	0.076123
3202	487363.09	3846877.25	0.56644	0.97787	0.69789	0.82824		5.13E-02	0.00414	1.3E-05	0.00192	0.0574		6.48E-02	0.005221	1.11E-05	0.00112	7.11E-02		0.063866	0.004491	9.06E-06	0.001189	0.069555
3203	487863.09	3846877.25	0.46316	1.16525	0.49611	0.6848		4.20E-02	0.00493	9.3E-06	0.00159	0.0485		5.30E-02	0.006222	7.88E-06	0.000926	6.01E-02		0.052221	0.005351	6.44E-06	0.000983	0.058562
3204	488363.09	3846877.25	0.3689	0.66096	0.46076	0.58783		3.34E-02	0.0028	8.6E-06	0.00136	0.0376		4.22E-02	0.003529	7.32E-06	0.000795	4.65E-02		0.041593	0.003035	5.98E-06	0.000844	0.045479
3205	488863.09	3846877.25	0.34634	0.71788	0.45202	0.4832		3.14E-02	0.00304	8.5E-06	0.00112	0.03555		3.96E-02	0.003833	7.18E-06	0.000653	4.41E-02		0.03905	0.003297	5.87E-06	0.000694	0.043046
3206	489363.09	3846877.25	0.35361	0.66954	0.47069	0.4719		3.20E-02	0.00283	8.8E-06	0.00109	0.03598		4.04E-02	0.003575	7.48E-06	0.000638	4.47E-02		0.039869	0.003075	6.11E-06	0.000678	0.043628
3207	489863.09	3846877.25	0.37212	0.79349	0.43913	0.50677		3.37E-02	0.00336	8.2E-06	0.00117	0.03826		4.26E-02	0.004237	6.98E-06	0.000685	4.75E-02		0.041956	0.003644	5.7E-06	0.000728	0.046334
3208	490363.09	3846877.25	0.42658	1.27491	0.36466	0.45215		3.87E-02	0.00539	6.8E-06	0.00105	0.04511		4.88E-02	0.006807	5.8E-06	0.000611	5.62E-02		0.048097	0.005855	4.73E-06	0.000649	0.054606
3209	490863.09	3846877.25	0.49385	1.27552	0.52819	0.45773		4.48E-02	0.0054	9.9E-06	0.00106	0.05122		5.65E-02	0.006811	8.39E-06	0.000619	6.39E-02		0.055681	0.005858	6.86E-06	0.000657	0.062203
3210	491363.09	3846877.25	0.53648	0.79108	0.69413	0.63968		4.86E-02	0.00335	1.3E-05	0.00148	0.05346		6.14E-02	0.004224	1.1E-05	0.000865	6.65E-02		0.060488	0.003633	9.01E-06	0.000919	0.065048
3211	491863.09	3846877.25	0.54917	0.48425	0.74772	0.87461		4.98E-02	0.00205	1.4E-05	0.00203	0.05386		6.28E-02	0.002586	1.19E-05	0.001183	6.66E-02		0.061919	0.002224	9.71E-06	0.001256	0.065408
3212	492363.09	3846877.25	0.56228	0.5387	0.75373	0.95375		5.10E-02	0.00228	1.4E-05	0.00221	0.05546		6.43E-02	0.002876	1.2E-05	0.00129	6.85E-02		0.063397	0.002474	9.78E-06	0.00137	0.06725
3213	492863.09	3846877.25	0.5704	0.54375	0.77375	0.95936		5.17E-02	0.0023	1.4E-05	0.00222	0.05623		6.52E-02	0.002903	1.23E-05	0.001297	6.95E-02		0.064312	0.002497	1E-05	0.001378	0.068197
3214	493363.09	3846877.25	0.57051	0.56861	0.78351	0.9557		5.17E-02	0.00241	1.5E-05	0.00221	0.05633		6.53E-02	0.003036	1.25E-05	0.001292	6.96E-02		0.064325	0.002611	1.02E-05	0.001372	0.068319
3215	493863.09	3846877.25	0.55899	0.5431	0.76701	0.95452		5.07E-02	0.0023	1.4E-05	0.00221	0.05518		6.39E-02	0.0029	1.22E-05	0.001291	6.81E-02		0.063026	0.002494	9.96E-06	0.001371	0.066901
3216	494363.09	3846877.25	0.53584	0.71473	0.72127	0.93463		4.86E-02	0.00302	1.4E-05	0.00216	0.05376		6.13E-02	0.003816	1.15E-05	0.001264	6.64E-02		0.060416	0.003282	9.36E-06	0.001342	0.06505
3217	494863.09	3846877.25	0.50225	1.09601	0.62173	0.89685		4.55E-02	0.00464	1.2E-05	0.00208	0.05224		5.74E-02	0.005852	9.88E-06	0.001213	6.45E-02		0.056629	0.005033	8.07E-06	0.001288	0.062958
3218	495363.09	3846877.25	0.45368	1.29169	0.5234	0.84058		4.11E-02	0.00546	9.8E-06	0.00195	0.04853		5.19E-02	0.006897	8.32E-06	0.001137	5.99E-02		0.051152	0.005932	6.79E-06	0.001207	0.058298
3219	495863.09	3846877.25	0.41081	1.02188	0.5222	0.75285		3.72E-02	0.00432	9.8E-06	0.00174	0.04331		4.70E-02	0.005456	8.3E-06	0.001018	5.35E-02		0.046319	0.004693	6.78E-06	0.001081	0.052099
3220	496363.09	3846877.25	0.40068	0.70652	0.51822	0.64536		3.63E-02	0.00299	9.7E-06	0.00149	0.0408		4.58E-02	0.003772	8.24E-06	0.000873	5.05E-02		0.045177	0.003245	6.73E-06	0.000927	0.049355
3221	496863.09	3846877.25	0.40478	0.54573	0.54002	0.57051		3.67E-02	0.00231	1E-05	0.00132	0.04032		4.63E-02	0.002914	8.58E-06	0.000771	5.00E-02		0.045639	0.002506	7.01E-06	0.000819	0.048971
3222	497363.09	3846877.25	0.43365	0.60873	0.57373	0.5715		3.93E-02	0.00258	1.1E-05	0.00132	0.04321		4.96E-02	0.00325	9.12E-06	0.000773	5.36E-02		0.048894	0.002796	7.45E-06	0.000821	0.052518
3223	497863.09	3846877.25	0.44918	0.56742	0.61399	0.58694		4.07E-02	0.0024	1.1E-05	0.00136	0.04448		5.14E-02	0.00303	9.76E-06	0.000794	5.52E-02		0.050645	0.002606	7.97E-06	0.000843	0.054102
3224	498363.09	3846877.25	0.4293	0.56035	0.58767	0.58772		3.89E-02	0.00237	1.1E-05	0.00136	0.04265		4.91E-02	0.002992	9.34E-06	0.000795	5.29E-02		0.048403	0.002573	7.63E-06	0.000844	0.051828
3225	471363.09	3847377.25	4.59087	6.14859	5.17356	5.89923		4.16E-01	0.02601	9.7E-05	0.01366	0.45581		5.25E-01	0.032831	8.22E-05	0.007976	5.66E-01		0.517619	0.028237	6.72E-05	0.008472	0.554394
3226	471863.09	3847377.25	5.14995	6.59246	5.95957	6.46612		4.67E-01	0.02789	0.00011	0.01498	0.50968		5.89E-01	0.035201	9.47E-05	0.008743	6.33E-01		0.580655	0.030275	7.74E-05	0.009286	0.620293
3227	472363.09	3847377.25	4.88173	6.28828	5.62392	5.54374		4.42E-01	0.0266	0.00011	0.01284	0.48194		5.58E-01	0.033576	8.94E-05	0.007496	6.00E-01		0.550413	0.028878	7.3E-05	0.007961	0.587326
3228	472863.09	3847377.25	4.55165	5.51601	4.74274	4.34442		4.12E-01	0.02334	8.9E-05	0.01006	0.44597		5.21E-01	0.029453	7.54E-05	0.005874	5.56E-01		0.513197	0.025332	6.16E-05	0.006239	0.544829
3229	473363.09	3847377.25	4.4542	5.38301	5.61449	3.14842		4.04E-01	0.02277	0.00011	0.00729	0.43382		5.09E-01	0.028743	8.92E-05	0.004257	5.43E-01		0.50221	0.024721	7.29E-05	0.004521	0.531524

3230	473863.09	3847377.25	3.96521	4.66078	4.70258	2.76193	3.59E-01	0.01972	8.8E-05	0.0064	0.38554	4.54E-01	0.024886	7.47E-05	0.003734	4.82E-01	0.447076	0.021404	6.1E-05	0.003966	0.472507
3231	474363.09	3847377.25	5.08033	6.21905	6.04121	3.7633	4.60E-01	0.02631	0.00011	0.00872	0.49553	5.81E-01	0.033207	9.6E-05	0.005088	6.19E-01	0.572805	0.02856	7.84E-05	0.005404	0.606848
3232	474863.09	3847377.25	4.25199	5.1507	4.95093	3.45874	3.85E-01	0.02179	9.3E-05	0.00801	0.41522	4.86E-01	0.027502	7.87E-05	0.004677	5.19E-01	0.47941	0.023654	6.43E-05	0.004967	0.508096
3233	475363.09	3847377.25	3.9598	4.8286	4.58714	3.18688	3.59E-01	0.02043	8.6E-05	0.00738	0.38674	4.53E-01	0.025782	7.29E-05	0.004309	4.83E-01	0.446466	0.022175	5.95E-05	0.004577	0.473277
3234	475863.09	3847377.25	5.19581	6.38656	5.79644	4.34677	4.71E-01	0.02702	0.00011	0.01007	0.50805	5.94E-01	0.034101	9.21E-05	0.005877	6.34E-01	0.585826	0.029329	7.52E-05	0.006242	0.621473
3235	476363.09	3847377.25	7.09739	8.57738	8.14737	5.12359	6.43E-01	0.03629	0.00015	0.01187	0.69149	8.12E-01	0.045799	0.000129	0.006928	8.65E-01	0.800228	0.039391	0.000106	0.007358	0.847082
3236	476863.09	3847377.25	7.36066	8.74709	9.23905	5.52386	6.67E-01	0.037	0.00017	0.01279	0.71701	8.42E-01	0.046705	0.000147	0.007469	8.96E-01	0.829912	0.04017	0.00012	0.007933	0.878134
3237	477363.09	3847377.25	6.45945	7.59659	8.08589	5.45366	5.85E-01	0.03214	0.00015	0.01263	0.63029	7.39E-01	0.040562	0.000129	0.007374	7.87E-01	0.728301	0.034886	0.000105	0.007832	0.771124
3238	477863.09	3847377.25	6.54602	6.8255	8.32563	4.6642	5.93E-01	0.02888	0.00016	0.0108	0.63305	7.49E-01	0.036445	0.000132	0.006307	7.92E-01	0.738062	0.031345	0.000108	0.006698	0.776213
3239	478363.09	3847377.25	4.86893	4.81594	6.46761	3.56265	4.41E-01	0.02037	0.00012	0.00825	0.46998	5.57E-01	0.025715	0.000103	0.004817	5.88E-01	0.54897	0.022117	8.4E-05	0.005116	0.576287
3240	478863.09	3847377.25	3.97747	4.74599	5.17122	2.86469	3.60E-01	0.02008	9.7E-05	0.00664	0.38726	4.55E-01	0.025341	8.22E-05	0.003873	4.84E-01	0.448458	0.021795	6.71E-05	0.004114	0.474435
3241	479363.09	3847377.25	3.24736	3.27323	4.41931	2.01225	2.94E-01	0.01385	8.3E-05	0.00466	0.31287	3.71E-01	0.017477	7.02E-05	0.002721	3.92E-01	0.366139	0.015032	5.74E-05	0.00289	0.384118
3242	479863.09	3847377.25	1.85095	2.28431	2.49848	1.65614	1.68E-01	0.00966	4.7E-05	0.00384	0.18128	2.12E-01	0.012197	3.97E-05	0.002239	2.26E-01	0.208694	0.01049	3.24E-05	0.002378	0.221595
3243	480363.09	3847377.25	0.94931	1.39098	1.19421	1.29393	8.60E-02	0.00588	2.2E-05	0.003	0.09493	1.09E-01	0.007427	1.9E-05	0.00175	1.18E-01	0.107034	0.006388	1.55E-05	0.001858	0.115296
3244	480863.09	3847377.25	0.7447	1.04484	1.00087	1.02733	6.75E-02	0.00442	1.9E-05	0.00238	0.0743	8.52E-02	0.005579	1.59E-05	0.001389	9.22E-02	0.083965	0.004798	1.3E-05	0.001475	0.090251
3245	481363.09	3847377.25	0.78662	1.17008	1.04824	0.91955	7.13E-02	0.00495	2E-05	0.00213	0.07838	9.00E-02	0.006248	1.67E-05	0.001243	9.75E-02	0.088691	0.005373	1.36E-05	0.001321	0.095399
3246	481863.09	3847377.25	1.01678	2.10966	1.2643	0.99094	9.21E-02	0.00892	2.4E-05	0.0023	0.10339	1.16E-01	0.011265	2.01E-05	0.00134	1.29E-01	0.114642	0.009688	1.64E-05	0.001423	0.125769
3247	482363.09	3847377.25	0.97444	1.43922	1.30074	0.99357	8.83E-02	0.00609	2.4E-05	0.0023	0.09672	1.11E-01	0.007685	2.07E-05	0.001343	1.21E-01	0.109868	0.006609	1.69E-05	0.001427	0.117921
3248	482863.09	3847377.25	1.01645	1.16611	1.35682	1.00949	9.21E-02	0.00493	2.5E-05	0.00234	0.09941	1.16E-01	0.006226	2.16E-05	0.001365	1.24E-01	0.114604	0.005355	1.76E-05	0.00145	0.121427
3249	483363.09	3847377.25	1.14497	1.87232	1.31742	1.01508	1.04E-01	0.00792	2.5E-05	0.00235	0.11406	1.31E-01	0.009997	2.09E-05	0.001372	1.42E-01	0.129095	0.008598	1.71E-05	0.001458	0.139168
3250	483863.09	3847377.25	1.12589	1.42142	1.40476	1.22567	1.02E-01	0.00601	2.6E-05	0.00284	0.11091	1.29E-01	0.00759	2.23E-05	0.001657	1.38E-01	0.126944	0.006528	1.82E-05	0.00176	0.13525
3251	484363.09	3847377.25	0.98859	1.27615	1.25822	1.28111	8.96E-02	0.0054	2.4E-05	0.00297	0.09798	1.13E-01	0.006814	2E-05	0.001732	1.22E-01	0.111463	0.005861	1.63E-05	0.00184	0.11918
3252	484863.09	3847377.25	0.96026	1.33169	1.19356	1.1919	8.70E-02	0.00563	2.2E-05	0.00276	0.09544	1.10E-01	0.007111	1.9E-05	0.001612	1.19E-01	0.108269	0.006116	1.55E-05	0.001712	0.116112
3253	485363.09	3847377.25	1.00122	1.13661	1.32481	1.31111	9.07E-02	0.00481	2.5E-05	0.00304	0.0986	1.15E-01	0.006069	2.11E-05	0.001773	1.22E-01	0.112887	0.00522	1.72E-05	0.001883	0.120007
3254	485863.09	3847377.25	0.92435	1.90474	1.10272	1.44244	8.38E-02	0.00806	2.1E-05	0.00334	0.09519	1.06E-01	0.01017	1.75E-05	0.00195	1.18E-01	0.10422	0.008747	1.43E-05	0.002071	0.115053
3255	486363.09	3847377.25	0.77887	1.28642	0.88892	1.37405	7.06E-02	0.00544	1.7E-05	0.00318	0.07922	8.91E-02	0.006869	1.41E-05	0.001858	9.78E-02	0.087817	0.005908	1.15E-05	0.001973	0.09571
3256	486863.09	3847377.25	0.65969	1.11586	0.84248	1.03557	5.98E-02	0.00472	1.6E-05	0.0024	0.06692	7.55E-02	0.005958	1.34E-05	0.0014	8.28E-02	0.07438	0.005124	1.09E-05	0.001487	0.081002
3257	487363.09	3847377.25	0.61116	1.08143	0.76771	0.89705	5.54E-02	0.00458	1.4E-05	0.00208	0.06205	6.99E-02	0.005774	1.22E-05	0.001213	7.69E-02	0.068908	0.004966	9.97E-06	0.001288	0.075173
3258	487863.09	3847377.25	0.50001	1.15675	0.57225	0.82921	4.53E-02	0.00489	1.1E-05	0.00192	0.05214	5.72E-02	0.006176	9.09E-06	0.001121	6.45E-02	0.056376	0.005312	7.43E-06	0.001191	0.062886
3259	488363.09	3847377.25	0.40732	0.68288	0.50639	0.66498	3.69E-02	0.00289	9.5E-06	0.00154	0.04135	4.66E-02	0.003646	8.05E-06	0.000899	5.11E-02	0.045925	0.003136	6.57E-06	0.000955	0.050023
3260	488863.09	3847377.25	0.39659	0.77393	0.53708	0.54751	3.59E-02	0.00327	1E-05	0.00127	0.04049	4.54E-02	0.004132	8.54E-06	0.00074	5.02E-02	0.044715	0.003554	6.97E-06	0.000786	0.049063
3261	489363.09	3847377.25	0.41747	0.79908	0.55295	0.50767	3.78E-02	0.00338	1E-05	0.00118	0.0424	4.77E-02	0.004267	8.79E-06	0.000686	5.27E-02	0.04707	0.00367	7.18E-06	0.000729	0.051475
3262	489863.09	3847377.25	0.43983	1.2173	0.42697	0.52683	3.99E-02	0.00515	8E-06	0.00122	0.04624	5.03E-02	0.0065	6.79E-06	0.000712	5.75E-02	0.049591	0.00559	5.54E-06	0.000757	0.055943
3263	490363.09	3847377.25	0.51982	1.44595	0.52284	0.53217	4.71E-02	0.00612	9.8E-06	0.00123	0.05447	5.95E-02	0.007721	8.31E-06	0.00072	6.79E-02	0.05861	0.00664	6.79E-06	0.000764	0.066021
3264	490863.09	3847377.25	0.56956	1.01303	0.69325	0.60432	5.16E-02	0.00429	1.3E-05	0.0014	0.05731	6.51E-02	0.005409	1.1E-05	0.000817	7.14E-02	0.064218	0.004652	9E-06	0.000868	0.069747
3265	491363.09	3847377.25	0.55384	0.60108	0.75152	0.8462	5.02E-02	0.00254	1.4E-05	0.00196	0.05471	6.33E-02	0.003209	1.19E-05	0.001144	6.77E-02	0.062445	0.00276	9.76E-06	0.001215	0.066431
3266	491863.09	3847377.25	0.5725	0.5721	0.78862	0.95281	5.19E-02	0.00242	1.5E-05	0.00221	0.05652	6.55E-02	0.003055	1.25E-05	0.001288	6.98E-02	0.064549	0.002627	1.02E-05	0.001368	0.068555
3267	492363.09	3847377.25	0.57792	0.54299	0.78271	0.96337	5.24E-02	0.0023	1.5E-05	0.00223	0.05692	6.61E-02	0.002899	1.24E-05	0.001303	7.03E-02	0.06516	0.002494	1.02E-05	0.001383	0.069048
3268	492863.09	3847377.25	0.57762	0.58844	0.79472	0.9622	5.23E-02	0.00249	1.5E-05	0.00223	0.05708	6.61E-02	0.003142	1.26E-05	0.001301	7.05E-02	0.065126	0.002702	1.03E-05	0.001382	0.069221
3269	493363.09	3847377.25	0.56857	0.58424	0.78283	0.96331	5.15E-02	0.00247	1.5E-05	0.00223	0.05624	6.50E-02	0.00312	1.24E-05	0.001302	6.95E-02	0.064106	0.002683	1.02E-05	0.001383	0.068183
3270	493863.09	3847377.25	0.54919	0.69943	0.74322	0.9457	4.98E-02	0.00296	1.4E-05	0.00219	0.05493	6.28E-02	0.003735	1.18E-05	0.001279	6.78E-02	0.061921	0.003212	9.65E-06	0.001358	0.066501
3271	494363.09	3847377.25	0.51219	1.04883	0.65643	0.91121	4.64E-02	0.00444	1.2E-05	0.00211	0.05298	5.86E-02	0.0056	1.04E-05	0.001232	6.54E-02	0.057749	0.004817	8.52E-06	0.001309	0.063883
3272	494863.09	3847377.25	0.45844	1.35872	0.54016	0.85987	4.15E-02	0.00575	1E-05	0.00199	0.04929	5.24E-02	0.007255	8.58E-06	0.001163	6.09E-02	0.051689	0.00624	7.01E-06	0.001235	0.059171
3273	495363.09	3847377.25	0.41349	1.12508	0.52029	0.78251	3.75E-02	0.00476	9.7E-06	0.00181	0.04405	4.73E-02	0.006007	8.27E-06	0.001058	5.44E-02	0.046621	0.005167	6.75E-06	0.001124	0.052918
3274	495863.09	3847377.25	0.40394	0.69535	0.53433	0.6492	3.66E-02	0.00294	1E-05	0.0015	0.04106	4.62E-02	0.003713	8.49E-06	0.000878	5.08E-02	0.045544	0.003193	6.94E-06	0.000932	0.049677
3275	496363.09	3847377.25	0.4108	0.54284	0.55187	0.51005	3.72E-02	0.0023	1E-05	0.00118	0.04072	4.70E-02	0.002899	8.77E-06	0.00069	5.06E-02	0.046318	0.002493	7.16E-06	0.000732	0.04955
3276	496863.09	3847377.25	0.42154	0.57068	0.56613	0.51925	3.82E-02	0.00241	1.1E-05	0.0012	0.04183	4.82E-02	0.003047	9E-06	0.000702	5.20E-02	0.047528	0.002621	7.35E-06	0.000746	0.050902
3277	497363.09	3847377.25	0.42387	0.55167	0.58387	0.5926	3.84E-02	0.00233	1.1E-05	0.00137	0.04213	4.85E-02	0.002946	9.28E-06	0.000801	5.22E-02	0.047791	0.002533	7.58E-06	0.000851	0.051183
3278	497863.09	3847377.25	0.43887	0.57589	0.59913	0.59018	3.98E-02	0.00244	1.1E-05	0.00137	0.04359	5.02E-02	0.003075	9.52E-06	0.000798	5.41E-02	0.049482	0.002645	7.78E-06	0.000848	0.052982
3279	498363.09	3847377.25	0.41808	0.67139	0.5603	0.59218	3.79E-02	0.00284	1E-05	0.00137	0.04211	4.78E-02	0.003585	8.9E-06	0.000801	5.22E-02	0.047138	0.003083	7.27E-06	0.00085	0.051079
3280	471363.09	3847877.25	4.43382	5.48	5.2332	4.93773	4.02E-01	0.02318	9.8E-05	0.01144	0.43652	5.07E-01	0.029261	8.32E-05	0.006676	5.43E-01	0.499912	0.025166	6.79E-05	0.007091	0.532237
3281	471863.09	3847877.25	4.35507	5.81377	4.60923	5.66229	3.95E-01	0.0246	8.6E-05	0.01311	0.43246	4.98E-01	0.031043	7.33E-05	0.007656	5.37E-01	0.491033	0.026699	5.98E-05	0.008131	0.525923
3282	472363.09	3847877.25	5.01307	6.76533	5.68425	6.78213	4.54E-01	0.02862	0.00011	0.01571	0.49873	5.73E-01	0.036124	9.03E-05	0.00917	6.19E-01	0.565222	0.031069	7.38E-05	0.009739	0.606104
3283	472863.09	3847877.25	5.44397	7.09187	6.30337	6.76735	4.93E-01	0.03	0.00012	0.01567	0.53914	6.23E-01	0.037867	0.0001	0.00915	6.70E-01	0.613806	0.032569	8.18E-05	0.009718	0.656174
3284	473363.09	3847877.25	4.6568	5.96174	5.27869	5.35616	4.22E-01	0.02522	9.9E-05	0.01241	0.45973	5.33E-01	0.031833	8.39E-05	0.007242	5.72E-01	0.525053	0.027379	6.85E-05	0.007692	0.560191
3285	473863.09	3847877.25	5.30408	6.39005	6.11695	5.57286	4.81E-01	0.02703	0.00011	0.01291	0.52072	6.07E-01	0.03412	9.72E-05	0.007535	6.48E-01	0.598033	0.029345	7.94E-05	0.008003	0.635461
3286	474363.09	3847877.25	4.98883	5.99357	5.91292	3.3008	4.52E-01	0.02536	0.00011	0.00765	0.48521	5.71E-01	0.032003	9.4E-05	0.004463	6.07E-01	0.562489	0.027525	7.68E-05	0.00474	0.59483
3287	474863.09	3847877.25	5.45582	6.57329	6.32836	4.1768	4.94E-01	0.02781	0.00012	0.00967	0.53202	6.24E-01	0.035098	0.000101	0.005647	6.65E-01	0.615142	0.030187	8.21E-05	0.005998	0.651409
3288	475363.09	3847877.25	4.80412	5.76359	6.1737	3.78076	4.35E-01	0.02438	0.00012	0.00876	0.46861	5.49E-01	0.030775	9.81E-05	0.005112	5.85E-01	0.541663	0.026469	8.01E-05	0.005429	0.573641
3289	475863.09	3847877.25	4.55853	5.4032	5.41052	3.4189	4.13E-01	0.02286	0.0001	0.00792	0.44398	5.21E-01	0.028851	8.6E-05	0.004623	5.55E-01	0.513973	0.024814	7.02E-05	0.00491	0.543766
3290	476363.09	3847877.25	6.03793	7.36986	6.60989	5.36494	5.47E-01	0.03118	0.00012	0.01243	0.5909	6.91E-01	0.039352	0.000105	0.007254	7.37E-01	0.680775	0.033845	8.58E-05	0.007704	0.72241

3291	476863.09	3847877.25	7.6642	9.32004	8.72734	5.97504	6.95E-01	0.03943	0.00016	0.01384	0.74798	8.77E-01	0.049765	0.000139	0.008079	9.35E-01	0.864136	0.042801	0.000113	0.00858	0.915631
3292	477363.09	3847877.25	8.3386	9.95768	10.38507	6.69487	7.56E-01	0.04213	0.00019	0.01551	0.81349	9.54E-01	0.053169	0.000165	0.009052	1.02E+00	0.940174	0.045729	0.000135	0.009614	0.995653
3293	477863.09	3847877.25	7.18471	8.43338	8.79048	6.23025	6.51E-01	0.03568	0.00016	0.01443	0.70137	8.22E-01	0.04503	0.00014	0.008424	8.75E-01	0.810074	0.038729	0.000114	0.008947	0.857864
3294	478363.09	3847877.25	7.37295	7.40639	9.44104	5.22551	6.68E-01	0.03133	0.00018	0.0121	0.71177	8.43E-01	0.039547	0.00015	0.007065	8.90E-01	0.831298	0.034013	0.000123	0.007504	0.872937
3295	478863.09	3847877.25	5.26796	5.38537	6.96292	3.73155	4.77E-01	0.02278	0.00013	0.00864	0.50895	6.03E-01	0.028755	0.000111	0.005045	6.36E-01	0.593961	0.024732	9.04E-05	0.005359	0.624141
3296	479363.09	3847877.25	2.92676	3.42423	3.81947	2.00043	2.65E-01	0.01449	7.2E-05	0.00463	0.28442	3.35E-01	0.018284	6.07E-05	0.002705	3.56E-01	0.329991	0.015725	4.96E-05	0.002873	0.348639
3297	479863.09	3847877.25	1.33963	1.56691	1.78379	1.53866	1.21E-01	0.00663	3.3E-05	0.00356	0.13163	1.53E-01	0.008367	2.84E-05	0.00208	1.64E-01	0.151043	0.007196	2.32E-05	0.00221	0.160471
3298	480363.09	3847877.25	1.24259	1.64567	1.62479	1.49563	1.13E-01	0.00696	3E-05	0.00346	0.12306	1.42E-01	0.008787	2.58E-05	0.002022	1.53E-01	0.140102	0.007558	2.11E-05	0.002148	0.149828
3299	480863.09	3847877.25	0.9341	1.28002	1.18259	1.26318	8.47E-02	0.00542	2.2E-05	0.00293	0.09301	1.07E-01	0.006835	1.88E-05	0.001708	1.15E-01	0.105319	0.005878	1.54E-05	0.001814	0.113027
3300	481363.09	3847877.25	0.84649	1.17309	1.16113	1.03361	7.67E-02	0.00496	2.2E-05	0.00239	0.08409	9.68E-02	0.006264	1.85E-05	0.001398	1.04E-01	0.095441	0.005387	1.51E-05	0.001484	0.102328
3301	481863.09	3847877.25	1.27744	2.37958	1.55893	1.10036	1.16E-01	0.01007	2.9E-05	0.00255	0.12841	1.46E-01	0.012706	2.48E-05	0.001488	1.60E-01	0.144031	0.010928	2.02E-05	0.00158	0.156559
3302	482363.09	3847877.25	1.14192	1.73679	1.55423	1.09138	1.03E-01	0.00735	2.9E-05	0.00253	0.11339	1.31E-01	0.009274	2.47E-05	0.001476	1.41E-01	0.128751	0.007976	2.02E-05	0.001567	0.138315
3303	482863.09	3847877.25	1.03613	1.19769	1.40564	1.17544	9.39E-02	0.00507	2.6E-05	0.00272	0.10171	1.19E-01	0.006395	2.23E-05	0.001589	1.27E-01	0.116823	0.0055	1.82E-05	0.001688	0.12403
3304	483363.09	3847877.25	1.16728	2.12583	1.33973	1.04779	1.06E-01	0.00899	2.5E-05	0.00243	0.11723	1.34E-01	0.011351	2.13E-05	0.001417	1.46E-01	0.13161	0.009763	1.74E-05	0.001505	0.142895
3305	483863.09	3847877.25	1.20037	1.53307	1.52372	1.21636	1.09E-01	0.00649	2.9E-05	0.00282	0.11811	1.37E-01	0.008186	2.42E-05	0.001645	1.47E-01	0.135341	0.00704	1.98E-05	0.001747	0.144148
3306	484363.09	3847877.25	1.06149	1.45434	1.36882	1.35592	9.62E-02	0.00615	2.6E-05	0.00314	0.10551	1.21E-01	0.007765	2.18E-05	0.001833	1.31E-01	0.119683	0.006679	1.78E-05	0.001947	0.128326
3307	484863.09	3847877.25	1.01335	1.49131	1.2432	1.21282	9.18E-02	0.00631	2.3E-05	0.00281	0.10097	1.16E-01	0.007963	1.98E-05	0.00164	1.26E-01	0.114255	0.006849	1.61E-05	0.001742	0.122861
3308	485363.09	3847877.25	1.01989	1.30838	1.36661	1.34134	9.24E-02	0.00554	2.6E-05	0.00311	0.10109	1.17E-01	0.006986	2.17E-05	0.001814	1.25E-01	0.114992	0.006009	1.77E-05	0.001926	0.122945
3309	485863.09	3847877.25	0.95042	2.04131	1.15339	1.45995	8.61E-02	0.00864	2.2E-05	0.00338	0.09817	1.09E-01	0.0109	1.83E-05	0.001974	1.22E-01	0.10716	0.009374	1.5E-05	0.002097	0.118646
3310	486363.09	3847877.25	0.80391	1.53351	0.91363	1.40654	7.29E-02	0.00649	1.7E-05	0.00326	0.08261	9.19E-02	0.008188	1.45E-05	0.001902	1.02E-01	0.090641	0.007042	1.19E-05	0.00202	0.099715
3311	486863.09	3847877.25	0.70548	1.18326	0.90536	1.07638	6.39E-02	0.00501	1.7E-05	0.00249	0.07145	8.07E-02	0.006318	1.44E-05	0.001455	8.85E-02	0.079543	0.005434	1.18E-05	0.001546	0.086534
3312	487363.09	3847877.25	0.62054	1.12248	0.7727	0.91891	5.62E-02	0.00475	1.4E-05	0.00213	0.06313	7.10E-02	0.005994	1.23E-05	0.001242	7.82E-02	0.069966	0.005155	1E-05	0.00132	0.07645
3313	487863.09	3847877.25	0.52157	1.12849	0.62142	0.83246	4.73E-02	0.00477	1.2E-05	0.00193	0.05398	5.97E-02	0.006026	9.88E-06	0.001126	6.68E-02	0.058807	0.005182	8.07E-06	0.001195	0.065193
3314	488363.09	3847877.25	0.45604	0.77804	0.58353	0.65843	4.13E-02	0.00329	1.1E-05	0.00153	0.04615	5.22E-02	0.004154	9.27E-06	0.00089	5.72E-02	0.051418	0.003573	7.57E-06	0.000946	0.055945
3315	488863.09	3847877.25	0.44984	0.90594	0.59524	0.54614	4.08E-02	0.00383	1.1E-05	0.00126	0.04587	5.15E-02	0.004837	9.46E-06	0.000738	5.70E-02	0.050719	0.00416	7.73E-06	0.000784	0.055672
3316	489363.09	3847877.25	0.50705	1.17222	0.58967	0.53023	4.59E-02	0.00496	1.1E-05	0.00123	0.05215	5.80E-02	0.006259	9.37E-06	0.000717	6.50E-02	0.05717	0.005383	7.65E-06	0.000761	0.063322
3317	489863.09	3847877.25	0.58002	1.64671	0.57825	0.54402	5.26E-02	0.00697	1.1E-05	0.00126	0.0608	6.63E-02	0.008793	9.19E-06	0.000736	7.59E-02	0.065397	0.007562	7.51E-06	0.000781	0.073748
3318	490363.09	3847877.25	0.57989	1.46439	0.70334	0.55881	5.26E-02	0.0062	1.3E-05	0.00129	0.06005	6.63E-02	0.007819	1.12E-05	0.000756	7.49E-02	0.065382	0.006725	9.13E-06	0.000802	0.072919
3319	490863.09	3847877.25	0.58497	0.79871	0.7821	0.81382	5.30E-02	0.00338	1.5E-05	0.00188	0.05829	6.69E-02	0.004265	1.24E-05	0.0011	7.23E-02	0.065955	0.003668	1.02E-05	0.001169	0.070802
3320	491363.09	3847877.25	0.58066	0.64361	0.79846	0.94887	5.26E-02	0.00272	1.5E-05	0.0022	0.05756	6.64E-02	0.003437	1.27E-05	0.001283	7.11E-02	0.065469	0.002956	1.04E-05	0.001363	0.069798
3321	491863.09	3847877.25	0.58413	0.60107	0.80381	0.96762	5.29E-02	0.00254	1.5E-05	0.00224	0.05773	6.68E-02	0.003209	1.28E-05	0.001308	7.13E-02	0.06586	0.00276	1.04E-05	0.00139	0.070021
3322	492363.09	3847877.25	0.5844	0.62277	0.80524	0.96831	5.30E-02	0.00263	1.5E-05	0.00224	0.05785	6.68E-02	0.003325	1.28E-05	0.001309	7.15E-02	0.065891	0.00286	1.05E-05	0.001391	0.070152
3323	492863.09	3847877.25	0.57723	0.65424	0.79768	0.9715	5.23E-02	0.00277	1.5E-05	0.00225	0.05734	6.60E-02	0.003493	1.27E-05	0.001314	7.08E-02	0.065082	0.003005	1.04E-05	0.001395	0.069492
3324	493363.09	3847877.25	0.56193	0.76054	0.76097	0.95574	5.09E-02	0.00322	1.4E-05	0.00221	0.05637	6.43E-02	0.004061	1.21E-05	0.001292	6.96E-02	0.063357	0.003493	9.88E-06	0.001372	0.068232
3325	493863.09	3847877.25	0.51233	0.98239	0.67226	0.92436	4.64E-02	0.00416	1.3E-05	0.00214	0.05274	5.86E-02	0.005245	1.07E-05	0.00125	6.51E-02	0.057765	0.004511	8.73E-06	0.001327	0.063613
3326	494363.09	3847877.25	0.44345	1.31535	0.51859	0.8777	4.02E-02	0.00556	9.7E-06	0.00203	0.04779	5.07E-02	0.007023	8.24E-06	0.001187	5.89E-02	0.049999	0.006041	6.73E-06	0.00126	0.057307
3327	494863.09	3847877.25	0.38357	1.1641	0.48562	0.80899	3.48E-02	0.00492	9.1E-06	0.00187	0.04157	4.39E-02	0.006216	7.72E-06	0.001094	5.12E-02	0.043247	0.005346	6.3E-06	0.001162	0.049761
3328	495363.09	3847877.25	0.34387	0.721	0.46191	0.69013	3.12E-02	0.00305	8.6E-06	0.0016	0.03582	3.93E-02	0.00385	7.34E-06	0.000933	4.41E-02	0.038771	0.003311	6E-06	0.000991	0.043079
3329	495863.09	3847877.25	0.32586	0.42742	0.44327	0.5446	2.95E-02	0.00181	8.3E-06	0.00126	0.03261	3.73E-02	0.002282	7.04E-06	0.000736	4.03E-02	0.036741	0.001963	5.75E-06	0.000782	0.039491
3330	496363.09	3847877.25	0.33136	0.4913	0.45043	0.49888	3.00E-02	0.00208	8.4E-06	0.00116	0.03327	3.79E-02	0.002623	7.16E-06	0.000675	4.12E-02	0.037361	0.002256	5.85E-06	0.000716	0.040339
3331	496863.09	3847877.25	0.39389	0.52724	0.55428	0.48965	3.57E-02	0.00223	1E-05	0.00113	0.03907	4.51E-02	0.002815	8.81E-06	0.000662	4.85E-02	0.044411	0.002421	7.19E-06	0.000703	0.047543
3332	497363.09	3847877.25	0.41024	0.56486	0.56487	0.49115	3.72E-02	0.00239	1.1E-05	0.00114	0.04071	4.69E-02	0.003016	8.98E-06	0.000664	5.06E-02	0.046254	0.002594	7.33E-06	0.000705	0.049561
3333	497863.09	3847877.25	0.44485	0.86369	0.55877	0.59184	4.03E-02	0.00365	1E-05	0.00137	0.04535	5.09E-02	0.004612	8.88E-06	0.0008	5.63E-02	0.050157	0.003966	7.25E-06	0.00085	0.05498
3334	498363.09	3847877.25	0.49189	1.18768	0.53056	0.5822	4.46E-02	0.00502	9.9E-06	0.00135	0.05096	5.63E-02	0.006342	8.43E-06	0.000787	6.34E-02	0.05546	0.005454	6.89E-06	0.000836	0.061758
3335	471363.09	3848377.25	4.42852	5.44155	5.37861	5.43605	4.01E-01	0.02302	0.0001	0.01259	0.43703	5.07E-01	0.029055	8.55E-05	0.00735	5.43E-01	0.499314	0.02499	6.98E-05	0.007806	0.53218
3336	471863.09	3848377.25	4.59378	5.79391	5.52345	5.84393	4.16E-01	0.02451	0.0001	0.01354	0.45445	5.25E-01	0.030937	8.78E-05	0.007902	5.64E-01	0.517947	0.026608	7.17E-05	0.008392	0.553019
3337	472363.09	3848377.25	4.62431	5.90401	5.33468	5.40049	4.19E-01	0.02498	1E-04	0.01251	0.45665	5.29E-01	0.031525	8.48E-05	0.007302	5.68E-01	0.521389	0.027113	6.92E-05	0.007755	0.556327
3338	472863.09	3848377.25	4.91681	6.7071	5.39364	6.72305	4.46E-01	0.02837	0.0001	0.01557	0.48962	5.62E-01	0.035813	8.57E-05	0.00909	6.07E-01	0.554369	0.030801	7E-05	0.009655	0.594895
3339	473363.09	3848377.25	5.64319	7.35162	6.44962	7.5061	5.11E-01	0.0311	0.00012	0.01739	0.56001	6.45E-01	0.039254	0.000103	0.010149	6.95E-01	0.636268	0.033761	8.37E-05	0.010779	0.680892
3340	473863.09	3848377.25	5.50296	7.27621	6.3507	6.59634	4.99E-01	0.03078	0.00012	0.01528	0.54487	6.29E-01	0.038851	0.000101	0.008919	6.77E-01	0.620457	0.033415	8.24E-05	0.009473	0.663427
3341	474363.09	3848377.25	5.467	6.66847	5.76276	5.60613	4.95E-01	0.02821	0.00011	0.01298	0.53673	6.25E-01	0.035606	9.16E-05	0.00758	6.69E-01	0.616402	0.030624	7.48E-05	0.008051	0.655152
3342	474863.09	3848377.25	5.88881	7.121	7.26118	4.63358	5.34E-01	0.03013	0.00014	0.01073	0.57465	6.74E-01	0.038023	0.000115	0.006265	7.18E-01	0.663961	0.032702	9.43E-05	0.006654	0.703412
3343	475363.09	3848377.25	6.12087	7.31862	6.75123	5.10886	5.55E-01	0.03096	0.00013	0.01183	0.59761	7.00E-01	0.039078	0.000107	0.006908	7.46E-01	0.690126	0.03361	8.76E-05	0.007337	0.73116
3344	475863.09	3848377.25	6.13486	7.50295	7.68479	5.0835	5.56E-01	0.03174	0.00014	0.01177	0.59961	7.02E-01	0.040062	0.000122	0.006873	7.49E-01	0.691703	0.034456	9.98E-05	0.0073	0.73356
3345	476363.09	3848377.25	5.26795	6.36987	6.22219	3.83043	4.77E-01	0.02695	0.00012	0.00887	0.51333	6.03E-01	0.034012	9.89E-05	0.005179	6.42E-01	0.59396	0.029253	8.08E-05	0.005501	0.628794
3346	476863.09	3848377.25	6.60508	8.07296	7.04992	6.1549	5.99E-01	0.03415	0.00013	0.01426	0.64711	7.55E-01	0.043106	0.000112	0.008322	8.07E-01	0.744721	0.037074	9.15E-05	0.008839	0.790725
3347	477363.09	3848377.25	8.16197	9.99868	9.46122	6.68048	7.40E-01	0.0423	0.00018	0.01547	0.7976	9.34E-01	0.053388	0.00015	0.009033	9.96E-01	0.920259	0.045918	0.000123	0.009594	0.975893
3348	477863.09	3848377.25	9.13539	10.9379	11.3637	7.50703	8.28E-01	0.04627	0.00021	0.01739	0.89174	1.04E+00	0.058403	0.000181	0.01015	1.11E+00	1.030012	0.050231	0.000148	0.01078	1.091171
3349	478363.09	3848377.25	7.801	9.24432	9.47774	6.76089	7.07E-01	0.03911	0.00018	0.01566	0.76189	8.92E-01	0.04936	0.000151	0.009141	9.51E-01	0.87956	0.042453	0.000123	0.009709	0.931845
3350	478863.09	3848377.25	7.44697	7.09345	9.69911	5.10371	6.75E-01	0.03001	0.00018	0.01182	0.71687	8.52E-01	0.037876	0.000154	0.006901	8.97E-01	0.839643	0.032576	0.000126	0.007329	0.879674
3351	479363.09	3848377.25	3.73483	3.9634	5.0856	2.35267	3.38E-01	0.01677	9.5E-05	0.00545	0.36077	4.27E-01	0.021163	8.08E-05	0.003181	4.52E-01	0.421101	0.018201	6.6E-05	0.003379	0.442747

3352	479863.09	3848377.25	1.09834	1.25743	1.39875	1.27496	9.95E-02	0.00532	2.6E-05	0.00295	0.10783	1.26E-01	0.006714	2.22E-05	0.001724	1.34E-01	0.123837	0.005775	1.82E-05	0.001831	0.131461
3353	480363.09	3848377.25	1.32614	1.42592	1.76016	1.55779	1.20E-01	0.00603	3.3E-05	0.00361	0.12985	1.52E-01	0.007614	2.8E-05	0.002106	1.61E-01	0.149522	0.006548	2.28E-05	0.002237	0.15833
3354	480863.09	3848377.25	1.84253	2.78326	2.51369	1.62769	1.67E-01	0.01177	4.7E-05	0.00377	0.18257	2.11E-01	0.014861	4E-05	0.002201	2.28E-01	0.207745	0.012782	3.26E-05	0.002337	0.222896
3355	481363.09	3848377.25	1.51502	2.13084	1.97874	1.38385	1.37E-01	0.00901	3.7E-05	0.00321	0.14955	1.73E-01	0.011378	3.14E-05	0.001871	1.87E-01	0.170818	0.009786	2.57E-05	0.001987	0.182617
3356	481863.09	3848377.25	1.48264	2.47562	1.94225	1.2446	1.34E-01	0.01047	3.6E-05	0.00288	0.14775	1.70E-01	0.013219	3.09E-05	0.001683	1.85E-01	0.167167	0.011369	2.52E-05	0.001787	0.180349
3357	482363.09	3848377.25	1.54228	2.80247	1.97385	1.20296	1.40E-01	0.01186	3.7E-05	0.00279	0.15444	1.76E-01	0.014964	3.14E-05	0.001627	1.93E-01	0.173892	0.01287	2.56E-05	0.001728	0.188515
3358	482863.09	3848377.25	1.24404	1.6611	1.74012	1.16946	1.13E-01	0.00703	3.3E-05	0.00271	0.12251	1.42E-01	0.008869	2.77E-05	0.001581	1.53E-01	0.140265	0.007628	2.26E-05	0.001679	0.149595
3359	483363.09	3848377.25	1.31131	2.27845	1.61454	1.38202	1.19E-01	0.00964	3E-05	0.0032	0.1317	1.50E-01	0.012166	2.57E-05	0.001869	1.64E-01	0.14785	0.010463	2.1E-05	0.001985	0.160319
3360	483863.09	3848377.25	1.25574	1.61481	1.61996	1.49945	1.14E-01	0.00683	3E-05	0.00347	0.12413	1.44E-01	0.008622	2.57E-05	0.002027	1.54E-01	0.141584	0.007416	2.1E-05	0.002153	0.151174
3361	484363.09	3848377.25	1.12841	1.60659	1.45182	1.69567	1.02E-01	0.0068	2.7E-05	0.00393	0.11301	1.29E-01	0.008578	2.31E-05	0.002293	1.40E-01	0.127228	0.007378	1.88E-05	0.002435	0.13706
3362	484863.09	3848377.25	1.12488	1.66454	1.35257	1.41241	1.02E-01	0.00704	2.5E-05	0.00327	0.11228	1.29E-01	0.008888	2.15E-05	0.00191	1.39E-01	0.12683	0.007644	1.76E-05	0.002028	0.13652
3363	485363.09	3848377.25	1.05876	1.53158	1.43239	1.4299	9.59E-02	0.00648	2.7E-05	0.00331	0.10577	1.21E-01	0.008178	2.28E-05	0.001933	1.31E-01	0.119375	0.007034	1.86E-05	0.002053	0.12848
3364	485863.09	3848377.25	0.97604	2.12311	1.20758	1.47502	8.85E-02	0.00898	2.3E-05	0.00342	0.10087	1.12E-01	0.011336	1.92E-05	0.001994	1.25E-01	0.110048	0.00975	1.57E-05	0.002118	0.121932
3365	486363.09	3848377.25	0.82918	1.78687	0.94867	1.43338	7.51E-02	0.00756	1.8E-05	0.00332	0.08604	9.48E-02	0.009541	1.51E-05	0.001938	1.06E-01	0.09349	0.008206	1.23E-05	0.002058	0.103766
3366	486863.09	3848377.25	0.76093	1.28288	1.00776	1.14758	6.90E-02	0.00543	1.9E-05	0.00266	0.07706	8.70E-02	0.00685	1.6E-05	0.001552	9.55E-02	0.085795	0.005891	1.31E-05	0.001648	0.093347
3367	487363.09	3848377.25	0.62936	1.14956	0.77524	0.93468	5.70E-02	0.00486	1.5E-05	0.00216	0.06408	7.20E-02	0.006138	1.23E-05	0.001264	7.94E-02	0.07096	0.005279	1.01E-05	0.001342	0.077592
3368	487863.09	3848377.25	0.54907	1.36903	0.65501	0.85943	4.98E-02	0.00579	1.2E-05	0.00199	0.05755	6.28E-02	0.00731	1.04E-05	0.001162	7.13E-02	0.061907	0.006287	8.5E-06	0.001234	0.069437
3369	488363.09	3848377.25	0.53557	1.14151	0.6799	0.66386	4.85E-02	0.00483	1.3E-05	0.00154	0.05491	6.13E-02	0.006095	1.08E-05	0.000898	6.83E-02	0.060385	0.005242	8.83E-06	0.000953	0.06659
3370	488863.09	3848377.25	0.50507	1.23389	0.68151	0.56291	4.58E-02	0.00522	1.3E-05	0.0013	0.05231	5.78E-02	0.006588	1.08E-05	0.000761	6.51E-02	0.056946	0.005666	8.85E-06	0.000808	0.06343
3371	489363.09	3848377.25	0.60008	1.70794	0.62292	0.57368	5.44E-02	0.00723	1.2E-05	0.00133	0.06295	6.86E-02	0.00912	9.9E-06	0.000776	7.85E-02	0.067659	0.007843	8.09E-06	0.000824	0.076334
3372	489863.09	3848377.25	0.65036	1.57509	0.73559	0.56969	5.89E-02	0.00666	1.4E-05	0.00132	0.06693	7.44E-02	0.00841	1.17E-05	0.00077	8.36E-02	0.073328	0.007233	9.55E-06	0.000818	0.081389
3373	490363.09	3848377.25	0.63518	1.18128	0.7892	0.78974	5.76E-02	0.005	1.5E-05	0.00183	0.0644	7.27E-02	0.006307	1.25E-05	0.001068	8.00E-02	0.071616	0.005425	1.02E-05	0.001134	0.078186
3374	490863.09	3848377.25	0.65081	1.03637	0.82444	0.94992	5.90E-02	0.00438	1.5E-05	0.0022	0.06558	7.44E-02	0.005534	1.31E-05	0.001284	8.13E-02	0.073379	0.004759	1.07E-05	0.001364	0.079513
3375	491363.09	3848377.25	0.59997	0.68496	0.81149	0.9931	5.44E-02	0.0029	1.5E-05	0.0023	0.05958	6.86E-02	0.003657	1.29E-05	0.001343	7.36E-02	0.067646	0.003146	1.05E-05	0.001426	0.072229
3376	491863.09	3848377.25	0.60584	0.77936	0.81514	0.98428	5.49E-02	0.0033	1.5E-05	0.00228	0.06049	6.93E-02	0.004161	1.3E-05	0.001331	7.48E-02	0.068308	0.003579	1.06E-05	0.001413	0.073311
3377	492363.09	3848377.25	0.58508	0.69284	0.80925	0.97905	5.30E-02	0.00293	1.5E-05	0.00227	0.05824	6.69E-02	0.003699	1.29E-05	0.001324	7.20E-02	0.065968	0.003182	1.05E-05	0.001406	0.070566
3378	492863.09	3848377.25	0.57279	0.82241	0.78185	0.96476	5.19E-02	0.00348	1.5E-05	0.00223	0.05764	6.55E-02	0.004391	1.24E-05	0.001304	7.12E-02	0.064582	0.003777	1.01E-05	0.001385	0.069754
3379	493363.09	3848377.25	0.53085	0.9251	0.70649	0.93626	4.81E-02	0.00391	1.3E-05	0.00217	0.0542	6.07E-02	0.00494	1.12E-05	0.001266	6.69E-02	0.059853	0.004248	9.17E-06	0.001345	0.065455
3380	493863.09	3848377.25	0.45674	1.30699	0.53521	0.89408	4.14E-02	0.00553	1E-05	0.00207	0.049	5.22E-02	0.006979	8.51E-06	0.001209	6.04E-02	0.051497	0.006002	6.95E-06	0.001284	0.05879
3381	494363.09	3848377.25	0.39279	1.27931	0.48534	0.83266	3.56E-02	0.00541	9.1E-06	0.00193	0.04295	4.49E-02	0.006831	7.71E-06	0.001126	5.29E-02	0.044287	0.005875	6.3E-06	0.001196	0.051364
3382	494863.09	3848377.25	0.34708	0.82176	0.46736	0.73012	3.15E-02	0.00348	8.7E-06	0.00169	0.03663	3.97E-02	0.004388	7.43E-06	0.000987	4.51E-02	0.039133	0.003774	6.07E-06	0.001048	0.043962
3383	495363.09	3848377.25	0.32937	0.4741	0.44647	0.58003	2.98E-02	0.00201	8.4E-06	0.00134	0.03321	3.77E-02	0.002531	7.1E-06	0.000784	4.10E-02	0.037136	0.002177	5.8E-06	0.000833	0.040152
3384	495863.09	3848377.25	0.32224	0.48475	0.42557	0.5025	2.92E-02	0.00205	8E-06	0.00116	0.03242	3.69E-02	0.002588	6.76E-06	0.000679	4.01E-02	0.036332	0.002226	5.52E-06	0.000722	0.039286
3385	496363.09	3848377.25	0.33665	0.51181	0.43696	0.49088	3.05E-02	0.00217	8.2E-06	0.00114	0.03382	3.85E-02	0.002733	6.94E-06	0.000664	4.19E-02	0.037957	0.00235	5.67E-06	0.000705	0.041018
3386	496863.09	3848377.25	0.3577	0.69917	0.42196	0.47583	3.24E-02	0.00296	7.9E-06	0.0011	0.03648	4.09E-02	0.003733	6.71E-06	0.000643	4.53E-02	0.040331	0.003211	5.48E-06	0.000683	0.04423
3387	497363.09	3848377.25	0.4178	1.05148	0.44233	0.45794	3.79E-02	0.00445	8.3E-06	0.00106	0.04338	4.78E-02	0.005614	7.03E-06	0.000619	5.40E-02	0.047107	0.004829	5.74E-06	0.000658	0.052599
3388	497863.09	3848377.25	0.55549	1.33154	0.57025	0.57983	5.03E-02	0.00563	1.1E-05	0.00134	0.05733	6.35E-02	0.00711	9.06E-06	0.000784	7.14E-02	0.062631	0.006115	7.4E-06	0.000833	0.069586
3389	498363.09	3848377.25	0.60563	1.32083	0.66767	0.56024	5.49E-02	0.00559	1.2E-05	0.0013	0.06178	6.93E-02	0.007053	1.06E-05	0.000758	7.71E-02	0.068285	0.006066	8.67E-06	0.000805	0.075164
3390	471363.09	3848877.25	3.38474	4.26258	3.78716	4.47312	3.07E-01	0.01803	7.1E-05	0.01036	0.3352	3.87E-01	0.02276	6.02E-05	0.006048	4.16E-01	0.381628	0.019575	4.92E-05	0.006424	0.407676
3391	471863.09	3848877.25	4.12938	5.03035	5.16737	5.59833	3.74E-01	0.02128	9.7E-05	0.01297	0.40856	4.72E-01	0.02686	8.21E-05	0.00757	5.07E-01	0.465586	0.023101	6.71E-05	0.008039	0.496794
3392	472363.09	3848877.25	4.73985	5.89447	5.6321	5.97444	4.30E-01	0.02494	0.00011	0.01384	0.46842	5.42E-01	0.031474	8.95E-05	0.008078	5.82E-01	0.534416	0.02707	7.31E-05	0.00858	0.570139
3393	472863.09	3848877.25	4.91046	6.24295	5.93325	6.31351	4.45E-01	0.02641	0.00011	0.01462	0.48614	5.62E-01	0.033334	9.43E-05	0.008537	6.04E-01	0.553653	0.02867	7.7E-05	0.009067	0.591466
3394	473363.09	3848877.25	4.74773	6.33157	5.20247	6.33299	4.30E-01	0.02679	9.7E-05	0.01467	0.4718	5.43E-01	0.033808	8.27E-05	0.008563	5.85E-01	0.535305	0.029077	6.75E-05	0.009095	0.573544
3395	473863.09	3848877.25	5.44987	7.55498	6.16012	7.86008	4.94E-01	0.03196	0.00012	0.01821	0.54416	6.23E-01	0.04034	9.79E-05	0.010628	6.74E-01	0.614471	0.034695	8E-05	0.011287	0.660534
3396	474363.09	3848877.25	5.76946	7.79357	6.58368	8.30274	5.23E-01	0.03297	0.00012	0.01923	0.57517	6.60E-01	0.041614	0.000105	0.011226	7.13E-01	0.650505	0.035791	8.55E-05	0.011923	0.698304
3397	474863.09	3848877.25	5.89041	7.32641	6.75697	5.671	5.34E-01	0.03099	0.00013	0.01314	0.57806	6.74E-01	0.03912	0.000107	0.007668	7.21E-01	0.664142	0.033646	8.77E-05	0.008144	0.706019
3398	475363.09	3848877.25	6.6089	8.00089	7.84138	6.45719	5.99E-01	0.03385	0.00015	0.01496	0.64786	7.56E-01	0.042721	0.000125	0.008731	8.07E-01	0.745151	0.036743	0.000102	0.009273	0.791269
3399	475863.09	3848877.25	6.69756	8.13496	7.7198	5.99163	6.07E-01	0.03442	0.00014	0.01388	0.65538	7.66E-01	0.043437	0.000123	0.008101	8.18E-01	0.755148	0.037359	0.0001	0.008604	0.801211
3400	476363.09	3848877.25	7.31798	9.00779	8.7184	6.51893	6.63E-01	0.03811	0.00016	0.0151	0.71654	8.37E-01	0.048097	0.000139	0.008814	8.94E-01	0.8251	0.041367	0.000113	0.009362	0.875942
3401	476863.09	3848877.25	6.32143	7.72494	7.30857	5.31559	5.73E-01	0.03268	0.00014	0.01231	0.61799	7.23E-01	0.041247	0.000116	0.007187	7.72E-01	0.712739	0.035476	9.49E-05	0.007633	0.755943
3402	477363.09	3848877.25	6.89297	8.42071	7.04672	6.8417	6.25E-01	0.03562	0.00013	0.01585	0.67626	7.88E-01	0.044963	0.000112	0.009251	8.43E-01	0.77718	0.038671	9.15E-05	0.009825	0.825768
3403	477863.09	3848877.25	8.894	10.931	10.34014	8.08752	8.06E-01	0.04624	0.00019	0.01873	0.87116	1.02E+00	0.058366	0.000164	0.010935	1.09E+00	1.002795	0.050199	0.000134	0.011614	1.064743
3404	478363.09	3848877.25	10.08429	12.17983	12.44394	8.90756	9.14E-01	0.05153	0.00023	0.02063	0.98625	1.15E+00	0.065034	0.000198	0.012044	1.23E+00	1.137	0.055934	0.000162	0.012792	1.205888
3405	478863.09	3848877.25	8.42334	10.28954	10.27094	7.22864	7.63E-01	0.04353	0.00019	0.01674	0.82381	9.63E-01	0.054941	0.000163	0.009774	1.03E+00	0.949729	0.047253	0.000133	0.010381	1.007496
3406	479363.09	3848877.25	7.24482	6.54581	9.56735	4.78585	6.57E-01	0.02769	0.00018	0.01108	0.6955	8.29E-01	0.034951	0.000152	0.006471	8.70E-01	0.816851	0.030061	0.000124	0.006873	0.853909
3407	479863.09	3848877.25	3.93179	4.31284	5.20611	2.47078	3.56E-01	0.01825	9.7E-05	0.00572	0.38037	4.50E-01	0.023029	8.27E-05	0.003341	4.76E-01	0.443308	0.019806	6.76E-05	0.003548	0.46673
3408	480363.09	3848877.25	3.85097	4.13442	5.28409	2.94549	3.49E-01	0.01749	9.9E-05	0.00682	0.37339	4.40E-01	0.022076	8.4E-05	0.003983	4.67E-01	0.434196	0.018987	6.86E-05	0.00423	0.457481
3409	480863.09	3848877.25	3.59257	4.28183	4.77184	3.05655	3.26E-01	0.01811	8.9E-05	0.00708	0.35085	4.11E-01	0.022863	7.58E-05	0.004133	4.38E-01	0.405061	0.019664	6.19E-05	0.004389	0.429176
3410	481363.09	3848877.25	2.70076	3.7649	3.61001	1.77231	2.45E-01	0.01593	6.8E-05	0.00411	0.26485	3.09E-01	0.020103	5.74E-05	0.002396	3.31E-01	0.30451	0.01729	4.69E-05	0.002545	0.324392
3411	481863.09	3848877.25	1.71531	2.97113	2.3551	1.41852	1.55E-01	0.01257	4.4E-05	0.00329	0.17134	1.96E-01	0.015864	3.74E-05	0.001918	2.14E-01	0.193401	0.013645	3.06E-05	0.002037	0.209113
3412	482363.09	3848877.25	1.37605	2.53323	1.70383	1.13814	1.25E-01	0.01072	3.2E-05	0.00264	0.13809	1.57E-01	0.013526	2.71E-05	0.001539	1.72E-01	0.155149	0.011634	2.21E-05	0.001634	0.168439

3413	482863.09	3848877.25	1.06007	1.64043	1.37547	1.14714		9.61E-02	0.00694	2.6E-05	0.00266	0.10569		1.21E-01	0.008759	2.19E-05	0.001551	1.32E-01		0.119523	0.007533	1.79E-05	0.001647	0.128721
3414	483363.09	3848877.25	1.16326	1.89336	1.4033	1.05176		1.05E-01	0.00801	2.6E-05	0.00244	0.11589		1.33E-01	0.01011	2.23E-05	0.001422	1.45E-01		0.131157	0.008695	1.82E-05	0.00151	0.141381
3415	483863.09	3848877.25	1.2719	1.6538	1.65414	1.15236		1.15E-01	0.007	3.1E-05	0.00267	0.12496		1.45E-01	0.008831	2.63E-05	0.001558	1.56E-01		0.143406	0.007595	2.15E-05	0.001655	0.152677
3416	484363.09	3848877.25	1.21139	1.67598	1.54777	1.76471		1.10E-01	0.00709	2.9E-05	0.00409	0.12099		1.39E-01	0.008949	2.46E-05	0.002386	1.50E-01		0.136584	0.007697	2.01E-05	0.002534	0.146835
3417	484863.09	3848877.25	1.25114	2.38153	1.53416	1.51316		1.13E-01	0.01008	2.9E-05	0.0035	0.12699		1.43E-01	0.012716	2.44E-05	0.002046	1.58E-01		0.141066	0.010937	1.99E-05	0.002173	0.154195
3418	485363.09	3848877.25	1.15501	1.69705	1.61563	1.48446		1.05E-01	0.00718	3E-05	0.00344	0.11532		1.32E-01	0.009061	2.57E-05	0.002007	1.43E-01		0.130227	0.007793	2.1E-05	0.002132	0.140173
3419	485863.09	3848877.25	1.03617	2.16165	1.29442	1.48915		9.39E-02	0.00914	2.4E-05	0.00345	0.10652		1.19E-01	0.011542	2.06E-05	0.002013	1.32E-01		0.116828	0.009927	1.68E-05	0.002138	0.12891
3420	486363.09	3848877.25	0.85445	2.16816	1.01151	1.45363		7.74E-02	0.00917	1.9E-05	0.00337	0.08999		9.77E-02	0.011577	1.61E-05	0.001965	1.11E-01		0.096339	0.009957	1.31E-05	0.002087	0.108397
3421	486863.09	3848877.25	0.77395	1.25145	1.03467	1.19736		7.01E-02	0.00529	1.9E-05	0.00277	0.07822		8.85E-02	0.006682	1.64E-05	0.001619	9.68E-02		0.087263	0.005747	1.34E-05	0.001719	0.094743
3422	487363.09	3848877.25	0.70188	1.29819	0.89734	0.97481		6.36E-02	0.00549	1.7E-05	0.00226	0.07137		8.03E-02	0.006932	1.43E-05	0.001318	8.85E-02		0.079137	0.005962	1.16E-05	0.0014	0.08651
3423	487863.09	3848877.25	0.61792	1.60203	0.74663	0.87566		5.60E-02	0.00678	1.4E-05	0.00203	0.06482		7.07E-02	0.008554	1.19E-05	0.001184	8.04E-02		0.06967	0.007357	9.69E-06	0.001257	0.078295
3424	488363.09	3848877.25	0.607	1.53325	0.79695	0.74375		5.50E-02	0.00649	1.5E-05	0.00172	0.06323		6.94E-02	0.008187	1.27E-05	0.001006	7.86E-02		0.068439	0.007041	1.03E-05	0.001068	0.076559
3425	488863.09	3848877.25	0.68323	2.04283	0.77467	0.64353		6.19E-02	0.00864	1.5E-05	0.00149	0.07206		7.81E-02	0.010908	1.23E-05	0.00087	8.99E-02		0.077034	0.009381	1.01E-05	0.000924	0.08735
3426	489363.09	3848877.25	0.76891	1.78824	0.88671	0.65476		6.97E-02	0.00757	1.7E-05	0.00152	0.07878		8.79E-02	0.009548	1.41E-05	0.000885	9.84E-02		0.086694	0.008212	1.15E-05	0.00094	0.095858
3427	489863.09	3848877.25	0.72346	1.3629	0.92171	0.81406		6.56E-02	0.00577	1.7E-05	0.00189	0.07323		8.27E-02	0.007277	1.46E-05	0.001101	9.11E-02		0.08157	0.006259	1.2E-05	0.001169	0.08901
3428	490363.09	3848877.25	0.68294	1.2176	0.84742	0.93847		6.19E-02	0.00515	1.6E-05	0.00217	0.06923		7.81E-02	0.006501	1.35E-05	0.001269	8.59E-02		0.077001	0.005592	1.1E-05	0.001348	0.083952
3429	490863.09	3848877.25	0.68574	0.94776	0.91498	0.99573		6.21E-02	0.00401	1.7E-05	0.00231	0.06848		7.84E-02	0.005061	1.45E-05	0.001346	8.49E-02		0.077317	0.004352	1.19E-05	0.00143	0.083111
3430	491363.09	3848877.25	0.64233	0.83357	0.85143	0.98962		5.82E-02	0.00353	1.6E-05	0.00229	0.06404		7.35E-02	0.004451	1.35E-05	0.001338	7.93E-02		0.072422	0.003828	1.11E-05	0.001421	0.077683
3431	491863.09	3848877.25	0.61875	0.84196	0.83933	0.98626		5.61E-02	0.00356	1.6E-05	0.00228	0.06193		7.08E-02	0.004496	1.33E-05	0.001334	7.66E-02		0.069764	0.003867	1.09E-05	0.001416	0.075058
3432	492363.09	3848877.25	0.58355	0.88601	0.79988	0.97306		5.29E-02	0.00375	1.5E-05	0.00225	0.0589		6.67E-02	0.004731	1.27E-05	0.001316	7.28E-02		0.065795	0.004069	1.04E-05	0.001397	0.071272
3433	492863.09	3848877.25	0.54243	0.83165	0.72833	0.94682		4.92E-02	0.00352	1.4E-05	0.00219	0.05488		6.20E-02	0.004441	1.16E-05	0.00128	6.78E-02		0.061159	0.003819	9.45E-06	0.00136	0.066347
3434	493363.09	3848877.25	0.4767	1.25131	0.56889	0.9088		4.32E-02	0.00529	1.1E-05	0.0021	0.05061		5.45E-02	0.006681	9.04E-06	0.001229	6.24E-02		0.053748	0.005746	7.38E-06	0.001305	0.060807
3435	493863.09	3848877.25	0.40674	1.38034	0.49217	0.85404		3.69E-02	0.00584	9.2E-06	0.00198	0.04469		4.65E-02	0.00737	7.82E-06	0.001155	5.51E-02		0.04586	0.006339	6.39E-06	0.001226	0.053432
3436	494363.09	3848877.25	0.35292	0.91453	0.46943	0.76575		3.20E-02	0.00387	8.8E-06	0.00177	0.03763		4.04E-02	0.004883	7.46E-06	0.001035	4.63E-02		0.039792	0.0042	6.09E-06	0.0011	0.045097
3437	494863.09	3848877.25	0.33998	0.52848	0.45611	0.61739		3.08E-02	0.00224	8.5E-06	0.00143	0.03448		3.89E-02	0.002822	7.25E-06	0.000835	4.26E-02		0.038333	0.002427	5.92E-06	0.000887	0.041652
3438	495363.09	3848877.25	0.34456	0.53768	0.44054	0.50599		3.12E-02	0.00227	8.2E-06	0.00117	0.03468		3.94E-02	0.002871	7E-06	0.000684	4.30E-02		0.038849	0.002469	5.72E-06	0.000727	0.042051
3439	495863.09	3848877.25	0.35591	0.71866	0.41557	0.49188		3.23E-02	0.00304	7.8E-06	0.00114	0.03644		4.07E-02	0.003837	6.6E-06	0.000665	4.52E-02		0.040129	0.0033	5.39E-06	0.000706	0.044141
3440	496363.09	3848877.25	0.4042	1.01818	0.40836	0.47658		3.66E-02	0.00431	7.6E-06	0.0011	0.04205		4.62E-02	0.005437	6.49E-06	0.000644	5.23E-02		0.045573	0.004676	5.3E-06	0.000684	0.050939
3441	496863.09	3848877.25	0.48008	1.23699	0.45527	0.461		4.35E-02	0.00523	8.5E-06	0.00107	0.04982		5.49E-02	0.006605	7.24E-06	0.000623	6.21E-02		0.054129	0.005681	5.91E-06	0.000662	0.060478
3442	497363.09	3848877.25	0.58353	1.2621	0.65637	0.56457		5.29E-02	0.00534	1.2E-05	0.00131	0.05954		6.67E-02	0.006739	1.04E-05	0.000763	7.43E-02		0.065793	0.005796	8.52E-06	0.000811	0.072408
3443	497863.09	3848877.25	0.63771	1.40775	0.77628	0.56464		5.78E-02	0.00596	1.5E-05	0.00131	0.06507		7.29E-02	0.007517	1.23E-05	0.000763	8.12E-02		0.071902	0.006465	1.01E-05	0.000811	0.079187
3444	498363.09	3848877.25	0.68028	1.30806	0.87929	0.65315		6.16E-02	0.00553	1.6E-05	0.00151	0.06871		7.78E-02	0.006984	1.4E-05	0.000883	8.57E-02		0.076701	0.006007	1.14E-05	0.000938	0.083658
3445	471363.09	3849377.25	3.93721	4.13112	4.92611	3.45282		3.57E-01	0.01748	9.2E-05	0.008	0.38236		4.50E-01	0.022058	7.83E-05	0.004669	4.77E-01		0.443919	0.018972	6.39E-05	0.004958	0.467913
3446	471863.09	3849377.25	3.63033	4.40913	4.11948	3.69537		3.29E-01	0.01865	7.7E-05	0.00856	0.35628		4.15E-01	0.023543	6.55E-05	0.004997	4.44E-01		0.409318	0.020248	5.35E-05	0.005307	0.434927
3447	472363.09	3849377.25	3.66075	4.59731	4.13133	5.08012		3.32E-01	0.01945	7.7E-05	0.01177	0.36304		4.19E-01	0.024547	6.57E-05	0.006869	4.50E-01		0.412748	0.021113	5.36E-05	0.007295	0.44121
3448	472863.09	3849377.25	4.41746	5.50884	5.47779	6.19194		4.00E-01	0.02331	0.0001	0.01434	0.43807		5.05E-01	0.029415	8.71E-05	0.008372	5.43E-01		0.498067	0.025299	7.11E-05	0.008892	0.532329
3449	473363.09	3849377.25	5.04047	6.37699	5.96398	6.61368		4.57E-01	0.02698	0.00011	0.01532	0.49919		5.77E-01	0.03405	9.48E-05	0.008942	6.20E-01		0.568311	0.029286	7.74E-05	0.009498	0.607172
3450	473863.09	3849377.25	5.09315	6.65035	6.0995	6.79868		4.62E-01	0.02813	0.00011	0.01575	0.50555		5.83E-01	0.03551	9.69E-05	0.009193	6.27E-01		0.574251	0.030541	7.92E-05	0.009763	0.614634
3451	474363.09	3849377.25	5.23429	7.2003	5.54035	7.64432		4.74E-01	0.03046	0.0001	0.01771	0.52261		5.99E-01	0.038446	8.81E-05	0.010336	6.48E-01		0.590164	0.033066	7.19E-05	0.010978	0.63428
3452	474863.09	3849377.25	5.75647	7.71394	6.35084	8.88334		5.22E-01	0.03263	0.00012	0.02058	0.57499		6.58E-01	0.041189	0.000101	0.012011	7.12E-01		0.64904	0.035425	8.24E-05	0.012757	0.697305
3453	475363.09	3849377.25	6.07618	8.33787	6.97253	8.09746		5.51E-01	0.03527	0.00013	0.01876	0.6048		6.95E-01	0.04452	0.000111	0.010949	7.51E-01		0.685087	0.038291	9.05E-05	0.011628	0.735097
3454	475863.09	3849377.25	5.86978	7.61484	6.17341	7.65171		5.32E-01	0.03221	0.00012	0.01772	0.58198		6.71E-01	0.04066	9.81E-05	0.010346	7.22E-01		0.661816	0.03497	8.01E-05	0.010988	0.707854
3455	476363.09	3849377.25	6.57774	8.35974	7.25879	8.46749		5.96E-01	0.03537	0.00014	0.01961	0.6512		7.52E-01	0.044637	0.000115	0.011449	8.09E-01		0.741638	0.038391	9.42E-05	0.01216	0.792283
3456	476863.09	3849377.25	7.5805	9.22126	8.26783	8.26304		6.87E-01	0.03901	0.00015	0.01914	0.74526		8.67E-01	0.049237	0.000131	0.011173	9.28E-01		0.854699	0.042347	0.000107	0.011866	0.90902
3457	477363.09	3849377.25	7.01249	8.55188	7.88167	7.04133		6.35E-01	0.03618	0.00015	0.01631	0.68812		8.02E-01	0.045663	0.000125	0.009521	8.57E-01		0.790656	0.039273	0.000102	0.010112	0.840143
3458	477863.09	3849377.25	7.0733	8.61043	7.61446	6.93653		6.41E-01	0.03643	0.00014	0.01607	0.69363		8.09E-01	0.045976	0.000121	0.009379	8.65E-01		0.797512	0.039542	9.88E-05	0.009961	0.847115
3459	478363.09	3849377.25	9.57592	11.82069	11.02585	9.34141		8.68E-01	0.05001	0.00021	0.02164	0.93964		1.10E+00	0.063117	0.000175	0.012631	1.17E+00		1.079682	0.054285	0.000143	0.013415	1.147525
3460	478863.09	3849377.25	10.76813	12.96976	13.51405	8.74806		9.76E-01	0.05487	0.00025	0.02026	1.05121		1.23E+00	0.069252	0.000215	0.011828	1.31E+00		1.214103	0.059562	0.000175	0.012563	1.286403
3461	479363.09	3849377.25	9.1277	11.363	11.32178	7.73274		8.27E-01	0.04807	0.00021	0.01791	0.89337		1.04E+00	0.060673	0.00018	0.010456	1.12E+00		1.029145	0.052183	0.000147	0.011105	1.09258
3462	479863.09	3849377.25	7.28119	6.34077	9.57669	4.68923		6.60E-01	0.02682	0.00018	0.01086	0.6977		8.33E-01	0.033857	0.000152	0.00634	8.73E-01		0.820952	0.029119	0.000124	0.006734	0.856929
3463	480363.09	3849377.25	6.16074	7.31256	7.82849	4.26805		5.58E-01	0.03094	0.00015	0.00989	0.59927		7.05E-01	0.039046	0.000124	0.005771	7.50E-01		0.694621	0.033582	0.000102	0.006129	0.734434
3464	480863.09	3849377.25	5.43617	6.47133	7.35215	3.74017		4.93E-01	0.02738	0.00014	0.00866	0.52881		6.22E-01	0.034554	0.000117	0.005057	6.62E-01		0.612926	0.029719	9.54E-05	0.005371	0.648112
3465	481363.09	3849377.25	3.42936	4.49242	4.53244	2.99563		3.11E-01	0.01901	8.5E-05	0.00694	0.3368		3.92E-01	0.023987	7.2E-05	0.00405	4.20E-01		0.386659	0.020631	5.88E-05	0.004302	0.411651
3466	481863.09	3849377.25	1.74473	2.48527	2.27118	1.55386		1.58E-01	0.01051	4.3E-05	0.0036	0.17227		2.00E-01	0.01327	3.61E-05	0.002101	2.15E-01		0.196718	0.011413	2.95E-05	0.002231	0.210392
3467	482363.09	3849377.25	1.26531	2.20815	1.58535	1.18683		1.15E-01	0.00934	3E-05	0.00275	0.12679		1.45E-01	0.01179	2.52E-05	0.001605	1.58E-01		0.142663	0.010141	2.06E-05	0.001704	0.154529
3468	482863.09	3849377.25	1.01078	1.7835	1.27161	1.12235		9.16E-02	0.00755	2.4E-05	0.0026	0.10177		1.16E-01	0.009523	2.02E-05	0.001518	1.27E-01		0.113965	0.00819	1.65E-05	0.001612	0.123784
3469	483363.09	3849377.25	1.14045	1.74012	1.41267	1.08423		1.03E-01	0.00736	2.6E-05	0.00251	0.11325		1.30E-01	0.009291	2.25E-05	0.001466	1.41E-01		0.128585	0.007991	1.83E-05	0.001557	0.138152
3470	483863.09	3849377.25	1.15455	1.6666	1.46435	1.10655		1.05E-01	0.00705	2.7E-05	0.00256	0.11427		1.32E-01	0.008899	2.33E-05	0.001496	1.42E-01		0.130175	0.007654	1.9E-05	0.001589	0.139437
3471	484363.09	3849377.25	1.34217	2.05396	1.74069	1.81165		1.22E-01	0.00869	3.3E-05	0.0042	0.13455		1.54E-01	0.010967	2.77E-05	0.00245	1.67E-01		0.151329	0.009433	2.26E-05	0.002602	0.163386
3472	484863.09	3849377.25	1.33459	2.91209	1.70299	1.63451		1.21E-01	0.01232	3.2E-05	0.00379	0.13708		1.53E-01	0.015549	2.71E-05	0.00221	1.70E-01		0.150475	0.013373	2.21E-05	0.002347	0.166217
3473	485363.09	3849377.25	1.29227	2.22504	1.81196	1.52729		1.17E-01	0.00941	3.4E-05	0.00354	0.13009		1.48E-01	0.011881	2.88E-05	0.002065	1.62E-01		0.145703	0.010218	2.35E-05	0.002193	0.158138

3474	485863.09	3849377.25	1.02888	1.89763	1.32094	1.50033	9.32E-02	0.00803	2.5E-05	0.00348	0.10477	1.18E-01	0.010132	2.1E-05	0.002029	1.30E-01	0.116006	0.008715	1.71E-05	0.002155	0.126892
3475	486363.09	3849377.25	0.87849	2.05878	1.02622	1.46502	7.96E-02	0.00871	1.9E-05	0.00339	0.09173	1.00E-01	0.010993	1.63E-05	0.001981	1.13E-01	0.099049	0.009455	1.33E-05	0.002104	0.110621
3476	486863.09	3849377.25	0.7864	1.19525	1.04902	1.24796	7.13E-02	0.00506	2E-05	0.00289	0.07923	8.99E-02	0.006382	1.67E-05	0.001687	9.80E-02	0.088666	0.005489	1.36E-05	0.001792	0.095961
3477	487363.09	3849377.25	0.74397	1.6195	0.94015	0.97863	6.74E-02	0.00685	1.8E-05	0.00227	0.07656	8.51E-02	0.008647	1.49E-05	0.001323	9.51E-02	0.083882	0.007437	1.22E-05	0.001405	0.092737
3478	487863.09	3849377.25	0.71859	1.77824	0.95032	0.88587	6.51E-02	0.00752	1.8E-05	0.00205	0.07471	8.22E-02	0.009495	1.51E-05	0.001198	9.29E-02	0.081021	0.008166	1.23E-05	0.001272	0.090472
3479	488363.09	3849377.25	0.74223	2.31205	0.9453	0.7347	6.73E-02	0.00978	1.8E-05	0.0017	0.07876	8.49E-02	0.012345	1.5E-05	0.000993	9.82E-02	0.083686	0.010618	1.23E-05	0.001055	0.095371
3480	488863.09	3849377.25	0.84931	2.45971	0.98214	0.68027	7.70E-02	0.01041	1.8E-05	0.00158	0.08897	9.71E-02	0.013134	1.56E-05	0.00092	1.11E-01	0.095759	0.011296	1.27E-05	0.000977	0.108045
3481	489363.09	3849377.25	0.86234	1.68076	1.12935	0.75721	7.81E-02	0.00711	2.1E-05	0.00175	0.08703	9.86E-02	0.008974	1.79E-05	0.001024	1.09E-01	0.097229	0.007719	1.47E-05	0.001087	0.106049
3482	489863.09	3849377.25	0.80212	1.47051	1.06297	1.00947	7.27E-02	0.00622	2E-05	0.00234	0.08127	9.17E-02	0.007852	1.69E-05	0.001365	1.01E-01	0.090439	0.006753	1.38E-05	0.00145	0.098655
3483	490363.09	3849377.25	0.71999	1.25204	0.94576	1.03717	6.52E-02	0.0053	1.8E-05	0.0024	0.07296	8.24E-02	0.006685	1.5E-05	0.001402	9.05E-02	0.081179	0.00575	1.23E-05	0.001489	0.08843
3484	490863.09	3849377.25	0.72858	0.95628	0.97502	0.99507	6.60E-02	0.00405	1.8E-05	0.0023	0.07239	8.33E-02	0.005106	1.55E-05	0.001345	8.98E-02	0.082147	0.004392	1.27E-05	0.001429	0.08798
3485	491363.09	3849377.25	0.68661	0.98168	0.93235	0.99343	6.22E-02	0.00415	1.7E-05	0.0023	0.06869	7.85E-02	0.005242	1.48E-05	0.001343	8.51E-02	0.077415	0.004508	1.21E-05	0.001427	0.083362
3486	491863.09	3849377.25	0.62552	0.96022	0.85797	0.98083	5.67E-02	0.00406	1.6E-05	0.00227	0.06304	7.15E-02	0.005127	1.36E-05	0.001326	7.80E-02	0.070527	0.00441	1.11E-05	0.001409	0.076357
3487	492363.09	3849377.25	0.58828	0.90181	0.80074	0.9566	5.33E-02	0.00382	1.5E-05	0.00222	0.05936	6.73E-02	0.004815	1.27E-05	0.001293	7.34E-02	0.066328	0.004141	1.04E-05	0.001374	0.071854
3488	492863.09	3849377.25	0.49985	1.16581	0.61651	0.92256	4.53E-02	0.00493	1.2E-05	0.00214	0.05238	5.72E-02	0.006225	9.8E-06	0.001247	6.47E-02	0.056358	0.005354	8E-06	0.001325	0.063045
3489	493363.09	3849377.25	0.4251	1.4836	0.49942	0.87362	3.85E-02	0.00628	9.3E-06	0.00202	0.04683	4.86E-02	0.007922	7.94E-06	0.001181	5.77E-02	0.04793	0.006813	6.48E-06	0.001255	0.056004
3490	493863.09	3849377.25	0.3723	1.05985	0.47506	0.79725	3.37E-02	0.00448	8.9E-06	0.00185	0.04008	4.26E-02	0.005659	7.55E-06	0.001078	4.93E-02	0.041977	0.004867	6.17E-06	0.001145	0.047995
3491	494363.09	3849377.25	0.35645	0.59124	0.46009	0.66581	3.23E-02	0.0025	8.6E-06	0.00154	0.03635	4.08E-02	0.003157	7.31E-06	0.0009	4.48E-02	0.04019	0.002715	5.97E-06	0.000956	0.043867
3492	494863.09	3849377.25	0.41083	0.84678	0.5545	0.50917	3.72E-02	0.00358	1E-05	0.00118	0.042	4.70E-02	0.004521	8.81E-06	0.000688	5.22E-02	0.046321	0.003889	7.2E-06	0.000731	0.050948
3493	495363.09	3849377.25	0.48078	1.21052	0.57765	0.49364	4.36E-02	0.00512	1.1E-05	0.00114	0.04984	5.50E-02	0.006464	9.18E-06	0.000667	6.21E-02	0.054208	0.005559	7.5E-06	0.000709	0.060483
3494	495863.09	3849377.25	0.47803	1.27276	0.43631	0.47733	4.33E-02	0.00538	8.2E-06	0.00111	0.04982	5.47E-02	0.006796	6.93E-06	0.000645	6.21E-02	0.053898	0.005845	5.66E-06	0.000685	0.060434
3495	496363.09	3849377.25	0.52837	1.25184	0.53277	0.46309	4.79E-02	0.0053	1E-05	0.00107	0.05426	6.04E-02	0.006684	8.47E-06	0.000626	6.78E-02	0.059574	0.005749	6.92E-06	0.000665	0.065994
3496	496863.09	3849377.25	0.59903	1.21173	0.74225	0.48325	5.43E-02	0.00513	1.4E-05	0.00112	0.06054	6.85E-02	0.00647	1.18E-05	0.000653	7.57E-02	0.06754	0.005565	9.63E-06	0.000694	0.073809
3497	497363.09	3849377.25	0.63098	1.1291	0.83324	0.62482	5.72E-02	0.00478	1.6E-05	0.00145	0.06342	7.22E-02	0.006029	1.32E-05	0.000845	7.91E-02	0.071143	0.005185	1.08E-05	0.000897	0.077236
3498	497863.09	3849377.25	0.72868	1.00266	0.99311	0.79144	6.60E-02	0.00424	1.9E-05	0.00183	0.07213	8.33E-02	0.005354	1.58E-05	0.00107	8.98E-02	0.082158	0.004605	1.29E-05	0.001137	0.087912
3499	498363.09	3849377.25	0.70007	0.87449	0.97731	0.85442	6.34E-02	0.0037	1.8E-05	0.00198	0.06914	8.01E-02	0.004669	1.55E-05	0.001155	8.59E-02	0.078933	0.004016	1.27E-05	0.001227	0.084188
3500	471363.09	3849877.25	3.23549	3.58459	4.39788	2.79415	2.93E-01	0.01516	8.2E-05	0.00647	0.31493	3.70E-01	0.01914	6.99E-05	0.003778	3.93E-01	0.3648	0.016462	5.71E-05	0.004013	0.385332
3501	471863.09	3849877.25	3.85312	4.01304	5.10948	3.79108	3.49E-01	0.01698	9.6E-05	0.00878	0.37503	4.41E-01	0.021428	8.12E-05	0.005126	4.67E-01	0.434438	0.018429	6.63E-05	0.005444	0.458378
3502	472363.09	3849877.25	4.19558	4.41602	5.30121	4.17323	3.80E-01	0.01868	9.9E-05	0.00967	0.40866	4.80E-01	0.023579	8.43E-05	0.005643	5.09E-01	0.47305	0.02028	6.88E-05	0.005993	0.499392
3503	472863.09	3849877.25	3.84792	4.74233	4.42155	4.22843	3.49E-01	0.02006	8.3E-05	0.00979	0.37865	4.40E-01	0.025322	7.03E-05	0.005717	4.71E-01	0.433852	0.021779	5.74E-05	0.006072	0.46176
3504	473363.09	3849877.25	3.97751	4.99197	4.55594	5.61547	3.60E-01	0.02112	8.5E-05	0.01301	0.39466	4.55E-01	0.026655	7.24E-05	0.007593	4.89E-01	0.448463	0.022925	5.91E-05	0.008064	0.479511
3505	473863.09	3849877.25	4.77041	6.03485	5.83617	6.92413	4.32E-01	0.02553	0.00011	0.01604	0.47398	5.46E-01	0.032223	9.28E-05	0.009362	5.87E-01	0.537862	0.027714	7.58E-05	0.009943	0.575596
3506	474363.09	3849877.25	5.16683	6.84183	6.05652	7.48451	4.68E-01	0.02894	0.00011	0.01734	0.51462	5.91E-01	0.036532	9.63E-05	0.01012	6.38E-01	0.582558	0.03142	7.86E-05	0.010748	0.624805
3507	474863.09	3849877.25	5.16554	7.05465	6.01897	7.49809	4.68E-01	0.02984	0.00011	0.01737	0.51544	5.91E-01	0.037668	9.57E-05	0.010138	6.39E-01	0.582413	0.032398	7.81E-05	0.010768	0.625656
3508	475363.09	3849877.25	5.86749	8.36798	6.46715	9.05434	5.32E-01	0.0354	0.00012	0.02097	0.58822	6.71E-01	0.044681	0.000103	0.012242	7.28E-01	0.661557	0.038429	8.39E-05	0.013003	0.713073
3509	475863.09	3849877.25	6.43707	8.65275	7.34021	9.89996	5.83E-01	0.03661	0.00014	0.02293	0.64301	7.36E-01	0.046202	0.000117	0.013386	7.96E-01	0.725777	0.039737	9.53E-05	0.014217	0.779826
3510	476363.09	3849877.25	5.91182	7.79801	6.52076	7.78121	5.36E-01	0.03299	0.00012	0.01802	0.58688	6.76E-01	0.041638	0.000104	0.010521	7.28E-01	0.666556	0.035811	8.46E-05	0.011174	0.713626
3511	476863.09	3849877.25	6.55378	8.231	7.0367	9.58002	5.94E-01	0.03482	0.00013	0.02219	0.65106	7.50E-01	0.04395	0.000112	0.012953	8.07E-01	0.738936	0.0378	9.13E-05	0.013757	0.790585
3512	477363.09	3849877.25	6.86425	8.3466	7.14827	9.25528	6.22E-01	0.03531	0.00013	0.02144	0.67893	7.85E-01	0.044567	0.000114	0.012514	8.42E-01	0.773942	0.038331	9.28E-05	0.013291	0.825656
3513	477863.09	3849877.25	7.37246	9.4254	8.30792	9.20055	6.68E-01	0.03987	0.00016	0.02131	0.72945	8.43E-01	0.050327	0.000132	0.01244	9.06E-01	0.831242	0.043285	0.000108	0.013212	0.887848
3514	478363.09	3849877.25	7.11224	8.65069	7.82751	7.99937	6.45E-01	0.0366	0.00015	0.01853	0.6998	8.13E-01	0.046191	0.000124	0.010816	8.71E-01	0.801903	0.039727	0.000102	0.011488	0.853219
3515	478863.09	3849877.25	9.78518	12.23667	10.80305	11.0738	8.87E-01	0.05177	0.0002	0.02565	0.96437	1.12E+00	0.065338	0.000172	0.014973	1.20E+00	1.103276	0.056195	0.00014	0.015903	1.175514
3516	479363.09	3849877.25	11.5916	14.23251	14.31509	10.89652	1.05E+00	0.06021	0.00027	0.02524	1.13617	1.33E+00	0.075995	0.000228	0.014733	1.42E+00	1.306949	0.065361	0.000186	0.015648	1.388144
3517	479863.09	3849877.25	10.26389	13.26412	12.4856	10.36845	9.30E-01	0.05611	0.00023	0.02402	1.0105	1.17E+00	0.070824	0.000198	0.014019	1.26E+00	1.15725	0.060914	0.000162	0.01489	1.233216
3518	480363.09	3849877.25	9.29653	8.77445	11.71021	6.96869	8.42E-01	0.03712	0.00022	0.01614	0.89595	1.06E+00	0.046851	0.000186	0.009422	1.12E+00	1.048181	0.040296	0.000152	0.010007	1.098636
3519	480863.09	3849877.25	5.71334	6.68699	7.51746	3.81285	5.18E-01	0.02829	0.00014	0.00883	0.55502	6.53E-01	0.035705	0.000119	0.005155	6.94E-01	0.644177	0.030709	9.76E-05	0.005475	0.680459
3520	481363.09	3849877.25	4.72689	5.87477	6.27847	3.49253	4.28E-01	0.02485	0.00012	0.00809	0.46142	5.41E-01	0.031368	9.98E-05	0.004722	5.77E-01	0.532955	0.026979	8.15E-05	0.005015	0.565031
3521	481863.09	3849877.25	2.03246	2.84095	2.74576	1.78827	1.84E-01	0.01202	5.1E-05	0.00414	0.2004	2.32E-01	0.015169	4.36E-05	0.002418	2.50E-01	0.229159	0.013047	3.56E-05	0.002568	0.24481
3522	482363.09	3849877.25	1.17526	2.06775	1.53555	1.40622	1.07E-01	0.00875	2.9E-05	0.00326	0.11854	1.34E-01	0.011041	2.44E-05	0.001901	1.47E-01	0.13251	0.009496	1.99E-05	0.002019	0.144045
3523	482863.09	3849877.25	1.05056	1.8756	1.29893	1.11884	9.52E-02	0.00793	2.4E-05	0.00259	0.10575	1.20E-01	0.010015	2.06E-05	0.001513	1.32E-01	0.11845	0.008613	1.69E-05	0.001607	0.128687
3524	483363.09	3849877.25	1.11133	1.61912	1.39821	1.12185	1.01E-01	0.00685	2.6E-05	0.0026	0.11019	1.27E-01	0.008645	2.22E-05	0.001517	1.37E-01	0.125302	0.007436	1.81E-05	0.001611	0.134367
3525	483863.09	3849877.25	1.30931	1.97853	1.6864	1.077	1.19E-01	0.00837	3.2E-05	0.00249	0.12955	1.50E-01	0.010564	2.68E-05	0.001456	1.62E-01	0.147624	0.009086	2.19E-05	0.001547	0.158279
3526	484363.09	3849877.25	1.45302	2.23256	1.92984	1.83442	1.32E-01	0.00944	3.6E-05	0.00425	0.14541	1.66E-01	0.011921	3.07E-05	0.00248	1.81E-01	0.163828	0.010253	2.51E-05	0.002634	0.17674
3527	484863.09	3849877.25	1.50886	3.62131	2.00028	1.74891	1.37E-01	0.01532	3.7E-05	0.00405	0.15614	1.73E-01	0.019336	3.18E-05	0.002365	1.94E-01	0.170123	0.01663	2.6E-05	0.002512	0.189291
3528	485363.09	3849877.25	1.36354	2.35479	1.91054	1.5716	1.24E-01	0.00996	3.6E-05	0.00364	0.1372	1.56E-01	0.012573	3.04E-05	0.002125	1.71E-01	0.153739	0.010814	2.48E-05	0.002257	0.166834
3529	485863.09	3849877.25	1.1098	2.02402	1.43013	1.51274	1.01E-01	0.00856	2.7E-05	0.0035	0.11267	1.27E-01	0.010807	2.27E-05	0.002045	1.40E-01	0.12513	0.009295	1.86E-05	0.002172	0.136616
3530	486363.09	3849877.25	0.908	2.62903	1.11293	1.49608	8.23E-02	0.01112	2.1E-05	0.00347	0.09689	1.04E-01	0.014038	1.77E-05	0.002023	1.20E-01	0.102377	0.012073	1.44E-05	0.002148	0.116613
3531	486863.09	3849877.25	0.92056	1.63027	1.29227	1.29856	8.34E-02	0.0069	2.4E-05	0.00301	0.09335	1.05E-01	0.008705	2.05E-05	0.001756	1.16E-01	0.103793	0.007487	1.68E-05	0.001865	0.113161
3532	487363.09	3849877.25	0.80224	2.04188	1.0045	0.98032	7.27E-02	0.00864	1.9E-05	0.00227	0.08363	9.18E-02	0.010903	1.6E-05	0.001325	1.04E-01	0.090452	0.009377	1.3E-05	0.001408	0.10125
3533	487863.09	3849877.25	0.78306	2.19137	1.04192	0.88931	7.10E-02	0.00927	2E-05	0.00206	0.08231	8.96E-02	0.011701	1.66E-05	0.001202	1.02E-01	0.08829	0.010064	1.35E-05	0.001277	0.099644
3534	488363.09	3849877.25	0.87423	2.88884	1.0088	0.83153	7.92E-02	0.01222	1.9E-05	0.00193	0.09339	1.00E-01	0.015425	1.6E-05	0.001124	1.17E-01	0.098569	0.013267	1.31E-05	0.001194	0.113043

3535	488863.09	3849877.25	0.91077	1.84513	1.19424	0.83357		8.25E-02	0.00781	2.2E-05	0.00193	0.09229		1.04E-01	0.009852	1.9E-05	0.001127	1.15E-01		0.102689	0.008474	1.55E-05	0.001197	0.112375
3536	489363.09	3849877.25	0.8929	1.71673	1.17756	0.99481		8.09E-02	0.00726	2.2E-05	0.0023	0.09051		1.02E-01	0.009167	1.87E-05	0.001345	1.13E-01		0.100674	0.007884	1.53E-05	0.001423	0.110002
3537	489863.09	3849877.25	0.8743	1.53807	1.18892	1.07686		7.92E-02	0.00651	2.2E-05	0.00249	0.08825		1.00E-01	0.008213	1.89E-05	0.001456	1.10E-01		0.098577	0.007063	1.54E-05	0.001546	0.107202
3538	490363.09	3849877.25	0.7925	1.09149	1.06593	1.02372		7.18E-02	0.00462	2E-05	0.00237	0.07883		9.06E-02	0.005828	1.69E-05	0.001384	9.79E-02		0.089354	0.005013	1.38E-05	0.00147	0.095851
3539	490863.09	3849877.25	0.75351	1.15441	1.02876	1.0007		6.83E-02	0.00488	1.9E-05	0.00232	0.07551		8.62E-02	0.006164	1.64E-05	0.001353	9.37E-02		0.084958	0.005301	1.34E-05	0.001437	0.09171
3540	491363.09	3849877.25	0.73338	1.09791	1.0192	0.98823		6.65E-02	0.00464	1.9E-05	0.00229	0.07341		8.39E-02	0.005862	1.62E-05	0.001336	9.11E-02		0.082688	0.005042	1.32E-05	0.001419	0.089163
3541	491863.09	3849877.25	0.64093	0.84891	0.87	0.9655		5.81E-02	0.00359	1.6E-05	0.00224	0.06393		7.33E-02	0.004533	1.38E-05	0.001305	7.92E-02		0.072265	0.003899	1.13E-05	0.001387	0.077561
3542	492363.09	3849877.25	0.59144	1.1927	0.77476	0.93511		5.36E-02	0.00505	1.5E-05	0.00217	0.06082		6.76E-02	0.006368	1.23E-05	0.001264	7.53E-02		0.066685	0.005477	1.01E-05	0.001343	0.073515
3543	492863.09	3849877.25	0.51257	1.55271	0.61396	0.8917		4.65E-02	0.00657	1.1E-05	0.00207	0.0551		5.86E-02	0.008291	9.76E-06	0.001206	6.81E-02		0.057792	0.007131	7.97E-06	0.001281	0.066211
3544	493363.09	3849877.25	0.40779	1.23136	0.49004	0.82496		3.70E-02	0.00521	9.2E-06	0.00191	0.04408		4.66E-02	0.006575	7.79E-06	0.001115	5.43E-02		0.045978	0.005655	6.36E-06	0.001185	0.052824
3545	493863.09	3849877.25	0.39174	0.78478	0.46369	0.71226		3.55E-02	0.00332	8.7E-06	0.00165	0.04048		4.48E-02	0.00419	7.37E-06	0.000963	5.00E-02		0.044169	0.003604	6.02E-06	0.001023	0.048801
3546	494363.09	3849877.25	0.49196	1.30566	0.59408	0.54106		4.46E-02	0.00552	1.1E-05	0.00125	0.05137		5.63E-02	0.006972	9.44E-06	0.000732	6.40E-02		0.055468	0.005996	7.71E-06	0.000777	0.062249
3547	494863.09	3849877.25	0.57844	1.54591	0.6247	0.60037		5.24E-02	0.00654	1.2E-05	0.00139	0.06036		6.62E-02	0.008254	9.93E-06	0.000812	7.52E-02		0.065219	0.007099	8.11E-06	0.000862	0.073189
3548	495363.09	3849877.25	0.57334	1.35169	0.63429	0.47849		5.20E-02	0.00572	1.2E-05	0.00111	0.0588		6.56E-02	0.007217	1.01E-05	0.000647	7.35E-02		0.064644	0.006207	8.23E-06	0.000687	0.071547
3549	495863.09	3849877.25	0.63225	1.18505	0.7986	0.57307		5.73E-02	0.00501	1.5E-05	0.00133	0.06365		7.23E-02	0.006328	1.27E-05	0.000775	7.94E-02		0.071286	0.005442	1.04E-05	0.000823	0.077561
3550	496363.09	3849877.25	0.65327	1.0038	0.86959	0.65325		5.92E-02	0.00425	1.6E-05	0.00151	0.06498		7.47E-02	0.00536	1.38E-05	0.000883	8.10E-02		0.073656	0.00461	1.13E-05	0.000938	0.079215
3551	496863.09	3849877.25	0.6591	0.90965	0.90781	0.7608		5.97E-02	0.00385	1.7E-05	0.00176	0.06536		7.54E-02	0.004857	1.44E-05	0.001029	8.13E-02		0.074313	0.004177	1.18E-05	0.001093	0.079595
3552	497363.09	3849877.25	0.7168	1.04324	0.99938	0.8772		6.50E-02	0.00441	1.9E-05	0.00203	0.07142		8.20E-02	0.00557	1.59E-05	0.001186	8.88E-02		0.080819	0.004791	1.3E-05	0.00126	0.086883
3553	497863.09	3849877.25	0.74701	0.89343	1.05241	0.92767		6.77E-02	0.00378	2E-05	0.00215	0.07364		8.54E-02	0.00477	1.67E-05	0.001254	9.15E-02		0.084225	0.004103	1.37E-05	0.001332	0.089674
3554	498363.09	3849877.25	0.70807	0.72713	0.99069	0.91971		6.42E-02	0.00308	1.9E-05	0.00213	0.06939		8.10E-02	0.003883	1.57E-05	0.001244	8.61E-02		0.079835	0.003339	1.29E-05	0.001321	0.084508
3555	471363.09	3850377.25	1.84122	2.37281	2.50112	1.47784		1.67E-01	0.01004	4.7E-05	0.00342	0.18036		2.11E-01	0.01267	3.98E-05	0.001998	2.25E-01		0.207597	0.010897	3.25E-05	0.002122	0.220648
3556	471863.09	3850377.25	2.98309	3.56784	3.97176	2.56242		2.70E-01	0.01509	7.4E-05	0.00594	0.29144		3.41E-01	0.019051	6.31E-05	0.003465	3.64E-01		0.336342	0.016385	5.16E-05	0.00368	0.356459
3557	472363.09	3850377.25	3.5706	3.99247	4.80762	3.29243		3.24E-01	0.01689	9E-05	0.00763	0.34818		4.08E-01	0.021318	7.64E-05	0.004452	4.34E-01		0.402584	0.018335	6.24E-05	0.004728	0.425709
3558	472863.09	3850377.25	4.10702	4.42575	5.40926	4.6997		3.72E-01	0.01872	0.0001	0.01089	0.4019		4.70E-01	0.023631	8.6E-05	0.006355	5.00E-01		0.463065	0.020325	7.02E-05	0.006749	0.490209
3559	473363.09	3850377.25	4.55921	4.64513	5.826	4.55445		4.13E-01	0.01965	0.00011	0.01055	0.44347		5.21E-01	0.024803	9.26E-05	0.006158	5.53E-01		0.514049	0.021332	7.56E-05	0.00654	0.541998
3560	473863.09	3850377.25	4.33945	5.21205	5.0345	4.62783		3.93E-01	0.02205	9.4E-05	0.01072	0.42611		4.96E-01	0.02783	8E-05	0.006257	5.31E-01		0.489272	0.023936	6.53E-05	0.006646	0.519918
3561	474363.09	3850377.25	4.2645	5.48727	4.94531	6.30953		3.86E-01	0.02321	9.3E-05	0.01461	0.42438		4.88E-01	0.029299	7.86E-05	0.008531	5.26E-01		0.480821	0.0252	6.42E-05	0.009061	0.515146
3562	474863.09	3850377.25	5.03295	6.61327	6.0841	7.79523		4.56E-01	0.02798	0.00011	0.01806	0.50224		5.76E-01	0.035312	9.67E-05	0.01054	6.22E-01		0.567463	0.030371	7.9E-05	0.011194	0.609107
3563	475363.09	3850377.25	5.22444	7.09366	6.13561	8.38151		4.73E-01	0.03001	0.00011	0.01941	0.52299		5.98E-01	0.037877	9.75E-05	0.011333	6.47E-01		0.589054	0.032577	7.96E-05	0.012036	0.633746
3564	475863.09	3850377.25	5.45523	7.65375	6.09722	8.60921		4.94E-01	0.03238	0.00011	0.01994	0.5468		6.24E-01	0.040867	9.69E-05	0.011641	6.77E-01		0.615075	0.035149	7.91E-05	0.012363	0.662667
3565	476363.09	3850377.25	6.43647	9.21452	7.24186	10.51773		5.83E-01	0.03898	0.00014	0.02436	0.64677		7.36E-01	0.049201	0.000115	0.014221	8.00E-01		0.72571	0.042316	9.4E-05	0.015104	0.783224
3566	476863.09	3850377.25	6.73456	9.46964	7.67305	10.20834		6.10E-01	0.04006	0.00014	0.02364	0.67415		7.70E-01	0.050563	0.000122	0.013803	8.35E-01		0.759319	0.043488	9.96E-05	0.01466	0.817567
3567	477363.09	3850377.25	6.68612	8.77285	7.06848	9.74739		6.06E-01	0.03711	0.00013	0.02258	0.66573		7.65E-01	0.046843	0.000112	0.01318	8.25E-01		0.753858	0.040288	9.18E-05	0.013998	0.808235
3568	477863.09	3850377.25	7.33985	9.12913	8.01002	10.37783		6.65E-01	0.03862	0.00015	0.02404	0.72796		8.40E-01	0.048745	0.000127	0.014032	9.02E-01		0.827566	0.041924	0.000104	0.014903	0.884497
3569	478363.09	3850377.25	8.47979	10.22391	9.46694	11.19919		7.68E-01	0.04325	0.00018	0.02594	0.83783		9.70E-01	0.054591	0.00015	0.015143	1.04E+00		0.956093	0.046952	0.000123	0.016083	1.019251
3570	478863.09	3850377.25	6.91749	8.60875	7.56766	9.74939		6.27E-01	0.03642	0.00014	0.02258	0.68602		7.91E-01	0.045967	0.00012	0.013182	8.50E-01		0.779945	0.039535	9.82E-05	0.014001	0.833578
3571	479363.09	3850377.25	9.46279	11.75	9.83743	12.36154		8.58E-01	0.04971	0.00018	0.02863	0.93606		1.08E+00	0.062739	0.000156	0.016714	1.16E+00		1.066926	0.05396	0.000128	0.017752	1.138766
3572	479863.09	3850377.25	11.40216	14.59154	13.79567	13.38697		1.03E+00	0.06173	0.00026	0.03101	1.12628		1.30E+00	0.077912	0.000219	0.018101	1.40E+00		1.28559	0.06701	0.000179	0.019224	1.372003
3573	480363.09	3850377.25	11.35334	14.17329	13.80296	11.29546		1.03E+00	0.05996	0.00026	0.02616	1.11524		1.30E+00	0.075679	0.000219	0.015273	1.39E+00		1.280085	0.065089	0.000179	0.016221	1.361574
3574	480863.09	3850377.25	10.47961	11.24021	13.03305	10.28066		9.50E-01	0.04755	0.00024	0.02381	1.02129		1.20E+00	0.060017	0.000207	0.013901	1.27E+00		1.181572	0.051619	0.000169	0.014764	1.248124
3575	481363.09	3850377.25	5.62128	6.82253	7.75723	3.78501		5.09E-01	0.02886	0.00015	0.00877	0.54719		6.43E-01	0.036429	0.000123	0.005118	6.85E-01		0.633797	0.031332	0.000101	0.005435	0.670665
3576	481863.09	3850377.25	4.74023	5.96385	6.37151	3.57402		4.30E-01	0.02523	0.00012	0.00828	0.4632		5.42E-01	0.031844	0.000101	0.004832	5.79E-01		0.534459	0.027388	8.27E-05	0.005132	0.567063
3577	482363.09	3850377.25	3.22582	4.59852	4.3342	2.73479		2.92E-01	0.01945	8.1E-05	0.00633	0.3182		3.69E-01	0.024554	6.89E-05	0.003698	3.97E-01		0.36371	0.021118	5.63E-05	0.003927	0.388812
3578	482863.09	3850377.25	1.64761	3.07542	2.17865	1.40486		1.49E-01	0.01301	4.1E-05	0.00325	0.16562		1.88E-01	0.016421	3.46E-05	0.0019	2.07E-01		0.185767	0.014123	2.83E-05	0.002017	0.201937
3579	483363.09	3850377.25	1.28288	1.99997	1.63739	1.29221		1.16E-01	0.00846	3.1E-05	0.00299	0.12774		1.47E-01	0.010679	2.6E-05	0.001747	1.59E-01		0.144644	0.009185	2.13E-05	0.001856	0.155706
3580	483863.09	3850377.25	1.56003	2.85216	2.01882	1.44792		1.41E-01	0.01207	3.8E-05	0.00335	0.15683		1.78E-01	0.015229	3.21E-05	0.001958	1.96E-01		0.175893	0.013098	2.62E-05	0.002079	0.191097
3581	484363.09	3850377.25	1.77797	2.89439	2.46772	1.85882		1.61E-01	0.01224	4.6E-05	0.00431	0.17772		2.03E-01	0.015455	3.92E-05	0.002513	2.21E-01		0.200466	0.013292	3.2E-05	0.002669	0.216459
3582	484863.09	3850377.25	1.79091	4.19504	2.30384	2.04237		1.62E-01	0.01775	4.3E-05	0.00473	0.18482		2.05E-01	0.0224	3.66E-05	0.002762	2.30E-01		0.201924	0.019265	2.99E-05	0.002933	0.224153
3583	485363.09	3850377.25	1.55704	3.33204	2.21198	1.66615		1.41E-01	0.0141	4.1E-05	0.00386	0.1591		1.78E-01	0.017791	3.52E-05	0.002253	1.98E-01		0.175556	0.015302	2.87E-05	0.002393	0.193279
3584	485863.09	3850377.25	1.3367	2.75727	1.81098	1.53104		1.21E-01	0.01166	3.4E-05	0.00355	0.13638		1.53E-01	0.014723	2.88E-05	0.00207	1.70E-01		0.150712	0.012662	2.35E-05	0.002199	0.165597
3585	486363.09	3850377.25	1.15162	3.45808	1.47663	1.50967		1.04E-01	0.01463	2.8E-05	0.0035	0.12252		1.32E-01	0.018464	2.35E-05	0.002041	1.52E-01		0.129845	0.015881	1.92E-05	0.002168	0.147913
3586	486863.09	3850377.25	1.02503	2.42829	1.42934	1.34642		9.29E-02	0.01027	2.7E-05	0.00312	0.10631		1.17E-01	0.012966	2.27E-05	0.001821	1.32E-01		0.115572	0.011152	1.86E-05	0.001934	0.128675
3587	487363.09	3850377.25	0.93232	2.6955	1.1844	1.13061		8.45E-02	0.0114	2.2E-05	0.00262	0.09853		1.07E-01	0.014393	1.88E-05	0.001529	1.23E-01		0.105119	0.012379	1.54E-05	0.001624	0.119136
3588	487863.09	3850377.25	0.92259	3.36144	1.10877	1.06244		8.36E-02	0.01422	2.1E-05	0.00246	0.10031		1.06E-01	0.017948	1.76E-05	0.001437	1.25E-01		0.104022	0.015437	1.44E-05	0.001526	0.120999
3589	488363.09	3850377.25	0.95355	2.40385	1.2363	0.9252		8.64E-02	0.01017	2.3E-05	0.00214	0.09875		1.09E-01	0.012835	1.96E-05	0.001251	1.23E-01		0.107512	0.011039	1.6E-05	0.001329	0.119896
3590	488863.09	3850377.25	0.93486	1.78925	1.28183	0.97925		8.47E-02	0.00757	2.4E-05	0.00227	0.09458		1.07E-01	0.009554	2.04E-05	0.001324	1.18E-01		0.105405	0.008217	1.66E-05	0.001406	0.115045
3591	489363.09	3850377.25	0.92211	1.90046	1.23158	1.08413		8.36E-02	0.00804	2.3E-05	0.00251	0.09414		1.05E-01	0.010148	1.96E-05	0.001466	1.17E-01		0.103968	0.008728	1.6E-05	0.001557	0.114268
3592	489863.09	3850377.25	0.90752	1.38333	1.25356	1.1218		8.22E-02	0.00585	2.3E-05	0.0026	0.09072		1.04E-01	0.007386	1.99E-05	0.001517	1.13E-01		0.102323	0.006353	1.63E-05	0.001611	0.110303
3593	490363.09	3850377.25	0.8769	1.37915	1.22658	1.16577		7.95E-02	0.00583	2.3E-05	0.0027	0.08802		1.00E-01	0.007364	1.95E-05	0.001576	1.09E-01		0.09887	0.006334	1.59E-05	0.001674	0.106894
3594	490863.09	3850377.25	0.8335	1.24463	1.16462	1.06708		7.55E-02	0.00527	2.2E-05	0.00247	0.08329		9.53E-02	0.006646	1.85E-05	0.001443	1.03E-01		0.093977	0.005716	1.51E-05	0.001532	0.10124
3595	491363.09	3850377.25	0.74477	1.19755	1.03448	0.97387		6.75E-02	0.00507	1.9E-05	0.00226	0.07483		8.52E-02	0.006394	1.64E-05	0.001317	9.29E-02		0.083973	0.0055	1.34E-05	0.001399	0.090884

3596	491863.09	3850377.25	0.68364	1.22398	0.93774	0.94622	6.20E-02	0.00518	1.8E-05	0.00219	0.06934	7.82E-02	0.006535	1.49E-05	0.001279	8.60E-02	0.07708	0.005621	1.22E-05	0.001359	0.084072
3597	492363.09	3850377.25	0.56597	1.59663	0.70975	0.91948	5.13E-02	0.00675	1.3E-05	0.00213	0.06019	6.47E-02	0.008525	1.13E-05	0.001243	7.45E-02	0.063813	0.007332	9.21E-06	0.00132	0.072475
3598	492863.09	3850377.25	0.49209	1.56497	0.62062	0.87519	4.46E-02	0.00662	1.2E-05	0.00203	0.05325	5.63E-02	0.008356	9.86E-06	0.001183	6.58E-02	0.055483	0.007187	8.06E-06	0.001257	0.063935
3599	493363.09	3850377.25	0.4923	1.39055	0.59943	0.75286	4.46E-02	0.00588	1.1E-05	0.00174	0.05225	5.63E-02	0.007425	9.53E-06	0.001018	6.48E-02	0.055507	0.006386	7.78E-06	0.001081	0.062982
3600	493863.09	3850377.25	0.57049	1.61804	0.61465	0.60639	5.17E-02	0.00685	1.2E-05	0.0014	0.05996	6.53E-02	0.00864	9.77E-06	0.00082	7.47E-02	0.064323	0.007431	7.98E-06	0.000871	0.072632
3601	494363.09	3850377.25	0.62241	1.4596	0.72529	0.60065	5.64E-02	0.00617	1.4E-05	0.00139	0.06398	7.12E-02	0.007794	1.15E-05	0.000812	7.98E-02	0.070177	0.006703	9.41E-06	0.000863	0.077752
3602	494863.09	3850377.25	0.67261	1.377	0.85455	0.59165	6.10E-02	0.00583	1.6E-05	0.00137	0.06817	7.69E-02	0.007353	1.36E-05	0.0008	8.51E-02	0.075837	0.006324	1.11E-05	0.00085	0.083021
3603	495363.09	3850377.25	0.72298	1.02539	0.97402	0.71577	6.55E-02	0.00434	1.8E-05	0.00166	0.07153	8.27E-02	0.005475	1.55E-05	0.000968	8.92E-02	0.081516	0.004709	1.26E-05	0.001028	0.087265
3604	495863.09	3850377.25	0.6836	0.97119	0.9478	0.79845	6.19E-02	0.00411	1.8E-05	0.00185	0.06793	7.82E-02	0.005186	1.51E-05	0.00108	8.45E-02	0.077076	0.00446	1.23E-05	0.001147	0.082695
3605	496363.09	3850377.25	0.7199	1.14921	1.00631	0.88951	6.52E-02	0.00486	1.9E-05	0.00206	0.07218	8.23E-02	0.006136	1.6E-05	0.001203	8.97E-02	0.081168	0.005278	1.31E-05	0.001277	0.087737
3606	496863.09	3850377.25	0.79342	1.15899	1.07976	0.94152	7.19E-02	0.0049	2E-05	0.00218	0.07901	9.08E-02	0.006188	1.72E-05	0.001273	9.82E-02	0.089458	0.005323	1.4E-05	0.001352	0.096146
3607	497363.09	3850377.25	0.80084	0.87999	1.09574	0.95116	7.26E-02	0.00372	2.1E-05	0.0022	0.07852	9.16E-02	0.004699	1.74E-05	0.001286	9.76E-02	0.090294	0.004041	1.42E-05	0.001366	0.095716
3608	497863.09	3850377.25	0.76526	0.93853	1.05369	0.93655	6.93E-02	0.00397	2E-05	0.00217	0.07551	8.75E-02	0.005011	1.67E-05	0.001266	9.38E-02	0.086283	0.00431	1.37E-05	0.001345	0.091951
3609	498363.09	3850377.25	0.72249	1.0211	1.01136	0.91888	6.55E-02	0.00432	1.9E-05	0.00213	0.07194	8.26E-02	0.005452	1.61E-05	0.001242	8.93E-02	0.081461	0.004689	1.31E-05	0.00132	0.087482
3610	471363.09	3850877.25	2.35941	3.25942	2.91118	1.72378	2.14E-01	0.01379	5.4E-05	0.00399	0.23165	2.70E-01	0.017404	4.63E-05	0.002331	2.90E-01	0.266023	0.014968	3.78E-05	0.002475	0.283504
3611	471863.09	3850877.25	2.63097	3.86478	3.45888	2.11145	2.38E-01	0.01635	6.5E-05	0.00489	0.25973	3.01E-01	0.020636	5.5E-05	0.002855	3.24E-01	0.296641	0.017749	4.49E-05	0.003032	0.317467
3612	472363.09	3850877.25	3.13898	4.11518	4.14346	2.8205	2.84E-01	0.01741	7.8E-05	0.00653	0.30848	3.59E-01	0.021973	6.59E-05	0.003814	3.85E-01	0.353919	0.018898	5.38E-05	0.00405	0.376922
3613	472863.09	3850877.25	3.68064	4.64222	4.67382	3.84223	3.34E-01	0.01964	8.7E-05	0.0089	0.36217	4.21E-01	0.024787	7.43E-05	0.005195	4.51E-01	0.414991	0.021319	6.07E-05	0.005518	0.441888
3614	473363.09	3850877.25	3.89473	4.65316	5.22284	3.67152	3.53E-01	0.01969	9.8E-05	0.0085	0.38124	4.45E-01	0.024846	8.3E-05	0.004964	4.75E-01	0.439129	0.021369	6.78E-05	0.005272	0.465839
3615	473863.09	3850877.25	4.36928	4.78841	5.8387	4.76809	3.96E-01	0.02026	0.00011	0.01104	0.42736	5.00E-01	0.025568	9.28E-05	0.006447	5.32E-01	0.492635	0.02199	7.58E-05	0.006847	0.521548
3616	474363.09	3850877.25	4.63995	5.03201	5.99785	5.55654	4.20E-01	0.02129	0.00011	0.01287	0.45475	5.31E-01	0.026869	9.53E-05	0.007513	5.65E-01	0.523153	0.023109	7.79E-05	0.007979	0.554319
3617	474863.09	3850877.25	4.45509	5.51979	5.31885	5.40226	4.04E-01	0.02335	1E-04	0.01251	0.43969	5.10E-01	0.029473	8.45E-05	0.007304	5.46E-01	0.50231	0.025349	6.9E-05	0.007758	0.535486
3618	475363.09	3850877.25	4.50159	6.14365	5.28344	7.11861	4.08E-01	0.02599	9.9E-05	0.01649	0.45052	5.15E-01	0.032804	8.4E-05	0.009625	5.57E-01	0.507553	0.028214	6.86E-05	0.010223	0.546058
3619	475863.09	3850877.25	5.21822	7.19022	6.27644	8.82088	4.73E-01	0.03042	0.00012	0.02043	0.52385	5.97E-01	0.038392	9.98E-05	0.011927	6.47E-01	0.588353	0.03302	8.15E-05	0.012667	0.634121
3620	476363.09	3850877.25	5.54654	7.80787	6.54135	9.26033	5.03E-01	0.03303	0.00012	0.02145	0.55724	6.34E-01	0.04169	0.000104	0.012521	6.89E-01	0.62537	0.035857	8.49E-05	0.013298	0.67461
3621	476863.09	3850877.25	6.08766	8.59208	6.60414	10.63783	5.52E-01	0.03635	0.00012	0.02464	0.61279	6.96E-01	0.045878	0.000105	0.014384	7.57E-01	0.686382	0.039458	8.57E-05	0.015276	0.741202
3622	477363.09	3850877.25	7.067	10.26063	7.89164	12.03228	6.40E-01	0.04341	0.00015	0.02787	0.71185	8.08E-01	0.054787	0.000125	0.016269	8.79E-01	0.796802	0.047121	0.000102	0.017279	0.861304
3623	477863.09	3850877.25	7.08251	10.18908	7.83671	10.11312	6.42E-01	0.04311	0.00015	0.02342	0.70851	8.10E-01	0.054405	0.000125	0.013674	8.78E-01	0.798551	0.046792	0.000102	0.014523	0.859967
3624	478363.09	3850877.25	8.0346	10.37393	8.74409	11.84914	7.28E-01	0.04389	0.00016	0.02744	0.79961	9.19E-01	0.055392	0.000139	0.016021	9.91E-01	0.905898	0.047641	0.000114	0.017016	0.970669
3625	478863.09	3850877.25	8.55454	10.80407	9.28287	12.50329	7.75E-01	0.04571	0.00017	0.02896	0.85007	9.78E-01	0.057689	0.000148	0.016906	1.05E+00	0.964521	0.049616	0.00012	0.017955	1.032214
3626	479363.09	3850877.25	7.82575	9.89573	8.32876	11.23856	7.09E-01	0.04186	0.00016	0.02603	0.77724	8.95E-01	0.052838	0.000132	0.015196	9.63E-01	0.882351	0.045445	0.000108	0.016139	0.944043
3627	479863.09	3850877.25	9.84348	12.04935	9.96099	12.2941	8.92E-01	0.05097	0.00019	0.02848	0.97167	1.13E+00	0.064338	0.000158	0.016623	1.21E+00	1.109849	0.055335	0.000129	0.017655	1.182968
3628	480363.09	3850877.25	10.07154	13.4246	11.64371	16.42871	9.13E-01	0.05679	0.00022	0.03805	1.00777	1.15E+00	0.071681	0.000185	0.022213	1.25E+00	1.135563	0.061651	0.000151	0.023592	1.220957
3629	480863.09	3850877.25	10.84496	14.14617	12.88435	15.41002	9.83E-01	0.05985	0.00024	0.03569	1.07857	1.24E+00	0.075534	0.000205	0.020836	1.34E+00	1.222766	0.064964	0.000167	0.02213	1.310027
3630	481363.09	3850877.25	10.70935	12.52296	13.05872	12.30206	9.71E-01	0.05298	0.00024	0.02849	1.05222	1.22E+00	0.066867	0.000208	0.016634	1.31E+00	1.207476	0.05751	0.00017	0.017666	1.282822
3631	481863.09	3850877.25	8.78716	13.46504	11.94445	6.36416	7.96E-01	0.05696	0.00022	0.01474	0.86824	1.01E+00	0.071897	0.00019	0.008605	1.09E+00	0.990749	0.061836	0.000155	0.009139	1.06188
3632	482363.09	3850877.25	5.56865	8.29831	7.47842	3.94672	5.05E-01	0.03511	0.00014	0.00914	0.54903	6.37E-01	0.044309	0.000119	0.005336	6.87E-01	0.627863	0.038109	9.71E-05	0.005668	0.671737
3633	482863.09	3850877.25	3.35229	5.44559	4.7311	2.6292	3.04E-01	0.02304	8.9E-05	0.00609	0.33301	3.83E-01	0.029077	7.52E-05	0.003555	4.16E-01	0.37797	0.025008	6.14E-05	0.003776	0.406815
3634	483363.09	3850877.25	2.16655	3.03774	2.988	1.74023	1.96E-01	0.01285	5.6E-05	0.00403	0.21328	2.48E-01	0.01622	4.75E-05	0.002353	2.66E-01	0.244278	0.01395	3.88E-05	0.002499	0.260766
3635	483863.09	3850877.25	1.93573	4.3384	2.47912	1.64618	1.75E-01	0.01835	4.6E-05	0.00381	0.19763	2.21E-01	0.023165	3.94E-05	0.002226	2.47E-01	0.218253	0.019924	3.22E-05	0.002364	0.240573
3636	484363.09	3850877.25	2.43805	3.89499	3.31433	2.10058	2.21E-01	0.01648	6.2E-05	0.00487	0.24235	2.79E-01	0.020797	5.27E-05	0.00284	3.03E-01	0.274889	0.017887	4.3E-05	0.003017	0.295836
3637	484863.09	3850877.25	2.16112	4.1959	2.73601	2.12206	1.96E-01	0.01775	5.1E-05	0.00492	0.21856	2.47E-01	0.022404	4.35E-05	0.002869	2.73E-01	0.243666	0.019269	3.55E-05	0.003047	0.266018
3638	485363.09	3850877.25	1.85409	4.41332	2.64166	1.83508	1.68E-01	0.01867	4.9E-05	0.00425	0.19099	2.12E-01	0.023565	4.2E-05	0.002481	2.38E-01	0.209048	0.020268	3.43E-05	0.002635	0.231985
3639	485863.09	3850877.25	1.44062	3.01129	1.99113	1.56222	1.31E-01	0.01274	3.7E-05	0.00362	0.14695	1.65E-01	0.016079	3.16E-05	0.002112	1.83E-01	0.162429	0.013829	2.58E-05	0.002243	0.178528
3640	486363.09	3850877.25	1.33411	4.1492	1.73005	1.51558	1.21E-01	0.01755	3.2E-05	0.00351	0.142	1.53E-01	0.022155	2.75E-05	0.002049	1.77E-01	0.15042	0.019055	2.25E-05	0.002176	0.171674
3641	486863.09	3850877.25	1.14453	3.07119	1.61982	1.38792	1.04E-01	0.01299	3E-05	0.00321	0.11996	1.31E-01	0.016399	2.57E-05	0.001877	1.49E-01	0.129045	0.014104	2.1E-05	0.001993	0.145164
3642	487363.09	3850877.25	1.09672	3.63345	1.30721	1.13083	9.94E-02	0.01537	2.4E-05	0.00262	0.1174	1.25E-01	0.019401	2.08E-05	0.001529	1.46E-01	0.123655	0.016686	1.7E-05	0.001624	0.141982
3643	487863.09	3850877.25	1.05627	3.10967	1.2725	1.11158	9.57E-02	0.01316	2.4E-05	0.00257	0.11148	1.21E-01	0.016604	2.02E-05	0.001503	1.39E-01	0.119094	0.014281	1.65E-05	0.001596	0.134988
3644	488363.09	3850877.25	0.99781	2.25162	1.37505	1.17735	9.04E-02	0.00953	2.6E-05	0.00273	0.1027	1.14E-01	0.012023	2.19E-05	0.001592	1.28E-01	0.112503	0.01034	1.78E-05	0.001691	0.124552
3645	488863.09	3850877.25	0.96792	2.12007	1.31451	1.41497	8.77E-02	0.00897	2.5E-05	0.00328	0.09999	1.11E-01	0.01132	2.09E-05	0.001913	1.24E-01	0.109133	0.009736	1.71E-05	0.002032	0.120918
3646	489363.09	3850877.25	0.9401	2.12114	1.29879	1.40522	8.52E-02	0.00897	2.4E-05	0.00325	0.09745	1.08E-01	0.011326	2.06E-05	0.0019	1.21E-01	0.105996	0.009741	1.69E-05	0.002018	0.117772
3647	489863.09	3850877.25	0.91845	1.76198	1.27432	1.17467	8.32E-02	0.00745	2.4E-05	0.00272	0.09343	1.05E-01	0.009408	2.03E-05	0.001588	1.16E-01	0.103555	0.008092	1.65E-05	0.001687	0.11335
3648	490363.09	3850877.25	0.9095	1.41983	1.26069	1.16647	8.24E-02	0.00601	2.4E-05	0.0027	0.09115	1.04E-01	0.007581	2E-05	0.001577	1.13E-01	0.102546	0.00652	1.64E-05	0.001675	0.110758
3649	490863.09	3850877.25	0.89051	1.62993	1.22948	1.14384	8.07E-02	0.0069	2.3E-05	0.00265	0.09027	1.02E-01	0.008703	1.95E-05	0.001547	1.12E-01	0.100405	0.007485	1.6E-05	0.001643	0.109549
3650	491363.09	3850877.25	0.80982	1.58318	1.11208	1.02589	7.34E-02	0.0067	2.1E-05	0.00238	0.08248	9.26E-02	0.008453	1.77E-05	0.001387	1.02E-01	0.091307	0.007271	1.44E-05	0.001473	0.100065
3651	491863.09	3850877.25	0.69752	1.72432	0.88387	0.94415	6.32E-02	0.00729	1.7E-05	0.00219	0.07271	7.98E-02	0.009207	1.4E-05	0.001277	9.03E-02	0.078645	0.007919	1.15E-05	0.001356	0.087931
3652	492363.09	3850877.25	0.68405	2.25227	0.77074	0.91445	6.20E-02	0.00953	1.4E-05	0.00212	0.07365	7.82E-02	0.012026	1.22E-05	0.001236	9.15E-02	0.077126	0.010343	1E-05	0.001313	0.088793
3653	492863.09	3850877.25	0.64966	1.90099	0.68987	0.83759	5.89E-02	0.00804	1.3E-05	0.00194	0.06887	7.43E-02	0.01015	1.1E-05	0.001133	8.56E-02	0.073249	0.00873	8.95E-06	0.001203	0.083191
3654	493363.09	3850877.25	0.66439	1.59077	0.78897	0.7247	6.02E-02	0.00673	1.5E-05	0.00168	0.06863	7.60E-02	0.008494	1.25E-05	0.00098	8.55E-02	0.07491	0.007305	1.02E-05	0.001041	0.083266
3655	493863.09	3850877.25	0.7146	1.35335	0.92352	0.61141	6.48E-02	0.00573	1.7E-05	0.00142	0.07192	8.17E-02	0.007226	1.47E-05	0.000827	8.98E-02	0.080571	0.006215	1.2E-05	0.000878	0.087676
3656	494363.09	3850877.25	0.71463	0.95804	0.98137	0.72776	6.48E-02	0.00405	1.8E-05	0.00169	0.07052	8.17E-02	0.005115	1.56E-05	0.000984	8.79E-02	0.080574	0.0044	1.27E-05	0.001045	0.086032

3657	494863.09	3850877.25	0.74577	0.99941	1.03887	0.85355	6.76E-02	0.00423	1.9E-05	0.00198	0.07381	8.53E-02	0.005336	1.65E-05	0.001154	9.18E-02	0.084085	0.00459	1.35E-05	0.001226	0.089914
3658	495363.09	3850877.25	0.81843	1.33362	1.10441	0.92796	7.42E-02	0.00564	2.1E-05	0.00215	0.08198	9.36E-02	0.007121	1.76E-05	0.001255	1.02E-01	0.092278	0.006124	1.43E-05	0.001333	0.099749
3659	495863.09	3850877.25	0.80844	1.20392	1.10209	0.94407	7.33E-02	0.00509	2.1E-05	0.00219	0.08056	9.25E-02	0.006428	1.75E-05	0.001276	1.00E-01	0.091151	0.005529	1.43E-05	0.001356	0.09805
3660	496363.09	3850877.25	0.81586	1.11197	1.13222	0.96072	7.39E-02	0.0047	2.1E-05	0.00223	0.08089	9.33E-02	0.005937	1.8E-05	0.001299	1.01E-01	0.091988	0.005107	1.47E-05	0.00138	0.098489
3661	496863.09	3850877.25	0.83852	1.09365	1.17654	0.97133	7.60E-02	0.00463	2.2E-05	0.00225	0.08289	9.59E-02	0.00584	1.87E-05	0.001313	1.03E-01	0.094543	0.005022	1.53E-05	0.001395	0.100975
3662	497363.09	3850877.25	0.81709	1.21959	1.13657	0.95665	7.40E-02	0.00516	2.1E-05	0.00222	0.08144	9.35E-02	0.006512	1.81E-05	0.001293	1.01E-01	0.092127	0.005601	1.48E-05	0.001374	0.099116
3663	497863.09	3850877.25	0.76871	1.24139	1.07498	0.93562	6.97E-02	0.00525	2E-05	0.00217	0.0771	8.79E-02	0.006628	1.71E-05	0.001265	9.58E-02	0.086672	0.005701	1.4E-05	0.001344	0.09373
3664	498363.09	3850877.25	0.74614	1.2542	1.0262	0.90541	6.76E-02	0.00531	1.9E-05	0.0021	0.07504	8.53E-02	0.006697	1.63E-05	0.001224	9.33E-02	0.084127	0.00576	1.33E-05	0.0013	0.0912
3665	471363.09	3851377.25	2.38278	3.14484	3.15011	1.88567	2.16E-01	0.0133	5.9E-05	0.00437	0.23366	2.73E-01	0.016792	5.01E-05	0.00255	2.92E-01	0.268658	0.014442	4.09E-05	0.002708	0.285849
3666	471863.09	3851377.25	3.13974	3.56279	4.21747	2.50065	2.85E-01	0.01507	7.9E-05	0.00579	0.30547	3.59E-01	0.019024	6.7E-05	0.003381	3.82E-01	0.354005	0.016362	5.47E-05	0.003591	0.374012
3667	472363.09	3851377.25	3.31577	4.27426	4.18642	2.43506	3.00E-01	0.01808	7.8E-05	0.00564	0.32428	3.79E-01	0.022823	6.65E-05	0.003292	4.05E-01	0.373852	0.019629	5.43E-05	0.003497	0.397032
3668	472863.09	3851377.25	3.41515	4.82976	4.17975	2.52451	3.09E-01	0.02043	7.8E-05	0.00585	0.33585	3.91E-01	0.025789	6.64E-05	0.003413	4.20E-01	0.385057	0.02218	5.43E-05	0.003625	0.410917
3669	473363.09	3851377.25	2.96829	4.51681	3.86184	2.31177	2.69E-01	0.01911	7.2E-05	0.00535	0.29353	3.40E-01	0.024118	6.14E-05	0.003126	3.67E-01	0.334674	0.020743	5.01E-05	0.00332	0.358787
3670	473863.09	3851377.25	3.28476	4.35086	4.43624	2.64711	2.98E-01	0.01841	8.3E-05	0.00613	0.32229	3.76E-01	0.023232	7.05E-05	0.003579	4.03E-01	0.370356	0.019981	5.76E-05	0.003801	0.394195
3671	474363.09	3851377.25	4.2522	5.10221	5.56002	3.99562	3.85E-01	0.02158	0.0001	0.00925	0.41629	4.86E-01	0.027243	8.84E-05	0.005403	5.19E-01	0.479434	0.023431	7.22E-05	0.005738	0.508675
3672	474863.09	3851377.25	4.67652	5.4096	6.20523	5.42054	4.24E-01	0.02289	0.00012	0.01255	0.45935	5.35E-01	0.028885	9.86E-05	0.007329	5.71E-01	0.527276	0.024843	8.05E-05	0.007784	0.559984
3673	475363.09	3851377.25	5.04739	5.42076	6.59011	6.08917	4.57E-01	0.02293	0.00012	0.0141	0.49456	5.77E-01	0.028944	0.000105	0.008233	6.15E-01	0.569091	0.024894	8.55E-05	0.008744	0.602816
3674	475863.09	3851377.25	5.03793	6.07179	6.15412	5.99329	4.57E-01	0.02569	0.00012	0.01388	0.49623	5.76E-01	0.03242	9.78E-05	0.008104	6.17E-01	0.568025	0.027884	7.99E-05	0.008607	0.604595
3675	476363.09	3851377.25	5.09901	6.838	6.05044	7.86158	4.62E-01	0.02893	0.00011	0.01821	0.50933	5.83E-01	0.036512	9.62E-05	0.01063	6.30E-01	0.574912	0.031403	7.85E-05	0.01129	0.617682
3676	476863.09	3851377.25	6.55131	8.25557	7.99349	9.3529	5.94E-01	0.03493	0.00015	0.02166	0.65043	7.49E-01	0.044081	0.000127	0.012646	8.06E-01	0.738658	0.037913	0.000104	0.013431	0.790106
3677	477363.09	3851377.25	6.20014	8.98077	7.33088	10.32895	5.62E-01	0.03799	0.00014	0.02392	0.62392	7.09E-01	0.047953	0.000117	0.013966	7.71E-01	0.699064	0.041243	9.52E-05	0.014833	0.755235
3678	477863.09	3851377.25	7.04378	10.45991	7.85115	12.75579	6.38E-01	0.04425	0.00015	0.02954	0.71226	8.06E-01	0.055851	0.000125	0.017247	8.79E-01	0.794184	0.048036	0.000102	0.018318	0.860639
3679	478363.09	3851377.25	8.12024	11.8998	9.17829	12.8077	7.36E-01	0.05034	0.00017	0.02967	0.81605	9.29E-01	0.063539	0.000146	0.017317	1.01E+00	0.915554	0.054648	0.000119	0.018393	0.988714
3680	478863.09	3851377.25	8.38463	11.46492	9.13009	12.19783	7.60E-01	0.0485	0.00017	0.02825	0.83676	9.59E-01	0.061217	0.000145	0.016493	1.04E+00	0.945364	0.052651	0.000119	0.017517	1.015651
3681	479363.09	3851377.25	9.24592	11.81562	10.11035	12.99714	8.38E-01	0.04999	0.00019	0.0301	0.91816	1.06E+00	0.06309	0.000161	0.017574	1.14E+00	1.042474	0.054262	0.000131	0.018665	1.115532
3682	479863.09	3851377.25	9.10705	11.76117	10.17406	12.65616	8.25E-01	0.04976	0.00019	0.02931	0.90456	1.04E+00	0.062799	0.000162	0.017113	1.12E+00	1.026817	0.054012	0.000132	0.018175	1.099135
3683	480363.09	3851377.25	10.59434	13.99399	10.77607	14.07064	9.60E-01	0.0592	0.0002	0.03259	1.05208	1.21E+00	0.074721	0.000171	0.019025	1.31E+00	1.194508	0.064266	0.00014	0.020206	1.27912
3684	480863.09	3851377.25	9.7789	13.5145	11.63816	16.71011	8.86E-01	0.05717	0.00022	0.0387	0.98228	1.12E+00	0.072161	0.000185	0.022594	1.21E+00	1.102568	0.062064	0.000151	0.023997	1.188779
3685	481363.09	3851377.25	10.94322	14.708	13.28877	18.00221	9.92E-01	0.06222	0.00025	0.0417	1.09587	1.25E+00	0.078534	0.000211	0.024341	1.35E+00	1.233844	0.067545	0.000172	0.025852	1.327414
3686	481863.09	3851377.25	10.87828	13.47889	13.44069	12.89982	9.86E-01	0.05702	0.00025	0.02988	1.07297	1.24E+00	0.071971	0.000214	0.017442	1.33E+00	1.226522	0.0619	0.000174	0.018525	1.307122
3687	482363.09	3851377.25	9.61629	13.49387	12.84869	7.26002	8.71E-01	0.05709	0.00024	0.01682	0.94559	1.10E+00	0.072051	0.000204	0.009816	1.18E+00	1.084233	0.061969	0.000167	0.010426	1.156795
3688	482863.09	3851377.25	6.24732	9.30337	8.68104	4.07608	5.66E-01	0.03936	0.00016	0.00944	0.61511	7.15E-01	0.049676	0.000138	0.005511	7.70E-01	0.704383	0.042725	0.000113	0.005853	0.753074
3689	483363.09	3851377.25	3.32963	5.54608	4.56022	2.40287	3.02E-01	0.02346	8.5E-05	0.00557	0.33085	3.81E-01	0.029613	7.25E-05	0.003249	4.14E-01	0.375415	0.02547	5.92E-05	0.003451	0.404394
3690	483863.09	3851377.25	2.64415	5.17583	3.34253	2.01985	2.40E-01	0.0219	6.3E-05	0.00468	0.26626	3.02E-01	0.027636	5.31E-05	0.002731	3.33E-01	0.298127	0.023769	4.34E-05	0.002901	0.32484
3691	484363.09	3851377.25	3.45183	6.6842	4.74192	2.486	3.13E-01	0.02828	8.9E-05	0.00576	0.34694	3.95E-01	0.03569	7.54E-05	0.003361	4.34E-01	0.389193	0.030696	6.16E-05	0.00357	0.423521
3692	484863.09	3851377.25	2.0879	3.96814	2.77268	2.16886	1.89E-01	0.01679	5.2E-05	0.00502	0.21107	2.39E-01	0.021188	4.41E-05	0.002933	2.63E-01	0.23541	0.018223	3.6E-05	0.003115	0.256784
3693	485363.09	3851377.25	2.55196	6.55896	3.55873	2.31942	2.31E-01	0.02775	6.7E-05	0.00537	0.26445	2.92E-01	0.035022	5.66E-05	0.003136	3.30E-01	0.287733	0.030121	4.62E-05	0.003331	0.321231
3694	485863.09	3851377.25	1.7508	3.65786	2.45849	1.58581	1.59E-01	0.01547	4.6E-05	0.00367	0.17785	2.00E-01	0.019531	3.91E-05	0.002144	2.22E-01	0.197402	0.016798	3.19E-05	0.002277	0.21651
3695	486363.09	3851377.25	1.66867	5.20605	2.25392	1.72914	1.51E-01	0.02202	4.2E-05	0.00401	0.17729	1.91E-01	0.027798	3.58E-05	0.002338	2.21E-01	0.188142	0.023908	2.93E-05	0.002483	0.214562
3696	486863.09	3851377.25	1.60073	4.80836	1.88744	1.42122	1.45E-01	0.02034	3.5E-05	0.00329	0.16873	1.83E-01	0.025674	3E-05	0.001922	2.11E-01	0.180482	0.022082	2.45E-05	0.002041	0.204629
3697	487363.09	3851377.25	1.22811	3.8759	1.35922	1.19276	1.11E-01	0.0164	2.5E-05	0.00276	0.13048	1.40E-01	0.020695	2.16E-05	0.001613	1.63E-01	0.138469	0.0178	1.76E-05	0.001713	0.157999
3698	487863.09	3851377.25	1.11861	2.73247	1.49967	1.14669	1.01E-01	0.01156	2.8E-05	0.00266	0.11561	1.28E-01	0.01459	2.38E-05	0.00155	1.44E-01	0.126123	0.012549	1.95E-05	0.001647	0.140338
3699	488363.09	3851377.25	1.02952	2.65169	1.4266	1.41845	9.33E-02	0.01122	2.7E-05	0.00329	0.10783	1.18E-01	0.014159	2.27E-05	0.001918	1.34E-01	0.116078	0.012178	1.85E-05	0.002037	0.130311
3700	488863.09	3851377.25	0.97518	2.80984	1.34277	1.42927	8.84E-02	0.01189	2.5E-05	0.00331	0.1036	1.12E-01	0.015003	2.13E-05	0.001933	1.28E-01	0.109951	0.012904	1.74E-05	0.002053	0.124925
3701	489363.09	3851377.25	0.95445	2.80833	1.31683	1.43143	8.65E-02	0.01188	2.5E-05	0.00332	0.10172	1.09E-01	0.014995	2.09E-05	0.001935	1.26E-01	0.107614	0.012897	1.71E-05	0.002056	0.122584
3702	489863.09	3851377.25	0.93459	1.9043	1.2891	1.41387	8.47E-02	0.00806	2.4E-05	0.00327	0.09605	1.07E-01	0.010168	2.05E-05	0.001912	1.19E-01	0.105375	0.008745	1.67E-05	0.00203	0.116167
3703	490363.09	3851377.25	0.9082	1.93379	1.25558	1.15064	8.23E-02	0.00818	2.4E-05	0.00267	0.09317	1.04E-01	0.010326	2E-05	0.001556	1.16E-01	0.102399	0.008881	1.63E-05	0.001652	0.112949
3704	490863.09	3851377.25	0.90849	1.90823	1.18553	1.12489	8.23E-02	0.00807	2.2E-05	0.00261	0.09303	1.04E-01	0.010189	1.88E-05	0.001521	1.16E-01	0.102432	0.008763	1.54E-05	0.001615	0.112826
3705	491363.09	3851377.25	0.86758	2.52924	0.94645	1.09266	7.86E-02	0.0107	1.8E-05	0.00253	0.09187	9.92E-02	0.013505	1.5E-05	0.001477	1.14E-01	0.097819	0.011615	1.23E-05	0.001569	0.111016
3706	491863.09	3851377.25	0.85521	3.01187	0.8722	0.99429	7.75E-02	0.01274	1.6E-05	0.0023	0.09256	9.78E-02	0.016082	1.39E-05	0.001344	1.15E-01	0.096425	0.013832	1.13E-05	0.001428	0.111695
3707	492363.09	3851377.25	0.8473	2.25222	0.9794	0.88451	7.68E-02	0.00953	1.8E-05	0.00205	0.08838	9.69E-02	0.012026	1.56E-05	0.001196	1.10E-01	0.095533	0.010343	1.27E-05	0.00127	0.107159
3708	492863.09	3851377.25	0.77867	1.60378	1.02245	0.79824	7.06E-02	0.00678	1.9E-05	0.00185	0.07922	8.91E-02	0.008563	1.62E-05	0.001079	9.87E-02	0.087795	0.007365	1.33E-05	0.001146	0.09632
3709	493363.09	3851377.25	0.67632	0.93178	0.93436	0.73101	6.13E-02	0.00394	1.7E-05	0.00169	0.06694	7.74E-02	0.004975	1.48E-05	0.000988	8.33E-02	0.076255	0.004279	1.21E-05	0.00105	0.081596
3710	493863.09	3851377.25	0.69344	1.01395	0.97062	0.84255	6.28E-02	0.00429	1.8E-05	0.00195	0.0691	7.93E-02	0.005414	1.54E-05	0.001139	8.59E-02	0.078185	0.004656	1.26E-05	0.00121	0.084064
3711	494363.09	3851377.25	0.82052	1.17016	1.10845	0.9296	7.44E-02	0.00495	2.1E-05	0.00215	0.08148	9.38E-02	0.006248	1.76E-05	0.001257	1.01E-01	0.092513	0.005374	1.44E-05	0.001335	0.099237
3712	494863.09	3851377.25	0.81662	1.27045	1.13084	0.94173	7.40E-02	0.00537	2.1E-05	0.00218	0.08158	9.34E-02	0.006784	1.8E-05	0.001273	1.01E-01	0.092074	0.005834	1.47E-05	0.001352	0.099275
3713	495363.09	3851377.25	0.89273	1.35736	1.2515	1.06135	8.09E-02	0.00574	2.3E-05	0.00246	0.08913	1.02E-01	0.007248	1.99E-05	0.001435	1.11E-01	0.100655	0.006234	1.62E-05	0.001524	0.108429
3714	495863.09	3851377.25	0.89682	1.24735	1.24948	1.06008	8.13E-02	0.00528	2.3E-05	0.00246	0.08903	1.03E-01	0.00666	1.99E-05	0.001433	1.11E-01	0.101116	0.005728	1.62E-05	0.001522	0.108383
3715	496363.09	3851377.25	0.89548	1.34304	1.24447	1.04914	8.12E-02	0.00568	2.3E-05	0.00243	0.08929	1.02E-01	0.007171	1.98E-05	0.001419	1.11E-01	0.100965	0.006168	1.62E-05	0.001507	0.108656
3716	496863.09	3851377.25	0.8943	1.43086	1.24011	1.0323	8.10E-02	0.00605	2.3E-05	0.00239	0.08951	1.02E-01	0.00764	1.97E-05	0.001396	1.11E-01	0.100832	0.006571	1.61E-05	0.001482	0.108902
3717	497363.09	3851377.25	0.88473	1.40615	1.22151	0.94753	8.02E-02	0.00595	2.3E-05	0.00219	0.08834	1.01E-01	0.007508	1.94E-05	0.001281	1.10E-01	0.099753	0.006458	1.59E-05	0.001361	0.107587

3718	497863.09	3851377.25	0.84862	1.32893	1.15594	0.92641	7.69E-02	0.00562	2.2E-05	0.00215	0.08469	9.71E-02	0.007096	1.84E-05	0.001253	1.05E-01	0.095682	0.006103	1.5E-05	0.00133	0.10313
3719	498363.09	3851377.25	0.74241	1.31257	1.00895	0.88784	6.73E-02	0.00555	1.9E-05	0.00206	0.07491	8.49E-02	0.007008	1.6E-05	0.0012	9.31E-02	0.083706	0.006028	1.31E-05	0.001275	0.091022
3720	471363.09	3851877.25	2.85854	3.78633	3.42684	2.03616	2.59E-01	0.01602	6.4E-05	0.00472	0.27985	3.27E-01	0.020217	5.45E-05	0.002753	3.50E-01	0.322299	0.017388	4.45E-05	0.002924	0.342656
3721	471863.09	3851877.25	2.66201	3.76867	3.33403	1.88935	2.41E-01	0.01594	6.2E-05	0.00438	0.26162	3.04E-01	0.020123	5.3E-05	0.002555	3.27E-01	0.300141	0.017307	4.33E-05	0.002713	0.320204
3722	472363.09	3851877.25	2.93573	3.94958	3.73738	2.40739	2.66E-01	0.01671	7E-05	0.00558	0.2884	3.36E-01	0.021089	5.94E-05	0.003255	3.60E-01	0.331003	0.018138	4.85E-05	0.003457	0.352646
3723	472863.09	3851877.25	3.15932	4.76356	4.24627	2.5707	2.86E-01	0.02015	7.9E-05	0.00595	0.31249	3.61E-01	0.025435	6.75E-05	0.003476	3.90E-01	0.356212	0.021876	5.51E-05	0.003692	0.381835
3724	473363.09	3851877.25	2.9397	3.72998	4.04384	2.20079	2.66E-01	0.01578	7.6E-05	0.0051	0.28735	3.36E-01	0.019916	6.43E-05	0.002976	3.59E-01	0.33145	0.017129	5.25E-05	0.00316	0.351793
3725	473863.09	3851877.25	3.16051	4.26852	4.10006	2.26358	2.86E-01	0.01806	7.7E-05	0.00524	0.30979	3.61E-01	0.022792	6.52E-05	0.003061	3.87E-01	0.356346	0.019603	5.32E-05	0.003251	0.379253
3726	474363.09	3851877.25	3.87156	5.70164	4.69667	2.83592	3.51E-01	0.02412	8.8E-05	0.00657	0.38163	4.43E-01	0.030444	7.46E-05	0.003834	4.77E-01	0.436517	0.026184	6.1E-05	0.004073	0.466835
3727	474863.09	3851877.25	4.18078	6.36036	5.40808	3.94184	3.79E-01	0.02691	0.0001	0.00913	0.41501	4.78E-01	0.033961	8.6E-05	0.00533	5.18E-01	0.471382	0.029209	7.02E-05	0.005661	0.506322
3728	475363.09	3851877.25	4.63599	6.08925	6.07901	4.80602	4.20E-01	0.02576	0.00011	0.01113	0.45713	5.30E-01	0.032514	9.66E-05	0.006498	5.69E-01	0.522706	0.027964	7.89E-05	0.006902	0.557651
3729	475863.09	3851877.25	5.13166	6.05871	6.75987	5.65028	4.65E-01	0.02563	0.00013	0.01309	0.50389	5.87E-01	0.032351	0.000107	0.00764	6.27E-01	0.578593	0.027824	8.77E-05	0.008114	0.614619
3730	476363.09	3851877.25	5.71001	6.45692	7.81916	5.13864	5.17E-01	0.02732	0.00015	0.0119	0.55682	6.53E-01	0.034477	0.000124	0.006948	6.95E-01	0.643802	0.029653	0.000101	0.007379	0.680935
3731	476863.09	3851877.25	6.44078	7.38491	7.96795	5.74367	5.84E-01	0.03124	0.00015	0.0133	0.62837	7.37E-01	0.039432	0.000127	0.007766	7.84E-01	0.726196	0.033914	0.000103	0.008248	0.768462
3732	477363.09	3851877.25	6.47309	8.37164	8.00728	7.97204	5.87E-01	0.03542	0.00015	0.01846	0.64064	7.40E-01	0.044701	0.000127	0.010779	7.96E-01	0.729839	0.038446	0.000104	0.011448	0.779837
3733	477863.09	3851877.25	8.08648	9.30789	10.12869	9.73728	7.33E-01	0.03938	0.00019	0.02255	0.79493	9.25E-01	0.0497	0.000161	0.013166	9.88E-01	0.911748	0.042745	0.000131	0.013983	0.968608
3734	478363.09	3851877.25	9.0784	11.47044	10.85162	10.03426	8.23E-01	0.04853	0.0002	0.02324	0.89467	1.04E+00	0.061247	0.000172	0.013567	1.11E+00	1.023586	0.052677	0.000141	0.01441	1.090814
3735	478863.09	3851877.25	9.21475	12.72588	10.68644	12.69516	8.35E-01	0.05384	0.0002	0.0294	0.9185	1.05E+00	0.06795	0.00017	0.017165	1.14E+00	1.03896	0.058442	0.000139	0.018231	1.115772
3736	479363.09	3851877.25	9.41654	13.76248	10.50845	12.48623	8.53E-01	0.05822	0.0002	0.02892	0.94069	1.08E+00	0.073485	0.000167	0.016883	1.17E+00	1.061712	0.063202	0.000136	0.017931	1.142981
3737	479863.09	3851877.25	10.38888	13.66603	11.57918	14.48306	9.41E-01	0.05781	0.00022	0.03355	1.03304	1.19E+00	0.07297	0.000184	0.019583	1.28E+00	1.171343	0.062759	0.00015	0.020798	1.255051
3738	480363.09	3851877.25	10.87446	14.14958	12.3512	15.40574	9.85E-01	0.05986	0.00023	0.03568	1.08124	1.24E+00	0.075552	0.000196	0.02083	1.34E+00	1.226092	0.06498	0.00016	0.022123	1.313356
3739	480863.09	3851877.25	11.44783	15.37705	11.66519	14.23191	1.04E+00	0.06505	0.00022	0.03296	1.13566	1.31E+00	0.082106	0.000185	0.019243	1.41E+00	1.290739	0.070617	0.000151	0.020438	1.381945
3740	481363.09	3851877.25	11.44228	16.35972	13.95629	19.71863	1.04E+00	0.06921	0.00026	0.04567	1.15207	1.31E+00	0.087353	0.000222	0.026662	1.42E+00	1.290113	0.07513	0.000181	0.028317	1.393741
3741	481863.09	3851877.25	12.12484	15.36967	15.15777	19.05783	1.10E+00	0.06502	0.00028	0.04414	1.20823	1.39E+00	0.082067	0.000241	0.025768	1.49E+00	1.367072	0.070583	0.000197	0.027368	1.46522
3742	482363.09	3851877.25	11.45775	16.59976	15.00435	9.0245	1.04E+00	0.07023	0.00028	0.0209	1.12973	1.31E+00	0.088635	0.000238	0.012202	1.41E+00	1.291857	0.076232	0.000195	0.01296	1.381244
3743	482863.09	3851877.25	7.05154	9.81907	9.3626	4.38176	6.39E-01	0.04154	0.00018	0.01015	0.69089	8.07E-01	0.052429	0.000149	0.005925	8.65E-01	0.795059	0.045093	0.000122	0.006292	0.846566
3744	483363.09	3851877.25	6.12626	12.14332	8.52564	3.76314	5.55E-01	0.05137	0.00016	0.00872	0.61542	7.01E-01	0.06484	0.000135	0.005088	7.71E-01	0.690734	0.055767	0.000111	0.005404	0.752015
3745	483863.09	3851877.25	4.39054	10.39855	6.02243	2.79961	3.98E-01	0.04399	0.00011	0.00648	0.44847	5.02E-01	0.055523	9.57E-05	0.003785	5.62E-01	0.495032	0.047754	7.82E-05	0.00402	0.546884
3746	484363.09	3851877.25	4.42955	10.51718	6.0019	2.87216	4.01E-01	0.04449	0.00011	0.00665	0.45267	5.07E-01	0.056157	9.54E-05	0.003883	5.67E-01	0.49943	0.048299	7.79E-05	0.004125	0.551932
3747	484863.09	3851877.25	3.73312	7.4312	5.3066	2.63405	3.38E-01	0.03144	9.9E-05	0.0061	0.37594	4.27E-01	0.039679	8.43E-05	0.003562	4.70E-01	0.420908	0.034127	6.89E-05	0.003783	0.458886
3748	485363.09	3851877.25	3.24513	8.05722	4.38563	2.47498	2.94E-01	0.03409	8.2E-05	0.00573	0.33398	3.71E-01	0.043022	6.97E-05	0.003346	4.18E-01	0.365887	0.037002	5.69E-05	0.003554	0.4065
3749	485863.09	3851877.25	3.09461	7.32513	4.32857	2.01722	2.80E-01	0.03099	8.1E-05	0.00467	0.31618	3.54E-01	0.039113	6.88E-05	0.002728	3.96E-01	0.348916	0.03364	5.62E-05	0.002897	0.385509
3750	486363.09	3851877.25	2.08982	6.04641	2.64361	1.73134	1.89E-01	0.02558	4.9E-05	0.00401	0.21902	2.39E-01	0.032285	4.2E-05	0.002341	2.74E-01	0.235626	0.027767	3.43E-05	0.002486	0.265914
3751	486863.09	3851877.25	1.87938	6.33592	2.29814	1.65587	1.70E-01	0.0268	4.3E-05	0.00384	0.201	2.15E-01	0.033831	3.65E-05	0.002239	2.51E-01	0.211899	0.029097	2.98E-05	0.002378	0.243404
3752	487363.09	3851877.25	1.57581	4.43404	2.15829	1.23033	1.43E-01	0.01876	4E-05	0.00285	0.16445	1.80E-01	0.023676	3.43E-05	0.001664	2.06E-01	0.177672	0.020363	2.8E-05	0.001767	0.19983
3753	487863.09	3851877.25	1.05166	2.89695	1.45174	1.44335	9.53E-02	0.01226	2.7E-05	0.00334	0.11093	1.20E-01	0.015468	2.31E-05	0.001952	1.38E-01	0.118574	0.013304	1.88E-05	0.002073	0.13397
3754	488363.09	3851877.25	1.01651	3.1871	1.40297	1.4425	9.21E-02	0.01348	2.6E-05	0.00334	0.10897	1.16E-01	0.017018	2.23E-05	0.00195	1.35E-01	0.114611	0.014636	1.82E-05	0.002072	0.131337
3755	488863.09	3851877.25	0.96265	2.80634	1.32576	1.43982	8.72E-02	0.01187	2.5E-05	0.00333	0.10247	1.10E-01	0.014985	2.11E-05	0.001947	1.27E-01	0.108538	0.012888	1.72E-05	0.002068	0.123511
3756	489363.09	3851877.25	0.93296	2.0461	1.2938	1.1773	8.45E-02	0.00866	2.4E-05	0.00273	0.09595	1.07E-01	0.010925	2.06E-05	0.001592	1.19E-01	0.105191	0.009396	1.68E-05	0.001691	0.116295
3757	489863.09	3851877.25	0.96441	1.90058	1.27599	1.15503	8.74E-02	0.00804	2.4E-05	0.00268	0.09814	1.10E-01	0.010148	2.03E-05	0.001562	1.22E-01	0.108737	0.008728	1.66E-05	0.001659	0.11914
3758	490363.09	3851877.25	0.99516	2.51164	1.22733	1.13112	9.02E-02	0.01063	2.3E-05	0.00262	0.10345	1.14E-01	0.013411	1.95E-05	0.001529	1.29E-01	0.112204	0.011534	1.59E-05	0.001624	0.125379
3759	490863.09	3851877.25	1.03929	2.95769	1.1231	1.10297	9.42E-02	0.01251	2.1E-05	0.00255	0.10927	1.19E-01	0.015793	1.78E-05	0.001491	1.36E-01	0.11718	0.013583	1.46E-05	0.001584	0.132361
3760	491363.09	3851877.25	1.02168	3.37946	1.1471	1.06394	9.26E-02	0.0143	2.1E-05	0.00246	0.10937	1.17E-01	0.018045	1.82E-05	0.001439	1.36E-01	0.115194	0.01552	1.49E-05	0.001528	0.132257
3761	491863.09	3851877.25	0.9913	2.15677	1.30352	1.0395	8.98E-02	0.00912	2.4E-05	0.00241	0.10139	1.13E-01	0.011516	2.07E-05	0.001406	1.26E-01	0.111769	0.009905	1.69E-05	0.001493	0.123183
3762	492363.09	3851877.25	0.92723	1.75909	1.28197	1.12848	8.40E-02	0.00744	2.4E-05	0.00261	0.09411	1.06E-01	0.009393	2.04E-05	0.001526	1.17E-01	0.104545	0.008078	1.66E-05	0.001621	0.11426
3763	492863.09	3851877.25	0.72535	1.1847	1.018	0.8912	6.57E-02	0.00501	1.9E-05	0.00206	0.07283	8.30E-02	0.006326	1.62E-05	0.001205	9.05E-02	0.081783	0.005441	1.32E-05	0.00128	0.088517
3764	493363.09	3851877.25	0.86766	1.39082	1.22187	0.98342	7.86E-02	0.00588	2.3E-05	0.00228	0.08681	9.92E-02	0.007426	1.94E-05	0.00133	1.08E-01	0.097828	0.006387	1.59E-05	0.001412	0.105644
3765	493863.09	3851877.25	0.95659	1.43611	1.34111	1.09539	8.67E-02	0.00608	2.5E-05	0.00254	0.09533	1.09E-01	0.007668	2.13E-05	0.001481	1.19E-01	0.107855	0.006595	1.74E-05	0.001573	0.116041
3766	494363.09	3851877.25	0.91073	1.59745	1.27437	1.06224	8.25E-02	0.00676	2.4E-05	0.00246	0.09177	1.04E-01	0.00853	2.03E-05	0.001436	1.14E-01	0.102684	0.007336	1.65E-05	0.001525	0.111563
3767	494863.09	3851877.25	0.94978	1.49041	1.32635	1.08022	8.61E-02	0.00631	2.5E-05	0.0025	0.0949	1.09E-01	0.007958	2.11E-05	0.001461	1.18E-01	0.107087	0.006845	1.72E-05	0.001551	0.1155
3768	495363.09	3851877.25	0.95756	1.64488	1.33319	1.07946	8.68E-02	0.00696	2.5E-05	0.0025	0.09626	1.10E-01	0.008783	2.12E-05	0.00146	1.20E-01	0.107965	0.007554	1.73E-05	0.00155	0.117086
3769	495863.09	3851877.25	0.96605	1.68999	1.33596	1.13252	8.75E-02	0.00715	2.5E-05	0.00262	0.09734	1.10E-01	0.009024	2.12E-05	0.001531	1.21E-01	0.108922	0.007761	1.73E-05	0.001626	0.118327
3770	496363.09	3851877.25	0.96341	1.58789	1.31766	1.0623	8.73E-02	0.00672	2.5E-05	0.00246	0.09651	1.10E-01	0.008479	2.09E-05	0.001436	1.20E-01	0.108624	0.007292	1.71E-05	0.001526	0.117459
3771	496863.09	3851877.25	0.9447	1.59909	1.30538	1.05116	8.56E-02	0.00676	2.4E-05	0.00243	0.09483	1.08E-01	0.008538	2.07E-05	0.001421	1.18E-01	0.106515	0.007344	1.69E-05	0.00151	0.115385
3772	497363.09	3851877.25	0.91731	1.68448	1.26016	1.02803	8.31E-02	0.00713	2.4E-05	0.00238	0.09266	1.05E-01	0.008994	2E-05	0.00139	1.15E-01	0.103426	0.007736	1.64E-05	0.001476	0.112655
3773	497863.09	3851877.25	0.82472	1.89258	1.09808	0.89788	7.47E-02	0.00801	2.1E-05	0.00208	0.08484	9.43E-02	0.010105	1.75E-05	0.001214	1.06E-01	0.092987	0.008691	1.43E-05	0.001289	0.102982
3774	498363.09	3851877.25	0.70038	1.7274	0.87352	0.90503	6.35E-02	0.00731	1.6E-05	0.0021	0.07289	8.01E-02	0.009223	1.39E-05	0.001224	9.06E-02	0.078968	0.007933	1.13E-05	0.0013	0.088211
3775	471363.09	3852377.25	2.58275	2.93585	3.47866	2.38364	2.34E-01	0.01242	6.5E-05	0.00552	0.25206	2.95E-01	0.015676	5.53E-05	0.003223	3.14E-01	0.291204	0.013483	4.52E-05	0.003423	0.308155
3776	471863.09	3852377.25	2.94875	4.11466	3.8904	2.42851	2.67E-01	0.01741	7.3E-05	0.00562	0.29033	3.37E-01	0.02197	6.18E-05	0.003284	3.63E-01	0.332471	0.018896	5.05E-05	0.003487	0.354905
3777	472363.09	3852377.25	3.09844	4.31162	3.96727	2.43291	2.81E-01	0.01824	7.4E-05	0.00564	0.30474	3.54E-01	0.023022	6.31E-05	0.00329	3.81E-01	0.349348	0.019801	5.15E-05	0.003494	0.372694
3778	472863.09	3852377.25	3.30098	4.23498	4.02241	2.73558	2.99E-01	0.01792	7.5E-05	0.00634	0.32347	3.78E-01	0.022613	6.39E-05	0.003699	4.04E-01	0.372184	0.019449	5.22E-05	0.003928	0.395614

3779	473363.09	3852377.25	3.36528	4.53995	4.1117	2.63903	3.05E-01	0.01921	7.7E-05	0.00611	0.33036	3.85E-01	0.024241	6.53E-05	0.003568	4.13E-01	0.379434	0.020849	5.34E-05	0.00379	0.404126
3780	473863.09	3852377.25	3.31429	4.70481	4.01471	2.52654	3.00E-01	0.0199	7.5E-05	0.00585	0.32618	3.79E-01	0.025121	6.38E-05	0.003416	4.08E-01	0.373685	0.021606	5.21E-05	0.003628	0.398972
3781	474363.09	3852377.25	3.31481	4.60628	4.23427	2.50911	3.00E-01	0.01949	7.9E-05	0.00581	0.32577	3.79E-01	0.024595	6.73E-05	0.003393	4.07E-01	0.373744	0.021154	5.5E-05	0.003603	0.398556
3782	474863.09	3852377.25	4.20632	6.10415	5.67871	3.44965	3.81E-01	0.02582	0.00011	0.00799	0.41511	4.81E-01	0.032593	9.03E-05	0.004664	5.18E-01	0.474261	0.028033	7.37E-05	0.004954	0.507321
3783	475363.09	3852377.25	4.50127	5.91394	5.75086	3.60699	4.08E-01	0.02502	0.00011	0.00835	0.4414	5.15E-01	0.031578	9.14E-05	0.004877	5.51E-01	0.507517	0.027159	7.46E-05	0.00518	0.53993
3784	475863.09	3852377.25	4.67178	7.22665	5.65252	3.67276	4.23E-01	0.03057	0.00011	0.00851	0.46255	5.34E-01	0.038587	8.98E-05	0.004966	5.78E-01	0.526742	0.033187	7.34E-05	0.005274	0.565277
3785	476363.09	3852377.25	4.69573	7.61805	6.14292	3.62319	4.26E-01	0.03223	0.00011	0.00839	0.46627	5.37E-01	0.040677	9.76E-05	0.004899	5.83E-01	0.529442	0.034985	7.97E-05	0.005203	0.56971
3786	476863.09	3852377.25	5.27284	7.17598	7.03957	4.15813	4.78E-01	0.03036	0.00013	0.00963	0.51796	6.03E-01	0.038316	0.000112	0.005622	6.47E-01	0.594511	0.032955	9.14E-05	0.005971	0.633528
3787	477363.09	3852377.25	5.82601	7.52236	8.05415	4.07354	5.28E-01	0.03182	0.00015	0.00944	0.56937	6.66E-01	0.040166	0.000128	0.005508	7.12E-01	0.656881	0.034545	0.000105	0.00585	0.69738
3788	477863.09	3852377.25	5.49192	7.25343	7.27144	2.97052	4.98E-01	0.03069	0.00014	0.00688	0.53539	6.28E-01	0.03873	0.000116	0.004016	6.71E-01	0.619212	0.03331	9.44E-05	0.004266	0.656883
3789	478363.09	3852377.25	5.02108	6.99081	6.60219	2.73609	4.55E-01	0.02957	0.00012	0.00634	0.49106	5.74E-01	0.037328	0.000105	0.003699	6.15E-01	0.566125	0.032104	8.57E-05	0.003929	0.602244
3790	478863.09	3852377.25	8.49547	9.43457	11.73632	5.59032	7.70E-01	0.03991	0.00022	0.01295	0.82296	9.72E-01	0.050376	0.000187	0.007559	1.03E+00	0.957861	0.043327	0.000152	0.008028	1.009369
3791	479363.09	3852377.25	11.24049	13.80971	13.56811	8.26082	1.02E+00	0.05842	0.00025	0.01913	1.09645	1.29E+00	0.073737	0.000216	0.01117	1.37E+00	1.267361	0.063419	0.000176	0.011863	1.34282
3792	479863.09	3852377.25	11.40703	14.88483	13.2256	12.05714	1.03E+00	0.06297	0.00025	0.02793	1.12487	1.30E+00	0.079478	0.00021	0.016303	1.40E+00	1.286139	0.068357	0.000172	0.017315	1.371982
3793	480363.09	3852377.25	11.09019	15.34172	11.97449	14.78935	1.01E+00	0.0649	0.00022	0.03425	1.1044	1.27E+00	0.081917	0.00019	0.019997	1.37E+00	1.250415	0.070455	0.000155	0.021238	1.342264
3794	480863.09	3852377.25	12.30243	15.85445	13.62395	16.68838	1.11E+00	0.06707	0.00026	0.03865	1.22085	1.41E+00	0.084655	0.000217	0.022565	1.51E+00	1.387095	0.07281	0.000177	0.023965	1.484047
3795	481363.09	3852377.25	12.48006	16.80467	12.35046	15.04264	1.13E+00	0.07109	0.00023	0.03484	1.23713	1.43E+00	0.089729	0.000196	0.020339	1.54E+00	1.407122	0.077173	0.00016	0.021602	1.506058
3796	481863.09	3852377.25	12.2806	18.21945	15.42329	21.08191	1.11E+00	0.07708	0.00029	0.04883	1.23909	1.40E+00	0.097283	0.000245	0.028505	1.53E+00	1.384633	0.08367	0.0002	0.030275	1.498779
3797	482363.09	3852377.25	12.81107	18.06223	16.45797	20.86285	1.16E+00	0.07641	0.00031	0.04832	1.28601	1.47E+00	0.096444	0.000262	0.028209	1.59E+00	1.444444	0.082948	0.000214	0.02996	1.557566
3798	482863.09	3852377.25	11.88234	21.36079	16.13674	12.05291	1.08E+00	0.09037	0.0003	0.02792	1.19539	1.36E+00	0.114056	0.000256	0.016297	1.49E+00	1.33973	0.098097	0.000209	0.017309	1.455345
3799	483363.09	3852377.25	9.20825	15.37787	12.4095	5.64512	8.34E-01	0.06506	0.00023	0.01308	0.91283	1.05E+00	0.08211	0.000197	0.007633	1.14E+00	1.038227	0.070621	0.000161	0.008107	1.117116
3800	483863.09	3852377.25	6.08211	11.5003	8.32685	3.40702	5.51E-01	0.04865	0.00016	0.00789	0.60787	6.96E-01	0.061406	0.000132	0.004607	7.62E-01	0.685756	0.052814	0.000108	0.004893	0.74357
3801	484363.09	3852377.25	5.6103	14.34405	7.59647	3.33341	5.08E-01	0.06068	0.00014	0.00772	0.57696	6.42E-01	0.07659	0.000121	0.004507	7.23E-01	0.632559	0.065873	9.86E-05	0.004787	0.703318
3802	484863.09	3852377.25	5.10516	13.35355	7.08538	3.30311	4.63E-01	0.05649	0.00013	0.00765	0.52692	5.84E-01	0.071302	0.000113	0.004466	6.60E-01	0.575605	0.061324	9.2E-05	0.004743	0.641765
3803	485363.09	3852377.25	4.72725	13.27781	6.08883	3.03182	4.28E-01	0.05617	0.00011	0.00702	0.4917	5.41E-01	0.070897	9.68E-05	0.004099	6.16E-01	0.532996	0.060977	7.9E-05	0.004354	0.598405
3804	485863.09	3852377.25	3.76256	10.06722	5.30776	2.34442	3.41E-01	0.04259	9.9E-05	0.00543	0.38909	4.30E-01	0.053754	8.44E-05	0.00317	4.87E-01	0.424227	0.046232	6.89E-05	0.003367	0.473895
3805	486363.09	3852377.25	2.58166	8.76432	3.24867	1.74699	2.34E-01	0.03708	6.1E-05	0.00405	0.27514	2.95E-01	0.046797	5.16E-05	0.002362	3.44E-01	0.291081	0.040249	4.22E-05	0.002509	0.333881
3806	486863.09	3852377.25	1.94938	4.95303	2.72743	1.74645	1.77E-01	0.02095	5.1E-05	0.00405	0.20171	2.23E-01	0.026447	4.33E-05	0.002361	2.52E-01	0.219792	0.022746	3.54E-05	0.002508	0.245081
3807	487363.09	3852377.25	1.37321	4.22155	1.79872	1.46515	1.24E-01	0.01786	3.4E-05	0.00339	0.14573	1.57E-01	0.022541	2.86E-05	0.001981	1.82E-01	0.154829	0.019387	2.33E-05	0.002104	0.176343
3808	487863.09	3852377.25	1.0594	3.82386	1.44545	1.48778	9.60E-02	0.01618	2.7E-05	0.00345	0.11565	1.21E-01	0.020418	2.3E-05	0.002012	1.44E-01	0.119447	0.017561	1.88E-05	0.002137	0.139163
3809	488363.09	3852377.25	1.00704	2.66874	1.39299	1.449	9.13E-02	0.01129	2.6E-05	0.00336	0.10593	1.15E-01	0.01425	2.21E-05	0.001959	1.31E-01	0.113543	0.012256	1.81E-05	0.002081	0.127898
3810	488863.09	3852377.25	0.99367	2.58225	1.3039	1.18165	9.00E-02	0.01092	2.4E-05	0.00274	0.10373	1.14E-01	0.013788	2.07E-05	0.001598	1.29E-01	0.112036	0.011859	1.69E-05	0.001697	0.125608
3811	489363.09	3852377.25	1.04577	2.7156	1.2933	1.15896	9.48E-02	0.01149	2.4E-05	0.00268	0.10897	1.20E-01	0.0145	2.06E-05	0.001567	1.36E-01	0.11791	0.012471	1.68E-05	0.001664	0.132062
3812	489863.09	3852377.25	1.07173	2.98062	1.3067	1.07159	9.71E-02	0.01261	2.4E-05	0.00248	0.11224	1.23E-01	0.015915	2.08E-05	0.001449	1.40E-01	0.120837	0.013688	1.7E-05	0.001539	0.136081
3813	490363.09	3852377.25	1.09537	2.69467	1.3808	1.11026	9.93E-02	0.0114	2.6E-05	0.00257	0.11326	1.25E-01	0.014388	2.19E-05	0.001501	1.41E-01	0.123503	0.012375	1.79E-05	0.001594	0.13749
3814	490863.09	3852377.25	1.02492	3.11094	1.34594	1.0819	9.29E-02	0.01316	2.5E-05	0.00251	0.10857	1.17E-01	0.016611	2.14E-05	0.001463	1.35E-01	0.115559	0.014287	1.75E-05	0.001554	0.131417
3815	491363.09	3852377.25	1.03941	2.64851	1.44086	1.24368	9.42E-02	0.0112	2.7E-05	0.00288	0.10831	1.19E-01	0.014142	2.29E-05	0.001682	1.35E-01	0.117193	0.012163	1.87E-05	0.001786	0.131161
3816	491863.09	3852377.25	1.02148	1.857	1.423	1.27177	9.26E-02	0.00786	2.7E-05	0.00295	0.1034	1.17E-01	0.009915	2.26E-05	0.00172	1.28E-01	0.115172	0.008528	1.85E-05	0.001826	0.125544
3817	492363.09	3852377.25	1.00266	1.77528	1.40074	1.14978	9.09E-02	0.00751	2.6E-05	0.00266	0.10106	1.15E-01	0.009479	2.23E-05	0.001555	1.26E-01	0.11305	0.008153	1.82E-05	0.001651	0.122872
3818	492863.09	3852377.25	1.00527	1.70016	1.40378	1.23715	9.11E-02	0.00719	2.6E-05	0.00287	0.10118	1.15E-01	0.009078	2.23E-05	0.001673	1.26E-01	0.113344	0.007808	1.82E-05	0.001777	0.122946
3819	493363.09	3852377.25	1.0304	2.47343	1.43153	1.25939	9.34E-02	0.01046	2.7E-05	0.00292	0.10678	1.18E-01	0.013207	2.28E-05	0.001703	1.33E-01	0.116177	0.011359	1.86E-05	0.001809	0.129363
3820	493863.09	3852377.25	1.01812	2.32853	1.40143	1.23216	9.23E-02	0.00985	2.6E-05	0.00285	0.105	1.16E-01	0.012433	2.23E-05	0.001666	1.31E-01	0.114793	0.010693	1.82E-05	0.001769	0.127274
3821	494363.09	3852377.25	0.99423	1.8196	1.37989	1.20537	9.01E-02	0.0077	2.6E-05	0.00279	0.10061	1.14E-01	0.009716	2.19E-05	0.00163	1.25E-01	0.112099	0.008356	1.79E-05	0.001731	0.122204
3822	494863.09	3852377.25	1.06423	2.39981	1.39128	1.20506	9.64E-02	0.01015	2.6E-05	0.00279	0.10941	1.22E-01	0.012814	2.21E-05	0.001629	1.36E-01	0.119992	0.011021	1.81E-05	0.001731	0.132761
3823	495363.09	3852377.25	1.12267	2.39363	1.41858	1.20384	1.02E-01	0.01013	2.7E-05	0.00279	0.11468	1.28E-01	0.012781	2.25E-05	0.001628	1.43E-01	0.126581	0.010992	1.84E-05	0.001729	0.13932
3824	495863.09	3852377.25	1.08261	2.31874	1.38175	1.20287	9.81E-02	0.00981	2.6E-05	0.00279	0.11073	1.24E-01	0.012381	2.2E-05	0.001626	1.38E-01	0.122064	0.010649	1.79E-05	0.001727	0.134458
3825	496363.09	3852377.25	1.04361	2.02261	1.33393	1.15437	9.46E-02	0.00856	2.5E-05	0.00267	0.10583	1.19E-01	0.0108	2.12E-05	0.001561	1.32E-01	0.117667	0.009289	1.73E-05	0.001658	0.12863
3826	496863.09	3852377.25	1.00545	2.09672	1.24024	1.03669	9.11E-02	0.00887	2.3E-05	0.0024	0.10241	1.15E-01	0.011195	1.97E-05	0.001402	1.28E-01	0.113364	0.009629	1.61E-05	0.001489	0.124498
3827	497363.09	3852377.25	0.93367	2.14139	1.21079	1.01598	8.46E-02	0.00906	2.3E-05	0.00235	0.09605	1.07E-01	0.011434	1.92E-05	0.001374	1.20E-01	0.105271	0.009834	1.57E-05	0.001459	0.11658
3828	497863.09	3852377.25	0.74951	1.92932	0.9924	0.95074	6.79E-02	0.00816	1.9E-05	0.0022	0.0783	8.57E-02	0.010302	1.58E-05	0.001286	9.73E-02	0.084507	0.00886	1.29E-05	0.001365	0.094745
3829	498363.09	3852377.25	0.7093	1.70581	0.90886	0.89702	6.43E-02	0.00722	1.7E-05	0.00208	0.07359	8.11E-02	0.009108	1.44E-05	0.001213	9.15E-02	0.079973	0.007834	1.18E-05	0.001288	0.089107
3830	471363.09	3852877.25	2.45854	3.3619	3.28255	2.60159	2.23E-01	0.01422	6.1E-05	0.00603	0.24311	2.81E-01	0.017951	5.22E-05	0.003518	3.03E-01	0.2772	0.015439	4.26E-05	0.003736	0.296417
3831	471863.09	3852877.25	2.83726	3.56737	3.74495	2.65348	2.57E-01	0.01509	7E-05	0.00615	0.27843	3.25E-01	0.019048	5.95E-05	0.003588	3.47E-01	0.3199	0.016383	4.86E-05	0.003811	0.340142
3832	472363.09	3852877.25	3.07666	4.03883	4.0699	2.67524	2.79E-01	0.01709	7.6E-05	0.0062	0.30217	3.52E-01	0.021565	6.47E-05	0.003617	3.77E-01	0.346892	0.018548	5.28E-05	0.003842	0.369335
3833	472863.09	3852877.25	3.23506	4.67142	4.26627	3.09202	2.93E-01	0.01976	8E-05	0.00716	0.32017	3.70E-01	0.024943	6.78E-05	0.004181	3.99E-01	0.364752	0.021453	5.54E-05	0.00444	0.3907
3834	473363.09	3852877.25	3.46406	5.30164	4.55655	3.14488	3.14E-01	0.02243	8.5E-05	0.00728	0.34372	3.96E-01	0.028308	7.24E-05	0.004252	4.29E-01	0.390572	0.024347	5.91E-05	0.004516	0.419494
3835	473863.09	3852877.25	3.82667	5.81667	5.08656	3.24404	3.47E-01	0.02461	9.5E-05	0.00751	0.379	4.38E-01	0.031058	8.08E-05	0.004386	4.73E-01	0.431456	0.026712	6.6E-05	0.004659	0.462893
3836	474363.09	3852877.25	4.19612	6.50164	5.45071	3.73178	3.80E-01	0.02751	0.0001	0.00864	0.41651	4.80E-01	0.034716	8.66E-05	0.005046	5.20E-01	0.473111	0.029858	7.08E-05	0.005359	0.508399
3837	474863.09	3852877.25	3.92731	6.30645	4.87576	2.94586	3.56E-01	0.02668	9.1E-05	0.00682	0.3895	4.49E-01	0.033673	7.75E-05	0.003983	4.87E-01	0.442803	0.028962	6.33E-05	0.00423	0.476058
3838	475363.09	3852877.25	4.25721	7.11261	5.2427	3.11667	3.86E-01	0.03009	9.8E-05	0.00722	0.4232	4.87E-01	0.037978	8.33E-05	0.004214	5.29E-01	0.479999	0.032664	6.81E-05	0.004476	0.517206
3839	475863.09	3852877.25	4.23866	7.41321	5.3451	2.99424	3.84E-01	0.03136	0.0001	0.00694	0.42251	4.85E-01	0.039583	8.5E-05	0.004049	5.29E-01	0.477907	0.034044	6.94E-05	0.0043	0.516321

3840	476363.09	3852877.25	3.96506	6.82592	5.12474	2.7598		3.59E-01	0.02888	9.6E-05	0.00639	0.39469		4.54E-01	0.036447	8.14E-05	0.003732	4.94E-01		0.447059	0.031347	6.65E-05	0.003963	0.482436
3841	476863.09	3852877.25	3.17955	5.0489	4.26253	2.12878		2.88E-01	0.02136	8E-05	0.00493	0.31451		3.64E-01	0.026959	6.77E-05	0.002878	3.94E-01		0.358493	0.023186	5.53E-05	0.003057	0.384792
3842	477363.09	3852877.25	2.809	4.54991	3.68375	1.83526		2.55E-01	0.01925	6.9E-05	0.00425	0.27813		3.21E-01	0.024294	5.85E-05	0.002481	3.48E-01		0.316714	0.020895	4.78E-05	0.002636	0.340292
3843	477863.09	3852877.25	2.25293	3.32088	2.94455	1.59083		2.04E-01	0.01405	5.5E-05	0.00368	0.22195		2.58E-01	0.017732	4.68E-05	0.002151	2.78E-01		0.254017	0.015251	3.82E-05	0.002285	0.271591
3844	478363.09	3852877.25	1.53282	2.46079	2.03323	1.47172		1.39E-01	0.01041	3.8E-05	0.00341	0.15276		1.75E-01	0.013139	3.23E-05	0.00199	1.90E-01		0.172825	0.011301	2.64E-05	0.002113	0.186266
3845	478863.09	3852877.25	1.94225	2.91921	2.68018	1.61185		1.76E-01	0.01235	5E-05	0.00373	0.19214		2.22E-01	0.015587	4.26E-05	0.002179	2.40E-01		0.218988	0.013406	3.48E-05	0.002315	0.234744
3846	479363.09	3852877.25	3.74475	5.71829	5.09046	2.35555		3.39E-01	0.02419	9.5E-05	0.00546	0.3691		4.28E-01	0.030533	8.09E-05	0.003185	4.62E-01		0.422219	0.026261	6.61E-05	0.003383	0.451929
3847	479863.09	3852877.25	11.03023	12.9826	14.87346	7.44599		1.00E+00	0.05492	0.00028	0.01725	1.07203		1.26E+00	0.069321	0.000236	0.010068	1.34E+00		1.243655	0.059621	0.000193	0.010693	1.314161
3848	480363.09	3852877.25	10.54008	15.54963	11.68096	14.26969		9.55E-01	0.06578	0.00022	0.03305	1.05422		1.21E+00	0.083028	0.000186	0.019294	1.31E+00		1.18839	0.07141	0.000152	0.020492	1.280444
3849	480863.09	3852877.25	12.49226	18.66686	13.76513	14.40607		1.13E+00	0.07897	0.00026	0.03337	1.24467		1.43E+00	0.099672	0.000219	0.019479	1.55E+00		1.408498	0.085725	0.000179	0.020688	1.51509
3850	481363.09	3852877.25	13.55845	18.07823	14.96695	16.97552		1.23E+00	0.07648	0.00028	0.03932	1.34477		1.55E+00	0.096529	0.000238	0.022953	1.67E+00		1.528711	0.083022	0.000194	0.024378	1.636305
3851	481863.09	3852877.25	13.56902	18.06835	14.55722	17.29608		1.23E+00	0.07644	0.00027	0.04006	1.34642		1.55E+00	0.096476	0.000231	0.023386	1.67E+00		1.529902	0.082977	0.000189	0.024838	1.637906
3852	482363.09	3852877.25	13.14151	21.28882	17.0775	22.37777		1.19E+00	0.09006	0.00032	0.05183	1.33312		1.50E+00	0.113672	0.000271	0.030257	1.65E+00		1.481701	0.097766	0.000222	0.032136	1.611824
3853	482863.09	3852877.25	13.57107	21.49285	17.82815	22.95806		1.23E+00	0.09093	0.00033	0.05318	1.37427		1.55E+00	0.114762	0.000283	0.031042	1.70E+00		1.530133	0.098703	0.000231	0.032969	1.662037
3854	483363.09	3852877.25	12.77289	22.68946	17.28036	11.89306		1.16E+00	0.09599	0.00032	0.02755	1.28136		1.46E+00	0.121151	0.000275	0.016081	1.60E+00		1.440139	0.104198	0.000224	0.017079	1.561641
3855	483863.09	3852877.25	8.89824	17.26417	12.13442	5.12534		8.06E-01	0.07304	0.00023	0.01187	0.89151		1.02E+00	0.092182	0.000193	0.00693	1.12E+00		1.003274	0.079283	0.000158	0.00736	1.090075
3856	484363.09	3852877.25	8.12796	22.72199	10.655	4.67936		7.37E-01	0.09613	0.0002	0.01084	0.84374		9.30E-01	0.121325	0.000169	0.006327	1.06E+00		0.916425	0.104348	0.000138	0.00672	1.027631
3857	484863.09	3852877.25	6.60671	21.31554	9.08483	4.78125		5.99E-01	0.09018	0.00017	0.01107	0.70013		7.56E-01	0.113815	0.000144	0.006465	8.76E-01		0.744904	0.097889	0.000118	0.006866	0.849777
3858	485363.09	3852877.25	4.35793	9.32001	6.04358	2.71173		3.95E-01	0.03943	0.00011	0.00628	0.44075		4.98E-01	0.049764	9.61E-05	0.003667	5.52E-01		0.491355	0.042801	7.84E-05	0.003894	0.538129
3859	485863.09	3852877.25	2.99246	8.75789	4.1361	2.35522		2.71E-01	0.03705	7.7E-05	0.00546	0.31377		3.42E-01	0.046763	6.57E-05	0.003185	3.92E-01		0.337399	0.040219	5.37E-05	0.003382	0.381054
3860	486363.09	3852877.25	2.10467	5.38775	2.73161	1.77488		1.91E-01	0.02279	5.1E-05	0.00411	0.21768		2.41E-01	0.028768	4.34E-05	0.0024	2.72E-01		0.237301	0.024743	3.55E-05	0.002549	0.264628
3861	486863.09	3852877.25	1.57356	4.26354	2.09276	1.67561		1.43E-01	0.01804	3.9E-05	0.00388	0.16456		1.80E-01	0.022765	3.33E-05	0.002266	2.05E-01		0.177418	0.01958	2.72E-05	0.002406	0.199432
3862	487363.09	3852877.25	1.14584	4.43563	1.53344	1.53492		1.04E-01	0.01876	2.9E-05	0.00356	0.12619		1.31E-01	0.023684	2.44E-05	0.002075	1.57E-01		0.129193	0.02037	1.99E-05	0.002204	0.151787
3863	487863.09	3852877.25	1.06217	3.21612	1.43981	1.48883		9.63E-02	0.01361	2.7E-05	0.00345	0.11334		1.21E-01	0.017173	2.29E-05	0.002013	1.41E-01		0.119759	0.01477	1.87E-05	0.002138	0.136686
3864	488363.09	3852877.25	1.02826	2.80741	1.2655	1.18428		9.32E-02	0.01188	2.4E-05	0.00274	0.10783		1.18E-01	0.01499	2.01E-05	0.001601	1.34E-01		0.115936	0.012893	1.64E-05	0.001701	0.130546
3865	488863.09	3852877.25	1.15877	3.45574	1.40194	1.16293		1.05E-01	0.01462	2.6E-05	0.00269	0.12235		1.33E-01	0.018452	2.23E-05	0.001572	1.53E-01		0.130651	0.01587	1.82E-05	0.00167	0.148209
3866	489363.09	3852877.25	1.15747	2.66413	1.51461	1.14053		1.05E-01	0.01127	2.8E-05	0.00264	0.11883		1.32E-01	0.014225	2.41E-05	0.001542	1.48E-01		0.130504	0.012235	1.97E-05	0.001638	0.144397
3867	489863.09	3852877.25	1.11262	2.40588	1.54341	1.11687		1.01E-01	0.01018	2.9E-05	0.00259	0.11362		1.27E-01	0.012846	2.45E-05	0.00151	1.42E-01		0.125448	0.011049	2E-05	0.001604	0.13812
3868	490363.09	3852877.25	1.11304	3.01767	1.49124	1.4012		1.01E-01	0.01277	2.8E-05	0.00325	0.11691		1.27E-01	0.016113	2.37E-05	0.001895	1.45E-01		0.125495	0.013858	1.94E-05	0.002012	0.141385
3869	490863.09	3852877.25	1.11917	3.14919	1.56849	1.45125		1.01E-01	0.01332	2.9E-05	0.00336	0.11813		1.28E-01	0.016815	2.49E-05	0.001962	1.47E-01		0.126186	0.014462	2.04E-05	0.002084	0.142753
3870	491363.09	3852877.25	1.1807	2.71458	1.6488	1.48097		1.07E-01	0.01148	3.1E-05	0.00343	0.12194		1.35E-01	0.014495	2.62E-05	0.002002	1.52E-01		0.133124	0.012466	2.14E-05	0.002127	0.147738
3871	491863.09	3852877.25	1.19886	2.90294	1.63027	1.33633		1.09E-01	0.01228	3.1E-05	0.0031	0.12405		1.37E-01	0.0155	2.59E-05	0.001807	1.54E-01		0.135171	0.013331	2.12E-05	0.001919	0.150443
3872	492363.09	3852877.25	1.1893	2.78356	1.56597	1.30031		1.08E-01	0.01178	2.9E-05	0.00301	0.12259		1.36E-01	0.014863	2.49E-05	0.001758	1.53E-01		0.134093	0.012783	2.03E-05	0.001867	0.148764
3873	492863.09	3852877.25	1.27871	3.56231	1.61109	1.31202		1.16E-01	0.01507	3E-05	0.00304	0.13402		1.46E-01	0.019021	2.56E-05	0.001774	1.67E-01		0.144174	0.016359	2.09E-05	0.001884	0.162439
3874	493363.09	3852877.25	1.38171	3.48516	1.79521	1.30802		1.25E-01	0.01474	3.4E-05	0.00303	0.14302		1.58E-01	0.018609	2.85E-05	0.001769	1.78E-01		0.155787	0.016005	2.33E-05	0.001878	0.173694
3875	493863.09	3852877.25	1.36935	2.8612	1.78772	1.28009		1.24E-01	0.0121	3.3E-05	0.00296	0.1392		1.57E-01	0.015277	2.84E-05	0.001731	1.74E-01		0.154394	0.01314	2.32E-05	0.001838	0.169395
3876	494363.09	3852877.25	1.38312	2.9164	1.78374	1.28477		1.25E-01	0.01234	3.3E-05	0.00298	0.14069		1.58E-01	0.015572	2.83E-05	0.001737	1.76E-01		0.155946	0.013393	2.32E-05	0.001845	0.171208
3877	494863.09	3852877.25	1.3857	2.94409	1.75402	1.29198		1.26E-01	0.01246	3.3E-05	0.00299	0.14106		1.58E-01	0.01572	2.79E-05	0.001747	1.76E-01		0.156237	0.01352	2.28E-05	0.001855	0.171636
3878	495363.09	3852877.25	1.30969	2.65407	1.60831	1.28755		1.19E-01	0.01123	3E-05	0.00298	0.13293		1.50E-01	0.014171	2.56E-05	0.001741	1.66E-01		0.147667	0.012188	2.09E-05	0.001849	0.161725
3879	495863.09	3852877.25	1.22936	2.62666	1.51276	1.28589		1.11E-01	0.01111	2.8E-05	0.00298	0.12553		1.41E-01	0.014025	2.4E-05	0.001739	1.56E-01		0.13861	0.012063	1.96E-05	0.001847	0.152539
3880	496363.09	3852877.25	1.17706	2.5848	1.4996	1.23038		1.07E-01	0.01094	2.8E-05	0.00285	0.12048		1.35E-01	0.013802	2.38E-05	0.001664	1.50E-01		0.132713	0.01187	1.95E-05	0.001767	0.14637
3881	496863.09	3852877.25	1.07152	2.56418	1.41407	1.13273		9.71E-02	0.01085	2.6E-05	0.00262	0.1106		1.23E-01	0.013691	2.25E-05	0.001532	1.38E-01		0.120814	0.011776	1.84E-05	0.001627	0.134234
3882	497363.09	3852877.25	0.89449	1.84998	1.23711	1.01267		8.11E-02	0.00783	2.3E-05	0.00235	0.09126		1.02E-01	0.009878	1.97E-05	0.001369	1.14E-01		0.100853	0.008496	1.61E-05	0.001454	0.11082
3883	497863.09	3852877.25	0.69448	1.02117	0.95368	0.94873		6.29E-02	0.00432	1.8E-05	0.0022	0.06947		7.94E-02	0.005453	1.52E-05	0.001283	8.62E-02		0.078302	0.00469	1.24E-05	0.001362	0.084367
3884	498363.09	3852877.25	0.68082	0.82996	0.9385	0.94761		6.17E-02	0.00351	1.8E-05	0.00219	0.06742		7.79E-02	0.004432	1.49E-05	0.001281	8.36E-02		0.076762	0.003811	1.22E-05	0.001361	0.081947
3885	471363.09	3853377.25	2.22462	3.82867	2.9489	2.49149		2.02E-01	0.0162	5.5E-05	0.00577	0.22362		2.54E-01	0.020443	4.69E-05	0.003369	2.78E-01		0.250825	0.017583	3.83E-05	0.003578	0.272024
3886	471863.09	3853377.25	2.53305	4.12155	3.3479	2.57937		2.30E-01	0.01744	6.3E-05	0.00597	0.25302		2.90E-01	0.022007	5.32E-05	0.003488	3.15E-01		0.285601	0.018928	4.35E-05	0.003704	0.308276
3887	472363.09	3853377.25	2.76134	4.19034	3.77432	2.68752		2.50E-01	0.01773	7.1E-05	0.00622	0.27426		3.16E-01	0.022374	6E-05	0.003634	3.42E-01		0.31134	0.019244	4.9E-05	0.003859	0.334492
3888	472863.09	3853377.25	2.97787	4.36684	4.09927	3.10236		2.70E-01	0.01847	7.7E-05	0.00719	0.2956		3.41E-01	0.023317	6.52E-05	0.004195	3.68E-01		0.335754	0.020054	5.32E-05	0.004455	0.360316
3889	473363.09	3853377.25	3.17996	4.37538	4.36245	3.19373		2.88E-01	0.01851	8.2E-05	0.0074	0.31416		3.64E-01	0.023362	6.93E-05	0.004318	3.91E-01		0.358539	0.020093	5.66E-05	0.004586	0.383276
3890	473863.09	3853377.25	3.40632	4.47561	4.63077	3.24499		3.09E-01	0.01893	8.7E-05	0.00752	0.33522		3.90E-01	0.023898	7.36E-05	0.004388	4.18E-01		0.384061	0.020554	6.01E-05	0.00466	0.409335
3891	474363.09	3853377.25	3.60278	4.67121	4.82926	3.30482		3.26E-01	0.01976	9E-05	0.00765	0.354		4.12E-01	0.024942	7.68E-05	0.004468	4.42E-01		0.406212	0.021452	6.27E-05	0.004746	0.432473
3892	474863.09	3853377.25	3.53921	5.02133	4.73146	3.30368		3.21E-01	0.02124	8.9E-05	0.00765	0.34971		4.05E-01	0.026811	7.52E-05	0.004467	4.36E-01		0.399045	0.02306	6.14E-05	0.004744	0.42691
3893	475363.09	3853377.25	3.56598	5.39553	4.68281	3.23564		3.23E-01	0.02283	8.8E-05	0.00749	0.35356		4.08E-01	0.02881	7.44E-05	0.004375	4.41E-01		0.402063	0.024778	6.08E-05	0.004647	0.431549
3894	475863.09	3853377.25	3.53099	5.71557	4.56356	3.07024		3.20E-01	0.02418	8.5E-05	0.00711	0.35136		4.04E-01	0.030518	7.25E-05	0.004151	4.39E-01		0.398118	0.026248	5.92E-05	0.004409	0.428834
3895	476363.09	3853377.25	3.42965	5.0366	4.37922	2.34071		3.11E-01	0.02131	8.2E-05	0.00542	0.33761		3.92E-01	0.026893	6.96E-05	0.003165	4.22E-01		0.386692	0.02313	5.68E-05	0.003361	0.41324
3896	476863.09	3853377.25	2.92157	3.78207	3.62743	2.00321		2.65E-01	0.016	6.8E-05	0.00464	0.28547		3.34E-01	0.020194	5.77E-05	0.002709	3.57E-01		0.329406	0.017369	4.71E-05	0.002877	0.349698
3897	477363.09	3853377.25	2.71967	3.61994	3.25175	1.77435		2.46E-01	0.01531	6.1E-05	0.00411	0.26595		3.11E-01	0.019329	5.17E-05	0.002399	3.33E-01		0.306642	0.016624	4.22E-05	0.002548	0.325856
3898	477863.09	3853377.25	2.53254	4.04294	2.88895	1.60022		2.30E-01	0.0171	5.4E-05	0.00371	0.25037		2.90E-01	0.021587	4.59E-05	0.002164	3.13E-01		0.285543	0.018567	3.75E-05	0.002298	0.306445
3899	478363.09	3853377.25	1.88601	3.17802	1.99391	1.38313		1.71E-01	0.01344	3.7E-05	0.0032	0.1876		2.16E-01	0.016969	3.17E-05	0.00187	2.35E-01		0.212647	0.014595	2.59E-05	0.001986	0.229254
3900	478863.09	3853377.25	1.39228	2.47266	1.62089	1.2741		1.26E-01	0.01046	3E-05	0.00295	0.13961		1.59E-01	0.013203	2.58E-05	0.001723	1.74E-01		0.156979	0.011355	2.1E-05	0.00183	0.170185

3901	479363.09	3853377.25	1.97225	3.38936	2.634	1.72645	1.79E-01	0.01434	4.9E-05	0.004	0.19712	2.26E-01	0.018098	4.19E-05	0.002334	2.46E-01	0.222371	0.015565	3.42E-05	0.002479	0.240449
3902	479863.09	3853377.25	4.40693	7.09171	5.94465	2.38936	3.99E-01	0.03	0.00011	0.00553	0.43501	5.04E-01	0.037866	9.45E-05	0.003231	5.45E-01	0.49688	0.032568	7.72E-05	0.003431	0.532956
3903	480363.09	3853377.25	10.44451	15.73304	13.54626	7.97703	9.47E-01	0.06656	0.00025	0.01848	1.03179	1.19E+00	0.084007	0.000215	0.010786	1.29E+00	1.177615	0.072252	0.000176	0.011455	1.261498
3904	480863.09	3853377.25	12.70949	18.4124	16.93942	8.01807	1.15E+00	0.07789	0.00032	0.01857	1.24854	1.45E+00	0.098313	0.000269	0.010841	1.56E+00	1.432991	0.084557	0.00022	0.011514	1.529281
3905	481363.09	3853377.25	13.80433	20.26413	15.04872	13.03622	1.25E+00	0.08573	0.00028	0.03019	1.36718	1.58E+00	0.108201	0.000239	0.017626	1.70E+00	1.556433	0.09306	0.000195	0.018721	1.66841
3906	481863.09	3853377.25	14.99313	21.48077	15.41118	17.34476	1.36E+00	0.09087	0.00029	0.04017	1.49005	1.71E+00	0.114697	0.000245	0.023452	1.85E+00	1.69047	0.098648	0.0002	0.024908	1.814226
3907	482363.09	3853377.25	15.91321	20.15361	17.60661	19.51767	1.44E+00	0.08526	0.00033	0.04521	1.57288	1.82E+00	0.107611	0.00028	0.02639	1.95E+00	1.794209	0.092553	0.000229	0.028028	1.915019
3908	482863.09	3853377.25	14.86602	26.65689	19.73835	24.84302	1.35E+00	0.11277	0.00037	0.05754	1.51787	1.70E+00	0.142335	0.000314	0.03359	1.88E+00	1.676139	0.122418	0.000256	0.035676	1.834489
3909	483363.09	3853377.25	15.43969	33.70322	20.23296	20.94354	1.40E+00	0.14258	0.00038	0.04851	1.59065	1.77E+00	0.179959	0.000322	0.028318	1.97E+00	1.74082	0.154778	0.000263	0.030076	1.925936
3910	483863.09	3853377.25	13.98764	33.6394	19.07208	10.8475	1.27E+00	0.14231	0.00036	0.02512	1.43538	1.60E+00	0.179618	0.000303	0.014667	1.79E+00	1.577102	0.154485	0.000248	0.015578	1.747411
3911	484363.09	3853377.25	11.3378	34.08863	15.02918	8.02126	1.03E+00	0.14421	0.00028	0.01858	1.19053	1.30E+00	0.182017	0.000239	0.010846	1.49E+00	1.278333	0.156548	0.000195	0.011519	1.446595
3912	484863.09	3853377.25	7.36275	20.7965	9.9927	4.71783	6.67E-01	0.08798	0.00019	0.01093	0.76632	8.42E-01	0.111043	0.000159	0.006379	9.60E-01	0.830148	0.095505	0.00013	0.006775	0.932558
3913	485363.09	3853377.25	3.48888	7.40983	5.07309	2.807	3.16E-01	0.03135	9.5E-05	0.0065	0.35411	3.99E-01	0.039565	8.06E-05	0.003795	4.42E-01	0.39337	0.034029	6.59E-05	0.004031	0.431496
3914	485863.09	3853377.25	1.99233	5.03749	2.53617	2.08472	1.81E-01	0.02131	4.7E-05	0.00483	0.20674	2.28E-01	0.026898	4.03E-05	0.002819	2.58E-01	0.224635	0.023134	3.29E-05	0.002994	0.250795
3915	486363.09	3853377.25	1.65116	4.29229	2.1371	1.78457	1.50E-01	0.01816	4E-05	0.00413	0.17196	1.89E-01	0.022919	3.4E-05	0.002413	2.14E-01	0.186168	0.019712	2.77E-05	0.002563	0.20847
3916	486863.09	3853377.25	1.36886	4.44732	1.7543	1.73764	1.24E-01	0.01881	3.3E-05	0.00402	0.14692	1.57E-01	0.023747	2.79E-05	0.002349	1.83E-01	0.154338	0.020424	2.28E-05	0.002495	0.17728
3917	487363.09	3853377.25	1.4229	5.06845	1.65817	1.54273	1.29E-01	0.02144	3.1E-05	0.00357	0.15399	1.63E-01	0.027063	2.64E-05	0.002086	1.92E-01	0.160431	0.023276	2.15E-05	0.002215	0.185945
3918	487863.09	3853377.25	1.57538	5.57627	1.68886	1.47533	1.43E-01	0.02359	3.2E-05	0.00342	0.1698	1.80E-01	0.029775	2.68E-05	0.001995	2.12E-01	0.177624	0.025608	2.19E-05	0.002119	0.205372
3919	488363.09	3853377.25	1.58325	4.06288	1.97745	1.41807	1.43E-01	0.01719	3.7E-05	0.00328	0.16399	1.81E-01	0.021694	3.14E-05	0.001917	2.05E-01	0.178511	0.018658	2.57E-05	0.002036	0.199231
3920	488863.09	3853377.25	1.44236	3.40697	1.92288	1.46085	1.31E-01	0.01441	3.6E-05	0.00338	0.14854	1.65E-01	0.018192	3.06E-05	0.001975	1.85E-01	0.162626	0.015646	2.5E-05	0.002098	0.180394
3921	489363.09	3853377.25	1.33706	3.45705	1.83264	1.52837	1.21E-01	0.01463	3.4E-05	0.00354	0.13937	1.53E-01	0.018459	2.91E-05	0.002067	1.73E-01	0.150753	0.015876	2.38E-05	0.002195	0.168848
3922	489863.09	3853377.25	1.29338	3.45022	1.75559	1.53333	1.17E-01	0.0146	3.3E-05	0.00355	0.13539	1.48E-01	0.018423	2.79E-05	0.002073	1.68E-01	0.145828	0.015845	2.28E-05	0.002202	0.163898
3923	490363.09	3853377.25	1.33737	4.18852	1.74888	1.52812	1.21E-01	0.01772	3.3E-05	0.00354	0.14249	1.53E-01	0.022365	2.78E-05	0.002066	1.77E-01	0.150788	0.019235	2.27E-05	0.002194	0.17224
3924	490863.09	3853377.25	1.39105	3.61154	1.74754	1.50924	1.26E-01	0.01528	3.3E-05	0.0035	0.14487	1.59E-01	0.019284	2.78E-05	0.002041	1.80E-01	0.15684	0.016586	2.27E-05	0.002167	0.175616
3925	491363.09	3853377.25	1.43582	3.57298	1.82446	1.42714	1.30E-01	0.01512	3.4E-05	0.00331	0.14857	1.64E-01	0.019078	2.9E-05	0.00193	1.85E-01	0.161888	0.016408	2.37E-05	0.002049	0.18037
3926	491863.09	3853377.25	1.4865	3.62499	1.95176	1.3434	1.35E-01	0.01534	3.7E-05	0.00311	0.15319	1.70E-01	0.019356	3.1E-05	0.001816	1.91E-01	0.167602	0.016647	2.53E-05	0.001929	0.186204
3927	492363.09	3853377.25	1.5769	4.29351	2.14669	1.34556	1.43E-01	0.01816	4E-05	0.00312	0.16422	1.80E-01	0.022925	3.41E-05	0.001819	2.05E-01	0.177795	0.019717	2.79E-05	0.001932	0.199472
3928	492863.09	3853377.25	1.66844	4.23113	2.27574	1.35729	1.51E-01	0.0179	4.3E-05	0.00314	0.17228	1.91E-01	0.022592	3.62E-05	0.001835	2.15E-01	0.188116	0.019431	2.95E-05	0.001949	0.209526
3929	493363.09	3853377.25	1.65554	4.10174	2.22435	1.35631	1.50E-01	0.01735	4.2E-05	0.00314	0.17056	1.89E-01	0.021901	3.54E-05	0.001834	2.13E-01	0.186662	0.018837	2.89E-05	0.001948	0.207475
3930	493863.09	3853377.25	1.63749	4.11367	2.16667	1.39856	1.48E-01	0.0174	4.1E-05	0.00324	0.16908	1.87E-01	0.021965	3.44E-05	0.001891	2.11E-01	0.184626	0.018892	2.81E-05	0.002008	0.205554
3931	494363.09	3853377.25	1.56789	3.41219	2.04248	1.37515	1.42E-01	0.01444	3.8E-05	0.00319	0.15974	1.79E-01	0.018219	3.25E-05	0.001859	1.99E-01	0.176779	0.01567	2.65E-05	0.001975	0.19445
3932	494863.09	3853377.25	1.49861	3.41426	1.94696	1.39654	1.36E-01	0.01444	3.6E-05	0.00323	0.15352	1.71E-01	0.018231	3.09E-05	0.001888	1.92E-01	0.168968	0.01568	2.53E-05	0.002006	0.186678
3933	495363.09	3853377.25	1.46555	3.02593	1.94419	1.41531	1.33E-01	0.0128	3.6E-05	0.00328	0.14893	1.68E-01	0.016157	3.09E-05	0.001914	1.86E-01	0.16524	0.013896	2.52E-05	0.002032	0.181194
3934	495863.09	3853377.25	1.37536	2.97014	1.86114	1.42405	1.25E-01	0.01257	3.5E-05	0.0033	0.14054	1.57E-01	0.015859	2.96E-05	0.001925	1.75E-01	0.155071	0.01364	2.42E-05	0.002045	0.170781
3935	496363.09	3853377.25	1.17028	2.27561	1.59945	1.20675	1.06E-01	0.00963	3E-05	0.0028	0.11851	1.34E-01	0.012151	2.54E-05	0.001632	1.48E-01	0.131949	0.01045	2.08E-05	0.001733	0.144153
3936	496863.09	3853377.25	0.94472	1.67949	1.32367	1.10079	8.56E-02	0.00711	2.5E-05	0.00255	0.09529	1.08E-01	0.008968	2.1E-05	0.001488	1.19E-01	0.106517	0.007713	1.72E-05	0.001581	0.115828
3937	497363.09	3853377.25	0.78191	1.279	1.05573	1.02017	7.09E-02	0.00541	2E-05	0.00236	0.07865	8.94E-02	0.006829	1.68E-05	0.001379	9.77E-02	0.08816	0.005874	1.37E-05	0.001465	0.095512
3938	497863.09	3853377.25	0.67931	0.9117	0.95087	1.0049	6.16E-02	0.00386	1.8E-05	0.00233	0.06776	7.77E-02	0.004868	1.51E-05	0.001359	8.39E-02	0.076592	0.004187	1.23E-05	0.001443	0.082234
3939	498363.09	3853377.25	0.6608	0.86935	0.92109	1.00317	5.99E-02	0.00368	1.7E-05	0.00232	0.0659	7.56E-02	0.004642	1.46E-05	0.001356	8.16E-02	0.074505	0.003992	1.2E-05	0.001441	0.07995
3940	471363.09	3853877.25	2.04597	3.29015	2.80508	1.96112	1.85E-01	0.01392	5.3E-05	0.00454	0.20392	2.34E-01	0.017568	4.46E-05	0.002652	2.54E-01	0.230682	0.01511	3.64E-05	0.002816	0.248645
3941	471863.09	3853877.25	2.32444	3.80449	3.21655	2.18886	2.11E-01	0.01609	6E-05	0.00507	0.23187	2.66E-01	0.020314	5.11E-05	0.00296	2.89E-01	0.26208	0.017472	4.18E-05	0.003143	0.282737
3942	472363.09	3853877.25	2.47175	4.03383	3.40792	2.36397	2.24E-01	0.01707	6.4E-05	0.00548	0.2466	2.83E-01	0.021539	5.42E-05	0.003196	3.08E-01	0.278689	0.018525	4.42E-05	0.003395	0.300653
3943	472863.09	3853877.25	2.68562	4.56155	3.71022	2.53628	2.43E-01	0.0193	6.9E-05	0.00587	0.26862	3.07E-01	0.024356	5.9E-05	0.003429	3.35E-01	0.302803	0.020948	4.82E-05	0.003642	0.327441
3944	473363.09	3853877.25	2.81131	4.77305	3.87165	2.73951	2.55E-01	0.02019	7.2E-05	0.00635	0.28138	3.22E-01	0.025486	6.15E-05	0.003704	3.51E-01	0.316974	0.02192	5.03E-05	0.003934	0.342878
3945	473863.09	3853877.25	2.98394	5.03807	3.9743	2.92574	2.70E-01	0.02131	7.4E-05	0.00678	0.29858	3.41E-01	0.026901	6.32E-05	0.003956	3.72E-01	0.336438	0.023137	5.16E-05	0.004202	0.363828
3946	474363.09	3853877.25	3.20584	5.3591	4.18009	3.11528	2.91E-01	0.02267	7.8E-05	0.00722	0.32049	3.67E-01	0.028615	6.64E-05	0.004212	4.00E-01	0.361457	0.024611	5.43E-05	0.004474	0.390596
3947	474863.09	3853877.25	3.37565	5.56785	4.46849	3.23386	3.06E-01	0.02355	8.4E-05	0.00749	0.33704	3.86E-01	0.02973	7.1E-05	0.004373	4.20E-01	0.380603	0.02557	5.8E-05	0.004644	0.410875
3948	475363.09	3853877.25	3.26728	5.03661	4.38708	2.85845	2.96E-01	0.02131	8.2E-05	0.00662	0.3241	3.74E-01	0.026893	6.97E-05	0.003865	4.05E-01	0.368385	0.02313	5.69E-05	0.004105	0.395677
3949	475863.09	3853877.25	2.76173	3.60984	3.84837	2.8336	2.50E-01	0.01527	7.2E-05	0.00656	0.27218	3.16E-01	0.019275	6.12E-05	0.003831	3.39E-01	0.311384	0.016578	5E-05	0.004069	0.332081
3950	476363.09	3853877.25	2.19313	2.60614	3.09328	2.78643	1.99E-01	0.01103	5.8E-05	0.00645	0.21628	2.51E-01	0.013916	4.92E-05	0.003768	2.69E-01	0.247275	0.011968	4.02E-05	0.004001	0.263285
3951	476863.09	3853877.25	2.06841	1.8988	2.8097	2.72699	1.87E-01	0.00803	5.3E-05	0.00632	0.20185	2.37E-01	0.010139	4.47E-05	0.003687	2.50E-01	0.233213	0.00872	3.65E-05	0.003916	0.245885
3952	477363.09	3853877.25	2.10516	2.26297	2.79195	2.64958	1.91E-01	0.00957	5.2E-05	0.00614	0.20654	2.41E-01	0.012083	4.44E-05	0.003583	2.56E-01	0.237356	0.010392	3.62E-05	0.003805	0.25159
3953	477863.09	3853877.25	2.15951	2.63639	2.86788	2.50933	1.96E-01	0.01115	5.4E-05	0.00581	0.21272	2.47E-01	0.014077	4.56E-05	0.003393	2.65E-01	0.243484	0.012107	3.72E-05	0.003604	0.259232
3954	478363.09	3853877.25	2.18466	2.65035	2.76756	2.27315	1.98E-01	0.01121	5.2E-05	0.00527	0.21451	2.50E-01	0.014152	4.4E-05	0.003074	2.67E-01	0.24632	0.012171	3.59E-05	0.003264	0.261791
3955	478863.09	3853877.25	2.10971	3.10663	2.47075	1.90489	1.91E-01	0.01314	4.6E-05	0.00441	0.20879	2.41E-01	0.016588	3.93E-05	0.002576	2.61E-01	0.237869	0.014267	3.21E-05	0.002736	0.254903
3956	479363.09	3853877.25	2.09041	3.88169	2.40563	1.53604	1.89E-01	0.01642	4.5E-05	0.00356	0.20946	2.39E-01	0.020726	3.82E-05	0.002077	2.62E-01	0.235693	0.017826	3.12E-05	0.002206	0.255756
3957	479863.09	3853877.25	3.8199	7.30315	4.50026	2.04071	3.46E-01	0.0309	8.4E-05	0.00473	0.38187	4.37E-01	0.038995	7.15E-05	0.002759	4.79E-01	0.430692	0.033539	5.84E-05	0.002931	0.46722
3958	480363.09	3853877.25	6.01685	11.78293	8.44763	2.96643	5.45E-01	0.04985	0.00016	0.00687	0.60214	6.88E-01	0.062915	0.000134	0.004011	7.55E-01	0.678398	0.054112	0.00011	0.00426	0.736879
3959	480863.09	3853877.25	9.99204	21.43409	13.59519	8.12751	9.05E-01	0.09068	0.00025	0.01882	1.01526	1.14E+00	0.114448	0.000216	0.010989	1.27E+00	1.126599	0.098433	0.000176	0.011672	1.23688
3960	481363.09	3853877.25	10.22126	18.48945	13.06758	12.34154	9.26E-01	0.07822	0.00024	0.02859	1.03332	1.17E+00	0.098725	0.000208	0.016687	1.28E+00	1.152444	0.08491	0.00017	0.017723	1.255247
3961	481863.09	3853877.25	12.13886	21.52082	12.5085	15.13409	1.10E+00	0.09104	0.00023	0.03505	1.22638	1.39E+00	0.114911	0.000199	0.020463	1.52E+00	1.368652	0.098832	0.000162	0.021733	1.48938

3962	482363.09	3853877.25	16.44023	24.77595	15.58851	16.30463	1.49E+00	0.10481	0.00029	0.03776	1.63272	1.88E+00	0.132292	0.000248	0.022046	2.03E+00	1.85363	0.11378	0.000202	0.023414	1.991027
3963	482863.09	3853877.25	21.65822	26.01011	19.35317	19.96704	1.96E+00	0.11004	0.00036	0.04625	2.11936	2.48E+00	0.138882	0.000308	0.026998	2.64E+00	2.441957	0.119448	0.000251	0.028674	2.59033
3964	483363.09	3853877.25	17.28024	37.02665	23.12231	21.95542	1.57E+00	0.15664	0.00043	0.05085	1.7739	1.98E+00	0.197705	0.000367	0.029686	2.20E+00	1.948341	0.17004	0.0003	0.031529	2.150211
3965	483863.09	3853877.25	16.91602	42.5233	22.43409	20.07227	1.53E+00	0.1799	0.00042	0.04649	1.75977	1.93E+00	0.227054	0.000357	0.02714	2.19E+00	1.907275	0.195283	0.000291	0.028825	2.131674
3966	484363.09	3853877.25	14.75213	41.92584	19.50609	8.42254	1.34E+00	0.17737	0.00037	0.01951	1.53411	1.69E+00	0.223864	0.00031	0.011388	1.92E+00	1.663298	0.192539	0.000253	0.012095	1.868185
3967	484863.09	3853877.25	7.66035	13.87575	10.0014	3.88728	6.94E-01	0.0587	0.00019	0.009	0.76209	8.76E-01	0.07409	0.000159	0.005256	9.56E-01	0.863702	0.063723	0.00013	0.005582	0.933137
3968	485363.09	3853877.25	2.78438	8.28757	3.58681	2.80523	2.52E-01	0.03506	6.7E-05	0.0065	0.29395	3.18E-01	0.044252	5.7E-05	0.003793	3.67E-01	0.313938	0.03806	4.66E-05	0.004028	0.356073
3969	485863.09	3853877.25	2.96239	6.54483	3.82783	2.57195	2.68E-01	0.02769	7.2E-05	0.00596	0.30217	3.39E-01	0.034946	6.08E-05	0.003478	3.77E-01	0.334008	0.030056	4.97E-05	0.003693	0.367808
3970	486363.09	3853877.25	2.33724	7.17524	2.9911	2.21422	2.12E-01	0.03035	5.6E-05	0.00513	0.24735	2.67E-01	0.038312	4.75E-05	0.002994	3.09E-01	0.263523	0.032951	3.88E-05	0.00318	0.299693
3971	486863.09	3853877.25	1.90686	6.71062	2.14925	1.74455	1.73E-01	0.02839	4E-05	0.00404	0.20527	2.18E-01	0.035831	3.42E-05	0.002359	2.56E-01	0.214998	0.030818	2.79E-05	0.002505	0.248349
3972	487363.09	3853877.25	1.83709	5.4007	2.38835	1.57148	1.66E-01	0.02285	4.5E-05	0.00364	0.19301	2.10E-01	0.028837	3.8E-05	0.002125	2.41E-01	0.207131	0.024802	3.1E-05	0.002257	0.234221
3973	487863.09	3853877.25	2.4793	6.26863	3.06398	1.65343	2.25E-01	0.02652	5.7E-05	0.00383	0.25509	2.84E-01	0.033471	4.87E-05	0.002236	3.19E-01	0.27954	0.028788	3.98E-05	0.002374	0.310742
3974	488363.09	3853877.25	2.56624	6.47262	3.3825	1.65543	2.33E-01	0.02738	6.3E-05	0.00383	0.26384	2.94E-01	0.034561	5.38E-05	0.002238	3.30E-01	0.289343	0.029725	4.39E-05	0.002377	0.321489
3975	488863.09	3853877.25	2.78468	7.44266	3.72033	1.69697	2.52E-01	0.03149	7E-05	0.00393	0.28784	3.19E-01	0.03974	5.91E-05	0.002294	3.61E-01	0.313972	0.034179	4.83E-05	0.002437	0.350636
3976	489363.09	3853877.25	2.23995	5.86992	2.82258	1.62921	2.03E-01	0.02483	5.3E-05	0.00377	0.23165	2.56E-01	0.031343	4.49E-05	0.002203	2.90E-01	0.252554	0.026957	3.66E-05	0.00234	0.281887
3977	489863.09	3853877.25	2.12758	7.37963	2.6276	1.61206	1.93E-01	0.03122	4.9E-05	0.00373	0.22781	2.43E-01	0.039404	4.18E-05	0.00218	2.85E-01	0.239884	0.03389	3.41E-05	0.002315	0.276123
3978	490363.09	3853877.25	1.95579	5.3622	2.45841	1.61333	1.77E-01	0.02268	4.6E-05	0.00374	0.20371	2.24E-01	0.028632	3.91E-05	0.002181	2.55E-01	0.220515	0.024625	3.19E-05	0.002317	0.247489
3979	490863.09	3853877.25	1.97146	5.37683	2.50119	1.65488	1.79E-01	0.02275	4.7E-05	0.00383	0.20528	2.25E-01	0.02871	3.98E-05	0.002238	2.56E-01	0.222281	0.024692	3.25E-05	0.002376	0.249383
3980	491363.09	3853877.25	2.03808	5.44364	2.55875	1.62794	1.85E-01	0.02303	4.8E-05	0.00377	0.21154	2.33E-01	0.029066	4.07E-05	0.002201	2.64E-01	0.229793	0.024999	3.32E-05	0.002338	0.257163
3981	491863.09	3853877.25	2.10624	5.50214	2.5759	1.72625	1.91E-01	0.02328	4.8E-05	0.004	0.2182	2.41E-01	0.029379	4.09E-05	0.002334	2.73E-01	0.237478	0.025268	3.34E-05	0.002479	0.265258
3982	492363.09	3853877.25	2.33371	6.123	2.92177	1.92282	2.11E-01	0.0259	5.5E-05	0.00445	0.2419	2.67E-01	0.032694	4.64E-05	0.0026	3.02E-01	0.263125	0.028119	3.79E-05	0.002761	0.294043
3983	492863.09	3853877.25	2.38408	6.55139	3.0784	2.00365	2.16E-01	0.02772	5.8E-05	0.00464	0.24846	2.73E-01	0.034981	4.89E-05	0.002709	3.10E-01	0.268804	0.030086	4E-05	0.002877	0.301808
3984	493363.09	3853877.25	2.22597	6.18418	2.9255	1.99977	2.02E-01	0.02616	5.5E-05	0.00463	0.23257	2.55E-01	0.033021	4.65E-05	0.002704	2.90E-01	0.250977	0.0284	3.8E-05	0.002872	0.282287
3985	493863.09	3853877.25	2.03855	5.35829	2.63421	2.02456	1.85E-01	0.02267	4.9E-05	0.00469	0.21214	2.33E-01	0.028611	4.19E-05	0.002737	2.65E-01	0.229846	0.024607	3.42E-05	0.002907	0.257395
3986	494363.09	3853877.25	1.93412	4.64449	2.56022	1.75255	1.75E-01	0.01965	4.8E-05	0.00406	0.19903	2.21E-01	0.024799	4.07E-05	0.00237	2.48E-01	0.218071	0.021329	3.32E-05	0.002517	0.241951
3987	494863.09	3853877.25	1.77572	3.9384	2.37048	1.71497	1.61E-01	0.01666	4.4E-05	0.00397	0.1816	2.03E-01	0.021029	3.77E-05	0.002319	2.26E-01	0.200212	0.018087	3.08E-05	0.002463	0.220792
3988	495363.09	3853877.25	1.46366	2.70636	2.02975	1.44025	1.33E-01	0.01145	3.8E-05	0.00334	0.14746	1.67E-01	0.014451	3.23E-05	0.001947	1.84E-01	0.165027	0.012429	2.63E-05	0.002068	0.17955
3989	495863.09	3853877.25	1.1788	2.03886	1.62448	1.20057	1.07E-01	0.00863	3E-05	0.00278	0.11826	1.35E-01	0.010887	2.58E-05	0.001623	1.47E-01	0.132909	0.009363	2.11E-05	0.001724	0.144018
3990	496363.09	3853877.25	1.00569	2.07517	1.35521	1.09961	9.11E-02	0.00878	2.5E-05	0.00255	0.10249	1.15E-01	0.01108	2.15E-05	0.001487	1.28E-01	0.113391	0.00953	1.76E-05	0.001579	0.124518
3991	496863.09	3853877.25	0.92366	1.72342	1.21417	1.05651	8.37E-02	0.00729	2.3E-05	0.00245	0.09346	1.06E-01	0.009202	1.93E-05	0.001429	1.16E-01	0.104142	0.007915	1.58E-05	0.001517	0.11359
3992	497363.09	3853877.25	0.87784	1.44832	1.03236	1.01157	7.96E-02	0.00613	1.9E-05	0.00234	0.08804	1.00E-01	0.007733	1.64E-05	0.001368	1.10E-01	0.098976	0.006651	1.34E-05	0.001453	0.107093
3993	497863.09	3853877.25	0.79531	1.43606	0.90932	1.00471	7.21E-02	0.00608	1.7E-05	0.00233	0.08049	9.10E-02	0.007668	1.45E-05	0.001358	1.00E-01	0.089671	0.006595	1.18E-05	0.001443	0.09772
3994	498363.09	3853877.25	0.79394	1.51028	0.87871	0.98976	7.19E-02	0.00639	1.6E-05	0.00229	0.08065	9.08E-02	0.008064	1.4E-05	0.001338	1.00E-01	0.089516	0.006936	1.14E-05	0.001421	0.097885
3995	471363.09	3854377.25	1.98287	3.84876	2.69891	1.62568	1.80E-01	0.01628	5.1E-05	0.00377	0.19979	2.27E-01	0.020551	4.29E-05	0.002198	2.50E-01	0.223568	0.017675	3.5E-05	0.002335	0.243612
3996	471863.09	3854377.25	2.21547	4.24484	2.93708	1.7862	2.01E-01	0.01796	5.5E-05	0.00414	0.22292	2.53E-01	0.022665	4.67E-05	0.002415	2.79E-01	0.249793	0.019494	3.81E-05	0.002565	0.271891
3997	472363.09	3854377.25	2.36172	4.44936	3.12378	1.90541	2.14E-01	0.01882	5.8E-05	0.00441	0.23732	2.70E-01	0.023757	4.96E-05	0.002576	2.97E-01	0.266283	0.020433	4.05E-05	0.002736	0.289493
3998	472863.09	3854377.25	2.4592	4.59416	3.24867	2.01976	2.23E-01	0.01944	6.1E-05	0.00468	0.24703	2.81E-01	0.024531	5.16E-05	0.002731	3.09E-01	0.277274	0.021098	4.22E-05	0.0029	0.301315
3999	473363.09	3854377.25	2.60737	4.88601	3.43858	2.19125	2.36E-01	0.02067	6.4E-05	0.00508	0.2621	2.98E-01	0.026089	5.46E-05	0.002963	3.27E-01	0.29398	0.022438	4.46E-05	0.003147	0.31961
4000	473863.09	3854377.25	2.78893	5.26752	3.67719	2.37852	2.53E-01	0.02228	6.9E-05	0.00551	0.2806	3.19E-01	0.028126	5.84E-05	0.003216	3.50E-01	0.314451	0.02419	4.77E-05	0.003416	0.342105
4001	474363.09	3854377.25	2.95248	5.6873	3.94013	2.52672	2.68E-01	0.02406	7.4E-05	0.00585	0.29755	3.38E-01	0.030367	6.26E-05	0.003416	3.72E-01	0.332891	0.026118	5.11E-05	0.003629	0.362689
4002	474863.09	3854377.25	2.78859	5.22659	3.84081	2.58561	2.53E-01	0.02211	7.2E-05	0.00599	0.28088	3.19E-01	0.027907	6.1E-05	0.003496	3.50E-01	0.314413	0.024002	4.99E-05	0.003713	0.342178
4003	475363.09	3854377.25	2.2742	4.16553	3.08417	2.60684	2.06E-01	0.01762	5.8E-05	0.00604	0.22981	2.60E-01	0.022242	4.9E-05	0.003525	2.86E-01	0.256415	0.01913	4E-05	0.003744	0.279329
4004	475863.09	3854377.25	1.56731	2.77428	2.0937	2.74403	1.42E-01	0.01174	3.9E-05	0.00636	0.16016	1.79E-01	0.014813	3.33E-05	0.00371	1.98E-01	0.176714	0.012741	2.72E-05	0.003941	0.193422
4005	476363.09	3854377.25	1.68974	2.45317	2.29794	2.84612	1.53E-01	0.01038	4.3E-05	0.00659	0.17014	1.93E-01	0.013099	3.65E-05	0.003848	2.10E-01	0.190518	0.011266	2.98E-05	0.004087	0.2059
4006	476863.09	3854377.25	1.81131	2.14107	2.50376	2.91388	1.64E-01	0.00906	4.7E-05	0.00675	0.18	2.07E-01	0.011432	3.98E-05	0.00394	2.23E-01	0.204225	0.009833	3.25E-05	0.004184	0.218274
4007	477363.09	3854377.25	1.92398	1.79795	2.7171	2.8628	1.74E-01	0.00761	5.1E-05	0.00663	0.18864	2.20E-01	0.0096	4.32E-05	0.003871	2.34E-01	0.216928	0.008257	3.53E-05	0.004111	0.229331
4008	477863.09	3854377.25	2.02209	1.62401	2.87049	2.88192	1.83E-01	0.00687	5.4E-05	0.00668	0.19685	2.31E-01	0.008671	4.56E-05	0.003897	2.44E-01	0.22799	0.007458	3.73E-05	0.004139	0.239624
4009	478363.09	3854377.25	2.10181	1.78926	2.96448	2.94749	1.90E-01	0.00757	5.5E-05	0.00683	0.20492	2.40E-01	0.009554	4.71E-05	0.003985	2.54E-01	0.236978	0.008217	3.85E-05	0.004233	0.249467
4010	478863.09	3854377.25	2.16113	2.10812	3.00705	2.90314	1.96E-01	0.00892	5.6E-05	0.00672	0.21155	2.47E-01	0.011256	4.78E-05	0.003925	2.62E-01	0.243667	0.009681	3.9E-05	0.004169	0.257556
4011	479363.09	3854377.25	2.75148	3.20579	3.87981	2.83751	2.49E-01	0.01356	7.3E-05	0.00657	0.26955	3.15E-01	0.017117	6.17E-05	0.003837	3.36E-01	0.310228	0.014722	5.04E-05	0.004075	0.329076
4012	479863.09	3854377.25	3.74902	5.56061	5.19223	2.72032	3.40E-01	0.02352	9.7E-05	0.0063	0.36967	4.29E-01	0.029691	8.25E-05	0.003678	4.62E-01	0.422701	0.025536	6.74E-05	0.003907	0.452211
4013	480363.09	3854377.25	4.83821	9.07727	6.2958	3.0479	4.38E-01	0.0384	0.00012	0.00706	0.48403	5.53E-01	0.048468	0.0001	0.004121	6.06E-01	0.545507	0.041686	8.17E-05	0.004377	0.591651
4014	480863.09	3854377.25	7.61425	19.03421	10.19348	4.72029	6.90E-01	0.08052	0.00019	0.01093	0.78167	8.71E-01	0.101634	0.000162	0.006382	9.79E-01	0.858504	0.087412	0.000132	0.006779	0.952827
4015	481363.09	3854377.25	9.59462	28.22153	13.00636	8.11974	8.69E-01	0.11939	0.00024	0.01881	1.00793	1.10E+00	0.150689	0.000207	0.010979	1.26E+00	1.08179	0.129604	0.000169	0.01166	1.223223
4016	481863.09	3854377.25	8.80376	22.80454	12.42305	14.93241	7.98E-01	0.09647	0.00023	0.03459	0.92911	1.01E+00	0.121765	0.000197	0.02019	1.15E+00	0.992621	0.104727	0.000161	0.021444	1.118953
4017	482363.09	3854377.25	10.23321	25.27443	12.03633	15.10012	9.27E-01	0.10692	0.00023	0.03497	1.06948	1.17E+00	0.134953	0.000191	0.020417	1.33E+00	1.153791	0.11607	0.000156	0.021685	1.291701
4018	482863.09	3854377.25	17.48374	30.95296	15.04742	18.87341	1.58E+00	0.13095	0.00028	0.04371	1.75936	2.00E+00	0.165274	0.000239	0.025519	2.19E+00	1.971286	0.142147	0.000195	0.027103	2.140732
4019	483363.09	3854377.25	20.82827	44.95653	23.38886	17.97091	1.89E+00	0.19019	0.00044	0.04162	2.11975	2.38E+00	0.240046	0.000372	0.024299	2.65E+00	2.34838	0.206457	0.000304	0.025807	2.580948
4020	483863.09	3854377.25	25.43024	60.07565	35.49412	15.38726	2.30E+00	0.25415	0.00066	0.03564	2.595	2.91E+00	0.320775	0.000564	0.020805	3.25E+00	2.867251	0.27589	0.000461	0.022097	3.165698
4021	484363.09	3854377.25	18.30502	21.02009	22.15721	8.37774	1.66E+00	0.08893	0.00041	0.0194	1.76758	2.09E+00	0.112237	0.000352	0.011328	2.22E+00	2.063885	0.096532	0.000288	0.012031	2.172735
4022	484863.09	3854377.25	4.86028	10.41	6.47321	4.55798	4.40E-01	0.04404	0.00012	0.01056	0.49517	5.56E-01	0.055584	0.000103	0.006163	6.18E-01	0.547995	0.047807	8.4E-05	0.006545	0.602431

4023	485363.09	3854377.25	5.43417	13.01927	7.64804	3.33432	4.92E-01	0.05508	0.00014	0.00772	0.5554	6.22E-01	0.069517	0.000122	0.004508	6.96E-01	0.612701	0.059789	9.93E-05	0.004788	0.677378
4024	485863.09	3854377.25	3.33824	10.64817	4.487	2.94399	3.03E-01	0.04505	8.4E-05	0.00682	0.35447	3.82E-01	0.056856	7.13E-05	0.003981	4.43E-01	0.376385	0.0489	5.82E-05	0.004228	0.429572
4025	486363.09	3854377.25	3.44679	8.33455	4.30791	2.60037	3.12E-01	0.03526	8.1E-05	0.00602	0.35372	3.94E-01	0.044503	6.85E-05	0.003516	4.42E-01	0.388624	0.038275	5.59E-05	0.003734	0.43069
4026	486863.09	3854377.25	2.56032	9.4204	3.35624	1.97965	2.32E-01	0.03985	6.3E-05	0.00459	0.27652	2.93E-01	0.0503	5.33E-05	0.002677	3.46E-01	0.288675	0.043262	4.36E-05	0.002843	0.334824
4027	487363.09	3854377.25	2.80785	7.90749	3.62049	1.93397	2.54E-01	0.03345	6.8E-05	0.00448	0.29245	3.21E-01	0.042222	5.75E-05	0.002615	3.66E-01	0.316584	0.036314	4.7E-05	0.002777	0.355723
4028	487863.09	3854377.25	3.55479	9.8415	4.19635	1.81936	3.22E-01	0.04163	7.9E-05	0.00421	0.36807	4.07E-01	0.052549	6.67E-05	0.00246	4.62E-01	0.400801	0.045196	5.45E-05	0.002613	0.448664
4029	488363.09	3854377.25	3.84244	11.36982	4.34123	1.802	3.48E-01	0.0481	8.1E-05	0.00417	0.40057	4.39E-01	0.060709	6.9E-05	0.002436	5.03E-01	0.433234	0.052214	5.64E-05	0.002588	0.488092
4030	488863.09	3854377.25	3.8779	12.02045	4.35571	1.90642	3.51E-01	0.05085	8.2E-05	0.00442	0.40677	4.44E-01	0.064183	6.92E-05	0.002578	5.10E-01	0.437232	0.055202	5.65E-05	0.002738	0.495229
4031	489363.09	3854377.25	3.79374	11.996	4.31206	1.96498	3.44E-01	0.05075	8.1E-05	0.00455	0.39918	4.34E-01	0.064053	6.85E-05	0.002657	5.01E-01	0.427743	0.05509	5.6E-05	0.002822	0.485711
4032	489863.09	3854377.25	3.59935	10.62823	4.18513	2.04786	3.26E-01	0.04496	7.8E-05	0.00474	0.37597	4.12E-01	0.05675	6.65E-05	0.002769	4.71E-01	0.405825	0.048809	5.43E-05	0.002941	0.457629
4033	490363.09	3854377.25	3.35626	9.22103	4.01883	2.12683	3.04E-01	0.03901	7.5E-05	0.00493	0.34816	3.84E-01	0.049236	6.39E-05	0.002876	4.36E-01	0.378417	0.042346	5.22E-05	0.003054	0.42387
4034	490863.09	3854377.25	2.38228	6.06265	2.65603	2.05296	2.16E-01	0.02565	5E-05	0.00476	0.24634	2.72E-01	0.032372	4.22E-05	0.002776	3.08E-01	0.268601	0.027842	3.45E-05	0.002948	0.299426
4035	491363.09	3854377.25	2.8865	7.1996	3.38194	2.18595	2.62E-01	0.03046	6.3E-05	0.00506	0.29717	3.30E-01	0.038442	5.37E-05	0.002956	3.72E-01	0.325452	0.033063	4.39E-05	0.003139	0.361698
4036	491863.09	3854377.25	3.1312	8.40523	3.8245	2.20862	2.84E-01	0.03556	7.2E-05	0.00512	0.3245	3.58E-01	0.04488	6.08E-05	0.002986	4.06E-01	0.353042	0.0386	4.96E-05	0.003172	0.394863
4037	492363.09	3854377.25	3.15283	8.51514	3.90448	2.20802	2.86E-01	0.03602	7.3E-05	0.00511	0.32693	3.61E-01	0.045467	6.21E-05	0.002985	4.09E-01	0.355481	0.039105	5.07E-05	0.003171	0.397807
4038	492863.09	3854377.25	3.058	7.76923	3.73865	2.19762	2.77E-01	0.03287	7E-05	0.00509	0.31515	3.50E-01	0.041484	5.94E-05	0.002971	3.94E-01	0.344788	0.035679	4.85E-05	0.003156	0.383672
4039	493363.09	3854377.25	2.8914	8.21614	3.45358	2.18159	2.62E-01	0.03476	6.5E-05	0.00505	0.3019	3.31E-01	0.04387	5.49E-05	0.00295	3.78E-01	0.326004	0.037732	4.48E-05	0.003133	0.366914
4040	493863.09	3854377.25	2.68993	7.41281	3.12385	2.05319	2.44E-01	0.03136	5.8E-05	0.00476	0.27994	3.08E-01	0.039581	4.96E-05	0.002776	3.50E-01	0.303289	0.034042	4.05E-05	0.002948	0.34032
4041	494363.09	3854377.25	2.49288	5.91824	2.8576	2.03695	2.26E-01	0.02504	5.3E-05	0.00472	0.25572	2.85E-01	0.031601	4.54E-05	0.002754	3.20E-01	0.281071	0.027179	3.71E-05	0.002925	0.311212
4042	494863.09	3854377.25	1.72518	3.25159	2.13588	1.42401	1.56E-01	0.01376	4E-05	0.0033	0.17343	1.97E-01	0.017362	3.39E-05	0.001925	2.17E-01	0.194513	0.014933	2.77E-05	0.002045	0.211519
4043	495363.09	3854377.25	1.32296	2.59457	1.50487	1.14602	1.20E-01	0.01098	2.8E-05	0.00265	0.13355	1.51E-01	0.013854	2.39E-05	0.00155	1.67E-01	0.149163	0.011915	1.95E-05	0.001646	0.162744
4044	495863.09	3854377.25	1.14844	2.33839	1.3213	1.12787	1.04E-01	0.00989	2.5E-05	0.00261	0.1166	1.31E-01	0.012486	2.1E-05	0.001525	1.45E-01	0.129486	0.010739	1.72E-05	0.00162	0.141862
4045	496363.09	3854377.25	1.13576	2.11271	1.26192	1.15162	1.03E-01	0.00894	2.4E-05	0.00267	0.11455	1.30E-01	0.011281	2.01E-05	0.001557	1.43E-01	0.128057	0.009702	1.64E-05	0.001654	0.139429
4046	496863.09	3854377.25	1.02582	1.83381	1.20104	1.04574	9.30E-02	0.00776	2.2E-05	0.00242	0.10316	1.17E-01	0.009792	1.91E-05	0.001414	1.29E-01	0.115661	0.008422	1.56E-05	0.001502	0.1256
4047	497363.09	3854377.25	0.95429	1.75869	1.09509	1.06396	8.65E-02	0.00744	2.1E-05	0.00246	0.0964	1.09E-01	0.009391	1.74E-05	0.001439	1.20E-01	0.107596	0.008077	1.42E-05	0.001528	0.117215
4048	497863.09	3854377.25	0.93903	1.73111	1.07301	1.08705	8.51E-02	0.00732	2E-05	0.00252	0.09496	1.07E-01	0.009243	1.71E-05	0.00147	1.18E-01	0.105875	0.00795	1.39E-05	0.001561	0.1154
4049	498363.09	3854377.25	0.92292	1.69356	1.04841	1.10683	8.36E-02	0.00716	2E-05	0.00256	0.09338	1.06E-01	0.009043	1.67E-05	0.001497	1.16E-01	0.104059	0.007777	1.36E-05	0.001589	0.113439
4050	471363.09	3854877.25	1.87973	3.47362	2.69783	1.57444	1.70E-01	0.0147	5.1E-05	0.00365	0.18874	2.15E-01	0.018547	4.29E-05	0.002129	2.36E-01	0.211939	0.015952	3.5E-05	0.002261	0.230187
4051	471863.09	3854877.25	2.00995	3.76236	2.88132	1.67203	1.82E-01	0.01592	5.4E-05	0.00387	0.20199	2.30E-01	0.020089	4.58E-05	0.002261	2.52E-01	0.226621	0.017278	3.74E-05	0.002401	0.246338
4052	472363.09	3854877.25	2.10163	4.06365	3.01148	1.73727	1.90E-01	0.01719	5.6E-05	0.00402	0.21173	2.40E-01	0.021698	4.79E-05	0.002349	2.64E-01	0.236958	0.018662	3.91E-05	0.002495	0.258154
4053	472863.09	3854877.25	2.09523	4.19858	3.03168	1.71548	1.90E-01	0.01776	5.7E-05	0.00397	0.21167	2.40E-01	0.022418	4.82E-05	0.00232	2.64E-01	0.236236	0.019281	3.94E-05	0.002464	0.258021
4054	473363.09	3854877.25	2.28053	4.65769	3.27894	1.83615	2.07E-01	0.0197	6.1E-05	0.00425	0.23069	2.61E-01	0.02487	5.21E-05	0.002483	2.88E-01	0.257129	0.02139	4.26E-05	0.002637	0.281198
4055	473863.09	3854877.25	2.46588	5.0688	3.47884	1.94731	2.23E-01	0.02144	6.5E-05	0.00451	0.24948	2.82E-01	0.027065	5.53E-05	0.002633	3.12E-01	0.278027	0.023278	4.52E-05	0.002796	0.304147
4056	474363.09	3854877.25	2.70446	5.63224	3.76315	2.15218	2.45E-01	0.02383	7E-05	0.00498	0.27397	3.09E-01	0.030073	5.98E-05	0.00291	3.42E-01	0.304927	0.025865	4.88E-05	0.003091	0.333932
4057	474863.09	3854877.25	2.14504	4.60037	2.97922	1.74087	1.94E-01	0.01946	5.6E-05	0.00403	0.21794	2.45E-01	0.024564	4.73E-05	0.002354	2.72E-01	0.241853	0.021127	3.87E-05	0.0025	0.265518
4058	475363.09	3854877.25	1.33572	2.63536	1.78162	1.85802	1.21E-01	0.01115	3.3E-05	0.0043	0.13653	1.53E-01	0.014072	2.83E-05	0.002512	1.69E-01	0.150602	0.012103	2.31E-05	0.002668	0.165396
4059	475863.09	3854877.25	1.22901	2.3355	1.40343	2.07428	1.11E-01	0.00988	2.6E-05	0.0048	0.12609	1.41E-01	0.01247	2.23E-05	0.002805	1.56E-01	0.13857	0.010725	1.82E-05	0.002979	0.152293
4060	476363.09	3854877.25	1.19686	2.23629	1.2242	2.25374	1.08E-01	0.00946	2.3E-05	0.00522	0.12317	1.37E-01	0.011941	1.95E-05	0.003047	1.52E-01	0.134946	0.01027	1.59E-05	0.003236	0.148468
4061	476863.09	3854877.25	1.31547	2.4342	1.44604	2.3369	1.19E-01	0.0103	2.7E-05	0.00541	0.13495	1.50E-01	0.012997	2.3E-05	0.00316	1.67E-01	0.148319	0.011179	1.88E-05	0.003356	0.162872
4062	477363.09	3854877.25	1.44438	2.59021	1.72206	2.64044	1.31E-01	0.01096	3.2E-05	0.00612	0.148	1.65E-01	0.01383	2.74E-05	0.00357	1.83E-01	0.162853	0.011895	2.24E-05	0.003792	0.178563
4063	477863.09	3854877.25	1.60059	2.57497	2.07034	2.77364	1.45E-01	0.01089	3.9E-05	0.00642	0.16241	1.83E-01	0.013749	3.29E-05	0.00375	2.01E-01	0.180466	0.011825	2.69E-05	0.003983	0.196301
4064	478363.09	3854877.25	1.73978	2.74232	2.39123	2.90371	1.58E-01	0.0116	4.5E-05	0.00673	0.17603	1.99E-01	0.014643	3.8E-05	0.003926	2.18E-01	0.19616	0.012594	3.1E-05	0.00417	0.212954
4065	478863.09	3854877.25	2.05701	3.47855	2.90466	2.97054	1.86E-01	0.01472	5.4E-05	0.00688	0.20806	2.35E-01	0.018574	4.62E-05	0.004016	2.58E-01	0.231927	0.015975	3.77E-05	0.004266	0.252206
4066	479363.09	3854877.25	3.12536	4.98079	4.59809	3.01628	2.83E-01	0.02107	8.6E-05	0.00699	0.31137	3.57E-01	0.026595	7.31E-05	0.004078	3.88E-01	0.352383	0.022874	5.97E-05	0.004332	0.379648
4067	479863.09	3854877.25	4.31709	8.85056	6.19993	3.63898	3.91E-01	0.03744	0.00012	0.00843	0.43721	4.94E-01	0.047258	9.85E-05	0.00492	5.46E-01	0.48675	0.040645	8.05E-05	0.005226	0.532702
4068	480363.09	3854877.25	5.35944	13.65248	7.53201	5.29897	4.86E-01	0.05776	0.00014	0.01227	0.55586	6.13E-01	0.072898	0.00012	0.007165	6.93E-01	0.604275	0.062697	9.78E-05	0.00761	0.67468
4069	480863.09	3854877.25	7.12282	21.51306	9.89383	6.05015	6.45E-01	0.09101	0.00019	0.01401	0.75069	8.15E-01	0.114869	0.000157	0.00818	9.38E-01	0.803096	0.098796	0.000128	0.008688	0.910708
4070	481363.09	3854877.25	8.33192	26.10119	11.3294	7.30055	7.55E-01	0.11042	0.00021	0.01691	0.8826	9.53E-01	0.139368	0.00018	0.009871	1.10E+00	0.939421	0.119866	0.000147	0.010484	1.069919
4071	481863.09	3854877.25	9.06763	30.82015	12.34101	6.56924	8.22E-01	0.13038	0.00023	0.01522	0.96756	1.04E+00	0.164565	0.000196	0.008882	1.21E+00	1.022372	0.141538	0.00016	0.009434	1.173504
4072	482363.09	3854877.25	8.89346	27.81116	12.37189	15.26474	8.06E-01	0.11766	0.00023	0.03536	0.95919	1.02E+00	0.148498	0.000197	0.02064	1.19E+00	1.002735	0.127719	0.000161	0.021921	1.152535
4073	482863.09	3854877.25	9.9165	31.41991	14.15754	16.45097	8.99E-01	0.13292	0.00027	0.0381	1.06994	1.13E+00	0.167767	0.000225	0.022243	1.32E+00	1.118082	0.144292	0.000184	0.023624	1.286182
4074	483363.09	3854877.25	9.88279	39.69856	13.83806	16.91706	8.96E-01	0.16795	0.00026	0.03918	1.10299	1.13E+00	0.211971	0.00022	0.022874	1.37E+00	1.114281	0.182311	0.00018	0.024294	1.321065
4075	483863.09	3854877.25	23.99796	98.26489	30.89676	15.77536	2.17E+00	0.41571	0.00058	0.03654	2.62757	2.74E+00	0.524687	0.000491	0.02133	3.29E+00	2.705762	0.451269	0.000401	0.022654	3.180086
4076	484363.09	3854877.25	35.10938	66.08484	57.01424	12.87103	3.18E+00	0.27957	0.00107	0.02981	3.49214	4.02E+00	0.352861	0.000906	0.017403	4.39E+00	3.958571	0.303486	0.00074	0.018483	4.28128
4077	484863.09	3854877.25	22.86711	53.08853	24.93035	9.60859	2.07E+00	0.22459	0.00047	0.02226	2.31958	2.62E+00	0.283467	0.000396	0.012992	2.91E+00	2.578259	0.243802	0.000324	0.013798	2.836183
4078	485363.09	3854877.25	13.7727	40.60882	17.00256	5.85244	1.25E+00	0.1718	0.00032	0.01356	1.43378	1.58E+00	0.216832	0.00027	0.007913	1.80E+00	1.552867	0.186491	0.000221	0.008404	1.747983
4079	485863.09	3854877.25	9.0784	26.85221	10.33887	3.42127	8.23E-01	0.1136	0.00019	0.00792	0.94442	1.04E+00	0.143378	0.000164	0.004626	1.19E+00	1.023586	0.123315	0.000134	0.004913	1.151949
4080	486363.09	3854877.25	6.54036	19.01692	7.06057	2.78208	5.93E-01	0.08045	0.00013	0.00644	0.67973	7.48E-01	0.101541	0.000112	0.003762	8.53E-01	0.737423	0.087333	9.16E-05	0.003995	0.828843
4081	486863.09	3854877.25	5.40476	17.03549	5.97159	2.29634	4.90E-01	0.07207	0.00011	0.00532	0.56729	6.18E-01	0.090961	9.49E-05	0.003105	7.12E-01	0.609385	0.078233	7.75E-05	0.003298	0.690993
4082	487363.09	3854877.25	5.53902	17.04349	6.59497	2.19936	5.02E-01	0.0721	0.00012	0.00509	0.57928	6.34E-01	0.091004	0.000105	0.002974	7.28E-01	0.624523	0.07827	8.56E-05	0.003158	0.706037
4083	487863.09	3854877.25	5.48674	17.44606	6.79155	2.32255	4.97E-01	0.07381	0.00013	0.00538	0.57653	6.28E-01	0.093154	0.000108	0.00314	7.24E-01	0.618628	0.080119	8.82E-05	0.003335	0.70217

4084	488363.09	3854877.25	5.37513	17.35248	6.79347	2.37079	4.87E-01	0.07341	0.00013	0.00549	0.56613	6.15E-01	0.092654	0.000108	0.003206	7.11E-01	0.606044	0.079689	8.82E-05	0.003405	0.689226
4085	488863.09	3854877.25	5.24027	16.82347	6.71894	2.80697	4.75E-01	0.07117	0.00013	0.0065	0.55268	5.99E-01	0.089829	0.000107	0.003795	6.93E-01	0.590839	0.07726	8.72E-05	0.004031	0.672216
4086	489363.09	3854877.25	4.9652	15.52318	6.39163	2.81438	4.50E-01	0.06567	0.00012	0.00652	0.52227	5.68E-01	0.082886	0.000102	0.003805	6.55E-01	0.559825	0.071288	8.3E-05	0.004042	0.635237
4087	489863.09	3854877.25	4.55209	13.0609	5.76791	2.31862	4.13E-01	0.05525	0.00011	0.00537	0.47325	5.21E-01	0.069739	9.17E-05	0.003135	5.94E-01	0.513247	0.059981	7.49E-05	0.00333	0.576632
4088	490363.09	3854877.25	3.18481	7.70424	3.83132	2.21304	2.89E-01	0.03259	7.2E-05	0.00513	0.3264	3.64E-01	0.041137	6.09E-05	0.002992	4.08E-01	0.359086	0.035381	4.97E-05	0.003178	0.397695
4089	490863.09	3854877.25	1.8353	3.79881	2.42637	1.52226	1.66E-01	0.01607	4.5E-05	0.00353	0.18596	2.10E-01	0.020284	3.86E-05	0.002058	2.32E-01	0.206929	0.017446	3.15E-05	0.002186	0.226593
4090	491363.09	3854877.25	1.95221	3.73909	2.51085	1.57503	1.77E-01	0.01582	4.7E-05	0.00365	0.19643	2.23E-01	0.019965	3.99E-05	0.00213	2.45E-01	0.220111	0.017171	3.26E-05	0.002262	0.239577
4091	491863.09	3854877.25	3.79444	9.48871	4.88879	2.31393	3.44E-01	0.04014	9.2E-05	0.00536	0.38945	4.34E-01	0.050665	7.77E-05	0.003129	4.88E-01	0.427822	0.043576	6.35E-05	0.003323	0.474784
4092	492363.09	3854877.25	3.75095	10.72961	4.9093	2.44055	3.40E-01	0.04539	9.2E-05	0.00565	0.39106	4.29E-01	0.057291	7.8E-05	0.0033	4.90E-01	0.422918	0.049274	6.37E-05	0.003505	0.475761
4093	492863.09	3854877.25	3.5661	9.1206	4.67214	2.36821	3.23E-01	0.03858	8.7E-05	0.00549	0.36732	4.08E-01	0.0487	7.43E-05	0.003202	4.60E-01	0.402077	0.041885	6.06E-05	0.003401	0.447423
4094	493363.09	3854877.25	3.31268	7.95425	4.32029	2.29216	3.00E-01	0.03365	8.1E-05	0.00531	0.33924	3.79E-01	0.042472	6.87E-05	0.003099	4.25E-01	0.373504	0.036529	5.61E-05	0.003292	0.41338
4095	493863.09	3854877.25	3.09785	6.77852	4.02519	2.282	2.81E-01	0.02868	7.5E-05	0.00529	0.31477	3.54E-01	0.036194	6.4E-05	0.003086	3.94E-01	0.349282	0.031129	5.22E-05	0.003277	0.38374
4096	494363.09	3854877.25	1.8584	3.50247	2.43686	1.75865	1.68E-01	0.01482	4.6E-05	0.00407	0.18735	2.13E-01	0.018702	3.87E-05	0.002378	2.34E-01	0.209534	0.016085	3.16E-05	0.002526	0.228176
4097	494863.09	3854877.25	1.48156	2.093	1.91826	1.64117	1.34E-01	0.00885	3.6E-05	0.0038	0.14695	1.69E-01	0.011176	3.05E-05	0.002219	1.83E-01	0.167045	0.009612	2.49E-05	0.002357	0.179039
4098	495363.09	3854877.25	1.33482	2.00639	1.71411	1.58583	1.21E-01	0.00849	3.2E-05	0.00367	0.13316	1.53E-01	0.010713	2.72E-05	0.002144	1.66E-01	0.1505	0.009214	2.22E-05	0.002277	0.162014
4099	495863.09	3854877.25	1.13149	1.68447	1.48552	1.44016	1.03E-01	0.00713	2.8E-05	0.00334	0.11303	1.29E-01	0.008994	2.36E-05	0.001947	1.40E-01	0.127575	0.007736	1.93E-05	0.002068	0.137398
4100	496363.09	3854877.25	1.02427	1.53968	1.29992	1.45012	9.28E-02	0.00651	2.4E-05	0.00336	0.10272	1.17E-01	0.008221	2.07E-05	0.001961	1.27E-01	0.115486	0.007071	1.69E-05	0.002082	0.124656
4101	496863.09	3854877.25	1.00847	1.50775	1.26187	1.45607	9.14E-02	0.00638	2.4E-05	0.00337	0.10116	1.15E-01	0.008051	2.01E-05	0.001969	1.25E-01	0.113705	0.006924	1.64E-05	0.002091	0.122736
4102	497363.09	3854877.25	0.99283	1.47021	1.25722	1.4564	9.00E-02	0.00622	2.4E-05	0.00337	0.09959	1.14E-01	0.00785	2E-05	0.001969	1.23E-01	0.111941	0.006752	1.63E-05	0.002091	0.120801
4103	497863.09	3854877.25	0.97745	1.40184	1.25452	1.44987	8.86E-02	0.00593	2.3E-05	0.00336	0.09789	1.12E-01	0.007485	1.99E-05	0.00196	1.21E-01	0.110207	0.006438	1.63E-05	0.002082	0.118743
4104	498363.09	3854877.25	0.96251	1.31788	1.25155	1.43588	8.72E-02	0.00558	2.3E-05	0.00333	0.09615	1.10E-01	0.007037	1.99E-05	0.001941	1.19E-01	0.108523	0.006052	1.62E-05	0.002062	0.116653
4105	471363.09	3855377.25	1.82697	3.72038	2.58345	1.65601	1.66E-01	0.01574	4.8E-05	0.00384	0.18519	2.09E-01	0.019865	4.11E-05	0.002239	2.31E-01	0.20599	0.017085	3.35E-05	0.002378	0.225487
4106	471863.09	3855377.25	1.86294	3.76065	2.65611	1.65995	1.69E-01	0.01591	5E-05	0.00384	0.18863	2.13E-01	0.02008	4.22E-05	0.002244	2.35E-01	0.210046	0.01727	3.45E-05	0.002384	0.229734
4107	472363.09	3855377.25	1.99714	4.08188	2.86287	1.75402	1.81E-01	0.01727	5.4E-05	0.00406	0.20237	2.28E-01	0.021795	4.55E-05	0.002372	2.53E-01	0.225177	0.018746	3.72E-05	0.002519	0.246478
4108	472863.09	3855377.25	2.02954	4.16812	2.94088	1.72995	1.84E-01	0.01763	5.5E-05	0.00401	0.20562	2.32E-01	0.022256	4.67E-05	0.002339	2.57E-01	0.22883	0.019142	3.82E-05	0.002484	0.250494
4109	473363.09	3855377.25	2.22321	4.47724	3.21011	1.87184	2.01E-01	0.01894	6E-05	0.00434	0.22481	2.54E-01	0.023906	5.1E-05	0.002531	2.81E-01	0.250666	0.020561	4.17E-05	0.002688	0.273957
4110	473863.09	3855377.25	2.37065	4.59978	3.40637	1.95324	2.15E-01	0.01946	6.4E-05	0.00452	0.23888	2.71E-01	0.024561	5.41E-05	0.002641	2.98E-01	0.26729	0.021124	4.42E-05	0.002805	0.291263
4111	474363.09	3855377.25	2.47922	4.75835	3.56237	2.01904	2.25E-01	0.02013	6.7E-05	0.00468	0.24955	2.84E-01	0.025407	5.66E-05	0.00273	3.12E-01	0.279531	0.021852	4.62E-05	0.002899	0.304329
4112	474863.09	3855377.25	1.96373	3.93801	2.92836	1.58427	1.78E-01	0.01666	5.5E-05	0.00367	0.19834	2.25E-01	0.021027	4.65E-05	0.002142	2.48E-01	0.22141	0.018085	3.8E-05	0.002275	0.241808
4113	475363.09	3855377.25	0.94756	1.89613	1.14291	1.28416	8.59E-02	0.00802	2.1E-05	0.00297	0.09689	1.08E-01	0.010124	1.82E-05	0.001736	1.20E-01	0.106837	0.008708	1.48E-05	0.001844	0.117404
4114	475863.09	3855377.25	0.86207	1.65871	0.93268	1.33596	7.81E-02	0.00702	1.7E-05	0.00309	0.08825	9.86E-02	0.008857	1.48E-05	0.001806	1.09E-01	0.097198	0.007617	1.21E-05	0.001919	0.106746
4115	476363.09	3855377.25	0.9659	1.86794	1.02833	1.47259	8.75E-02	0.0079	1.9E-05	0.00341	0.09886	1.10E-01	0.009974	1.63E-05	0.001991	1.22E-01	0.108905	0.008578	1.33E-05	0.002115	0.119611
4116	476863.09	3855377.25	1.0071	1.92242	1.07883	1.63877	9.13E-02	0.00813	2E-05	0.0038	0.10321	1.15E-01	0.010265	1.71E-05	0.002216	1.28E-01	0.11355	0.008828	1.4E-05	0.002353	0.124746
4117	477363.09	3855377.25	1.10216	2.13712	1.1878	1.87163	9.99E-02	0.00904	2.2E-05	0.00434	0.11328	1.26E-01	0.011411	1.89E-05	0.002531	1.40E-01	0.124268	0.009814	1.54E-05	0.002688	0.136786
4118	477863.09	3855377.25	1.30932	2.58321	1.46872	2.11892	1.19E-01	0.01093	2.7E-05	0.00491	0.13452	1.50E-01	0.013793	2.33E-05	0.002865	1.66E-01	0.147625	0.011863	1.91E-05	0.003043	0.16255
4119	478363.09	3855377.25	1.42683	3.02919	1.64163	2.33691	1.29E-01	0.01282	3.1E-05	0.00541	0.14756	1.63E-01	0.016174	2.61E-05	0.00316	1.83E-01	0.160875	0.013911	2.13E-05	0.003356	0.178163
4120	478863.09	3855377.25	1.53793	3.51388	1.85277	2.55419	1.39E-01	0.01487	3.5E-05	0.00592	0.16019	1.76E-01	0.018762	2.94E-05	0.003454	1.98E-01	0.173401	0.016137	2.4E-05	0.003668	0.19323
4121	479363.09	3855377.25	2.27441	5.24464	3.0754	2.73278	2.06E-01	0.02219	5.8E-05	0.00633	0.23469	2.60E-01	0.028004	4.89E-05	0.003695	2.92E-01	0.256439	0.024085	3.99E-05	0.003924	0.284489
4122	479863.09	3855377.25	2.95399	6.47078	4.30757	3.19628	2.68E-01	0.02737	8.1E-05	0.0074	0.30256	3.38E-01	0.034551	6.85E-05	0.004322	3.77E-01	0.333061	0.029716	5.59E-05	0.00459	0.367424
4123	480363.09	3855377.25	4.57056	13.51766	6.75662	4.93132	4.14E-01	0.05719	0.00013	0.01142	0.48293	5.23E-01	0.072178	0.000107	0.006668	6.02E-01	0.515329	0.062078	8.77E-05	0.007082	0.584577
4124	480863.09	3855377.25	6.23598	22.5239	8.90155	6.49473	5.65E-01	0.09529	0.00017	0.01504	0.67561	7.13E-01	0.120267	0.000141	0.008782	8.42E-01	0.703105	0.103438	0.000116	0.009327	0.815985
4125	481363.09	3855377.25	6.91748	23.6576	9.55686	8.25265	6.27E-01	0.10008	0.00018	0.01911	0.74625	7.91E-01	0.12632	0.000152	0.011158	9.29E-01	0.779944	0.108644	0.000124	0.011851	0.900563
4126	481863.09	3855377.25	7.17606	26.17565	9.87703	10.73238	6.50E-01	0.11074	0.00018	0.02486	0.78609	8.21E-01	0.139765	0.000157	0.014511	9.75E-01	0.809098	0.120208	0.000128	0.015412	0.944847
4127	482363.09	3855377.25	7.55285	26.01442	10.33743	13.08292	6.84E-01	0.11005	0.00019	0.0303	0.82501	8.64E-01	0.138905	0.000164	0.01769	1.02E+00	0.851581	0.119468	0.000134	0.018788	0.989971
4128	482863.09	3855377.25	8.73069	32.09854	12.00293	15.49092	7.91E-01	0.13579	0.00022	0.03588	0.96309	9.99E-01	0.171391	0.000191	0.020945	1.19E+00	0.984382	0.147408	0.000156	0.022246	1.154192
4129	483363.09	3855377.25	10.12687	37.63434	14.03046	18.24371	9.18E-01	0.15921	0.00026	0.04226	1.11945	1.16E+00	0.200949	0.000223	0.024667	1.38E+00	1.141801	0.172831	0.000182	0.026199	1.341013
4130	483863.09	3855377.25	11.6965	49.06073	16.18631	19.25298	1.06E+00	0.20755	0.0003	0.04459	1.31241	1.34E+00	0.261961	0.000257	0.026032	1.63E+00	1.318776	0.225305	0.00021	0.027648	1.57194
4131	484363.09	3855377.25	20.98023	82.08573	28.80424	17.7903	1.90E+00	0.34726	0.00054	0.04121	2.29028	2.40E+00	0.438298	0.000458	0.024054	2.86E+00	2.365514	0.376968	0.000374	0.025548	2.768404
4132	484863.09	3855377.25	31.56975	63.55317	70.39825	21.32687	2.86E+00	0.26886	0.00132	0.0494	3.18049	3.61E+00	0.339344	0.001119	0.028836	3.98E+00	3.559479	0.29186	0.000914	0.030627	3.882879
4133	485363.09	3855377.25	25.60386	51.33562	30.0467	12.59164	2.32E+00	0.21718	0.00056	0.02916	2.56718	2.93E+00	0.274108	0.000478	0.017025	3.22E+00	2.886826	0.235752	0.00039	0.018082	3.141051
4134	485863.09	3855377.25	16.04367	47.38106	20.79722	6.73767	1.45E+00	0.20045	0.00039	0.01561	1.67035	1.84E+00	0.252992	0.000331	0.00911	2.10E+00	1.808918	0.217591	0.00027	0.009676	2.036455
4135	486363.09	3855377.25	12.32338	34.98499	14.80852	5.28195	1.12E+00	0.148	0.00028	0.01223	1.27729	1.41E+00	0.186803	0.000235	0.007142	1.60E+00	1.389457	0.160664	0.000192	0.007585	1.557898
4136	486863.09	3855377.25	9.17951	25.64312	10.74988	4.42685	8.32E-01	0.10848	0.0002	0.01025	0.9508	1.05E+00	0.136922	0.000171	0.005986	1.19E+00	1.034987	0.117763	0.00014	0.006357	1.159246
4137	487363.09	3855377.25	8.45039	24.87442	9.87431	4.54222	7.66E-01	0.10523	0.00018	0.01052	0.88173	9.67E-01	0.132817	0.000157	0.006142	1.11E+00	0.952779	0.114233	0.000128	0.006523	1.073662
4138	487863.09	3855377.25	7.62409	22.73698	9.18549	4.14456	6.91E-01	0.09619	0.00017	0.0096	0.79687	8.72E-01	0.121405	0.000146	0.005604	9.99E-01	0.859614	0.104417	0.000119	0.005952	0.970101
4139	488363.09	3855377.25	6.8041	21.35159	8.69795	4.13142	6.17E-01	0.09033	0.00016	0.00957	0.71666	7.78E-01	0.114007	0.000138	0.005586	8.98E-01	0.76716	0.098054	0.000113	0.005933	0.87126
4140	488863.09	3855377.25	6.12484	20.63367	8.18593	4.19018	5.55E-01	0.08729	0.00015	0.00971	0.6522	7.01E-01	0.110174	0.00013	0.005666	8.17E-01	0.690574	0.094757	0.000106	0.006017	0.791455
4141	489363.09	3855377.25	5.63123	18.34325	7.60546	4.22131	5.10E-01	0.0776	0.00014	0.00978	0.59783	6.44E-01	0.097944	0.000121	0.005708	7.48E-01	0.634919	0.084239	9.87E-05	0.006062	0.725319
4142	489863.09	3855377.25	5.22178	17.02787	7.05727	4.04945	4.73E-01	0.07204	0.00013	0.00938	0.55476	5.97E-01	0.090921	0.000112	0.005475	6.94E-01	0.588754	0.078198	9.16E-05	0.005815	0.672859
4143	490363.09	3855377.25	4.99039	19.03202	6.80067	4.03115	4.52E-01	0.08052	0.00013	0.00934	0.54222	5.71E-01	0.101622	0.000108	0.005451	6.78E-01	0.562665	0.087402	8.83E-05	0.005789	0.655944
4144	490863.09	3855377.25	3.05307	6.24453	3.66233	2.652	2.77E-01	0.02642	6.9E-05	0.00614	0.3093	3.49E-01	0.033343	5.82E-05	0.003586	3.86E-01	0.344233	0.028677	4.75E-05	0.003808	0.376766

4145	491363.09	3855377.25	2.06994	5.23299	2.63065	2.29675		1.88E-01	0.02214	4.9E-05	0.00532	0.21509		2.37E-01	0.027942	4.18E-05	0.003105	2.68E-01		0.233385	0.024032	3.41E-05	0.003298	0.260749						
4146	491863.09	3855377.25	4.16273	11.35633	5.69662	3.60037		3.77E-01	0.04804	0.00011	0.00834	0.43372		4.76E-01	0.060637	9.05E-05	0.004868	5.42E-01		0.469346	0.052152	7.39E-05	0.00517	0.526743						
4147	492363.09	3855377.25	4.08887	11.71502	5.59054	3.68823		3.71E-01	0.04956	0.0001	0.00854	0.42875		4.68E-01	0.062553	8.89E-05	0.004987	5.35E-01		0.461019	0.0538	7.26E-05	0.005296	0.520187						
4148	492863.09	3855377.25	3.85229	11.27056	5.27645	2.79636		3.49E-01	0.04768	9.9E-05	0.00648	0.40336		4.41E-01	0.060179	8.39E-05	0.003781	5.05E-01		0.434344	0.051759	6.85E-05	0.004016	0.490187						
4149	493363.09	3855377.25	3.34197	8.01145	4.61132	2.61095		3.03E-01	0.03389	8.6E-05	0.00605	0.34288		3.82E-01	0.042777	7.33E-05	0.00353	4.29E-01		0.376806	0.036792	5.99E-05	0.003749	0.417407						
4150	493863.09	3855377.25	1.90078	4.20541	2.52767	2.29735		1.72E-01	0.01779	4.7E-05	0.00532	0.19541		2.17E-01	0.022455	4.02E-05	0.003106	2.43E-01		0.214312	0.019313	3.28E-05	0.003299	0.236957						
4151	494363.09	3855377.25	1.5653	2.30929	2.17266	2.12834		1.42E-01	0.00977	4.1E-05	0.00493	0.15659		1.79E-01	0.012331	3.45E-05	0.002878	1.94E-01		0.176487	0.010605	2.82E-05	0.003056	0.190177						
4152	494863.09	3855377.25	1.3476	1.72417	1.88328	1.83442		1.22E-01	0.00729	3.5E-05	0.00425	0.1337		1.54E-01	0.009206	2.99E-05	0.00248	1.66E-01		0.151941	0.007918	2.44E-05	0.002634	0.162518						
4153	495363.09	3855377.25	1.04968	1.47326	1.43619	1.64952		9.51E-02	0.00623	2.7E-05	0.00382	0.1052		1.20E-01	0.007867	2.28E-05	0.00223	1.30E-01		0.118351	0.006766	1.86E-05	0.002369	0.127504						
4154	495863.09	3855377.25	1.03299	1.41152	1.39244	1.63384		9.36E-02	0.00597	2.6E-05	0.00378	0.10339		1.18E-01	0.007537	2.21E-05	0.002209	1.28E-01		0.116469	0.006482	1.81E-05	0.002346	0.125316						
4155	496363.09	3855377.25	1.0163	1.3953	1.38426	1.61057		9.21E-02	0.0059	2.6E-05	0.00373	0.10176		1.16E-01	0.00745	2.2E-05	0.002178	1.26E-01		0.114587	0.006408	1.8E-05	0.002313	0.123326						
4156	496863.09	3855377.25	0.99995	1.32678	1.37601	1.57927		9.06E-02	0.00561	2.6E-05	0.00366	0.09991		1.14E-01	0.007084	2.19E-05	0.002135	1.24E-01		0.112744	0.006093	1.79E-05	0.002268	0.121123						
4157	497363.09	3855377.25	0.98419	1.20843	1.3676	1.54081		8.92E-02	0.00511	2.6E-05	0.00357	0.0979		1.13E-01	0.006452	2.17E-05	0.002083	1.21E-01		0.110967	0.00555	1.78E-05	0.002213	0.118747						
4158	497863.09	3855377.25	0.97578	1.07053	1.35889	1.49748		8.84E-02	0.00453	2.5E-05	0.00347	0.09645		1.12E-01	0.005716	2.16E-05	0.002025	1.19E-01		0.110019	0.004916	1.76E-05	0.00215	0.117103						
4159	498363.09	3855377.25	0.99528	0.96877	1.36973	1.4634		9.02E-02	0.0041	2.6E-05	0.00339	0.09771		1.14E-01	0.005173	2.18E-05	0.001979	1.21E-01		0.112217	0.004449	1.78E-05	0.002102	0.118786						
4160	471363.09	3855877.25	1.75492	3.65278	2.48099	1.56626		1.59E-01	0.01545	4.6E-05	0.00363	0.17816		2.01E-01	0.019504	3.94E-05	0.002118	2.22E-01		0.197867	0.016775	3.22E-05	0.002249	0.216923						
4161	471863.09	3855877.25	1.79274	3.77572	2.54835	1.56324		1.62E-01	0.01597	4.8E-05	0.00362	0.1821		2.05E-01	0.020161	4.05E-05	0.002114	2.27E-01		0.202131	0.01734	3.31E-05	0.002245	0.221748						
4162	472363.09	3855877.25	1.94595	4.19678	2.76573	1.71884		1.76E-01	0.01775	5.2E-05	0.00398	0.19813		2.23E-01	0.022409	4.4E-05	0.002324	2.47E-01		0.219405	0.019273	3.59E-05	0.002468	0.241183						
4163	472863.09	3855877.25	1.94114	4.33153	2.77201	1.69728		1.76E-01	0.01832	5.2E-05	0.00393	0.19822		2.22E-01	0.023128	4.41E-05	0.002295	2.47E-01		0.218863	0.019892	3.6E-05	0.002437	0.241228						
4164	473363.09	3855877.25	2.14421	4.96406	3.04555	1.92373		1.94E-01	0.021	5.7E-05	0.00446	0.21983		2.45E-01	0.026506	4.84E-05	0.002601	2.74E-01		0.241759	0.022797	3.95E-05	0.002763	0.267358						
4165	473863.09	3855877.25	2.27399	5.45336	3.23042	2.05186		2.06E-01	0.02307	6E-05	0.00475	0.23396		2.60E-01	0.029118	5.13E-05	0.002774	2.92E-01		0.256392	0.025044	4.19E-05	0.002947	0.284424						
4166	474363.09	3855877.25	2.33139	5.82067	3.34753	2.06504		2.11E-01	0.02462	6.3E-05	0.00478	0.24075		2.67E-01	0.03108	5.32E-05	0.002792	3.01E-01		0.262863	0.026731	4.35E-05	0.002966	0.292603						
4167	474863.09	3855877.25	1.74003	4.47986	2.55307	1.38008		1.58E-01	0.01895	4.8E-05	0.0032	0.17988		1.99E-01	0.02392	4.06E-05	0.001866	2.25E-01		0.196188	0.020573	3.31E-05	0.001982	0.218776						
4168	475363.09	3855877.25	0.98802	1.95632	1.33186	1.17322		8.95E-02	0.00828	2.5E-05	0.00272	0.10056		1.13E-01	0.010446	2.12E-05	0.001586	1.25E-01		0.111399	0.008984	1.73E-05	0.001685	0.122085						
4169	475863.09	3855877.25	0.63711	1.07359	0.77841	0.88552		5.77E-02	0.00454	1.5E-05	0.00205	0.06434		7.29E-02	0.005732	1.24E-05	0.001197	7.98E-02		0.071834	0.00493	1.01E-05	0.001272	0.078046						
4170	476363.09	3855877.25	0.69345	1.2038	0.83554	0.95055		6.28E-02	0.00509	1.6E-05	0.0022	0.07015		7.93E-02	0.006428	1.33E-05	0.001285	8.70E-02		0.078186	0.005528	1.08E-05	0.001365	0.08509						
4171	476863.09	3855877.25	0.83352	1.52514	1.03259	1.24504		7.55E-02	0.00645	1.9E-05	0.00288	0.08489		9.53E-02	0.008144	1.64E-05	0.001683	1.05E-01		0.093979	0.007004	1.34E-05	0.001788	0.102784						
4172	477363.09	3855877.25	1.02843	2.01697	1.24544	1.33701		9.32E-02	0.00853	2.3E-05	0.0031	0.10485		1.18E-01	0.01077	1.98E-05	0.001808	1.30E-01		0.115955	0.009263	1.62E-05	0.00192	0.127154						
4173	477863.09	3855877.25	1.10767	2.23176	1.36792	1.43585		1.00E-01	0.00944	2.6E-05	0.00333	0.11317		1.27E-01	0.011917	2.17E-05	0.001941	1.41E-01		0.124889	0.010249	1.78E-05	0.002062	0.137218						
4174	478363.09	3855877.25	1.19721	2.69051	1.52798	1.71619		1.08E-01	0.01138	2.9E-05	0.00398	0.12388		1.37E-01	0.014366	2.43E-05	0.00232	1.54E-01		0.134985	0.012356	1.98E-05	0.002465	0.149825						
4175	478863.09	3855877.25	1.35513	3.76409	1.91454	1.92115		1.23E-01	0.01592	3.6E-05	0.00445	0.14321		1.55E-01	0.020098	3.04E-05	0.002598	1.78E-01		0.15279	0.017286	2.49E-05	0.002759	0.17286						
4176	479363.09	3855877.25	2.15147	6.20652	3.00961	2.15465		1.95E-01	0.02626	5.6E-05	0.00499	0.22627		2.46E-01	0.03314	4.78E-05	0.002913	2.82E-01		0.242578	0.028503	3.91E-05	0.003094	0.274213						
4177	479863.09	3855877.25	3.09877	8.6131	4.34616	2.37761		2.81E-01	0.03644	8.1E-05	0.00551	0.32284		3.54E-01	0.04599	6.91E-05	0.003215	4.04E-01		0.349385	0.039555	5.64E-05	0.003414	0.392411						
4178	480363.09	3855877.25	4.31927	13.42654	6.05713	3.88691		3.91E-01	0.0568	0.00011	0.009	0.45734		4.94E-01	0.071691	9.63E-05	0.005256	5.71E-01		0.486996	0.06166	7.86E-05	0.005582	0.554316						
4179	480863.09	3855877.25	5.52995	19.57232	7.64639	4.75288		5.01E-01	0.0828	0.00014	0.01101	0.59509		6.33E-01	0.104507	0.000122	0.006426	7.44E-01		0.6235	0.089883	9.93E-05	0.006825	0.720308						
4180	481363.09	3855877.25	5.84454	21.21479	8.17959	4.95331		5.30E-01	0.08975	0.00015	0.01147	0.63102		6.68E-01	0.113277	0.00013	0.006697	7.89E-01		0.65897	0.097426	0.000106	0.007113	0.763615						
4181	481863.09	3855877.25	6.26019	23.81293	8.50483	8.91058		5.67E-01	0.10074	0.00016	0.02064	0.68885		7.16E-01	0.12715	0.000135	0.012048	8.55E-01		0.705834	0.109358	0.00011	0.012796	0.828099						
4182	482363.09	3855877.25	6.35221	24.50655	8.66101	10.90865		5.76E-01	0.10368	0.00016	0.02527	0.70475		7.27E-01	0.130853	0.000138	0.01475	8.72E-01		0.71621	0.112543	0.000112	0.015665	0.844531						
4183	482863.09	3855877.25	7.16546	26.93867	9.8523	12.48434		6.49E-01	0.11396	0.00018	0.02892	0.79241		8.20E-01	0.14384	0.000157	0.01688	9.80E-01		0.807903	0.123712	0.000128	0.017928	0.949672						
4184	483363.09	3855877.25	8.2627	31.21936	11.33673	14.54171		7.49E-01	0.13207	0.00021	0.03368	0.91475		9.45E-01	0.166696	0.00018	0.019662	1.13E+00		0.931617	0.143371	0.000147	0.020883	1.096017						
4185	483863.09	3855877.25	9.72242	36.4689	13.33415	17.52436		8.81E-01	0.15428	0.00025	0.04059	1.07619		1.11E+00	0.194726	0.000212	0.023695	1.33E+00		1.0962	0.167479	0.000173	0.025166	1.289017						
4186	484363.09	3855877.25	11.31076	44.17808	15.60705	18.01776		1.03E+00	0.1869	0.00029	0.04173	1.25393		1.29E+00	0.23589	0.000248	0.024362	1.55E+00		1.275284	0.202882	0.000203	0.025874	1.504244						
4187	484863.09	3855877.25	17.7049	47.49505	24.56836	20.03049		1.60E+00	0.20093	0.00046	0.04639	1.85224		2.03E+00	0.253601	0.00039	0.027083	2.31E+00		1.996221	0.218115	0.000319	0.028765	2.24342						
4188	485363.09	3855877.25	25.49621	27.5592	75.86941	24.38169		2.31E+00	0.11659	0.00142	0.05647	2.485		2.92E+00	0.147153	0.001206	0.032967	3.10E+00		2.874689	0.126562	0.000985	0.035013	3.037249						
4189	485863.09	3855877.25	25.02109	30.31771	30.43283	14.13206		2.27E+00	0.12826	0.00057	0.03273	2.42903		2.86E+00	0.161882	0.000484	0.019108	3.04E+00		2.821119	0.13923	0.000395	0.020294	2.981039						
4190	486363.09	3855877.25	16.47058	44.4992	22.65611	6.27494		1.49E+00	0.18825	0.00042	0.01453	1.69581		1.88E+00	0.237604	0.00036	0.008484	2.13E+00		1.857052	0.204357	0.000294	0.009011	2.070714						
4191	486863.09	3855877.25	13.1417	34.51515	17.2299	5.64335		1.19E+00	0.14602	0.00032	0.01307	1.35034		1.50E+00	0.184294	0.000274	0.00763	1.70E+00		1.481722	0.158506	0.000224	0.008104	1.648556						
4192	487363.09	3855877.25	10.99213	33.27785	14.42826	5.09634		9.96E-01	0.14078	0.00027	0.0118	1.14899		1.26E+00	0.177688	0.000229	0.006891	1.44E+00		1.239359	0.152824	0.000187	0.007319	1.399689						
4193	487863.09	3855877.25	9.32631	33.50312	12.57724	4.84962		8.45E-01	0.14174	0.00024	0.01123	0.99837		1.07E+00	0.178891	0.0002	0.006557	1.25E+00		1.051538	0.153859	0.000163	0.006964	1.212525						
4194	488363.09	3855877.25	8.15453	29.82814	11.07679	5.18532		7.39E-01	0.12619	0.00021	0.01201	0.87739		9.33E-01	0.159268	0.000176	0.007011	1.10E+00		0.91942	0.136982	0.000144	0.007446	1.063993						
4195	488863.09	3855877.25	7.24833	24.60826	9.80327	5.56726		6.57E-01	0.10411	0.00018	0.01289	0.77404		8.29E-01	0.131396	0.000156	0.007528	9.68E-01		0.817247	0.11301	0.000127	0.007995	0.938379						
4196	489363.09	3855877.25	6.58142	26.75953	8.80436	5.60584		5.96E-01	0.11321	0.00016	0.01298	0.72278		7.53E-01	0.142883	0.00014	0.00758	9.03E-01		0.742053	0.12289	0.000114	0.00805	0.873107						
4197	489863.09	3855877.25	6.03585	22.8726	7.99478	5.48211		5.47E-01	0.09676	0.00015	0.0127	0.65659		6.90E-01	0.122129	0.000127	0.007412	8.20E-01		0.68054	0.105039	0.000104	0.007873	0.793556						
4198	490363.09	3855877.25	5.55794	20.6795	7.3761	5.38875		5.04E-01	0.08748	0.00014	0.01248	0.60378		6.36E-01	0.110419	0.000117	0.007286	7.54E-01		0.626656	0.094968	9.57E-05	0.007739	0.729458						
4199	490863.09	3855877.25	5.28517	17.49892	7.0046	4.68197		4.79E-01	0.07403	0.00013	0.01084	0.56396		6.05E-01	0.093436	0.000111	0.006331	7.04E-01		0.595901	0.080362	9.09E-05	0.006724	0.683077						
4200	491363.09	3855877.25	4.92887	14.57798	6.32233	3.63288		4.47E-01	0.06167	0.00012	0.00841	0.51687		5.64E-01	0.077839	0.0001	0.004912	6.47E-01		0.555728	0.066947	8.21E-05	0.005217	0.627975						
4201	491863.09	3855877.25	4.72488	15.27159	6.28539	4.29298		4.28E-01	0.06461	0.00012	0.00994	0.50285		5.40E-01	0.081543	9.99E-05	0.005805	6.28E-01		0.532729	0.070133	8.16E-05	0.006165	0.609108						
4202	492363.09	3855877.25	4.49387	12.16668	5.91232	3.81571		4.07E-01	0.05147	0.00011	0.00884	0.46766		5.14E-01	0.064964	9.4E-05	0.005159	5.84E-01		0.506682	0.055874	7.67E-05	0.00548	0.568113						
4203	492863.09	3855877.25	4.24564	10.86735	5.52886	3.57454		3.85E-01	0.04597	0.0001	0.00828	0.43911		4.86E-01	0.058026	8.79E-05	0.004833	5.49E-01		0.478694	0.049907	7.18E-05	0.005133	0.533806						
4204	493363.09	3855877.25	3.2105	5.90419	4.06931	2.57443		2.91E-01	0.02498	7.6E-05	0.00596	0.32196		3.67E-01	0.031526	6.47E-05	0.003481	4.02E-01		0.361983	0.027114	5.28E-05	0.003697	0.392847						
4205	493863.09	3855877.25	1.61578	3.54014	2.24861	2.17006		1.46E-01	0.01498	4.2E-05	0.00503	0.16647		1.85E-01	0.018903	3.57E-05	0.002934	2.07E-01		0.182179	0.016258	2.92E-05	0.003116	0.201582						

4206	494363.09	3855877.25	1.40211	1.79089	1.94179	1.81505	1.27E-01	0.00758	3.6E-05	0.0042	0.13888	1.60E-01	0.009562	3.09E-05	0.002454	1.72E-01	0.158087	0.008224	2.52E-05	0.002607	0.168944
4207	494863.09	3855877.25	1.07023	1.47034	1.50512	1.60878	9.70E-02	0.00622	2.8E-05	0.00373	0.10696	1.22E-01	0.007851	2.39E-05	0.002175	1.32E-01	0.120668	0.006752	1.95E-05	0.00231	0.12975
4208	495363.09	3855877.25	1.00903	1.23575	1.41116	1.57403	9.14E-02	0.00523	2.6E-05	0.00365	0.10034	1.15E-01	0.006598	2.24E-05	0.002128	1.24E-01	0.113768	0.005675	1.83E-05	0.00226	0.121722
4209	495863.09	3855877.25	0.99059	1.05478	1.39798	1.53413	8.98E-02	0.00446	2.6E-05	0.00355	0.09781	1.13E-01	0.005632	2.22E-05	0.002074	1.21E-01	0.111689	0.004844	1.81E-05	0.002203	0.118754
4210	496363.09	3855877.25	0.97753	0.94112	1.38331	1.49352	8.86E-02	0.00398	2.6E-05	0.00346	0.09605	1.12E-01	0.005025	2.2E-05	0.002019	1.19E-01	0.110216	0.004322	1.8E-05	0.002145	0.116701
4211	496863.09	3855877.25	0.96499	0.84623	1.36783	1.46347	8.74E-02	0.00358	2.6E-05	0.00339	0.09444	1.10E-01	0.004518	2.17E-05	0.001979	1.17E-01	0.108802	0.003886	1.78E-05	0.002102	0.114808
4212	497363.09	3855877.25	0.952	0.84905	1.35048	1.45884	8.63E-02	0.00359	2.5E-05	0.00338	0.09327	1.09E-01	0.004534	2.15E-05	0.001973	1.15E-01	0.107338	0.003899	1.75E-05	0.002095	0.113349
4213	497863.09	3855877.25	0.93858	0.91174	1.33124	1.45411	8.51E-02	0.00386	2.5E-05	0.00337	0.09231	1.07E-01	0.004868	2.12E-05	0.001966	1.14E-01	0.105825	0.004187	1.73E-05	0.002088	0.112117
4214	498363.09	3855877.25	1.00344	1.13807	1.40748	1.45097	9.09E-02	0.00481	2.6E-05	0.00336	0.09914	1.15E-01	0.006077	2.24E-05	0.001962	1.23E-01	0.113138	0.005226	1.83E-05	0.002084	0.120466
4215	471363.09	3856377.25	1.79797	4.57982	2.41584	1.55173	1.63E-01	0.01937	4.5E-05	0.00359	0.18595	2.06E-01	0.024454	3.84E-05	0.002098	2.32E-01	0.202721	0.021032	3.14E-05	0.002228	0.226012
4216	471863.09	3856377.25	1.8649	4.74787	2.45915	1.54649	1.69E-01	0.02009	4.6E-05	0.00358	0.19272	2.13E-01	0.025351	3.91E-05	0.002091	2.41E-01	0.210267	0.021804	3.19E-05	0.002221	0.234324
4217	472363.09	3856377.25	1.99388	5.07976	2.59024	1.62099	1.81E-01	0.02149	4.8E-05	0.00375	0.20598	2.28E-01	0.027123	4.12E-05	0.002192	2.57E-01	0.224809	0.023328	3.36E-05	0.002328	0.250499
4218	472863.09	3856377.25	2.14797	5.45804	2.76278	1.72981	1.95E-01	0.02309	5.2E-05	0.00401	0.2218	2.46E-01	0.029143	4.39E-05	0.002339	2.77E-01	0.242183	0.025065	3.59E-05	0.002484	0.269768
4219	473363.09	3856377.25	2.27274	5.66548	2.92802	1.79433	2.06E-01	0.02397	5.5E-05	0.00416	0.23414	2.60E-01	0.030251	4.65E-05	0.002426	2.93E-01	0.256251	0.026018	3.8E-05	0.002577	0.284883
4220	473863.09	3856377.25	2.45422	5.88613	3.19914	2.00401	2.22E-01	0.0249	6E-05	0.00464	0.25201	2.81E-01	0.031429	5.08E-05	0.00271	3.15E-01	0.276712	0.027031	4.15E-05	0.002878	0.306663
4221	474363.09	3856377.25	2.44068	5.67697	3.17971	1.78582	2.21E-01	0.02402	6E-05	0.00414	0.24939	2.79E-01	0.030312	5.05E-05	0.002415	3.12E-01	0.275186	0.026071	4.13E-05	0.002565	0.303862
4222	474863.09	3856377.25	2.24271	5.16629	2.97704	1.48312	2.03E-01	0.02186	5.6E-05	0.00344	0.22859	2.57E-01	0.027586	4.73E-05	0.002005	2.86E-01	0.252865	0.023726	3.86E-05	0.00213	0.278759
4223	475363.09	3856377.25	1.47899	3.40521	2.09302	1.31387	1.34E-01	0.01441	3.9E-05	0.00304	0.15152	1.69E-01	0.018182	3.33E-05	0.001776	1.89E-01	0.166756	0.015638	2.72E-05	0.001887	0.184308
4224	475863.09	3856377.25	0.99865	2.07508	1.31322	1.20688	9.05E-02	0.00878	2.5E-05	0.0028	0.1021	1.14E-01	0.01108	2.09E-05	0.001632	1.27E-01	0.112597	0.00953	1.7E-05	0.001733	0.123877
4225	476363.09	3856377.25	1.01363	1.86377	1.32601	1.08991	9.19E-02	0.00788	2.5E-05	0.00252	0.10229	1.16E-01	0.009952	2.11E-05	0.001474	1.27E-01	0.114286	0.008559	1.72E-05	0.001565	0.124428
4226	476863.09	3856377.25	1.04926	1.90547	1.356	1.11643	9.51E-02	0.00806	2.5E-05	0.00259	0.10576	1.20E-01	0.010174	2.16E-05	0.00151	1.32E-01	0.118304	0.008751	1.76E-05	0.001603	0.128675
4227	477363.09	3856377.25	1.10294	2.21632	1.39772	1.15099	1.00E-01	0.00938	2.6E-05	0.00267	0.11202	1.26E-01	0.011834	2.22E-05	0.001556	1.40E-01	0.124356	0.010178	1.81E-05	0.001653	0.136205
4228	477863.09	3856377.25	0.89877	1.83869	1.24588	1.13392	8.14E-02	0.00778	2.3E-05	0.00263	0.09188	1.03E-01	0.009818	1.98E-05	0.001533	1.14E-01	0.101336	0.008444	1.62E-05	0.001628	0.111424
4229	478363.09	3856377.25	0.84317	2.04292	1.00901	1.17612	7.64E-02	0.00864	1.9E-05	0.00272	0.0878	9.64E-02	0.010908	1.6E-05	0.00159	1.09E-01	0.095067	0.009382	1.31E-05	0.001689	0.106151
4230	478863.09	3856377.25	1.30048	3.41316	1.71004	1.47587	1.18E-01	0.01444	3.2E-05	0.00342	0.13574	1.49E-01	0.018225	2.72E-05	0.001996	1.69E-01	0.146629	0.015674	2.22E-05	0.002119	0.164445
4231	479363.09	3856377.25	1.63017	4.22801	1.91053	1.57111	1.48E-01	0.01789	3.6E-05	0.00364	0.16929	1.86E-01	0.022576	3.04E-05	0.002124	2.11E-01	0.183801	0.019417	2.48E-05	0.002256	0.205499
4232	479863.09	3856377.25	2.76528	8.3578	3.91893	1.77831	2.51E-01	0.03536	7.3E-05	0.00412	0.29015	3.16E-01	0.044627	6.23E-05	0.002404	3.63E-01	0.311784	0.038382	5.09E-05	0.002554	0.352771
4233	480363.09	3856377.25	4.13675	14.43879	5.79406	2.88261	3.75E-01	0.06108	0.00011	0.00668	0.44275	4.73E-01	0.077096	9.21E-05	0.003898	5.54E-01	0.466417	0.066308	7.52E-05	0.00414	0.53694
4234	480863.09	3856377.25	4.97	18.33524	6.85649	4.05509	4.50E-01	0.07757	0.00013	0.00939	0.53748	5.68E-01	0.097901	0.000109	0.005483	6.72E-01	0.560366	0.084202	8.9E-05	0.005823	0.65048
4235	481363.09	3856377.25	5.45055	18.90603	7.33135	5.68498	4.94E-01	0.07998	0.00014	0.01317	0.58723	6.23E-01	0.100949	0.000117	0.007687	7.32E-01	0.614548	0.086824	9.52E-05	0.008164	0.70963
4236	481863.09	3856377.25	5.31058	20.10968	7.2295	7.8931	4.81E-01	0.08507	0.00014	0.01828	0.58475	6.07E-01	0.107376	0.000115	0.010672	7.26E-01	0.598766	0.092351	9.38E-05	0.011335	0.702546
4237	482363.09	3856377.25	5.33824	18.17014	7.35096	9.45518	4.84E-01	0.07687	0.00014	0.0219	0.58267	6.11E-01	0.09702	0.000117	0.012784	7.21E-01	0.601885	0.083444	9.54E-05	0.013578	0.699002
4238	482863.09	3856377.25	5.87933	22.89883	8.12626	10.53346	5.33E-01	0.09687	0.00015	0.0244	0.65422	6.72E-01	0.122269	0.000129	0.014242	8.09E-01	0.662892	0.10516	0.000105	0.015127	0.783284
4239	483363.09	3856377.25	6.59479	24.22927	9.13937	11.95766	5.98E-01	0.1025	0.00017	0.0277	0.728	7.54E-01	0.129373	0.000145	0.016168	9.00E-01	0.74356	0.11127	0.000119	0.017172	0.872121
4240	483863.09	3856377.25	7.61855	24.63807	10.48604	13.73061	6.90E-01	0.10423	0.0002	0.0318	0.82664	8.71E-01	0.131555	0.000167	0.018565	1.02E+00	0.858989	0.113147	0.000136	0.019718	0.99199
4241	484363.09	3856377.25	8.9962	29.10288	12.33674	16.27377	8.15E-01	0.12312	0.00023	0.03769	0.9763	1.03E+00	0.155395	0.000196	0.022004	1.21E+00	1.014318	0.133651	0.00016	0.02337	1.1715
4242	484863.09	3856377.25	10.4701	30.09132	14.38625	18.68909	9.49E-01	0.1273	0.00027	0.04329	1.11968	1.20E+00	0.160673	0.000229	0.02527	1.38E+00	1.1805	0.138191	0.000187	0.026839	1.345716
4243	485363.09	3856377.25	14.57462	26.99426	20.08892	20.69899	1.32E+00	0.1142	0.00038	0.04794	1.4833	1.67E+00	0.144136	0.000319	0.027987	1.84E+00	1.643283	0.123968	0.000261	0.029725	1.797237
4244	485863.09	3856377.25	25.4422	25.73828	40.47453	25.324	2.31E+00	0.10889	0.00076	0.05866	2.47392	2.91E+00	0.13743	0.000643	0.034241	3.08E+00	2.868599	0.1182	0.000525	0.036367	3.023691
4245	486363.09	3856377.25	33.2742	41.60768	39.7436	12.32733	3.02E+00	0.17602	0.00074	0.02855	3.2207	3.81E+00	0.222165	0.000632	0.016668	4.05E+00	3.751655	0.191078	0.000516	0.017703	3.960951
4246	486863.09	3856377.25	17.84121	61.64474	24.57812	7.36717	1.62E+00	0.26079	0.00046	0.01706	1.89512	2.04E+00	0.329153	0.000391	0.009961	2.38E+00	2.01159	0.283096	0.000319	0.01058	2.305585
4247	487363.09	3856377.25	14.37409	54.78559	19.79454	7.25126	1.30E+00	0.23177	0.00037	0.0168	1.55155	1.64E+00	0.292529	0.000315	0.009804	1.95E+00	1.620674	0.251596	0.000257	0.010413	1.88294
4248	487863.09	3856377.25	11.29875	48.0663	15.40835	8.79673	1.02E+00	0.20334	0.00029	0.02037	1.24792	1.29E+00	0.256651	0.000245	0.011894	1.56E+00	1.27393	0.220738	0.0002	0.012633	1.507501
4249	488363.09	3856377.25	9.36859	37.15915	12.54104	8.92187	8.49E-01	0.1572	0.00023	0.02066	1.0271	1.07E+00	0.198412	0.000199	0.012063	1.28E+00	1.056305	0.170649	0.000163	0.012812	1.239929
4250	488863.09	3856377.25	8.02628	36.09277	10.69046	8.57782	7.27E-01	0.15269	0.0002	0.01987	0.90012	9.18E-01	0.192718	0.00017	0.011598	1.12E+00	0.90496	0.165751	0.000139	0.012318	1.083169
4251	489363.09	3856377.25	7.0251	28.05237	9.41324	8.0255	6.37E-01	0.11868	0.00018	0.01859	0.77407	8.04E-01	0.149786	0.00015	0.010851	9.64E-01	0.792078	0.128827	0.000122	0.011525	0.932552
4252	489863.09	3856377.25	6.35344	25.04287	8.4842	7.60167	5.76E-01	0.10594	0.00016	0.01761	0.69947	7.27E-01	0.133717	0.000135	0.010278	8.71E-01	0.716348	0.115006	0.00011	0.010916	0.842381
4253	490363.09	3856377.25	5.99695	22.41755	8.11511	6.87046	5.43E-01	0.09484	0.00015	0.01591	0.65436	6.86E-01	0.119699	0.000129	0.00929	8.15E-01	0.676154	0.10295	0.000105	0.009866	0.789075
4254	490863.09	3856377.25	5.85451	18.88463	7.90789	6.12136	5.31E-01	0.07989	0.00015	0.01418	0.62477	6.70E-01	0.100835	0.000126	0.008277	7.79E-01	0.660094	0.086725	0.000103	0.008791	0.755712
4255	491363.09	3856377.25	5.56702	17.63691	7.52667	5.70736	5.04E-01	0.07461	0.00014	0.01322	0.59247	6.37E-01	0.094173	0.00012	0.007717	7.39E-01	0.62768	0.080995	9.77E-05	0.008196	0.716969
4256	491863.09	3856377.25	5.26244	15.52207	7.13841	5.12485	4.77E-01	0.06567	0.00013	0.01187	0.55456	6.02E-01	0.08288	0.000113	0.006929	6.92E-01	0.593338	0.071283	9.27E-05	0.00736	0.672074
4257	492363.09	3856377.25	4.84196	13.37993	6.63205	4.25021	4.39E-01	0.0566	0.00012	0.00984	0.50536	5.54E-01	0.071442	0.000105	0.005747	6.31E-01	0.545929	0.061446	8.61E-05	0.006104	0.613565
4258	492863.09	3856377.25	3.92952	8.64362	5.32028	2.60654	3.56E-01	0.03657	1E-04	0.00604	0.39881	4.49E-01	0.046153	8.46E-05	0.003524	4.99E-01	0.443052	0.039695	6.91E-05	0.003743	0.486559
4259	493363.09	3856377.25	1.62864	2.97496	2.24152	2.11105	1.48E-01	0.01259	4.2E-05	0.00489	0.16511	1.86E-01	0.015885	3.56E-05	0.002854	2.05E-01	0.183629	0.013662	2.91E-05	0.003032	0.200351
4260	493863.09	3856377.25	1.55228	2.33709	2.15724	2.04092	1.41E-01	0.00989	4E-05	0.00473	0.15533	1.78E-01	0.012479	3.43E-05	0.00276	1.93E-01	0.175019	0.010733	2.8E-05	0.002931	0.188711
4261	494363.09	3856377.25	1.10163	1.57357	1.51047	1.52697	9.98E-02	0.00666	2.8E-05	0.00354	0.11005	1.26E-01	0.008402	2.4E-05	0.002065	1.36E-01	0.124208	0.007226	1.96E-05	0.002193	0.133647
4262	494863.09	3856377.25	0.98229	1.33903	1.34156	1.44823	8.90E-02	0.00566	2.5E-05	0.00335	0.09806	1.12E-01	0.00715	2.13E-05	0.001958	1.21E-01	0.110753	0.006149	1.74E-05	0.00208	0.118999
4263	495363.09	3856377.25	0.95911	1.36955	1.29842	1.44126	8.69E-02	0.00579	2.4E-05	0.00334	0.09607	1.10E-01	0.007313	2.06E-05	0.001949	1.19E-01	0.108139	0.006289	1.69E-05	0.00207	0.116515
4264	495863.09	3856377.25	0.93616	1.42141	1.25488	1.43568	8.48E-02	0.00601	2.3E-05	0.00333	0.0942	1.07E-01	0.00759	1.99E-05	0.001941	1.17E-01	0.105552	0.006528	1.63E-05	0.002062	0.114157
4265	496363.09	3856377.25	0.91346	1.47543	1.21589	1.42976	8.28E-02	0.00624	2.3E-05	0.00331	0.09236	1.04E-01	0.007878	1.93E-05	0.001933	1.14E-01	0.102992	0.006776	1.58E-05	0.002053	0.111837
4266	496863.09	3856377.25	0.89275	1.51458	1.17801	1.42829	8.09E-02	0.00641	2.2E-05	0.00331	0.09064	1.02E-01	0.008087	1.87E-05	0.001931	1.12E-01	0.100657	0.006956	1.53E-05	0.002051	0.109679

4267	497363.09	3856377.25	0.87803	1.5476	1.15496	1.4235		7.96E-02	0.00655	2.2E-05	0.0033	0.08943		1.00E-01	0.008263	1.84E-05	0.001925	1.11E-01		0.098998	0.007107	1.5E-05	0.002044	0.108164
4268	497863.09	3856377.25	0.94023	1.62871	1.25336	1.41848		8.52E-02	0.00689	2.3E-05	0.00329	0.0954		1.08E-01	0.008697	1.99E-05	0.001918	1.18E-01		0.106011	0.00748	1.63E-05	0.002037	0.115544
4269	498363.09	3856377.25	0.9734	1.75602	1.31121	1.47231		8.82E-02	0.00743	2.5E-05	0.00341	0.09908		1.11E-01	0.009376	2.08E-05	0.001991	1.23E-01		0.109751	0.008064	1.7E-05	0.002114	0.119946
4270	471363.09	3856877.25	2.00728	4.08381	2.57964	1.50868		1.82E-01	0.01728	4.8E-05	0.00349	0.20272		2.30E-01	0.021806	4.1E-05	0.00204	2.53E-01		0.22632	0.018754	3.35E-05	0.002167	0.247275
4271	471863.09	3856877.25	2.01603	4.19787	2.65098	1.47758		1.83E-01	0.01776	5E-05	0.00342	0.20393		2.31E-01	0.022415	4.21E-05	0.001998	2.55E-01		0.227307	0.019278	3.44E-05	0.002122	0.248741
4272	472363.09	3856877.25	2.09384	4.56059	2.79812	1.54934		1.90E-01	0.01929	5.2E-05	0.00359	0.21268		2.39E-01	0.024351	4.45E-05	0.002095	2.66E-01		0.23608	0.020944	3.63E-05	0.002225	0.259285
4273	472863.09	3856877.25	2.17098	4.8524	2.9282	1.62215		1.97E-01	0.02053	5.5E-05	0.00376	0.22108		2.48E-01	0.025909	4.65E-05	0.002193	2.76E-01		0.244777	0.022284	3.8E-05	0.002329	0.269429
4274	473363.09	3856877.25	2.37176	5.42659	3.17691	1.861		2.15E-01	0.02296	5.9E-05	0.00431	0.24226		2.71E-01	0.028975	5.05E-05	0.002516	3.03E-01		0.267415	0.024921	4.12E-05	0.002672	0.29505
4275	473863.09	3856877.25	2.4788	5.6239	3.29147	1.92819		2.25E-01	0.02379	6.2E-05	0.00447	0.25295		2.84E-01	0.030029	5.23E-05	0.002607	3.16E-01		0.279484	0.025827	4.27E-05	0.002769	0.308123
4276	474363.09	3856877.25	2.38683	5.46864	3.14231	1.6738		2.16E-01	0.02314	5.9E-05	0.00388	0.24337		2.73E-01	0.0292	4.99E-05	0.002263	3.05E-01		0.269114	0.025114	4.08E-05	0.002404	0.296673
4277	474863.09	3856877.25	2.09536	5.14613	2.81761	1.4531		1.90E-01	0.02177	5.3E-05	0.00337	0.21508		2.40E-01	0.027478	4.48E-05	0.001965	2.69E-01		0.236251	0.023633	3.66E-05	0.002087	0.262007
4278	475363.09	3856877.25	1.58435	4.09577	2.10152	1.31144		1.44E-01	0.01733	3.9E-05	0.00304	0.16398		1.81E-01	0.021869	3.34E-05	0.001773	2.05E-01		0.178635	0.018809	2.73E-05	0.001883	0.199355
4279	475863.09	3856877.25	1.50432	3.88597	1.94191	1.32332		1.36E-01	0.01644	3.6E-05	0.00307	0.15587		1.72E-01	0.020749	3.09E-05	0.001789	1.95E-01		0.169612	0.017846	2.52E-05	0.0019	0.189383
4280	476363.09	3856877.25	1.24427	3.03954	1.53312	1.30439		1.13E-01	0.01286	2.9E-05	0.00302	0.12867		1.42E-01	0.01623	2.44E-05	0.001764	1.60E-01		0.140291	0.013959	1.99E-05	0.001873	0.156143
4281	476863.09	3856877.25	1.19381	2.97771	1.53998	1.30016		1.08E-01	0.0126	2.9E-05	0.00301	0.12382		1.37E-01	0.0159	2.45E-05	0.001758	1.54E-01		0.134602	0.013675	2E-05	0.001867	0.150164
4282	477363.09	3856877.25	1.16569	2.99413	1.54507	1.27727		1.06E-01	0.01267	2.9E-05	0.00296	0.12129		1.33E-01	0.015987	2.46E-05	0.001727	1.51E-01		0.131431	0.01375	2.01E-05	0.001834	0.147036
4283	477863.09	3856877.25	0.91122	2.11415	1.1667	1.05898		8.26E-02	0.00894	2.2E-05	0.00245	0.094		1.04E-01	0.011289	1.85E-05	0.001432	1.17E-01		0.10274	0.009709	1.51E-05	0.001521	0.113985
4284	478363.09	3856877.25	0.83225	1.80958	1.06848	1.1186		7.54E-02	0.00766	2E-05	0.00259	0.08569		9.52E-02	0.009662	1.7E-05	0.001512	1.06E-01		0.093836	0.00831	1.39E-05	0.001606	0.103766
4285	478863.09	3856877.25	0.98663	2.02319	1.3283	1.17331		8.94E-02	0.00856	2.5E-05	0.00272	0.10071		1.13E-01	0.010803	2.11E-05	0.001586	1.25E-01		0.111242	0.009291	1.72E-05	0.001685	0.122236
4286	479363.09	3856877.25	1.1977	2.44488	1.5538	1.21596		1.09E-01	0.01034	2.9E-05	0.00282	0.12173		1.37E-01	0.013054	2.47E-05	0.001644	1.52E-01		0.13504	0.011228	2.02E-05	0.001746	0.148034
4287	479863.09	3856877.25	2.39288	6.91406	3.25735	1.79346		2.17E-01	0.02925	6.1E-05	0.00415	0.25031		2.74E-01	0.036918	5.18E-05	0.002425	3.13E-01		0.269796	0.031752	4.23E-05	0.002576	0.304166
4288	480363.09	3856877.25	3.75698	13.69914	5.08768	2.52844		3.40E-01	0.05795	9.5E-05	0.00586	0.40437		4.30E-01	0.073147	8.09E-05	0.003419	5.06E-01		0.423598	0.062912	6.6E-05	0.003631	0.490207
4289	480863.09	3856877.25	4.66312	16.70366	6.39555	3.93127		4.23E-01	0.07067	0.00012	0.00911	0.50247		5.33E-01	0.08919	0.000102	0.005316	6.28E-01		0.525765	0.076709	8.3E-05	0.005646	0.608203
4290	481363.09	3856877.25	4.79788	13.92056	6.4297	5.55517		4.35E-01	0.05889	0.00012	0.01287	0.50667		5.49E-01	0.074329	0.000102	0.007511	6.31E-01		0.540959	0.063928	8.35E-05	0.007978	0.612949
4291	481863.09	3856877.25	4.91766	15.32358	6.5073	6.52621		4.46E-01	0.06483	0.00012	0.01512	0.52571		5.62E-01	0.081821	0.000103	0.008824	6.53E-01		0.554464	0.070372	8.45E-05	0.009372	0.634293
4292	482363.09	3856877.25	4.77867	17.96186	6.46324	8.33596		4.33E-01	0.07599	0.00012	0.01931	0.52847		5.47E-01	0.095908	0.000103	0.011271	6.54E-01		0.538793	0.082488	8.39E-05	0.011971	0.633336
4293	482863.09	3856877.25	5.01054	17.42744	6.7708	9.10696		4.54E-01	0.07373	0.00013	0.02109	0.54901		5.73E-01	0.093054	0.000108	0.012314	6.79E-01		0.564937	0.080033	8.79E-05	0.013078	0.658136
4294	483363.09	3856877.25	5.42152	18.96189	7.32154	9.98278		4.91E-01	0.08022	0.00014	0.02312	0.59479		6.20E-01	0.101247	0.000116	0.013498	7.35E-01		0.611275	0.08708	9.5E-05	0.014336	0.712785
4295	483863.09	3856877.25	5.94524	20.3167	8.09836	11.06729		5.39E-01	0.08595	0.00015	0.02563	0.65051		6.80E-01	0.108481	0.000129	0.014964	8.04E-01		0.670324	0.093302	0.000105	0.015893	0.779624
4296	484363.09	3856877.25	6.73573	22.12138	9.28289	12.60636		6.10E-01	0.09358	0.00017	0.0292	0.73336		7.70E-01	0.118118	0.000148	0.017045	9.06E-01		0.759451	0.10159	0.00012	0.018103	0.879265
4297	484863.09	3856877.25	7.84572	25.68393	10.8903	14.68045		7.11E-01	0.10866	0.0002	0.034	0.85386		8.97E-01	0.13714	0.000173	0.01985	1.05E+00		0.884602	0.11795	0.000141	0.021082	1.023776
4298	485363.09	3856877.25	9.65059	29.61616	13.44977	17.52064		8.75E-01	0.12529	0.00025	0.04058	1.04068		1.10E+00	0.158136	0.000214	0.02369	1.29E+00		1.088101	0.136008	0.000175	0.025161	1.249444
4299	485863.09	3856877.25	12.87182	35.68196	17.94714	20.6721		1.17E+00	0.15095	0.00034	0.04788	1.36564		1.47E+00	0.190525	0.000285	0.027951	1.69E+00		1.451293	0.163865	0.000233	0.029686	1.645077
4300	486363.09	3856877.25	22.90628	54.88571	44.63797	14.03163		2.08E+00	0.23219	0.00084	0.0325	2.34135		2.62E+00	0.293063	0.000709	0.018972	2.93E+00		2.582675	0.252056	0.000579	0.02015	2.85546
4301	486863.09	3856877.25	29.17845	78.78497	61.20482	15.65297		2.64E+00	0.3333	0.00115	0.03626	3.01491		3.34E+00	0.420674	0.000973	0.021165	3.78E+00		3.28986	0.36181	0.000794	0.022478	3.674943
4302	487363.09	3856877.25	17.01128	74.87751	23.30458	14.52207		1.54E+00	0.31677	0.00044	0.03364	1.89244		1.95E+00	0.39981	0.00037	0.019635	2.37E+00		1.918016	0.343865	0.000303	0.020854	2.283038
4303	487863.09	3856877.25	13.32229	57.98303	18.21737	14.26244		1.21E+00	0.2453	0.00034	0.03303	1.48597		1.52E+00	0.309602	0.00029	0.019284	1.85E+00		1.502084	0.26628	0.000236	0.020482	1.789081
4304	488363.09	3856877.25	10.88476	47.60595	14.90186	13.71752		9.86E-01	0.2014	0.00028	0.03177	1.21985		1.24E+00	0.254193	0.000237	0.018548	1.52E+00		1.227253	0.218624	0.000193	0.019699	1.46577
4305	488863.09	3856877.25	9.11732	39.11693	12.43824	12.37105		8.26E-01	0.16548	0.00023	0.02865	1.0206		1.04E+00	0.208866	0.000198	0.016727	1.27E+00		1.027975	0.179639	0.000161	0.017765	1.225541
4306	489363.09	3856877.25	7.8888	31.37565	10.68184	11.02091		7.15E-01	0.13274	0.0002	0.02553	0.87336		9.02E-01	0.167531	0.00017	0.014901	1.08E+00		0.88946	0.144089	0.000139	0.015827	1.049513
4307	489863.09	3856877.25	7.00596	26.29893	9.38811	9.7987		6.35E-01	0.11126	0.00018	0.0227	0.76902		8.01E-01	0.140424	0.000149	0.013249	9.55E-01		0.78992	0.120774	0.000122	0.014071	0.924887
4308	490363.09	3856877.25	6.35091	22.36591	8.41491	8.32663		5.76E-01	0.09462	0.00016	0.01929	0.6896		7.26E-01	0.119423	0.000134	0.011259	8.57E-01		0.716063	0.102713	0.000109	0.011957	0.830842
4309	490863.09	3856877.25	5.95399	18.57054	8.02575	7.22642		5.40E-01	0.07856	0.00015	0.01674	0.63501		6.81E-01	0.099158	0.000128	0.009771	7.90E-01		0.67131	0.085283	0.000104	0.010378	0.767075
4310	491363.09	3856877.25	5.6736	17.92085	7.70585	6.50626		5.14E-01	0.07581	0.00014	0.01507	0.60518		6.49E-01	0.095689	0.000122	0.008797	7.54E-01		0.639696	0.082299	0.0001	0.009343	0.731439
4311	491863.09	3856877.25	5.43263	16.49266	7.40524	5.67831		4.92E-01	0.06977	0.00014	0.01315	0.57538		6.21E-01	0.088063	0.000118	0.007678	7.17E-01		0.612527	0.07574	9.61E-05	0.008154	0.696518
4312	492363.09	3856877.25	4.59342	12.35041	6.11755	2.88717		4.16E-01	0.05225	0.00011	0.00669	0.47532		5.25E-01	0.065945	9.72E-05	0.003904	5.95E-01		0.517907	0.056718	7.94E-05	0.004146	0.57885
4313	492863.09	3856877.25	3.24445	7.60816	4.16192	2.43656		2.94E-01	0.03219	7.8E-05	0.00564	0.33193		3.71E-01	0.040624	6.61E-05	0.003294	4.15E-01		0.365811	0.034939	5.4E-05	0.003499	0.404303
4314	493363.09	3856877.25	1.87061	4.57665	2.22059	2.27094		1.70E-01	0.01936	4.2E-05	0.00526	0.19418		2.14E-01	0.024437	3.53E-05	0.003071	2.42E-01		0.210911	0.021018	2.88E-05	0.003261	0.235218
4315	493863.09	3856877.25	1.39393	3.11606	1.69259	2.14871		1.26E-01	0.01318	3.2E-05	0.00498	0.14451		1.59E-01	0.016638	2.69E-05	0.002905	1.79E-01		0.157165	0.01431	2.2E-05	0.003086	0.174583
4316	494363.09	3856877.25	1.08916	2.71439	1.26491	1.51694		9.87E-02	0.01148	2.4E-05	0.00351	0.11372		1.25E-01	0.014494	2.01E-05	0.002051	1.41E-01		0.122802	0.012465	1.64E-05	0.002178	0.137463
4317	494863.09	3856877.25	0.94982	2.47136	1.09993	1.49926		8.61E-02	0.01046	2.1E-05	0.00347	0.10002		1.09E-01	0.013196	1.75E-05	0.002027	1.24E-01		0.107092	0.011349	1.43E-05	0.002153	0.120609
4318	495363.09	3856877.25	0.90405	2.30146	1.0657	1.47446		8.19E-02	0.00974	2E-05	0.00342	0.0951		1.03E-01	0.012289	1.69E-05	0.001994	1.18E-01		0.101931	0.010569	1.38E-05	0.002117	0.114632
4319	495863.09	3856877.25	0.85955	2.13297	1.03176	1.45401		7.79E-02	0.00902	1.9E-05	0.00337	0.0903		9.83E-02	0.011389	1.64E-05	0.001966	1.12E-01		0.096914	0.009795	1.34E-05	0.002088	0.108811
4320	496363.09	3856877.25	0.84009	2.03261	0.9981	1.4329		7.61E-02	0.0086	1.9E-05	0.00332	0.08807		9.61E-02	0.010853	1.59E-05	0.001937	1.09E-01		0.09472	0.009335	1.3E-05	0.002058	0.106125
4321	496863.09	3856877.25	0.82883	1.941	0.96835	1.40628		7.51E-02	0.00821	1.8E-05	0.00326	0.0866		9.48E-02	0.010364	1.54E-05	0.001901	1.07E-01		0.09345	0.008914	1.26E-05	0.002019	0.104396
4322	497363.09	3856877.25	0.8888	1.85781	1.05067	1.3777		8.05E-02	0.00786	2E-05	0.00319	0.09162		1.02E-01	0.00992	1.67E-05	0.001863	1.13E-01		0.100212	0.008532	1.36E-05	0.001978	0.110736
4323	497863.09	3856877.25	0.91673	1.92722	1.03696	1.46724		8.31E-02	0.00815	1.9E-05	0.0034	0.09465		1.05E-01	0.01029	1.65E-05	0.001984	1.17E-01		0.103361	0.008851	1.35E-05	0.002107	0.114332
4324	498363.09	3856877.25	1.09584	2.32407	1.23089	1.48879		9.93E-02	0.00983	2.3E-05	0.00345	0.11261		1.25E-01	0.012409	1.96E-05	0.002013	1.40E-01		0.123556	0.010673	1.6E-05	0.002138	0.136383
4325	471363.09	3857377.25	2.06867	4.25266	2.75108	1.71713		1.87E-01	0.01799	5.2E-05	0.00398	0.20949		2.37E-01	0.022707	4.37E-05	0.002322	2.62E-01		0.233242	0.01953	3.57E-05	0.002466	0.255273
4326	471863.09	3857377.25	2.07281	4.29835	2.73499	1.64829		1.88E-01	0.01818	5.1E-05	0.00382	0.2099		2.37E-01	0.022951	4.35E-05	0.002229	2.62E-01		0.233709	0.01974	3.55E-05	0.002367	0.255851
4327	472363.09	3857377.25	2.12997	4.45643	2.82524	1.67449		1.93E-01	0.01885	5.3E-05	0.00388	0.21581		2.44E-01	0.023795	4.49E-05	0.002264	2.70E-01		0.240153	0.020466	3.67E-05	0.002405	0.26306

4328	472863.09	3857377.25	2.21532	4.83286	2.98061	1.74075	2.01E-01	0.02045	5.6E-05	0.00403	0.22529	2.53E-01	0.025805	4.74E-05	0.002354	2.82E-01	0.249777	0.022194	3.87E-05	0.0025	0.274509
4329	473363.09	3857377.25	2.33996	5.20507	3.17321	1.89325	2.12E-01	0.02202	5.9E-05	0.00439	0.23852	2.68E-01	0.027793	5.04E-05	0.00256	2.98E-01	0.26383	0.023904	4.12E-05	0.002719	0.290493
4330	473863.09	3857377.25	2.49028	5.41152	3.38682	2.12732	2.26E-01	0.02289	6.3E-05	0.00493	0.25356	2.85E-01	0.028895	5.38E-05	0.002876	3.17E-01	0.280778	0.024852	4.4E-05	0.003055	0.308729
4331	474363.09	3857377.25	2.31637	5.26125	3.12498	1.6508	2.10E-01	0.02226	5.9E-05	0.00382	0.23605	2.65E-01	0.028093	4.97E-05	0.002232	2.95E-01	0.26117	0.024162	4.06E-05	0.002371	0.287743
4332	474863.09	3857377.25	1.69252	4.19517	2.12022	1.33875	1.53E-01	0.01775	4E-05	0.0031	0.17427	1.94E-01	0.0224	3.37E-05	0.00181	2.18E-01	0.190831	0.019266	2.75E-05	0.001923	0.212047
4333	475363.09	3857377.25	1.06761	2.81531	1.39187	1.17094	9.67E-02	0.01191	2.6E-05	0.00271	0.1114	1.22E-01	0.015032	2.21E-05	0.001583	1.39E-01	0.120373	0.012929	1.81E-05	0.001682	0.135001
4334	475863.09	3857377.25	1.05522	2.34465	1.31647	0.91492	9.56E-02	0.00992	2.5E-05	0.00212	0.10769	1.21E-01	0.012519	2.09E-05	0.001237	1.34E-01	0.118976	0.010768	1.71E-05	0.001314	0.131074
4335	476363.09	3857377.25	1.22659	2.81421	1.59856	1.2303	1.11E-01	0.01191	3E-05	0.00285	0.12594	1.40E-01	0.015027	2.54E-05	0.001663	1.57E-01	0.138298	0.012924	2.07E-05	0.001767	0.153009
4336	476863.09	3857377.25	1.23002	2.80478	1.66775	1.24823	1.11E-01	0.01187	3.1E-05	0.00289	0.12626	1.41E-01	0.014976	2.65E-05	0.001688	1.57E-01	0.138684	0.012881	2.16E-05	0.001793	0.153379
4337	477363.09	3857377.25	1.15999	2.44682	1.5496	1.24145	1.05E-01	0.01035	2.9E-05	0.00288	0.11838	1.33E-01	0.013065	2.46E-05	0.001679	1.47E-01	0.130788	0.011237	2.01E-05	0.001783	0.143828
4338	477863.09	3857377.25	0.98002	2.04947	1.28322	1.05145	8.88E-02	0.00867	2.4E-05	0.00244	0.09994	1.12E-01	0.010943	2.04E-05	0.001422	1.24E-01	0.110497	0.009412	1.67E-05	0.00151	0.121435
4339	478363.09	3857377.25	0.83676	1.66668	1.13561	1.11714	7.58E-02	0.00705	2.1E-05	0.00259	0.08549	9.57E-02	0.008899	1.8E-05	0.00151	1.06E-01	0.094344	0.007654	1.47E-05	0.001604	0.103617
4340	478863.09	3857377.25	0.86775	1.68301	1.11639	1.04503	7.86E-02	0.00712	2.1E-05	0.00242	0.0882	9.93E-02	0.008986	1.77E-05	0.001413	1.10E-01	0.097839	0.007729	1.45E-05	0.001501	0.107083
4341	479363.09	3857377.25	0.98796	2.26694	1.33389	1.18241	8.95E-02	0.00959	2.5E-05	0.00274	0.10188	1.13E-01	0.012104	2.12E-05	0.001599	1.27E-01	0.111392	0.010411	1.73E-05	0.001698	0.123518
4342	479863.09	3857377.25	1.90149	4.90266	2.68644	1.70543	1.72E-01	0.02074	5E-05	0.00395	0.19706	2.17E-01	0.026178	4.27E-05	0.002306	2.46E-01	0.214392	0.022515	3.49E-05	0.002449	0.239391
4343	480363.09	3857377.25	1.33577	3.92578	1.84372	1.57103	1.21E-01	0.01661	3.5E-05	0.00364	0.14133	1.53E-01	0.020962	2.93E-05	0.002124	1.76E-01	0.150608	0.018029	2.39E-05	0.002256	0.170916
4344	480863.09	3857377.25	4.25118	12.93829	5.77797	3.75004	3.85E-01	0.05474	0.00011	0.00869	0.44878	4.86E-01	0.069084	9.18E-05	0.00507	5.60E-01	0.479319	0.059417	7.5E-05	0.005385	0.544197
4345	481363.09	3857377.25	4.48082	13.83991	6.1114	3.71862	4.06E-01	0.05855	0.00011	0.00861	0.47334	5.13E-01	0.073898	9.71E-05	0.005028	5.92E-01	0.505211	0.063558	7.93E-05	0.00534	0.574188
4346	481863.09	3857377.25	4.52586	15.4633	6.11035	5.12945	4.10E-01	0.06542	0.00011	0.01188	0.48756	5.18E-01	0.082567	9.71E-05	0.006936	6.07E-01	0.510289	0.071013	7.93E-05	0.007366	0.588748
4347	482363.09	3857377.25	4.37868	13.98532	5.97369	7.28114	3.97E-01	0.05917	0.00011	0.01686	0.47295	5.01E-01	0.074675	9.49E-05	0.009845	5.85E-01	0.493695	0.064226	7.75E-05	0.010456	0.568454
4348	482863.09	3857377.25	4.42979	14.84872	6.04026	7.9386	4.01E-01	0.06282	0.00011	0.01839	0.48275	5.07E-01	0.079285	9.6E-05	0.010734	5.97E-01	0.499457	0.068191	7.84E-05	0.0114	0.579127
4349	483363.09	3857377.25	4.6664	16.07897	6.36512	8.57567	4.23E-01	0.06802	0.00012	0.01986	0.51088	5.34E-01	0.085854	0.000101	0.011595	6.31E-01	0.526135	0.073841	8.26E-05	0.012315	0.612373
4350	483863.09	3857377.25	4.99728	17.58279	6.82547	9.3421	4.53E-01	0.07438	0.00013	0.02164	0.54901	5.72E-01	0.093884	0.000108	0.012632	6.78E-01	0.563442	0.080747	8.86E-05	0.013416	0.657693
4351	484363.09	3857377.25	5.38256	19.79919	7.40172	10.3143	4.88E-01	0.08376	0.00014	0.02389	0.59557	6.16E-01	0.105718	0.000118	0.013946	7.35E-01	0.606882	0.090925	9.61E-05	0.014812	0.712715
4352	484863.09	3857377.25	5.9785	23.26287	8.28333	11.66481	5.42E-01	0.09841	0.00016	0.02702	0.66737	6.84E-01	0.124213	0.000132	0.015772	8.24E-01	0.674074	0.106832	0.000108	0.016751	0.797764
4353	485363.09	3857377.25	6.91835	28.50482	9.4527	13.45573	6.27E-01	0.12059	0.00018	0.03117	0.77889	7.91E-01	0.152202	0.00015	0.018194	9.62E-01	0.780042	0.130905	0.000123	0.019323	0.930392
4354	485863.09	3857377.25	8.8801	35.59596	12.09557	16.29233	8.05E-01	0.15059	0.00023	0.03774	0.99328	1.02E+00	0.190065	0.000192	0.022029	1.23E+00	1.001228	0.16347	0.000157	0.023397	1.188252
4355	486363.09	3857377.25	12.28734	43.60782	16.74389	20.30908	1.11E+00	0.18448	0.00031	0.04704	1.34534	1.41E+00	0.232845	0.000266	0.02746	1.67E+00	1.385393	0.200263	0.000217	0.029165	1.615039
4356	486863.09	3857377.25	29.7398	91.11734	29.00691	18.43565	2.70E+00	0.38547	0.00054	0.0427	3.1238	3.40E+00	0.486523	0.000461	0.024927	3.91E+00	3.353152	0.418445	0.000377	0.026475	3.798448
4357	487363.09	3857377.25	19.66317	101.1922	32.93776	34.15354	1.78E+00	0.42809	0.00062	0.07911	2.28973	2.25E+00	0.540318	0.000523	0.046179	2.84E+00	2.217016	0.464712	0.000428	0.049046	2.731202
4358	487863.09	3857377.25	15.49434	60.20254	22.09737	22.06693	1.40E+00	0.25469	0.00041	0.05111	1.71034	1.77E+00	0.321453	0.000351	0.029837	2.12E+00	1.746982	0.276472	0.000287	0.031689	2.05543
4359	488363.09	3857377.25	13.04432	47.32757	17.63798	19.71922	1.18E+00	0.20022	0.00033	0.04567	1.42833	1.49E+00	0.252707	0.00028	0.026663	1.77E+00	1.470743	0.217346	0.000229	0.028318	1.716635
4360	488863.09	3857377.25	10.83204	38.23018	14.69056	16.42719	9.82E-01	0.16173	0.00028	0.03805	1.18168	1.24E+00	0.204131	0.000233	0.022211	1.47E+00	1.221309	0.175567	0.000191	0.02359	1.420657
4361	489363.09	3857377.25	9.11853	31.11279	12.29811	13.7667	8.26E-01	0.13162	0.00023	0.03189	0.99008	1.04E+00	0.166127	0.000195	0.018614	1.23E+00	1.028111	0.142881	0.00016	0.01977	1.190922
4362	489863.09	3857377.25	7.88975	25.62382	10.79783	11.56657	7.15E-01	0.1084	0.0002	0.02679	0.85038	9.02E-01	0.136819	0.000172	0.015639	1.06E+00	0.889567	0.117674	0.00014	0.01661	1.023991
4363	490363.09	3857377.25	7.07002	21.42098	9.60845	9.93029	6.41E-01	0.09062	0.00018	0.023	0.7545	8.09E-01	0.114378	0.000153	0.013427	9.37E-01	0.797142	0.098373	0.000125	0.01426	0.909901
4364	490863.09	3857377.25	6.44945	18.0972	8.55106	8.56821	5.84E-01	0.07656	0.00016	0.01985	0.68103	7.38E-01	0.09663	0.000136	0.011585	8.46E-01	0.727173	0.083109	0.000111	0.012304	0.822698
4365	491363.09	3857377.25	5.92885	15.48192	7.94892	7.51157	5.37E-01	0.0655	0.00015	0.0174	0.62033	6.78E-01	0.082666	0.000126	0.010156	7.71E-01	0.668476	0.071099	0.000103	0.010787	0.750465
4366	491863.09	3857377.25	5.98261	15.89735	8.13728	5.90055	5.42E-01	0.06725	0.00015	0.01367	0.62323	6.84E-01	0.084884	0.000129	0.007978	7.77E-01	0.674537	0.073007	0.000106	0.008474	0.756123
4367	492363.09	3857377.25	4.61667	9.82358	6.28327	2.949	4.18E-01	0.04156	0.00012	0.00683	0.46688	5.28E-01	0.052453	9.99E-05	0.003987	5.85E-01	0.520528	0.045114	8.16E-05	0.004235	0.569958
4368	492863.09	3857377.25	2.50845	3.8176	3.22383	2.29618	2.27E-01	0.01615	6E-05	0.00532	0.24885	2.87E-01	0.020384	5.12E-05	0.003105	3.10E-01	0.282827	0.017532	4.18E-05	0.003297	0.303698
4369	493363.09	3857377.25	1.499	2.5103	2.00076	2.08194	1.36E-01	0.01062	3.7E-05	0.00482	0.15132	1.71E-01	0.013404	3.18E-05	0.002815	1.88E-01	0.169012	0.011528	2.6E-05	0.00299	0.183556
4370	493863.09	3857377.25	1.29485	2.23095	1.74864	1.82175	1.17E-01	0.00944	3.3E-05	0.00422	0.13103	1.48E-01	0.011912	2.78E-05	0.002463	1.63E-01	0.145994	0.010245	2.27E-05	0.002616	0.158878
4371	494363.09	3857377.25	1.10493	1.64128	1.47879	1.70524	1.00E-01	0.00694	2.8E-05	0.00395	0.11105	1.26E-01	0.008764	2.35E-05	0.002306	1.37E-01	0.12458	0.007537	1.92E-05	0.002449	0.134586
4372	494863.09	3857377.25	1.04571	1.6186	1.34725	1.51773	9.48E-02	0.00685	2.5E-05	0.00352	0.10515	1.20E-01	0.008643	2.14E-05	0.002052	1.30E-01	0.117903	0.007433	1.75E-05	0.00218	0.127534
4373	495363.09	3857377.25	0.99612	1.5199	1.17913	1.42961	9.03E-02	0.00643	2.2E-05	0.00331	0.10003	1.14E-01	0.008116	1.87E-05	0.001933	1.24E-01	0.112312	0.00698	1.53E-05	0.002053	0.12136
4374	495863.09	3857377.25	0.96914	1.57159	1.14064	1.36019	8.78E-02	0.00665	2.1E-05	0.00315	0.09765	1.11E-01	0.008392	1.81E-05	0.001839	1.21E-01	0.10927	0.007217	1.48E-05	0.001953	0.118456
4375	496363.09	3857377.25	0.93977	1.51783	1.14372	1.32716	8.52E-02	0.00642	2.1E-05	0.00307	0.09468	1.07E-01	0.008104	1.82E-05	0.001794	1.17E-01	0.105959	0.00697	1.48E-05	0.001906	0.11485
4376	496863.09	3857377.25	0.93487	1.4677	1.15143	1.29308	8.47E-02	0.00621	2.2E-05	0.003	0.09395	1.07E-01	0.007837	1.83E-05	0.001748	1.17E-01	0.105406	0.00674	1.49E-05	0.001857	0.114018
4377	497363.09	3857377.25	0.92841	1.41823	1.15117	1.38338	8.41E-02	0.006	2.2E-05	0.0032	0.09336	1.06E-01	0.007573	1.83E-05	0.00187	1.16E-01	0.104678	0.006513	1.49E-05	0.001987	0.113192
4378	497863.09	3857377.25	1.01125	1.63738	1.28177	1.36647	9.16E-02	0.00693	2.4E-05	0.00317	0.10176	1.16E-01	0.008743	2.04E-05	0.001848	1.26E-01	0.114018	0.007519	1.66E-05	0.001962	0.123517
4379	498363.09	3857377.25	1.18684	1.74483	1.60771	1.61266	1.08E-01	0.00738	3E-05	0.00374	0.1187	1.36E-01	0.009317	2.56E-05	0.00218	1.47E-01	0.133816	0.008013	2.09E-05	0.002316	0.144165
4380	471363.09	3857877.25	2.0658	4.29234	2.82658	1.81706	1.87E-01	0.01816	5.3E-05	0.00421	0.20963	2.36E-01	0.022919	4.49E-05	0.002457	2.62E-01	0.232918	0.019712	3.67E-05	0.002609	0.255276
4381	471863.09	3857877.25	2.09335	4.31105	2.85538	1.78301	1.90E-01	0.01824	5.3E-05	0.00413	0.21212	2.39E-01	0.023019	4.54E-05	0.002411	2.65E-01	0.236024	0.019798	3.71E-05	0.00256	0.25842
4382	472363.09	3857877.25	2.15189	4.45493	2.92729	1.82708	1.95E-01	0.01885	5.5E-05	0.00423	0.21814	2.46E-01	0.023787	4.65E-05	0.00247	2.72E-01	0.242625	0.020459	3.8E-05	0.002624	0.265745
4383	472863.09	3857877.25	2.26274	5.05914	3.07359	2.01617	2.05E-01	0.0214	5.8E-05	0.00467	0.23118	2.59E-01	0.027013	4.88E-05	0.002726	2.89E-01	0.255123	0.023233	3.99E-05	0.002895	0.281292
4384	473363.09	3857877.25	2.31878	5.64751	3.16231	2.04597	2.10E-01	0.02389	5.9E-05	0.00474	0.23882	2.65E-01	0.030155	5.03E-05	0.002766	2.98E-01	0.261442	0.025935	4.1E-05	0.002938	0.290356
4385	473863.09	3857877.25	2.418	5.91388	3.29388	2.22393	2.19E-01	0.02502	6.2E-05	0.00515	0.24936	2.77E-01	0.031577	5.24E-05	0.003007	3.11E-01	0.272629	0.027159	4.28E-05	0.003194	0.303024
4386	474363.09	3857877.25	2.28644	5.51095	3.04781	1.68628	2.07E-01	0.02331	5.7E-05	0.00391	0.23448	2.62E-01	0.029426	4.84E-05	0.00228	2.93E-01	0.257795	0.025308	3.96E-05	0.002422	0.285565
4387	474863.09	3857877.25	1.73568	3.88506	2.30623	1.4065	1.57E-01	0.01644	4.3E-05	0.00326	0.17703	1.99E-01	0.020744	3.67E-05	0.001902	2.21E-01	0.195697	0.017842	2.99E-05	0.00202	0.215589
4388	475363.09	3857877.25	0.89338	1.82315	1.19818	0.9497	8.10E-02	0.00771	2.2E-05	0.0022	0.09089	1.02E-01	0.009735	1.9E-05	0.001284	1.13E-01	0.100728	0.008373	1.56E-05	0.001364	0.11048

4389	475863.09	3857877.25	0.66678	0.96377	0.89572	0.80061		6.04E-02	0.00408	1.7E-05	0.00185	0.06637		7.63E-02	0.005146	1.42E-05	0.001083	8.25E-02		0.075179	0.004426	1.16E-05	0.00115	0.080767
4390	476363.09	3857877.25	0.97858	1.84018	1.27551	1.13924		8.87E-02	0.00778	2.4E-05	0.00264	0.09913		1.12E-01	0.009826	2.03E-05	0.00154	1.23E-01		0.110335	0.008451	1.66E-05	0.001636	0.120438
4391	476863.09	3857877.25	1.11284	2.09621	1.50841	1.25941		1.01E-01	0.00887	2.8E-05	0.00292	0.11266		1.27E-01	0.011193	2.4E-05	0.001703	1.40E-01		0.125472	0.009627	1.96E-05	0.001809	0.136927
4392	477363.09	3857877.25	1.13734	2.2596	1.50638	1.22237		1.03E-01	0.00956	2.8E-05	0.00283	0.11549		1.30E-01	0.012065	2.39E-05	0.001653	1.44E-01		0.128235	0.010377	1.96E-05	0.001755	0.140387
4393	477863.09	3857877.25	1.11979	2.22491	1.4491	1.23789		1.01E-01	0.00941	2.7E-05	0.00287	0.11378		1.28E-01	0.01188	2.3E-05	0.001674	1.42E-01		0.126256	0.010218	1.88E-05	0.001778	0.13827
4394	478363.09	3857877.25	0.88511	1.42445	1.15725	1.09262		8.02E-02	0.00603	2.2E-05	0.00253	0.08879		1.01E-01	0.007606	1.84E-05	0.001477	1.10E-01		0.099796	0.006542	1.5E-05	0.001569	0.107922
4395	478863.09	3857877.25	0.84116	1.2075	1.15322	1.03305		7.62E-02	0.00511	2.2E-05	0.00239	0.08375		9.62E-02	0.006447	1.83E-05	0.001397	1.04E-01		0.094841	0.005545	1.5E-05	0.001484	0.101884
4396	479363.09	3857877.25	1.87278	5.07233	2.70094	1.73424		1.70E-01	0.02146	5.1E-05	0.00402	0.19524		2.14E-01	0.027084	4.29E-05	0.002345	2.44E-01		0.211155	0.023294	3.51E-05	0.00249	0.236975
4397	479863.09	3857877.25	3.44606	10.34196	4.75294	2.68772		3.12E-01	0.04375	8.9E-05	0.00623	0.36236		3.94E-01	0.055221	7.55E-05	0.003634	4.53E-01		0.388542	0.047494	6.17E-05	0.00386	0.439958
4398	480363.09	3857877.25	3.74288	10.67568	5.08736	3.58231		3.39E-01	0.04516	9.5E-05	0.0083	0.39274		4.28E-01	0.057003	8.09E-05	0.004844	4.90E-01		0.422008	0.049027	6.6E-05	0.005144	0.476246
4399	480863.09	3857877.25	3.93256	11.8821	5.3654	3.76192		3.56E-01	0.05027	0.0001	0.00871	0.41546		4.50E-01	0.063445	8.53E-05	0.005087	5.18E-01		0.443395	0.054567	6.96E-05	0.005402	0.503434
4400	481363.09	3857877.25	4.13983	14.11954	5.65623	3.94319		3.75E-01	0.05973	0.00011	0.00913	0.44413		4.74E-01	0.075392	8.99E-05	0.005332	5.54E-01		0.466764	0.064842	7.34E-05	0.005663	0.537343
4401	481863.09	3857877.25	4.26507	13.97601	5.80868	4.57812		3.87E-01	0.05913	0.00011	0.0106	0.45635		4.88E-01	0.074625	9.23E-05	0.00619	5.69E-01		0.480885	0.064183	7.54E-05	0.006574	0.551718
4402	482363.09	3857877.25	4.10186	13.94696	5.55753	6.06504		3.72E-01	0.059	0.0001	0.01405	0.44487		4.69E-01	0.07447	8.83E-05	0.008201	5.52E-01		0.462483	0.06405	7.21E-05	0.00871	0.535315
4403	482863.09	3857877.25	3.89346	14.2064	5.26799	7.1043		3.53E-01	0.0601	9.9E-05	0.01645	0.42949		4.45E-01	0.075855	8.37E-05	0.009606	5.31E-01		0.438986	0.065241	6.84E-05	0.010202	0.514498
4404	483363.09	3857877.25	4.04412	15.97374	5.46904	7.57422		3.66E-01	0.06758	0.0001	0.01754	0.45171		4.63E-01	0.085292	8.69E-05	0.010241	5.58E-01		0.455973	0.073357	7.1E-05	0.010877	0.540278
4405	483863.09	3857877.25	4.28882	17.38542	5.83952	8.11266		3.89E-01	0.07355	0.00011	0.01879	0.48111		4.91E-01	0.09283	9.28E-05	0.010969	5.94E-01		0.483563	0.07984	7.58E-05	0.01165	0.575129
4406	484363.09	3857877.25	4.52548	19.49663	6.30829	8.73769		4.10E-01	0.08248	0.00012	0.02024	0.51295		5.18E-01	0.104103	0.0001	0.011814	6.34E-01		0.510246	0.089536	8.19E-05	0.012548	0.612412
4407	484863.09	3857877.25	4.78828	24.05287	6.68923	9.58981		4.34E-01	0.10176	0.00013	0.02221	0.55802		5.48E-01	0.128431	0.000106	0.012966	6.89E-01		0.539877	0.11046	8.68E-05	0.013771	0.664195
4408	485363.09	3857877.25	5.47572	28.64372	7.37336	10.97477		4.96E-01	0.12118	0.00014	0.02542	0.64296		6.26E-01	0.152944	0.000117	0.014839	7.94E-01		0.617386	0.131543	9.57E-05	0.01576	0.764784
4409	485863.09	3857877.25	6.68755	34.63369	8.95772	12.91085		6.06E-01	0.14652	0.00017	0.0299	0.78263		7.65E-01	0.184927	0.000142	0.017457	9.67E-01		0.754019	0.159051	0.000116	0.018541	0.931727
4410	486363.09	3857877.25	9.09434	38.16786	12.0305	16.71618		8.24E-01	0.16147	0.00023	0.03872	1.02456		1.04E+00	0.203798	0.000191	0.022602	1.27E+00		1.025384	0.175281	0.000156	0.024005	1.224826
4411	486863.09	3857877.25	10.76534	49.26162	14.51649	20.97032		9.76E-01	0.2084	0.00027	0.04857	1.23282		1.23E+00	0.263033	0.000231	0.028354	1.52E+00		1.213788	0.226228	0.000188	0.030114	1.470319
4412	487363.09	3857877.25	18.20894	63.48669	18.59743	34.44283		1.65E+00	0.26858	0.00035	0.07978	1.99884		2.08E+00	0.338989	0.000296	0.04657	2.47E+00		2.053052	0.291554	0.000241	0.049462	2.394309
4413	487863.09	3857877.25	19.47278	46.51456	20.62791	60.38559		1.76E+00	0.19678	0.00039	0.13986	2.1017		2.23E+00	0.248365	0.000328	0.081648	2.56E+00		2.195549	0.213612	0.000268	0.086717	2.496146
4414	488363.09	3857877.25	13.3117	36.8605	20.20443	27.39338		1.21E+00	0.15594	0.00038	0.06345	1.4261		1.52E+00	0.196817	0.000321	0.037039	1.76E+00		1.50089	0.169277	0.000262	0.039338	1.709767
4415	488863.09	3857877.25	12.32331	33.38582	17.38134	21.35165		1.12E+00	0.14124	0.00033	0.04945	1.30778		1.41E+00	0.178264	0.000276	0.02887	1.62E+00		1.389449	0.15332	0.000226	0.030662	1.573657
4416	489363.09	3857877.25	11.11791	30.71325	15.09843	17.73328		1.01E+00	0.12993	0.00028	0.04107	1.17882		1.27E+00	0.163994	0.00024	0.023977	1.46E+00		1.253541	0.141047	0.000196	0.025466	1.420249
4417	489863.09	3857877.25	9.41177	24.84011	12.87984	14.51611		8.53E-01	0.10509	0.00024	0.03362	0.99186		1.08E+00	0.132634	0.000205	0.019627	1.23E+00		1.061174	0.114075	0.000167	0.020846	1.196262
4418	490363.09	3857877.25	8.02652	21.23654	10.92917	11.85901		7.27E-01	0.08984	0.0002	0.02747	0.84489		9.18E-01	0.113393	0.000174	0.016035	1.05E+00		0.904987	0.097526	0.000142	0.01703	1.019685
4419	490863.09	3857877.25	7.0056	18.33705	9.56049	10.1876		6.35E-01	0.07758	0.00018	0.0236	0.73621		8.01E-01	0.097911	0.000152	0.013775	9.13E-01		0.789879	0.084211	0.000124	0.01463	0.888844
4420	491363.09	3857877.25	6.66692	17.84643	9.08465	7.85777		6.04E-01	0.0755	0.00017	0.0182	0.69804		7.63E-01	0.095291	0.000144	0.010625	8.69E-01		0.751693	0.081957	0.000118	0.011284	0.845052
4421	491863.09	3857877.25	6.63383	16.93853	9.05503	5.12018		6.01E-01	0.07166	0.00017	0.01186	0.68486		7.59E-01	0.090444	0.000144	0.006923	8.56E-01		0.747962	0.077788	0.000118	0.007353	0.83322
4422	492363.09	3857877.25	4.27353	7.26966	5.37121	2.71143		3.87E-01	0.03075	0.0001	0.00628	0.42441		4.89E-01	0.038817	8.54E-05	0.003666	5.31E-01		0.481839	0.033385	6.97E-05	0.003894	0.519188
4423	492863.09	3857877.25	2.03732	2.80909	2.83692	1.91402		1.85E-01	0.01188	5.3E-05	0.00443	0.201		2.33E-01	0.014999	4.51E-05	0.002588	2.51E-01		0.229707	0.0129	3.68E-05	0.002749	0.245393
4424	493363.09	3857877.25	1.56955	2.41269	2.11979	1.8477		1.42E-01	0.01021	4E-05	0.00428	0.15676		1.80E-01	0.012883	3.37E-05	0.002498	1.95E-01		0.176966	0.01108	2.75E-05	0.002653	0.190727
4425	493863.09	3857877.25	1.3762	2.20577	1.86748	1.73134		1.25E-01	0.00933	3.5E-05	0.00401	0.13809		1.57E-01	0.011778	2.97E-05	0.002341	1.72E-01		0.155166	0.01013	2.42E-05	0.002486	0.167806
4426	494363.09	3857877.25	1.29962	1.74712	1.8139	1.54415		1.18E-01	0.00739	3.4E-05	0.00358	0.12878		1.49E-01	0.009329	2.88E-05	0.002088	1.60E-01		0.146532	0.008023	2.35E-05	0.002217	0.156796
4427	494863.09	3857877.25	1.11423	1.45254	1.51197	1.53139		1.01E-01	0.00614	2.8E-05	0.00355	0.11069		1.27E-01	0.007756	2.4E-05	0.002071	1.37E-01		0.125629	0.006671	1.96E-05	0.002199	0.134518
4428	495363.09	3857877.25	1.06353	1.21116	1.46586	1.47246		9.64E-02	0.00512	2.7E-05	0.00341	0.10494		1.22E-01	0.006467	2.33E-05	0.001991	1.30E-01		0.119913	0.005562	1.9E-05	0.002115	0.127608
4429	495863.09	3857877.25	1.04208	1.19114	1.42024	1.43931		9.44E-02	0.00504	2.7E-05	0.00333	0.10283		1.19E-01	0.00636	2.26E-05	0.001946	1.28E-01		0.117494	0.00547	1.84E-05	0.002067	0.12505
4430	496363.09	3857877.25	1.10074	1.24829	1.50716	1.45659		9.98E-02	0.00528	2.8E-05	0.00337	0.10843		1.26E-01	0.006665	2.4E-05	0.001969	1.35E-01		0.124108	0.005733	1.96E-05	0.002092	0.131952
4431	496863.09	3857877.25	1.12445	1.27562	1.51512	1.41116		1.02E-01	0.0054	2.8E-05	0.00327	0.11059		1.29E-01	0.006811	2.41E-05	0.001908	1.37E-01		0.126781	0.005858	1.97E-05	0.002026	0.134686
4432	497363.09	3857877.25	1.15813	1.30084	1.52017	1.3565		1.05E-01	0.0055	2.8E-05	0.00314	0.11363		1.32E-01	0.006946	2.42E-05	0.001834	1.41E-01		0.130579	0.005974	1.97E-05	0.001948	0.13852
4433	497863.09	3857877.25	1.22966	1.97037	1.57521	1.49718		1.11E-01	0.00834	2.9E-05	0.00347	0.12327		1.41E-01	0.010521	2.5E-05	0.002024	1.53E-01		0.138644	0.009049	2.04E-05	0.00215	0.149863
4434	498363.09	3857877.25	1.56681	2.47479	1.93365	1.66712		1.42E-01	0.01047	3.6E-05	0.00386	0.15635		1.79E-01	0.013214	3.07E-05	0.002254	1.95E-01		0.176657	0.011365	2.51E-05	0.002394	0.190442
4435	471363.09	3858377.25	2.03347	4.63121	2.77293	2.0442		1.84E-01	0.01959	5.2E-05	0.00473	0.20866		2.33E-01	0.024728	4.41E-05	0.002764	2.60E-01		0.229273	0.021268	3.6E-05	0.002936	0.253513
4436	471863.09	3858377.25	2.07447	4.85805	2.81976	2.02652		1.88E-01	0.02055	5.3E-05	0.00469	0.21329		2.37E-01	0.02594	4.48E-05	0.00274	2.66E-01		0.233896	0.02231	3.66E-05	0.00291	0.259153
4437	472363.09	3858377.25	2.13859	4.91968	2.85567	2.00077		1.94E-01	0.02081	5.3E-05	0.00463	0.2193		2.45E-01	0.026269	4.54E-05	0.002705	2.74E-01		0.241125	0.022593	3.71E-05	0.002873	0.266629
4438	472863.09	3858377.25	2.22304	5.16562	2.92444	2.10496		2.01E-01	0.02185	5.5E-05	0.00488	0.22824		2.54E-01	0.027582	4.65E-05	0.002846	2.85E-01		0.250647	0.023722	3.8E-05	0.003023	0.27743
4439	473363.09	3858377.25	2.35253	5.31978	3.06562	2.45975		2.13E-01	0.02251	5.7E-05	0.0057	0.24145		2.69E-01	0.028405	4.87E-05	0.003326	3.01E-01		0.265247	0.02443	3.98E-05	0.003532	0.293249
4440	473863.09	3858377.25	2.36644	5.67785	3.16791	2.26079		2.14E-01	0.02402	5.9E-05	0.00524	0.24377		2.71E-01	0.030317	5.03E-05	0.003057	3.04E-01		0.266815	0.026075	4.11E-05	0.003247	0.296178
4441	474363.09	3858377.25	2.15453	5.32588	2.93384	1.74507		1.95E-01	0.02253	5.5E-05	0.00404	0.22188		2.46E-01	0.028438	4.66E-05	0.00236	2.77E-01		0.242923	0.024458	3.81E-05	0.002506	0.269925
4442	474863.09	3858377.25	1.67554	3.74746	2.34927	1.51604		1.52E-01	0.01585	4.4E-05	0.00351	0.17125		1.92E-01	0.02001	3.73E-05	0.00205	2.14E-01		0.188917	0.01721	3.05E-05	0.002177	0.208334
4443	475363.09	3858377.25	1.05635	1.97114	1.44503	1.24266		9.57E-02	0.00834	2.7E-05	0.00288	0.10697		1.21E-01	0.010525	2.3E-05	0.00168	1.33E-01		0.119103	0.009052	1.88E-05	0.001785	0.129959
4444	475863.09	3858377.25	0.90093	1.48821	1.24342	1.07799		8.16E-02	0.0063	2.3E-05	0.0025	0.09046		1.03E-01	0.007946	1.98E-05	0.001458	1.12E-01		0.10158	0.006834	1.61E-05	0.001548	0.109978
4445	476363.09	3858377.25	0.9485	1.59969	1.25752	1.08853		8.60E-02	0.00677	2.4E-05	0.00252	0.09527		1.08E-01	0.008542	2E-05	0.001472	1.19E-01		0.106943	0.007346	1.63E-05	0.001563	0.115869
4446	476863.09	3858377.25	0.9805	1.56862	1.30535	1.12264		8.89E-02	0.00664	2.4E-05	0.0026	0.09812		1.12E-01	0.008376	2.07E-05	0.001518	1.22E-01		0.110551	0.007204	1.69E-05	0.001612	0.119384
4447	477363.09	3858377.25	0.95327	1.75166	1.27811	1.13816		8.64E-02	0.00741	2.4E-05	0.00264	0.09646		1.09E-01	0.009353	2.03E-05	0.001539	1.20E-01		0.107481	0.008044	1.66E-05	0.001634	0.117176
4448	477863.09	3858377.25	1.18703	2.13108	1.63822	1.26503		1.08E-01	0.00902	3.1E-05	0.00293	0.11955		1.36E-01	0.011379	2.6E-05	0.00171	1.49E-01		0.133837	0.009787	2.13E-05	0.001817	0.145462
4449	478363.09	3858377.25	1.2043	2.38025	1.69257	1.3243		1.09E-01	0.01007	3.2E-05	0.00307	0.1223		1.38E-01	0.012709	2.69E-05	0.001791	1.52E-01		0.135784	0.010931	2.2E-05	0.001902	0.148639

4450	478863.09	3858377.25	0.97413	1.94329	1.35831	1.30758	8.83E-02	0.00822	2.5E-05	0.00303	0.09955	1.11E-01	0.010376	2.16E-05	0.001768	1.24E-01	0.109833	0.008924	1.76E-05	0.001878	0.120653
4451	479363.09	3858377.25	2.13801	6.02136	3.04424	1.74466	1.94E-01	0.02547	5.7E-05	0.00404	0.22332	2.45E-01	0.032151	4.84E-05	0.002359	2.79E-01	0.24106	0.027652	3.95E-05	0.002505	0.271257
4452	479863.09	3858377.25	3.21499	10.19473	4.41261	3.10896	2.91E-01	0.04313	8.3E-05	0.0072	0.34176	3.68E-01	0.054435	7.01E-05	0.004204	4.26E-01	0.362489	0.046818	5.73E-05	0.004465	0.413829
4453	480363.09	3858377.25	3.52516	10.09858	4.77685	3.83407	3.19E-01	0.04272	8.9E-05	0.00888	0.37115	4.03E-01	0.053922	7.59E-05	0.005184	4.62E-01	0.397461	0.046376	6.2E-05	0.005506	0.449405
4454	480863.09	3858377.25	3.62557	12.23157	4.93245	3.90333	3.29E-01	0.05175	9.2E-05	0.00904	0.38944	4.15E-01	0.065311	7.84E-05	0.005278	4.85E-01	0.408782	0.056172	6.4E-05	0.005605	0.470623
4455	481363.09	3858377.25	3.67676	11.391	4.97971	4.22305	3.33E-01	0.04819	9.3E-05	0.00978	0.39126	4.21E-01	0.060822	7.91E-05	0.00571	4.87E-01	0.414553	0.052312	6.46E-05	0.006065	0.472994
4456	481863.09	3858377.25	3.76496	12.81057	5.10733	4.2827	3.41E-01	0.0542	9.6E-05	0.00992	0.4054	4.31E-01	0.068402	8.12E-05	0.005791	5.05E-01	0.424498	0.058831	6.63E-05	0.00615	0.489545
4457	482363.09	3858377.25	3.76126	12.30692	5.11835	4.74604	3.41E-01	0.05206	9.6E-05	0.01099	0.40401	4.30E-01	0.065713	8.13E-05	0.006417	5.02E-01	0.424081	0.056518	6.64E-05	0.006816	0.487481
4458	482863.09	3858377.25	3.85235	14.12858	5.31033	6.03419	3.49E-01	0.05977	9.9E-05	0.01398	0.42295	4.41E-01	0.07544	8.44E-05	0.008159	5.24E-01	0.434351	0.064884	6.89E-05	0.008665	0.507969
4459	483363.09	3858377.25	3.59814	14.923	4.96689	6.84427	3.26E-01	0.06313	9.3E-05	0.01585	0.40515	4.12E-01	0.079682	7.89E-05	0.009254	5.01E-01	0.405689	0.068532	6.45E-05	0.009829	0.484114
4460	483863.09	3858377.25	3.56595	16.19272	4.97951	7.18719	3.23E-01	0.0685	9.3E-05	0.01665	0.4084	4.08E-01	0.086461	7.91E-05	0.009718	5.04E-01	0.40206	0.074363	6.46E-05	0.010321	0.486808
4461	484363.09	3858377.25	3.7705	18.83024	5.14205	7.62429	3.42E-01	0.07966	9.6E-05	0.01766	0.43911	4.31E-01	0.100544	8.17E-05	0.010309	5.42E-01	0.425123	0.086475	6.67E-05	0.010949	0.522614
4462	484863.09	3858377.25	4.08783	21.82908	5.50606	8.12531	3.70E-01	0.09235	0.0001	0.01882	0.48172	4.68E-01	0.116557	8.75E-05	0.010986	5.95E-01	0.460901	0.100247	7.15E-05	0.011668	0.572889
4463	485363.09	3858377.25	4.64074	23.37947	6.20627	8.95906	4.21E-01	0.09891	0.00012	0.02075	0.54033	5.31E-01	0.124835	9.86E-05	0.012114	6.68E-01	0.523242	0.107367	8.06E-05	0.012866	0.643555
4464	485863.09	3858377.25	5.45468	26.50874	7.31696	10.24699	4.94E-01	0.11215	0.00014	0.02373	0.63033	6.24E-01	0.141544	0.000116	0.013855	7.79E-01	0.615013	0.121738	9.5E-05	0.014715	0.751561
4465	486363.09	3858377.25	6.73294	32.2966	8.99725	12.30185	6.10E-01	0.13663	0.00017	0.02849	0.77545	7.70E-01	0.172448	0.000143	0.016633	9.59E-01	0.759137	0.148318	0.000117	0.017666	0.925238
4466	486863.09	3858377.25	8.98325	36.75823	12.06231	16.20073	8.14E-01	0.15551	0.00023	0.03752	1.00734	1.03E+00	0.196271	0.000192	0.021905	1.25E+00	1.012858	0.168807	0.000157	0.023265	1.205087
4467	487363.09	3858377.25	10.42852	44.75549	14.15236	19.39462	9.45E-01	0.18934	0.00026	0.04492	1.17958	1.19E+00	0.238973	0.000225	0.026224	1.46E+00	1.175812	0.205534	0.000184	0.027852	1.409381
4468	487863.09	3858377.25	14.51815	36.06251	14.99313	29.80126	1.32E+00	0.15256	0.00028	0.06903	1.53753	1.66E+00	0.192557	0.000238	0.040295	1.89E+00	1.636916	0.165612	0.000195	0.042796	1.84552
4469	488363.09	3858377.25	13.67986	26.27944	14.9472	43.07169	1.24E+00	0.11118	0.00028	0.09976	1.45092	1.56E+00	0.14032	0.000238	0.058238	1.76E+00	1.5424	0.120685	0.000194	0.061853	1.725132
4470	488863.09	3858377.25	11.63129	22.98561	18.73043	27.35367	1.05E+00	0.09724	0.00035	0.06336	1.215	1.33E+00	0.122732	0.000298	0.036985	1.49E+00	1.311424	0.105558	0.000243	0.039281	1.456507
4471	489363.09	3858377.25	10.52241	24.3569	16.30801	21.35144	9.54E-01	0.10304	0.00031	0.04945	1.10636	1.20E+00	0.130054	0.000259	0.028869	1.36E+00	1.186398	0.111856	0.000212	0.030662	1.329128
4472	489863.09	3858377.25	8.98692	18.74445	12.63135	15.01536	8.14E-01	0.0793	0.00024	0.03478	0.92873	1.03E+00	0.100086	0.000201	0.020302	1.15E+00	1.013272	0.086081	0.000164	0.021563	1.12108
4473	490363.09	3858377.25	8.16578	16.99932	11.30211	12.83479	7.40E-01	0.07192	0.00021	0.02973	0.84186	9.34E-01	0.090768	0.00018	0.017354	1.04E+00	0.920689	0.078067	0.000147	0.018431	1.017334
4474	490863.09	3858377.25	7.47126	16.19996	10.24355	11.29735	6.77E-01	0.06853	0.00019	0.02617	0.77195	8.55E-01	0.0865	0.000163	0.015275	9.56E-01	0.842382	0.074396	0.000133	0.016224	0.933135
4475	491363.09	3858377.25	7.54678	16.12001	10.38538	9.21122	6.84E-01	0.0682	0.00019	0.02133	0.77363	8.63E-01	0.086073	0.000165	0.012455	9.62E-01	0.850897	0.074029	0.000135	0.013228	0.938289
4476	491863.09	3858377.25	7.10716	15.08071	9.48938	4.08086	6.44E-01	0.0638	0.00018	0.00945	0.71749	8.13E-01	0.080524	0.000151	0.005518	8.99E-01	0.80133	0.069256	0.000123	0.00586	0.87657
4477	492363.09	3858377.25	3.01382	5.25342	3.5386	2.25827	2.73E-01	0.02222	6.6E-05	0.00523	0.30064	3.45E-01	0.028051	5.62E-05	0.003053	3.76E-01	0.339807	0.024126	4.59E-05	0.003243	0.367222
4478	492863.09	3858377.25	3.66083	5.94219	4.6961	2.62532	3.32E-01	0.02514	8.8E-05	0.00608	0.36306	4.19E-01	0.031728	7.46E-05	0.00355	4.54E-01	0.412757	0.027289	6.1E-05	0.00377	0.443877
4479	493363.09	3858377.25	2.6052	4.33425	3.15474	2.08817	2.36E-01	0.01834	5.9E-05	0.00484	0.25932	2.98E-01	0.023143	5.01E-05	0.002823	3.24E-01	0.293735	0.019904	4.09E-05	0.002999	0.31668
4480	493863.09	3858377.25	2.19536	3.52417	2.7589	1.84109	1.99E-01	0.01491	5.2E-05	0.00426	0.21817	2.51E-01	0.018817	4.38E-05	0.002489	2.72E-01	0.247526	0.016184	3.58E-05	0.002644	0.26639
4481	494363.09	3858377.25	1.85347	2.67827	2.57174	1.82332	1.68E-01	0.01133	4.8E-05	0.00422	0.18357	2.12E-01	0.014301	4.09E-05	0.002465	2.29E-01	0.208978	0.0123	3.34E-05	0.002618	0.223929
4482	494863.09	3858377.25	1.59003	1.95396	2.19428	1.79937	1.44E-01	0.00827	4.1E-05	0.00417	0.15657	1.82E-01	0.010433	3.49E-05	0.002433	1.95E-01	0.179275	0.008973	2.85E-05	0.002584	0.190861
4483	495363.09	3858377.25	1.34077	1.8154	1.79199	1.61651	1.22E-01	0.00768	3.4E-05	0.00374	0.13296	1.53E-01	0.009693	2.85E-05	0.002186	1.65E-01	0.151171	0.008337	2.33E-05	0.002321	0.161853
4484	495863.09	3858377.25	1.32051	1.81601	1.80222	1.63372	1.20E-01	0.00768	3.4E-05	0.00378	0.13117	1.51E-01	0.009697	2.86E-05	0.002209	1.63E-01	0.148887	0.00834	2.34E-05	0.002346	0.159596
4485	496363.09	3858377.25	1.30095	1.74568	1.79267	1.64713	1.18E-01	0.00739	3.4E-05	0.00382	0.12913	1.49E-01	0.009321	2.85E-05	0.002227	1.60E-01	0.146682	0.008017	2.33E-05	0.002365	0.157087
4486	496863.09	3858377.25	1.46075	1.79012	1.99179	1.65597	1.32E-01	0.00757	3.7E-05	0.00384	0.14382	1.67E-01	0.009558	3.17E-05	0.002239	1.79E-01	0.164699	0.008221	2.59E-05	0.002378	0.175324
4487	497363.09	3858377.25	1.5476	1.78933	2.06735	1.80361	1.40E-01	0.00757	3.9E-05	0.00418	0.15203	1.77E-01	0.009554	3.29E-05	0.002439	1.89E-01	0.174491	0.008217	2.68E-05	0.00259	0.185326
4488	497863.09	3858377.25	1.974	2.43807	2.53314	1.78247	1.79E-01	0.01031	4.7E-05	0.00413	0.19338	2.26E-01	0.013018	4.03E-05	0.00241	2.41E-01	0.222568	0.011197	3.29E-05	0.00256	0.236357
4489	498363.09	3858377.25	2.48428	3.84515	3.15395	1.76454	2.25E-01	0.01627	5.9E-05	0.00409	0.24554	2.84E-01	0.020531	5.01E-05	0.002386	3.07E-01	0.280102	0.017658	4.09E-05	0.002534	0.300335
4490	471363.09	3858877.25	2.08481	4.71872	2.63281	2.1541	1.89E-01	0.01996	4.9E-05	0.00499	0.21393	2.38E-01	0.025196	4.18E-05	0.002913	2.67E-01	0.235062	0.02167	3.42E-05	0.003093	0.259859
4491	471863.09	3858877.25	2.12174	4.78728	2.78709	2.09923	1.92E-01	0.02025	5.2E-05	0.00486	0.21744	2.43E-01	0.025562	4.43E-05	0.002838	2.71E-01	0.239225	0.021985	3.62E-05	0.003015	0.264261
4492	472363.09	3858877.25	2.19436	4.94611	2.93961	2.31195	1.99E-01	0.02092	5.5E-05	0.00535	0.22519	2.51E-01	0.02641	4.67E-05	0.003126	2.81E-01	0.247413	0.022714	3.82E-05	0.00332	0.273486
4493	472863.09	3858877.25	2.24229	5.12967	3.03892	2.49234	2.03E-01	0.0217	5.7E-05	0.00577	0.23073	2.56E-01	0.02739	4.83E-05	0.00337	2.87E-01	0.252817	0.023557	3.94E-05	0.003579	0.279993
4494	473363.09	3858877.25	2.29593	5.19728	3.11652	2.75911	2.08E-01	0.02199	5.8E-05	0.00639	0.2365	2.63E-01	0.027751	4.95E-05	0.003731	2.94E-01	0.258865	0.023868	4.05E-05	0.003962	0.286736
4495	473863.09	3858877.25	2.34387	5.66131	3.17393	2.68484	2.12E-01	0.02395	5.9E-05	0.00622	0.24263	2.68E-01	0.030229	5.04E-05	0.00363	3.02E-01	0.264271	0.025999	4.12E-05	0.003856	0.294166
4496	474363.09	3858877.25	2.25952	5.66653	3.0891	1.99018	2.05E-01	0.02397	5.8E-05	0.00461	0.2334	2.58E-01	0.030257	4.91E-05	0.002691	2.91E-01	0.25476	0.026023	4.01E-05	0.002858	0.283681
4497	474863.09	3858877.25	1.09877	2.0714	1.49704	1.20957	9.96E-02	0.00876	2.8E-05	0.0028	0.11117	1.26E-01	0.01106	2.38E-05	0.001635	1.38E-01	0.123886	0.009513	1.94E-05	0.001737	0.135155
4498	475363.09	3858877.25	0.91525	1.53629	1.20878	1.09092	8.29E-02	0.0065	2.3E-05	0.00253	0.09199	1.05E-01	0.008203	1.92E-05	0.001475	1.14E-01	0.103194	0.007055	1.57E-05	0.001567	0.111832
4499	475863.09	3858877.25	1.01478	1.75915	1.33308	1.22644	9.20E-02	0.00744	2.5E-05	0.00284	0.10227	1.16E-01	0.009393	2.12E-05	0.001658	1.27E-01	0.114416	0.008079	1.73E-05	0.001761	0.124273
4500	476363.09	3858877.25	0.83322	1.19607	1.08429	1.10991	7.55E-02	0.00506	2E-05	0.00257	0.08316	9.53E-02	0.006386	1.72E-05	0.001501	1.03E-01	0.093945	0.005493	1.41E-05	0.001594	0.101046
4501	476863.09	3858877.25	0.88522	1.23039	1.2166	1.18131	8.02E-02	0.00521	2.3E-05	0.00274	0.08818	1.01E-01	0.00657	1.93E-05	0.001597	1.09E-01	0.099808	0.00565	1.58E-05	0.001696	0.107171
4502	477363.09	3858877.25	0.91807	1.21707	1.23446	1.25298	8.32E-02	0.00515	2.3E-05	0.0029	0.09127	1.05E-01	0.006499	1.96E-05	0.001694	1.13E-01	0.103512	0.005589	1.6E-05	0.001799	0.110917
4503	477863.09	3858877.25	0.99512	1.98644	1.36925	1.2882	9.02E-02	0.0084	2.6E-05	0.00298	0.10159	1.14E-01	0.010607	2.18E-05	0.001742	1.26E-01	0.112199	0.009122	1.78E-05	0.00185	0.12319
4504	478363.09	3858877.25	1.53138	3.7919	2.20785	1.7115	1.39E-01	0.01604	4.1E-05	0.00396	0.15882	1.75E-01	0.020247	3.51E-05	0.002314	1.98E-01	0.172663	0.017414	2.87E-05	0.002458	0.192563
4505	478863.09	3858877.25	1.3321	3.44847	1.69743	1.40849	1.21E-01	0.01459	3.2E-05	0.00326	0.1386	1.52E-01	0.018413	2.7E-05	0.001904	1.73E-01	0.150194	0.015837	2.2E-05	0.002023	0.168075
4506	479363.09	3858877.25	1.20904	2.34136	1.73136	1.30441	1.10E-01	0.00991	3.2E-05	0.00302	0.12252	1.38E-01	0.012502	2.75E-05	0.001764	1.53E-01	0.136319	0.010752	2.25E-05	0.001873	0.148967
4507	479863.09	3858877.25	3.1375	8.75787	4.27971	3.29153	2.84E-01	0.03705	8E-05	0.00762	0.32908	3.59E-01	0.046763	6.8E-05	0.004451	4.10E-01	0.353752	0.040219	5.56E-05	0.004727	0.398754
4508	480363.09	3858877.25	3.17251	9.03796	4.2855	3.76658	2.87E-01	0.03824	8E-05	0.00872	0.33454	3.63E-01	0.048258	6.81E-05	0.005093	4.16E-01	0.357699	0.041506	5.56E-05	0.005409	0.40467
4509	480863.09	3858877.25	3.12089	8.93587	4.18546	4.10694	2.83E-01	0.0378	7.8E-05	0.00951	0.33022	3.57E-01	0.047713	6.65E-05	0.005553	4.10E-01	0.351879	0.041037	5.43E-05	0.005898	0.398868
4510	481363.09	3858877.25	3.11158	10.10919	4.23488	4.24522	2.82E-01	0.04277	7.9E-05	0.00983	0.33466	3.56E-01	0.053978	6.73E-05	0.00574	4.16E-01	0.35083	0.046425	5.5E-05	0.006096	0.403406

4511	481863.09	3858877.25	3.16107	10.80181	4.37996	4.58625	2.86E-01	0.0457	8.2E-05	0.01062	0.34286	3.62E-01	0.057676	6.96E-05	0.006201	4.26E-01	0.35641	0.049606	5.69E-05	0.006586	0.412658
4512	482363.09	3858877.25	3.30452	12.4415	4.5646	4.61309	2.99E-01	0.05263	8.5E-05	0.01068	0.36287	3.78E-01	0.066432	7.25E-05	0.006237	4.51E-01	0.372583	0.057136	5.93E-05	0.006625	0.436403
4513	482863.09	3858877.25	3.35958	13.94877	4.6262	5.06893	3.04E-01	0.05901	8.7E-05	0.01174	0.37529	3.84E-01	0.07448	7.35E-05	0.006854	4.66E-01	0.378791	0.064058	6E-05	0.007279	0.450189
4514	483363.09	3858877.25	3.02506	14.17805	4.07173	6.00631	2.74E-01	0.05998	7.6E-05	0.01391	0.34811	3.46E-01	0.075704	6.47E-05	0.008121	4.30E-01	0.341074	0.065111	5.29E-05	0.008625	0.414864
4515	483863.09	3858877.25	3.14455	15.31399	4.13968	6.25068	2.85E-01	0.06479	7.7E-05	0.01448	0.36431	3.60E-01	0.081769	6.58E-05	0.008452	4.50E-01	0.354547	0.070328	5.37E-05	0.008976	0.433905
4516	484363.09	3858877.25	3.46527	16.50826	4.67461	6.57681	3.14E-01	0.06984	8.8E-05	0.01523	0.39919	3.96E-01	0.088146	7.43E-05	0.008893	4.93E-01	0.390708	0.075812	6.07E-05	0.009445	0.476025
4517	484863.09	3858877.25	3.72996	16.8774	5.02653	7.00717	3.38E-01	0.0714	9.4E-05	0.01623	0.42574	4.27E-01	0.090117	7.99E-05	0.009474	5.26E-01	0.420552	0.077507	6.52E-05	0.010063	0.508187
4518	485363.09	3858877.25	4.11149	19.03745	5.53517	7.75878	3.73E-01	0.08054	0.0001	0.01797	0.4712	4.70E-01	0.101651	8.8E-05	0.010491	5.82E-01	0.463569	0.087427	7.18E-05	0.011142	0.56221
4519	485863.09	3858877.25	4.71759	22.44444	6.32244	8.84985	4.28E-01	0.09495	0.00012	0.0205	0.54309	5.40E-01	0.119843	0.0001	0.011966	6.71E-01	0.531907	0.103073	8.21E-05	0.012709	0.647771
4520	486363.09	3858877.25	5.43088	24.62424	7.29829	10.14536	4.92E-01	0.10417	0.00014	0.0235	0.61997	6.21E-01	0.131482	0.000116	0.013718	7.66E-01	0.61233	0.113084	9.47E-05	0.014569	0.740078
4521	486863.09	3858877.25	6.65602	28.66822	8.91709	12.46612	6.03E-01	0.12128	0.00017	0.02887	0.7535	7.61E-01	0.153075	0.000142	0.016856	9.31E-01	0.750464	0.131655	0.000116	0.017902	0.900137
4522	487363.09	3858877.25	8.7991	32.70826	11.95774	16.3349	7.97E-01	0.13837	0.00022	0.03783	0.97382	1.01E+00	0.174646	0.00019	0.022087	1.20E+00	0.992096	0.150208	0.000155	0.023458	1.165917
4523	487863.09	3858877.25	10.51111	30.73491	13.82392	20.30882	9.53E-01	0.13002	0.00026	0.04704	1.12986	1.20E+00	0.16411	0.00022	0.02746	1.39E+00	1.185124	0.141146	0.000179	0.029165	1.355614
4524	488363.09	3858877.25	14.04958	24.91816	13.94063	30.59745	1.27E+00	0.10542	0.00026	0.07087	1.44975	1.61E+00	0.133051	0.000222	0.041371	1.78E+00	1.584085	0.114433	0.000181	0.04394	1.742639
4525	488863.09	3858877.25	29.21756	20.51344	13.9417	30.93084	2.65E+00	0.08678	0.00026	0.07164	2.80644	3.34E+00	0.109532	0.000222	0.041822	3.49E+00	3.29427	0.094205	0.000181	0.044418	3.433075
4526	489363.09	3858877.25	9.65767	17.46672	14.01171	22.16087	8.75E-01	0.07389	0.00026	0.05133	1.00068	1.10E+00	0.093264	0.000223	0.029964	1.23E+00	1.088899	0.080214	0.000182	0.031824	1.201119
4527	489863.09	3858877.25	9.8617	18.88146	14.48692	22.1042	8.94E-01	0.07988	0.00027	0.0512	1.02503	1.13E+00	0.100818	0.00023	0.029887	1.26E+00	1.111903	0.086711	0.000188	0.031743	1.230545
4528	490363.09	3858877.25	9.48749	18.81732	14.1545	18.66001	8.60E-01	0.07961	0.00026	0.04322	0.98287	1.09E+00	0.100475	0.000225	0.02523	1.21E+00	1.069711	0.086416	0.000184	0.026797	1.183108
4529	490863.09	3858877.25	9.20196	16.87784	13.09374	14.46019	8.34E-01	0.0714	0.00025	0.03349	0.93904	1.05E+00	0.09012	0.000208	0.019552	1.16E+00	1.037518	0.077509	0.00017	0.020766	1.135963
4530	491363.09	3858877.25	10.86382	17.58657	14.43313	7.97535	9.85E-01	0.0744	0.00027	0.01847	1.07764	1.24E+00	0.093904	0.000229	0.010784	1.35E+00	1.224892	0.080764	0.000187	0.011453	1.317296
4531	491863.09	3858877.25	6.92192	8.24993	8.23151	2.51464	6.27E-01	0.0349	0.00015	0.00582	0.66816	7.92E-01	0.044051	0.000131	0.0034	8.39E-01	0.780444	0.037887	0.000107	0.003611	0.822049
4532	492363.09	3858877.25	6.98972	11.78368	9.40178	3.53184	6.33E-01	0.04985	0.00018	0.00818	0.69163	7.99E-01	0.062919	0.000149	0.004775	8.67E-01	0.788089	0.054115	0.000122	0.005072	0.847398
4533	492863.09	3858877.25	6.80977	12.9613	9.21325	5.0581	6.17E-01	0.05483	0.00017	0.01172	0.68384	7.79E-01	0.069207	0.000146	0.006839	8.55E-01	0.767799	0.059523	0.00012	0.007264	0.834706
4534	493363.09	3858877.25	5.89795	11.24544	8.08994	3.83657	5.34E-01	0.04757	0.00015	0.00889	0.5911	6.75E-01	0.060045	0.000129	0.005187	7.40E-01	0.664992	0.051643	0.000105	0.00551	0.72225
4535	493863.09	3858877.25	4.28702	7.34777	5.68115	2.55713	3.88E-01	0.03108	0.00011	0.00592	0.42561	4.90E-01	0.039234	9.03E-05	0.003458	5.33E-01	0.48336	0.033744	7.37E-05	0.003672	0.52085
4536	494363.09	3858877.25	3.64751	5.85418	4.73685	2.52791	3.31E-01	0.02477	8.9E-05	0.00586	0.36125	4.17E-01	0.031259	7.53E-05	0.003418	4.52E-01	0.411256	0.026885	6.15E-05	0.00363	0.441832
4537	494863.09	3858877.25	2.93435	4.814	3.58105	2.05427	2.66E-01	0.02037	6.7E-05	0.00476	0.29111	3.36E-01	0.025704	5.69E-05	0.002778	3.64E-01	0.330847	0.022108	4.65E-05	0.00295	0.355951
4538	495363.09	3858877.25	2.24289	3.91065	2.71906	2.02399	2.03E-01	0.01654	5.1E-05	0.00469	0.22454	2.57E-01	0.020881	4.32E-05	0.002737	2.80E-01	0.252885	0.017959	3.53E-05	0.002907	0.273786
4539	495863.09	3858877.25	1.97218	3.39658	2.66696	1.73086	1.79E-01	0.01437	5E-05	0.00401	0.19715	2.26E-01	0.018136	4.24E-05	0.00234	2.46E-01	0.222363	0.015598	3.46E-05	0.002486	0.240481
4540	496363.09	3858877.25	2.07906	3.11587	2.81573	1.70074	1.88E-01	0.01318	5.3E-05	0.00394	0.20558	2.38E-01	0.016637	4.48E-05	0.0023	2.57E-01	0.234413	0.014309	3.65E-05	0.002442	0.251201
4541	496863.09	3858877.25	2.18243	3.12623	2.85123	1.71287	1.98E-01	0.01323	5.3E-05	0.00397	0.21502	2.50E-01	0.016693	4.53E-05	0.002316	2.69E-01	0.246068	0.014357	3.7E-05	0.00246	0.262922
4542	497363.09	3858877.25	2.19236	2.96856	2.89321	1.73107	1.99E-01	0.01256	5.4E-05	0.00401	0.2153	2.51E-01	0.015851	4.6E-05	0.002341	2.69E-01	0.247188	0.013633	3.76E-05	0.002486	0.263344
4543	497863.09	3858877.25	2.74427	4.37597	3.80194	2.556	2.49E-01	0.01851	7.1E-05	0.00592	0.2732	3.14E-01	0.023366	6.04E-05	0.003456	3.41E-01	0.309416	0.020096	4.94E-05	0.003671	0.333231
4544	498363.09	3858877.25	3.2247	5.4347	4.37688	2.97641	2.92E-01	0.02299	8.2E-05	0.00689	0.3222	3.69E-01	0.029019	6.96E-05	0.004024	4.02E-01	0.363584	0.024958	5.68E-05	0.004274	0.392873
4545	471363.09	3859377.25	2.05597	4.43403	2.7949	2.40882	1.86E-01	0.01876	5.2E-05	0.00558	0.21071	2.35E-01	0.023676	4.44E-05	0.003257	2.62E-01	0.23181	0.020363	3.63E-05	0.003459	0.255668
4546	471863.09	3859377.25	2.08893	4.62581	2.84381	2.48937	1.89E-01	0.01957	5.3E-05	0.00577	0.21469	2.39E-01	0.0247	4.52E-05	0.003366	2.67E-01	0.235526	0.021243	3.69E-05	0.003575	0.260381
4547	472363.09	3859377.25	2.12486	4.78244	2.87676	2.59895	1.93E-01	0.02023	5.4E-05	0.00602	0.21886	2.43E-01	0.025536	4.57E-05	0.003514	2.72E-01	0.239577	0.021963	3.73E-05	0.003732	0.26531
4548	472863.09	3859377.25	2.16045	4.73173	2.92969	2.64504	1.96E-01	0.02002	5.5E-05	0.00613	0.22198	2.47E-01	0.025265	4.66E-05	0.003576	2.76E-01	0.24359	0.02173	3.8E-05	0.003798	0.269156
4549	473363.09	3859377.25	2.19131	5.01212	2.97339	2.75067	1.99E-01	0.0212	5.6E-05	0.00637	0.22621	2.51E-01	0.026762	4.73E-05	0.003719	2.81E-01	0.247069	0.023018	3.86E-05	0.00395	0.274076
4550	473863.09	3859377.25	2.23046	5.22825	3.02948	2.71891	2.02E-01	0.02212	5.7E-05	0.0063	0.2306	2.55E-01	0.027916	4.81E-05	0.003676	2.87E-01	0.251484	0.02401	3.93E-05	0.003904	0.279437
4551	474363.09	3859377.25	2.18487	4.99217	3.01573	1.91418	1.98E-01	0.02112	5.6E-05	0.00443	0.22361	2.50E-01	0.026656	4.79E-05	0.002588	2.79E-01	0.246343	0.022926	3.91E-05	0.002749	0.272057
4552	474863.09	3859377.25	1.64913	3.8606	2.31791	1.46754	1.49E-01	0.01633	4.3E-05	0.0034	0.16922	1.89E-01	0.020614	3.68E-05	0.001984	2.11E-01	0.185939	0.017729	3.01E-05	0.002107	0.205806
4553	475363.09	3859377.25	1.11991	1.97538	1.54502	1.21452	1.01E-01	0.00836	2.9E-05	0.00281	0.11269	1.28E-01	0.010548	2.46E-05	0.001642	1.40E-01	0.126269	0.009072	2.01E-05	0.001744	0.137105
4554	475863.09	3859377.25	0.89168	1.5555	1.17684	1.19202	8.08E-02	0.00658	2.2E-05	0.00276	0.09017	1.02E-01	0.008306	1.87E-05	0.001612	1.12E-01	0.100537	0.007143	1.53E-05	0.001712	0.109407
4555	476363.09	3859377.25	0.85163	1.23742	1.17596	1.21439	7.72E-02	0.00523	2.2E-05	0.00281	0.08525	9.74E-02	0.006607	1.87E-05	0.001642	1.06E-01	0.096021	0.005683	1.53E-05	0.001744	0.103463
4556	476863.09	3859377.25	0.78839	1.20145	1.08108	1.23807	7.14E-02	0.00508	2E-05	0.00287	0.07942	9.02E-02	0.006415	1.72E-05	0.001674	9.83E-02	0.088891	0.005518	1.4E-05	0.001778	0.0962
4557	477363.09	3859377.25	0.79285	1.21186	1.11112	1.24702	7.18E-02	0.00513	2.1E-05	0.00289	0.07989	9.07E-02	0.006471	1.77E-05	0.001686	9.89E-02	0.089394	0.005565	1.44E-05	0.001791	0.096764
4558	477863.09	3859377.25	1.00857	1.87015	1.36687	1.2862	9.14E-02	0.00791	2.6E-05	0.00298	0.10232	1.15E-01	0.009986	2.17E-05	0.001739	1.27E-01	0.113716	0.008588	1.77E-05	0.001847	0.124169
4559	478363.09	3859377.25	1.29198	3.74996	1.66317	1.38782	1.17E-01	0.01586	3.1E-05	0.00321	0.13619	1.48E-01	0.020023	2.64E-05	0.001876	1.70E-01	0.14567	0.017221	2.16E-05	0.001993	0.164906
4560	478863.09	3859377.25	1.94489	6.10706	2.72272	1.63805	1.76E-01	0.02584	5.1E-05	0.00379	0.20593	2.22E-01	0.032609	4.33E-05	0.002215	2.57E-01	0.219286	0.028046	3.53E-05	0.002352	0.249719
4561	479363.09	3859377.25	2.57303	8.33936	3.59916	2.29927	2.33E-01	0.03528	6.7E-05	0.00533	0.27385	2.94E-01	0.044528	5.72E-05	0.003109	3.42E-01	0.290108	0.038297	4.67E-05	0.003302	0.331754
4562	479863.09	3859377.25	2.91566	9.6659	4.00213	2.86642	2.64E-01	0.04089	7.5E-05	0.00664	0.31183	3.33E-01	0.051611	6.36E-05	0.003876	3.89E-01	0.32874	0.044389	5.19E-05	0.004116	0.377297
4563	480363.09	3859377.25	2.75866	9.08755	3.71417	3.51701	2.50E-01	0.03844	7E-05	0.00815	0.29666	3.16E-01	0.048523	5.9E-05	0.004755	3.69E-01	0.311038	0.041733	4.82E-05	0.005051	0.35787
4564	480863.09	3859377.25	2.68266	8.85373	3.69796	3.94895	2.43E-01	0.03746	6.9E-05	0.00915	0.28978	3.07E-01	0.047275	5.88E-05	0.005339	3.60E-01	0.302469	0.04066	4.8E-05	0.005671	0.348848
4565	481363.09	3859377.25	2.74606	9.64684	3.82507	4.30352	2.49E-01	0.04081	7.2E-05	0.00997	0.2997	3.14E-01	0.05151	6.08E-05	0.005819	3.71E-01	0.309617	0.044302	4.97E-05	0.00618	0.360149
4566	481863.09	3859377.25	2.76456	10.66063	3.8118	4.43197	2.51E-01	0.0451	7.1E-05	0.01027	0.30597	3.16E-01	0.056923	6.06E-05	0.005993	3.79E-01	0.311703	0.048958	4.95E-05	0.006365	0.367075
4567	482363.09	3859377.25	2.78209	11.78168	3.77495	4.61615	2.52E-01	0.04984	7.1E-05	0.01069	0.31272	3.18E-01	0.062909	6E-05	0.006242	3.87E-01	0.31368	0.054106	4.9E-05	0.006629	0.374464
4568	482863.09	3859377.25	2.82334	13.29707	3.78906	4.91415	2.56E-01	0.05625	7.1E-05	0.01138	0.32356	3.23E-01	0.071	6.02E-05	0.006644	4.01E-01	0.318331	0.061065	4.92E-05	0.007057	0.386502
4569	483363.09	3859377.25	2.90232	13.74093	3.8875	5.455	2.63E-01	0.05813	7.3E-05	0.01263	0.33385	3.32E-01	0.07337	6.18E-05	0.007376	4.13E-01	0.327236	0.063103	5.05E-05	0.007834	0.398223
4570	483863.09	3859377.25	2.95841	12.53834	3.8155	5.70387	2.68E-01	0.05304	7.1E-05	0.01321	0.33442	3.38E-01	0.066949	6.06E-05	0.007712	4.13E-01	0.33356	0.057581	4.95E-05	0.008191	0.399381
4571	484363.09	3859377.25	3.22004	13.08367	4.36911	5.92683	2.92E-01	0.05535	8.2E-05	0.01373	0.36097	3.68E-01	0.069861	6.94E-05	0.008014	4.46E-01	0.363058	0.060085	5.67E-05	0.008511	0.431711

4572	484863.09	3859377.25	3.46135	15.22764	4.68086	6.44829		3.14E-01	0.06442	8.8E-05	0.01494	0.39312		3.96E-01	0.081308	7.44E-05	0.008719	4.86E-01		0.390266	0.069931	6.08E-05	0.00926	0.469518							
4573	485363.09	3859377.25	3.75606	16.73772	5.06409	7.01004		3.40E-01	0.07081	9.5E-05	0.01624	0.42752		4.30E-01	0.089371	8.05E-05	0.009478	5.29E-01		0.423494	0.076866	6.57E-05	0.010067	0.510493							
4574	485863.09	3859377.25	4.15123	18.19815	5.60753	7.76053		3.76E-01	0.07699	0.0001	0.01797	0.47126		4.75E-01	0.097169	8.91E-05	0.010493	5.83E-01		0.46805	0.083573	7.28E-05	0.011145	0.56284							
4575	486363.09	3859377.25	4.61052	18.9821	6.18473	8.716		4.18E-01	0.0803	0.00012	0.02019	0.51842		5.27E-01	0.101355	9.83E-05	0.011785	6.41E-01		0.519835	0.087173	8.03E-05	0.012517	0.619604							
4576	486863.09	3859377.25	5.41128	21.21902	7.30225	10.07657		4.90E-01	0.08977	0.00014	0.02334	0.60362		6.19E-01	0.113299	0.000116	0.013625	7.46E-01		0.61012	0.097446	9.48E-05	0.01447	0.722131							
4577	487363.09	3859377.25	6.80024	22.53996	9.04062	12.44631		6.16E-01	0.09536	0.00017	0.02883	0.7406		7.78E-01	0.120353	0.000144	0.016829	9.15E-01		0.766725	0.103512	0.000117	0.017874	0.888228							
4578	487863.09	3859377.25	8.50642	23.47145	11.49239	16.55363		7.71E-01	0.0993	0.00022	0.03834	0.90872		9.73E-01	0.125326	0.000183	0.022382	1.12E+00		0.959096	0.10779	0.000149	0.023772	1.090807							
4579	488363.09	3859377.25	10.06319	24.09383	12.53294	20.13279		9.12E-01	0.10193	0.00023	0.04663	1.06074		1.15E+00	0.12865	0.000199	0.027222	1.31E+00		1.134621	0.110648	0.000163	0.028912	1.274343							
4580	488863.09	3859377.25	12.78038	19.77197	12.65083	25.4392		1.16E+00	0.08365	0.00024	0.05892	1.30099		1.46E+00	0.105573	0.000201	0.034397	1.60E+00		1.440983	0.0908	0.000164	0.036532	1.56848							
4581	489363.09	3859377.25	14.3239	16.88246	12.19204	24.11103		1.30E+00	0.07142	0.00023	0.05585	1.42556		1.64E+00	0.090144	0.000194	0.032601	1.76E+00		1.615015	0.077531	0.000158	0.034625	1.727328							
4582	489863.09	3859377.25	9.9299	16.51949	12.55437	21.30827		9.00E-01	0.06989	0.00024	0.04935	1.01934		1.14E+00	0.088206	0.0002	0.028811	1.25E+00		1.119593	0.075864	0.000163	0.0306	1.226219							
4583	490363.09	3859377.25	9.31608	16.33774	13.0627	21.57911		8.44E-01	0.06912	0.00024	0.04998	0.96359		1.07E+00	0.087236	0.000208	0.029177	1.18E+00		1.050385	0.075029	0.00017	0.030989	1.156572							
4584	490863.09	3859377.25	8.59999	16.69728	11.89577	18.15629		7.79E-01	0.07064	0.00022	0.04205	0.89226		9.84E-01	0.089155	0.000189	0.024549	1.10E+00		0.969646	0.07668	0.000154	0.026073	1.072554							
4585	491363.09	3859377.25	11.27642	18.40646	16.28424	8.56747		1.02E+00	0.07787	0.0003	0.01984	1.11991		1.29E+00	0.098282	0.000259	0.011584	1.40E+00		1.271412	0.084529	0.000211	0.012303	1.368457							
4586	491863.09	3859377.25	8.88947	15.05995	12.70487	12.2651		8.06E-01	0.06371	0.00024	0.02841	0.89794		1.02E+00	0.080413	0.000202	0.016584	1.11E+00		1.002285	0.069161	0.000165	0.017613	1.089224							
4587	492363.09	3859377.25	8.13255	13.50955	11.09378	10.21946		7.37E-01	0.05715	0.00021	0.02367	0.81802		9.30E-01	0.072135	0.000176	0.013818	1.02E+00		0.916942	0.062041	0.000144	0.014676	0.993803							
4588	492863.09	3859377.25	6.74961	12.36054	9.29275	8.58968		6.12E-01	0.05229	0.00017	0.0199	0.68402		7.72E-01	0.065999	0.000148	0.011614	8.50E-01		0.761016	0.056764	0.000121	0.012335	0.830236							
4589	493363.09	3859377.25	6.86427	11.15544	9.22852	6.62097		6.22E-01	0.04719	0.00017	0.01534	0.68476		7.85E-01	0.059565	0.000147	0.008952	8.54E-01		0.773944	0.05123	0.00012	0.009508	0.834802							
4590	493863.09	3859377.25	6.1647	10.43756	8.46725	5.76933		5.59E-01	0.04416	0.00016	0.01336	0.61634		7.05E-01	0.055732	0.000135	0.007801	7.69E-01		0.695068	0.047933	0.00011	0.008285	0.751396							
4591	494363.09	3859377.25	5.72173	9.98817	7.75847	4.6827		5.19E-01	0.04226	0.00015	0.01085	0.57176		6.54E-01	0.053332	0.000123	0.006332	7.14E-01		0.645123	0.045869	0.000101	0.006725	0.697818							
4592	494863.09	3859377.25	4.80363	7.9755	6.61256	2.99054		4.35E-01	0.03374	0.00012	0.00693	0.47611		5.49E-01	0.042585	0.000105	0.004044	5.96E-01		0.541608	0.036626	8.58E-05	0.004295	0.582615							
4593	495363.09	3859377.25	4.47471	7.38376	6.01409	2.85731		4.06E-01	0.03124	0.00011	0.00662	0.44348		5.12E-01	0.039426	9.56E-05	0.003863	5.55E-01		0.504522	0.033909	7.81E-05	0.004103	0.542612							
4594	495863.09	3859377.25	3.9557	6.62029	5.15393	2.49997		3.58E-01	0.02801	9.6E-05	0.00579	0.39237		4.52E-01	0.035349	8.19E-05	0.00338	4.91E-01		0.446004	0.030403	6.69E-05	0.00359	0.480064							
4595	496363.09	3859377.25	3.73459	6.37474	4.87126	2.71671		3.38E-01	0.02697	9.1E-05	0.00629	0.37179		4.27E-01	0.034038	7.74E-05	0.003673	4.65E-01		0.421074	0.029275	6.32E-05	0.003901	0.454313							
4596	496863.09	3859377.25	3.05494	4.88589	4.05624	2.50658		2.77E-01	0.02067	7.6E-05	0.00581	0.3034		3.49E-01	0.026088	6.45E-05	0.003389	3.79E-01		0.344443	0.022438	5.27E-05	0.0036	0.370533							
4597	497363.09	3859377.25	3.23239	4.93649	4.46875	2.75452		2.93E-01	0.02088	8.4E-05	0.00638	0.32027		3.70E-01	0.026358	7.1E-05	0.003724	4.00E-01		0.364451	0.02267	5.8E-05	0.003956	0.391135							
4598	497863.09	3859377.25	3.64281	5.63966	4.91609	3.50578		3.30E-01	0.02386	9.2E-05	0.00812	0.36219		4.17E-01	0.030113	7.81E-05	0.00474	4.52E-01		0.410726	0.025899	6.38E-05	0.005034	0.441723							
4599	498363.09	3859377.25	3.5958	5.60158	4.93108	4.1484		3.26E-01	0.0237	9.2E-05	0.00961	0.35926		4.11E-01	0.02991	7.84E-05	0.005609	4.47E-01		0.405425	0.025725	6.4E-05	0.005957	0.437171							
4600	471363.09	3859877.25	1.99267	4.19458	2.7015	2.56329		1.81E-01	0.01775	5.1E-05	0.00594	0.20431		2.28E-01	0.022397	4.29E-05	0.003466	2.54E-01		0.224673	0.019263	3.51E-05	0.003681	0.247652							
4601	471863.09	3859877.25	2.02794	4.38843	2.75263	2.60767		1.84E-01	0.01857	5.2E-05	0.00604	0.20843		2.32E-01	0.023432	4.37E-05	0.003526	2.59E-01		0.22865	0.020153	3.57E-05	0.003745	0.252583							
4602	472363.09	3859877.25	2.05919	4.61275	2.79877	2.61895		1.87E-01	0.01951	5.2E-05	0.00607	0.21224		2.36E-01	0.02463	4.45E-05	0.003541	2.64E-01		0.232173	0.021183	3.63E-05	0.003761	0.257154							
4603	472863.09	3859877.25	2.08801	4.57177	2.83135	2.69672		1.89E-01	0.01934	5.3E-05	0.00625	0.21486		2.39E-01	0.024411	4.5E-05	0.003646	2.67E-01		0.235422	0.020995	3.68E-05	0.003873	0.260327							
4604	473363.09	3859877.25	2.11957	4.50408	2.89199	2.82768		1.92E-01	0.01905	5.4E-05	0.00655	0.21774		2.42E-01	0.02405	4.6E-05	0.003823	2.70E-01		0.238981	0.020684	3.75E-05	0.004061	0.263763							
4605	473863.09	3859877.25	2.19961	5.08689	2.95875	2.86203		1.99E-01	0.02152	5.5E-05	0.00663	0.22754		2.52E-01	0.027162	4.7E-05	0.00387	2.83E-01		0.248005	0.023361	3.84E-05	0.00411	0.275515							
4606	474363.09	3859877.25	2.20713	5.69473	3.0322	2.41668		2.00E-01	0.02409	5.7E-05	0.0056	0.22976		2.52E-01	0.030407	4.82E-05	0.003268	2.86E-01		0.248853	0.026152	3.94E-05	0.00347	0.278515							
4607	474863.09	3859877.25	1.98541	5.45956	2.76351	1.75939		1.80E-01	0.0231	5.2E-05	0.00408	0.20715		2.27E-01	0.029151	4.39E-05	0.002379	2.59E-01		0.223854	0.025072	3.59E-05	0.002527	0.251489							
4608	475363.09	3859877.25	1.1378	2.71937	1.62114	1.24403		1.03E-01	0.0115	3E-05	0.00288	0.11753		1.30E-01	0.01452	2.58E-05	0.001682	1.46E-01		0.128287	0.012488	2.1E-05	0.001786	0.142582							
4609	475863.09	3859877.25	0.87841	1.83652	1.20274	1.20918		7.96E-02	0.00777	2.3E-05	0.0028	0.0902		1.00E-01	0.009806	1.91E-05	0.001635	1.12E-01		0.09904	0.008434	1.56E-05	0.001736	0.109226							
4610	476363.09	3859877.25	0.70213	1.17762	0.98393	1.03485		6.36E-02	0.00498	1.8E-05	0.0024	0.07103		8.03E-02	0.006288	1.56E-05	0.001399	8.80E-02		0.079165	0.005408	1.28E-05	0.001486	0.086072							
4611	476863.09	3859877.25	0.72738	1.43934	0.94441	1.15573		6.59E-02	0.00609	1.8E-05	0.00268	0.0747		8.32E-02	0.007685	1.5E-05	0.001563	9.25E-02		0.082012	0.00661	1.23E-05	0.00166	0.090294							
4612	477363.09	3859877.25	0.76774	1.95182	0.97513	1.15795		6.96E-02	0.00826	1.8E-05	0.00268	0.08053		8.78E-02	0.010422	1.55E-05	0.001566	9.98E-02		0.086562	0.008963	1.27E-05	0.001663	0.097201							
4613	477863.09	3859877.25	0.92416	2.12568	1.19662	1.23023		8.37E-02	0.00899	2.2E-05	0.00285	0.09561		1.06E-01	0.01135	1.9E-05	0.001663	1.19E-01		0.104199	0.009762	1.55E-05	0.001767	0.115743							
4614	478363.09	3859877.25	1.31909	3.89787	1.79701	1.39898		1.20E-01	0.01649	3.4E-05	0.00324	0.1393		1.51E-01	0.020813	2.86E-05	0.001892	1.74E-01		0.148727	0.0179	2.33E-05	0.002009	0.16866							
4615	478863.09	3859877.25	1.91256	6.18295	2.71922	1.73881		1.73E-01	0.02616	5.1E-05	0.00403	0.20356		2.19E-01	0.033014	4.32E-05	0.002351	2.54E-01		0.21564	0.028394	3.53E-05	0.002497	0.246567							
4616	479363.09	3859877.25	2.55503	8.8467	3.57607	2.37724		2.32E-01	0.03743	6.7E-05	0.00551	0.27454		2.92E-01	0.047237	5.68E-05	0.003214	3.43E-01		0.288079	0.040627	4.64E-05	0.003414	0.332166							
4617	479863.09	3859877.25	2.65083	9.09711	3.57263	2.89133		2.40E-01	0.03849	6.7E-05	0.0067	0.28547		3.03E-01	0.048574	5.68E-05	0.003909	3.56E-01		0.29888	0.041777	4.64E-05	0.004152	0.344856							
4618	480363.09	3859877.25	2.33717	8.53629	3.23977	3.48429		2.12E-01	0.03611	6.1E-05	0.00807	0.25604		2.67E-01	0.04558	5.15E-05	0.004711	3.18E-01		0.263515	0.039202	4.21E-05	0.005004	0.307763							
4619	480863.09	3859877.25	2.37434	8.7039	3.28061	3.95205		2.15E-01	0.03682	6.1E-05	0.00915	0.2612		2.72E-01	0.046475	5.21E-05	0.005344	3.23E-01		0.267706	0.039972	4.26E-05	0.005675	0.313395							
4620	481363.09	3859877.25	2.3438	8.99916	3.2206	4.16593		2.12E-01	0.03807	6E-05	0.00965	0.26018		2.68E-01	0.048051	5.12E-05	0.005633	3.22E-01		0.264263	0.041327	4.18E-05	0.005982	0.311614							
4621	481863.09	3859877.25	2.3859	10.38412	3.19583	4.27315		2.16E-01	0.04393	6E-05	0.0099	0.2701		2.73E-01	0.055446	5.08E-05	0.005778	3.34E-01		0.269009	0.047688	4.15E-05	0.006136	0.322875							
4622	482363.09	3859877.25	2.49668	10.91409	3.354	4.52646		2.26E-01	0.04617	6.3E-05	0.01048	0.28297		2.86E-01	0.058276	5.33E-05	0.00612	3.50E-01		0.2815	0.050122	4.35E-05	0.0065	0.338165							
4623	482863.09	3859877.25	2.61535	9.97523	3.5001	4.73172		2.37E-01	0.0422	6.6E-05	0.01096	0.29023		2.99E-01	0.053263	5.56E-05	0.006398	3.59E-01		0.29488	0.04581	4.54E-05	0.006795	0.34753							
4624	483363.09	3859877.25	2.7159	10.67733	3.66359	4.97803		2.46E-01	0.04517	6.9E-05	0.01153	0.30289		3.11E-01	0.057012	5.82E-05	0.006731	3.74E-01		0.306217	0.049034	4.76E-05	0.007149	0.362447							
4625	483863.09	3859877.25	2.84562	11.35679	3.58781	5.17461		2.58E-01	0.04805	6.7E-05	0.01199	0.31797		3.25E-01	0.06064	5.7E-05	0.006997	3.93E-01		0.320843	0.052155	4.66E-05	0.007431	0.380475							
4626	484363.09	3859877.25	3.02847	12.49396	4.11891	5.46378		2.74E-01	0.05286	7.7E-05	0.01266	0.34003		3.46E-01	0.066712	6.55E-05	0.007388	4.21E-01		0.341459	0.057377	5.35E-05	0.007846	0.406736							
4627	484863.09	3859877.25	3.21337	13.34329	4.36233	5.9855		2.91E-01	0.05645	8.2E-05	0.01386	0.3616		3.68E-01	0.071247	6.93E-05	0.008093	4.47E-01		0.362306	0.061277	5.66E-05	0.008595	0.432236							
4628	485363.09	3859877.25	3.45349	14.81101	4.67931	6.48017		3.13E-01	0.06266	8.8E-05	0.01501	0.39072		3.95E-01	0.079084	7.44E-05	0.008762	4.83E-01		0.38938	0.068018	6.07E-05	0.009306	0.466764							
4629	485863.09	3859877.25	3.77782	15.62315	5.09921	6.89765		3.42E-01	0.06609	9.5E-05	0.01598	0.42452		4.32E-01	0.08342	8.1E-05	0.009326	5.25E-01		0.425948	0.071747	6.62E-05	0.009905	0.507667							
4630	486363.09	3859877.25	4.09594	15.73027	5.5284	7.68892		3.71E-01	0.06655	0.0001	0.01781	0.45564		4.68E-01	0.083992	8.79E-05	0.010396	5.63E-01		0.461816	0.072239	7.18E-05	0.011042	0.545169							
4631	486863.09	3859877.25	4.64882	17.56054	6.27133	8.66382		4.21E-01	0.07429	0.00012	0.02007	0.51576		5.32E-01	0.093765	9.97E-05	0.011714	6.37E-01		0.524153	0.080645	8.14E-05	0.012442	0.61732							
4632	487363.09	3859877.25	5.37216	17.59761	7.26697	10.18734		4.87E-01	0.07445	0.00014	0.0236	0.58502		6.14E-01	0.093963	0.000115	0.013774	7.22E-01		0.605709	0.080815	9.43E-05	0.01463	0.701248							

4633	487863.09	3859877.25	7.05011	19.16903	9.55597	12.79352		6.39E-01	0.08109	0.00018	0.02963	0.7498		8.06E-01	0.102353	0.000152	0.017298	9.26E-01		0.794897	0.088031	0.000124	0.018372	0.901425
4634	488363.09	3859877.25	8.05651	17.75473	10.63277	15.89212		7.30E-01	0.07511	0.0002	0.03681	0.84222		9.21E-01	0.094802	0.000169	0.021488	1.04E+00		0.908369	0.081536	0.000138	0.022822	1.012865
4635	488863.09	3859877.25	9.88507	18.52415	11.80427	20.28522		8.96E-01	0.07837	0.00022	0.04698	1.02138		1.13E+00	0.09891	0.000188	0.027428	1.26E+00		1.114538	0.08507	0.000153	0.029131	1.228892
4636	489363.09	3859877.25	11.78546	16.44525	11.71155	22.06483		1.07E+00	0.06957	0.00022	0.05111	1.18892		1.35E+00	0.08781	0.000186	0.029834	1.47E+00		1.328807	0.075523	0.000152	0.031686	1.436168
4637	489863.09	3859877.25	12.51617	16.29812	11.79856	22.66553		1.13E+00	0.06895	0.00022	0.0525	1.25591		1.43E+00	0.087024	0.000188	0.030646	1.55E+00		1.411194	0.074847	0.000153	0.032549	1.518743
4638	490363.09	3859877.25	9.52995	14.72906	10.8162	19.46475		8.64E-01	0.06231	0.0002	0.04508	0.97122		1.09E+00	0.078646	0.000172	0.026318	1.20E+00		1.074499	0.067641	0.00014	0.027952	1.170233
4639	490863.09	3859877.25	8.70602	14.51093	11.54262	17.74298		7.89E-01	0.06139	0.00022	0.0411	0.89166		9.96E-01	0.077481	0.000183	0.02399	1.10E+00		0.981601	0.06664	0.00015	0.02548	1.07387
4640	491363.09	3859877.25	7.74725	14.04979	10.48657	16.87628		7.02E-01	0.05944	0.0002	0.03909	0.80079		8.86E-01	0.075019	0.000167	0.022819	9.84E-01		0.8735	0.064522	0.000136	0.024235	0.962393
4641	491863.09	3859877.25	7.59623	13.40433	9.98523	16.7606		6.88E-01	0.05671	0.00019	0.03882	0.7841		8.69E-01	0.071573	0.000159	0.022662	9.63E-01		0.856472	0.061558	0.00013	0.024069	0.942229
4642	492363.09	3859877.25	7.26146	12.64758	9.96947	15.57013		6.58E-01	0.05351	0.00019	0.03606	0.7478		8.31E-01	0.067532	0.000158	0.021053	9.19E-01		0.818727	0.058082	0.000129	0.02236	0.899298
4643	492863.09	3859877.25	6.62653	10.54746	9.23148	13.35548		6.01E-01	0.04462	0.00017	0.03093	0.67624		7.58E-01	0.056318	0.000147	0.018058	8.32E-01		0.747139	0.048438	0.00012	0.019179	0.814876
4644	493363.09	3859877.25	6.05879	9.09948	8.23135	10.60044		5.49E-01	0.0385	0.00015	0.02455	0.61226		6.93E-01	0.048587	0.000131	0.014333	7.56E-01		0.683126	0.041788	0.000107	0.015223	0.740244
4645	493863.09	3859877.25	5.33016	8.22604	7.21241	8.96554		4.83E-01	0.0348	0.00014	0.02077	0.53873		6.10E-01	0.043923	0.000115	0.012122	6.66E-01		0.600974	0.037777	9.36E-05	0.012875	0.651719
4646	494363.09	3859877.25	5.2968	9.14299	7.20982	7.69377		4.80E-01	0.03868	0.00013	0.01782	0.53664		6.06E-01	0.048819	0.000115	0.010403	6.65E-01		0.597212	0.041988	9.36E-05	0.011049	0.650343
4647	494863.09	3859877.25	5.03719	8.21609	6.99702	6.83191		4.56E-01	0.03476	0.00013	0.01582	0.50719		5.76E-01	0.04387	0.000111	0.009237	6.29E-01		0.567941	0.037731	9.08E-05	0.009811	0.615575
4648	495363.09	3859877.25	5.08568	7.67153	6.93038	5.9072		4.61E-01	0.03245	0.00013	0.01368	0.50714		5.82E-01	0.040962	0.00011	0.007987	6.31E-01		0.573409	0.035231	9E-05	0.008483	0.617212
4649	495863.09	3859877.25	4.86657	7.87144	6.7471	5.10464		4.41E-01	0.0333	0.00013	0.01182	0.48627		5.57E-01	0.04203	0.000107	0.006902	6.06E-01		0.548704	0.036149	8.76E-05	0.007331	0.592271
4650	496363.09	3859877.25	4.59893	7.24819	6.35629	3.79389		4.17E-01	0.03066	0.00012	0.00879	0.45633		5.26E-01	0.038702	0.000101	0.00513	5.70E-01		0.518528	0.033286	8.25E-05	0.005448	0.557345
4651	496863.09	3859877.25	2.96978	4.01641	3.97522	1.67258		2.69E-01	0.01699	7.4E-05	0.00387	0.29007		3.40E-01	0.021446	6.32E-05	0.002262	3.63E-01		0.334842	0.018445	5.16E-05	0.002402	0.35574
4652	497363.09	3859877.25	3.8721	6.15696	5.14057	2.78939		3.51E-01	0.02605	9.6E-05	0.00646	0.3835		4.43E-01	0.032875	8.17E-05	0.003772	4.80E-01		0.436578	0.028275	6.67E-05	0.004006	0.468925
4653	497863.09	3859877.25	3.66643	6.43514	5.04646	4.42288		3.32E-01	0.02722	9.4E-05	0.01024	0.36982		4.19E-01	0.034361	8.02E-05	0.00598	4.60E-01		0.413389	0.029553	6.55E-05	0.006351	0.449358
4654	498363.09	3859877.25	2.93784	4.49893	4.0008	5.07711		2.66E-01	0.01903	7.5E-05	0.01176	0.2971		3.36E-01	0.024022	6.36E-05	0.006865	3.67E-01		0.33124	0.020661	5.19E-05	0.007291	0.359244
4655	471363.09	3860377.25	1.94065	3.83382	2.63847	2.60885		1.76E-01	0.01622	4.9E-05	0.00604	0.19818		2.22E-01	0.020471	4.19E-05	0.003527	2.46E-01		0.218808	0.017606	3.42E-05	0.003746	0.240195
4656	471863.09	3860377.25	1.97352	3.73207	2.69486	2.66556		1.79E-01	0.01579	5E-05	0.00617	0.20086		2.26E-01	0.019927	4.28E-05	0.003604	2.49E-01		0.222514	0.017139	3.5E-05	0.003828	0.243516
4657	472363.09	3860377.25	2.00372	3.8772	2.73321	2.74504		1.82E-01	0.0164	5.1E-05	0.00636	0.20439		2.29E-01	0.020702	4.34E-05	0.003712	2.54E-01		0.225919	0.017806	3.55E-05	0.003942	0.247702
4658	472863.09	3860377.25	2.02797	4.09179	2.75976	2.81825		1.84E-01	0.01731	5.2E-05	0.00653	0.20767		2.32E-01	0.021848	4.39E-05	0.003811	2.58E-01		0.228653	0.018791	3.58E-05	0.004047	0.251527
4659	473363.09	3860377.25	2.05972	4.30156	2.80255	2.85234		1.87E-01	0.0182	5.2E-05	0.00661	0.21151		2.36E-01	0.022968	4.45E-05	0.003857	2.62E-01		0.232233	0.019754	3.64E-05	0.004096	0.25612
4660	473863.09	3860377.25	2.11476	4.49688	2.87971	2.85084		1.92E-01	0.01902	5.4E-05	0.0066	0.21733		2.42E-01	0.024011	4.58E-05	0.003855	2.70E-01		0.238438	0.020651	3.74E-05	0.004094	0.263221
4661	474363.09	3860377.25	2.19327	4.93193	2.97732	2.68088		1.99E-01	0.02086	5.6E-05	0.00621	0.22589		2.51E-01	0.026334	4.73E-05	0.003625	2.81E-01		0.24729	0.022649	3.86E-05	0.00385	0.273828
4662	474863.09	3860377.25	2.14527	5.2935	2.94701	2.41015		1.94E-01	0.02239	5.5E-05	0.00558	0.22244		2.45E-01	0.028265	4.68E-05	0.003259	2.77E-01		0.241878	0.02431	3.83E-05	0.003461	0.269688
4663	475363.09	3860377.25	1.92104	5.21274	2.63665	1.72875		1.74E-01	0.02205	4.9E-05	0.004	0.20019		2.20E-01	0.027834	4.19E-05	0.002337	2.50E-01		0.216597	0.023939	3.42E-05	0.002483	0.243052
4664	475863.09	3860377.25	1.54629	4.49576	2.08107	1.58061		1.40E-01	0.01902	3.9E-05	0.00366	0.16285		1.77E-01	0.024005	3.31E-05	0.002137	2.03E-01		0.174344	0.020646	2.7E-05	0.00227	0.197287
4665	476363.09	3860377.25	1.19395	3.56782	1.60433	1.32971		1.08E-01	0.01509	3E-05	0.00308	0.1264		1.37E-01	0.01905	2.55E-05	0.001798	1.57E-01		0.134617	0.016385	2.08E-05	0.00191	0.152933
4666	476863.09	3860377.25	1.14527	3.1814	1.45453	1.32558		1.04E-01	0.01346	2.7E-05	0.00307	0.12034		1.31E-01	0.016987	2.31E-05	0.001792	1.50E-01		0.129129	0.01461	1.89E-05	0.001904	0.145661
4667	477363.09	3860377.25	0.83039	1.76656	1.1095	1.21774		7.53E-02	0.00747	2.1E-05	0.00282	0.08557		9.50E-02	0.009433	1.76E-05	0.001647	1.06E-01		0.093626	0.008113	1.44E-05	0.001749	0.103502
4668	477863.09	3860377.25	0.87593	2.17504	1.21557	1.2136		7.94E-02	0.0092	2.3E-05	0.00281	0.09141		1.00E-01	0.011614	1.93E-05	0.001641	1.13E-01		0.098761	0.009989	1.58E-05	0.001743	0.110508
4669	478363.09	3860377.25	1.43724	3.71655	1.98995	1.36429		1.30E-01	0.01572	3.7E-05	0.00316	0.14917		1.64E-01	0.019845	3.16E-05	0.001845	1.86E-01		0.162048	0.017068	2.58E-05	0.001959	0.181101
4670	478863.09	3860377.25	2.03094	7.07376	2.77438	1.66472		1.84E-01	0.02993	5.2E-05	0.00386	0.21788		2.32E-01	0.03777	4.41E-05	0.002251	2.72E-01		0.228988	0.032485	3.6E-05	0.002391	0.2639
4671	479363.09	3860377.25	2.4781	8.17928	3.37832	2.19411		2.25E-01	0.0346	6.3E-05	0.00508	0.26432		2.83E-01	0.043673	5.37E-05	0.002967	3.30E-01		0.279405	0.037562	4.39E-05	0.003151	0.320162
4672	479863.09	3860377.25	2.39242	8.47234	3.21463	2.95221		2.17E-01	0.03584	6E-05	0.00684	0.25955		2.74E-01	0.045238	5.11E-05	0.003992	3.23E-01		0.269745	0.038908	4.17E-05	0.00424	0.312934
4673	480363.09	3860377.25	2.09818	7.35534	2.83629	3.63277		1.90E-01	0.03112	5.3E-05	0.00841	0.22973		2.40E-01	0.039274	4.51E-05	0.004912	2.84E-01		0.236569	0.033778	3.68E-05	0.005217	0.275601
4674	480863.09	3860377.25	2.06306	8.38265	2.77037	3.89525		1.87E-01	0.03546	5.2E-05	0.00902	0.2315		2.36E-01	0.044759	4.4E-05	0.005267	2.86E-01		0.232609	0.038496	3.6E-05	0.005594	0.276735
4675	481363.09	3860377.25	2.14838	8.61561	2.88339	3.99363		1.95E-01	0.03645	5.4E-05	0.00925	0.24044		2.46E-01	0.046003	4.58E-05	0.0054	2.97E-01		0.242229	0.039566	3.74E-05	0.005735	0.287568
4676	481863.09	3860377.25	2.22943	8.47107	2.99688	4.21615		2.02E-01	0.03584	5.6E-05	0.00977	0.24769		2.55E-01	0.045231	4.76E-05	0.005701	3.06E-01		0.251367	0.038902	3.89E-05	0.006055	0.296363
4677	482363.09	3860377.25	2.31734	8.2883	3.11863	4.31763		2.10E-01	0.03506	5.8E-05	0.01	0.25512		2.65E-01	0.044256	4.96E-05	0.005838	3.15E-01		0.261279	0.038063	4.05E-05	0.0062	0.305583
4678	482863.09	3860377.25	2.41795	8.78681	3.26075	4.4469		2.19E-01	0.03717	6.1E-05	0.0103	0.26665		2.77E-01	0.046917	5.18E-05	0.006013	3.30E-01		0.272623	0.040352	4.23E-05	0.006386	0.319404
4679	483363.09	3860377.25	2.49165	9.29563	3.36532	4.64347		2.26E-01	0.03933	6.3E-05	0.01076	0.27594		2.85E-01	0.049634	5.35E-05	0.006278	3.41E-01		0.280933	0.042689	4.37E-05	0.006668	0.330334
4680	483863.09	3860377.25	2.86698	11.29947	3.67349	4.78298		2.60E-01	0.0478	6.9E-05	0.01108	0.31876		3.28E-01	0.060334	5.84E-05	0.006467	3.95E-01		0.323251	0.051891	4.77E-05	0.006869	0.382059
4681	484363.09	3860377.25	2.89775	11.05446	3.94333	5.24396		2.63E-01	0.04677	7.4E-05	0.01215	0.32159		3.31E-01	0.059026	6.27E-05	0.00709	3.98E-01		0.32672	0.050766	5.12E-05	0.007531	0.385068
4682	484863.09	3860377.25	3.02671	11.53264	4.12254	5.61287		2.74E-01	0.04879	7.7E-05	0.013	0.33615		3.46E-01	0.061579	6.55E-05	0.007589	4.15E-01		0.341261	0.052962	5.35E-05	0.00806	0.402337
4683	485363.09	3860377.25	3.20981	11.87615	4.34846	6.03347		2.91E-01	0.05024	8.1E-05	0.01397	0.35518		3.67E-01	0.063413	6.91E-05	0.008158	4.39E-01		0.361905	0.05454	5.64E-05	0.008664	0.425165
4684	485863.09	3860377.25	3.47578	13.04157	4.70449	6.32169		3.15E-01	0.05517	8.8E-05	0.01464	0.38489		3.98E-01	0.069636	7.48E-05	0.008548	4.76E-01		0.391893	0.059892	6.11E-05	0.009078	0.460924
4685	486363.09	3860377.25	3.71679	13.99728	4.98048	6.937		3.37E-01	0.05922	9.3E-05	0.01607	0.4122		4.25E-01	0.074739	7.92E-05	0.00938	5.09E-01		0.419067	0.064281	6.46E-05	0.009962	0.493374
4686	486863.09	3860377.25	3.99982	14.66184	5.39732	7.56468		3.62E-01	0.06203	0.0001	0.01752	0.44212		4.57E-01	0.078287	8.58E-05	0.010228	5.46E-01		0.450978	0.067333	7.01E-05	0.010863	0.529244
4687	487363.09	3860377.25	4.54149	14.33353	6.16741	8.60594		4.12E-01	0.06064	0.00012	0.01993	0.49225		5.19E-01	0.076534	9.8E-05	0.011636	6.08E-01		0.512051	0.065825	8.01E-05	0.012359	0.590315
4688	487863.09	3860377.25	5.39917	14.98545	7.20658	10.30073		4.89E-01	0.0634	0.00013	0.02386	0.57667		6.18E-01	0.080015	0.000115	0.013928	7.12E-01		0.608755	0.068819	9.35E-05	0.014792	0.692459
4689	488363.09	3860377.25	6.84096	14.91084	9.17504	13.18729		6.20E-01	0.06308	0.00017	0.03054	0.71374		7.82E-01	0.079617	0.000146	0.017831	8.80E-01		0.771316	0.068476	0.000119	0.018938	0.858849
4690	488863.09	3860377.25	7.85483	15.63	10.13876	16.01517		7.12E-01	0.06612	0.00019	0.03709	0.81523		8.98E-01	0.083457	0.000161	0.021654	1.00E+00		0.885629	0.071779	0.000132	0.022999	0.980538
4691	489363.09	3860377.25	9.18313	14.63186	10.51055	18.70831		8.32E-01	0.0619	0.0002	0.04333	0.93762		1.05E+00	0.078127	0.000167	0.025296	1.15E+00		1.035395	0.067195	0.000136	0.026866	1.129592
4692	489863.09	3860377.25	10.39989	13.99791	10.54365	19.39729		9.42E-01	0.05922	0.0002	0.04493	1.0468		1.19E+00	0.074742	0.000168	0.026227	1.29E+00		1.172584	0.064284	0.000137	0.027856	1.26486
4693	490363.09	3860377.25	10.82322	14.67449	10.67162	20.32857		9.81E-01	0.06208	0.0002	0.04708	1.09019		1.24E+00	0.078355	0.00017	0.027486	1.34E+00		1.220314	0.067391	0.000139	0.029193	1.317036

4694	490863.09	3860377.25	9.09924	13.66015	9.99378	18.20577	8.25E-01	0.05779	0.00019	0.04217	0.92474	1.04E+00	0.072939	0.000159	0.024616	1.14E+00	1.025936	0.062732	0.00013	0.026144	1.114943
4695	491363.09	3860377.25	7.95961	12.4689	9.24947	16.25533	7.21E-01	0.05275	0.00017	0.03765	0.81189	9.10E-01	0.066578	0.000147	0.021979	9.99E-01	0.897443	0.057262	0.00012	0.023344	0.978169
4696	491863.09	3860377.25	7.07067	11.6809	8.85033	14.88806	6.41E-01	0.04942	0.00017	0.03448	0.72482	8.09E-01	0.06237	0.000141	0.02013	8.91E-01	0.797216	0.053643	0.000115	0.02138	0.872354
4697	492363.09	3860377.25	6.45207	11.63932	7.90299	14.29631	5.85E-01	0.04924	0.00015	0.03311	0.6672	7.38E-01	0.062148	0.000126	0.01933	8.20E-01	0.727469	0.053452	0.000103	0.02053	0.801554
4698	492863.09	3860377.25	6.49982	10.70536	8.43245	13.4072	5.89E-01	0.04529	0.00016	0.03105	0.66553	7.43E-01	0.057161	0.000134	0.018128	8.19E-01	0.732852	0.049163	0.000109	0.019253	0.801378
4699	493363.09	3860377.25	6.01429	10.39262	8.05288	13.24886	5.45E-01	0.04397	0.00015	0.03069	0.61983	6.88E-01	0.055492	0.000128	0.017914	7.61E-01	0.678109	0.047727	0.000105	0.019026	0.744966
4700	493863.09	3860377.25	5.62521	8.89879	7.58445	11.06228	5.10E-01	0.03765	0.00014	0.02562	0.57318	6.43E-01	0.047515	0.000121	0.014957	7.06E-01	0.634241	0.040867	9.84E-05	0.015886	0.691092
4701	494363.09	3860377.25	5.21408	7.74019	7.03886	9.75704	4.73E-01	0.03274	0.00013	0.0226	0.52799	5.96E-01	0.041329	0.000112	0.013193	6.51E-01	0.587886	0.035546	9.14E-05	0.014012	0.637535
4702	494863.09	3860377.25	4.5459	6.84895	6.13172	8.73358	4.12E-01	0.02897	0.00011	0.02023	0.46128	5.20E-01	0.03657	9.75E-05	0.011809	5.68E-01	0.512549	0.031453	7.96E-05	0.012542	0.556623
4703	495363.09	3860377.25	4.17157	6.38398	5.64257	7.9741	3.78E-01	0.02701	0.00011	0.01847	0.42362	4.77E-01	0.034087	8.97E-05	0.010782	5.22E-01	0.470343	0.029318	7.32E-05	0.011451	0.511185
4704	495863.09	3860377.25	4.20662	6.99737	5.80974	6.80969	3.81E-01	0.0296	0.00011	0.01577	0.4267	4.81E-01	0.037363	9.23E-05	0.009207	5.28E-01	0.474295	0.032135	7.54E-05	0.009779	0.516284
4705	496363.09	3860377.25	4.82964	6.94145	6.64107	5.26634	4.38E-01	0.02937	0.00012	0.0122	0.47936	5.52E-01	0.037064	0.000106	0.007121	5.97E-01	0.54454	0.031878	8.62E-05	0.007563	0.584067
4706	496863.09	3860377.25	4.60942	6.32765	6.19018	4.11924	4.18E-01	0.02677	0.00012	0.00954	0.45414	5.27E-01	0.033787	9.84E-05	0.00557	5.67E-01	0.519711	0.029059	8.04E-05	0.005915	0.554765
4707	497363.09	3860377.25	3.98309	5.83766	5.55693	2.91982	3.61E-01	0.0247	0.0001	0.00676	0.39252	4.56E-01	0.03117	8.83E-05	0.003948	4.91E-01	0.449092	0.026809	7.21E-05	0.004193	0.480166
4708	497863.09	3860377.25	4.17519	6.20717	5.67471	4.46892	3.78E-01	0.02626	0.00011	0.01035	0.41508	4.78E-01	0.033143	9.02E-05	0.006042	5.17E-01	0.470751	0.028506	7.37E-05	0.006418	0.505748
4709	498363.09	3860377.25	2.96564	4.44857	3.92457	5.20587	2.69E-01	0.01882	7.3E-05	0.01206	0.2997	3.39E-01	0.023753	6.24E-05	0.007039	3.70E-01	0.334375	0.020429	5.09E-05	0.007476	0.362331
4710	471363.09	3860877.25	1.86026	3.40804	2.54165	2.68116	1.69E-01	0.01442	4.8E-05	0.00621	0.18926	2.13E-01	0.018197	4.04E-05	0.003625	2.35E-01	0.209744	0.015651	3.3E-05	0.00385	0.229278
4711	471863.09	3860877.25	1.87735	3.61185	2.56123	2.70132	1.70E-01	0.01528	4.8E-05	0.00626	0.19171	2.15E-01	0.019286	4.07E-05	0.003652	2.38E-01	0.211671	0.016587	3.32E-05	0.003879	0.23217
4712	472363.09	3860877.25	1.90093	3.81975	2.57708	2.73465	1.72E-01	0.01616	4.8E-05	0.00633	0.19481	2.17E-01	0.020396	4.1E-05	0.003698	2.42E-01	0.214329	0.017542	3.35E-05	0.003927	0.235831
4713	472863.09	3860877.25	1.85558	3.5859	2.51347	2.80936	1.68E-01	0.01517	4.7E-05	0.00651	0.18988	2.12E-01	0.019147	3.99E-05	0.003799	2.35E-01	0.209216	0.016468	3.26E-05	0.004034	0.229751
4714	473363.09	3860877.25	1.89293	4.02527	2.51796	2.82145	1.72E-01	0.01703	4.7E-05	0.00654	0.19515	2.17E-01	0.021493	4E-05	0.003815	2.42E-01	0.213427	0.018486	3.27E-05	0.004052	0.235997
4715	473863.09	3860877.25	1.93882	4.40891	2.54957	2.83357	1.76E-01	0.01865	4.8E-05	0.00656	0.20096	2.22E-01	0.023541	4.05E-05	0.003831	2.49E-01	0.218601	0.020247	3.31E-05	0.004069	0.242951
4716	474363.09	3860877.25	1.97905	4.77168	2.64399	2.78902	1.79E-01	0.02019	4.9E-05	0.00646	0.20604	2.26E-01	0.025478	4.2E-05	0.003771	2.56E-01	0.223137	0.021913	3.43E-05	0.004005	0.24909
4717	474863.09	3860877.25	2.00201	4.93167	2.69019	2.76517	1.81E-01	0.02086	5E-05	0.0064	0.20874	2.29E-01	0.026333	4.28E-05	0.003739	2.59E-01	0.225726	0.022648	3.49E-05	0.003971	0.25238
4718	475363.09	3860877.25	2.08352	5.4724	2.81709	2.55012	1.89E-01	0.02315	5.3E-05	0.00591	0.21792	2.38E-01	0.02922	4.48E-05	0.003448	2.71E-01	0.234916	0.025131	3.66E-05	0.003662	0.263746
4719	475863.09	3860877.25	2.04766	5.56063	2.82185	2.19696	1.86E-01	0.02352	5.3E-05	0.00509	0.21423	2.34E-01	0.029691	4.48E-05	0.002971	2.67E-01	0.230873	0.025536	3.66E-05	0.003155	0.259601
4720	476363.09	3860877.25	1.85874	5.53981	2.62301	1.59957	1.68E-01	0.02344	4.9E-05	0.0037	0.19563	2.13E-01	0.02958	4.17E-05	0.002163	2.44E-01	0.209572	0.025441	3.4E-05	0.002297	0.237344
4721	476863.09	3860877.25	1.76892	5.16101	2.44584	1.51773	1.60E-01	0.02183	4.6E-05	0.00352	0.1857	2.02E-01	0.027557	3.89E-05	0.002052	2.32E-01	0.199445	0.023701	3.17E-05	0.00218	0.225358
4722	477363.09	3860877.25	1.79629	5.37874	2.48411	1.602	1.63E-01	0.02275	4.7E-05	0.00371	0.1893	2.05E-01	0.02872	3.95E-05	0.002166	2.36E-01	0.202531	0.024701	3.22E-05	0.002301	0.229565
4723	477863.09	3860877.25	1.55982	4.22969	2.16816	1.27115	1.41E-01	0.01789	4.1E-05	0.00294	0.16223	1.78E-01	0.022585	3.45E-05	0.001719	2.03E-01	0.175869	0.019424	2.81E-05	0.001825	0.197147
4724	478363.09	3860877.25	0.95669	2.25131	1.30735	1.15227	8.67E-02	0.00952	2.4E-05	0.00267	0.09891	1.09E-01	0.012021	2.08E-05	0.001558	1.23E-01	0.107866	0.010339	1.7E-05	0.001655	0.119877
4725	478863.09	3860877.25	2.0144	5.53755	2.66915	1.74203	1.83E-01	0.02343	5E-05	0.00403	0.21006	2.30E-01	0.029568	4.24E-05	0.002355	2.62E-01	0.227123	0.02543	3.46E-05	0.002502	0.25509
4726	479363.09	3860877.25	2.32607	7.85349	3.17008	2.21139	2.11E-01	0.03322	5.9E-05	0.00512	0.2492	2.66E-01	0.041934	5.04E-05	0.00299	3.11E-01	0.262264	0.036066	4.11E-05	0.003176	0.301547
4727	479863.09	3860877.25	2.20505	8.36732	2.96947	3.13787	2.00E-01	0.0354	5.6E-05	0.00727	0.24255	2.52E-01	0.044677	4.72E-05	0.004243	3.01E-01	0.248619	0.038426	3.85E-05	0.004506	0.291589
4728	480363.09	3860877.25	1.95223	7.14588	2.55783	3.57484	1.77E-01	0.03023	4.8E-05	0.00828	0.21547	2.23E-01	0.038156	4.07E-05	0.004834	2.66E-01	0.220113	0.032817	3.32E-05	0.005134	0.258097
4729	480863.09	3860877.25	1.9541	7.27539	2.6303	3.72074	1.77E-01	0.03078	4.9E-05	0.00862	0.21653	2.24E-01	0.038847	4.18E-05	0.005031	2.67E-01	0.220324	0.033411	3.41E-05	0.005343	0.259113
4730	481363.09	3860877.25	2.01935	6.66244	2.7079	3.87382	1.83E-01	0.02819	5.1E-05	0.00897	0.22021	2.31E-01	0.035574	4.3E-05	0.005238	2.72E-01	0.227681	0.030596	3.51E-05	0.005563	0.263876
4731	481863.09	3860877.25	2.09311	7.23663	2.8247	3.95875	1.90E-01	0.03061	5.3E-05	0.00917	0.22952	2.39E-01	0.03864	4.49E-05	0.005353	2.83E-01	0.235997	0.033233	3.67E-05	0.005685	0.274952
4732	482363.09	3860877.25	2.16043	7.60585	2.91449	4.11017	1.96E-01	0.03218	5.5E-05	0.00952	0.23753	2.47E-01	0.040612	4.63E-05	0.005557	2.93E-01	0.243588	0.034929	3.78E-05	0.005902	0.284457
4733	482863.09	3860877.25	2.25805	7.72592	3.04976	4.24921	2.05E-01	0.03268	5.7E-05	0.00984	0.24721	2.58E-01	0.041253	4.85E-05	0.005745	3.05E-01	0.254594	0.03548	3.96E-05	0.006102	0.296216
4734	483363.09	3860877.25	2.39221	9.65341	3.16317	4.3514	2.17E-01	0.04084	5.9E-05	0.01008	0.26776	2.74E-01	0.051545	5.03E-05	0.005884	3.31E-01	0.269721	0.044332	4.11E-05	0.006249	0.320343
4735	483863.09	3860877.25	2.73563	9.81158	3.55427	4.47653	2.48E-01	0.04151	6.7E-05	0.01037	0.29985	3.13E-01	0.052389	5.65E-05	0.006053	3.71E-01	0.308441	0.045058	4.61E-05	0.006429	0.359974
4736	484363.09	3860877.25	2.84833	9.61742	3.87456	5.13374	2.58E-01	0.04069	7.3E-05	0.01189	0.31077	3.26E-01	0.051352	6.16E-05	0.006941	3.84E-01	0.321148	0.044167	5.03E-05	0.007372	0.372738
4737	484863.09	3860877.25	2.85269	10.12691	3.88843	5.2995	2.59E-01	0.04284	7.3E-05	0.01227	0.31371	3.26E-01	0.054073	6.18E-05	0.007165	3.88E-01	0.32164	0.046507	5.05E-05	0.00761	0.375807
4738	485363.09	3860877.25	3.02408	11.07496	4.10137	5.68091	2.74E-01	0.04685	7.7E-05	0.01316	0.33414	3.46E-01	0.059135	6.52E-05	0.007681	4.13E-01	0.340964	0.05086	5.32E-05	0.008158	0.400036
4739	485863.09	3860877.25	3.27345	10.44174	4.43926	6.01293	2.97E-01	0.04417	8.3E-05	0.01393	0.35483	3.74E-01	0.055754	7.06E-05	0.00813	4.38E-01	0.36908	0.047952	5.76E-05	0.008635	0.425725
4740	486363.09	3860877.25	3.43027	12.28253	4.54256	6.35634	3.11E-01	0.05196	8.5E-05	0.01472	0.37763	3.92E-01	0.065583	7.22E-05	0.008594	4.67E-01	0.386762	0.056406	5.9E-05	0.009128	0.452355
4741	486863.09	3860877.25	3.55234	12.28864	4.80991	6.83898	3.22E-01	0.05199	9E-05	0.01584	0.38984	4.06E-01	0.065615	7.64E-05	0.009247	4.81E-01	0.400525	0.056434	6.24E-05	0.009821	0.466843
4742	487363.09	3860877.25	3.97666	12.08641	5.37989	7.47986	3.60E-01	0.05113	0.0001	0.01732	0.42893	4.55E-01	0.064536	8.55E-05	0.010114	5.30E-01	0.448367	0.055505	6.98E-05	0.010741	0.514684
4743	487863.09	3860877.25	4.47895	12.52175	6.08564	8.64056	4.06E-01	0.05297	0.00011	0.02001	0.47899	5.12E-01	0.06686	9.67E-05	0.011683	5.91E-01	0.505	0.057505	7.9E-05	0.012408	0.574992
4744	488363.09	3860877.25	5.57294	12.59598	7.48614	10.33104	5.05E-01	0.05329	0.00014	0.02393	0.58239	6.37E-01	0.067257	0.000119	0.013969	7.19E-01	0.628347	0.057845	9.72E-05	0.014836	0.701126
4745	488863.09	3860877.25	6.51599	11.74635	8.37646	13.59463	5.90E-01	0.04969	0.00016	0.03149	0.67183	7.45E-01	0.06272	0.000133	0.018381	8.27E-01	0.734676	0.053944	0.000109	0.019523	0.808251
4746	489363.09	3860877.25	7.64325	13.95465	9.1615	15.52048	6.93E-01	0.05904	0.00017	0.03595	0.7878	8.74E-01	0.074511	0.000146	0.020985	9.70E-01	0.861774	0.064085	0.000119	0.022288	0.948266
4747	489863.09	3860877.25	8.27208	12.28486	9.16015	16.92949	7.50E-01	0.05197	0.00017	0.03921	0.84099	9.46E-01	0.065595	0.000146	0.022891	1.03E+00	0.932674	0.056417	0.000119	0.024312	1.013521
4748	490363.09	3860877.25	8.92474	12.3787	9.18012	16.87538	8.09E-01	0.05237	0.00017	0.03909	0.90041	1.02E+00	0.066096	0.000146	0.022817	1.11E+00	1.006261	0.056848	0.000119	0.024234	1.087462
4749	490863.09	3860877.25	9.39292	13.11403	9.49587	18.04516	8.51E-01	0.05548	0.00018	0.0418	0.94866	1.07E+00	0.070023	0.000151	0.024399	1.17E+00	1.059049	0.060224	0.000123	0.025914	1.14531
4750	491363.09	3860877.25	8.18355	12.28194	8.88128	16.2103	7.42E-01	0.05196	0.00017	0.03755	0.83128	9.36E-01	0.06558	0.000141	0.021918	1.02E+00	0.922692	0.056403	0.000115	0.023279	1.00249
4751	491863.09	3860877.25	7.20508	11.26889	7.93794	14.45784	6.53E-01	0.04767	0.00015	0.03349	0.73425	8.24E-01	0.06017	0.000126	0.019549	9.04E-01	0.81237	0.051751	0.000103	0.020762	0.884986
4752	492363.09	3860877.25	6.2344	10.05669	7.62487	12.84431	5.65E-01	0.04254	0.00014	0.02975	0.63741	7.13E-01	0.053698	0.000121	0.017367	7.84E-01	0.702926	0.046184	9.9E-05	0.018445	0.767655
4753	492863.09	3860877.25	5.48541	9.44967	6.99923	12.01903	4.97E-01	0.03998	0.00013	0.02784	0.56505	6.27E-01	0.050457	0.000111	0.016251	6.94E-01	0.618478	0.043396	9.09E-05	0.01726	0.679225
4754	493363.09	3860877.25	5.5007	9.36454	6.59473	11.78672	4.98E-01	0.03962	0.00012	0.0273	0.56553	6.29E-01	0.050002	0.000105	0.015937	6.95E-01	0.620202	0.043005	8.56E-05	0.016926	0.680219

4755	493863.09	3860877.25	5.48869	8.73304	7.12729	11.15346	4.97E-01	0.03695	0.00013	0.02583	0.56031	6.28E-01	0.04663	0.000113	0.015081	6.90E-01	0.618848	0.040105	9.25E-05	0.016017	0.675063
4756	494363.09	3860877.25	4.87816	8.41534	6.43971	10.72739	4.42E-01	0.0356	0.00012	0.02485	0.50264	5.58E-01	0.044934	0.000102	0.014505	6.17E-01	0.550011	0.038646	8.36E-05	0.015405	0.604146
4757	494863.09	3860877.25	4.7984	7.64972	6.33306	9.74983	4.35E-01	0.03236	0.00012	0.02258	0.4899	5.49E-01	0.040846	0.000101	0.013183	6.03E-01	0.541018	0.03513	8.22E-05	0.014001	0.590232
4758	495363.09	3860877.25	4.46954	6.67039	5.95636	8.16309	4.05E-01	0.02822	0.00011	0.01891	0.45228	5.11E-01	0.035617	9.47E-05	0.011037	5.58E-01	0.503939	0.030633	7.73E-05	0.011723	0.546372
4759	495863.09	3860877.25	3.9808	5.96568	5.31743	7.50813	3.61E-01	0.02524	1E-04	0.01739	0.40348	4.55E-01	0.031854	8.45E-05	0.010152	4.97E-01	0.448834	0.027397	6.9E-05	0.010782	0.487082
4760	496363.09	3860877.25	3.70098	5.62035	4.97191	7.32742	3.35E-01	0.02378	9.3E-05	0.01697	0.37623	4.23E-01	0.03001	7.9E-05	0.009907	4.63E-01	0.417284	0.025811	6.45E-05	0.010523	0.453682
4761	496863.09	3860877.25	3.71739	5.87979	5.07727	6.45745	3.37E-01	0.02487	9.5E-05	0.01496	0.3768	4.25E-01	0.031395	8.07E-05	0.008731	4.65E-01	0.419134	0.027002	6.59E-05	0.009273	0.455476
4762	497363.09	3860877.25	3.66219	5.82626	5.00542	6.0798	3.32E-01	0.02465	9.4E-05	0.01408	0.3707	4.19E-01	0.031109	7.96E-05	0.008221	4.58E-01	0.412911	0.026756	6.5E-05	0.008731	0.448463
4763	497863.09	3860877.25	3.78658	5.52065	5.08747	5.50221	3.43E-01	0.02336	9.5E-05	0.01274	0.37934	4.33E-01	0.029478	8.09E-05	0.00744	4.70E-01	0.426936	0.025353	6.6E-05	0.007901	0.460256
4764	498363.09	3860877.25	2.94881	4.35847	3.91543	5.80281	2.67E-01	0.01844	7.3E-05	0.01344	0.29918	3.37E-01	0.023272	6.22E-05	0.007846	3.68E-01	0.332477	0.020016	5.08E-05	0.008333	0.360877
4765	471363.09	3861377.25	1.69443	3.36893	2.28002	2.65757	1.54E-01	0.01425	4.3E-05	0.00616	0.174	1.94E-01	0.017988	3.62E-05	0.003593	2.15E-01	0.191046	0.015471	2.96E-05	0.003816	0.210364
4766	471863.09	3861377.25	1.68855	3.65244	2.23351	2.68741	1.53E-01	0.01545	4.2E-05	0.00622	0.17474	1.93E-01	0.019502	3.55E-05	0.003634	2.16E-01	0.190383	0.016773	2.9E-05	0.003859	0.211045
4767	472363.09	3861377.25	1.70476	3.89361	2.18309	2.70794	1.54E-01	0.01647	4.1E-05	0.00627	0.17727	1.95E-01	0.02079	3.47E-05	0.003661	2.19E-01	0.192211	0.017881	2.83E-05	0.003889	0.214009
4768	472863.09	3861377.25	1.65996	3.81123	2.1073	2.77463	1.50E-01	0.01612	3.9E-05	0.00643	0.17302	1.90E-01	0.02035	3.35E-05	0.003752	2.14E-01	0.18716	0.017503	2.74E-05	0.003985	0.208674
4769	473363.09	3861377.25	1.64542	3.73991	2.14726	2.79391	1.49E-01	0.01582	4E-05	0.00647	0.17144	1.88E-01	0.019969	3.41E-05	0.003778	2.12E-01	0.185521	0.017175	2.79E-05	0.004012	0.206736
4770	473863.09	3861377.25	1.70688	4.07655	2.27744	2.75935	1.55E-01	0.01725	4.3E-05	0.00639	0.17836	1.95E-01	0.021767	3.62E-05	0.003731	2.21E-01	0.19245	0.018721	2.96E-05	0.003963	0.215163
4771	474363.09	3861377.25	1.6914	3.77443	2.28609	2.8128	1.53E-01	0.01597	4.3E-05	0.00651	0.1758	1.93E-01	0.020154	3.63E-05	0.003803	2.17E-01	0.190705	0.017334	2.97E-05	0.004039	0.212107
4772	474863.09	3861377.25	1.86123	4.38595	2.4992	2.72935	1.69E-01	0.01855	4.7E-05	0.00632	0.19359	2.13E-01	0.023419	3.97E-05	0.00369	2.40E-01	0.209853	0.020142	3.24E-05	0.003919	0.233947
4773	475363.09	3861377.25	1.83566	4.52901	2.45856	2.72052	1.66E-01	0.01916	4.6E-05	0.0063	0.19186	2.10E-01	0.024183	3.91E-05	0.003678	2.38E-01	0.20697	0.020799	3.19E-05	0.003907	0.231708
4774	475863.09	3861377.25	1.92032	5.00213	2.59249	2.54102	1.74E-01	0.02116	4.9E-05	0.00589	0.20112	2.20E-01	0.026709	4.12E-05	0.003436	2.50E-01	0.216515	0.022972	3.37E-05	0.003649	0.24317
4775	476363.09	3861377.25	1.99658	5.59011	2.70135	2.32483	1.81E-01	0.02365	5.1E-05	0.00538	0.21002	2.28E-01	0.029849	4.29E-05	0.003143	2.61E-01	0.225114	0.025672	3.51E-05	0.003339	0.254159
4776	476863.09	3861377.25	2.01837	5.89854	2.76553	2.15724	1.83E-01	0.02495	5.2E-05	0.005	0.21291	2.31E-01	0.031495	4.4E-05	0.002917	2.65E-01	0.227571	0.027088	3.59E-05	0.003098	0.257793
4777	477363.09	3861377.25	2.01421	6.33328	2.77618	2.10381	1.83E-01	0.02679	5.2E-05	0.00487	0.21425	2.30E-01	0.033817	4.41E-05	0.002845	2.67E-01	0.227101	0.029085	3.6E-05	0.003021	0.259243
4778	477863.09	3861377.25	1.84402	5.86842	2.55981	1.77493	1.67E-01	0.02483	4.8E-05	0.00411	0.19609	2.11E-01	0.031335	4.07E-05	0.0024	2.45E-01	0.207913	0.02695	3.32E-05	0.002549	0.237445
4779	478363.09	3861377.25	1.30844	2.79926	1.75139	1.176	1.19E-01	0.01184	3.3E-05	0.00272	0.13317	1.50E-01	0.014947	2.78E-05	0.00159	1.66E-01	0.147526	0.012855	2.27E-05	0.001689	0.162093
4780	478863.09	3861377.25	1.52089	3.93244	2.05769	1.24915	1.38E-01	0.01664	3.9E-05	0.00289	0.15739	1.74E-01	0.020997	3.27E-05	0.001689	1.97E-01	0.17148	0.018059	2.67E-05	0.001794	0.19136
4781	479363.09	3861377.25	2.22094	7.76214	3.01504	2.19128	2.01E-01	0.03284	5.6E-05	0.00508	0.23924	2.54E-01	0.041446	4.79E-05	0.002963	2.98E-01	0.25041	0.035647	3.91E-05	0.003147	0.289243
4782	479863.09	3861377.25	2.23606	7.40838	2.95947	3.04072	2.03E-01	0.03134	5.5E-05	0.00704	0.24108	2.56E-01	0.039557	4.7E-05	0.004111	2.99E-01	0.252115	0.034022	3.84E-05	0.004367	0.290542
4783	480363.09	3861377.25	1.79288	5.50233	2.41445	3.44708	1.62E-01	0.02328	4.5E-05	0.00798	0.19378	2.05E-01	0.02938	3.84E-05	0.004661	2.39E-01	0.202147	0.025269	3.13E-05	0.00495	0.232397
4784	480863.09	3861377.25	1.84752	5.84235	2.47507	3.55509	1.67E-01	0.02472	4.6E-05	0.00823	0.20042	2.11E-01	0.031195	3.93E-05	0.004807	2.47E-01	0.208307	0.02683	3.21E-05	0.005105	0.240275
4785	481363.09	3861377.25	1.9008	6.28365	2.56581	3.72314	1.72E-01	0.02658	4.8E-05	0.00862	0.20751	2.17E-01	0.033552	4.08E-05	0.005034	2.56E-01	0.214315	0.028857	3.33E-05	0.005347	0.248551
4786	481863.09	3861377.25	1.96497	6.52682	2.66109	3.78515	1.78E-01	0.02761	5E-05	0.00877	0.2145	2.25E-01	0.03485	4.23E-05	0.005118	2.65E-01	0.22155	0.029974	3.45E-05	0.005436	0.256993
4787	482363.09	3861377.25	2.04604	6.63146	2.76142	3.92915	1.85E-01	0.02805	5.2E-05	0.0091	0.22262	2.34E-01	0.035409	4.39E-05	0.005313	2.75E-01	0.23069	0.030454	3.58E-05	0.005642	0.266823
4788	482863.09	3861377.25	2.11635	8.27607	2.85924	4.03694	1.92E-01	0.03501	5.4E-05	0.00935	0.2362	2.42E-01	0.04419	4.54E-05	0.005458	2.92E-01	0.238618	0.038007	3.71E-05	0.005797	0.282459
4789	483363.09	3861377.25	2.29501	8.82803	2.95355	4.11474	2.08E-01	0.03735	5.5E-05	0.00953	0.25491	2.62E-01	0.047137	4.69E-05	0.005564	3.15E-01	0.258762	0.040542	3.83E-05	0.005909	0.305251
4790	483863.09	3861377.25	2.59918	8.41769	3.41092	4.22658	2.36E-01	0.03561	6.4E-05	0.00979	0.28101	2.97E-01	0.044946	5.42E-05	0.005715	3.48E-01	0.293057	0.038657	4.43E-05	0.00607	0.337828
4791	484363.09	3861377.25	2.78569	9.44464	3.79259	4.91998	2.52E-01	0.03996	7.1E-05	0.0114	0.30387	3.19E-01	0.05043	6.03E-05	0.006652	3.76E-01	0.314086	0.043373	4.92E-05	0.007065	0.364573
4792	484863.09	3861377.25	2.78852	8.99956	3.80039	5.15497	2.53E-01	0.03807	7.1E-05	0.01194	0.30279	3.19E-01	0.048053	6.04E-05	0.00697	3.74E-01	0.314405	0.041329	4.93E-05	0.007403	0.363186
4793	485363.09	3861377.25	2.84468	9.68889	3.86229	5.35537	2.58E-01	0.04099	7.2E-05	0.0124	0.31126	3.25E-01	0.051734	6.14E-05	0.007241	3.84E-01	0.320737	0.044495	5.01E-05	0.007691	0.372972
4794	485863.09	3861377.25	3.02561	9.25525	4.08797	5.6418	2.74E-01	0.03915	7.7E-05	0.01307	0.32649	3.46E-01	0.049419	6.5E-05	0.007628	4.03E-01	0.341136	0.042504	5.31E-05	0.008102	0.391795
4795	486363.09	3861377.25	3.17306	10.77183	4.13089	5.9401	2.88E-01	0.04557	7.7E-05	0.01376	0.34696	3.63E-01	0.057516	6.57E-05	0.008032	4.29E-01	0.357761	0.049468	5.36E-05	0.00853	0.415814
4796	486863.09	3861377.25	3.24434	10.55716	4.39666	6.23381	2.94E-01	0.04466	8.2E-05	0.01444	0.35319	3.71E-01	0.05637	6.99E-05	0.008429	4.36E-01	0.365798	0.048482	5.71E-05	0.008952	0.42329
4797	487363.09	3861377.25	3.55538	10.48879	4.82672	6.74236	3.22E-01	0.04437	9E-05	0.01562	0.38228	4.07E-01	0.056005	7.67E-05	0.009116	4.72E-01	0.400868	0.048168	6.27E-05	0.009682	0.458781
4798	487863.09	3861377.25	3.9522	10.76436	5.35734	7.5441	3.58E-01	0.04554	0.0001	0.01747	0.42127	4.52E-01	0.057477	8.51E-05	0.0102	5.20E-01	0.445609	0.049434	6.95E-05	0.010834	0.505946
4799	488363.09	3861377.25	4.38215	10.33955	5.80166	8.71837	3.97E-01	0.04374	0.00011	0.02019	0.46116	5.01E-01	0.055208	9.22E-05	0.011788	5.68E-01	0.494086	0.047483	7.53E-05	0.01252	0.554164
4800	488863.09	3861377.25	5.46318	9.90936	7.30143	10.81989	4.95E-01	0.04192	0.00014	0.02506	0.5622	6.25E-01	0.052911	0.000116	0.01463	6.93E-01	0.615972	0.045507	9.48E-05	0.015538	0.677112
4801	489363.09	3861377.25	5.9656	10.76649	7.31427	13.4049	5.41E-01	0.04555	0.00014	0.03105	0.61735	6.82E-01	0.057488	0.000116	0.018125	7.58E-01	0.672619	0.049444	9.49E-05	0.01925	0.741408
4802	489863.09	3861377.25	6.77777	10.58585	8.00259	13.98469	6.14E-01	0.04478	0.00015	0.03239	0.69154	7.75E-01	0.056523	0.000127	0.018909	8.51E-01	0.764191	0.048614	0.000104	0.020083	0.832992
4803	490363.09	3861377.25	7.24237	10.7536	8.12503	14.96402	6.56E-01	0.04549	0.00015	0.03466	0.73662	8.28E-01	0.057419	0.000129	0.020233	9.06E-01	0.816575	0.049385	0.000105	0.021489	0.887554
4804	490863.09	3861377.25	7.64733	11.01927	7.97365	14.57521	6.93E-01	0.04662	0.00015	0.03376	0.77354	8.75E-01	0.058838	0.000127	0.019707	9.53E-01	0.862234	0.050605	0.000104	0.020931	0.933873
4805	491363.09	3861377.25	7.96279	11.50837	8.16987	15.60816	7.22E-01	0.04869	0.00015	0.03615	0.8066	9.11E-01	0.061449	0.00013	0.021104	9.93E-01	0.897802	0.052851	0.000106	0.022414	0.973173
4806	491863.09	3861377.25	7.24323	10.65131	7.73183	13.82085	6.56E-01	0.04506	0.00014	0.03201	0.73361	8.28E-01	0.056873	0.000123	0.018687	9.04E-01	0.816672	0.048915	0.0001	0.019847	0.885534
4807	492363.09	3861377.25	6.22972	9.89571	6.7827	12.63908	5.65E-01	0.04186	0.00013	0.02927	0.63582	7.13E-01	0.052838	0.000108	0.017089	7.83E-01	0.702399	0.045445	8.8E-05	0.01815	0.766082
4808	492863.09	3861377.25	5.81396	9.24732	6.83566	11.81	5.27E-01	0.03912	0.00013	0.02735	0.59348	6.65E-01	0.049376	0.000109	0.015968	7.30E-01	0.655522	0.042467	8.87E-05	0.01696	0.715038
4809	493363.09	3861377.25	5.20495	8.42658	6.31275	10.73831	4.72E-01	0.03565	0.00012	0.02487	0.53232	5.95E-01	0.044994	0.0001	0.014519	6.55E-01	0.586856	0.038698	8.19E-05	0.015421	0.641057
4810	493863.09	3861377.25	4.5251	7.96353	5.53448	10.03659	4.10E-01	0.03369	0.0001	0.02325	0.46711	5.18E-01	0.042521	8.8E-05	0.013571	5.74E-01	0.510203	0.036571	7.18E-05	0.014413	0.56126
4811	494363.09	3861377.25	4.67741	7.71523	5.62808	9.98276	4.24E-01	0.03264	0.00011	0.02312	0.47974	5.35E-01	0.041196	8.94E-05	0.013498	5.90E-01	0.527376	0.035431	7.31E-05	0.014336	0.577216
4812	494863.09	3861377.25	4.59894	7.27181	5.94161	9.37718	4.17E-01	0.03076	0.00011	0.02172	0.46936	5.26E-01	0.038828	9.44E-05	0.012679	5.78E-01	0.518529	0.033395	7.71E-05	0.013466	0.565467
4813	495363.09	3861377.25	4.13238	7.10613	5.30873	9.20457	3.74E-01	0.03006	9.9E-05	0.02132	0.42597	4.73E-01	0.037943	8.44E-05	0.012446	5.23E-01	0.465924	0.032634	6.89E-05	0.013218	0.511846
4814	495863.09	3861377.25	4.01497	6.48213	5.21454	8.42609	3.64E-01	0.02742	9.8E-05	0.01952	0.41088	4.59E-01	0.034611	8.29E-05	0.011393	5.05E-01	0.452686	0.029768	6.77E-05	0.0121	0.494623
4815	496363.09	3861377.25	3.81579	5.75691	5.03036	7.1889	3.46E-01	0.02435	9.4E-05	0.01665	0.38689	4.36E-01	0.030739	7.99E-05	0.00972	4.77E-01	0.430229	0.026438	6.53E-05	0.010324	0.467056

4816	496863.09	3861377.25	3.59282	5.46221	4.73295	6.8292	3.26E-01	0.02311	8.9E-05	0.01582	0.3646	4.11E-01	0.029166	7.52E-05	0.009234	4.49E-01	0.405089	0.025084	6.14E-05	0.009807	0.440042
4817	497363.09	3861377.25	3.32022	5.07614	4.37474	6.37074	3.01E-01	0.02147	8.2E-05	0.01476	0.3372	3.80E-01	0.027104	6.95E-05	0.008614	4.16E-01	0.374354	0.023312	5.68E-05	0.009149	0.406871
4818	497863.09	3861377.25	3.12148	4.75414	4.15016	5.89716	2.83E-01	0.02011	7.8E-05	0.01366	0.31672	3.57E-01	0.025385	6.6E-05	0.007974	3.90E-01	0.351946	0.021833	5.39E-05	0.008469	0.382301
4819	498363.09	3861377.25	3.01526	4.50051	4.06657	5.98911	2.73E-01	0.01904	7.6E-05	0.01387	0.30624	3.45E-01	0.024031	6.46E-05	0.008098	3.77E-01	0.33997	0.020668	5.28E-05	0.008601	0.369291
4820	471363.09	3861877.25	1.49999	3.41965	1.8704	2.63247	1.36E-01	0.01447	3.5E-05	0.0061	0.15653	1.72E-01	0.018259	2.97E-05	0.003559	1.93E-01	0.169123	0.015704	2.43E-05	0.00378	0.188632
4821	471863.09	3861877.25	1.48323	3.46411	1.89461	2.66759	1.34E-01	0.01465	3.5E-05	0.00618	0.15528	1.70E-01	0.018497	3.01E-05	0.003607	1.92E-01	0.167234	0.015908	2.46E-05	0.003831	0.186998
4822	472363.09	3861877.25	1.46347	3.33311	1.91168	2.68196	1.33E-01	0.0141	3.6E-05	0.00621	0.15297	1.67E-01	0.017797	3.04E-05	0.003626	1.89E-01	0.165006	0.015307	2.48E-05	0.003851	0.184189
4823	472863.09	3861877.25	1.46162	3.27096	1.94264	2.68046	1.32E-01	0.01384	3.6E-05	0.00621	0.15254	1.67E-01	0.017465	3.09E-05	0.003624	1.88E-01	0.164797	0.015021	2.52E-05	0.003849	0.183693
4824	473363.09	3861877.25	1.48428	3.18921	1.97846	2.68162	1.35E-01	0.01349	3.7E-05	0.00621	0.15425	1.70E-01	0.017029	3.14E-05	0.003626	1.90E-01	0.167352	0.014646	2.57E-05	0.003851	0.185875
4825	473863.09	3861877.25	1.54417	3.34397	2.04167	2.62533	1.40E-01	0.01415	3.8E-05	0.00608	0.1602	1.77E-01	0.017855	3.24E-05	0.00355	1.98E-01	0.174105	0.015357	2.65E-05	0.00377	0.193258
4826	474363.09	3861877.25	1.56903	3.62234	2.08327	2.62537	1.42E-01	0.01532	3.9E-05	0.00608	0.16363	1.79E-01	0.019342	3.31E-05	0.00355	2.02E-01	0.176908	0.016635	2.7E-05	0.00377	0.19734
4827	474863.09	3861877.25	1.59556	3.65105	2.13049	2.62459	1.45E-01	0.01545	4E-05	0.00608	0.16616	1.82E-01	0.019495	3.39E-05	0.003549	2.06E-01	0.179899	0.016767	2.77E-05	0.003769	0.200463
4828	475363.09	3861877.25	1.5973	3.78577	2.14167	2.65496	1.45E-01	0.01602	4E-05	0.00615	0.16696	1.83E-01	0.020214	3.4E-05	0.00359	2.07E-01	0.180095	0.017386	2.78E-05	0.003813	0.201321
4829	475863.09	3861877.25	1.58526	3.94033	2.16499	2.70377	1.44E-01	0.01667	4.1E-05	0.00626	0.16663	1.81E-01	0.021039	3.44E-05	0.003656	2.06E-01	0.178738	0.018095	2.81E-05	0.003883	0.200744
4830	476363.09	3861877.25	1.57311	4.06892	2.17351	2.68017	1.43E-01	0.01721	4.1E-05	0.00621	0.16602	1.80E-01	0.021726	3.45E-05	0.003624	2.05E-01	0.177368	0.018686	2.82E-05	0.003849	0.199931
4831	476863.09	3861877.25	1.7139	4.931	2.32108	2.59751	1.55E-01	0.02086	4.3E-05	0.00602	0.18224	1.96E-01	0.026329	3.69E-05	0.003512	2.26E-01	0.193242	0.022645	3.01E-05	0.00373	0.219647
4832	477363.09	3861877.25	1.83947	5.92329	2.46763	2.40171	1.67E-01	0.02506	4.6E-05	0.00556	0.19736	2.10E-01	0.031628	3.92E-05	0.003247	2.45E-01	0.2074	0.027202	3.2E-05	0.003449	0.238083
4833	477863.09	3861877.25	1.90212	5.9515	2.50671	1.84111	1.72E-01	0.02518	4.7E-05	0.00426	0.20186	2.18E-01	0.031778	3.98E-05	0.002489	2.52E-01	0.214463	0.027331	3.25E-05	0.002644	0.244471
4834	478363.09	3861877.25	1.04684	2.46421	1.37326	1.14316	9.49E-02	0.01042	2.6E-05	0.00265	0.10797	1.20E-01	0.013158	2.18E-05	0.001546	1.34E-01	0.118031	0.011317	1.78E-05	0.001642	0.131007
4835	478863.09	3861877.25	1.62118	4.56673	2.23613	1.36441	1.47E-01	0.01932	4.2E-05	0.00316	0.16944	1.85E-01	0.024384	3.55E-05	0.001845	2.12E-01	0.182787	0.020972	2.9E-05	0.001959	0.205748
4836	479363.09	3861877.25	1.53543	4.1596	2.0927	1.15706	1.39E-01	0.0176	3.9E-05	0.00268	0.15946	1.76E-01	0.02221	3.33E-05	0.001564	1.99E-01	0.173119	0.019102	2.72E-05	0.001662	0.19391
4837	479863.09	3861877.25	2.20094	6.1411	2.92786	2.90396	1.99E-01	0.02598	5.5E-05	0.00673	0.23221	2.52E-01	0.032791	4.65E-05	0.003926	2.89E-01	0.248155	0.028202	3.8E-05	0.00417	0.280566
4838	480363.09	3861877.25	1.70491	5.29425	2.29496	3.32647	1.55E-01	0.0224	4.3E-05	0.0077	0.18465	1.95E-01	0.028269	3.65E-05	0.004498	2.28E-01	0.192228	0.024313	2.98E-05	0.004777	0.221348
4839	480863.09	3861877.25	1.74923	5.53279	2.35531	3.47785	1.59E-01	0.02341	4.4E-05	0.00806	0.19002	2.00E-01	0.029542	3.74E-05	0.004702	2.34E-01	0.197225	0.025409	3.06E-05	0.004994	0.227659
4840	481363.09	3861877.25	1.80237	5.55697	2.44205	3.55669	1.63E-01	0.02351	4.6E-05	0.00824	0.19513	2.06E-01	0.029672	3.88E-05	0.004809	2.41E-01	0.203217	0.02552	3.17E-05	0.005108	0.233876
4841	481863.09	3861877.25	1.86559	5.75981	2.5252	3.64535	1.69E-01	0.02437	4.7E-05	0.00844	0.20192	2.13E-01	0.030755	4.01E-05	0.004929	2.49E-01	0.210345	0.026451	3.28E-05	0.005235	0.242064
4842	482363.09	3861877.25	1.936	7.21722	2.61594	3.75854	1.75E-01	0.03053	4.9E-05	0.00871	0.21473	2.21E-01	0.038536	4.16E-05	0.005082	2.65E-01	0.218283	0.033144	3.4E-05	0.005397	0.256859
4843	482863.09	3861877.25	1.99679	7.13867	2.69579	3.82194	1.81E-01	0.0302	5E-05	0.00885	0.22006	2.28E-01	0.038117	4.28E-05	0.005168	2.72E-01	0.225137	0.032783	3.5E-05	0.005489	0.263444
4844	483363.09	3861877.25	2.21843	7.87673	2.77015	3.9019	2.01E-01	0.03332	5.2E-05	0.00904	0.24345	2.54E-01	0.042058	4.4E-05	0.005276	3.01E-01	0.250127	0.036173	3.6E-05	0.005603	0.291939
4845	483863.09	3861877.25	2.50213	8.04286	3.31303	3.96365	2.27E-01	0.03403	6.2E-05	0.00918	0.27002	2.86E-01	0.042945	5.27E-05	0.005359	3.35E-01	0.282114	0.036936	4.3E-05	0.005692	0.324785
4846	484363.09	3861877.25	2.61661	7.74096	3.56587	4.80376	2.37E-01	0.03275	6.7E-05	0.01113	0.28106	2.99E-01	0.041333	5.67E-05	0.006495	3.47E-01	0.295022	0.035549	4.63E-05	0.006898	0.337516
4847	484863.09	3861877.25	2.71162	8.73578	3.69563	5.01307	2.46E-01	0.03696	6.9E-05	0.01161	0.29437	3.10E-01	0.046645	5.87E-05	0.006778	3.64E-01	0.305734	0.040118	4.8E-05	0.007199	0.353099
4848	485363.09	3861877.25	2.75511	8.10486	3.74618	5.18502	2.50E-01	0.03429	7E-05	0.01201	0.29604	3.15E-01	0.043276	5.95E-05	0.007011	3.65E-01	0.310638	0.037221	4.86E-05	0.007446	0.355353
4849	485863.09	3861877.25	2.83633	8.8203	3.85236	5.35437	2.57E-01	0.03731	7.2E-05	0.0124	0.30682	3.24E-01	0.047096	6.12E-05	0.00724	3.79E-01	0.319795	0.040506	5E-05	0.007689	0.36804
4850	486363.09	3861877.25	2.94207	9.24268	3.78355	5.55507	2.67E-01	0.0391	7.1E-05	0.01287	0.31866	3.37E-01	0.049351	6.01E-05	0.007511	3.93E-01	0.331717	0.042446	4.91E-05	0.007977	0.38219
4851	486863.09	3861877.25	2.97689	9.13738	4.03275	5.85753	2.70E-01	0.03866	7.5E-05	0.01357	0.32207	3.40E-01	0.048789	6.41E-05	0.00792	3.97E-01	0.335643	0.041962	5.23E-05	0.008412	0.38607
4852	487363.09	3861877.25	3.20996	9.2741	4.33894	6.14047	2.91E-01	0.03923	8.1E-05	0.01422	0.34443	3.67E-01	0.049519	6.9E-05	0.008303	4.25E-01	0.361922	0.04259	5.63E-05	0.008818	0.413386
4853	487863.09	3861877.25	3.53842	9.91093	4.79921	6.67845	3.21E-01	0.04193	9E-05	0.01547	0.37815	4.05E-01	0.05292	7.63E-05	0.00903	4.67E-01	0.398956	0.045515	6.23E-05	0.009591	0.454123
4854	488363.09	3861877.25	3.88172	9.40069	5.25142	7.5743	3.52E-01	0.03977	9.8E-05	0.01754	0.40918	4.44E-01	0.050195	8.35E-05	0.010241	5.05E-01	0.437663	0.043171	6.82E-05	0.010877	0.491779
4855	488863.09	3861877.25	4.4175	9.12856	5.89335	8.4947	4.00E-01	0.03862	0.00011	0.01968	0.45873	5.05E-01	0.048742	9.37E-05	0.011486	5.66E-01	0.498072	0.041922	7.65E-05	0.012199	0.552269
4856	489363.09	3861877.25	5.23746	8.76602	6.6676	11.24563	4.75E-01	0.03708	0.00012	0.02605	0.53789	5.99E-01	0.046806	0.000106	0.015205	6.61E-01	0.590522	0.040257	8.65E-05	0.016149	0.647015
4857	489863.09	3861877.25	5.57096	10.52304	7.10718	12.50507	5.05E-01	0.04452	0.00013	0.02896	0.57847	6.37E-01	0.056188	0.000113	0.016908	7.10E-01	0.628124	0.048326	9.23E-05	0.017958	0.6945
4858	490363.09	3861877.25	6.06473	8.96452	7.19285	12.15668	5.50E-01	0.03792	0.00013	0.02816	0.61581	6.94E-01	0.047866	0.000114	0.016437	7.58E-01	0.683796	0.041168	9.34E-05	0.017458	0.742516
4859	490863.09	3861877.25	6.44138	9.11922	7.23228	12.80862	5.84E-01	0.03858	0.00014	0.02967	0.65211	7.37E-01	0.048692	0.000115	0.017319	8.03E-01	0.726263	0.041879	9.39E-05	0.018394	0.78663
4860	491363.09	3861877.25	6.5972	9.71292	7.00088	12.64155	5.98E-01	0.04109	0.00013	0.02928	0.66835	7.55E-01	0.051862	0.000111	0.017093	8.24E-01	0.743832	0.044605	9.09E-05	0.018154	0.806682
4861	491863.09	3861877.25	6.82906	10.09591	7.13121	13.50562	6.19E-01	0.04271	0.00013	0.03128	0.69299	7.81E-01	0.053907	0.000113	0.018261	8.53E-01	0.769974	0.046364	9.26E-05	0.019395	0.835826
4862	492363.09	3861877.25	6.26305	9.03417	6.67144	11.66078	5.68E-01	0.03822	0.00012	0.02701	0.63292	7.16E-01	0.048238	0.000106	0.015767	7.80E-01	0.706157	0.041488	8.66E-05	0.016745	0.764477
4863	492863.09	3861877.25	5.36067	8.89929	6.10218	11.4252	4.86E-01	0.03765	0.00011	0.02646	0.55002	6.13E-01	0.047518	9.7E-05	0.015448	6.76E-01	0.604414	0.040869	7.92E-05	0.016407	0.661769
4864	493363.09	3861877.25	5.24898	8.19369	5.87371	10.51165	4.76E-01	0.03466	0.00011	0.02435	0.53479	6.00E-01	0.04375	9.34E-05	0.014213	6.58E-01	0.591821	0.037628	7.62E-05	0.015095	0.644621
4865	493863.09	3861877.25	4.69959	7.50175	5.50421	9.48505	4.26E-01	0.03174	0.0001	0.02197	0.4797	5.38E-01	0.040056	8.75E-05	0.012825	5.90E-01	0.529877	0.034451	7.14E-05	0.013621	0.57802
4866	494363.09	3861877.25	4.20984	7.05554	5.21449	8.92151	3.82E-01	0.02985	9.8E-05	0.02066	0.43211	4.82E-01	0.037673	8.29E-05	0.012063	5.31E-01	0.474658	0.032402	6.77E-05	0.012812	0.519939
4867	494863.09	3861877.25	4.01809	6.94711	4.73117	8.72748	3.64E-01	0.02939	8.9E-05	0.02021	0.41382	4.60E-01	0.037094	7.52E-05	0.011801	5.09E-01	0.453038	0.031904	6.14E-05	0.012533	0.497537
4868	495363.09	3861877.25	4.13628	6.69387	4.97065	8.62723	3.75E-01	0.02832	9.3E-05	0.01998	0.42323	4.73E-01	0.035742	7.9E-05	0.011665	5.21E-01	0.466364	0.030741	6.45E-05	0.012389	0.509559
4869	495863.09	3861877.25	3.94224	6.29616	5.04776	8.07959	3.57E-01	0.02664	9.4E-05	0.01871	0.4027	4.51E-01	0.033618	8.02E-05	0.010924	4.96E-01	0.444486	0.028914	6.55E-05	0.011603	0.485069
4870	496363.09	3861877.25	3.63873	6.24064	4.60923	8.08139	3.30E-01	0.0264	8.6E-05	0.01872	0.37495	4.16E-01	0.033322	7.33E-05	0.010927	4.61E-01	0.410266	0.028659	5.98E-05	0.011605	0.45059
4871	496863.09	3861877.25	3.91286	6.43029	5.03854	8.39479	3.55E-01	0.0272	9.4E-05	0.01944	0.40133	4.48E-01	0.034335	8.01E-05	0.011351	4.93E-01	0.441174	0.02953	6.54E-05	0.012055	0.482825
4872	497363.09	3861877.25	3.46103	5.32176	4.50733	6.53946	3.14E-01	0.02251	8.4E-05	0.01515	0.35139	3.96E-01	0.028416	7.16E-05	0.008842	4.33E-01	0.39023	0.024439	5.85E-05	0.009391	0.424119
4873	497863.09	3861877.25	3.09309	4.76469	4.01076	6.08396	2.80E-01	0.02016	7.5E-05	0.01409	0.31463	3.54E-01	0.025441	6.37E-05	0.008226	3.88E-01	0.348745	0.021881	5.21E-05	0.008737	0.379415
4874	498363.09	3861877.25	2.85207	4.41106	3.70588	5.7538	2.58E-01	0.01866	6.9E-05	0.01333	0.29052	3.26E-01	0.023553	5.89E-05	0.00778	3.58E-01	0.32157	0.020257	4.81E-05	0.008263	0.350138
4875	471363.09	3862377.25	1.31027	2.90962	1.74549	2.54588	1.19E-01	0.01231	3.3E-05	0.0059	0.13698	1.50E-01	0.015536	2.77E-05	0.003442	1.69E-01	0.147732	0.013362	2.27E-05	0.003656	0.164773
4876	471863.09	3862377.25	1.34491	2.7761	1.79487	2.49859	1.22E-01	0.01174	3.4E-05	0.00579	0.13944	1.54E-01	0.014823	2.85E-05	0.003378	1.72E-01	0.151638	0.012749	2.33E-05	0.003588	0.167998

4877	472363.09	3862377.25	1.34672	2.90349	1.81629	2.4797	1.22E-01	0.01228	3.4E-05	0.00574	0.1401	1.54E-01	0.015503	2.89E-05	0.003353	1.73E-01	0.151842	0.013334	2.36E-05	0.003561	0.168761
4878	472863.09	3862377.25	1.37143	2.98161	1.85233	2.51559	1.24E-01	0.01261	3.5E-05	0.00583	0.14276	1.57E-01	0.01592	2.94E-05	0.003401	1.76E-01	0.154628	0.013693	2.4E-05	0.003613	0.171957
4879	473363.09	3862377.25	1.395	3.12404	1.89255	2.53901	1.26E-01	0.01322	3.5E-05	0.00588	0.14555	1.60E-01	0.016681	3.01E-05	0.003433	1.80E-01	0.157286	0.014347	2.46E-05	0.003646	0.175303
4880	473863.09	3862377.25	1.4104	3.29001	1.92404	2.55557	1.28E-01	0.01392	3.6E-05	0.00592	0.14769	1.61E-01	0.017567	3.06E-05	0.003455	1.82E-01	0.159022	0.015109	2.5E-05	0.00367	0.177826
4881	474363.09	3862377.25	1.45158	3.44242	1.94499	2.55651	1.32E-01	0.01456	3.6E-05	0.00592	0.15207	1.66E-01	0.018381	3.09E-05	0.003457	1.88E-01	0.163665	0.015809	2.52E-05	0.003671	0.183171
4882	474863.09	3862377.25	1.49036	3.55519	2.01688	2.54622	1.35E-01	0.01504	3.8E-05	0.0059	0.15604	1.70E-01	0.018983	3.21E-05	0.003443	1.93E-01	0.168038	0.016327	2.62E-05	0.003657	0.188047
4883	475363.09	3862377.25	1.47039	3.6155	2.02306	2.59806	1.33E-01	0.0153	3.8E-05	0.00602	0.1546	1.68E-01	0.019305	3.22E-05	0.003513	1.91E-01	0.165786	0.016604	2.63E-05	0.003731	0.186147
4884	475863.09	3862377.25	1.46537	3.71045	2.00892	2.62482	1.33E-01	0.0157	3.8E-05	0.00608	0.15461	1.68E-01	0.019812	3.19E-05	0.003549	1.91E-01	0.16522	0.01704	2.61E-05	0.003769	0.186055
4885	476363.09	3862377.25	1.48666	4.10867	2.04041	2.65135	1.35E-01	0.01738	3.8E-05	0.00614	0.15829	1.70E-01	0.021938	3.24E-05	0.003585	1.96E-01	0.16762	0.018869	2.65E-05	0.003807	0.190323
4886	476863.09	3862377.25	1.51193	4.43551	2.05929	2.64795	1.37E-01	0.01876	3.9E-05	0.00613	0.16195	1.73E-01	0.023683	3.27E-05	0.00358	2.00E-01	0.17047	0.02037	2.67E-05	0.003803	0.194668
4887	477363.09	3862377.25	1.62626	5.26369	2.22991	2.58484	1.47E-01	0.02227	4.2E-05	0.00599	0.17567	1.86E-01	0.028106	3.54E-05	0.003495	2.18E-01	0.18336	0.024173	2.89E-05	0.003712	0.211274
4888	477863.09	3862377.25	1.93903	5.97055	2.61525	1.98734	1.76E-01	0.02526	4.9E-05	0.0046	0.20563	2.22E-01	0.03188	4.16E-05	0.002687	2.56E-01	0.218625	0.027419	3.39E-05	0.002854	0.248932
4889	478363.09	3862377.25	1.72576	4.62256	2.34738	1.63413	1.56E-01	0.01956	4.4E-05	0.00378	0.17978	1.97E-01	0.024682	3.73E-05	0.00221	2.24E-01	0.194579	0.021229	3.05E-05	0.002347	0.218185
4890	478863.09	3862377.25	1.75692	5.35942	2.44371	1.64251	1.59E-01	0.02267	4.6E-05	0.0038	0.18574	2.01E-01	0.028617	3.88E-05	0.002221	2.32E-01	0.198092	0.024612	3.17E-05	0.002359	0.225095
4891	479363.09	3862377.25	1.9857	6.1055	2.72742	1.9031	1.80E-01	0.02583	5.1E-05	0.00441	0.21024	2.27E-01	0.0326	4.33E-05	0.002573	2.62E-01	0.223887	0.028039	3.54E-05	0.002733	0.254694
4892	479863.09	3862377.25	1.81959	5.47186	2.4121	2.94669	1.65E-01	0.02315	4.5E-05	0.00683	0.19491	2.08E-01	0.029217	3.83E-05	0.003984	2.41E-01	0.205158	0.025129	3.13E-05	0.004232	0.23455
4893	480363.09	3862377.25	1.61928	4.88883	2.18072	3.24576	1.47E-01	0.02068	4.1E-05	0.00752	0.17498	1.85E-01	0.026104	3.47E-05	0.004389	2.16E-01	0.182573	0.022451	2.83E-05	0.004661	0.209714
4894	480863.09	3862377.25	1.66555	4.94534	2.25694	3.35029	1.51E-01	0.02092	4.2E-05	0.00776	0.17966	1.91E-01	0.026406	3.59E-05	0.00453	2.21E-01	0.18779	0.022711	2.93E-05	0.004811	0.215342
4895	481363.09	3862377.25	1.72014	5.13824	2.33083	3.39307	1.56E-01	0.02174	4.4E-05	0.00786	0.18552	1.97E-01	0.027436	3.7E-05	0.004588	2.29E-01	0.193945	0.023597	3.03E-05	0.004873	0.222445
4896	481863.09	3862377.25	1.77343	6.33936	2.3886	3.50015	1.61E-01	0.02682	4.5E-05	0.00811	0.19568	2.03E-01	0.033849	3.8E-05	0.004733	2.41E-01	0.199954	0.029113	3.1E-05	0.005026	0.234124
4897	482363.09	3862377.25	1.82685	6.1707	2.46432	3.57825	1.66E-01	0.02611	4.6E-05	0.00829	0.19999	2.09E-01	0.032949	3.92E-05	0.004838	2.47E-01	0.205977	0.028338	3.2E-05	0.005139	0.239485
4898	482863.09	3862377.25	1.86943	6.24979	2.51914	3.63134	1.69E-01	0.02644	4.7E-05	0.00841	0.20431	2.14E-01	0.033371	4E-05	0.00491	2.52E-01	0.210778	0.028701	3.27E-05	0.005215	0.244726
4899	483363.09	3862377.25	2.15907	7.56552	2.62889	3.69054	1.96E-01	0.03201	4.9E-05	0.00855	0.23626	2.47E-01	0.040396	4.18E-05	0.00499	2.92E-01	0.243434	0.034744	3.41E-05	0.0053	0.283512
4900	483863.09	3862377.25	2.38309	7.04461	3.17898	3.79937	2.16E-01	0.0298	6E-05	0.0088	0.25462	2.73E-01	0.037615	5.05E-05	0.005137	3.15E-01	0.268693	0.032351	4.13E-05	0.005456	0.306541
4901	484363.09	3862377.25	2.52979	7.31177	3.44891	4.67639	2.29E-01	0.03093	6.5E-05	0.01083	0.27108	2.89E-01	0.039041	5.48E-05	0.006323	3.35E-01	0.285233	0.033578	4.48E-05	0.006716	0.325572
4902	484863.09	3862377.25	2.54729	7.68638	3.47408	4.74933	2.31E-01	0.03252	6.5E-05	0.011	0.27442	2.91E-01	0.041042	5.52E-05	0.006422	3.39E-01	0.287206	0.035299	4.51E-05	0.00682	0.32937
4903	485363.09	3862377.25	2.5926	6.86106	3.53057	4.90812	2.35E-01	0.02903	6.6E-05	0.01137	0.27541	2.97E-01	0.036635	5.61E-05	0.006636	3.40E-01	0.292315	0.031509	4.58E-05	0.007048	0.330917
4904	485863.09	3862377.25	2.70934	7.98696	3.6797	5.14723	2.46E-01	0.03379	6.9E-05	0.01192	0.29131	3.10E-01	0.042647	5.85E-05	0.00696	3.60E-01	0.305477	0.036679	4.78E-05	0.007392	0.349596
4905	486363.09	3862377.25	2.73757	8.20083	3.5082	5.21095	2.48E-01	0.03469	6.6E-05	0.01207	0.29491	3.13E-01	0.043789	5.58E-05	0.007046	3.64E-01	0.30866	0.037661	4.55E-05	0.007483	0.35385
4906	486863.09	3862377.25	2.75592	7.92138	3.73225	5.49786	2.50E-01	0.03351	7E-05	0.01273	0.29606	3.15E-01	0.042296	5.93E-05	0.007434	3.65E-01	0.310729	0.036378	4.84E-05	0.007895	0.355051
4907	487363.09	3862377.25	2.94108	8.21659	3.99538	5.66635	2.67E-01	0.03476	7.5E-05	0.01312	0.31449	3.36E-01	0.043873	6.35E-05	0.007662	3.88E-01	0.331606	0.037734	5.19E-05	0.008137	0.377528
4908	487863.09	3862377.25	3.19776	8.79239	4.3446	6.11852	2.90E-01	0.0372	8.1E-05	0.01417	0.34124	3.66E-01	0.046947	6.9E-05	0.008273	4.21E-01	0.360546	0.040378	5.64E-05	0.008787	0.409767
4909	488363.09	3862377.25	3.47884	8.07544	4.68715	6.74268	3.15E-01	0.03416	8.8E-05	0.01562	0.36513	3.98E-01	0.043119	7.45E-05	0.009117	4.50E-01	0.392238	0.037085	6.08E-05	0.009683	0.439067
4910	488863.09	3862377.25	3.78739	7.9122	4.98161	7.67562	3.43E-01	0.03347	9.3E-05	0.01778	0.39457	4.33E-01	0.042247	7.92E-05	0.010378	4.86E-01	0.427027	0.036336	6.47E-05	0.011023	0.47445
4911	489363.09	3862377.25	4.51876	7.60263	5.97472	8.78449	4.09E-01	0.03216	0.00011	0.02035	0.46212	5.17E-01	0.040594	9.5E-05	0.011878	5.69E-01	0.509489	0.034914	7.76E-05	0.012615	0.557095
4912	489863.09	3862377.25	4.94254	8.37187	6.21443	11.40441	4.48E-01	0.03542	0.00012	0.02641	0.50985	5.65E-01	0.044702	9.88E-05	0.01542	6.26E-01	0.55727	0.038447	8.07E-05	0.016377	0.612174
4913	490363.09	3862377.25	5.41437	8.81975	6.55827	11.14769	4.91E-01	0.03731	0.00012	0.02582	0.55392	6.19E-01	0.047093	0.000104	0.015073	6.82E-01	0.610468	0.040504	8.51E-05	0.016009	0.667066
4914	490863.09	3862377.25	5.69899	8.22526	6.62136	11.37024	5.16E-01	0.0348	0.00012	0.02634	0.57771	6.52E-01	0.043919	0.000105	0.015374	7.11E-01	0.642559	0.037773	8.59E-05	0.016328	0.696747
4915	491363.09	3862377.25	5.94143	8.07462	6.65014	11.20916	5.38E-01	0.03416	0.00012	0.02596	0.59867	6.80E-01	0.043115	0.000106	0.015156	7.38E-01	0.669894	0.037082	8.63E-05	0.016097	0.723159
4916	491863.09	3862377.25	5.86199	8.75029	6.27526	11.26447	5.31E-01	0.03702	0.00012	0.02609	0.59445	6.70E-01	0.046722	9.97E-05	0.015231	7.33E-01	0.660937	0.040185	8.15E-05	0.016176	0.71738
4917	492363.09	3862377.25	5.9492	8.99205	6.3447	11.93394	5.39E-01	0.03804	0.00012	0.02764	0.60493	6.80E-01	0.048013	0.000101	0.016136	7.45E-01	0.67077	0.041295	8.24E-05	0.017138	0.729285
4918	492863.09	3862377.25	5.52905	8.07773	6.06869	10.3287	5.01E-01	0.03417	0.00011	0.02392	0.55926	6.32E-01	0.043131	9.65E-05	0.013966	6.90E-01	0.623398	0.037096	7.88E-05	0.014833	0.675406
4919	493363.09	3862377.25	5.00701	8.15706	5.66708	10.33842	4.54E-01	0.03451	0.00011	0.02395	0.51231	5.73E-01	0.043555	9.01E-05	0.013979	6.30E-01	0.564539	0.03746	7.36E-05	0.014847	0.616919
4920	493863.09	3862377.25	4.68401	7.41646	5.20362	9.30364	4.24E-01	0.03138	9.7E-05	0.02155	0.4775	5.36E-01	0.0396	8.27E-05	0.01258	5.88E-01	0.528121	0.034059	6.75E-05	0.013361	0.575608
4921	494363.09	3862377.25	4.39515	6.99763	5.19293	8.72988	3.98E-01	0.0296	9.7E-05	0.02022	0.44822	5.03E-01	0.037364	8.25E-05	0.011804	5.52E-01	0.495552	0.032136	6.74E-05	0.012537	0.540291
4922	494863.09	3862377.25	4.06981	6.57402	4.83283	8.29011	3.69E-01	0.02781	9E-05	0.0192	0.41592	4.65E-01	0.035102	7.68E-05	0.011209	5.12E-01	0.45887	0.03019	6.27E-05	0.011905	0.501028
4923	495363.09	3862377.25	3.51972	6.25236	4.27451	7.84992	3.19E-01	0.02645	8E-05	0.01818	0.36368	4.03E-01	0.033385	6.79E-05	0.010614	4.47E-01	0.396847	0.028713	5.55E-05	0.011273	0.436889
4924	495863.09	3862377.25	3.58535	6.05498	4.14938	7.55668	3.25E-01	0.02562	7.8E-05	0.0175	0.36811	4.10E-01	0.032331	6.59E-05	0.010217	4.53E-01	0.404247	0.027807	5.39E-05	0.010852	0.442959
4925	496363.09	3862377.25	3.66065	5.87802	4.40462	7.56188	3.32E-01	0.02487	8.2E-05	0.01751	0.3742	4.19E-01	0.031386	7E-05	0.010224	4.60E-01	0.412737	0.026994	5.72E-05	0.010859	0.450648
4926	496863.09	3862377.25	3.45166	5.63055	4.42292	7.16334	3.13E-01	0.02382	8.3E-05	0.01659	0.35329	3.95E-01	0.030064	7.03E-05	0.009686	4.35E-01	0.389173	0.025858	5.74E-05	0.010287	0.425375
4927	497363.09	3862377.25	3.22026	5.53823	4.04472	7.15999	2.92E-01	0.02343	7.6E-05	0.01658	0.33192	3.68E-01	0.029571	6.43E-05	0.009681	4.08E-01	0.363083	0.025434	5.25E-05	0.010282	0.398851
4928	497863.09	3862377.25	3.13719	5.19916	3.97267	6.6903	2.84E-01	0.022	7.4E-05	0.0155	0.32186	3.59E-01	0.027761	6.31E-05	0.009046	3.96E-01	0.353717	0.023876	5.16E-05	0.009608	0.387253
4929	498363.09	3862377.25	2.91821	4.61175	3.75668	5.70606	2.64E-01	0.01951	7E-05	0.01322	0.29725	3.34E-01	0.024625	5.97E-05	0.007715	3.66E-01	0.329027	0.021179	4.88E-05	0.008194	0.358449
4930	471363.09	3862877.25	1.24706	2.62294	1.69232	2.36452	1.13E-01	0.0111	3.2E-05	0.00548	0.12962	1.43E-01	0.014005	2.69E-05	0.003197	1.60E-01	0.140606	0.012046	2.2E-05	0.003396	0.156069
4931	471863.09	3862877.25	1.27271	2.68741	1.72615	2.39938	1.15E-01	0.01137	3.2E-05	0.00556	0.13229	1.46E-01	0.014349	2.74E-05	0.003244	1.63E-01	0.143498	0.012342	2.24E-05	0.003446	0.159307
4932	472363.09	3862877.25	1.29286	2.76012	1.75895	2.42983	1.17E-01	0.01168	3.3E-05	0.00563	0.1345	1.48E-01	0.014738	2.8E-05	0.003285	1.66E-01	0.14577	0.012675	2.28E-05	0.003489	0.161957
4933	472863.09	3862877.25	1.30713	3.00677	1.78263	2.4418	1.18E-01	0.01272	3.3E-05	0.00566	0.13686	1.50E-01	0.016055	2.83E-05	0.003302	1.69E-01	0.147378	0.013808	2.31E-05	0.003507	0.164716
4934	473363.09	3862877.25	1.33415	3.14742	1.79769	2.45668	1.21E-01	0.01332	3.4E-05	0.00569	0.13994	1.53E-01	0.016806	2.86E-05	0.003322	1.73E-01	0.150425	0.014454	2.33E-05	0.003528	0.16843
4935	473863.09	3862877.25	1.35979	3.16718	1.82922	2.46449	1.23E-01	0.0134	3.4E-05	0.00571	0.14237	1.56E-01	0.016911	2.91E-05	0.003332	1.76E-01	0.153316	0.014545	2.37E-05	0.003539	0.171424
4936	474363.09	3862877.25	1.37264	3.11641	1.8828	2.4704	1.24E-01	0.01318	3.5E-05	0.00572	0.14333	1.57E-01	0.01664	2.99E-05	0.00334	1.77E-01	0.154765	0.014312	2.44E-05	0.003548	0.172648
4937	474863.09	3862877.25	1.36894	3.48397	1.8861	2.46477	1.24E-01	0.01474	3.5E-05	0.00571	0.14454	1.57E-01	0.018603	3E-05	0.003333	1.79E-01	0.154348	0.016	2.45E-05	0.00354	0.173911

4938	475363.09	3862877.25	1.38929	3.64617	1.84644	2.52069	1.26E-01	0.01543	3.5E-05	0.00584	0.1472	1.59E-01	0.019469	2.93E-05	0.003408	1.82E-01	0.156642	0.016745	2.4E-05	0.00362	0.17703
4939	475863.09	3862877.25	1.39675	3.8955	1.90322	2.55238	1.27E-01	0.01648	3.6E-05	0.00591	0.149	1.60E-01	0.0208	3.02E-05	0.003451	1.84E-01	0.157483	0.01789	2.47E-05	0.003665	0.179063
4940	476363.09	3862877.25	1.41589	4.00739	1.94554	2.57035	1.28E-01	0.01695	3.6E-05	0.00595	0.15125	1.62E-01	0.021398	3.09E-05	0.003475	1.87E-01	0.159641	0.018403	2.53E-05	0.003691	0.181761
4941	476863.09	3862877.25	1.45392	4.05435	1.99472	2.57636	1.32E-01	0.01715	3.7E-05	0.00597	0.15491	1.66E-01	0.021648	3.17E-05	0.003484	1.91E-01	0.163929	0.018619	2.59E-05	0.0037	0.186274
4942	477363.09	3862877.25	1.51456	4.03195	2.05156	2.535	1.37E-01	0.01706	3.8E-05	0.00587	0.16022	1.73E-01	0.021529	3.26E-05	0.003428	1.98E-01	0.170766	0.018516	2.66E-05	0.00364	0.192949
4943	477863.09	3862877.25	1.79477	4.7947	2.38785	2.49136	1.63E-01	0.02028	4.5E-05	0.00577	0.18875	2.05E-01	0.025601	3.8E-05	0.003369	2.34E-01	0.20236	0.022019	3.1E-05	0.003578	0.227987
4944	478363.09	3862877.25	1.88789	5.24366	2.56542	1.90367	1.71E-01	0.02218	4.8E-05	0.00441	0.19773	2.16E-01	0.027999	4.08E-05	0.002574	2.47E-01	0.212859	0.024081	3.33E-05	0.002734	0.239707
4945	478863.09	3862877.25	1.93988	5.64104	2.64873	1.95908	1.76E-01	0.02386	5E-05	0.00454	0.20425	2.22E-01	0.03012	4.21E-05	0.002649	2.55E-01	0.218721	0.025906	3.44E-05	0.002813	0.247474
4946	479363.09	3862877.25	2.01174	5.67251	2.74066	2.0469	1.82E-01	0.024	5.1E-05	0.00474	0.2111	2.30E-01	0.030288	4.36E-05	0.002768	2.63E-01	0.226823	0.02605	3.56E-05	0.002939	0.255848
4947	479863.09	3862877.25	1.5112	4.37497	2.03901	3.01196	1.37E-01	0.01851	3.8E-05	0.00698	0.16247	1.73E-01	0.02336	3.24E-05	0.004072	2.00E-01	0.170387	0.020091	2.65E-05	0.004325	0.194831
4948	480363.09	3862877.25	1.54982	4.5376	2.09464	3.15908	1.40E-01	0.0192	3.9E-05	0.00732	0.167	1.77E-01	0.024229	3.33E-05	0.004271	2.06E-01	0.174742	0.020838	2.72E-05	0.004537	0.200144
4949	480863.09	3862877.25	1.60026	4.80499	2.16924	3.20473	1.45E-01	0.02033	4.1E-05	0.00742	0.17281	1.83E-01	0.025656	3.45E-05	0.004333	2.13E-01	0.180429	0.022066	2.82E-05	0.004602	0.207125
4950	481363.09	3862877.25	1.6328	5.62962	2.21273	3.24242	1.48E-01	0.02382	4.1E-05	0.00751	0.17934	1.87E-01	0.030059	3.52E-05	0.004384	2.21E-01	0.184098	0.025853	2.87E-05	0.004656	0.214636
4951	481863.09	3862877.25	1.70337	5.46722	2.30262	3.35414	1.54E-01	0.02313	4.3E-05	0.00777	0.1853	1.95E-01	0.029192	3.66E-05	0.004535	2.29E-01	0.192054	0.025108	2.99E-05	0.004817	0.222008
4952	482363.09	3862877.25	1.71583	5.52402	2.31394	3.40354	1.55E-01	0.02337	4.3E-05	0.00788	0.18679	1.96E-01	0.029496	3.68E-05	0.004602	2.30E-01	0.193459	0.025368	3E-05	0.004888	0.223745
4953	482863.09	3862877.25	1.77281	5.56143	2.39135	3.4417	1.61E-01	0.02353	4.5E-05	0.00797	0.1922	2.03E-01	0.029695	3.8E-05	0.004654	2.37E-01	0.199884	0.02554	3.1E-05	0.004942	0.230397
4954	483363.09	3862877.25	2.08493	7.04541	2.48247	3.44295	1.89E-01	0.02981	4.6E-05	0.00797	0.22677	2.38E-01	0.037619	3.95E-05	0.004655	2.81E-01	0.235075	0.032355	3.22E-05	0.004944	0.272407
4955	483863.09	3862877.25	2.30173	6.22565	3.0881	3.757	2.09E-01	0.02634	5.8E-05	0.0087	0.24369	2.63E-01	0.033242	4.91E-05	0.00508	3.02E-01	0.259519	0.02859	4.01E-05	0.005395	0.293545
4956	484363.09	3862877.25	2.41375	6.8443	3.29305	4.49524	2.19E-01	0.02895	6.2E-05	0.01041	0.25817	2.76E-01	0.036545	5.23E-05	0.006078	3.19E-01	0.272149	0.031432	4.27E-05	0.006455	0.310079
4957	484863.09	3862877.25	2.41423	6.38133	3.29053	4.53642	2.19E-01	0.027	6.2E-05	0.01051	0.25635	2.76E-01	0.034073	5.23E-05	0.006134	3.16E-01	0.272204	0.029305	4.27E-05	0.006515	0.308066
4958	485363.09	3862877.25	2.47876	6.38973	3.37978	4.70907	2.25E-01	0.02703	6.3E-05	0.01091	0.26263	2.84E-01	0.034118	5.37E-05	0.006367	3.24E-01	0.279479	0.029344	4.39E-05	0.006762	0.31563
4959	485863.09	3862877.25	2.56318	7.21825	3.46935	4.91471	2.32E-01	0.03054	6.5E-05	0.01138	0.27427	2.93E-01	0.038542	5.51E-05	0.006645	3.38E-01	0.288998	0.033149	4.5E-05	0.007058	0.329249
4960	486363.09	3862877.25	2.57744	7.82612	3.28546	4.95298	2.34E-01	0.03311	6.2E-05	0.01147	0.27822	2.95E-01	0.041788	5.22E-05	0.006697	3.43E-01	0.290605	0.03594	4.26E-05	0.007113	0.333701
4961	486863.09	3862877.25	2.57202	6.90755	3.48491	5.21376	2.33E-01	0.02922	6.5E-05	0.01208	0.27445	2.94E-01	0.036883	5.54E-05	0.00705	3.38E-01	0.289994	0.031722	4.52E-05	0.007487	0.329249
4962	487363.09	3862877.25	2.7235	7.34225	3.69884	5.23438	2.47E-01	0.03106	6.9E-05	0.01212	0.29006	3.12E-01	0.039204	5.88E-05	0.007077	3.58E-01	0.307074	0.033718	4.8E-05	0.007517	0.348357
4963	487863.09	3862877.25	2.92086	7.728	3.95701	5.59457	2.65E-01	0.03269	7.4E-05	0.01296	0.31042	3.34E-01	0.041264	6.29E-05	0.007564	3.83E-01	0.329326	0.03549	5.14E-05	0.008034	0.372901
4964	488363.09	3862877.25	3.17733	7.33014	4.29531	6.0953	2.88E-01	0.03101	8E-05	0.01412	0.33314	3.63E-01	0.039139	6.83E-05	0.008242	4.11E-01	0.358243	0.033663	5.58E-05	0.008753	0.400715
4965	488863.09	3862877.25	3.43582	7.00148	4.59839	6.78263	3.11E-01	0.02962	8.6E-05	0.01571	0.35678	3.93E-01	0.037385	7.31E-05	0.009171	4.40E-01	0.387388	0.032153	5.97E-05	0.00974	0.429341
4966	489363.09	3862877.25	3.75159	7.0032	4.94548	7.3394	3.40E-01	0.02963	9.3E-05	0.017	0.3867	4.29E-01	0.037394	7.86E-05	0.009924	4.76E-01	0.42299	0.032161	6.42E-05	0.01054	0.465756
4967	489863.09	3862877.25	4.48357	7.17545	5.71239	9.41769	4.06E-01	0.03036	0.00011	0.02181	0.45859	5.13E-01	0.038313	9.08E-05	0.012734	5.64E-01	0.505521	0.032952	7.41E-05	0.013524	0.552072
4968	490363.09	3862877.25	4.59932	8.47973	5.45846	10.73761	4.17E-01	0.03587	0.0001	0.02487	0.47765	5.26E-01	0.045278	8.68E-05	0.014518	5.86E-01	0.518572	0.038942	7.09E-05	0.01542	0.573004
4969	490863.09	3862877.25	5.00335	7.42487	5.76952	10.04807	4.53E-01	0.03141	0.00011	0.02327	0.50821	5.72E-01	0.039645	9.17E-05	0.013586	6.26E-01	0.564126	0.034098	7.49E-05	0.01443	0.612728
4970	491363.09	3862877.25	5.29716	7.83397	6.10151	10.82589	4.80E-01	0.03314	0.00011	0.02507	0.53837	6.06E-01	0.04183	9.7E-05	0.014638	6.62E-01	0.597253	0.035977	7.92E-05	0.015547	0.648855
4971	491863.09	3862877.25	5.42143	7.20947	6.0655	9.89469	4.91E-01	0.0305	0.00011	0.02292	0.54483	6.20E-01	0.038495	9.64E-05	0.013379	6.72E-01	0.611264	0.033109	7.87E-05	0.014209	0.658661
4972	492363.09	3862877.25	5.28511	7.99059	5.69702	10.20088	4.79E-01	0.0338	0.00011	0.02363	0.53649	6.05E-01	0.042666	9.05E-05	0.013793	6.61E-01	0.595894	0.036696	7.39E-05	0.014649	0.647313
4973	492863.09	3862877.25	5.27592	8.12298	5.70849	10.68869	4.78E-01	0.03436	0.00011	0.02476	0.53734	6.03E-01	0.043373	9.07E-05	0.014452	6.61E-01	0.594858	0.037304	7.41E-05	0.01535	0.647586
4974	493363.09	3862877.25	5.03184	7.32213	5.5287	9.33606	4.56E-01	0.03098	0.0001	0.02162	0.5087	5.76E-01	0.039097	8.79E-05	0.012623	6.27E-01	0.567338	0.033626	7.18E-05	0.013407	0.614443
4975	493863.09	3862877.25	4.69306	7.46743	5.28425	9.49545	4.25E-01	0.03159	9.9E-05	0.02199	0.47898	5.37E-01	0.039873	8.4E-05	0.012839	5.90E-01	0.529141	0.034293	6.86E-05	0.013636	0.577139
4976	494363.09	3862877.25	4.23408	6.82955	4.68909	8.48931	3.84E-01	0.02889	8.8E-05	0.01966	0.43234	4.84E-01	0.036467	7.45E-05	0.011478	5.32E-01	0.477391	0.031364	6.09E-05	0.012191	0.521007
4977	494863.09	3862877.25	4.09296	6.53352	4.71121	8.20652	3.71E-01	0.02764	8.8E-05	0.01901	0.41765	4.68E-01	0.034886	7.49E-05	0.011096	5.14E-01	0.46148	0.030004	6.12E-05	0.011785	0.50333
4978	495363.09	3862877.25	3.74135	5.99049	4.24331	7.49574	3.39E-01	0.02534	7.9E-05	0.01736	0.38183	4.28E-01	0.031986	6.74E-05	0.010135	4.70E-01	0.421836	0.027511	5.51E-05	0.010764	0.460166
4979	495863.09	3862877.25	3.41377	5.71792	4.1406	7.16995	3.09E-01	0.02419	7.8E-05	0.01661	0.35024	3.90E-01	0.030531	6.58E-05	0.009695	4.31E-01	0.384901	0.026259	5.37E-05	0.010296	0.42151
4980	496363.09	3862877.25	3.16438	5.51072	3.78315	6.84363	2.87E-01	0.02331	7.1E-05	0.01585	0.326	3.62E-01	0.029425	6.01E-05	0.009253	4.01E-01	0.356783	0.025307	4.91E-05	0.009828	0.391967
4981	496863.09	3862877.25	3.26916	5.4194	3.7804	6.93529	2.96E-01	0.02293	7.1E-05	0.01606	0.33532	3.74E-01	0.028937	6.01E-05	0.009377	4.12E-01	0.368597	0.024888	4.91E-05	0.009959	0.403493
4982	497363.09	3862877.25	3.2843	5.28068	3.99794	6.72638	2.98E-01	0.02234	7.5E-05	0.01558	0.33562	3.76E-01	0.028196	6.35E-05	0.009095	4.13E-01	0.370304	0.024251	5.19E-05	0.009659	0.404266
4983	497863.09	3862877.25	3.00632	4.97903	3.84783	6.37479	2.72E-01	0.02106	7.2E-05	0.01477	0.30834	3.44E-01	0.026586	6.12E-05	0.008619	3.79E-01	0.338962	0.022866	4.99E-05	0.009155	0.371032
4984	498363.09	3862877.25	2.88873	5.00093	3.59795	6.43895	2.62E-01	0.02116	6.7E-05	0.01491	0.29792	3.30E-01	0.026703	5.72E-05	0.008706	3.66E-01	0.325703	0.022966	4.67E-05	0.009247	0.357963
4985	471363.09	3863377.25	1.20658	2.51103	1.64161	2.31601	1.09E-01	0.01062	3.1E-05	0.00536	0.12536	1.38E-01	0.013408	2.61E-05	0.003131	1.55E-01	0.136041	0.011532	2.13E-05	0.003326	0.15092
4986	471863.09	3863377.25	1.21751	2.74281	1.66148	2.32701	1.10E-01	0.0116	3.1E-05	0.00539	0.12736	1.39E-01	0.014645	2.64E-05	0.003146	1.57E-01	0.137274	0.012596	2.16E-05	0.003342	0.153233
4987	472363.09	3863377.25	1.2341	2.95063	1.67235	2.33479	1.12E-01	0.01248	3.1E-05	0.00541	0.12976	1.41E-01	0.015755	2.66E-05	0.003157	1.60E-01	0.139144	0.01355	2.17E-05	0.003353	0.156069
4988	472863.09	3863377.25	1.26849	2.86154	1.67762	2.33866	1.15E-01	0.01211	3.1E-05	0.00542	0.13251	1.45E-01	0.015279	2.67E-05	0.003162	1.64E-01	0.143022	0.013141	2.18E-05	0.003358	0.159543
4989	473363.09	3863377.25	1.28182	2.81061	1.74069	2.35043	1.16E-01	0.01189	3.3E-05	0.00544	0.13353	1.47E-01	0.015007	2.77E-05	0.003178	1.65E-01	0.144525	0.012907	2.26E-05	0.003375	0.16083
4990	473863.09	3863377.25	1.28026	3.0283	1.75707	2.3686	1.16E-01	0.01281	3.3E-05	0.00549	0.13435	1.46E-01	0.01617	2.79E-05	0.003203	1.66E-01	0.144349	0.013907	2.28E-05	0.003401	0.16168
4991	474363.09	3863377.25	1.28709	3.46056	1.7345	2.39899	1.17E-01	0.01464	3.2E-05	0.00556	0.13687	1.47E-01	0.018478	2.76E-05	0.003244	1.69E-01	0.145119	0.015892	2.25E-05	0.003445	0.164479
4992	474863.09	3863377.25	1.30546	3.45367	1.73009	2.43812	1.18E-01	0.01461	3.2E-05	0.00565	0.13859	1.49E-01	0.018441	2.75E-05	0.003297	1.71E-01	0.14719	0.015861	2.25E-05	0.003501	0.166574
4993	475363.09	3863377.25	1.32781	3.53013	1.81334	2.43688	1.20E-01	0.01493	3.4E-05	0.00564	0.14094	1.52E-01	0.018849	2.88E-05	0.003295	1.74E-01	0.14971	0.016212	2.35E-05	0.003499	0.169445
4994	475863.09	3863377.25	1.35657	3.60069	1.86523	2.42244	1.23E-01	0.01523	3.5E-05	0.00561	0.14381	1.55E-01	0.019226	2.96E-05	0.003275	1.78E-01	0.152953	0.016536	2.42E-05	0.003479	0.172991
4995	476363.09	3863377.25	1.37778	3.60247	1.88415	2.4497	1.25E-01	0.01524	3.5E-05	0.00567	0.14581	1.58E-01	0.019235	2.99E-05	0.003312	1.80E-01	0.155344	0.016544	2.45E-05	0.003518	0.17543
4996	476863.09	3863377.25	1.39876	3.25523	1.91769	2.45118	1.27E-01	0.01377	3.6E-05	0.00568	0.14624	1.60E-01	0.017381	3.05E-05	0.003314	1.81E-01	0.15771	0.014949	2.49E-05	0.00352	0.176204
4997	477363.09	3863377.25	1.4098	3.36666	1.93653	2.66486	1.28E-01	0.01424	3.6E-05	0.00617	0.14821	1.61E-01	0.017976	3.08E-05	0.003603	1.83E-01	0.158954	0.015461	2.51E-05	0.003827	0.178267
4998	477863.09	3863377.25	1.44471	3.57381	1.9005	2.70863	1.31E-01	0.01512	3.6E-05	0.00627	0.15235	1.65E-01	0.019082	3.02E-05	0.003662	1.88E-01	0.162891	0.016412	2.47E-05	0.00389	0.183217

4999	478363.09	3863377.25	1.90237	4.8964	2.53895	2.4528		1.72E-01	0.02071	4.8E-05	0.00568	0.19884		2.18E-01	0.026144	4.04E-05	0.003316	2.47E-01		0.214492	0.022486	3.3E-05	0.003522	0.240533
5000	478863.09	3863377.25	1.7816	4.88845	2.36644	2.57638		1.61E-01	0.02068	4.4E-05	0.00597	0.18814		2.04E-01	0.026102	3.76E-05	0.003484	2.33E-01		0.200875	0.02245	3.07E-05	0.0037	0.227055
5001	479363.09	3863377.25	1.45103	3.96201	1.91659	2.81408		1.31E-01	0.01676	3.6E-05	0.00652	0.15481		1.66E-01	0.021155	3.05E-05	0.003805	1.91E-01		0.163603	0.018195	2.49E-05	0.004041	0.185864
5002	479863.09	3863377.25	1.44229	4.13222	1.94884	2.97544		1.31E-01	0.01748	3.6E-05	0.00689	0.15511		1.65E-01	0.022064	3.1E-05	0.004023	1.91E-01		0.162618	0.018977	2.53E-05	0.004273	0.185893
5003	480363.09	3863377.25	1.48282	4.2941	2.00937	3.03883		1.34E-01	0.01817	3.8E-05	0.00704	0.15962		1.70E-01	0.022928	3.19E-05	0.004109	1.97E-01		0.167187	0.01972	2.61E-05	0.004364	0.191298
5004	480863.09	3863377.25	1.52595	5.06017	2.06886	3.06335		1.38E-01	0.02141	3.9E-05	0.0071	0.16683		1.75E-01	0.027019	3.29E-05	0.004142	2.06E-01		0.17205	0.023238	2.69E-05	0.004399	0.199715
5005	481363.09	3863377.25	1.54952	4.78972	2.08705	3.13853		1.40E-01	0.02026	3.9E-05	0.00727	0.16799		1.77E-01	0.025575	3.32E-05	0.004244	2.07E-01		0.174708	0.021996	2.71E-05	0.004507	0.201238
5006	481863.09	3863377.25	1.58722	4.94436	2.14231	3.19451		1.44E-01	0.02092	4E-05	0.0074	0.17219		1.82E-01	0.026401	3.4E-05	0.004319	2.12E-01		0.178959	0.022706	2.78E-05	0.004587	0.20628
5007	482363.09	3863377.25	1.62537	4.97861	2.19504	3.2473		1.47E-01	0.02106	4.1E-05	0.00752	0.17592		1.86E-01	0.026583	3.49E-05	0.004391	2.17E-01		0.18326	0.022864	2.85E-05	0.004663	0.210815
5008	482863.09	3863377.25	1.70095	5.62866	2.25674	3.22022		1.54E-01	0.02381	4.2E-05	0.00746	0.18546		1.95E-01	0.030054	3.59E-05	0.004354	2.29E-01		0.191782	0.025849	2.93E-05	0.004624	0.222284
5009	483363.09	3863377.25	2.00685	6.34498	2.43354	3.27042		1.82E-01	0.02684	4.6E-05	0.00757	0.21633		2.30E-01	0.033879	3.87E-05	0.004422	2.68E-01		0.226272	0.029139	3.16E-05	0.004696	0.260138
5010	483863.09	3863377.25	2.20909	5.8984	2.97689	3.72923		2.00E-01	0.02495	5.6E-05	0.00864	0.23384		2.53E-01	0.031495	4.73E-05	0.005042	2.89E-01		0.249074	0.027088	3.86E-05	0.005355	0.281556
5011	484363.09	3863377.25	2.28641	6.08584	3.12209	4.28475		2.07E-01	0.02575	5.8E-05	0.00992	0.24293		2.62E-01	0.032495	4.96E-05	0.005793	3.00E-01		0.257792	0.027948	4.05E-05	0.006153	0.291934
5012	484863.09	3863377.25	2.31856	5.69551	3.16998	4.38763		2.10E-01	0.02409	5.9E-05	0.01016	0.24443		2.65E-01	0.030411	5.04E-05	0.005933	3.02E-01		0.261417	0.026156	4.11E-05	0.006301	0.293915
5013	485363.09	3863377.25	2.36432	6.02839	3.22496	4.51176		2.14E-01	0.0255	6E-05	0.01045	0.25027		2.70E-01	0.032189	5.13E-05	0.0061	3.09E-01		0.266576	0.027685	4.19E-05	0.006479	0.300782
5014	485863.09	3863377.25	2.4369	6.67546	3.27645	4.71988		2.21E-01	0.02824	6.1E-05	0.01093	0.26007		2.79E-01	0.035644	5.21E-05	0.006382	3.21E-01		0.27476	0.030656	4.25E-05	0.006778	0.312236
5015	486363.09	3863377.25	2.41065	7.33018	3.05835	4.73863		2.18E-01	0.03101	5.7E-05	0.01098	0.2605		2.76E-01	0.03914	4.86E-05	0.006407	3.21E-01		0.2718	0.033663	3.97E-05	0.006805	0.312307
5016	486863.09	3863377.25	2.42158	6.1282	3.28033	4.97737		2.19E-01	0.02593	6.1E-05	0.01153	0.25696		2.77E-01	0.032722	5.21E-05	0.00673	3.16E-01		0.273032	0.028143	4.26E-05	0.007148	0.308366
5017	487363.09	3863377.25	2.53708	6.6253	3.44394	4.93277		2.30E-01	0.02803	6.4E-05	0.01143	0.26943		2.90E-01	0.035376	5.47E-05	0.00667	3.32E-01		0.286055	0.030426	4.47E-05	0.007084	0.323609
5018	487863.09	3863377.25	2.6733	6.67811	3.61712	5.22122		2.42E-01	0.02825	6.8E-05	0.01209	0.28267		3.06E-01	0.035658	5.75E-05	0.00706	3.49E-01		0.301414	0.030668	4.7E-05	0.007498	0.339627
5019	488363.09	3863377.25	2.88537	6.63802	3.89359	5.54575		2.61E-01	0.02808	7.3E-05	0.01285	0.30248		3.30E-01	0.035444	6.19E-05	0.007498	3.73E-01		0.325324	0.030484	5.05E-05	0.007964	0.363823
5020	488863.09	3863377.25	3.10825	6.66125	4.10907	6.13306		2.82E-01	0.02818	7.7E-05	0.01421	0.32414		3.56E-01	0.035568	6.53E-05	0.008293	3.99E-01		0.350454	0.030591	5.33E-05	0.008807	0.389906
5021	489363.09	3863377.25	3.3003	6.37837	4.28716	6.77642		2.99E-01	0.02698	8E-05	0.0157	0.34184		3.77E-01	0.034057	6.81E-05	0.009162	4.21E-01		0.372108	0.029292	5.56E-05	0.009731	0.411186
5022	489863.09	3863377.25	3.8297	6.35785	5.02176	7.41923		3.47E-01	0.0269	9.4E-05	0.01718	0.39123		4.38E-01	0.033948	7.98E-05	0.010032	4.82E-01		0.431797	0.029198	6.52E-05	0.010654	0.471715
5023	490363.09	3863377.25	4.21205	6.80957	5.32168	9.63473		3.82E-01	0.02881	1E-04	0.02232	0.43293		4.82E-01	0.03636	8.46E-05	0.013027	5.31E-01		0.474907	0.031272	6.91E-05	0.013836	0.520084
5024	490863.09	3863377.25	4.33996	7.49842	5.42513	9.69256		3.93E-01	0.03172	0.0001	0.02245	0.44757		4.96E-01	0.040038	8.62E-05	0.013105	5.50E-01		0.489329	0.034436	7.04E-05	0.013919	0.537754
5025	491363.09	3863377.25	4.55864	6.72014	5.28946	8.98309		4.13E-01	0.02843	9.9E-05	0.02081	0.46245		5.21E-01	0.035882	8.41E-05	0.012146	5.70E-01		0.513985	0.030861	6.87E-05	0.0129	0.557815
5026	491863.09	3863377.25	4.80119	7.18028	5.44963	9.9139		4.35E-01	0.03038	0.0001	0.02296	0.48853		5.49E-01	0.038339	8.66E-05	0.013405	6.01E-01		0.541333	0.032975	7.07E-05	0.014237	0.588615
5027	492363.09	3863377.25	5.04391	6.82425	5.62453	9.11657		4.57E-01	0.02887	0.00011	0.02112	0.50718		5.77E-01	0.036438	8.94E-05	0.012327	6.26E-01		0.568699	0.031339	7.3E-05	0.013092	0.613203
5028	492863.09	3863377.25	4.98789	7.65502	5.40957	9.47346		4.52E-01	0.03238	0.0001	0.02194	0.50644		5.71E-01	0.040874	8.6E-05	0.012809	6.24E-01		0.562383	0.035155	7.02E-05	0.013604	0.611212
5029	493363.09	3863377.25	5.06909	7.92686	5.50988	9.90604		4.59E-01	0.03353	0.0001	0.02294	0.51595		5.80E-01	0.042326	8.76E-05	0.013394	6.36E-01		0.571538	0.036403	7.15E-05	0.014226	0.622238
5030	493863.09	3863377.25	4.85849	7.1303	5.33946	8.79626		4.40E-01	0.03016	1E-04	0.02037	0.49093		5.56E-01	0.038072	8.49E-05	0.011893	6.06E-01		0.547793	0.032745	6.93E-05	0.012632	0.593239
5031	494363.09	3863377.25	4.51094	7.12535	5.05697	8.74003		4.09E-01	0.03014	9.5E-05	0.02024	0.45927		5.16E-01	0.038046	8.04E-05	0.011817	5.66E-01		0.508607	0.032722	6.56E-05	0.012551	0.553946
5032	494863.09	3863377.25	3.999	6.54536	4.43009	7.85675		3.62E-01	0.02769	8.3E-05	0.0182	0.40837		4.57E-01	0.034949	7.04E-05	0.010623	5.03E-01		0.450886	0.030059	5.75E-05	0.011283	0.492285
5033	495363.09	3863377.25	4.04218	6.43011	4.4723	7.75995		3.66E-01	0.0272	8.4E-05	0.01797	0.41157		4.62E-01	0.034334	7.11E-05	0.010492	5.07E-01		0.455754	0.029529	5.81E-05	0.011144	0.496486
5034	495863.09	3863377.25	3.72618	6.04155	4.40491	7.19278		3.38E-01	0.02556	8.2E-05	0.01666	0.37998		4.26E-01	0.032259	7E-05	0.009725	4.68E-01		0.420126	0.027745	5.72E-05	0.010329	0.458257
5035	496363.09	3863377.25	3.37104	5.50346	3.96634	6.82651		3.05E-01	0.02328	7.4E-05	0.01581	0.34466		3.86E-01	0.029386	6.3E-05	0.00923	4.24E-01		0.380084	0.025274	5.15E-05	0.009803	0.415212
5036	496863.09	3863377.25	2.8895	5.13141	3.48763	6.37473		2.62E-01	0.02171	6.5E-05	0.01477	0.29839		3.30E-01	0.027399	5.54E-05	0.008619	3.67E-01		0.32579	0.023565	4.53E-05	0.009154	0.358555
5037	497363.09	3863377.25	2.87548	4.98773	3.34646	6.15309		2.61E-01	0.0211	6.3E-05	0.01425	0.296		3.29E-01	0.026632	5.32E-05	0.00832	3.64E-01		0.324209	0.022906	4.34E-05	0.008836	0.355994
5038	497863.09	3863377.25	2.9754	4.95653	3.42949	6.31243		2.70E-01	0.02097	6.4E-05	0.01462	0.30529		3.40E-01	0.026465	5.45E-05	0.008535	3.75E-01		0.335475	0.022762	4.45E-05	0.009065	0.367347
5039	498363.09	3863377.25	2.95599	4.78034	3.6234	6.0263		2.68E-01	0.02022	6.8E-05	0.01396	0.30213		3.38E-01	0.025525	5.76E-05	0.008148	3.72E-01		0.333287	0.021953	4.7E-05	0.008654	0.363941
5040	471363.09	3863877.25	1.14313	2.69416	1.55956	2.2279		1.04E-01	0.0114	2.9E-05	0.00516	0.12018		1.31E-01	0.014386	2.48E-05	0.003012	1.48E-01		0.128888	0.012373	2.02E-05	0.003199	0.14448
5041	471863.09	3863877.25	1.1867	2.7128	1.5742	2.20991		1.08E-01	0.01148	2.9E-05	0.00512	0.12417		1.36E-01	0.014485	2.5E-05	0.002988	1.53E-01		0.1338	0.012458	2.04E-05	0.003174	0.149452
5042	472363.09	3863877.25	1.20997	2.54708	1.61414	2.22828		1.10E-01	0.01078	3E-05	0.00516	0.12562		1.38E-01	0.0136	2.57E-05	0.003013	1.55E-01		0.136424	0.011697	2.1E-05	0.0032	0.151342
5043	472863.09	3863877.25	1.21153	2.77045	1.65289	2.25583		1.10E-01	0.01172	3.1E-05	0.00522	0.12677		1.39E-01	0.014793	2.63E-05	0.00305	1.56E-01		0.1366	0.012723	2.15E-05	0.003239	0.152583
5044	473363.09	3863877.25	1.19458	3.0394	1.62688	2.29331		1.08E-01	0.01286	3E-05	0.00531	0.12646		1.37E-01	0.016229	2.59E-05	0.003101	1.56E-01		0.134688	0.013958	2.11E-05	0.003293	0.151961
5045	473863.09	3863877.25	1.22821	3.26037	1.60117	2.31178		1.11E-01	0.01379	3E-05	0.00535	0.13048		1.40E-01	0.017409	2.54E-05	0.003126	1.61E-01		0.13848	0.014973	2.08E-05	0.00332	0.156794
5046	474363.09	3863877.25	1.25237	3.15392	1.67453	2.31745		1.13E-01	0.01334	3.1E-05	0.00537	0.13223		1.43E-01	0.01684	2.66E-05	0.003133	1.63E-01		0.141204	0.014484	2.17E-05	0.003328	0.159038
5047	474863.09	3863877.25	1.26936	3.1941	1.7366	2.31667		1.15E-01	0.01351	3.3E-05	0.00537	0.13394		1.45E-01	0.017055	2.76E-05	0.003132	1.65E-01		0.14312	0.014668	2.25E-05	0.003327	0.161138
5048	475363.09	3863877.25	1.29726	3.2636	1.78473	2.28598		1.18E-01	0.01381	3.3E-05	0.00529	0.1367		1.48E-01	0.017426	2.84E-05	0.003091	1.69E-01		0.146266	0.014988	2.32E-05	0.003283	0.164559
5049	475863.09	3863877.25	1.30851	2.96397	1.78355	2.28528		1.19E-01	0.01254	3.3E-05	0.00529	0.13645		1.50E-01	0.015826	2.83E-05	0.00309	1.69E-01		0.147534	0.013612	2.32E-05	0.003282	0.164451
5050	476363.09	3863877.25	1.32602	3.01149	1.8198	2.35425		1.20E-01	0.01274	3.4E-05	0.00545	0.13839		1.52E-01	0.01608	2.89E-05	0.003183	1.71E-01		0.149508	0.01383	2.36E-05	0.003381	0.166743
5051	476863.09	3863877.25	1.30854	3.07478	1.78501	2.51305		1.19E-01	0.01301	3.3E-05	0.00582	0.13744		1.50E-01	0.016418	2.84E-05	0.003398	1.70E-01		0.147537	0.014121	2.32E-05	0.003609	0.16529
5052	477363.09	3863877.25	1.2882	3.35549	1.73474	2.65829		1.17E-01	0.0142	3.2E-05	0.00616	0.13712		1.47E-01	0.017917	2.76E-05	0.003594	1.69E-01		0.145244	0.01541	2.25E-05	0.003817	0.164494
5053	477863.09	3863877.25	1.32382	3.68077	1.79871	2.68438		1.20E-01	0.01557	3.4E-05	0.00622	0.14179		1.51E-01	0.019654	2.86E-05	0.00363	1.75E-01		0.14926	0.016903	2.33E-05	0.003855	0.170042
5054	478363.09	3863877.25	1.52214	4.09989	2.04344	2.59582		1.38E-01	0.01734	3.8E-05	0.00601	0.16133		1.74E-01	0.021891	3.25E-05	0.00351	2.00E-01		0.171621	0.018828	2.65E-05	0.003728	0.194203
5055	478863.09	3863877.25	1.32533	3.59764	1.79443	2.74371		1.20E-01	0.01522	3.4E-05	0.00635	0.14171		1.52E-01	0.01921	2.85E-05	0.00371	1.75E-01		0.149431	0.016522	2.33E-05	0.00394	0.169916
5056	479363.09	3863877.25	1.35618	3.88265	1.83024	2.80631		1.23E-01	0.01643	3.4E-05	0.0065	0.14586		1.55E-01	0.020731	2.91E-05	0.003794	1.80E-01		0.152909	0.017831	2.38E-05	0.00403	0.174793
5057	479863.09	3863877.25	1.39232	3.93372	1.88312	2.88111		1.26E-01	0.01664	3.5E-05	0.00667	0.14953		1.59E-01	0.021004	2.99E-05	0.003896	1.84E-01		0.156984	0.018065	2.44E-05	0.004137	0.179211
5058	480363.09	3863877.25	1.41966	4.54798	1.92609	2.90702		1.29E-01	0.01924	3.6E-05	0.00673	0.15466		1.62E-01	0.024284	3.06E-05	0.003931	1.91E-01		0.160066	0.020886	2.5E-05	0.004175	0.185152
5059	480863.09	3863877.25	1.44558	4.31318	1.96171	2.9216		1.31E-01	0.01825	3.7E-05	0.00677	0.15605		1.65E-01	0.02303	3.12E-05	0.00395	1.92E-01		0.162989	0.019808	2.55E-05	0.004196	0.187017

5060	481363.09	3863877.25	1.47903	4.43287	1.99438	3.0179	1.34E-01	0.01875	3.7E-05	0.00699	0.15981	1.69E-01	0.023669	3.17E-05	0.004081	1.97E-01	0.16676	0.020357	2.59E-05	0.004334	0.191477
5061	481863.09	3863877.25	1.50653	4.49955	2.03465	3.04944	1.37E-01	0.01904	3.8E-05	0.00706	0.16266	1.72E-01	0.024025	3.23E-05	0.004123	2.00E-01	0.169861	0.020664	2.64E-05	0.004379	0.19493
5062	482363.09	3863877.25	1.54625	4.85694	2.08973	3.0563	1.40E-01	0.02055	3.9E-05	0.00708	0.16779	1.77E-01	0.025934	3.32E-05	0.004132	2.07E-01	0.174339	0.022305	2.71E-05	0.004389	0.20106
5063	482863.09	3863877.25	1.66257	5.32831	2.14255	3.0811	1.51E-01	0.02254	4E-05	0.00714	0.18038	1.90E-01	0.028451	3.41E-05	0.004166	2.23E-01	0.187454	0.02447	2.78E-05	0.004425	0.216376
5064	483363.09	3863877.25	1.93413	5.93588	2.38135	3.09674	1.75E-01	0.02511	4.5E-05	0.00717	0.2076	2.21E-01	0.031695	3.78E-05	0.004187	2.57E-01	0.218072	0.02726	3.09E-05	0.004447	0.24981
5065	483863.09	3863877.25	2.1252	5.48157	2.87511	3.68965	1.93E-01	0.02319	5.4E-05	0.00855	0.22438	2.43E-01	0.029269	4.57E-05	0.004989	2.77E-01	0.239616	0.025173	3.73E-05	0.005299	0.270125
5066	484363.09	3863877.25	2.18881	5.3403	2.98984	4.1246	1.98E-01	0.02259	5.6E-05	0.00955	0.23056	2.50E-01	0.028515	4.75E-05	0.005577	2.84E-01	0.246788	0.024525	3.88E-05	0.005923	0.277274
5067	484863.09	3863877.25	2.21392	5.1303	3.02582	4.2134	2.01E-01	0.0217	5.7E-05	0.00976	0.23215	2.53E-01	0.027393	4.81E-05	0.005697	2.86E-01	0.249619	0.02356	3.93E-05	0.006051	0.279269
5068	485363.09	3863877.25	2.27154	5.83036	3.09705	4.35241	2.06E-01	0.02467	5.8E-05	0.01008	0.24066	2.60E-01	0.031131	4.92E-05	0.005885	2.97E-01	0.256115	0.026775	4.02E-05	0.00625	0.289181
5069	485863.09	3863877.25	2.33206	6.05792	3.10331	4.56672	2.11E-01	0.02563	5.8E-05	0.01058	0.2476	2.67E-01	0.032346	4.93E-05	0.006175	3.05E-01	0.262939	0.02782	4.03E-05	0.006558	0.297358
5070	486363.09	3863877.25	2.26423	6.86526	2.85674	4.55698	2.05E-01	0.02904	5.3E-05	0.01055	0.24484	2.59E-01	0.036657	4.54E-05	0.006162	3.02E-01	0.255291	0.031528	3.71E-05	0.006544	0.2934
5071	486863.09	3863877.25	2.2652	5.43587	3.07507	4.70597	2.05E-01	0.023	5.8E-05	0.0109	0.23923	2.59E-01	0.029025	4.89E-05	0.006363	2.95E-01	0.255401	0.024964	3.99E-05	0.006758	0.287162
5072	487363.09	3863877.25	2.36248	6.00624	3.19451	4.66187	2.14E-01	0.02541	6E-05	0.0108	0.25036	2.70E-01	0.03207	5.08E-05	0.006303	3.09E-01	0.266369	0.027583	4.15E-05	0.006695	0.300688
5073	487863.09	3863877.25	2.49985	5.81451	3.38761	4.89623	2.27E-01	0.0246	6.3E-05	0.01134	0.26254	2.86E-01	0.031047	5.38E-05	0.00662	3.24E-01	0.281857	0.026702	4.4E-05	0.007031	0.315635
5074	488363.09	3863877.25	2.67659	5.92751	3.61477	5.09385	2.43E-01	0.02508	6.8E-05	0.0118	0.2795	3.06E-01	0.03165	5.75E-05	0.006887	3.45E-01	0.301785	0.027221	4.69E-05	0.007315	0.336368
5075	488863.09	3863877.25	2.866	6.02433	3.85341	5.64472	2.60E-01	0.02549	7.2E-05	0.01307	0.29836	3.28E-01	0.032167	6.12E-05	0.007632	3.68E-01	0.323141	0.027666	5E-05	0.008106	0.358963
5076	489363.09	3863877.25	3.05111	5.7026	4.04433	6.10888	2.76E-01	0.02412	7.6E-05	0.01415	0.31485	3.49E-01	0.030449	6.43E-05	0.00826	3.88E-01	0.344012	0.026188	5.25E-05	0.008773	0.379025
5077	489863.09	3863877.25	3.23834	5.58022	4.23318	6.50774	2.93E-01	0.02361	7.9E-05	0.01507	0.33222	3.70E-01	0.029796	6.73E-05	0.008799	4.09E-01	0.365122	0.025626	5.49E-05	0.009345	0.400149
5078	490363.09	3863877.25	3.82202	5.95996	4.8921	7.81284	3.46E-01	0.02521	9.2E-05	0.0181	0.38976	4.37E-01	0.031823	7.78E-05	0.010564	4.80E-01	0.430931	0.02737	6.35E-05	0.01122	0.469585
5079	490863.09	3863877.25	3.96162	6.97763	4.83545	9.31385	3.59E-01	0.02952	9.1E-05	0.02157	0.41019	4.53E-01	0.037257	7.69E-05	0.012593	5.03E-01	0.446671	0.032044	6.28E-05	0.013375	0.492153
5080	491363.09	3863877.25	4.21278	6.45781	5.13086	8.45651	3.82E-01	0.02732	9.6E-05	0.01959	0.42877	4.82E-01	0.034482	8.15E-05	0.011434	5.28E-01	0.47499	0.029657	6.66E-05	0.012144	0.516857
5081	491863.09	3863877.25	4.38634	6.43259	5.15087	8.59518	3.97E-01	0.02721	9.6E-05	0.01991	0.44472	5.02E-01	0.034347	8.19E-05	0.011622	5.48E-01	0.494558	0.029541	6.69E-05	0.012343	0.536509
5082	492363.09	3863877.25	4.76857	7.08638	5.32288	10.45083	4.32E-01	0.02998	1E-04	0.02421	0.48642	5.45E-01	0.037838	8.46E-05	0.014131	5.97E-01	0.537655	0.032543	6.91E-05	0.015008	0.585275
5083	492863.09	3863877.25	5.22126	6.8832	5.47994	10.99997	4.73E-01	0.02912	0.0001	0.02548	0.52786	5.97E-01	0.036753	8.71E-05	0.014873	6.49E-01	0.588695	0.03161	7.11E-05	0.015797	0.636173
5084	493363.09	3863877.25	5.04842	7.32365	5.12987	11.35295	4.57E-01	0.03098	9.6E-05	0.0263	0.51487	5.77E-01	0.039105	8.15E-05	0.01535	6.32E-01	0.569208	0.033633	6.66E-05	0.016303	0.619211
5085	493863.09	3863877.25	5.07116	7.38447	5.0774	12.18888	4.60E-01	0.03124	9.5E-05	0.02823	0.51913	5.80E-01	0.03943	8.07E-05	0.016481	6.36E-01	0.571772	0.033912	6.59E-05	0.017504	0.623254
5086	494363.09	3863877.25	4.69497	6.67055	4.9421	10.03557	4.25E-01	0.02822	9.3E-05	0.02324	0.47702	5.37E-01	0.035618	7.85E-05	0.013569	5.86E-01	0.529356	0.030634	6.42E-05	0.014412	0.574466
5087	494863.09	3863877.25	4.40073	6.63647	4.72025	9.07729	3.99E-01	0.02808	8.8E-05	0.02102	0.44799	5.03E-01	0.035436	7.5E-05	0.012273	5.51E-01	0.496181	0.030477	6.13E-05	0.013035	0.539755
5088	495363.09	3863877.25	3.75869	6.29943	4.25438	8.07971	3.41E-01	0.02665	8E-05	0.01871	0.38606	4.30E-01	0.033636	6.76E-05	0.010925	4.75E-01	0.423791	0.028929	5.52E-05	0.011603	0.464378
5089	495863.09	3863877.25	3.72755	5.91447	4.0364	7.61674	3.38E-01	0.02502	7.6E-05	0.01764	0.38054	4.26E-01	0.03158	6.42E-05	0.010299	4.68E-01	0.42028	0.027161	5.24E-05	0.010938	0.458432
5090	496363.09	3863877.25	3.48783	5.61964	4.05458	6.74495	3.16E-01	0.02377	7.6E-05	0.01562	0.35555	3.99E-01	0.030006	6.44E-05	0.00912	4.38E-01	0.393252	0.025807	5.26E-05	0.009686	0.428798
5091	496863.09	3863877.25	3.1783	5.17286	3.60488	6.33216	2.88E-01	0.02188	6.7E-05	0.01467	0.32464	3.64E-01	0.027621	5.73E-05	0.008562	4.00E-01	0.358352	0.023756	4.68E-05	0.009093	0.391248
5092	497363.09	3863877.25	2.88482	4.88123	3.45755	6.03022	2.61E-01	0.02065	6.5E-05	0.01397	0.29611	3.30E-01	0.026063	5.5E-05	0.008154	3.64E-01	0.325262	0.022416	4.49E-05	0.00866	0.356383
5093	497863.09	3863877.25	2.64191	4.73179	3.14086	5.78951	2.39E-01	0.02002	5.9E-05	0.01341	0.2729	3.02E-01	0.025265	4.99E-05	0.007828	3.35E-01	0.297874	0.02173	4.08E-05	0.008314	0.327959
5094	498363.09	3863877.25	2.6755	4.57973	3.03894	5.60508	2.42E-01	0.01937	5.7E-05	0.01298	0.27487	3.06E-01	0.024454	4.83E-05	0.007579	3.38E-01	0.301662	0.021032	3.94E-05	0.008049	0.330782
5095	471363.09	3864377.25	1.13564	2.46445	1.47942	2.12687	1.03E-01	0.01043	2.8E-05	0.00493	0.11829	1.30E-01	0.013159	2.35E-05	0.002876	1.46E-01	0.128043	0.011318	1.92E-05	0.003054	0.142434
5096	471863.09	3864377.25	1.14956	2.54219	1.54885	2.1492	1.04E-01	0.01075	2.9E-05	0.00498	0.11994	1.31E-01	0.013574	2.46E-05	0.002906	1.48E-01	0.129612	0.011675	2.01E-05	0.003086	0.144394
5097	472363.09	3864377.25	1.14236	2.71453	1.5501	2.16092	1.04E-01	0.01148	2.9E-05	0.00501	0.12004	1.31E-01	0.014494	2.46E-05	0.002922	1.48E-01	0.128801	0.012466	2.01E-05	0.003103	0.14439
5098	472863.09	3864377.25	1.14255	2.95181	1.53131	2.20621	1.04E-01	0.01249	2.9E-05	0.00511	0.12117	1.31E-01	0.015761	2.43E-05	0.002983	1.49E-01	0.128822	0.013556	1.99E-05	0.003168	0.145566
5099	473363.09	3864377.25	1.17602	2.98679	1.50373	2.20558	1.07E-01	0.01264	2.8E-05	0.00511	0.12435	1.35E-01	0.015948	2.39E-05	0.002982	1.53E-01	0.132596	0.013716	1.95E-05	0.003167	0.149499
5100	473863.09	3864377.25	1.20769	2.84402	1.62492	2.21893	1.09E-01	0.01203	3E-05	0.00514	0.12664	1.38E-01	0.015186	2.58E-05	0.003	1.56E-01	0.136167	0.013061	2.11E-05	0.003187	0.152435
5101	474363.09	3864377.25	1.2346	3.00336	1.69202	2.19816	1.12E-01	0.01271	3.2E-05	0.00509	0.12971	1.41E-01	0.016037	2.69E-05	0.002972	1.60E-01	0.139201	0.013793	2.2E-05	0.003157	0.156172
5102	474863.09	3864377.25	1.23598	2.80165	1.70047	2.17528	1.12E-01	0.01185	3.2E-05	0.00504	0.12893	1.41E-01	0.014959	2.7E-05	0.002941	1.59E-01	0.139356	0.012866	2.21E-05	0.003124	0.155368
5103	475363.09	3864377.25	1.25776	2.63013	1.71371	2.18807	1.14E-01	0.01113	3.2E-05	0.00507	0.13021	1.44E-01	0.014044	2.72E-05	0.002959	1.61E-01	0.141812	0.012079	2.22E-05	0.003142	0.157055
5104	475863.09	3864377.25	1.25695	2.75267	1.7219	2.26275	1.14E-01	0.01165	3.2E-05	0.00524	0.13083	1.44E-01	0.014698	2.74E-05	0.003059	1.62E-01	0.141721	0.012641	2.24E-05	0.003249	0.157634
5105	476363.09	3864377.25	1.23762	2.88213	1.66578	2.35162	1.12E-01	0.01219	3.1E-05	0.00545	0.12983	1.42E-01	0.015389	2.65E-05	0.00318	1.60E-01	0.139541	0.013236	2.16E-05	0.003377	0.156176
5106	476863.09	3864377.25	1.21812	3.19075	1.64732	2.52699	1.10E-01	0.0135	3.1E-05	0.00585	0.12977	1.39E-01	0.017037	2.62E-05	0.003417	1.60E-01	0.137343	0.014653	2.14E-05	0.003629	0.155646
5107	477363.09	3864377.25	1.23011	3.2415	1.67133	2.58964	1.11E-01	0.01371	3.1E-05	0.006	0.13122	1.41E-01	0.017308	2.66E-05	0.003501	1.62E-01	0.138694	0.014886	2.17E-05	0.003719	0.157321
5108	477863.09	3864377.25	1.23555	3.19324	1.66439	2.62116	1.12E-01	0.01351	3.1E-05	0.00607	0.13158	1.41E-01	0.01705	2.65E-05	0.003544	1.62E-01	0.139308	0.014665	2.16E-05	0.003764	0.157758
5109	478363.09	3864377.25	1.23033	3.27281	1.66601	2.66096	1.11E-01	0.01385	3.1E-05	0.00616	0.13154	1.41E-01	0.017475	2.65E-05	0.003598	1.62E-01	0.138719	0.01503	2.16E-05	0.003821	0.157592
5110	478863.09	3864377.25	1.26274	3.51491	1.70614	2.67594	1.14E-01	0.01487	3.2E-05	0.0062	0.13553	1.44E-01	0.018768	2.71E-05	0.003618	1.67E-01	0.142374	0.016142	2.21E-05	0.003843	0.16238
5111	479363.09	3864377.25	1.29878	3.65661	1.75524	2.73189	1.18E-01	0.01547	3.3E-05	0.00633	0.13953	1.49E-01	0.019525	2.79E-05	0.003694	1.72E-01	0.146437	0.016793	2.28E-05	0.003923	0.167175
5112	479863.09	3864377.25	1.33475	4.13715	1.8103	2.76626	1.21E-01	0.0175	3.4E-05	0.00641	0.1449	1.53E-01	0.02209	2.88E-05	0.00374	1.79E-01	0.150493	0.018999	2.35E-05	0.003972	0.173488
5113	480363.09	3864377.25	1.36116	3.90568	1.84819	2.74928	1.23E-01	0.01652	3.5E-05	0.00637	0.14628	1.56E-01	0.020854	2.94E-05	0.003717	1.80E-01	0.15347	0.017936	2.4E-05	0.003948	0.175379
5114	480863.09	3864377.25	1.3736	3.9783	1.85386	2.85261	1.24E-01	0.01683	3.5E-05	0.00661	0.14795	1.57E-01	0.021242	2.95E-05	0.003857	1.82E-01	0.154873	0.01827	2.41E-05	0.004096	0.177263
5115	481363.09	3864377.25	1.40178	4.04254	1.8927	2.88461	1.27E-01	0.0171	3.5E-05	0.00668	0.15085	1.60E-01	0.021585	3.01E-05	0.0039	1.86E-01	0.15805	0.018565	2.46E-05	0.004142	0.180782
5116	481863.09	3864377.25	1.43378	4.16525	1.93882	2.89854	1.30E-01	0.01762	3.6E-05	0.00671	0.1543	1.64E-01	0.02224	3.08E-05	0.003919	1.90E-01	0.161658	0.019128	2.52E-05	0.004162	0.184974
5117	482363.09	3864377.25	1.46711	4.48777	1.97731	2.91706	1.33E-01	0.01899	3.7E-05	0.00676	0.15873	1.68E-01	0.023963	3.14E-05	0.003944	1.96E-01	0.165416	0.02061	2.57E-05	0.004189	0.19024
5118	482863.09	3864377.25	1.62154	5.00898	2.03698	2.91422	1.47E-01	0.02119	3.8E-05	0.00675	0.17493	1.85E-01	0.026746	3.24E-05	0.00394	2.16E-01	0.182828	0.023003	2.64E-05	0.004185	0.210043
5119	483363.09	3864377.25	1.8771	5.58917	2.34659	2.97905	1.70E-01	0.02365	4.4E-05	0.0069	0.2007	2.15E-01	0.029843	3.73E-05	0.004028	2.49E-01	0.211642	0.025668	3.05E-05	0.004278	0.241618
5120	483863.09	3864377.25	2.03453	4.90385	2.76153	3.61774	1.84E-01	0.02075	5.2E-05	0.00838	0.21355	2.33E-01	0.026184	4.39E-05	0.004892	2.64E-01	0.229393	0.02252	3.58E-05	0.005195	0.257144

5121	484363.09	3864377.25	2.09673	4.67591	2.86241	3.97488		1.90E-01	0.01978	5.4E-05	0.00921	0.21905		2.40E-01	0.024967	4.55E-05	0.005374	2.70E-01		0.236406	0.021474	3.72E-05	0.005708	0.263624
5122	484863.09	3864377.25	2.10997	4.75861	2.87863	4.04349		1.91E-01	0.02013	5.4E-05	0.00937	0.22076		2.41E-01	0.025409	4.58E-05	0.005467	2.72E-01		0.237898	0.021853	3.74E-05	0.005807	0.265596
5123	485363.09	3864377.25	2.17154	5.23046	2.9588	4.18221		1.97E-01	0.02213	5.5E-05	0.00969	0.22866		2.48E-01	0.027928	4.7E-05	0.005655	2.82E-01		0.24484	0.02402	3.84E-05	0.006006	0.274905
5124	485863.09	3864377.25	2.20518	5.401	2.90042	4.37935		2.00E-01	0.02285	5.4E-05	0.01014	0.23288		2.52E-01	0.028839	4.61E-05	0.005921	2.87E-01		0.248633	0.024803	3.76E-05	0.006289	0.279763
5125	486363.09	3864377.25	2.12726	6.32347	2.69949	4.39302		1.93E-01	0.02675	5.1E-05	0.01018	0.22975		2.43E-01	0.033764	4.29E-05	0.00594	2.83E-01		0.239848	0.02904	3.5E-05	0.006309	0.275231
5126	486863.09	3864377.25	2.13332	4.90519	2.89581	4.42987		1.93E-01	0.02075	5.4E-05	0.01026	0.22439		2.44E-01	0.026191	4.6E-05	0.00599	2.76E-01		0.240531	0.022526	3.76E-05	0.006362	0.269457
5127	487363.09	3864377.25	2.22635	5.50721	3.00861	4.4093		2.02E-01	0.0233	5.6E-05	0.01021	0.23532		2.55E-01	0.029406	4.78E-05	0.005962	2.90E-01		0.25102	0.025291	3.91E-05	0.006332	0.282682
5128	487863.09	3864377.25	2.34685	5.43229	3.1861	4.57073		2.13E-01	0.02298	6E-05	0.01059	0.2463		2.68E-01	0.029006	5.06E-05	0.00618	3.04E-01		0.264607	0.024947	4.14E-05	0.006564	0.296159
5129	488363.09	3864377.25	2.46018	5.46774	3.32669	4.69584		2.23E-01	0.02313	6.2E-05	0.01088	0.25702		2.81E-01	0.029195	5.29E-05	0.006349	3.17E-01		0.277384	0.02511	4.32E-05	0.006743	0.309281
5130	488863.09	3864377.25	2.63994	5.3412	3.53903	5.11893		2.39E-01	0.0226	6.6E-05	0.01186	0.27376		3.02E-01	0.028519	5.62E-05	0.006921	3.37E-01		0.297652	0.024529	4.59E-05	0.007351	0.329578
5131	489363.09	3864377.25	2.77441	5.17196	3.66889	5.604		2.51E-01	0.02188	6.9E-05	0.01298	0.28635		3.17E-01	0.027616	5.83E-05	0.007577	3.53E-01		0.312814	0.023752	4.76E-05	0.008048	0.344661
5132	489863.09	3864377.25	2.92733	5.30278	3.73253	6.046		2.65E-01	0.02243	7E-05	0.014	0.30179		3.35E-01	0.028314	5.93E-05	0.008175	3.71E-01		0.330055	0.024352	4.84E-05	0.008682	0.363139
5133	490363.09	3864377.25	3.30781	5.45336	4.28757	6.38197		3.00E-01	0.02307	8E-05	0.01478	0.33769		3.78E-01	0.029118	6.81E-05	0.008629	4.16E-01		0.372954	0.025044	5.57E-05	0.009165	0.407219
5134	490863.09	3864377.25	3.70489	5.83375	4.6045	8.2807		3.36E-01	0.02468	8.6E-05	0.01918	0.37969		4.24E-01	0.031149	7.32E-05	0.011196	4.66E-01		0.417725	0.026791	5.98E-05	0.011892	0.456467
5135	491363.09	3864377.25	3.87823	6.94296	4.54502	8.70339		3.51E-01	0.02937	8.5E-05	0.02016	0.40107		4.44E-01	0.037072	7.22E-05	0.011768	4.92E-01		0.437269	0.031885	5.9E-05	0.012499	0.481711
5136	491863.09	3864377.25	4.54395	5.34073	6.09706	2.664		4.12E-01	0.02259	0.00011	0.00617	0.44066		5.20E-01	0.028517	9.69E-05	0.003602	5.52E-01		0.512329	0.024527	7.91E-05	0.003826	0.54076
5137	492363.09	3864377.25	6.24308	7.50065	7.51934	8.57944		5.66E-01	0.03173	0.00014	0.01987	0.6175		7.14E-01	0.04005	0.00012	0.0116	7.66E-01		0.703905	0.034446	9.76E-05	0.012321	0.750769
5138	492863.09	3864377.25	5.9613	6.60175	7.59995	4.95294		5.40E-01	0.02793	0.00014	0.01147	0.57977		6.82E-01	0.03525	0.000121	0.006697	7.24E-01		0.672135	0.030318	9.87E-05	0.007113	0.709664
5139	493363.09	3864377.25	6.94984	8.00021	7.98322	8.86458		6.30E-01	0.03384	0.00015	0.02053	0.68434		7.95E-01	0.042717	0.000127	0.011986	8.50E-01		0.783592	0.03674	0.000104	0.01273	0.833166
5140	493863.09	3864377.25	5.73662	7.5522	5.78527	10.49539		5.20E-01	0.03195	0.00011	0.02431	0.57623		6.56E-01	0.040325	9.19E-05	0.014191	7.11E-01		0.646802	0.034683	7.51E-05	0.015072	0.696631
5141	494363.09	3864377.25	4.88635	6.80211	4.68236	11.65959		4.43E-01	0.02878	8.8E-05	0.02701	0.49868		5.59E-01	0.03632	7.44E-05	0.015765	6.11E-01		0.550934	0.031238	6.08E-05	0.016744	0.598977
5142	494863.09	3864377.25	4.38327	6.26626	4.56276	10.02934		3.97E-01	0.02651	8.5E-05	0.02323	0.44705		5.01E-01	0.033459	7.25E-05	0.013561	5.48E-01		0.494212	0.028777	5.92E-05	0.014403	0.537451
5143	495363.09	3864377.25	4.09132	6.03455	4.29513	8.78349		3.71E-01	0.02553	8E-05	0.02034	0.41672		4.68E-01	0.032222	6.83E-05	0.011876	5.12E-01		0.461295	0.027713	5.58E-05	0.012614	0.501677
5144	495863.09	3864377.25	3.60637	5.89705	4.08111	8.07775		3.27E-01	0.02495	7.6E-05	0.01871	0.37055		4.12E-01	0.031487	6.49E-05	0.010922	4.55E-01		0.406617	0.027081	5.3E-05	0.0116	0.445351
5145	496363.09	3864377.25	3.28098	5.41477	3.67781	6.38541		2.97E-01	0.02291	6.9E-05	0.01479	0.3351		3.75E-01	0.028912	5.85E-05	0.008634	4.13E-01		0.369929	0.024867	4.77E-05	0.00917	0.404014
5146	496863.09	3864377.25	3.28779	5.34317	3.72229	6.38284		2.98E-01	0.0226	7E-05	0.01478	0.3354		3.76E-01	0.02853	5.92E-05	0.00863	4.13E-01		0.370697	0.024538	4.83E-05	0.009166	0.404449
5147	497363.09	3864377.25	2.9388	4.85899	3.43578	5.81241		2.66E-01	0.02056	6.4E-05	0.01346	0.3004		3.36E-01	0.025945	5.46E-05	0.007859	3.70E-01		0.331349	0.022314	4.46E-05	0.008347	0.362055
5148	497863.09	3864377.25	2.88671	4.79833	3.38496	5.7929		2.62E-01	0.0203	6.3E-05	0.01342	0.29538		3.30E-01	0.025621	5.38E-05	0.007833	3.64E-01		0.325476	0.022036	4.39E-05	0.008319	0.355874
5149	498363.09	3864377.25	2.51911	4.45461	3.00684	5.40974		2.28E-01	0.01885	5.6E-05	0.01253	0.25972		2.88E-01	0.023785	4.78E-05	0.007315	3.19E-01		0.284029	0.020457	3.9E-05	0.007769	0.312294
5150	471363.09	3864877.25	1.08485	2.49556	1.46296	2.06664		9.83E-02	0.01056	2.7E-05	0.00479	0.11368		1.24E-01	0.013325	2.33E-05	0.002794	1.40E-01		0.122316	0.011461	1.9E-05	0.002968	0.136764
5151	471863.09	3864877.25	1.07578	2.58085	1.46165	2.0954		9.75E-02	0.01092	2.7E-05	0.00485	0.11329		1.23E-01	0.013781	2.32E-05	0.002833	1.40E-01		0.121294	0.011852	1.9E-05	0.003009	0.136174
5152	472363.09	3864877.25	1.10057	2.77584	1.43219	2.11884		9.97E-02	0.01174	2.7E-05	0.00491	0.11641		1.26E-01	0.014822	2.28E-05	0.002865	1.44E-01		0.124089	0.012748	1.86E-05	0.003043	0.139898
5153	472863.09	3864877.25	1.14992	2.66141	1.4869	2.12772		1.04E-01	0.01126	2.8E-05	0.00493	0.12042		1.32E-01	0.014211	2.36E-05	0.002877	1.49E-01		0.129653	0.012222	1.93E-05	0.003056	0.14495
5154	473363.09	3864877.25	1.17278	2.69388	1.5832	2.09237		1.06E-01	0.0114	3E-05	0.00485	0.12255		1.34E-01	0.014384	2.52E-05	0.002829	1.51E-01		0.132231	0.012371	2.06E-05	0.003005	0.147627
5155	473863.09	3864877.25	1.18474	2.68194	1.62544	2.06904		1.07E-01	0.01135	3E-05	0.00479	0.12353		1.36E-01	0.01432	2.58E-05	0.002798	1.53E-01		0.133579	0.012316	2.11E-05	0.002971	0.148888
5156	474363.09	3864877.25	1.19055	2.45965	1.63705	2.13147		1.08E-01	0.01041	3.1E-05	0.00494	0.12326		1.36E-01	0.013133	2.6E-05	0.002882	1.52E-01		0.134234	0.011296	2.12E-05	0.003061	0.148612
5157	474863.09	3864877.25	1.20248	2.44009	1.64053	2.14103		1.09E-01	0.01032	3.1E-05	0.00496	0.12428		1.38E-01	0.013029	2.61E-05	0.002895	1.53E-01		0.135579	0.011206	2.13E-05	0.003075	0.149881
5158	475363.09	3864877.25	1.19461	2.51927	1.62658	2.20395		1.08E-01	0.01066	3E-05	0.0051	0.12405		1.37E-01	0.013452	2.59E-05	0.00298	1.53E-01		0.134692	0.011569	2.11E-05	0.003165	0.149447
5159	475863.09	3864877.25	1.16053	2.76483	1.54131	2.28359		1.05E-01	0.0117	2.9E-05	0.00529	0.12218		1.33E-01	0.014763	2.45E-05	0.003088	1.51E-01		0.130849	0.012697	2E-05	0.003279	0.146846
5160	476363.09	3864877.25	1.14914	2.99204	1.55461	2.39306		1.04E-01	0.01266	2.9E-05	0.00554	0.12237		1.31E-01	0.015976	2.47E-05	0.003236	1.51E-01		0.129565	0.013741	2.02E-05	0.003437	0.146762
5161	476863.09	3864877.25	1.17215	2.97821	1.59221	2.48302		1.06E-01	0.0126	3E-05	0.00575	0.1246		1.34E-01	0.015902	2.53E-05	0.003357	1.53E-01		0.13216	0.013677	2.07E-05	0.003566	0.149423
5162	477363.09	3864877.25	1.16538	2.93296	1.56393	2.51581		1.06E-01	0.01241	2.9E-05	0.00583	0.12387		1.33E-01	0.015661	2.49E-05	0.003402	1.52E-01		0.131396	0.013469	2.03E-05	0.003613	0.148499
5163	477863.09	3864877.25	1.15827	3.11587	1.56725	2.54886		1.05E-01	0.01318	2.9E-05	0.0059	0.12408		1.32E-01	0.016637	2.49E-05	0.003446	1.53E-01		0.130595	0.014309	2.03E-05	0.00366	0.148584
5164	478363.09	3864877.25	1.18056	3.13581	1.60036	2.56311		1.07E-01	0.01327	3E-05	0.00594	0.12622		1.35E-01	0.016744	2.54E-05	0.003466	1.55E-01		0.133108	0.014401	2.08E-05	0.003681	0.15121
5165	478863.09	3864877.25	1.21643	3.34315	1.64455	2.58863		1.10E-01	0.01414	3.1E-05	0.006	0.13041		1.39E-01	0.017851	2.61E-05	0.0035	1.61E-01		0.137152	0.015353	2.13E-05	0.003717	0.156244
5166	479363.09	3864877.25	1.25041	3.76536	1.69426	2.63272		1.13E-01	0.01593	3.2E-05	0.0061	0.13537		1.43E-01	0.020105	2.69E-05	0.00356	1.67E-01		0.140983	0.017292	2.2E-05	0.003781	0.162078
5167	479863.09	3864877.25	1.27137	3.52575	1.72711	2.61798		1.15E-01	0.01492	3.2E-05	0.00606	0.13623		1.45E-01	0.018826	2.74E-05	0.00354	1.68E-01		0.143347	0.016192	2.24E-05	0.00376	0.16332
5168	480363.09	3864877.25	1.28732	3.63249	1.73983	2.67512		1.17E-01	0.01537	3.3E-05	0.0062	0.13826		1.47E-01	0.019396	2.77E-05	0.003617	1.70E-01		0.145145	0.016682	2.26E-05	0.003842	0.165691
5169	480863.09	3864877.25	1.30992	3.67109	1.76232	2.74462		1.19E-01	0.01553	3.3E-05	0.00636	0.14063		1.50E-01	0.019602	2.8E-05	0.003711	1.73E-01		0.147693	0.016859	2.29E-05	0.003941	0.168516
5170	481363.09	3864877.25	1.33961	3.70423	1.81043	2.72961		1.21E-01	0.01567	3.4E-05	0.00632	0.14343		1.53E-01	0.019779	2.88E-05	0.003691	1.77E-01		0.151041	0.017011	2.35E-05	0.00392	0.171995
5171	481863.09	3864877.25	1.36129	4.13647	1.84148	2.78135		1.23E-01	0.0175	3.4E-05	0.00644	0.14734		1.56E-01	0.022087	2.93E-05	0.003761	1.82E-01		0.153485	0.018996	2.39E-05	0.003994	0.176499
5172	482363.09	3864877.25	1.39108	3.9992	1.87528	2.76432		1.26E-01	0.01692	3.5E-05	0.0064	0.14942		1.59E-01	0.021354	2.98E-05	0.003738	1.84E-01		0.156844	0.018366	2.43E-05	0.00397	0.179204
5173	482863.09	3864877.25	1.57863	4.8414	1.93919	2.78932		1.43E-01	0.02048	3.6E-05	0.00646	0.17004		1.81E-01	0.025851	3.08E-05	0.003771	2.10E-01		0.17799	0.022234	2.52E-05	0.004006	0.204254
5174	483363.09	3864877.25	1.82746	5.0733	2.31747	2.86875		1.66E-01	0.02146	4.3E-05	0.00664	0.19376		2.09E-01	0.027089	3.68E-05	0.003879	2.40E-01		0.206045	0.023298	3.01E-05	0.00412	0.233494
5175	483863.09	3864877.25	1.95828	4.38205	2.66411	3.55049		1.77E-01	0.01854	5E-05	0.00822	0.20428		2.24E-01	0.023398	4.23E-05	0.004801	2.52E-01		0.220795	0.020124	3.46E-05	0.005099	0.246053
5176	484363.09	3864877.25	2.0082	4.13121	2.74381	3.83759		1.82E-01	0.01748	5.1E-05	0.00889	0.2084		2.30E-01	0.022059	4.36E-05	0.005189	2.57E-01		0.226424	0.018972	3.56E-05	0.005511	0.250943
5177	484863.09	3864877.25	2.02451	4.45675	2.76857	3.90629		1.83E-01	0.01885	5.2E-05	0.00905	0.21142		2.32E-01	0.023797	4.4E-05	0.005282	2.61E-01		0.228263	0.020467	3.59E-05	0.00561	0.254375
5178	485363.09	3864877.25	2.09454	4.88546	2.8494	4.05441		1.90E-01	0.02067	5.3E-05	0.00939	0.21992		2.40E-01	0.026086	4.53E-05	0.005482	2.71E-01		0.236159	0.022436	3.7E-05	0.005822	0.264454
5179	485863.09	3864877.25	2.09803	5.08484	2.7233	4.22796		1.90E-01	0.02151	5.1E-05	0.00979	0.22148		2.40E-01	0.027151	4.33E-05	0.005717	2.73E-01		0.236552	0.023351	3.53E-05	0.006072	0.266011
5180	486363.09	3864877.25	2.01198	5.80702	2.55886	4.2383		1.82E-01	0.02457	4.8E-05	0.00982	0.21676		2.30E-01	0.031007	4.07E-05	0.005731	2.67E-01		0.22685	0.026668	3.32E-05	0.006086	0.259638
5181	486863.09	3864877.25	2.00974	4.43836	2.72561	4.15051		1.82E-01	0.01878	5.1E-05	0.00961	0.21057		2.30E-01	0.023699	4.33E-05	0.005612	2.59E-01		0.226597	0.020383	3.54E-05	0.00596	0.252976

5182	487363.09	3864877.25	2.09712	5.04879	2.82745	4.20237	1.90E-01	0.02136	5.3E-05	0.00973	0.22119	2.40E-01	0.026958	4.49E-05	0.005682	2.73E-01	0.23645	0.023186	3.67E-05	0.006035	0.265707
5183	487863.09	3864877.25	2.19614	5.0261	2.98278	4.32327	1.99E-01	0.02126	5.6E-05	0.01001	0.23035	2.51E-01	0.026837	4.74E-05	0.005846	2.84E-01	0.247614	0.023082	3.87E-05	0.006208	0.276943
5184	488363.09	3864877.25	2.28806	5.27839	3.07774	4.45339	2.07E-01	0.02233	5.8E-05	0.01031	0.24005	2.62E-01	0.028184	4.89E-05	0.006021	2.96E-01	0.257978	0.02424	4E-05	0.006395	0.288654
5185	488863.09	3864877.25	2.44551	4.86663	3.24515	4.7881	2.22E-01	0.02059	6.1E-05	0.01109	0.25336	2.80E-01	0.025985	5.16E-05	0.006474	3.12E-01	0.27573	0.022349	4.21E-05	0.006876	0.304998
5186	489363.09	3864877.25	2.60279	4.8978	3.42577	5.24761	2.36E-01	0.02072	6.4E-05	0.01215	0.26881	2.98E-01	0.026152	5.44E-05	0.007095	3.31E-01	0.293464	0.022493	4.45E-05	0.007536	0.323537
5187	489863.09	3864877.25	2.73737	4.81235	3.58129	5.51678	2.48E-01	0.02036	6.7E-05	0.01278	0.28127	3.13E-01	0.025696	5.69E-05	0.007459	3.46E-01	0.308638	0.0221	4.65E-05	0.007922	0.338707
5188	490363.09	3864877.25	2.84538	4.7289	3.69334	5.82378	2.58E-01	0.02001	6.9E-05	0.01349	0.29142	3.25E-01	0.02525	5.87E-05	0.007874	3.59E-01	0.320816	0.021717	4.79E-05	0.008363	0.350944
5189	490863.09	3864877.25	3.51774	5.51474	4.57561	7.2134	3.19E-01	0.02333	8.6E-05	0.01671	0.35891	4.02E-01	0.029446	7.27E-05	0.009753	4.42E-01	0.396624	0.025326	5.94E-05	0.010359	0.432368
5190	491363.09	3864877.25	3.67772	6.32949	4.57754	8.31491	3.33E-01	0.02678	8.6E-05	0.01926	0.3794	4.21E-01	0.033796	7.28E-05	0.011243	4.66E-01	0.414662	0.029067	5.94E-05	0.011941	0.455729
5191	491863.09	3864877.25	3.76835	6.30991	4.61355	8.65536	3.41E-01	0.02669	8.6E-05	0.02005	0.38832	4.31E-01	0.033692	7.33E-05	0.011703	4.76E-01	0.42488	0.028977	5.99E-05	0.01243	0.466347
5192	492363.09	3864877.25	2.25829	2.39507	3.20772	1.61123	2.05E-01	0.01013	6E-05	0.00373	0.21858	2.58E-01	0.012789	5.1E-05	0.002179	2.73E-01	0.254621	0.010999	4.16E-05	0.002314	0.267976
5193	492863.09	3864877.25	4.17991	3.82845	5.70332	2.43528	3.79E-01	0.0162	0.00011	0.00564	0.40074	4.78E-01	0.020442	9.06E-05	0.003293	5.02E-01	0.471283	0.017582	7.4E-05	0.003497	0.492436
5194	493363.09	3864877.25	3.63978	3.59772	4.88568	2.30244	3.30E-01	0.01522	9.1E-05	0.00533	0.35049	4.16E-01	0.01921	7.76E-05	0.003113	4.39E-01	0.410384	0.016522	6.34E-05	0.003306	0.430276
5195	493863.09	3864877.25	6.32716	7.5509	7.05448	8.92807	5.73E-01	0.03194	0.00013	0.02068	0.62614	7.24E-01	0.040318	0.000112	0.012072	7.76E-01	0.713385	0.034677	9.16E-05	0.012821	0.760974
5196	494363.09	3864877.25	4.7951	6.69579	4.712	9.8677	4.35E-01	0.02833	8.8E-05	0.02286	0.48581	5.48E-01	0.035752	7.49E-05	0.013342	5.98E-01	0.540646	0.03075	6.12E-05	0.014171	0.585627
5197	494863.09	3864877.25	4.4486	6.27041	4.27592	10.71906	4.03E-01	0.02653	8E-05	0.02483	0.45458	5.09E-01	0.033481	6.8E-05	0.014493	5.57E-01	0.501578	0.028796	5.55E-05	0.015393	0.545823
5198	495363.09	3864877.25	4.08534	5.87551	4.19691	9.66238	3.70E-01	0.02486	7.9E-05	0.02238	0.41754	4.67E-01	0.031372	6.67E-05	0.013065	5.12E-01	0.460621	0.026983	5.45E-05	0.013876	0.501533
5199	495863.09	3864877.25	3.60356	5.4749	3.8999	6.48091	3.27E-01	0.02316	7.3E-05	0.01501	0.36481	4.12E-01	0.029233	6.2E-05	0.008763	4.50E-01	0.4063	0.025143	5.06E-05	0.009307	0.4408
5200	496363.09	3864877.25	3.50352	5.48064	3.913	8.13219	3.17E-01	0.02319	7.3E-05	0.01884	0.35959	4.01E-01	0.029264	6.22E-05	0.010996	4.41E-01	0.395021	0.025169	5.08E-05	0.011678	0.431919
5201	496863.09	3864877.25	3.13011	5.05265	3.33514	6.80051	2.84E-01	0.02138	6.2E-05	0.01575	0.32085	3.58E-01	0.026979	5.3E-05	0.009195	3.94E-01	0.352919	0.023204	4.33E-05	0.009766	0.385932
5202	497363.09	3864877.25	3.03362	4.96316	3.34038	5.87578	2.75E-01	0.021	6.3E-05	0.01361	0.30958	3.47E-01	0.026501	5.31E-05	0.007945	3.81E-01	0.34204	0.022793	4.34E-05	0.008438	0.373314
5203	497863.09	3864877.25	2.8785	4.69133	3.35561	5.54379	2.61E-01	0.01985	6.3E-05	0.01284	0.29361	3.29E-01	0.025049	5.33E-05	0.007496	3.62E-01	0.32455	0.021544	4.36E-05	0.007961	0.354099
5204	498363.09	3864877.25	2.68579	4.47442	3.05148	5.36831	2.43E-01	0.01893	5.7E-05	0.01243	0.27481	3.07E-01	0.023891	4.85E-05	0.007259	3.38E-01	0.302822	0.020548	3.96E-05	0.007709	0.331119
5205	471363.09	3865377.25	1.01319	2.41205	1.36704	2.02592	9.18E-02	0.0102	2.6E-05	0.00469	0.10674	1.16E-01	0.012879	2.17E-05	0.002739	1.32E-01	0.114237	0.011077	1.77E-05	0.002909	0.128241
5206	471863.09	3865377.25	1.06599	2.51418	1.37902	2.04046	9.66E-02	0.01064	2.6E-05	0.00473	0.11199	1.22E-01	0.013425	2.19E-05	0.002759	1.38E-01	0.12019	0.011546	1.79E-05	0.00293	0.134684
5207	472363.09	3865377.25	1.11617	2.52693	1.45802	2.02975	1.01E-01	0.01069	2.7E-05	0.0047	0.11657	1.28E-01	0.013493	2.32E-05	0.002744	1.44E-01	0.125848	0.011605	1.89E-05	0.002915	0.140386
5208	472863.09	3865377.25	1.1525	2.48145	1.56173	2.00522	1.04E-01	0.0105	2.9E-05	0.00464	0.11961	1.32E-01	0.01325	2.48E-05	0.002711	1.48E-01	0.129944	0.011396	2.03E-05	0.00288	0.14424
5209	473363.09	3865377.25	1.14823	2.33629	1.57623	2.0389	1.04E-01	0.00988	3E-05	0.00472	0.11869	1.31E-01	0.012475	2.51E-05	0.002757	1.47E-01	0.129463	0.010729	2.05E-05	0.002928	0.14314
5210	473863.09	3865377.25	1.14386	2.33016	1.57348	2.1006	1.04E-01	0.00986	2.9E-05	0.00487	0.11841	1.31E-01	0.012442	2.5E-05	0.00284	1.46E-01	0.12897	0.010701	2.04E-05	0.003017	0.142708
5211	474363.09	3865377.25	1.14913	2.26238	1.56655	2.09082	1.04E-01	0.00957	2.9E-05	0.00484	0.11858	1.31E-01	0.01208	2.49E-05	0.002827	1.46E-01	0.129564	0.01039	2.03E-05	0.003003	0.142977
5212	474863.09	3865377.25	1.13782	2.40189	1.53139	2.14282	1.03E-01	0.01016	2.9E-05	0.00496	0.11826	1.30E-01	0.012825	2.43E-05	0.002897	1.46E-01	0.128289	0.01103	1.99E-05	0.003077	0.142416
5213	475363.09	3865377.25	1.09512	2.65863	1.45474	2.19562	9.92E-02	0.01125	2.7E-05	0.00509	0.1156	1.25E-01	0.014196	2.31E-05	0.002969	1.42E-01	0.123474	0.012209	1.89E-05	0.003153	0.138856
5214	475863.09	3865377.25	1.09298	2.74168	1.47922	2.29798	9.90E-02	0.0116	2.8E-05	0.00532	0.116	1.25E-01	0.014639	2.35E-05	0.003107	1.43E-01	0.123233	0.012591	1.92E-05	0.0033	0.139143
5215	476363.09	3865377.25	1.13526	2.72583	1.54005	2.40416	1.03E-01	0.01153	2.9E-05	0.00557	0.12001	1.30E-01	0.014555	2.45E-05	0.003251	1.48E-01	0.128	0.012518	2E-05	0.003453	0.143991
5216	476863.09	3865377.25	1.30042	3.05564	1.7184	2.33587	1.18E-01	0.01293	3.2E-05	0.00541	0.13622	1.49E-01	0.016316	2.73E-05	0.003158	1.68E-01	0.146622	0.014033	2.23E-05	0.003354	0.164031
5217	477363.09	3865377.25	1.11435	3.12181	1.50118	2.4517	1.01E-01	0.01321	2.8E-05	0.00568	0.1199	1.27E-01	0.016669	2.39E-05	0.003315	1.47E-01	0.125643	0.014337	1.95E-05	0.003521	0.143519
5218	477863.09	3865377.25	1.11759	2.89569	1.51705	2.4618	1.01E-01	0.01225	2.8E-05	0.0057	0.11926	1.28E-01	0.015462	2.41E-05	0.003329	1.47E-01	0.126008	0.013298	1.97E-05	0.003535	0.142861
5219	478363.09	3865377.25	1.15018	3.10241	1.54841	2.46097	1.04E-01	0.01312	2.9E-05	0.0057	0.12309	1.32E-01	0.016565	2.46E-05	0.003327	1.51E-01	0.129682	0.014247	2.01E-05	0.003534	0.147484
5220	478863.09	3865377.25	1.17802	3.45773	1.5931	2.50803	1.07E-01	0.01463	3E-05	0.00581	0.12722	1.35E-01	0.018463	2.53E-05	0.003391	1.57E-01	0.132821	0.015879	2.07E-05	0.003602	0.152323
5221	479363.09	3865377.25	1.19929	3.22095	1.62896	2.50116	1.09E-01	0.01363	3E-05	0.00579	0.12813	1.37E-01	0.017198	2.59E-05	0.003382	1.58E-01	0.13522	0.014792	2.11E-05	0.003592	0.153624
5222	479863.09	3865377.25	1.21026	3.354	1.64336	2.5043	1.10E-01	0.01419	3.1E-05	0.0058	0.1297	1.38E-01	0.017909	2.61E-05	0.003386	1.60E-01	0.136456	0.015403	2.13E-05	0.003596	0.155477
5223	480363.09	3865377.25	1.22348	3.34536	1.65397	2.60567	1.11E-01	0.01415	3.1E-05	0.00604	0.13109	1.40E-01	0.017863	2.63E-05	0.003523	1.61E-01	0.137947	0.015363	2.15E-05	0.003742	0.157073
5224	480863.09	3865377.25	1.2537	3.27259	1.69258	2.59516	1.14E-01	0.01384	3.2E-05	0.00601	0.1335	1.43E-01	0.017474	2.69E-05	0.003509	1.64E-01	0.141354	0.015029	2.2E-05	0.003727	0.160132
5225	481363.09	3865377.25	1.27767	3.73656	1.72853	2.64625	1.16E-01	0.01581	3.2E-05	0.00613	0.13775	1.46E-01	0.019951	2.75E-05	0.003578	1.70E-01	0.144057	0.01716	2.24E-05	0.0038	0.165039
5226	481863.09	3865377.25	1.29673	3.7562	1.75167	2.65414	1.18E-01	0.01589	3.3E-05	0.00615	0.13958	1.48E-01	0.020056	2.78E-05	0.003589	1.72E-01	0.146206	0.01725	2.27E-05	0.003811	0.16729
5227	482363.09	3865377.25	1.32565	3.73775	1.76026	2.6468	1.20E-01	0.01581	3.3E-05	0.00613	0.14211	1.52E-01	0.019958	2.8E-05	0.003579	1.75E-01	0.149467	0.017165	2.28E-05	0.003801	0.170456
5228	482863.09	3865377.25	1.54029	4.82032	1.8557	2.66884	1.40E-01	0.02039	3.5E-05	0.00618	0.16619	1.76E-01	0.025738	2.95E-05	0.003609	2.06E-01	0.173667	0.022137	2.41E-05	0.003833	0.199661
5229	483363.09	3865377.25	1.77577	4.6594	2.28278	2.79345	1.61E-01	0.01971	4.3E-05	0.00647	0.18715	2.03E-01	0.024879	3.63E-05	0.003777	2.32E-01	0.200217	0.021398	2.96E-05	0.004012	0.225656
5230	483863.09	3865377.25	1.89291	3.82549	2.57894	3.48917	1.72E-01	0.01618	4.8E-05	0.00808	0.19585	2.17E-01	0.020426	4.1E-05	0.004718	2.42E-01	0.213425	0.017568	3.35E-05	0.005011	0.236037
5231	484363.09	3865377.25	1.93354	3.93289	2.63864	3.71881	1.75E-01	0.01664	4.9E-05	0.00861	0.20052	2.21E-01	0.021	4.19E-05	0.005028	2.47E-01	0.218006	0.018061	3.43E-05	0.00534	0.241442
5232	484863.09	3865377.25	1.95347	4.31522	2.66916	3.77956	1.77E-01	0.01826	5E-05	0.00875	0.20409	2.23E-01	0.023041	4.24E-05	0.00511	2.52E-01	0.220253	0.019817	3.46E-05	0.005428	0.245532
5233	485363.09	3865377.25	2.01438	4.57222	2.7332	3.92469	1.83E-01	0.01934	5.1E-05	0.00909	0.21103	2.30E-01	0.024413	4.34E-05	0.005307	2.60E-01	0.227121	0.020997	3.55E-05	0.005636	0.25379
5234	485863.09	3865377.25	1.9993	4.77178	2.55548	4.08923	1.81E-01	0.02019	4.8E-05	0.00947	0.21089	2.29E-01	0.025479	4.06E-05	0.005529	2.60E-01	0.22542	0.021914	3.32E-05	0.005872	0.25324
5235	486363.09	3865377.25	1.91562	5.2937	2.43774	4.10888	1.74E-01	0.0224	4.6E-05	0.00952	0.20556	2.19E-01	0.028266	3.87E-05	0.005556	2.53E-01	0.215985	0.024311	3.16E-05	0.005901	0.246228
5236	486863.09	3865377.25	1.89742	4.03663	2.56752	3.88737	1.72E-01	0.01708	4.8E-05	0.009	0.19808	2.17E-01	0.021554	4.08E-05	0.005256	2.44E-01	0.213933	0.018538	3.33E-05	0.005582	0.238087
5237	487363.09	3865377.25	1.98946	4.66614	2.68498	4.02257	1.80E-01	0.01974	5E-05	0.00932	0.2094	2.28E-01	0.024915	4.27E-05	0.005439	2.58E-01	0.224311	0.021429	3.49E-05	0.005777	0.251551
5238	487863.09	3865377.25	2.06594	4.6326	2.78454	4.13596	1.87E-01	0.0196	5.2E-05	0.00958	0.21645	2.36E-01	0.024736	4.43E-05	0.005592	2.67E-01	0.232934	0.021275	3.61E-05	0.005939	0.260184
5239	488363.09	3865377.25	2.16566	4.97223	2.92432	4.24047	1.96E-01	0.02104	5.5E-05	0.00982	0.22717	2.48E-01	0.026549	4.65E-05	0.005734	2.80E-01	0.244177	0.022834	3.8E-05	0.00609	0.273139
5240	488863.09	3865377.25	2.29917	4.62837	3.06559	4.45771	2.08E-01	0.01958	5.7E-05	0.01032	0.23832	2.63E-01	0.024713	4.87E-05	0.006027	2.94E-01	0.259231	0.021255	3.98E-05	0.006402	0.286927
5241	489363.09	3865377.25	2.43522	4.76626	3.24309	4.81463	2.21E-01	0.02016	6.1E-05	0.01115	0.25206	2.79E-01	0.02545	5.15E-05	0.00651	3.11E-01	0.27457	0.021888	4.21E-05	0.006914	0.303415
5242	489863.09	3865377.25	2.55124	4.49625	3.36131	5.14659	2.31E-01	0.01902	6.3E-05	0.01192	0.2622	2.92E-01	0.024008	5.34E-05	0.006959	3.23E-01	0.287651	0.020648	4.36E-05	0.007391	0.315734

5243	490363.09	3865377.25	2.73482	4.72578	3.47752	5.82061	2.48E-01	0.01999	6.5E-05	0.01348	0.28137	3.13E-01	0.025233	5.53E-05	0.00787	3.46E-01	0.30835	0.021703	4.51E-05	0.008359	0.338456
5244	490863.09	3865377.25	3.09598	5.05917	3.98119	5.87593	2.81E-01	0.0214	7.5E-05	0.01361	0.31565	3.54E-01	0.027014	6.33E-05	0.007945	3.89E-01	0.349071	0.023234	5.17E-05	0.008438	0.380794
5245	491363.09	3865377.25	3.60096	5.43733	4.47042	7.7686	3.26E-01	0.023	8.4E-05	0.01799	0.36741	4.12E-01	0.029033	7.1E-05	0.010504	4.51E-01	0.406007	0.02497	5.8E-05	0.011156	0.442191
5246	491863.09	3865377.25	3.62111	6.23789	4.28587	8.62785	3.28E-01	0.02639	8E-05	0.01998	0.37461	4.14E-01	0.033307	6.81E-05	0.011666	4.59E-01	0.408279	0.028647	5.56E-05	0.01239	0.449371
5247	492363.09	3865377.25	5.115	7.02333	6.7739	5.76078	4.64E-01	0.02971	0.00013	0.01334	0.50671	5.85E-01	0.037501	0.000108	0.007789	6.30E-01	0.576714	0.032254	8.79E-05	0.008273	0.617329
5248	492863.09	3865377.25	4.79487	4.99299	6.34718	3.35594	4.35E-01	0.02112	0.00012	0.00777	0.46354	5.48E-01	0.02666	0.000101	0.004538	5.80E-01	0.54062	0.02293	8.24E-05	0.004819	0.568451
5249	493363.09	3865377.25	3.71431	3.52614	5.03959	2.2173	3.37E-01	0.01492	9.4E-05	0.00514	0.35675	4.25E-01	0.018828	8.01E-05	0.002998	4.47E-01	0.418787	0.016193	6.54E-05	0.003184	0.43823
5250	493863.09	3865377.25	5.53184	6.34353	6.79345	5.4743	5.01E-01	0.02684	0.00013	0.01268	0.54095	6.33E-01	0.033871	0.000108	0.007402	6.74E-01	0.623713	0.029132	8.82E-05	0.007861	0.660794
5251	494363.09	3865377.25	5.70541	7.00943	6.23961	8.74728	5.17E-01	0.02965	0.00012	0.02026	0.56707	6.53E-01	0.037427	9.92E-05	0.011827	7.02E-01	0.643283	0.03219	8.1E-05	0.012562	0.688115
5252	494863.09	3865377.25	4.67252	6.3556	4.63586	9.16855	4.23E-01	0.02689	8.7E-05	0.02124	0.47164	5.34E-01	0.033936	7.37E-05	0.012397	5.81E-01	0.526825	0.029187	6.02E-05	0.013167	0.569239
5253	495363.09	3865377.25	4.21478	5.81068	3.99666	9.99076	3.82E-01	0.02458	7.5E-05	0.02314	0.42975	4.82E-01	0.031026	6.35E-05	0.013509	5.27E-01	0.475215	0.026685	5.19E-05	0.014347	0.516299
5254	495863.09	3865377.25	3.73749	5.4983	3.85014	8.91206	3.39E-01	0.02326	7.2E-05	0.02064	0.38267	4.27E-01	0.029358	6.12E-05	0.01205	4.69E-01	0.421401	0.02525	5E-05	0.012798	0.459499
5255	496363.09	3865377.25	3.60333	5.07007	3.67374	8.06139	3.27E-01	0.02145	6.9E-05	0.01867	0.36673	4.12E-01	0.027072	5.84E-05	0.0109	4.50E-01	0.406274	0.023284	4.77E-05	0.011577	0.441182
5256	496863.09	3865377.25	3.54129	5.17586	3.76609	8.77037	3.21E-01	0.0219	7.1E-05	0.02031	0.3632	4.05E-01	0.027637	5.99E-05	0.011858	4.45E-01	0.399279	0.023769	4.89E-05	0.012595	0.435692
5257	497363.09	3865377.25	2.90957	4.73051	3.11942	6.72428	2.64E-01	0.02001	5.8E-05	0.01557	0.29932	3.33E-01	0.025259	4.96E-05	0.009092	3.67E-01	0.328053	0.021724	4.05E-05	0.009656	0.359474
5258	497863.09	3865377.25	2.84276	4.58271	3.03607	6.12873	2.58E-01	0.01939	5.7E-05	0.0142	0.29126	3.25E-01	0.024469	4.83E-05	0.008287	3.58E-01	0.32052	0.021046	3.94E-05	0.008801	0.350406
5259	498363.09	3865377.25	2.81867	4.55108	3.1603	6.59391	2.55E-01	0.01925	5.9E-05	0.01527	0.29002	3.22E-01	0.024301	5.02E-05	0.008916	3.56E-01	0.317804	0.0209	4.1E-05	0.009469	0.348215
5260	471363.09	3865877.25	1.04359	2.41367	1.33526	1.95053	9.46E-02	0.01021	2.5E-05	0.00452	0.10933	1.19E-01	0.012888	2.12E-05	0.002637	1.35E-01	0.117664	0.011084	1.73E-05	0.002801	0.131567
5261	471863.09	3865877.25	1.08476	2.32477	1.42702	1.92305	9.83E-02	0.00983	2.7E-05	0.00445	0.11262	1.24E-01	0.012413	2.27E-05	0.0026	1.39E-01	0.122306	0.010676	1.85E-05	0.002762	0.135763
5262	472363.09	3865877.25	1.12566	2.17523	1.52951	1.94161	1.02E-01	0.0092	2.9E-05	0.0045	0.11574	1.29E-01	0.011615	2.43E-05	0.002625	1.43E-01	0.126918	0.009989	1.99E-05	0.002788	0.139715
5263	472863.09	3865877.25	1.10982	2.18623	1.52293	2.01946	1.01E-01	0.00925	2.9E-05	0.00468	0.11453	1.27E-01	0.011673	2.42E-05	0.002731	1.41E-01	0.125132	0.01004	1.98E-05	0.0029	0.138092
5264	473363.09	3865877.25	1.10147	2.19351	1.51679	2.04117	9.98E-02	0.00928	2.8E-05	0.00473	0.11385	1.26E-01	0.011712	2.41E-05	0.00276	1.40E-01	0.12419	0.010073	1.97E-05	0.002931	0.137215
5265	473863.09	3865877.25	1.10239	2.13689	1.49573	2.03362	9.99E-02	0.00904	2.8E-05	0.00471	0.11368	1.26E-01	0.01141	2.38E-05	0.00275	1.40E-01	0.124294	0.009813	1.94E-05	0.00292	0.137047
5266	474363.09	3865877.25	1.07867	2.39726	1.42756	2.07243	9.78E-02	0.01014	2.7E-05	0.0048	0.11272	1.23E-01	0.0128	2.27E-05	0.002802	1.39E-01	0.12162	0.011009	1.85E-05	0.002976	0.135623
5267	474863.09	3865877.25	1.04605	2.57447	1.39305	2.12787	9.48E-02	0.01089	2.6E-05	0.00493	0.11064	1.20E-01	0.013746	2.21E-05	0.002877	1.36E-01	0.117942	0.011823	1.81E-05	0.003056	0.132839
5268	475363.09	3865877.25	1.04715	2.57647	1.41628	2.21692	9.49E-02	0.0109	2.7E-05	0.00513	0.11096	1.20E-01	0.013757	2.25E-05	0.002998	1.37E-01	0.118066	0.011832	1.84E-05	0.003184	0.1331
5269	475863.09	3865877.25	1.05624	2.44018	1.43064	2.29854	9.57E-02	0.01032	2.7E-05	0.00532	0.11139	1.21E-01	0.013029	2.27E-05	0.003108	1.37E-01	0.119091	0.011206	1.86E-05	0.003301	0.133616
5270	476363.09	3865877.25	1.09066	2.62546	1.43949	2.31608	9.88E-02	0.01111	2.7E-05	0.00536	0.11534	1.25E-01	0.014019	2.29E-05	0.003132	1.42E-01	0.122972	0.012057	1.87E-05	0.003326	0.138373
5271	476863.09	3865877.25	1.27245	3.29498	1.72276	2.23941	1.15E-01	0.01394	3.2E-05	0.00519	0.13447	1.46E-01	0.017594	2.74E-05	0.003028	1.66E-01	0.143468	0.015132	2.24E-05	0.003216	0.161838
5272	477363.09	3865877.25	1.08421	2.81854	1.46998	2.36581	9.83E-02	0.01192	2.8E-05	0.00548	0.11568	1.24E-01	0.01505	2.34E-05	0.003199	1.42E-01	0.122244	0.012944	1.91E-05	0.003397	0.138605
5273	477863.09	3865877.25	1.09051	2.86615	1.46401	2.36787	9.88E-02	0.01213	2.7E-05	0.00548	0.11646	1.25E-01	0.015304	2.33E-05	0.003202	1.43E-01	0.122955	0.013162	1.9E-05	0.0034	0.139536
5274	478363.09	3865877.25	1.11802	3.20972	1.51383	2.39474	1.01E-01	0.01358	2.8E-05	0.00555	0.12047	1.28E-01	0.017138	2.41E-05	0.003238	1.48E-01	0.126056	0.01474	1.97E-05	0.003439	0.144255
5275	478863.09	3865877.25	1.14029	3.0307	1.54701	2.39655	1.03E-01	0.01282	2.9E-05	0.00555	0.12174	1.30E-01	0.016182	2.46E-05	0.00324	1.50E-01	0.128567	0.013918	2.01E-05	0.003442	0.145947
5276	479363.09	3865877.25	1.14777	3.01992	1.55762	2.39973	1.04E-01	0.01278	2.9E-05	0.00556	0.12238	1.31E-01	0.016125	2.48E-05	0.003245	1.51E-01	0.129411	0.013869	2.02E-05	0.003446	0.146746
5277	479863.09	3865877.25	1.15568	3.10222	1.56336	2.45464	1.05E-01	0.01312	2.9E-05	0.00569	0.12357	1.32E-01	0.016564	2.48E-05	0.003319	1.52E-01	0.130303	0.014247	2.03E-05	0.003525	0.148094
5278	480363.09	3865877.25	1.17814	3.07112	1.58919	2.48673	1.07E-01	0.01299	3E-05	0.00576	0.12555	1.35E-01	0.016398	2.53E-05	0.003362	1.55E-01	0.132835	0.014104	2.06E-05	0.003571	0.15053
5279	480863.09	3865877.25	1.20402	3.31364	1.63005	2.49078	1.09E-01	0.01402	3.1E-05	0.00577	0.12893	1.38E-01	0.017693	2.59E-05	0.003368	1.59E-01	0.135753	0.015217	2.12E-05	0.003577	0.154568
5280	481363.09	3865877.25	1.22078	3.44347	1.65359	2.5483	1.11E-01	0.01457	3.1E-05	0.0059	0.13113	1.40E-01	0.018386	2.63E-05	0.003446	1.61E-01	0.137643	0.015814	2.15E-05	0.003659	0.157137
5281	481863.09	3865877.25	1.2384	3.28425	1.66742	2.53378	1.12E-01	0.01389	3.1E-05	0.00587	0.13202	1.42E-01	0.017536	2.65E-05	0.003426	1.63E-01	0.139629	0.015082	2.16E-05	0.003639	0.158372
5282	482363.09	3865877.25	1.29411	3.59002	1.69879	2.55306	1.17E-01	0.01519	3.2E-05	0.00591	0.13841	1.48E-01	0.019169	2.7E-05	0.003452	1.71E-01	0.14591	0.016487	2.21E-05	0.003666	0.166086
5283	482863.09	3865877.25	1.51311	4.54853	1.77741	2.59772	1.37E-01	0.01924	3.3E-05	0.00602	0.16241	1.73E-01	0.024287	2.82E-05	0.003512	2.01E-01	0.170603	0.020889	2.31E-05	0.00373	0.195245
5284	483363.09	3865877.25	1.73186	4.42849	2.25229	2.76705	1.57E-01	0.01873	4.2E-05	0.00641	0.18213	1.98E-01	0.023646	3.58E-05	0.003741	2.26E-01	0.195267	0.020337	2.92E-05	0.003974	0.219607
5285	483863.09	3865877.25	1.83875	3.60042	2.506	3.43889	1.67E-01	0.01523	4.7E-05	0.00797	0.18988	2.10E-01	0.019225	3.98E-05	0.00465	2.34E-01	0.207318	0.016534	3.25E-05	0.004938	0.228824
5286	484363.09	3865877.25	1.87464	3.72504	2.55048	3.63076	1.70E-01	0.01576	4.8E-05	0.00841	0.1941	2.14E-01	0.01989	4.05E-05	0.004909	2.39E-01	0.211365	0.017107	3.31E-05	0.005214	0.233719
5287	484863.09	3865877.25	1.88529	4.12888	2.58313	3.65148	1.71E-01	0.01747	4.8E-05	0.00846	0.19682	2.16E-01	0.022046	4.11E-05	0.004937	2.43E-01	0.212566	0.018961	3.35E-05	0.005244	0.236804
5288	485363.09	3865877.25	1.93559	4.27457	2.61543	3.79976	1.75E-01	0.01808	4.9E-05	0.0088	0.20234	2.21E-01	0.022824	4.16E-05	0.005138	2.49E-01	0.218237	0.01963	3.39E-05	0.005457	0.243358
5289	485863.09	3865877.25	1.90965	4.71983	2.3989	3.96271	1.73E-01	0.01997	4.5E-05	0.00918	0.20225	2.18E-01	0.025202	3.81E-05	0.005358	2.49E-01	0.215312	0.021675	3.11E-05	0.005691	0.242709
5290	486363.09	3865877.25	1.81738	4.769	2.31766	3.97384	1.65E-01	0.02018	4.3E-05	0.0092	0.19412	2.08E-01	0.025464	3.68E-05	0.005373	2.39E-01	0.204909	0.021901	3.01E-05	0.005707	0.232547
5291	486863.09	3865877.25	1.78977	3.71277	2.41238	3.64803	1.62E-01	0.01571	4.5E-05	0.00845	0.18639	2.05E-01	0.019824	3.83E-05	0.004933	2.30E-01	0.201796	0.01705	3.13E-05	0.005239	0.224116
5292	487363.09	3865877.25	1.88667	4.32365	2.55079	3.84815	1.71E-01	0.01829	4.8E-05	0.00891	0.19823	2.16E-01	0.023086	4.05E-05	0.005203	2.44E-01	0.212721	0.019856	3.31E-05	0.005526	0.238136
5293	487863.09	3865877.25	1.95549	4.27001	2.64129	3.96561	1.77E-01	0.01806	4.9E-05	0.00919	0.20451	2.24E-01	0.0228	4.2E-05	0.005362	2.52E-01	0.220481	0.019609	3.43E-05	0.005695	0.245819
5294	488363.09	3865877.25	2.05168	4.60469	2.7696	4.01413	1.86E-01	0.01948	5.2E-05	0.0093	0.21476	2.35E-01	0.024587	4.4E-05	0.005428	2.65E-01	0.231326	0.021146	3.6E-05	0.005765	0.258273
5295	488863.09	3865877.25	2.1461	4.32547	2.88977	4.19129	1.94E-01	0.0183	5.4E-05	0.00971	0.22254	2.45E-01	0.023096	4.59E-05	0.005667	2.74E-01	0.241972	0.019864	3.75E-05	0.006019	0.267893
5296	489363.09	3865877.25	2.27684	4.36821	2.99271	4.47742	2.06E-01	0.01848	5.6E-05	0.01037	0.23524	2.60E-01	0.023324	4.76E-05	0.006054	2.90E-01	0.256713	0.02006	3.88E-05	0.00643	0.283242
5297	489863.09	3865877.25	2.40375	4.16516	3.08351	4.91276	2.18E-01	0.01762	5.8E-05	0.01138	0.24689	2.75E-01	0.02224	4.9E-05	0.006643	3.04E-01	0.271022	0.019128	4E-05	0.007055	0.297245
5298	490363.09	3865877.25	2.57731	4.40763	3.32818	5.06467	2.34E-01	0.01865	6.2E-05	0.01173	0.264	2.95E-01	0.023535	5.29E-05	0.006848	3.25E-01	0.290591	0.020241	4.32E-05	0.007273	0.318149
5299	490863.09	3865877.25	2.63453	4.43719	3.41586	5.58414	2.39E-01	0.01877	6.4E-05	0.01293	0.27052	3.01E-01	0.023692	5.43E-05	0.00755	3.33E-01	0.297042	0.020377	4.43E-05	0.008019	0.325483
5300	491363.09	3865877.25	3.4146	5.20623	4.41536	5.82889	3.09E-01	0.02203	8.3E-05	0.0135	0.34505	3.91E-01	0.027799	7.02E-05	0.007881	4.26E-01	0.384995	0.023909	5.73E-05	0.008371	0.417332
5301	491863.09	3865877.25	3.87941	6.08034	4.88132	7.74693	3.52E-01	0.02572	9.1E-05	0.01794	0.39532	4.44E-01	0.032466	7.76E-05	0.010475	4.87E-01	0.437402	0.027923	6.34E-05	0.011125	0.476514
5302	492363.09	3865877.25	4.55736	7.06465	5.07213	7.30871	4.13E-01	0.02989	9.5E-05	0.01693	0.45991	5.21E-01	0.037722	8.06E-05	0.009882	5.69E-01	0.513841	0.032443	6.58E-05	0.010496	0.556846
5303	492863.09	3865877.25	4.62418	5.14493	6.04898	3.70711	4.19E-01	0.02177	0.00011	0.00859	0.44952	5.29E-01	0.027471	9.61E-05	0.005012	5.61E-01	0.521375	0.023627	7.85E-05	0.005324	0.550404

5304	493363.09	3865877.25	5.00933	5.15424	6.56028	3.92274	4.54E-01	0.02181	0.00012	0.00909	0.48497	5.73E-01	0.027521	0.000104	0.005304	6.06E-01	0.5648	0.02367	8.52E-05	0.005633	0.594189
5305	493863.09	3865877.25	5.66217	6.50471	7.10941	6.10591	5.13E-01	0.02752	0.00013	0.01414	0.55491	6.48E-01	0.034732	0.000113	0.008256	6.91E-01	0.638408	0.029872	9.23E-05	0.008768	0.67714
5306	494363.09	3865877.25	5.24371	6.19871	5.99096	7.25024	4.75E-01	0.02622	0.00011	0.01679	0.51832	6.00E-01	0.033098	9.52E-05	0.009803	6.43E-01	0.591227	0.028467	7.78E-05	0.010412	0.630183
5307	494863.09	3865877.25	4.06115	5.07561	4.02396	8.74545	3.68E-01	0.02147	7.5E-05	0.02026	0.40983	4.65E-01	0.027101	6.4E-05	0.011825	5.03E-01	0.457893	0.023309	5.22E-05	0.012559	0.493814
5308	495363.09	3865877.25	3.86949	5.33014	3.77439	8.53625	3.51E-01	0.02255	7.1E-05	0.01977	0.39305	4.43E-01	0.02846	6E-05	0.011542	4.83E-01	0.436284	0.024478	4.9E-05	0.012259	0.473069
5309	495863.09	3865877.25	4.06173	5.40552	3.84953	9.34797	3.68E-01	0.02287	7.2E-05	0.02165	0.41267	4.65E-01	0.028863	6.12E-05	0.012639	5.06E-01	0.457959	0.024824	5E-05	0.013424	0.496257
5310	496363.09	3865877.25	4.21568	5.81163	4.10506	9.24866	3.82E-01	0.02459	7.7E-05	0.02142	0.42812	4.82E-01	0.031031	6.52E-05	0.012505	5.26E-01	0.475316	0.026689	5.33E-05	0.013282	0.51534
5311	496863.09	3865877.25	4.46599	5.73167	4.48643	7.92703	4.05E-01	0.02425	8.4E-05	0.01836	0.44741	5.11E-01	0.030604	7.13E-05	0.010718	5.52E-01	0.503539	0.026322	5.82E-05	0.011384	0.541303
5312	497363.09	3865877.25	3.70971	4.85725	3.78803	8.49854	3.36E-01	0.02055	7.1E-05	0.01968	0.37649	4.24E-01	0.025935	6.02E-05	0.011491	4.62E-01	0.418269	0.022306	4.92E-05	0.012204	0.452828
5313	497863.09	3865877.25	2.89236	4.55479	3.14071	7.15691	2.62E-01	0.01927	5.9E-05	0.01658	0.29802	3.31E-01	0.02432	4.99E-05	0.009677	3.65E-01	0.326113	0.020917	4.08E-05	0.010278	0.357348
5314	498363.09	3865877.25	3.45126	4.82639	3.41322	7.19332	3.13E-01	0.02042	6.4E-05	0.01666	0.3499	3.95E-01	0.025771	5.42E-05	0.009726	4.30E-01	0.389128	0.022165	4.43E-05	0.01033	0.421667
5315	471363.09	3866377.25	1.05742	2.06686	1.40019	1.8824	9.58E-02	0.00874	2.6E-05	0.00436	0.10896	1.21E-01	0.011036	2.23E-05	0.002545	1.35E-01	0.119224	0.009492	1.82E-05	0.002703	0.131437
5316	471863.09	3866377.25	1.0856	1.92143	1.47714	1.89482	9.84E-02	0.00813	2.8E-05	0.00439	0.11092	1.24E-01	0.01026	2.35E-05	0.002562	1.37E-01	0.122401	0.008824	1.92E-05	0.002721	0.133965
5317	472363.09	3866377.25	1.08466	2.09544	1.49442	1.96668	9.83E-02	0.00886	2.8E-05	0.00456	0.11174	1.24E-01	0.011189	2.38E-05	0.002659	1.38E-01	0.122295	0.009623	1.94E-05	0.002824	0.134762
5318	472863.09	3866377.25	1.06267	2.07794	1.46152	1.99198	9.63E-02	0.00879	2.7E-05	0.00461	0.10973	1.22E-01	0.011095	2.32E-05	0.002693	1.35E-01	0.119816	0.009543	1.9E-05	0.002861	0.132238
5319	473363.09	3866377.25	1.05699	2.10316	1.42061	1.98034	9.58E-02	0.0089	2.7E-05	0.00459	0.1093	1.21E-01	0.01123	2.26E-05	0.002678	1.35E-01	0.119175	0.009658	1.84E-05	0.002844	0.131696
5320	473863.09	3866377.25	1.02748	2.33331	1.34061	2.01626	9.31E-02	0.00987	2.5E-05	0.00467	0.10768	1.18E-01	0.012459	2.13E-05	0.002726	1.33E-01	0.115848	0.010715	1.74E-05	0.002895	0.129476
5321	474363.09	3866377.25	0.98966	2.43975	1.32523	2.0481	8.97E-02	0.01032	2.5E-05	0.00474	0.10478	1.13E-01	0.013027	2.11E-05	0.002769	1.29E-01	0.111584	0.011204	1.72E-05	0.002941	0.125746
5322	474863.09	3866377.25	1.00305	2.38213	1.35502	2.13817	9.09E-02	0.01008	2.5E-05	0.00495	0.10595	1.15E-01	0.012719	2.15E-05	0.002891	1.30E-01	0.113094	0.01094	1.76E-05	0.003071	0.127121
5323	475363.09	3866377.25	1.004	2.24157	1.3558	2.21809	9.10E-02	0.00948	2.5E-05	0.00514	0.10563	1.15E-01	0.011969	2.15E-05	0.002999	1.30E-01	0.113201	0.010294	1.76E-05	0.003185	0.126698
5324	475863.09	3866377.25	0.98903	2.38739	1.29798	2.24548	8.96E-02	0.0101	2.4E-05	0.0052	0.10495	1.13E-01	0.012748	2.06E-05	0.003036	1.29E-01	0.111513	0.010964	1.68E-05	0.003225	0.125718
5325	476363.09	3866377.25	1.02157	2.88563	1.35943	2.27544	9.26E-02	0.01221	2.5E-05	0.00527	0.11008	1.17E-01	0.015408	2.16E-05	0.003077	1.35E-01	0.115182	0.013252	1.76E-05	0.003268	0.131719
5326	476863.09	3866377.25	1.30422	3.1883	1.75395	2.11223	1.18E-01	0.01349	3.3E-05	0.00489	0.1366	1.49E-01	0.017024	2.79E-05	0.002856	1.69E-01	0.14705	0.014642	2.28E-05	0.003033	0.164748
5327	477363.09	3866377.25	1.05951	2.73484	1.42341	2.24889	9.60E-02	0.01157	2.7E-05	0.00521	0.11282	1.21E-01	0.014603	2.26E-05	0.003041	1.39E-01	0.119459	0.012559	1.85E-05	0.00323	0.135267
5328	477863.09	3866377.25	1.07406	3.003	1.44896	2.28713	9.73E-02	0.0127	2.7E-05	0.0053	0.11536	1.23E-01	0.016035	2.3E-05	0.003092	1.42E-01	0.1211	0.013791	1.88E-05	0.003284	0.138194
5329	478363.09	3866377.25	1.08476	2.81075	1.46769	2.30361	9.83E-02	0.01189	2.7E-05	0.00534	0.11556	1.24E-01	0.015008	2.33E-05	0.003115	1.42E-01	0.122306	0.012908	1.91E-05	0.003308	0.138541
5330	478863.09	3866377.25	1.09604	2.79282	1.4867	2.31557	9.93E-02	0.01182	2.8E-05	0.00536	0.11653	1.25E-01	0.014912	2.36E-05	0.003131	1.43E-01	0.123578	0.012826	1.93E-05	0.003325	0.139748
5331	479363.09	3866377.25	1.10161	2.89312	1.4971	2.31729	9.98E-02	0.01224	2.8E-05	0.00537	0.11746	1.26E-01	0.015448	2.38E-05	0.003133	1.45E-01	0.124206	0.013286	1.94E-05	0.003328	0.14084
5332	479863.09	3866377.25	1.12119	2.90709	1.51558	2.38552	1.02E-01	0.0123	2.8E-05	0.00553	0.11946	1.28E-01	0.015522	2.41E-05	0.003225	1.47E-01	0.126414	0.01335	1.97E-05	0.003426	0.14321
5333	480363.09	3866377.25	1.15214	2.98305	1.55284	2.39879	1.04E-01	0.01262	2.9E-05	0.00556	0.12261	1.32E-01	0.015928	2.47E-05	0.003243	1.51E-01	0.129903	0.013699	2.02E-05	0.003445	0.147068
5334	480863.09	3866377.25	1.16557	3.27547	1.57964	2.43903	1.06E-01	0.01386	3E-05	0.00565	0.12516	1.33E-01	0.017489	2.51E-05	0.003298	1.54E-01	0.131418	0.015042	2.05E-05	0.003503	0.149983
5335	481363.09	3866377.25	1.17805	3.15713	1.59508	2.44763	1.07E-01	0.01336	3E-05	0.00567	0.12581	1.35E-01	0.016858	2.54E-05	0.003309	1.55E-01	0.132825	0.014499	2.07E-05	0.003515	0.150859
5336	481863.09	3866377.25	1.18259	3.19404	1.57506	2.44159	1.07E-01	0.01351	2.9E-05	0.00566	0.12637	1.35E-01	0.017055	2.5E-05	0.003301	1.56E-01	0.133337	0.014668	2.04E-05	0.003506	0.151532
5337	482363.09	3866377.25	1.27001	3.63326	1.64718	2.45473	1.15E-01	0.01537	3.1E-05	0.00569	0.13618	1.45E-01	0.0194	2.62E-05	0.003319	1.68E-01	0.143193	0.016685	2.14E-05	0.003525	0.163425
5338	482863.09	3866377.25	1.49546	4.34699	1.74823	2.53077	1.36E-01	0.01839	3.3E-05	0.00586	0.15981	1.71E-01	0.023211	2.78E-05	0.003422	1.98E-01	0.168613	0.019963	2.27E-05	0.003634	0.192233
5339	483363.09	3866377.25	1.69505	3.95729	2.22541	2.78887	1.54E-01	0.01674	4.2E-05	0.00646	0.17685	1.94E-01	0.02113	3.54E-05	0.003771	2.19E-01	0.191116	0.018173	2.89E-05	0.004005	0.213324
5340	483863.09	3866377.25	1.7851	3.18215	2.4356	3.38449	1.62E-01	0.01346	4.6E-05	0.00784	0.18312	2.04E-01	0.016991	3.87E-05	0.004576	2.26E-01	0.201269	0.014614	3.16E-05	0.00486	0.220775
5341	484363.09	3866377.25	1.804	3.49437	2.44792	3.51676	1.63E-01	0.01478	4.6E-05	0.00815	0.18646	2.06E-01	0.018658	3.89E-05	0.004755	2.30E-01	0.2034	0.016047	3.18E-05	0.00505	0.22453
5342	484863.09	3866377.25	1.83273	3.79816	2.51325	3.56951	1.66E-01	0.01607	4.7E-05	0.00827	0.19047	2.10E-01	0.02028	3.99E-05	0.004826	2.35E-01	0.20664	0.017443	3.26E-05	0.005126	0.229241
5343	485363.09	3866377.25	1.86353	3.93504	2.50282	3.68993	1.69E-01	0.01665	4.7E-05	0.00855	0.19412	2.13E-01	0.021011	3.98E-05	0.004989	2.39E-01	0.210112	0.018071	3.25E-05	0.005299	0.233515
5344	485863.09	3866377.25	1.81917	4.59336	2.24628	3.83299	1.65E-01	0.01943	4.2E-05	0.00888	0.19321	2.08E-01	0.024526	3.57E-05	0.005183	2.38E-01	0.205111	0.021094	2.92E-05	0.005504	0.231739
5345	486363.09	3866377.25	1.72471	4.3076	2.20588	3.84318	1.56E-01	0.01822	4.1E-05	0.0089	0.18346	1.97E-01	0.023001	3.51E-05	0.005196	2.26E-01	0.19446	0.019782	2.86E-05	0.005519	0.21979
5346	486863.09	3866377.25	1.69206	3.47644	2.26663	3.44989	1.53E-01	0.01471	4.2E-05	0.00799	0.17608	1.94E-01	0.018563	3.6E-05	0.004665	2.17E-01	0.190779	0.015965	2.94E-05	0.004954	0.211728
5347	487363.09	3866377.25	1.84949	4.15434	2.50179	3.71943	1.68E-01	0.01757	4.7E-05	0.00861	0.19384	2.12E-01	0.022182	3.98E-05	0.005029	2.39E-01	0.208529	0.019078	3.25E-05	0.005341	0.232981
5348	487863.09	3866377.25	1.93014	4.07954	2.59005	3.83532	1.75E-01	0.01726	4.8E-05	0.00888	0.2011	2.21E-01	0.021783	4.12E-05	0.005186	2.48E-01	0.217623	0.018735	3.36E-05	0.005508	0.241899
5349	488363.09	3866377.25	2.02167	4.4036	2.71459	3.85926	1.83E-01	0.01863	5.1E-05	0.00894	0.21083	2.31E-01	0.023513	4.31E-05	0.005218	2.60E-01	0.227943	0.020223	3.52E-05	0.005542	0.253743
5350	488863.09	3866377.25	2.09512	4.19682	2.81024	4.08457	1.90E-01	0.01775	5.3E-05	0.00946	0.21713	2.40E-01	0.022409	4.47E-05	0.005523	2.68E-01	0.236224	0.019273	3.65E-05	0.005866	0.2614
5351	489363.09	3866377.25	2.21214	4.13965	2.89692	4.38142	2.00E-01	0.01751	5.4E-05	0.01015	0.22818	2.53E-01	0.022104	4.6E-05	0.005924	2.81E-01	0.249418	0.019011	3.76E-05	0.006292	0.274758
5352	489863.09	3866377.25	2.39205	4.032	3.15904	4.68059	2.17E-01	0.01706	5.9E-05	0.01084	0.24473	2.74E-01	0.021529	5.02E-05	0.006329	3.02E-01	0.269703	0.018516	4.1E-05	0.006722	0.294982
5353	490363.09	3866377.25	2.37708	4.01702	3.12097	4.69451	2.15E-01	0.01699	5.8E-05	0.01087	0.24334	2.72E-01	0.021449	4.96E-05	0.006347	3.00E-01	0.268015	0.018448	4.05E-05	0.006742	0.293245
5354	490863.09	3866377.25	2.42778	3.88594	3.04472	5.06855	2.20E-01	0.01644	5.7E-05	0.01174	0.24825	2.78E-01	0.020749	4.84E-05	0.006853	3.05E-01	0.273731	0.017846	3.95E-05	0.007279	0.298895
5355	491363.09	3866377.25	2.67701	4.33116	3.41703	5.25263	2.43E-01	0.01832	6.4E-05	0.01217	0.27315	3.06E-01	0.023126	5.43E-05	0.007102	3.36E-01	0.301832	0.01989	4.44E-05	0.007543	0.32931
5356	491863.09	3866377.25	4.24691	5.31372	5.41858	6.21548	3.85E-01	0.02248	0.0001	0.0144	0.42184	4.86E-01	0.028373	8.61E-05	0.008404	5.23E-01	0.478838	0.024403	7.03E-05	0.008926	0.512236
5357	492363.09	3866377.25	4.40679	6.56619	5.32113	7.27666	3.99E-01	0.02778	1E-04	0.01685	0.44408	5.04E-01	0.03506	8.46E-05	0.009839	5.49E-01	0.496864	0.030154	6.91E-05	0.01045	0.537537
5358	492863.09	3866377.25	4.38898	6.80351	5.42354	5.41554	3.98E-01	0.02878	0.0001	0.01254	0.43917	5.02E-01	0.036327	8.62E-05	0.007322	5.46E-01	0.494856	0.031244	7.04E-05	0.007777	0.533948
5359	493363.09	3866377.25	4.76479	4.99262	5.77055	5.50308	4.32E-01	0.02112	0.00011	0.01275	0.46577	5.45E-01	0.026658	9.17E-05	0.007441	5.79E-01	0.537228	0.022928	7.49E-05	0.007903	0.568134
5360	493863.09	3866377.25	5.04654	5.84861	6.11184	6.74638	4.57E-01	0.02474	0.00011	0.01563	0.49781	5.77E-01	0.031229	9.71E-05	0.009122	6.18E-01	0.568996	0.026859	7.93E-05	0.009688	0.605622
5361	494363.09	3866377.25	4.19302	5.90786	4.47672	8.18329	3.80E-01	0.02499	8.4E-05	0.01895	0.42401	4.80E-01	0.031545	7.11E-05	0.011065	5.22E-01	0.472762	0.027131	5.81E-05	0.011752	0.511702
5362	494863.09	3866377.25	4.28388	5.46569	4.62629	7.36214	3.88E-01	0.02312	8.7E-05	0.01705	0.42848	4.90E-01	0.029184	7.35E-05	0.009954	5.29E-01	0.483006	0.0251	6.01E-05	0.010572	0.518739
5363	495363.09	3866377.25	4.75803	5.99758	5.05746	7.92174	4.31E-01	0.02537	9.5E-05	0.01835	0.475	5.44E-01	0.032024	8.04E-05	0.010711	5.87E-01	0.536466	0.027543	6.56E-05	0.011376	0.575451
5364	495863.09	3866377.25	5.1637	6.48186	5.53912	7.76814	4.68E-01	0.02742	0.0001	0.01799	0.51346	5.91E-01	0.03461	8.8E-05	0.010503	6.36E-01	0.582205	0.029767	7.19E-05	0.011155	0.6232

5365	496363.09	3866377.25	5.37371	6.99795	5.73016	8.52945		4.87E-01	0.0296	0.00011	0.01976	0.53644		6.15E-01	0.037366	9.11E-05	0.011533	6.64E-01		0.605884	0.032137	7.44E-05	0.012249	0.650344
5366	496863.09	3866377.25	5.49256	7.0101	6.0102	8.33461		4.98E-01	0.02966	0.00011	0.0193	0.54682		6.28E-01	0.037431	9.55E-05	0.011269	6.77E-01		0.619284	0.032193	7.8E-05	0.011969	0.663524
5367	497363.09	3866377.25	4.90101	5.99462	5.28034	7.03146		4.44E-01	0.02536	9.9E-05	0.01629	0.48589		5.61E-01	0.032008	8.39E-05	0.009507	6.02E-01		0.552587	0.02753	6.85E-05	0.010098	0.590283
5368	497863.09	3866377.25	4.69579	6.12459	4.89263	7.7832		4.26E-01	0.02591	9.2E-05	0.01803	0.46957		5.37E-01	0.032702	7.78E-05	0.010524	5.80E-01		0.529449	0.028126	6.35E-05	0.011177	0.568816
5369	498363.09	3866377.25	4.80451	6.22169	5.63386	6.48905		4.35E-01	0.02632	0.00011	0.01503	0.47685		5.50E-01	0.033221	8.95E-05	0.008774	5.92E-01		0.541707	0.028572	7.31E-05	0.009319	0.579671
5370	474494.92	3848334.16	5.85493	7.04215	6.72568	6.12066		5.31E-01	0.02979	0.00013	0.01418	0.57468		6.70E-01	0.037602	0.000107	0.008276	7.16E-01		0.660141	0.03234	8.73E-05	0.00879	0.701358
5371	475167.27	3848920.79	6.0537	7.3373	6.45881	5.84284		5.49E-01	0.03104	0.00012	0.01353	0.59329		6.92E-01	0.039178	0.000103	0.0079	7.40E-01		0.682553	0.033696	8.38E-05	0.008391	0.724723
5372	475297.89	3848997.96	6.17446	7.48808	6.60667	6.04786		5.60E-01	0.03168	0.00012	0.01401	0.60535		7.06E-01	0.039983	0.000105	0.008177	7.54E-01		0.696168	0.034388	8.58E-05	0.008685	0.739327
5373	475439.05	3849062	6.32092	7.63715	6.85958	6.07434		5.73E-01	0.03231	0.00013	0.01407	0.61932		7.23E-01	0.040779	0.000109	0.008213	7.72E-01		0.712682	0.035073	8.9E-05	0.008723	0.756566
5374	475486.86	3849061.09	6.35517	7.67531	7.26568	6.21034		5.76E-01	0.03247	0.00014	0.01438	0.62291		7.27E-01	0.040982	0.000115	0.008397	7.76E-01		0.716543	0.035248	9.43E-05	0.008918	0.760804
5375	475538.46	3849075.56	6.49863	7.79921	7.5029	6.40109		5.89E-01	0.03299	0.00014	0.01483	0.63688		7.43E-01	0.041644	0.000119	0.008655	7.94E-01		0.732718	0.035817	9.74E-05	0.009192	0.777825
5376	475751.79	3849137.15	6.87925	8.34541	8.08529	7.25542		6.23E-01	0.03531	0.00015	0.0168	0.67567		7.87E-01	0.04456	0.000129	0.00981	8.41E-01		0.775633	0.038325	0.000105	0.010419	0.824482
5377	476303.62	3849223.38	6.9468	8.58021	7.91477	7.28419		6.30E-01	0.0363	0.00015	0.01687	0.68285		7.95E-01	0.045814	0.000126	0.009849	8.50E-01		0.783249	0.039404	0.000103	0.01046	0.833216
5378	476304.51	3849238.92	7.00338	8.64691	7.9698	7.40818		6.35E-01	0.03658	0.00015	0.01716	0.68855		8.01E-01	0.04617	0.000127	0.010017	8.57E-01		0.789629	0.03971	0.000103	0.010639	0.840081
5379	476365.04	3849247.98	6.88697	8.51393	7.8302	7.25062		6.24E-01	0.03602	0.00015	0.01679	0.67707		7.88E-01	0.04546	0.000124	0.009804	8.43E-01		0.776504	0.039099	0.000102	0.010412	0.826117
5380	476444.86	3849267.13	6.92522	8.45057	7.70165	6.96751		6.28E-01	0.03575	0.00014	0.01614	0.67961		7.92E-01	0.045122	0.000122	0.009421	8.47E-01		0.780816	0.038808	1E-04	0.010006	0.82973
5381	476550.75	3849300.66	6.92027	8.37644	7.4779	7.26382		6.27E-01	0.03544	0.00014	0.01682	0.67953		7.92E-01	0.044726	0.000119	0.009821	8.46E-01		0.780258	0.038468	9.71E-05	0.010431	0.829254
5382	476656.71	3849346.88	6.989	8.50127	7.51172	7.61493		6.33E-01	0.03596	0.00014	0.01764	0.6871		7.99E-01	0.045393	0.000119	0.010296	8.55E-01		0.788007	0.039041	9.75E-05	0.010935	0.838081
5383	476873.55	3849454.53	7.15515	8.63202	7.63824	8.25759		6.48E-01	0.03652	0.00014	0.01913	0.7042		8.18E-01	0.046091	0.000121	0.011165	8.76E-01		0.806741	0.039641	9.91E-05	0.011858	0.85834
5384	477700	3849859.7	7.20779	8.83886	8.06675	10.34696		6.53E-01	0.03739	0.00015	0.02397	0.71469		8.24E-01	0.047195	0.000128	0.01399	8.86E-01		0.812676	0.040591	0.000105	0.014859	0.868231
5385	477743.16	3849856.38	7.27108	8.80889	8.26607	10.01734		6.59E-01	0.03727	0.00015	0.0232	0.71954		8.32E-01	0.047035	0.000131	0.013545	8.92E-01		0.819812	0.040454	0.000107	0.014385	0.874758
5386	478477.35	3850216.33	7.25856	9.13137	7.88721	8.84814		6.58E-01	0.03863	0.00015	0.02049	0.71706		8.30E-01	0.048757	0.000125	0.011964	8.91E-01		0.8184	0.041935	0.000102	0.012706	0.873144
5387	478485.8	3850201.6	7.25384	9.09483	7.72904	8.85946		6.57E-01	0.03848	0.00014	0.02052	0.7165		8.30E-01	0.048562	0.000123	0.011979	8.90E-01		0.817868	0.041767	0.0001	0.012723	0.872458
5388	479113.21	3850501.53	7.43398	9.14795	7.40551	9.68471		6.74E-01	0.0387	0.00014	0.02243	0.73495		8.50E-01	0.048846	0.000118	0.013095	9.12E-01		0.838179	0.042011	9.61E-05	0.013908	0.894193
5389	479108.11	3850382.28	8.11734	9.97989	7.89195	9.81591		7.36E-01	0.04222	0.00015	0.02274	0.80071		9.28E-01	0.053288	0.000125	0.013272	9.95E-01		0.915227	0.045831	0.000102	0.014096	0.975257
5390	479689.85	3850674.28	10.13946	12.43233	10.67901	12.54035		9.19E-01	0.0526	0.0002	0.02905	1.0007		1.16E+00	0.066383	0.00017	0.016956	1.24E+00		1.143221	0.057094	0.000139	0.018009	1.218462
5391	479952.42	3850774.28	10.8087	13.42279	11.68251	14.12931		9.80E-01	0.05679	0.00022	0.03273	1.06924		1.24E+00	0.071671	0.000186	0.019104	1.33E+00		1.218677	0.061642	0.000152	0.02029	1.300762
5392	479911.32	3850884.85	10.02743	12.34086	10.42851	12.92506		9.09E-01	0.05221	0.0002	0.02994	0.99105		1.15E+00	0.065894	0.000166	0.017476	1.23E+00		1.130589	0.056674	0.000135	0.018561	1.20596
5393	480500.92	3851178.12	10.14454	13.66347	11.75268	15.93281		9.19E-01	0.0578	0.00022	0.0369	1.01425		1.16E+00	0.072956	0.000187	0.021543	1.26E+00		1.143793	0.062748	0.000153	0.02288	1.229574
5394	480738.01	3851289.27	9.86906	13.57752	11.66413	16.83027		8.94E-01	0.05744	0.00022	0.03898	0.991		1.13E+00	0.072497	0.000185	0.022756	1.22E+00		1.112733	0.062353	0.000151	0.024169	1.199407
5395	481055.42	3851443.58	9.40192	13.14144	11.49955	17.11097		8.52E-01	0.05559	0.00022	0.03963	0.94746		1.08E+00	0.070169	0.000183	0.023136	1.17E+00		1.060063	0.06035	0.000149	0.024572	1.145135
5396	481110.22	3851443.15	9.9608	13.85007	12.24915	18.3945		9.03E-01	0.05859	0.00023	0.04261	1.0041		1.14E+00	0.073953	0.000195	0.024871	1.24E+00		1.123077	0.063605	0.000159	0.026415	1.213256
5397	481111.1	3851417.45	10.22767	14.18961	12.57617	18.89471		9.27E-01	0.06003	0.00024	0.04376	1.03088		1.17E+00	0.075766	0.0002	0.025548	1.27E+00		1.153166	0.065164	0.000163	0.027134	1.245627
5398	482248.44	3852605.09	12.07661	17.74512	15.60511	21.99987		1.09E+00	0.07507	0.00029	0.05096	1.22073		1.38E+00	0.09475	0.000248	0.029746	1.51E+00		1.361634	0.081492	0.000203	0.031593	1.474921
5399	482273.34	3852632.31	12.12252	17.84358	15.68051	22.04529		1.10E+00	0.07549	0.00029	0.05106	1.22541		1.39E+00	0.095276	0.000249	0.029808	1.51E+00		1.36681	0.081944	0.000204	0.031658	1.480616
5400	482665.46	3853038.72	13.97447	21.85749	18.3771	25.06674		1.27E+00	0.09247	0.00034	0.05806	1.41727		1.60E+00	0.116709	0.000292	0.033893	1.75E+00		1.575617	0.100378	0.000239	0.035997	1.71223
5401	483077.95	3853844.31	16.41441	31.62019	20.23219	21.34009		1.49E+00	0.13377	0.00038	0.04943	1.67108		1.88E+00	0.168837	0.000322	0.028854	2.08E+00		1.850719	0.145212	0.000263	0.030645	2.026839
5402	483121.38	3853909.38	16.87652	32.90258	20.95091	21.39293		1.53E+00	0.13919	0.00039	0.04955	1.71852		1.93E+00	0.175684	0.000333	0.028926	2.14E+00		1.902822	0.151101	0.000272	0.030721	2.084916
5403	483492.64	3853911.49	17.35234	39.58783	23.0914	22.93232		1.57E+00	0.16748	0.00043	0.05312	1.79353		1.98E+00	0.21138	0.000367	0.031007	2.23E+00		1.95647	0.181802	0.0003	0.032932	2.171504
5404	483498.29	3854204.73	19.5789	45.45016	24.1231	20.57757		1.77E+00	0.19228	0.00045	0.04766	2.01467		2.24E+00	0.242682	0.000383	0.027823	2.51E+00		2.207514	0.208724	0.000313	0.02955	2.446102
5405	484132.44	3854662.55	31.77744	42.4244	36.24262	11.68898		2.88E+00	0.17948	0.00068	0.02707	3.08697		3.63E+00	0.226526	0.000576	0.015805	3.88E+00		3.582895	0.194829	0.00047	0.016786	3.794981
5406	484627.62	3854876.13	35.80006	56.05505	35.73355	13.86433		3.24E+00	0.23714	0.00067	0.03211	3.5142		4.09E+00	0.299307	0.000568	0.018746	4.41E+00		4.036445	0.257426	0.000464	0.01991	4.314244
5407	484756.14	3854949.04	37.53086	64.94228	32.98056	13.32135		3.40E+00	0.27474	0.00062	0.03085	3.70734		4.29E+00	0.346761	0.000524	0.018012	4.66E+00		4.231592	0.298239	0.000428	0.01913	4.549389
5408	486697.51	3856599.17	25.90522	57.07208	33.37318	11.09629		2.35E+00	0.24144	0.00062	0.0257	2.61536		2.96E+00	0.304738	0.00053	0.015003	3.28E+00		2.920805	0.262096	0.000433	0.015935	3.199269
5409	487105.31	3856962.27	24.96257	92.09495	31.59334	17.74728		2.26E+00	0.38961	0.00059	0.04111	2.69347		2.86E+00	0.491743	0.000502	0.023996	3.37E+00		2.814521	0.422934	0.00041	0.025486	3.263352
5410	487157.57	3856901.7	19.77818	88.54189	26.87558	16.0786		1.79E+00	0.37458	0.0005	0.03724	2.20466		2.26E+00	0.472771	0.000427	0.02174	2.76E+00		2.229983	0.406617	0.000349	0.02309	2.660039
5411	487173.5	3856853.74	18.79101	85.83167	25.87375	15.11466		1.70E+00	0.36311	0.00048	0.03501	2.10149		2.15E+00	0.4583	0.000411	0.020437	2.63E+00		2.11868	0.394171	0.000336	0.021705	2.534892
5412	487564.41	3856860.83	15.25893	66.55196	20.7732	14.64326		1.38E+00	0.28155	0.00039	0.03392	1.69865		1.75E+00	0.355356	0.00033	0.019799	2.12E+00		1.720439	0.305631	0.00027	0.021028	2.047369
5413	487563.31	3856931.58	15.59564	68.67076	21.2916	15.84969		1.41E+00	0.29051	0.0004	0.03671	1.74093		1.78E+00	0.366669	0.000338	0.021431	2.17E+00		1.758403	0.315362	0.000276	0.022761	2.096802
5414	487782.7	3856926.85	13.96225	60.31823	19.20078	15.33584		1.27E+00	0.25518	0.00036	0.03552	1.55635		1.60E+00	0.32207	0.000305	0.020736	1.94E+00		1.574239	0.277004	0.000249	0.022023	1.873515
5415	487782.39	3856757.07	13.39291	58.95958	18.27536	12.50407		1.21E+00	0.24943	0.00034	0.02896	1.49243		1.53E+00	0.314816	0.00029	0.016907	1.86E+00		1.510046	0.270764	0.000237	0.017957	1.799004
5416	487917.26	3856752.41	12.55224	53.84586	17.14581	12.82957		1.14E+00	0.2278	0.00032	0.02972	1.39534		1.44E+00	0.287511	0.000273	0.017347	1.74E+00		1.415261	0.24728	0.000223	0.018424	1.681187
5417	487919.57	3856953.35	13.27772	57.53286	18.26301	15.34137		1.20E+00	0.24339	0.00034	0.03553	1.48252		1.52E+00	0.307198	0.00029	0.020743	1.85E+00		1.497058	0.264212	0.000237	0.022031	1.783539
5418	487932.76	3857000.32	13.44508	58.18328	18.506	15.88483		1.22E+00	0.24614	0.00035	0.03679	1.50171		1.54E+00	0.310671	0.000294	0.021478	1.87E+00		1.515928	0.267199	0.00024	0.022811	1.806179
5419	487960.5	3857044.75	13.52404	57.97597	18.59344	16.4965		1.23E+00	0.24527	0.00035	0.03821	1.5094		1.55E+00	0.309564	0.000296	0.022305	1.88E+00		1.524831	0.266247	0.000241	0.02369	1.815009
5420	488016.54	3857089.54	13.45884	56.60433	18.487	16.905		1.22E+00	0.23947	0.00035	0.03916	1.49863		1.54E+00	0.30224	0.000294	0.022857	1.86E+00		1.51748	0.259948	0.00024	0.024276	1.801944
5421	488114.39	3857165.47	13.30643	54.34129	18.24593	17.67954		1.21E+00	0.22989	0.00034	0.04095	1.47704		1.52E+00	0.290156	0.00029	0.023905	1.84E+00		1.500295	0.249555	0.000237	0.025389	1.775476
5422	488171.49	3857234.24	13.38733	53.90197	18.18826	18.65968		1.21E+00	0.22803	0.00034	0.04322	1.48478		1.53E+00	0.287811	0.000289	0.02523	1.84E+00		1.509417	0.247538	0.000236	0.026796	1.783987
5423	488193.16	3857297.8	13.5663	51.95519	18.38811	19.6295		1.23E+00	0.2198	0.00034	0.04547	1.49501		1.55E+00	0.277416	0.000292	0.026541	1.86E+00		1.529596	0.238598	0.000239	0.028189	1.796621
5424	488189.27	3857649.94	14.19006	46.04185	20.5994	23.36164		1.29E+00	0.19478	0.00039	0.05411	1.53521		1.62E+00	0.245841	0.000327	0.031587	1.90E+00		1.599924	0.211441	0.000267	0.033549	1.845182
5425	488127.43	3857732.32	14.32381	43.60775	21.53122	25.02111		1.30E+00	0.18448	0.0004	0.05795	1.54089		1.64E+00	0.232845	0.000342	0.033831	1.91E+00		1.615005	0.200263	0.000279	0.035932	1.851479

5426	488149.93	3857752.94	14.19508	42.61112	21.50899	25.05933	1.29E+00	0.18027	0.0004	0.05804	1.5251	1.62E+00	0.227523	0.000342	0.033883	1.89E+00	1.60049	0.195686	0.000279	0.035987	1.832442
5427	488144.76	3857758.71	14.1321	42.24299	21.6503	25.41145	1.28E+00	0.17871	0.00041	0.05886	1.51865	1.62E+00	0.225557	0.000344	0.034359	1.88E+00	1.593389	0.193996	0.000281	0.036492	1.824158
5428	488335.58	3857932.55	12.97078	34.57449	21.09767	30.73643	1.18E+00	0.14627	0.00039	0.07119	1.39329	1.48E+00	0.184611	0.000335	0.041559	1.71E+00	1.462451	0.158779	0.000274	0.044139	1.665643
5429	488372.29	3857943.79	13.00265	34.21684	20.72678	30.40853	1.18E+00	0.14475	0.00039	0.07043	1.3939	1.49E+00	0.182702	0.000329	0.041116	1.71E+00	1.466044	0.157136	0.000269	0.043668	1.667118
5430	488828.64	3857936.4	12.01314	33.20267	17.90665	21.94126	1.09E+00	0.14046	0.00034	0.05082	1.28028	1.37E+00	0.177286	0.000285	0.029667	1.58E+00	1.354477	0.152479	0.000232	0.031509	1.538698
5431	488829.08	3857959.58	11.89339	32.62174	18.0163	22.06606	1.08E+00	0.13801	0.00034	0.05111	1.26726	1.36E+00	0.174184	0.000286	0.029836	1.56E+00	1.340976	0.149811	0.000234	0.031688	1.522709
5432	488351.61	3857964.55	12.7086	33.47094	21.28557	32.13429	1.15E+00	0.1416	0.0004	0.07443	1.36811	1.45E+00	0.178719	0.000338	0.043449	1.68E+00	1.43289	0.153711	0.000276	0.046147	1.633024
5433	488316.87	3857947.65	12.69821	33.9517	21.67561	32.11214	1.15E+00	0.14363	0.00041	0.07438	1.36916	1.45E+00	0.181286	0.000344	0.043419	1.68E+00	1.431719	0.155919	0.000281	0.046115	1.634034
5434	488129.1	3857775.77	13.83405	41.41503	22.15925	26.56734	1.25E+00	0.17521	0.00041	0.06153	1.49083	1.58E+00	0.221136	0.000352	0.035922	1.84E+00	1.559784	0.190193	0.000288	0.038152	1.788417
5435	488062.53	3857846.13	13.21626	40.66122	25.7262	34.75842	1.20E+00	0.17202	0.00048	0.08051	1.45069	1.51E+00	0.217111	0.000409	0.046997	1.78E+00	1.490129	0.186731	0.000334	0.049915	1.727109
5436	488330.41	3858091.34	11.81978	29.37104	20.28751	37.55352	1.07E+00	0.12425	0.00038	0.08698	1.28275	1.35E+00	0.156827	0.000322	0.050776	1.56E+00	1.332676	0.134883	0.000263	0.053929	1.521751
5437	488470.87	3858174.45	11.58048	25.9564	19.77763	32.82457	1.05E+00	0.10981	0.00037	0.07603	1.23565	1.32E+00	0.138595	0.000314	0.044382	1.51E+00	1.305695	0.119201	0.000257	0.047138	1.472291
5438	488568.9	3858262.31	11.03969	23.80631	18.21382	31.01414	1.00E+00	0.10071	0.00034	0.07183	1.17333	1.26E+00	0.127114	0.000289	0.041934	1.43E+00	1.244721	0.109327	0.000236	0.044538	1.398823
5439	488964.27	3858025.71	11.68595	30.67268	17.61498	21.71771	1.06E+00	0.12976	0.00033	0.0503	1.2394	1.34E+00	0.163777	0.00028	0.029365	1.53E+00	1.317587	0.14086	0.000229	0.031188	1.489864
5440	489147.25	3857956.64	11.83405	30.293	16.5242	20.06973	1.07E+00	0.12815	0.00031	0.04649	1.24738	1.35E+00	0.16175	0.000263	0.027136	1.54E+00	1.334285	0.139117	0.000214	0.028821	1.502437
5441	489343.52	3857932.45	11.21966	30.11194	15.53179	18.51035	1.02E+00	0.12739	0.00029	0.04287	1.1873	1.28E+00	0.160783	0.000247	0.025028	1.47E+00	1.265013	0.138285	0.000202	0.026582	1.430081
5442	489866.19	3857923.19	9.59418	25.85703	13.12735	14.8521	8.69E-01	0.10939	0.00025	0.0344	1.01348	1.10E+00	0.138064	0.000209	0.020082	1.26E+00	1.081741	0.118745	0.00017	0.021328	1.221984
5443	489955.65	3857902.27	9.20858	24.2236	12.62175	14.12074	8.35E-01	0.10248	0.00024	0.03271	0.96992	1.05E+00	0.129342	0.000201	0.019093	1.20E+00	1.038264	0.111244	0.000164	0.020278	1.16995
5444	490079.44	3857847.9	8.63996	23.20664	11.7569	13.05624	7.83E-01	0.09818	0.00022	0.03024	0.91161	9.88E-01	0.123912	0.000187	0.017653	1.13E+00	0.974153	0.106574	0.000153	0.018749	1.099628
5445	490108.49	3857934.13	8.84022	22.70817	12.10256	13.51209	8.01E-01	0.09607	0.00023	0.0313	0.92871	1.01E+00	0.121251	0.000192	0.01827	1.15E+00	0.996732	0.104284	0.000157	0.019404	1.120577
5446	489884.48	3858014.17	9.97753	26.02354	13.51646	15.4278	9.04E-01	0.11009	0.00025	0.03573	1.05026	1.14E+00	0.138953	0.000215	0.02086	1.30E+00	1.124963	0.11951	0.000175	0.022155	1.266803
5447	489326.56	3858025.86	11.46713	28.49612	16.10123	19.39621	1.04E+00	0.12055	0.0003	0.04493	1.20496	1.31E+00	0.152156	0.000256	0.026226	1.49E+00	1.292915	0.130865	0.000209	0.027854	1.451843
5448	489130.38	3858056.71	11.77004	29.91778	17.00508	20.783	1.07E+00	0.12657	0.00032	0.04814	1.24165	1.35E+00	0.159747	0.00027	0.028101	1.53E+00	1.327068	0.137394	0.000221	0.029845	1.494528
5449	488936.49	3858143.93	11.68381	28.87829	17.58444	23.31043	1.06E+00	0.12217	0.00033	0.05399	1.2353	1.34E+00	0.154196	0.000279	0.031518	1.52E+00	1.317346	0.13262	0.000228	0.033475	1.483669
5450	488638.08	3858327.45	10.66022	22.86032	17.23961	30.30313	9.66E-01	0.09671	0.00032	0.07019	1.13327	1.22E+00	0.122063	0.000274	0.040973	1.38E+00	1.201936	0.104983	0.000224	0.043517	1.35066
5451	488663.79	3858349.57	10.58942	22.55268	17.02785	29.89379	9.60E-01	0.09541	0.00032	0.06924	1.1246	1.21E+00	0.120421	0.000271	0.04042	1.37E+00	1.193953	0.10357	0.000221	0.042929	1.340674
5452	488694.56	3858349.5	11.03373	22.08251	17.75366	28.42295	1.00E+00	0.09342	0.00033	0.06583	1.15949	1.26E+00	0.11791	0.000282	0.038431	1.42E+00	1.244049	0.101411	0.00023	0.040817	1.386508
5453	488694.35	3858336.75	11.23367	22.17457	18.1544	28.16215	1.02E+00	0.09381	0.00034	0.06523	1.1774	1.28E+00	0.118402	0.000289	0.038078	1.44E+00	1.266592	0.101834	0.000236	0.040442	1.409104
5454	488712.81	3858336.38	11.37216	22.15566	18.39517	27.94909	1.03E+00	0.09373	0.00034	0.06474	1.18938	1.30E+00	0.118301	0.000292	0.03779	1.46E+00	1.282207	0.101747	0.000239	0.040136	1.424329
5455	488713.23	3858367.46	10.95288	21.88122	17.54512	28.27559	9.93E-01	0.09257	0.00033	0.06549	1.15096	1.25E+00	0.116835	0.000279	0.038232	1.41E+00	1.234933	0.100487	0.000228	0.040605	1.376253
5456	488704.63	3858384.05	10.50116	22.07298	16.73771	29.21799	9.52E-01	0.09338	0.00031	0.06767	1.113	1.20E+00	0.117859	0.000266	0.039506	1.36E+00	1.184002	0.101367	0.000217	0.041959	1.327545
5457	488604.15	3858488.29	12.28351	23.4169	16.08483	35.59686	1.11E+00	0.09907	0.0003	0.08245	1.29497	1.40E+00	0.125035	0.000256	0.048131	1.58E+00	1.384962	0.107539	0.000209	0.051119	1.543828
5458	488605.66	3858550.47	13.14355	23.20285	15.4824	36.10584	1.19E+00	0.09816	0.00029	0.08363	1.37317	1.50E+00	0.123892	0.000246	0.048819	1.68E+00	1.481931	0.106556	0.000201	0.05185	1.640538
5459	488692.68	3858548.71	12.15755	22.29232	15.98119	33.22326	1.10E+00	0.09431	0.0003	0.07695	1.2733	1.39E+00	0.11903	0.000254	0.044921	1.55E+00	1.37076	0.102375	0.000207	0.04771	1.521052
5460	488759.93	3858461.81	10.11395	21.48056	14.73257	29.28478	9.17E-01	0.09087	0.00028	0.06783	1.07553	1.16E+00	0.114696	0.000234	0.039596	1.31E+00	1.140344	0.098647	0.000191	0.042054	1.281237
5461	488816.57	3858541.79	9.97376	20.71017	12.89439	28.71595	9.04E-01	0.08761	0.00024	0.06651	1.05821	1.14E+00	0.110582	0.000205	0.038827	1.29E+00	1.124538	0.095109	0.000167	0.041238	1.261052
5462	488944.63	3858656.77	9.52413	19.36577	12.01551	26.48625	8.63E-01	0.08193	0.00022	0.06135	1.0066	1.09E+00	0.103404	0.000191	0.035812	1.23E+00	1.073842	0.088935	0.000156	0.038036	1.200969
5463	489134.91	3858830.7	8.95225	17.60985	11.09412	23.80562	8.11E-01	0.0745	0.00021	0.05514	0.94112	1.02E+00	0.094028	0.000176	0.032188	1.15E+00	1.009363	0.080871	0.000144	0.034186	1.124564
5464	489193.99	3858886.05	8.81919	17.08082	10.82459	23.00635	7.99E-01	0.07226	0.0002	0.05329	0.92496	1.01E+00	0.091203	0.000172	0.031107	1.13E+00	0.994361	0.078441	0.000141	0.033038	1.105981
5465	489295.2	3858954.34	8.55547	16.27102	10.97544	21.6795	7.75E-01	0.06883	0.00021	0.05021	0.89457	9.79E-01	0.086879	0.000174	0.029313	1.09E+00	0.964626	0.074723	0.000142	0.031133	1.070624
5466	489295.64	3858992.74	9.51453	16.08387	10.52565	21.66152	8.62E-01	0.06804	0.0002	0.05017	0.98064	1.09E+00	0.08588	0.000167	0.029289	1.20E+00	1.07276	0.073863	0.000137	0.031107	1.177867
5467	489183.74	3858911.72	10.18385	16.98608	11.00997	23.19519	9.23E-01	0.07186	0.00021	0.05372	1.04867	1.16E+00	0.090698	0.000175	0.031362	1.29E+00	1.148226	0.078006	0.000143	0.03331	1.259684
5468	488873.37	3858625.59	9.89937	20.18615	12.40555	28.21569	8.97E-01	0.0854	0.00023	0.06535	1.04808	1.13E+00	0.107784	0.000197	0.038151	1.28E+00	1.116151	0.092702	0.000161	0.040519	1.249533
5469	488842.84	3858658.69	11.949	20.73243	15.42492	29.94069	1.08E+00	0.08771	0.00029	0.06935	1.24019	1.37E+00	0.110701	0.000245	0.040483	1.52E+00	1.347246	0.095211	0.0002	0.042996	1.485653
5470	488856.39	3858670.93	11.96166	20.65123	15.37702	29.71712	1.08E+00	0.08737	0.00029	0.06883	1.24047	1.37E+00	0.110268	0.000244	0.040181	1.52E+00	1.348673	0.094838	0.0002	0.042675	1.486386
5471	488805.7	3858724.5	14.85795	21.69566	15.30562	32.57171	1.35E+00	0.09178	0.00029	0.07544	1.51397	1.70E+00	0.115844	0.000243	0.04404	1.86E+00	1.675229	0.099635	0.000199	0.046775	1.821837
5472	488805.87	3858804.16	25.04854	21.5042	14.59691	32.82945	2.27E+00	0.09097	0.00027	0.07604	2.43724	2.87E+00	0.114822	0.000232	0.044389	3.02E+00	2.824214	0.098755	0.000189	0.047145	2.970304
5473	488995.78	3858936.96	19.97466	20.54809	14.5265	30.36714	1.81E+00	0.08693	0.00027	0.07034	1.96768	2.28E+00	0.109717	0.000231	0.04106	2.44E+00	2.252136	0.094364	0.000189	0.043609	2.390298
5474	489130.76	3859017.38	16.25148	19.64733	14.43229	28.07391	1.47E+00	0.08312	0.00027	0.06502	1.62116	1.86E+00	0.104907	0.000229	0.037959	2.00E+00	1.832349	0.090228	0.000187	0.040316	1.96308
5475	489130.92	3859052.24	16.72361	19.12524	13.85353	27.62855	1.52E+00	0.08091	0.00026	0.06399	1.66069	1.91E+00	0.10212	0.00022	0.037357	2.05E+00	1.885581	0.08783	0.00018	0.039676	2.013267
5476	489200.33	3859090.6	15.36577	18.41788	13.74951	26.45523	1.39E+00	0.07792	0.00026	0.06128	1.53193	1.76E+00	0.098343	0.000219	0.03577	1.89E+00	1.732485	0.084582	0.000178	0.037991	1.855237
5477	489296.07	3859143.7	13.0714	16.5445	12.49968	23.27663	1.18E+00	0.06999	0.00023	0.05391	1.3087	1.50E+00	0.08834	0.000199	0.031473	1.62E+00	1.473796	0.075978	0.000162	0.033426	1.583363
5478	489296.43	3858954.74	8.55613	16.26183	11.01346	21.66274	7.75E-01	0.0688	0.00021	0.05018	0.89455	9.79E-01	0.08683	0.000175	0.02929	1.09E+00	0.964701	0.07468	0.000143	0.031109	1.070633
5479	489410.33	3859033.19	8.91192	15.92609	12.20182	20.97356	8.08E-01	0.06738	0.00023	0.04858	0.9238	1.02E+00	0.085038	0.000194	0.028359	1.13E+00	1.004816	0.073139	0.000158	0.030119	1.108232
5480	489371.37	3859089.8	10.9123	15.96855	11.98838	21.61166	9.89E-01	0.06756	0.00022	0.05006	1.10673	1.25E+00	0.085264	0.000191	0.029221	1.36E+00	1.230358	0.073334	0.000156	0.031035	1.334883
5481	489390.52	3859102.82	10.88274	16.04854	12.01381	21.68162	9.86E-01	0.06789	0.00022	0.05022	1.10455	1.24E+00	0.085692	0.000191	0.029316	1.36E+00	1.227025	0.073701	0.000156	0.031136	1.332018
5482	489382.3	3859114.53	11.36353	16.37529	12.29108	22.19245	1.03E+00	0.06928	0.00023	0.0514	1.15069	1.30E+00	0.087436	0.000195	0.030007	1.42E+00	1.281234	0.075201	0.00016	0.03187	1.388465
5483	489363.04	3859102.45	11.42463	16.36326	12.31764	22.2619	1.04E+00	0.06922	0.00023	0.05156	1.15634	1.31E+00	0.087372	0.000196	0.030101	1.42E+00	1.288123	0.075146	0.00016	0.031969	1.395398
5484	489337.52	3859140.71	12.78281	17.03129	12.7673	23.7079	1.16E+00	0.07205	0.00024	0.05491	1.28561	1.46E+00	0.090939	0.000203	0.032056	1.59E+00	1.441257	0.078214	0.000166	0.034046	1.553683
5485	489375.14	3859164.55	12.63083	17.00661	12.75919	23.52259	1.14E+00	0.07195	0.00024	0.05448	1.2713	1.44E+00	0.090807	0.000203	0.031805	1.57E+00	1.424122	0.078101	0.000166	0.03378	1.536168
5486	489409.3	3859114.5	10.82064	16.10397	12.02969	21.71405	9.81E-01	0.06813	0.00023	0.05029	1.09924	1.24E+00	0.085987	0.000191	0.02936	1.35E+00	1.220023	0.073955	0.000156	0.031183	1.325318

5487	489434.87	3859131.81	10.77376	16.20841	12.07998	21.7843		9.76E-01	0.06857	0.00023	0.05046	1.09559		1.23E+00	0.086545	0.000192	0.029455	1.35E+00		1.214738	0.074435	0.000157	0.031283	1.320613
5488	489471.87	3859075.75	9.19066	16.23563	12.52282	21.16916		8.33E-01	0.06868	0.00023	0.04903	0.95083		1.05E+00	0.08669	0.000199	0.028623	1.17E+00		1.036244	0.07456	0.000163	0.0304	1.141366
5489	489602.62	3859164.69	9.53554	16.6777	12.82638	21.57484		8.64E-01	0.07056	0.00024	0.04997	0.9849		1.09E+00	0.089051	0.000204	0.029172	1.21E+00		1.075129	0.07659	0.000166	0.030983	1.182868
5490	489558.29	3859232.45	10.97685	16.61263	12.3254	22.14882		9.95E-01	0.07028	0.00023	0.0513	1.11656		1.26E+00	0.088703	0.000196	0.029948	1.37E+00		1.237636	0.076291	0.00016	0.031807	1.345894
5491	489620.11	3859273.56	10.8368	16.61877	12.34046	22.09529		9.82E-01	0.07031	0.00023	0.05118	1.10377		1.24E+00	0.088736	0.000196	0.029875	1.36E+00		1.221845	0.07632	0.00016	0.03173	1.330055
5492	489666.06	3859206.42	9.6263	16.75282	12.85644	21.59664		8.72E-01	0.07087	0.00024	0.05002	0.99349		1.10E+00	0.089452	0.000204	0.029201	1.22E+00		1.085362	0.076935	0.000167	0.031014	1.193478
5493	489787.9	3859285.65	9.71991	16.75813	12.77929	21.48132		8.81E-01	0.0709	0.00024	0.04975	1.00173		1.11E+00	0.08948	0.000203	0.029045	1.23E+00		1.095917	0.07696	0.000166	0.030848	1.20389
5494	489752.17	3859343.13	10.37182	16.60215	12.45408	21.79177		9.40E-01	0.07024	0.00023	0.05047	1.06086		1.19E+00	0.088648	0.000198	0.029465	1.30E+00		1.169419	0.076243	0.000162	0.031294	1.277118
5495	489814.94	3859385.33	10.29219	16.53151	12.44264	21.6152		9.33E-01	0.06994	0.00023	0.05006	1.05293		1.18E+00	0.08827	0.000198	0.029226	1.29E+00		1.160441	0.075919	0.000162	0.031041	1.267562
5496	489853.42	3859330.74	9.74094	16.69249	12.63453	21.3434		8.83E-01	0.07062	0.00024	0.04944	1.00303		1.11E+00	0.08913	0.000201	0.028859	1.23E+00		1.098288	0.076658	0.000164	0.03065	1.20576
5497	489969.5	3859401.91	9.72147	16.54571	12.45133	21.01342		8.81E-01	0.07	0.00023	0.04867	0.99988		1.11E+00	0.088346	0.000198	0.028412	1.23E+00		1.096092	0.075984	0.000162	0.030176	1.202414
5498	490166.91	3859486.96	9.57708	16.23858	12.36095	20.58726		8.68E-01	0.0687	0.00023	0.04768	0.98451		1.10E+00	0.086706	0.000196	0.027836	1.21E+00		1.079812	0.074574	0.00016	0.029564	1.184111
5499	490128.86	3859571.46	9.69149	15.72137	11.92533	20.36637		8.78E-01	0.06651	0.00022	0.04717	0.99217		1.11E+00	0.083945	0.00019	0.027538	1.22E+00		1.092712	0.072198	0.000155	0.029247	1.194313
5500	490186.65	3859593.65	9.60725	15.67854	11.78114	20.19635		8.71E-01	0.06633	0.00022	0.04678	0.98396		1.10E+00	0.083716	0.000187	0.027308	1.21E+00		1.083214	0.072002	0.000153	0.029003	1.184372
5501	490223.74	3859517.48	9.53421	16.10824	12.24041	20.45224		8.64E-01	0.06815	0.00023	0.04737	0.97976		1.09E+00	0.08601	0.000195	0.027654	1.20E+00		1.074979	0.073975	0.000159	0.02937	1.178483
5502	490846.34	3859817.22	8.81333	14.91403	11.84312	18.05628		7.99E-01	0.06309	0.00022	0.04182	0.90382		1.01E+00	0.079634	0.000188	0.024414	1.11E+00		0.9937	0.068491	0.000154	0.02593	1.088274
5503	490925.65	3859844.59	8.61077	14.68047	11.61777	19.16971		7.80E-01	0.06211	0.00022	0.0444	0.88705		9.85E-01	0.078387	0.000185	0.02592	1.09E+00		0.970861	0.067418	0.000151	0.027529	1.065959
5504	491159.29	3859896.28	8.35114	14.10393	10.87473	17.18238		7.57E-01	0.05967	0.0002	0.0398	0.85647		9.55E-01	0.075308	0.000173	0.023232	1.05E+00		0.941588	0.06477	0.000141	0.024675	1.031175
5505	491370.69	3859960.89	7.8363	13.47784	10.42181	16.61866		7.10E-01	0.05702	0.0002	0.03849	0.80585		8.96E-01	0.071965	0.000166	0.02247	9.91E-01		0.88354	0.061895	0.000135	0.023865	0.969436
5506	491330.28	3860063.17	7.91507	13.19353	9.9276	16.65632		7.17E-01	0.05582	0.00019	0.03858	0.81186		9.05E-01	0.070447	0.000158	0.022521	9.98E-01		0.892421	0.06059	0.000129	0.023919	0.977059
5507	491636.45	3860180.75	7.44941	12.47309	9.62444	15.57273		6.75E-01	0.05277	0.00018	0.03607	0.7641		8.52E-01	0.0666	0.000153	0.021056	9.40E-01		0.839918	0.057281	0.000125	0.022363	0.919688
5508	491617.94	3860203.93	7.51715	12.48149	9.53914	15.72473		6.81E-01	0.0528	0.00018	0.03642	0.77062		8.60E-01	0.066645	0.000152	0.021262	9.48E-01		0.847556	0.05732	0.000124	0.022582	0.927581
5509	491805.68	3860271.59	7.14292	12.02575	9.24932	15.10106		6.47E-01	0.05088	0.00017	0.03498	0.73333		8.17E-01	0.064212	0.000147	0.020418	9.02E-01		0.805362	0.055227	0.00012	0.021686	0.882394
5510	491654.23	3860414.02	6.67486	10.75101	8.582	13.5588		6.05E-01	0.04548	0.00016	0.0314	0.68194		7.63E-01	0.057405	0.000136	0.018333	8.39E-01		0.752588	0.049373	0.000111	0.019471	0.821543
5511	491592.62	3860510.76	7.64719	12.06383	9.04701	15.64517		6.93E-01	0.05104	0.00017	0.03624	0.78045		8.75E-01	0.064415	0.000144	0.021154	9.60E-01		0.862218	0.055402	0.000117	0.022467	0.940204
5512	491475.41	3860368.93	7.60645	12.13324	9.39866	15.66671		6.89E-01	0.05133	0.00018	0.03629	0.77711		8.70E-01	0.064786	0.000149	0.021183	9.56E-01		0.857625	0.05572	0.000122	0.022498	0.935965
5513	491445.61	3860337.28	7.58536	12.13636	9.45055	15.62853		6.87E-01	0.05134	0.00018	0.0362	0.77512		8.68E-01	0.064802	0.00015	0.021131	9.54E-01		0.855247	0.055735	0.000123	0.022443	0.933547
5514	491399.05	3860300.37	7.63564	12.24142	9.56052	15.74599		6.92E-01	0.05179	0.00018	0.03647	0.78039		8.73E-01	0.065363	0.000152	0.02129	9.60E-01		0.860916	0.056217	0.000124	0.022612	0.939869
5515	491228.84	3860235.98	8.02695	12.78764	9.72013	16.64676		7.27E-01	0.0541	0.00018	0.03856	0.82026		9.18E-01	0.06828	0.000154	0.022508	1.01E+00		0.905036	0.058726	0.000126	0.023906	0.987793
5516	491228.47	3860174.57	7.86111	12.68744	9.95968	16.2982		7.12E-01	0.05367	0.00019	0.03775	0.804		8.99E-01	0.067745	0.000158	0.022037	9.89E-01		0.886337	0.058265	0.000129	0.023405	0.968137
5517	491145.77	3860112.55	7.96007	12.89891	10.14649	16.49939		7.21E-01	0.05457	0.00019	0.03822	0.81433		9.10E-01	0.068874	0.000161	0.022309	1.00E+00		0.897495	0.059237	0.000132	0.023694	0.980557
5518	490844.41	3859966.22	8.35207	13.44422	10.26156	17.10758		7.57E-01	0.05688	0.00019	0.03962	0.85357		9.55E-01	0.071786	0.000163	0.023131	1.05E+00		0.941693	0.061741	0.000133	0.024567	1.028134
5519	490845.55	3859928.15	8.12885	13.18959	10.30767	16.63997		7.37E-01	0.0558	0.00019	0.03854	0.83119		9.30E-01	0.070426	0.000164	0.022499	1.02E+00		0.916525	0.060571	0.000134	0.023896	1.001126
5520	490046.91	3859625.6	9.52968	14.56341	10.87743	19.27989		8.64E-01	0.06161	0.0002	0.04466	0.97007		1.09E+00	0.077762	0.000173	0.026069	1.19E+00		1.074468	0.066881	0.000141	0.027687	1.169177
5521	489970.48	3859589.4	9.85669	14.74148	11.00478	19.54588		8.93E-01	0.06236	0.00021	0.04527	1.00108		1.13E+00	0.078712	0.000175	0.026428	1.23E+00		1.111338	0.067698	0.000143	0.028069	1.207249
5522	489865.89	3859529.06	10.17566	14.82753	11.07757	19.81299		9.22E-01	0.06273	0.00021	0.04589	1.03097		1.16E+00	0.079172	0.000176	0.026789	1.27E+00		1.147302	0.068094	0.000144	0.028452	1.243992
5523	489826.89	3859531.74	10.75091	15.28043	11.30759	20.4841		9.74E-01	0.06464	0.00021	0.04745	1.08657		1.23E+00	0.08159	0.00018	0.027697	1.34E+00		1.212161	0.070173	0.000147	0.029416	1.311898
5524	489410.47	3859303.06	13.33083	16.03497	11.91235	22.55009		1.21E+00	0.06784	0.00022	0.05223	1.32836		1.52E+00	0.085619	0.000189	0.03049	1.64E+00		1.503047	0.073639	0.000155	0.032383	1.609223
5525	489407.15	3859286.09	12.99684	15.81495	11.79472	22.134		1.18E+00	0.06691	0.00022	0.05127	1.29619		1.49E+00	0.084444	0.000187	0.029928	1.60E+00		1.465389	0.072628	0.000153	0.031786	1.569956
5526	488806.07	3858963.62	18.6999	20.37593	13.55821	30.494		1.69E+00	0.0862	0.00025	0.07063	1.85171		2.14E+00	0.108798	0.000215	0.041231	2.29E+00		2.108407	0.093574	0.000176	0.043791	2.245948
5527	488817.64	3859546.3	11.18742	19.10835	12.3993	22.94869		1.01E+00	0.08084	0.00023	0.05315	1.14805		1.28E+00	0.102029	0.000197	0.031029	1.41E+00		1.261378	0.087753	0.000161	0.032956	1.382247
5528	489187.25	3859549.52	13.17804	17.476	12.61691	24.48686		1.19E+00	0.07393	0.00024	0.05672	1.32511		1.51E+00	0.093313	0.000201	0.033109	1.63E+00		1.48582	0.080256	0.000164	0.035164	1.601404
5529	489187.66	3859523.74	13.35986	17.54502	12.67907	24.70886		1.21E+00	0.07422	0.00024	0.05723	1.34239		1.53E+00	0.093682	0.000202	0.033409	1.66E+00		1.50632	0.080573	0.000165	0.035483	1.622541
5530	489232.59	3859522.85	11.85613	14.75212	11.0464	20.77581		1.07E+00	0.06241	0.00021	0.04812	1.18516		1.36E+00	0.078769	0.000176	0.028091	1.46E+00		1.336775	0.067747	0.000143	0.029835	1.4345
5531	489224.98	3859759.91	11.75668	17.18363	11.81348	22.86158		1.07E+00	0.0727	0.00022	0.05295	1.19128		1.34E+00	0.091752	0.000188	0.030911	1.47E+00		1.325562	0.078914	0.000153	0.03283	1.437459
5532	488401.39	3859763.34	8.53829	18.14593	11.33341	16.84862		7.74E-01	0.07677	0.00021	0.03902	0.88976		9.77E-01	0.096891	0.00018	0.022781	1.10E+00		0.962689	0.083333	0.000147	0.024196	1.070365
5533	488405.51	3859966.16	7.9213	17.06003	10.32215	15.67314		7.18E-01	0.07217	0.00019	0.0363	0.82651		9.06E-01	0.091092	0.000164	0.021192	1.02E+00		0.893124	0.078346	0.000134	0.022507	0.994111
5534	489202.85	3859956.57	10.60456	16.4726	11.75313	21.33423		9.61E-01	0.06969	0.00022	0.04941	1.08033		1.21E+00	0.087956	0.000187	0.028846	1.33E+00		1.195661	0.075648	0.000153	0.030637	1.302098
5535	489191.9	3860676.74	7.76572	14.75285	9.4673	15.75535		7.04E-01	0.06241	0.00018	0.03649	0.80283		8.88E-01	0.078773	0.00015	0.021303	9.88E-01		0.875582	0.067751	0.000123	0.022626	0.966081
5536	488392.82	3860687.88	6.1207	13.53541	8.27665	11.46917		5.55E-01	0.05726	0.00015	0.02656	0.63865		7.00E-01	0.072273	0.000132	0.015508	7.88E-01		0.690107	0.06216	0.000107	0.01647	0.768844
5537	488392.82	3860760.27	5.96119	13.15956	8.04307	11.01218		5.40E-01	0.05567	0.00015	0.02551	0.62154		6.82E-01	0.070266	0.000128	0.01489	7.67E-01		0.672122	0.060434	0.000104	0.015814	0.748474
5538	487549.05	3860777.45	4.28878	13.0727	5.82666	8.13645		3.89E-01	0.0553	0.00011	0.01885	0.46292		4.91E-01	0.069802	9.26E-05	0.011001	5.71E-01		0.483558	0.060035	7.56E-05	0.011684	0.555353
5539	487554.62	3859571.83	6.8818	21.51366	9.24003	12.50489		6.24E-01	0.09101	0.00017	0.02896	0.74379		7.87E-01	0.114873	0.000147	0.016908	9.19E-01		0.775921	0.098799	0.00012	0.017958	0.892797
5540	485949.46	3859558.54	4.06072	17.50206	5.48784	7.60919		3.68E-01	0.07404	0.0001	0.01762	0.45976		4.64E-01	0.093453	8.72E-05	0.010288	5.68E-01		0.457845	0.080376	7.12E-05	0.010927	0.549219
5541	485947.55	3857943.61	6.8486	34.81369	9.17935	13.03339		6.21E-01	0.14728	0.00017	0.03019	0.79827		7.83E-01	0.185888	0.000146	0.017623	9.87E-01		0.772177	0.159877	0.000119	0.018717	0.95089
5542	484738.38	3857940.21	4.5872	22.91217	6.41105	9.17626		4.16E-01	0.09693	0.00012	0.02125	0.53401		5.25E-01	0.12234	0.000102	0.012407	6.60E-01		0.517205	0.105221	8.32E-05	0.013178	0.635687
5543	484737.06	3857535.68	5.46485	24.2042	7.43555	10.59483		4.95E-01	0.1024	0.00014	0.02454	0.62231		6.25E-01	0.129239	0.000118	0.014325	7.69E-01		0.61616	0.111155	9.65E-05	0.015215	0.742626
5544	483730.2	3857530.13	4.64302	15.96633	6.35985	8.70073		4.21E-01	0.06755	0.00012	0.02015	0.50858		5.31E-01	0.085253	0.000101	0.011764	6.28E-01		0.523499	0.073323	8.26E-05	0.012495	0.609399
5545	483727.27	3857130.01	5.33108	18.47573	7.28189	9.86755		4.83E-01	0.07816	0.00014	0.02286	0.58427		6.10E-01	0.098652	0.000116	0.013342	7.22E-01		0.601077	0.084847	9.45E-05	0.01417	0.70019
5546	483124.42	3857123.45	4.85908	16.62805	6.6116	8.8366		4.40E-01	0.07035	0.00012	0.02047	0.53128		5.56E-01	0.088786	0.000105	0.011948	6.57E-01		0.54786	0.076362	8.58E-05	0.01269	0.636997
5547	483111.13	3855921.03	7.49474	27.12376	10.33025	13.21529		6.79E-01	0.11475	0.00019	0.03061	0.82474		8.57E-01	0.144828	0.000164	0.017869	1.02E+00		0.845029	0.124562	0.000134	0.018978	0.988704

5548	482701.73	3855918.24	6.80335	25.7946	9.2689	11.7996		6.17E-01	0.10912	0.00017	0.02733	0.75316		7.78E-01	0.137731	0.000147	0.015954	9.32E-01		0.767075	0.118458	0.00012	0.016945	0.902599			
5549	482668.02	3853521.78	17.97832	23.38609	17.2051	19.55938		1.63E+00	0.09894	0.00032	0.0453	1.77379		2.06E+00	0.124871	0.000273	0.026446	2.21E+00		2.027049	0.107398	0.000223	0.028088	2.162759			
5550	482579.91	3853219.19	13.97321	23.02064	17.9889	21.71989		1.27E+00	0.09739	0.00034	0.05031	1.41431		1.60E+00	0.122919	0.000286	0.029368	1.75E+00		1.575475	0.105719	0.000234	0.031191	1.712618			
5551	482434.06	3852961.94	13.31832	21.83259	17.3666	22.37677		1.21E+00	0.09236	0.00033	0.05183	1.35145		1.52E+00	0.116576	0.000276	0.030256	1.67E+00		1.501636	0.100263	0.000225	0.032134	1.634259			
5552	482332.11	3852832.85	12.9788	20.97012	16.8317	22.3191		1.18E+00	0.08871	0.00032	0.0517	1.31689		1.48E+00	0.11197	0.000268	0.030178	1.63E+00		1.463355	0.096303	0.000218	0.032051	1.591928			
5553	481334.99	3851818.96	11.10801	15.92395	13.61258	19.19427		1.01E+00	0.06737	0.00025	0.04446	1.11871		1.27E+00	0.085026	0.000216	0.025953	1.38E+00		1.252424	0.073129	0.000177	0.027564	1.353294			
5554	481127.62	3851646.36	11.13183	15.64561	13.41724	19.15919		1.01E+00	0.06619	0.00025	0.04438	1.11961		1.27E+00	0.08354	0.000213	0.025905	1.38E+00		1.25511	0.07185	0.000174	0.027514	1.354648			
5555	481025.04	3851591.73	11.31393	15.78978	13.55829	19.19591		1.03E+00	0.0668	0.00025	0.04446	1.13681		1.29E+00	0.08431	0.000215	0.025955	1.40E+00		1.275642	0.072513	0.000176	0.027566	1.375897			
5556	480513.6	3851335.76	11.22071	14.93345	12.35642	16.44491		1.02E+00	0.06318	0.00023	0.03809	1.11834		1.28E+00	0.079737	0.000196	0.022235	1.39E+00		1.265131	0.06858	0.00016	0.023616	1.357487			
5557	480523.56	3851317.66	11.24921	14.99107	12.40592	16.77314		1.02E+00	0.06342	0.00023	0.03885	1.12193		1.29E+00	0.080045	0.000197	0.022679	1.39E+00		1.268345	0.068845	0.000161	0.024087	1.361437			
5558	476921.56	3849569.11	6.70556	7.93381	7.10782	8.42715		6.08E-01	0.03356	0.00013	0.01952	0.66089		7.67E-01	0.042363	0.000113	0.011394	8.21E-01		0.75605	0.036435	9.23E-05	0.012102	0.804679			
5559	476521.19	3849373.96	6.77763	8.48183	7.59421	7.90437		6.14E-01	0.03588	0.00014	0.01831	0.66854		7.75E-01	0.045289	0.000121	0.010688	8.31E-01		0.764175	0.038952	9.86E-05	0.011351	0.814577			
5560	476391.45	3849333.38	6.8177	8.51456	7.63185	8.08317		6.18E-01	0.03602	0.00014	0.01872	0.67272		7.80E-01	0.045464	0.000121	0.010929	8.36E-01		0.768693	0.039102	9.91E-05	0.011608	0.819502			
5561	476219.41	3849304.29	6.82837	8.53691	7.59833	8.12516		6.19E-01	0.03612	0.00014	0.01882	0.67388		7.81E-01	0.045583	0.000121	0.010986	8.38E-01		0.769896	0.039205	9.86E-05	0.011668	0.820868			
5562	475679.11	3849218.47	6.34047	7.87731	6.84889	7.2586		5.75E-01	0.03333	0.00013	0.01681	0.62485		7.25E-01	0.042061	0.000109	0.009814	7.77E-01		0.714886	0.036176	8.89E-05	0.010424	0.761574			
5563	475677.71	3849233.88	6.30916	7.8484	6.74755	7.1853		5.72E-01	0.0332	0.00013	0.01664	0.62172		7.22E-01	0.041907	0.000107	0.009715	7.73E-01		0.711356	0.036043	8.76E-05	0.010318	0.757804			
5564	475492.74	3849204.66	6.07329	7.29621	6.75014	4.69802		5.50E-01	0.03087	0.00013	0.01088	0.59225		6.95E-01	0.038958	0.000107	0.006352	7.40E-01		0.684761	0.033507	8.76E-05	0.006747	0.725102			
5565	475497.64	3849158.75	6.32749	7.64135	6.81262	5.6011		5.73E-01	0.03233	0.00013	0.01297	0.61884		7.24E-01	0.040801	0.000108	0.007573	7.72E-01		0.713422	0.035092	8.84E-05	0.008043	0.756646			
5566	475391.35	3849141.94	6.15923	7.48415	6.56382	5.68589		5.58E-01	0.03166	0.00012	0.01317	0.60312		7.04E-01	0.039962	0.000104	0.007688	7.52E-01		0.694451	0.03437	8.52E-05	0.008165	0.737072			
5567	475277	3849095.47	5.98673	7.37144	6.59073	5.78415		5.43E-01	0.03118	0.00012	0.0134	0.58724		6.85E-01	0.03936	0.000105	0.007821	7.32E-01		0.675002	0.033852	8.56E-05	0.008306	0.717246			
5568	475183.93	3849025.66	5.94239	7.28675	6.50329	5.65579		5.39E-01	0.03083	0.00012	0.0131	0.58256		6.80E-01	0.038908	0.000103	0.007647	7.26E-01		0.670002	0.033463	8.44E-05	0.008122	0.711672			
5569	474453.23	3848378.77	5.43946	6.61946	5.93633	5.83667		4.93E-01	0.028	0.00011	0.01352	0.53457		6.22E-01	0.035345	9.43E-05	0.007892	6.65E-01		0.613297	0.030399	7.71E-05	0.008382	0.652155			
5570	474569.63	3848399.34	5.85557	7.0312	6.68415	6.15579		5.31E-01	0.02975	0.00013	0.01426	0.57477		6.70E-01	0.037543	0.000106	0.008323	7.16E-01		0.660214	0.03229	8.68E-05	0.00884	0.70143			
5571	474644.33	3848464.52	5.85004	7.01218	6.6282	6.20969		5.30E-01	0.02967	0.00012	0.01438	0.57431		6.69E-01	0.037442	0.000105	0.008396	7.15E-01		0.65959	0.032203	8.6E-05	0.008917	0.700796			
5572	474719.04	3848529.7	5.84238	7.02304	6.57629	6.21147		5.29E-01	0.02971	0.00012	0.01439	0.57367		6.68E-01	0.0375	0.000105	0.008399	7.14E-01		0.658726	0.032252	8.54E-05	0.00892	0.699984			
5573	474793.74	3848594.88	5.83357	7.05885	6.54211	6.08472		5.29E-01	0.02986	0.00012	0.01409	0.57273		6.67E-01	0.037691	0.000104	0.008227	7.13E-01		0.657733	0.032417	8.49E-05	0.008738	0.698973			
5574	474868.45	3848660.07	5.87463	7.09824	6.49727	5.8604		5.32E-01	0.03003	0.00012	0.01357	0.5761		6.72E-01	0.037901	0.000103	0.007924	7.18E-01		0.662363	0.032598	8.43E-05	0.008416	0.70346			
5575	474943.15	3848725.25	5.92329	7.14996	6.42301	5.74125		5.37E-01	0.03025	0.00012	0.0133	0.58045		6.77E-01	0.038177	0.000102	0.007763	7.24E-01		0.667849	0.032835	8.34E-05	0.008245	0.709012			
5576	475017.86	3848790.43	5.98936	7.23611	6.43021	5.77056		5.43E-01	0.03061	0.00012	0.01337	0.58687		6.85E-01	0.038637	0.000102	0.007802	7.32E-01		0.675298	0.033231	8.35E-05	0.008287	0.716899			
5577	475092.56	3848855.61	6.03894	7.30857	6.46189	5.84079		5.47E-01	0.03092	0.00012	0.01353	0.59183		6.91E-01	0.039024	0.000103	0.007897	7.38E-01		0.680888	0.033564	8.39E-05	0.008388	0.722924			
5578	475232.58	3848959.38	6.11659	7.41857	6.53343	5.97009		5.54E-01	0.03138	0.00012	0.01383	0.59963		7.00E-01	0.039612	0.000104	0.008072	7.47E-01		0.689643	0.034069	8.48E-05	0.008573	0.73237			
5579	475368.47	3849029.98	6.25095	7.57611	6.71619	6.15816		5.66E-01	0.03205	0.00013	0.01426	0.61291		7.15E-01	0.040453	0.000107	0.008327	7.64E-01		0.704792	0.034792	8.72E-05	0.008843	0.748515			
5580	475609.57	3849096.09	6.67613	8.03954	7.77998	6.67903		6.05E-01	0.03401	0.00015	0.01547	0.65463		7.64E-01	0.042927	0.000124	0.009031	8.16E-01		0.752731	0.036921	0.000101	0.009591	0.799344			
5581	475680.68	3849116.62	6.7839	8.1989	7.91832	7.12436		6.15E-01	0.03469	0.00015	0.0165	0.66611		7.76E-01	0.043778	0.000126	0.009633	8.29E-01		0.764882	0.037652	0.000103	0.010231	0.812869			
5582	475843.76	3849151.52	6.94108	8.43757	8.14397	7.493		6.29E-01	0.0357	0.00015	0.01736	0.68222		7.94E-01	0.045053	0.000129	0.010131	8.49E-01		0.782604	0.038748	0.000106	0.01076	0.832219			
5583	475935.73	3849165.89	6.90606	8.47462	7.83773	7.65894		6.26E-01	0.03585	0.00015	0.01774	0.67958		7.90E-01	0.04525	0.000125	0.010356	8.46E-01		0.778656	0.038919	0.000102	0.010999	0.828675			
5584	476027.71	3849180.27	6.80415	8.43663	7.57326	7.8001		6.17E-01	0.03569	0.00014	0.01807	0.67051		7.78E-01	0.045048	0.00012	0.010547	8.34E-01		0.767166	0.038744	9.83E-05	0.011201	0.817209			
5585	476119.68	3849194.64	7.02575	8.65077	7.91188	7.58807		6.37E-01	0.0366	0.00015	0.01758	0.69101		8.04E-01	0.046191	0.000126	0.01026	8.60E-01		0.792151	0.039728	0.000103	0.010897	0.842878			
5586	476211.65	3849209.01	7.05317	8.6689	7.99949	7.47293		6.39E-01	0.03667	0.00015	0.01731	0.69331		8.07E-01	0.046288	0.000127	0.010104	8.63E-01		0.795243	0.039811	0.000104	0.010732	0.845889			
5587	476497.8	3849283.9	6.90683	8.42811	7.56044	7.13276		6.26E-01	0.03566	0.00014	0.01652	0.67823		7.90E-01	0.045002	0.00012	0.009644	8.45E-01		0.778743	0.038705	9.81E-05	0.010243	0.827789			
5588	476603.73	3849323.77	6.93813	8.42038	7.42719	7.46252		6.29E-01	0.03562	0.00014	0.01728	0.68179		7.94E-01	0.044961	0.000118	0.01009	8.49E-01		0.782272	0.03867	9.64E-05	0.010717	0.831754			
5589	476728.99	3849382.76	7.05538	8.55842	7.54832	7.87152		6.39E-01	0.03621	0.00014	0.01823	0.69395		8.07E-01	0.045698	0.00012	0.010643	8.63E-01		0.795492	0.039303	9.8E-05	0.011304	0.846197			
5590	476801.27	3849418.65	7.12191	8.60647	7.57824	8.10824		6.45E-01	0.03641	0.00014	0.01878	0.70073		8.15E-01	0.045954	0.00012	0.010963	8.72E-01		0.802993	0.039524	9.84E-05	0.011644	0.854259			
5591	476956.2	3849495.05	7.16022	8.69178	7.60194	8.50143		6.49E-01	0.03677	0.00014	0.01969	0.70548		8.19E-01	0.04641	0.000121	0.011495	8.77E-01		0.807312	0.039916	9.87E-05	0.012209	0.859535			
5592	477038.84	3849535.56	7.33949	8.95283	7.81535	8.62835		6.65E-01	0.03788	0.00015	0.01998	0.72313		8.39E-01	0.047804	0.000124	0.011666	8.99E-01		0.827525	0.041115	0.000101	0.012391	0.881132			
5593	477121.48	3849576.08	7.35399	9.03166	7.89194	8.80224		6.66E-01	0.03821	0.00015	0.02039	0.72518		8.41E-01	0.048225	0.000125	0.011902	9.01E-01		0.82916	0.041477	0.000102	0.01264	0.88338			
5594	477204.13	3849616.6	7.43666	9.17781	8.06507	9.05361		6.74E-01	0.03883	0.00015	0.02097	0.73387		8.51E-01	0.049005	0.000128	0.012241	9.12E-01		0.838481	0.042148	0.000105	0.013001	0.893735			
5595	477286.78	3849657.12	7.82099	9.62562	8.65462	9.07809		7.09E-01	0.04072	0.00016	0.02103	0.77066		8.95E-01	0.051396	0.000138	0.012275	9.58E-01		0.881814	0.044204	0.000112	0.013037	0.939167			
5596	477369.42	3849697.63	7.46919	9.28379	8.19814	9.60338		6.77E-01	0.03928	0.00015	0.02224	0.73855		8.54E-01	0.049571	0.00013	0.012985	9.17E-01		0.842149	0.042635	0.000106	0.013791	0.898681			
5597	477452.07	3849738.15	7.58354	9.40313	8.41237	9.78256		6.87E-01	0.03978	0.00016	0.02266	0.74983		8.67E-01	0.050208	0.000134	0.013227	9.31E-01		0.855042	0.043183	0.000109	0.014048	0.912382			
5598	477534.71	3849778.67	7.32766	8.67461	8.1347	10.12402		6.64E-01	0.0367	0.00015	0.02345	0.72435		8.38E-01	0.046318	0.000129	0.013689	8.98E-01		0.826191	0.039837	0.000106	0.014539	0.880672			
5599	477617.35	3849819.18	7.36777	8.76018	8.26428	10.19207		6.68E-01	0.03706	0.00015	0.02361	0.7285		8.43E-01	0.046775	0.000131	0.013781	9.03E-01		0.830714	0.04023	0.000107	0.014636	0.885687			
5600	477824.74	3849896.37	7.19882	8.87717	8.08928	10.01205		6.52E-01	0.03755	0.00015	0.02319	0.71327		8.23E-01	0.0474	0.000129	0.013537	8.84E-01		0.811664	0.040767	0.000105	0.014378	0.866915			
5601	477906.31	3849936.37	7.49964	9.55345	8.58315	9.53787		6.80E-01	0.04042	0.00016	0.02209	0.7423		8.58E-01	0.051011	0.000136	0.012896	9.22E-01		0.845582	0.043873	0.000111	0.013697	0.903263			
5602	477987.89	3849976.36	7.37561	8.96688	8.32878	9.45789		6.68E-01	0.03793	0.00016	0.02191	0.72839		8.44E-01	0.047879	0.000132	0.012788	9.04E-01		0.831598	0.041179	0.000108	0.013582	0.886467			
5603	478069.47	3850016.36	7.52478	9.612	8.53232	8.98877		6.82E-01	0.04066	0.00016	0.02082	0.74355		8.61E-01	0.051323	0.000136	0.012154	9.24E-01		0.848416	0.044142	0.000111	0.012908	0.905577			
5604	478151.04	3850056.35	7.63495	9.69711	8.656	8.5732		6.92E-01	0.04102	0.00016	0.01986	0.75294		8.73E-01	0.051778	0.000138	0.011592	9.37E-01		0.860838	0.044533	0.000112	0.012312	0.917795			
5605	478232.62	3850096.35	7.52208	9.5738	8.49535	8.40177		6.82E-01	0.0405	0.00016	0.01946	0.74179		8.60E-01	0.05112	0.000135	0.01136	9.23E-01		0.848112	0.043966	0.00011	0.012065	0.904254			
5606	478314.2	3850136.34	7.37835	9.38797	8.29547	8.49586		6.69E-01	0.03972	0.00016	0.01968	0.72819		8.44E-01	0.050127	0.000132	0.011487	9.06E-01		0.831906	0.043113	0.000108	0.012201	0.887328			
5607	478395.77	3850176.34	7.29366	9.20312	8.08348	8.69971		6.61E-01	0.03893	0.00015	0.02015	0.7202		8.34E-01	0.04914	0.000128	0.011763	8.95E-01		0.822358	0.042264	0.000105	0.012493	0.87722			
5608	478575.43	3850244.45	7.21619	9.04515	7.72475	9.10509		6.54E-01	0.03827	0.00014	0.02109	0.71345		8.25E-01	0.048297	0.000123	0.012311	8.86E-01		0.813623	0.041539	0.0001	0.013075	0.868337			

5609	478665.06	3850287.29	7.17351	8.60715	7.7596	9.35928		6.50E-01	0.03641	0.00015	0.02168	0.70831		8.20E-01	0.045958	0.000123	0.012655	8.79E-01		0.808811	0.039527	0.000101	0.01344	0.861879
5610	478754.69	3850330.14	7.09585	8.6618	7.73183	9.57104		6.43E-01	0.03664	0.00014	0.02217	0.702		8.12E-01	0.04625	0.000123	0.012941	8.71E-01		0.800055	0.039778	0.0001	0.013745	0.853678
5611	478844.32	3850372.99	6.9531	8.63603	7.6183	9.72043		6.30E-01	0.03653	0.00014	0.02251	0.6893		7.95E-01	0.046112	0.000121	0.013143	8.55E-01		0.78396	0.03966	9.89E-05	0.013959	0.837677
5612	478933.95	3850415.84	6.88608	8.33607	7.49977	9.84926		6.24E-01	0.03527	0.00014	0.02281	0.68225		7.88E-01	0.044511	0.000119	0.013317	8.46E-01		0.776403	0.038282	9.73E-05	0.014144	0.828927
5613	479023.58	3850458.68	7.20199	8.84792	7.52639	9.72852		6.53E-01	0.03743	0.00014	0.02253	0.71276		8.24E-01	0.047244	0.00012	0.013154	8.84E-01		0.812022	0.040633	9.77E-05	0.013971	0.866723
5614	479110.66	3850441.9	7.78148	9.59744	7.39236	9.58761		7.05E-01	0.0406	0.00014	0.02221	0.76812		8.90E-01	0.051246	0.000117	0.012963	9.54E-01		0.877359	0.044075	9.6E-05	0.013768	0.935298
5615	479191.22	3850423.99	8.27386	10.34283	8.11109	10.32292		7.50E-01	0.04376	0.00015	0.02391	0.81761		9.46E-01	0.055226	0.000129	0.013958	1.02E+00		0.932875	0.047498	0.000105	0.014824	0.995303
5616	479274.32	3850465.71	8.57683	10.66912	8.3935	10.73148		7.77E-01	0.04514	0.00016	0.02486	0.8474		9.81E-01	0.056968	0.000133	0.01451	1.05E+00		0.967035	0.048997	0.000109	0.015411	1.031551
5617	479357.43	3850507.42	8.99022	10.9684	8.78852	11.02584		8.15E-01	0.0464	0.00016	0.02554	0.88682		1.03E+00	0.058566	0.00014	0.014908	1.10E+00		1.013644	0.050371	0.000114	0.015834	1.079963
5618	479440.53	3850549.14	9.39971	11.54648	9.33924	11.21462		8.52E-01	0.04885	0.00017	0.02598	0.92682		1.08E+00	0.061653	0.000148	0.015163	1.15E+00		1.059814	0.053026	0.000121	0.016105	1.129066
5619	479523.64	3850590.85	9.73151	11.90506	9.86829	11.58627		8.82E-01	0.05036	0.00018	0.02684	0.95928		1.11E+00	0.063567	0.000157	0.015666	1.19E+00		1.097224	0.054672	0.000128	0.016638	1.168663
5620	479606.74	3850632.57	9.94598	12.19315	10.23154	12.04931		9.01E-01	0.05158	0.00019	0.02791	0.98101		1.14E+00	0.065106	0.000163	0.016292	1.22E+00		1.121406	0.055995	0.000133	0.017303	1.194838
5621	479777.37	3850707.61	10.4285	12.7507	11.22568	13.21181		9.45E-01	0.05394	0.00021	0.0306	1.02981		1.19E+00	0.068083	0.000178	0.017864	1.28E+00		1.17581	0.058556	0.000146	0.018973	1.253484
5622	479864.9	3850740.95	10.65072	13.09823	11.47825	13.78683		9.65E-01	0.05541	0.00021	0.03193	1.05275		1.22E+00	0.069938	0.000182	0.018641	1.31E+00		1.200865	0.060152	0.000149	0.019799	1.280965
5623	479931.87	3850829.56	10.4738	13.04323	11.20856	13.80902		9.49E-01	0.05518	0.00021	0.03198	1.03653		1.20E+00	0.069645	0.000178	0.018671	1.29E+00		1.180917	0.059899	0.000145	0.01983	1.260793
5624	479995.55	3850926.75	9.951	12.56351	10.57901	13.62627		9.02E-01	0.05315	0.0002	0.03156	0.98669		1.14E+00	0.067083	0.000168	0.018424	1.22E+00		1.121972	0.057696	0.000137	0.019568	1.199374
5625	480079.78	3850968.64	10.01682	12.80503	10.74082	14.228		9.08E-01	0.05417	0.0002	0.03295	0.99507		1.15E+00	0.068373	0.000171	0.019238	1.23E+00		1.129393	0.058805	0.000139	0.020432	1.20877
5626	480164.01	3851010.54	10.05975	12.99208	10.91447	14.64861		9.12E-01	0.05496	0.0002	0.03393	1.00073		1.15E+00	0.069371	0.000173	0.019807	1.24E+00		1.134233	0.059664	0.000142	0.021036	1.215076
5627	480248.23	3851052.43	10.08893	13.15356	11.04976	15.03858		9.14E-01	0.05565	0.00021	0.03483	1.00497		1.15E+00	0.070234	0.000176	0.020334	1.24E+00		1.137523	0.060406	0.000143	0.021596	1.219669
5628	480332.46	3851094.33	10.11387	13.34229	11.28351	15.37968		9.17E-01	0.05644	0.00021	0.03562	1.00882		1.16E+00	0.071241	0.000179	0.020795	1.25E+00		1.140335	0.061273	0.000146	0.022086	1.223841
5629	480416.69	3851136.22	10.14737	13.51817	11.55961	15.56934		9.20E-01	0.05719	0.00022	0.03606	1.01304		1.16E+00	0.072181	0.000184	0.021051	1.25E+00		1.144112	0.06208	0.00015	0.022358	1.228701
5630	480579.95	3851215.17	10.08846	13.77592	11.84444	16.46934		9.14E-01	0.05828	0.00022	0.03815	1.01088		1.15E+00	0.073557	0.000188	0.022268	1.25E+00		1.13747	0.063264	0.000154	0.023651	1.224539
5631	480658.98	3851252.22	10.0089	13.74961	11.82	16.7821		9.07E-01	0.05817	0.00022	0.03887	1.00429		1.14E+00	0.073416	0.000188	0.022691	1.24E+00		1.1285	0.063143	0.000153	0.0241	1.215897
5632	480817.36	3851327.85	9.6985	13.35662	11.52586	16.57685		8.79E-01	0.05651	0.00022	0.0384	0.97401		1.11E+00	0.071318	0.000183	0.022414	1.20E+00		1.093503	0.061339	0.00015	0.023805	1.178796
5633	480896.72	3851366.42	9.45279	13.21571	11.35542	16.37907		8.57E-01	0.05591	0.00021	0.03794	0.95069		1.08E+00	0.070566	0.00018	0.022146	1.17E+00		1.065799	0.060691	0.000147	0.023521	1.150159
5634	480976.07	3851405	9.26919	13.02831	11.24362	16.45364		8.40E-01	0.05512	0.00021	0.03811	0.93343		1.06E+00	0.069565	0.000179	0.022247	1.15E+00		1.045098	0.059831	0.000146	0.023628	1.128703
5635	481178	3851487.31	10.23278	14.23534	12.63945	18.95555		9.27E-01	0.06022	0.00024	0.0439	1.03168		1.17E+00	0.07601	0.000201	0.02563	1.27E+00		1.153742	0.065374	0.000164	0.027221	1.246502
5636	481244.9	3851557.17	10.26275	14.30923	12.72209	19.00849		9.30E-01	0.06054	0.00024	0.04403	1.03483		1.17E+00	0.076404	0.000202	0.025702	1.28E+00		1.157122	0.065713	0.000165	0.027297	1.250297
5637	481311.81	3851627.03	10.32334	14.41489	12.83381	19.07505		9.36E-01	0.06098	0.00024	0.04418	1.04093		1.18E+00	0.076969	0.000204	0.025792	1.28E+00		1.163953	0.066199	0.000167	0.027393	1.257711
5638	481378.71	3851696.89	10.38901	14.52518	12.94746	19.17549		9.41E-01	0.06145	0.00024	0.04441	1.04758		1.19E+00	0.077558	0.000206	0.025927	1.29E+00		1.171357	0.066705	0.000168	0.027537	1.265767
5639	481445.61	3851766.76	10.48391	14.69223	13.09271	19.32646		9.50E-01	0.06216	0.00025	0.04476	1.05724		1.20E+00	0.078449	0.000208	0.026131	1.30E+00		1.182057	0.067472	0.00017	0.027754	1.277453
5640	481512.51	3851836.62	10.62135	14.91446	13.28571	19.52357		9.63E-01	0.0631	0.00025	0.04522	1.07109		1.21E+00	0.079636	0.000211	0.026398	1.32E+00		1.197554	0.068493	0.000172	0.028037	1.294256
5641	481579.42	3851906.48	10.7636	15.17191	13.48309	19.71654		9.75E-01	0.06418	0.00025	0.04567	1.08552		1.23E+00	0.081011	0.000214	0.026659	1.34E+00		1.213592	0.069675	0.000175	0.028314	1.311756
5642	481646.32	3851976.34	10.90487	15.41811	13.68322	19.91671		9.88E-01	0.06523	0.00026	0.04613	1.09984		1.25E+00	0.082325	0.000217	0.02693	1.36E+00		1.22952	0.070806	0.000178	0.028601	1.329105
5643	481713.22	3852046.2	11.10745	15.67813	13.91852	20.07098		1.01E+00	0.06633	0.00026	0.04649	1.11966		1.27E+00	0.083714	0.000221	0.027138	1.38E+00		1.252361	0.072	0.000181	0.028823	1.353365
5644	481780.12	3852116.06	11.22921	15.93547	14.11778	20.3065		1.02E+00	0.06742	0.00026	0.04703	1.13233		1.28E+00	0.085088	0.000224	0.027457	1.40E+00		1.26609	0.073182	0.000183	0.029161	1.368616
5645	481847.03	3852185.92	11.33105	16.26399	14.31687	20.57014		1.03E+00	0.0688	0.00027	0.04764	1.14356		1.30E+00	0.086842	0.000228	0.027813	1.41E+00		1.277572	0.07469	0.000186	0.02954	1.381988
5646	481913.93	3852255.78	11.42214	16.57323	14.50247	20.83472		1.04E+00	0.07011	0.00027	0.04826	1.15374		1.31E+00	0.088493	0.00023	0.028171	1.42E+00		1.287842	0.07611	0.000188	0.02992	1.394061
5647	481980.83	3852325.65	11.45885	16.62877	14.62373	21.00009		1.04E+00	0.07035	0.00027	0.04864	1.15769		1.31E+00	0.08879	0.000232	0.028394	1.43E+00		1.291981	0.076365	0.00019	0.030157	1.398694
5648	482047.73	3852395.51	11.58817	16.86957	14.83425	21.21568		1.05E+00	0.07137	0.00028	0.04914	1.17093		1.33E+00	0.090075	0.000236	0.028686	1.44E+00		1.306562	0.077471	0.000193	0.030467	1.414693
5649	482114.64	3852465.37	11.71853	17.10076	15.06757	21.45435		1.06E+00	0.07234	0.00028	0.04969	1.18428		1.34E+00	0.09131	0.000239	0.029009	1.46E+00		1.32126	0.078533	0.000196	0.03081	1.430798
5650	482181.54	3852535.23	11.89435	17.42051	15.32276	21.71618		1.08E+00	0.0737	0.00029	0.0503	1.20217		1.36E+00	0.093017	0.000244	0.029363	1.48E+00		1.341084	0.080001	0.000199	0.031186	1.45247
5651	482338.69	3852700.04	12.34758	18.24196	16.0191	22.40968		1.12E+00	0.07717	0.0003	0.05191	1.24834		1.41E+00	0.097403	0.000255	0.0303	1.54E+00		1.392185	0.083774	0.000208	0.032181	1.508349
5652	482404.05	3852767.78	12.64485	18.72307	16.43298	22.886		1.15E+00	0.07921	0.00031	0.05301	1.27843		1.45E+00	0.099972	0.000261	0.030944	1.58E+00		1.425703	0.085983	0.000213	0.032865	1.544765
5653	482469.4	3852835.52	12.96825	19.383	16.90144	23.41655		1.18E+00	0.082	0.00032	0.05424	1.31176		1.48E+00	0.103496	0.000269	0.031662	1.62E+00		1.462166	0.089014	0.000219	0.033627	1.585026
5654	482534.75	3852903.25	13.35929	20.21983	17.46435	24.05881		1.21E+00	0.08554	0.00033	0.05572	1.35224		1.53E+00	0.107964	0.000278	0.03253	1.67E+00		1.506255	0.092857	0.000227	0.03455	1.633889
5655	482600.11	3852970.98	13.73123	21.17622	18.01929	24.70304		1.24E+00	0.08959	0.00034	0.05722	1.39149		1.57E+00	0.113071	0.000286	0.033401	1.72E+00		1.548191	0.097249	0.000234	0.035475	1.681149
5656	482706.71	3853119.28	14.24591	23.13989	18.68257	25.02643		1.29E+00	0.09789	0.00035	0.05797	1.4472		1.63E+00	0.123556	0.000297	0.033838	1.79E+00		1.606221	0.106267	0.000243	0.035939	1.74867
5657	482747.96	3853199.84	14.45936	24.33944	18.92285	25.17092		1.31E+00	0.10297	0.00035	0.0583	1.47196		1.65E+00	0.129961	0.000301	0.034034	1.82E+00		1.630288	0.111776	0.000246	0.036147	1.778456
5658	482789.21	3853280.4	14.63813	25.47981	19.342	24.86819		1.33E+00	0.10779	0.00036	0.0576	1.49229		1.67E+00	0.13605	0.000307	0.033624	1.84E+00		1.650444	0.117013	0.000251	0.035712	1.80342
5659	482830.46	3853360.96	14.80296	26.57125	19.62799	24.52219		1.34E+00	0.11241	0.00037	0.0568	1.51105		1.69E+00	0.141878	0.000312	0.033157	1.87E+00		1.669029	0.122025	0.000255	0.035215	1.826524
5660	482871.71	3853441.52	14.94801	27.49421	19.73629	24.17254		1.35E+00	0.11631	0.00037	0.05599	1.52729		1.71E+00	0.146806	0.000314	0.032684	1.89E+00		1.685383	0.126264	0.000256	0.034713	1.846616
5661	482912.95	3853522.07	15.14182	28.36673	19.85631	23.48143		1.37E+00	0.12001	0.00037	0.05439	1.54695		1.73E+00	0.151465	0.000316	0.031749	1.92E+00		1.707235	0.130271	0.000258	0.033721	1.871484
5662	482954.2	3853602.63	15.31896	28.85357	19.96871	22.82825		1.39E+00	0.12207	0.00037	0.05287	1.56355		1.75E+00	0.154064	0.000317	0.030866	1.94E+00		1.727207	0.132506	0.000259	0.032783	1.892756
5663	482995.45	3853683.19	15.51885	29.26412	19.94184	22.01457		1.41E+00	0.1238	0.00037	0.05099	1.58152		1.78E+00	0.156256	0.000317	0.029766	1.96E+00		1.749745	0.134392	0.000259	0.031614	1.91601
5664	483036.7	3853763.75	15.72921	30.15075	19.64459	21.31737		1.43E+00	0.12755	0.00037	0.04938	1.60271		1.80E+00	0.160991	0.000312	0.028823	1.99E+00		1.773463	0.138463	0.000255	0.030613	1.942794
5665	483214.2	3853909.91	16.94871	36.49888	21.3234	20.72575		1.54E+00	0.15441	0.0004	0.048	1.73874		1.94E+00	0.194887	0.000339	0.028023	2.16E+00		1.910961	0.167616	0.000277	0.029763	2.108618
5666	483307.01	3853910.44	17.06396	37.64099	22.70751	22.11001		1.55E+00	0.15924	0.00043	0.05121	1.75725		1.95E+00	0.200985	0.000361	0.029895	2.18E+00		1.923956	0.172861	0.000295	0.031751	2.128863
5667	483399.83	3853910.96	17.36787	37.4229	23.24392	22.50309		1.57E+00	0.15832	0.00044	0.05212	1.78479		1.99E+00	0.19982	0.000369	0.030427	2.22E+00		1.958221	0.17186	0.000302	0.032316	2.162699
5668	483494.52	3854009.24	18.14054	40.67543	24.4276	22.6051		1.64E+00	0.17208	0.00046	0.05236	1.86883		2.07E+00	0.217187	0.000388	0.030565	2.32E+00		2.04534	0.186797	0.000317	0.032462	2.264916
5669	483496.41	3854106.98	18.49771	41.71334	24.62212	22.40442		1.68E+00	0.17647	0.00046	0.05189	1.90512		2.12E+00	0.222729	0.000391	0.030293	2.37E+00		2.08561	0.191563	0.00032	0.032174	2.309667

5670	483577.56	3854261.96	20.75373	48.82195	26.05763	19.44607	1.88E+00	0.20654	0.00049	0.04504	2.13282	2.37E+00	0.260686	0.000414	0.026293	2.66E+00	2.339976	0.224209	0.000338	0.027926	2.592448
5671	483656.83	3854319.19	22.19415	52.53939	28.35951	18.10411	2.01E+00	0.22227	0.00053	0.04193	2.27601	2.54E+00	0.280535	0.000451	0.024479	2.84E+00	2.502383	0.24128	0.000368	0.025998	2.77003
5672	483736.1	3854376.41	23.94491	57.36322	31.18922	16.56482	2.17E+00	0.24268	0.00058	0.03837	2.45156	2.74E+00	0.306292	0.000496	0.022397	3.07E+00	2.69978	0.263433	0.000405	0.023788	2.987406
5673	483815.36	3854433.64	25.80123	59.73893	34.26982	15.18388	2.34E+00	0.25273	0.00064	0.03517	2.6267	2.95E+00	0.318977	0.000545	0.02053	3.29E+00	2.90908	0.274343	0.000445	0.021805	3.205673
5674	483894.63	3854490.87	27.51713	60.16639	36.6132	13.82463	2.49E+00	0.25453	0.00069	0.03202	2.7809	3.15E+00	0.32126	0.000582	0.018692	3.49E+00	3.102547	0.276306	0.000475	0.019853	3.399182
5675	483973.9	3854548.1	29.20108	57.50482	37.41033	12.66029	2.65E+00	0.24327	0.0007	0.02932	2.91956	3.34E+00	0.307048	0.000595	0.017118	3.66E+00	3.292412	0.264083	0.000486	0.018181	3.575162
5676	484053.17	3854605.32	30.50881	53.18888	37.31067	12.10224	2.76E+00	0.22502	0.0007	0.02803	3.01852	3.49E+00	0.284003	0.000593	0.016364	3.79E+00	3.439858	0.244263	0.000484	0.017379	3.701985
5677	484214.97	3854698.15	31.40128	41.28334	37.28822	12.17077	2.85E+00	0.17465	0.0007	0.02819	3.04919	3.59E+00	0.220433	0.000593	0.016456	3.83E+00	3.540484	0.189588	0.000484	0.017478	3.748034
5678	484297.5	3854733.74	32.08346	43.57061	38.1043	12.88709	2.91E+00	0.18433	0.00071	0.02985	3.12236	3.67E+00	0.232646	0.000606	0.017425	3.92E+00	3.617399	0.200092	0.000495	0.018507	3.836493
5679	484380.03	3854769.34	31.17794	38.03695	36.96984	13.36426	2.83E+00	0.16092	0.00069	0.03095	3.01797	3.57E+00	0.203099	0.000588	0.01807	3.79E+00	3.515302	0.17468	0.00048	0.019192	3.709654
5680	484462.56	3854804.94	31.92522	42.13879	40.86067	13.8017	2.89E+00	0.17827	0.00076	0.03197	3.10413	3.65E+00	0.225001	0.000649	0.018661	3.90E+00	3.599558	0.193517	0.00053	0.01982	3.813425
5681	484545.09	3854840.53	34.36446	41.81913	39.55499	14.01089	3.11E+00	0.17692	0.00074	0.03245	3.32429	3.93E+00	0.223294	0.000629	0.018944	4.17E+00	3.874581	0.192049	0.000513	0.02012	4.087264
5682	484691.88	3854912.58	39.0766	62.80849	35.22266	13.53541	3.54E+00	0.26571	0.00066	0.03135	3.83893	4.47E+00	0.335367	0.00056	0.018301	4.82E+00	4.405873	0.28844	0.000457	0.019438	4.714208
5683	484830.81	3855012.51	35.35521	68.66652	34.27995	13.32556	3.20E+00	0.29049	0.00064	0.03086	3.52596	4.04E+00	0.366646	0.000545	0.018018	4.43E+00	3.986288	0.315342	0.000445	0.019136	4.321211
5684	484905.48	3855075.97	33.00227	70.07041	35.30153	14.31169	2.99E+00	0.29643	0.00066	0.03315	3.32098	3.77E+00	0.374142	0.000561	0.019351	4.17E+00	3.720995	0.321789	0.000458	0.020552	4.063795
5685	484980.14	3855139.44	31.2573	67.23616	34.92288	14.75959	2.83E+00	0.28444	0.00065	0.03419	3.15189	3.58E+00	0.359009	0.000555	0.019957	3.95E+00	3.52425	0.308773	0.000453	0.021196	3.854672
5686	485054.81	3855202.91	31.53796	61.45104	34.31631	14.77095	2.86E+00	0.25997	0.00064	0.03421	3.15286	3.61E+00	0.328119	0.000545	0.019972	3.96E+00	3.555894	0.282206	0.000445	0.021212	3.859757
5687	485129.48	3855266.37	31.03796	56.23631	33.65915	14.15026	2.81E+00	0.23791	0.00063	0.03277	3.08404	3.55E+00	0.300275	0.000535	0.019133	3.87E+00	3.499519	0.258258	0.000437	0.020321	3.778535
5688	485204.15	3855329.84	29.7243	51.03692	33.56157	14.63993	2.69E+00	0.21591	0.00063	0.03391	2.94413	3.40E+00	0.272513	0.000533	0.019795	3.69E+00	3.351405	0.23438	0.000436	0.021024	3.607244
5689	485278.82	3855393.31	29.20644	47.53716	33.44833	14.53667	2.65E+00	0.20111	0.00063	0.03367	2.88215	3.34E+00	0.253826	0.000532	0.019655	3.61E+00	3.293016	0.218308	0.000434	0.020875	3.532634
5690	485353.48	3855456.77	28.53088	44.32921	32.84104	14.7531	2.59E+00	0.18754	0.00061	0.03417	2.80785	3.26E+00	0.236697	0.000522	0.019948	3.52E+00	3.216847	0.203576	0.000426	0.021186	3.442036
5691	485428.15	3855520.24	28.1113	40.96663	32.57348	14.54781	2.55E+00	0.17331	0.00061	0.0337	2.75512	3.22E+00	0.218742	0.000518	0.01967	3.45E+00	3.169539	0.188134	0.000423	0.020891	3.378988
5692	485502.82	3855583.71	27.54458	37.7602	32.0761	14.43104	2.50E+00	0.15974	0.0006	0.03343	2.68992	3.15E+00	0.201621	0.00051	0.019512	3.37E+00	3.105642	0.173409	0.000416	0.020724	3.300191
5693	485577.49	3855647.17	26.85283	34.71976	32.04808	14.94885	2.43E+00	0.14688	0.0006	0.03462	2.61557	3.07E+00	0.185387	0.000509	0.020212	3.28E+00	3.027647	0.159446	0.000416	0.021467	3.208977
5694	485652.16	3855710.64	26.32992	32.32612	31.37533	15.64112	2.39E+00	0.13676	0.00059	0.03623	2.55964	3.01E+00	0.172606	0.000499	0.021148	3.21E+00	2.968689	0.148454	0.000407	0.022461	3.140012
5695	485726.83	3855774.1	26.06146	29.86761	30.82086	15.45794	2.36E+00	0.12636	0.00058	0.0358	2.52448	2.98E+00	0.159479	0.00049	0.020901	3.16E+00	2.938421	0.137163	0.0004	0.022198	3.098182
5696	485801.49	3855837.57	25.98496	27.97448	30.8309	14.87831	2.35E+00	0.11835	0.00058	0.03446	2.5082	2.97E+00	0.14937	0.00049	0.020117	3.14E+00	2.929795	0.128469	0.0004	0.021366	3.080031
5697	485876.16	3855901.04	25.84444	28.5656	30.63072	14.66703	2.34E+00	0.12085	0.00057	0.03397	2.49747	2.96E+00	0.152527	0.000487	0.019831	3.13E+00	2.913952	0.131184	0.000398	0.021063	3.066596
5698	485950.83	3855964.5	25.97025	30.22302	31.02901	14.30297	2.35E+00	0.12786	0.00058	0.03313	2.51505	2.97E+00	0.161376	0.000493	0.019339	3.15E+00	2.928137	0.138795	0.000403	0.02054	3.087875
5699	486025.5	3856027.97	25.8518	33.52613	30.91764	13.44219	2.34E+00	0.14183	0.00058	0.03113	2.51629	2.96E+00	0.179013	0.000491	0.018175	3.15E+00	2.914782	0.153964	0.000401	0.019304	3.088451
5700	486100.17	3856091.44	25.79231	33.64929	30.70451	14.47341	2.34E+00	0.14235	0.00057	0.03352	2.5138	2.95E+00	0.179671	0.000488	0.01957	3.15E+00	2.908074	0.15453	0.000399	0.020785	3.083787
5701	486174.83	3856154.9	25.81333	38.00225	31.13433	13.31958	2.34E+00	0.16077	0.00058	0.03085	2.53146	2.95E+00	0.202914	0.000495	0.01801	3.17E+00	2.910444	0.17452	0.000404	0.019128	3.104496
5702	486249.5	3856218.37	25.68827	41.2087	31.70647	11.73649	2.33E+00	0.17433	0.00059	0.02718	2.53004	2.94E+00	0.220035	0.000504	0.015869	3.17E+00	2.896344	0.189246	0.000412	0.016854	3.102855
5703	486324.17	3856281.84	26.42722	43.4661	32.85078	10.7004	2.39E+00	0.18388	0.00061	0.02478	2.60417	3.02E+00	0.232088	0.000522	0.014468	3.27E+00	2.97966	0.199612	0.000426	0.015366	3.195065
5704	486398.84	3856345.3	26.76892	45.26164	33.34885	10.60395	2.43E+00	0.19148	0.00062	0.02456	2.64252	3.06E+00	0.241675	0.00053	0.014338	3.32E+00	3.018187	0.207858	0.000433	0.015228	3.241706
5705	486473.51	3856408.77	26.84436	46.74502	34.02341	10.44482	2.43E+00	0.19776	0.00064	0.02419	2.65528	3.07E+00	0.249596	0.000541	0.014123	3.33E+00	3.026692	0.21467	0.000442	0.014999	3.256804
5706	486548.17	3856472.24	26.58257	48.63777	33.92718	10.53133	2.41E+00	0.20576	0.00064	0.02439	2.63976	3.04E+00	0.259702	0.000539	0.01424	3.31E+00	2.997176	0.223363	0.00044	0.015124	3.236102
5707	486622.84	3856535.7	26.36106	51.91164	33.91677	10.68236	2.39E+00	0.21961	0.00063	0.02474	2.63388	3.02E+00	0.277183	0.000539	0.014444	3.31E+00	2.9722	0.238398	0.00044	0.01534	3.226379
5708	486765.48	3856659.69	25.63803	62.39965	32.95417	11.80394	2.32E+00	0.26398	0.00062	0.02734	2.61531	2.93E+00	0.333184	0.000524	0.01596	3.28E+00	2.890679	0.286562	0.000428	0.016951	3.19462
5709	486833.44	3856720.2	25.6241	67.68078	32.79983	12.6248	2.32E+00	0.28632	0.00061	0.02924	2.63829	2.93E+00	0.361383	0.000521	0.01707	3.31E+00	2.889109	0.310815	0.000426	0.01813	3.218479
5710	486901.41	3856780.72	25.37267	73.59761	32.3056	13.80709	2.30E+00	0.31136	0.0006	0.03198	2.64326	2.90E+00	0.392976	0.000513	0.018669	3.31E+00	2.86076	0.337988	0.000419	0.019828	3.218994
5711	486969.38	3856841.24	25.31909	80.56132	32.01006	15.08175	2.29E+00	0.34082	0.0006	0.03493	2.67082	2.90E+00	0.430159	0.000509	0.020392	3.35E+00	2.854719	0.369968	0.000416	0.021658	3.24676
5712	487037.34	3856901.75	25.27143	90.52629	31.83887	16.37339	2.29E+00	0.38297	0.0006	0.03792	2.71164	2.89E+00	0.483367	0.000506	0.022139	3.40E+00	2.849345	0.41573	0.000413	0.023513	3.289002
5713	487271.23	3856855.51	17.74644	78.22599	24.37748	14.51155	1.61E+00	0.33094	0.00046	0.03361	1.97322	2.03E+00	0.417689	0.000387	0.019621	2.47E+00	2.000905	0.359243	0.000316	0.020839	2.381304
5714	487368.96	3856857.29	16.78913	73.89924	23.02054	14.32327	1.52E+00	0.31263	0.00043	0.03318	1.8677	1.92E+00	0.394587	0.000366	0.019367	2.33E+00	1.892969	0.339373	0.000299	0.020569	2.253209
5715	487466.68	3856859.06	15.96572	70.69228	21.77594	14.71864	1.45E+00	0.29906	0.00041	0.03409	1.78041	1.83E+00	0.377463	0.000346	0.019901	2.22E+00	1.800129	0.324645	0.000283	0.021137	2.146194
5716	487636.44	3856930	15.09293	66.49897	20.56361	15.63717	1.37E+00	0.28132	0.00038	0.03622	1.68568	1.73E+00	0.355073	0.000327	0.021143	2.10E+00	1.701723	0.305388	0.000267	0.022456	2.029833
5717	487709.57	3856928.43	14.4592	63.04573	19.83853	15.64295	1.31E+00	0.26672	0.00037	0.03623	1.61364	1.65E+00	0.336634	0.000315	0.021151	2.01E+00	1.63027	0.289529	0.000258	0.022464	1.942521
5718	487782.54	3856841.96	13.7209	59.20882	18.61928	13.80112	1.24E+00	0.25048	0.00035	0.03197	1.52621	1.57E+00	0.316147	0.000296	0.018661	1.90E+00	1.547027	0.271909	0.000242	0.019819	1.838996
5719	487849.83	3856754.74	13.01282	55.67993	17.74181	12.57588	1.18E+00	0.23555	0.00033	0.02913	1.44426	1.49E+00	0.297304	0.000282	0.017004	1.80E+00	1.467191	0.255703	0.00023	0.01806	1.741184
5720	487918.03	3856819.39	12.77903	55.6399	17.52991	13.51785	1.16E+00	0.23539	0.00033	0.03131	1.42509	1.46E+00	0.29709	0.000279	0.018278	1.78E+00	1.440831	0.255519	0.000228	0.019412	1.71599
5721	487918.8	3856886.37	12.98863	56.47411	17.80153	14.50218	1.18E+00	0.23891	0.00033	0.03359	1.44989	1.49E+00	0.301545	0.000283	0.019609	1.81E+00	1.464464	0.25935	0.000231	0.020826	1.744871
5722	488065.47	3857127.5	13.36193	55.48229	18.34598	17.34877	1.21E+00	0.23472	0.00034	0.04018	1.48613	1.53E+00	0.296249	0.000292	0.023457	1.85E+00	1.506553	0.254795	0.000238	0.024914	1.7865
5723	488192.19	3857385.83	14.03392	52.01822	19.03557	20.79327	1.27E+00	0.22006	0.00036	0.04816	1.54036	1.61E+00	0.277752	0.000303	0.028115	1.91E+00	1.58232	0.238887	0.000247	0.02986	1.851314
5724	488191.22	3857473.87	14.21002	50.54131	19.70135	21.79953	1.29E+00	0.21382	0.00037	0.05049	1.55242	1.63E+00	0.269866	0.000313	0.029475	1.92E+00	1.602175	0.232104	0.000256	0.031305	1.86584
5725	488190.24	3857561.9	13.9173	49.20153	20.17449	22.63064	1.26E+00	0.20815	0.00038	0.05242	1.52216	1.59E+00	0.262713	0.000321	0.030599	1.89E+00	1.569171	0.225952	0.000262	0.032499	1.827883
5726	488158.35	3857691.13	14.25787	45.43796	20.75408	23.96466	1.29E+00	0.19223	0.00039	0.05551	1.5402	1.63E+00	0.242617	0.00033	0.032403	1.91E+00	1.60757	0.208668	0.000269	0.034415	1.850922
5727	488208.37	3857816.66	13.68719	39.22493	21.4516	27.29176	1.24E+00	0.16594	0.0004	0.06321	1.46992	1.57E+00	0.209442	0.000341	0.036901	1.81E+00	1.543226	0.180135	0.000278	0.039192	1.762832
5728	488271.97	3857874.6	13.31717	36.5706	21.29827	28.80603	1.21E+00	0.15471	0.0004	0.06672	1.42866	1.52E+00	0.195269	0.000338	0.038949	1.76E+00	1.501506	0.167946	0.000276	0.041367	1.711096
5729	488463.56	3857942.31	12.90155	34.36625	19.73414	27.96038	1.17E+00	0.14539	0.00037	0.06476	1.37968	1.48E+00	0.183499	0.000314	0.037805	1.70E+00	1.454645	0.157823	0.000256	0.040153	1.652877
5730	488554.83	3857940.83	12.69078	34.34861	18.87998	25.80725	1.15E+00	0.14531	0.00035	0.05977	1.35551	1.45E+00	0.183405	0.0003	0.034894	1.67E+00	1.430881	0.157742	0.000245	0.037061	1.625928

5731	488646.1	3857939.36	12.41353	34.08455	18.65512	23.96392	1.12E+00	0.1442	0.00035	0.0555	1.32499	1.42E+00	0.181995	0.000296	0.032402	1.63E+00	1.399621	0.156529	0.000242	0.034413	1.590806
5732	488737.37	3857937.88	11.94765	33.46569	18.36286	22.68511	1.08E+00	0.14158	0.00034	0.05254	1.27718	1.37E+00	0.178691	0.000292	0.030673	1.58E+00	1.347093	0.153687	0.000238	0.032577	1.533596
5733	488733.59	3857960.57	12.02363	33.21299	18.42114	23.05312	1.09E+00	0.14051	0.00034	0.0534	1.28385	1.38E+00	0.177341	0.000293	0.03117	1.58E+00	1.35566	0.152526	0.000239	0.033105	1.541531
5734	488638.09	3857961.57	12.48803	33.43061	18.56832	24.64277	1.13E+00	0.14143	0.00035	0.05708	1.33054	1.43E+00	0.178503	0.000295	0.03332	1.64E+00	1.408021	0.153526	0.000241	0.035388	1.597176
5735	488542.6	3857962.56	12.62199	33.753	19.07737	26.78027	1.14E+00	0.14279	0.00036	0.06203	1.34901	1.44E+00	0.180225	0.000303	0.03621	1.66E+00	1.423125	0.155006	0.000248	0.038458	1.616837
5736	488447.1	3857963.56	12.9354	33.49774	20.10416	29.24294	1.17E+00	0.14171	0.00038	0.06773	1.38205	1.48E+00	0.178862	0.00032	0.03954	1.70E+00	1.458462	0.153834	0.000261	0.041994	1.654551
5737	488254.28	3857890.36	13.02136	35.98198	21.83449	30.1452	1.18E+00	0.15222	0.00041	0.06982	1.40248	1.49E+00	0.192127	0.000347	0.04076	1.72E+00	1.468154	0.165243	0.000283	0.04329	1.67697
5738	488191.69	3857833.06	13.38919	38.32946	21.97422	28.31472	1.21E+00	0.16215	0.00041	0.06558	1.4415	1.53E+00	0.204661	0.000349	0.038285	1.77E+00	1.509627	0.176023	0.000285	0.040661	1.726596
5739	488129.5	3857907.43	12.51756	36.8919	24.10453	36.56925	1.13E+00	0.15607	0.00045	0.0847	1.37559	1.43E+00	0.196985	0.000383	0.049446	1.68E+00	1.411351	0.169421	0.000313	0.052515	1.6336
5740	488196.47	3857968.73	12.32146	33.80405	23.08058	38.12051	1.12E+00	0.14301	0.00043	0.08829	1.34833	1.41E+00	0.180497	0.000367	0.051543	1.64E+00	1.38924	0.155241	0.0003	0.054743	1.599524
5741	488263.44	3858030.04	12.14413	31.13436	22.15431	38.45694	1.10E+00	0.13171	0.00041	0.08907	1.32173	1.39E+00	0.166243	0.000352	0.051998	1.61E+00	1.369247	0.142981	0.000288	0.055226	1.567741
5742	488400.64	3858132.9	11.56853	27.57344	20.09044	35.07103	1.05E+00	0.11665	0.00038	0.08123	1.24662	1.32E+00	0.147229	0.000319	0.04742	1.52E+00	1.304348	0.126627	0.000261	0.050364	1.4816
5743	488519.89	3858218.38	11.29878	24.65483	18.94479	31.59233	1.02E+00	0.1043	0.00035	0.07317	1.20175	1.29E+00	0.131645	0.000301	0.042716	1.47E+00	1.273934	0.113224	0.000246	0.045368	1.432772
5744	488647.97	3858214.99	11.93912	25.83816	19.86614	30.05316	1.08E+00	0.10931	0.00037	0.06961	1.26124	1.37E+00	0.137963	0.000316	0.040635	1.54E+00	1.346132	0.118658	0.000258	0.043158	1.508206
5745	488727.05	3858167.67	12.12015	28.71689	18.93527	27.27801	1.10E+00	0.12149	0.00035	0.06318	1.28338	1.39E+00	0.153334	0.000301	0.036883	1.58E+00	1.366543	0.131879	0.000246	0.039173	1.53784
5746	488806.12	3858120.35	12.01638	29.27851	17.96277	24.87045	1.09E+00	0.12386	0.00034	0.0576	1.27075	1.37E+00	0.156333	0.000285	0.033628	1.56E+00	1.354843	0.134458	0.000233	0.035715	1.525249
5747	488885.2	3858073.03	11.67747	30.1363	17.90731	23.12781	1.06E+00	0.12749	0.00034	0.05357	1.23963	1.34E+00	0.160913	0.000285	0.031271	1.53E+00	1.316631	0.138397	0.000232	0.033213	1.488473
5748	489055.76	3857991.17	11.94159	30.93252	16.97526	20.88196	1.08E+00	0.13086	0.00032	0.04837	1.26172	1.37E+00	0.165165	0.00027	0.028235	1.56E+00	1.34641	0.142054	0.00022	0.029988	1.518672
5749	489245.39	3857944.54	11.53111	30.49224	16.12399	19.29573	1.04E+00	0.129	0.0003	0.04469	1.21897	1.32E+00	0.162814	0.000256	0.02609	1.51E+00	1.300129	0.140032	0.000209	0.02771	1.468079
5750	489430.63	3857930.91	11.07206	29.73229	15.11464	17.80215	1.00E+00	0.12578	0.00028	0.04123	1.17067	1.27E+00	0.158756	0.00024	0.02407	1.45E+00	1.248371	0.136542	0.000196	0.025565	1.410674
5751	489517.74	3857929.36	10.87086	29.23356	14.73962	17.06331	9.85E-01	0.12367	0.00028	0.03952	1.14861	1.24E+00	0.156093	0.000234	0.023071	1.42E+00	1.225686	0.134251	0.000191	0.024504	1.384632
5752	489604.85	3857927.82	10.65424	28.66629	14.34302	16.38343	9.66E-01	0.12127	0.00027	0.03795	1.125	1.22E+00	0.153064	0.000228	0.022152	1.39E+00	1.201262	0.131646	0.000186	0.023527	1.356622
5753	489691.97	3857926.28	10.33728	27.77367	13.9543	15.89351	9.37E-01	0.1175	0.00026	0.03681	1.09136	1.18E+00	0.148298	0.000222	0.02149	1.35E+00	1.165525	0.127547	0.000181	0.022824	1.316077
5754	489779.08	3857924.73	9.91836	26.85928	13.56457	15.37058	8.99E-01	0.11363	0.00025	0.0356	1.04831	1.13E+00	0.143416	0.000216	0.020783	1.30E+00	1.118292	0.123348	0.000176	0.022073	1.263889
5755	490017.54	3857875.08	8.96066	23.28877	12.22575	13.46421	8.12E-01	0.09852	0.00023	0.03119	0.94197	1.02E+00	0.124351	0.000194	0.018205	1.17E+00	1.010311	0.106951	0.000159	0.019335	1.136756
5756	490033.82	3857960.81	9.13084	24.33592	12.55036	14.19524	8.27E-01	0.10295	0.00023	0.03288	0.96352	1.04E+00	0.129942	0.000199	0.019194	1.19E+00	1.029499	0.11176	0.000163	0.020385	1.161807
5757	489959.15	3857987.49	9.47611	25.14395	12.98918	14.85285	8.59E-01	0.10637	0.00024	0.0344	0.99976	1.08E+00	0.134257	0.000206	0.020083	1.24E+00	1.068428	0.11547	0.000169	0.021329	1.205397
5758	489791.49	3858016.12	10.36704	26.65701	13.98366	15.92106	9.39E-01	0.11277	0.00026	0.03688	1.08939	1.19E+00	0.142336	0.000222	0.021527	1.35E+00	1.16888	0.122419	0.000182	0.022863	1.314344
5759	489698.51	3858018.07	10.62342	27.22299	14.40554	16.60049	9.63E-01	0.11517	0.00027	0.03845	1.1166	1.22E+00	0.145358	0.000229	0.022446	1.38E+00	1.197787	0.125018	0.000187	0.023839	1.346831
5760	489605.52	3858020.02	10.81967	27.52708	14.83007	17.39093	9.81E-01	0.11645	0.00028	0.04028	1.13751	1.24E+00	0.146981	0.000236	0.023514	1.41E+00	1.219914	0.126415	0.000193	0.024974	1.371495
5761	489512.53	3858021.96	10.96686	27.87417	15.25302	18.11534	9.94E-01	0.11792	0.00029	0.04196	1.15401	1.25E+00	0.148835	0.000242	0.024494	1.43E+00	1.23651	0.128009	0.000198	0.026015	1.390731
5762	489419.55	3858023.91	11.18741	27.92681	15.70047	18.78225	1.01E+00	0.11814	0.00029	0.0435	1.17577	1.28E+00	0.149116	0.00025	0.025396	1.45E+00	1.261377	0.12825	0.000204	0.026972	1.416803
5763	489228.47	3858041.29	11.77636	29.49081	16.52041	20.06847	1.07E+00	0.12476	0.00031	0.04648	1.23875	1.35E+00	0.157467	0.000263	0.027135	1.53E+00	1.327781	0.135433	0.000214	0.028819	1.492247
5764	489065.75	3858085.78	11.51678	29.59939	17.42728	21.46799	1.04E+00	0.12522	0.00033	0.04972	1.21895	1.32E+00	0.158047	0.000277	0.029027	1.50E+00	1.298513	0.135931	0.000226	0.030829	1.4655
5765	489001.12	3858114.86	11.31616	29.15496	17.67727	22.25423	1.03E+00	0.12334	0.00033	0.05155	1.20071	1.29E+00	0.155674	0.000281	0.03009	1.48E+00	1.275893	0.13389	0.000229	0.031958	1.441971
5766	488861.89	3858189.81	11.82879	28.64302	18.08453	25.08496	1.07E+00	0.12117	0.00034	0.0581	1.25156	1.35E+00	0.15294	0.000287	0.033918	1.54E+00	1.333692	0.131539	0.000235	0.036023	1.501489
5767	488787.28	3858235.69	11.99326	26.81185	18.67185	27.70404	1.09E+00	0.11343	0.00035	0.06417	1.2648	1.37E+00	0.143162	0.000297	0.037459	1.55E+00	1.352236	0.12313	0.000242	0.039784	1.515393
5768	488712.68	3858281.57	11.77601	24.11165	19.46206	28.71211	1.07E+00	0.102	0.00036	0.0665	1.23604	1.35E+00	0.128745	0.000309	0.038822	1.51E+00	1.327741	0.11073	0.000253	0.041232	1.479955
5769	488654.39	3858436.17	10.87694	22.89073	14.80846	32.781	9.86E-01	0.09684	0.00028	0.07593	1.15873	1.24E+00	0.122226	0.000235	0.044323	1.41E+00	1.226371	0.105123	0.000192	0.047075	1.378761
5770	488726.3	3858505.26	10.85701	21.94671	14.69204	31.33747	9.84E-01	0.09285	0.00028	0.07258	1.14959	1.24E+00	0.117185	0.000234	0.042372	1.40E+00	1.224124	0.100787	0.000191	0.045002	1.370105
5771	488880.6	3858599.28	9.74084	19.98212	12.44029	27.50746	8.83E-01	0.08453	0.00023	0.06371	1.03122	1.11E+00	0.106695	0.000198	0.037193	1.26E+00	1.098276	0.091765	0.000161	0.039502	1.229705
5772	489008.06	3858714.75	9.31553	18.7589	11.66825	25.58107	8.44E-01	0.07936	0.00022	0.05925	0.98302	1.07E+00	0.100164	0.000185	0.034588	1.20E+00	1.050323	0.086148	0.000151	0.036736	1.173358
5773	489071.48	3858772.72	9.12938	18.19111	11.37663	24.68447	8.27E-01	0.07696	0.00021	0.05717	0.96167	1.04E+00	0.097132	0.000181	0.033376	1.17E+00	1.029334	0.08354	0.000148	0.035448	1.148471
5774	489244.59	3858920.19	8.67679	16.68357	10.59285	22.32393	7.86E-01	0.07058	0.0002	0.05171	0.90879	9.92E-01	0.089082	0.000168	0.030184	1.11E+00	0.978305	0.076617	0.000137	0.032058	1.087118
5775	489239.69	3858952.23	9.14131	16.52321	10.58575	22.3957	8.28E-01	0.0699	0.0002	0.05187	0.95038	1.05E+00	0.088226	0.000168	0.030281	1.16E+00	1.03068	0.075881	0.000137	0.032161	1.138859
5776	489121.67	3858854.49	9.94684	17.55885	11.24584	23.98945	9.01E-01	0.07428	0.00021	0.05556	1.03146	1.14E+00	0.093756	0.000179	0.032436	1.26E+00	1.121503	0.080637	0.000146	0.03445	1.236736
5777	489059.59	3858797.27	9.84214	18.1858	11.54937	24.98928	8.92E-01	0.07694	0.00022	0.05788	1.02695	1.13E+00	0.097103	0.000184	0.033788	1.26E+00	1.109698	0.083516	0.00015	0.035886	1.22925
5778	488997.52	3858740.04	9.73237	18.85762	11.81547	26.03076	8.82E-01	0.07978	0.00022	0.06029	1.02226	1.11E+00	0.100691	0.000188	0.035196	1.25E+00	1.097321	0.086601	0.000153	0.037382	1.221457
5779	488935.44	3858682.82	9.73266	19.50042	12.06638	27.11006	8.82E-01	0.0825	0.00023	0.06279	1.02751	1.11E+00	0.104123	0.000192	0.036656	1.25E+00	1.097354	0.089553	0.000157	0.038931	1.225995
5780	488869.17	3858848.43	24.39486	21.19896	14.56634	32.04864	2.21E+00	0.08968	0.00027	0.07423	2.3749	2.79E+00	0.113192	0.000232	0.043333	2.95E+00	2.750512	0.097353	0.000189	0.046024	2.894078
5781	488932.48	3858892.69	22.61117	20.89728	14.54515	31.30019	2.05E+00	0.08841	0.00027	0.0725	2.21025	2.59E+00	0.111581	0.000231	0.042321	2.74E+00	2.549402	0.095968	0.000189	0.044949	2.690507
5782	489063.27	3858977.17	17.73105	20.07021	14.53163	29.20973	1.61E+00	0.08491	0.00027	0.06766	1.75966	2.03E+00	0.107165	0.000231	0.039495	2.17E+00	1.99917	0.09217	0.000189	0.041947	2.133475
5783	489248.2	3859117.15	13.12637	16.16971	12.13295	22.92107	1.19E+00	0.06841	0.00023	0.05309	1.31126	1.50E+00	0.086339	0.000193	0.030992	1.62E+00	1.479994	0.074257	0.000157	0.032916	1.587324
5784	489296.25	3859049.22	11.27642	16.21234	12.19356	22.28898	1.02E+00	0.06859	0.00023	0.05163	1.14233	1.29E+00	0.086566	0.000194	0.030137	1.41E+00	1.271412	0.074453	0.000158	0.032008	1.378032
5785	489353.38	3858993.96	8.66056	15.94139	11.73087	21.10713	7.85E-01	0.06744	0.00022	0.04889	0.90139	9.91E-01	0.085119	0.000186	0.028539	1.10E+00	0.976475	0.073209	0.000152	0.030311	1.080147
5786	489537.24	3859120.22	9.3878	16.54075	12.73545	21.44332	8.51E-01	0.06998	0.00024	0.04967	0.97062	1.07E+00	0.08832	0.000202	0.028994	1.19E+00	1.058471	0.075961	0.000165	0.030794	1.165392
5787	489726.98	3859246.04	9.6841	16.78059	12.84009	21.55965	8.78E-01	0.07099	0.00024	0.04994	0.99876	1.11E+00	0.0896	0.000204	0.029151	1.23E+00	1.091879	0.077063	0.000167	0.030961	1.200069
5788	489911.46	3859366.33	9.73691	16.69864	12.55256	21.15933	8.82E-01	0.07064	0.00023	0.04901	1.00227	1.11E+00	0.089163	0.000199	0.02861	1.23E+00	1.097833	0.076686	0.000163	0.030386	1.205068
5789	490035.3	3859430.26	9.66489	16.40142	12.40523	20.96174	8.76E-01	0.06939	0.00023	0.04855	0.99402	1.11E+00	0.087576	0.000197	0.028343	1.22E+00	1.089713	0.075321	0.000161	0.030102	1.195298
5790	490101.11	3859458.61	9.62394	16.33704	12.40919	20.80445	8.72E-01	0.06911	0.00023	0.04819	0.98968	1.10E+00	0.087232	0.000197	0.02813	1.22E+00	1.085096	0.075026	0.000161	0.029876	1.190159
5791	490312.68	3859560.3	9.45433	15.92124	12.16237	20.22095	8.57E-01	0.06735	0.00023	0.04684	0.97119	1.08E+00	0.085012	0.000193	0.027341	1.19E+00	1.065972	0.073116	0.000158	0.029038	1.168285

5792	490401.63	3859603.12	9.37158	15.80942	12.20082	19.92236	8.49E-01	0.06688	0.00023	0.04614	0.96253	1.07E+00	0.084415	0.000194	0.026937	1.18E+00	1.056642	0.072603	0.000158	0.02861	1.158013
5793	490490.57	3859645.94	9.28007	15.68159	12.20325	19.62497	8.41E-01	0.06634	0.00023	0.04546	0.953	1.06E+00	0.083732	0.000194	0.026535	1.17E+00	1.046325	0.072016	0.000158	0.028182	1.146681
5794	490579.51	3859688.76	9.194	15.54199	12.20653	19.27102	8.33E-01	0.06575	0.00023	0.04464	0.94379	1.05E+00	0.082987	0.000194	0.026057	1.16E+00	1.03662	0.071375	0.000158	0.027674	1.135828
5795	490668.45	3859731.58	9.07602	15.42883	12.19464	18.87004	8.22E-01	0.06527	0.00023	0.04371	0.93169	1.04E+00	0.082383	0.000194	0.025514	1.15E+00	1.023318	0.070855	0.000158	0.027098	1.12143
5796	490757.4	3859774.4	8.96446	15.13119	12.01585	18.46884	8.12E-01	0.06401	0.00022	0.04278	0.91939	1.03E+00	0.080793	0.000191	0.024972	1.13E+00	1.01074	0.069488	0.000156	0.026522	1.106906
5797	491003.53	3859861.82	8.50485	14.4881	11.23906	17.65212	7.71E-01	0.06129	0.00021	0.04089	0.87312	9.73E-01	0.07736	0.000179	0.023868	1.07E+00	0.958919	0.066535	0.000146	0.025349	1.050949
5798	491081.41	3859879.05	8.44727	14.2751	10.8367	17.45913	7.66E-01	0.06039	0.0002	0.04044	0.86654	9.66E-01	0.076222	0.000172	0.023607	1.07E+00	0.952427	0.065557	0.000141	0.025072	1.043196
5799	491229.76	3859917.82	8.21146	13.8729	10.7909	16.94327	7.44E-01	0.05869	0.0002	0.03924	0.84228	9.39E-01	0.074075	0.000172	0.022909	1.04E+00	0.925839	0.06371	0.00014	0.024331	1.01402
5800	491300.22	3859939.35	8.03247	13.60548	10.61445	16.7177	7.28E-01	0.05756	0.0002	0.03872	0.8244	9.19E-01	0.072647	0.000169	0.022604	1.01E+00	0.905658	0.062481	0.000138	0.024007	0.992285
5801	491350.48	3860012.03	7.93072	13.29328	10.26263	16.58438	7.19E-01	0.05624	0.00019	0.03841	0.81354	9.07E-01	0.07098	0.000163	0.022424	1.00E+00	0.894186	0.061048	0.000133	0.023816	0.979183
5802	491406.82	3860092.56	7.83766	13.03691	9.85549	16.48455	7.10E-01	0.05515	0.00018	0.03818	0.80378	8.96E-01	0.069611	0.000157	0.022289	9.89E-01	0.883693	0.05987	0.000128	0.023673	0.967364
5803	491483.36	3860121.96	7.72074	12.84832	9.79928	16.19362	7.00E-01	0.05435	0.00018	0.03751	0.79172	8.83E-01	0.068604	0.000156	0.021896	9.74E-01	0.870511	0.059004	0.000127	0.023255	0.952897
5804	491559.91	3860151.35	7.58108	12.63523	9.71661	15.87598	6.87E-01	0.05345	0.00018	0.03677	0.77742	8.67E-01	0.067466	0.000154	0.021466	9.56E-01	0.854764	0.058026	0.000126	0.022799	0.935715
5805	491711.81	3860237.76	7.57163	12.72385	9.75438	15.38789	6.86E-01	0.05383	0.00018	0.03564	0.77581	8.66E-01	0.067939	0.000155	0.020806	9.55E-01	0.853699	0.058433	0.000127	0.022098	0.934356
5806	491755.2	3860319.07	7.25558	11.98196	9.03337	15.26636	6.58E-01	0.05069	0.00017	0.03536	0.74373	8.30E-01	0.063978	0.000144	0.020642	9.15E-01	0.818064	0.055026	0.000117	0.021923	0.89513
5807	491704.71	3860366.54	7.19144	11.78878	9.04509	15.00007	6.52E-01	0.04987	0.00017	0.03474	0.73649	8.23E-01	0.062946	0.000144	0.020282	9.06E-01	0.810832	0.054138	0.000117	0.021541	0.886629
5808	491623.42	3860462.39	7.32769	11.66714	9.09033	14.94526	6.64E-01	0.04936	0.00017	0.03462	0.74819	8.38E-01	0.062297	0.000144	0.020208	9.21E-01	0.826195	0.05358	0.000118	0.021462	0.901355
5809	491534.02	3860439.85	7.93594	12.65979	9.60319	15.77455	7.19E-01	0.05356	0.00018	0.03654	0.80945	9.08E-01	0.067597	0.000153	0.021329	9.97E-01	0.894775	0.058138	0.000125	0.022653	0.975691
5810	491313.95	3860268.17	7.85822	12.55982	9.65722	16.31906	7.12E-01	0.05313	0.00018	0.0378	0.80324	8.99E-01	0.067063	0.000153	0.022065	9.88E-01	0.886012	0.057679	0.000125	0.023435	0.967251
5811	491187.12	3860143.56	7.91889	12.80582	10.06451	16.40042	7.18E-01	0.05418	0.00019	0.03799	0.80998	9.06E-01	0.068377	0.00016	0.022175	9.96E-01	0.892852	0.058809	0.000131	0.023552	0.975344
5812	491070.43	3860075.97	8.09356	13.09902	10.22383	16.74985	7.33E-01	0.05542	0.00019	0.0388	0.82786	9.26E-01	0.069942	0.000162	0.022648	1.02E+00	0.912546	0.060156	0.000133	0.024054	0.996888
5813	490995.09	3860039.38	8.1895	13.23431	10.25524	16.95832	7.42E-01	0.05599	0.00019	0.03928	0.83761	9.37E-01	0.070665	0.000163	0.022929	1.03E+00	0.923363	0.060777	0.000133	0.024353	1.008626
5814	490919.75	3860002.8	8.27393	13.34756	10.25435	17.10645	7.50E-01	0.05647	0.00019	0.03962	0.84608	9.46E-01	0.07127	0.000163	0.02313	1.04E+00	0.932883	0.061297	0.000133	0.024566	1.018879
5815	490756.81	3859894.53	8.23797	13.30764	10.2559	16.86979	7.47E-01	0.0563	0.00019	0.03907	0.84211	9.42E-01	0.071056	0.000163	0.02281	1.04E+00	0.928828	0.061114	0.000133	0.024226	1.014301
5816	490668.07	3859860.92	8.34791	13.48708	10.36848	17.13072	7.57E-01	0.05706	0.00019	0.03968	0.85343	9.55E-01	0.072015	0.000165	0.023163	1.05E+00	0.941224	0.061938	0.000135	0.024601	1.027897
5817	490579.34	3859827.3	8.44271	13.60963	10.45871	17.35892	7.65E-01	0.05758	0.0002	0.04021	0.86307	9.66E-01	0.072669	0.000166	0.023471	1.06E+00	0.951913	0.0625	0.000136	0.024928	1.039477
5818	490490.6	3859793.68	8.55351	13.73785	10.47216	17.62961	7.75E-01	0.05812	0.0002	0.04083	0.87428	9.78E-01	0.073354	0.000166	0.023837	1.08E+00	0.964405	0.063089	0.000136	0.025317	1.052948
5819	490401.86	3859760.07	8.67234	13.89826	10.54444	17.97613	7.86E-01	0.0588	0.0002	0.04164	0.88654	9.92E-01	0.07421	0.000168	0.024306	1.09E+00	0.977803	0.063826	0.000137	0.025815	1.067581
5820	490313.12	3859726.45	8.81095	14.04851	10.79915	18.28291	7.98E-01	0.05943	0.0002	0.04235	0.90045	1.01E+00	0.075012	0.000172	0.02472	1.11E+00	0.993432	0.064516	0.00014	0.026255	1.084343
5821	490224.39	3859692.83	8.97767	14.24922	10.9059	18.64932	8.14E-01	0.06028	0.0002	0.0432	0.91726	1.03E+00	0.076084	0.000173	0.025216	1.13E+00	1.012229	0.065438	0.000142	0.026781	1.10459
5822	490135.65	3859659.22	9.17499	14.37477	10.88074	18.92728	8.31E-01	0.06081	0.0002	0.04384	0.93631	1.05E+00	0.076754	0.000173	0.025592	1.15E+00	1.034477	0.066014	0.000141	0.027181	1.127813
5823	489918.18	3859559.23	10.00748	14.78289	11.04454	19.65947	9.07E-01	0.06254	0.00021	0.04554	1.01518	1.14E+00	0.078934	0.000176	0.026582	1.25E+00	1.12834	0.067889	0.000143	0.028232	1.224604
5824	489743.61	3859486	11.1725	15.48724	11.46534	20.81105	1.01E+00	0.06552	0.00021	0.0482	1.12641	1.28E+00	0.082694	0.000182	0.028139	1.39E+00	1.259696	0.071123	0.000149	0.029886	1.360853
5825	489660.32	3859440.27	11.63625	15.66125	11.65374	21.20214	1.05E+00	0.06626	0.00022	0.04911	1.17008	1.33E+00	0.083624	0.000185	0.028668	1.44E+00	1.311983	0.071922	0.000151	0.030447	1.414504
5826	489577.04	3859394.53	12.16739	15.78765	11.81168	21.53703	1.10E+00	0.06679	0.00022	0.04988	1.21953	1.39E+00	0.084298	0.000188	0.02912	1.51E+00	1.371869	0.072503	0.000153	0.030928	1.475453
5827	489493.75	3859348.8	12.73928	15.94061	11.91491	22.0595	1.15E+00	0.06744	0.00022	0.05109	1.27321	1.46E+00	0.085115	0.000189	0.029827	1.57E+00	1.436349	0.073205	0.000155	0.031679	1.541388
5828	489321.28	3859240.02	13.64633	15.73489	11.6647	22.46109	1.24E+00	0.06657	0.00022	0.05202	1.35547	1.56E+00	0.084017	0.000185	0.03037	1.68E+00	1.538619	0.07226	0.000151	0.032255	1.643286
5829	489235.41	3859193.96	13.92463	15.23508	11.13867	21.66953	1.26E+00	0.06445	0.00021	0.05019	1.37673	1.59E+00	0.081348	0.000177	0.0293	1.70E+00	1.569997	0.069965	0.000145	0.031119	1.671226
5830	489149.54	3859147.89	17.1054	18.11021	12.90567	26.39658	1.55E+00	0.07662	0.00024	0.06114	1.68812	1.96E+00	0.0967	0.000205	0.035691	2.09E+00	1.928628	0.083169	0.000168	0.037907	2.049871
5831	489063.68	3859101.82	18.44423	18.7942	13.12041	27.52329	1.67E+00	0.07951	0.00025	0.06375	1.81496	2.11E+00	0.100352	0.000209	0.037214	2.25E+00	2.079581	0.08631	0.00017	0.039525	2.205586
5832	488977.81	3859055.75	19.6218	19.38731	13.31894	28.50888	1.78E+00	0.08202	0.00025	0.06603	1.92647	2.24E+00	0.103519	0.000212	0.038547	2.39E+00	2.212351	0.089034	0.000173	0.04094	2.342498
5833	488891.94	3859009.69	19.44264	19.92085	13.44684	29.80248	1.76E+00	0.08428	0.00025	0.06903	1.91549	2.22E+00	0.106368	0.000214	0.040296	2.37E+00	2.192151	0.091484	0.000175	0.042798	2.326607
5834	488808	3859060.73	16.09899	20.03778	13.49072	28.91704	1.46E+00	0.08477	0.00025	0.06698	1.61092	1.84E+00	0.106992	0.000214	0.039099	1.99E+00	1.815156	0.092021	0.000175	0.041526	1.948878
5835	488809.93	3859157.85	14.63264	20.0072	13.34908	27.83818	1.33E+00	0.08464	0.00025	0.06448	1.47541	1.67E+00	0.106829	0.000212	0.03764	1.82E+00	1.649825	0.09188	0.000173	0.039977	1.781856
5836	488811.85	3859254.96	13.57166	20.29787	12.95082	26.78806	1.23E+00	0.08587	0.00024	0.06205	1.37805	1.55E+00	0.108381	0.000206	0.03622	1.70E+00	1.5302	0.093215	0.000168	0.038469	1.662053
5837	488813.78	3859352.07	12.61653	19.95657	12.7209	25.7133	1.14E+00	0.08443	0.00024	0.05956	1.28756	1.44E+00	0.106559	0.000202	0.034767	1.58E+00	1.422509	0.091648	0.000165	0.036926	1.551248
5838	488815.71	3859449.19	11.78698	19.4031	12.57977	24.36166	1.07E+00	0.08209	0.00024	0.05643	1.20691	1.35E+00	0.103603	0.0002	0.03294	1.48E+00	1.328978	0.089106	0.000163	0.034985	1.453232
5839	488910.04	3859547.1	11.68629	18.78736	12.47754	24.12755	1.06E+00	0.07948	0.00023	0.05588	1.19463	1.34E+00	0.100316	0.000198	0.032623	1.47E+00	1.317625	0.086279	0.000162	0.034648	1.438714
5840	489002.45	3859547.91	12.29468	18.84887	12.44387	24.39328	1.11E+00	0.07974	0.00023	0.0565	1.25064	1.41E+00	0.100644	0.000198	0.032982	1.54E+00	1.386221	0.086561	0.000162	0.03503	1.507974
5841	489094.85	3859548.71	12.84852	18.24386	12.41469	24.57605	1.16E+00	0.07718	0.00023	0.05692	1.2987	1.47E+00	0.097413	0.000197	0.033229	1.60E+00	1.448666	0.083783	0.000161	0.035292	1.567902
5842	489230.05	3859601.87	12.75926	16.90039	12.3195	23.70909	1.16E+00	0.0715	0.00023	0.05491	1.28291	1.46E+00	0.09024	0.000196	0.032057	1.58E+00	1.438602	0.077613	0.00016	0.034047	1.550422
5843	489227.52	3859680.89	12.3172	16.94697	11.98152	23.10013	1.12E+00	0.07169	0.00022	0.0535	1.24163	1.41E+00	0.090489	0.00019	0.031234	1.53E+00	1.38876	0.077827	0.000156	0.033173	1.499915
5844	489133.47	3859760.29	11.51619	17.71733	12.13232	22.87129	1.04E+00	0.07495	0.00023	0.05297	1.17178	1.32E+00	0.094602	0.000193	0.030924	1.44E+00	1.298446	0.081365	0.000157	0.032844	1.412813
5845	489041.96	3859760.67	11.01949	17.75937	12.10761	22.59402	9.99E-01	0.07513	0.00023	0.05233	1.1263	1.26E+00	0.094827	0.000192	0.03055	1.39E+00	1.242444	0.081558	0.000157	0.032446	1.356605
5846	488950.45	3859761.05	10.66501	18.12415	11.95656	21.98543	9.66E-01	0.07667	0.00022	0.05092	1.09431	1.22E+00	0.096774	0.00019	0.029727	1.35E+00	1.202476	0.083233	0.000155	0.031572	1.317436
5847	488858.94	3859761.43	10.33801	18.73798	12.04126	21.23685	9.37E-01	0.07927	0.00023	0.04919	1.06554	1.18E+00	0.100052	0.000191	0.028715	1.31E+00	1.165607	0.086052	0.000156	0.030497	1.282312
5848	488767.43	3859761.82	10.01544	19.67427	12.01358	20.72914	9.08E-01	0.08323	0.00022	0.04801	1.03909	1.15E+00	0.105051	0.000191	0.028028	1.28E+00	1.129237	0.090352	0.000156	0.029768	1.249513
5849	488675.92	3859762.2	9.73733	20.72926	11.87635	19.88153	8.82E-01	0.0877	0.00022	0.04605	1.01638	1.11E+00	0.110684	0.000189	0.026882	1.25E+00	1.097881	0.095196	0.000154	0.028551	1.221782
5850	488584.41	3859762.58	9.42031	21.04141	11.49466	18.92681	8.54E-01	0.08902	0.00022	0.04384	0.98676	1.08E+00	0.112351	0.000183	0.025591	1.22E+00	1.062137	0.09663	0.000149	0.02718	1.186096
5851	488492.9	3859762.96	9.02956	19.23533	11.55052	18.07678	8.18E-01	0.08138	0.00022	0.04187	0.94174	1.03E+00	0.102707	0.000184	0.024442	1.16E+00	1.01808	0.088336	0.00015	0.025959	1.132525
5852	488402.76	3859830.95	8.33176	17.75197	11.11093	16.42901	7.55E-01	0.0751	0.00021	0.03805	0.8684	9.53E-01	0.094787	0.000177	0.022214	1.07E+00	0.939403	0.081524	0.000144	0.023593	1.044664

5853	488404.14	3859898.55	8.10657	17.45469	10.7468	16.03577	7.35E-01	0.07384	0.0002	0.03714	0.84582	9.27E-01	0.0932	0.000171	0.021682	1.04E+00	0.914013	0.080158	0.000139	0.023028	1.017339
5854	488505.18	3859964.96	8.31475	16.73919	10.98959	16.75237	7.54E-01	0.07082	0.00021	0.0388	0.86332	9.51E-01	0.089379	0.000175	0.022651	1.06E+00	0.937485	0.076873	0.000143	0.024057	1.038558
5855	488604.84	3859963.76	8.73338	17.96298	11.23087	17.58349	7.91E-01	0.07599	0.00021	0.04073	0.90837	9.99E-01	0.095914	0.000178	0.023775	1.12E+00	0.984686	0.082493	0.000146	0.025251	1.092575
5856	488704.51	3859962.56	9.10436	19.66478	11.18419	18.38562	8.25E-01	0.08319	0.00021	0.04258	0.95104	1.04E+00	0.105001	0.000178	0.024859	1.17E+00	1.026513	0.090308	0.000145	0.026403	1.143369
5857	488804.18	3859961.37	9.42367	19.20838	11.41364	19.27429	8.54E-01	0.08126	0.00021	0.04464	0.98011	1.08E+00	0.102564	0.000181	0.026061	1.21E+00	1.062516	0.088212	0.000148	0.027679	1.178555
5858	488903.85	3859960.17	9.69995	18.15238	11.52142	19.8647	8.79E-01	0.07679	0.00022	0.04601	1.00205	1.11E+00	0.096925	0.000183	0.026859	1.23E+00	1.093666	0.083362	0.00015	0.028527	1.205705
5859	489003.52	3859958.97	9.98192	17.39673	11.70473	20.43233	9.05E-01	0.0736	0.00022	0.04733	1.02572	1.14E+00	0.09289	0.000186	0.027627	1.26E+00	1.125458	0.079892	0.000152	0.029342	1.234844
5860	489103.18	3859957.77	10.3122	17.00919	11.53755	21.14904	9.35E-01	0.07196	0.00022	0.04899	1.05567	1.18E+00	0.090821	0.000183	0.028596	1.30E+00	1.162697	0.078113	0.00015	0.030371	1.27133
5861	489201.48	3860046.59	10.22317	16.3695	11.4392	20.72148	9.26E-01	0.06925	0.00021	0.04799	1.04391	1.17E+00	0.087405	0.000182	0.028018	1.28E+00	1.152659	0.075175	0.000148	0.029757	1.257739
5862	489200.11	3860136.61	9.81644	16.06353	11.19972	20.0249	8.90E-01	0.06796	0.00021	0.04638	1.00413	1.12E+00	0.085772	0.000178	0.027076	1.24E+00	1.1068	0.07377	0.000145	0.028757	1.209472
5863	489198.74	3860226.63	9.42294	15.75039	10.95352	19.31283	8.54E-01	0.06663	0.00021	0.04473	0.9655	1.08E+00	0.0841	0.000174	0.026113	1.19E+00	1.062433	0.072332	0.000142	0.027734	1.162641
5864	489197.38	3860316.65	9.00979	15.34582	10.66988	18.58733	8.16E-01	0.06492	0.0002	0.04305	0.92466	1.03E+00	0.081939	0.00017	0.025132	1.14E+00	1.015851	0.070474	0.000138	0.026692	1.113155
5865	489196.01	3860406.68	8.71609	15.12545	10.41759	17.79926	7.90E-01	0.06399	0.0002	0.04123	0.89528	9.97E-01	0.080763	0.000166	0.024067	1.10E+00	0.982736	0.069462	0.000135	0.025561	1.077894
5866	489194.64	3860496.7	8.35915	15.00762	9.91439	16.93986	7.58E-01	0.06349	0.00019	0.03924	0.86044	9.56E-01	0.080134	0.000158	0.022905	1.06E+00	0.942491	0.068921	0.000129	0.024327	1.035867
5867	489193.27	3860586.72	8.03652	14.86587	9.60364	16.28306	7.28E-01	0.06289	0.00018	0.03771	0.82907	9.19E-01	0.079377	0.000153	0.022016	1.02E+00	0.906115	0.06827	0.000125	0.023383	0.997892
5868	489092.02	3860678.13	7.475	14.70895	9.50455	15.49297	6.77E-01	0.06223	0.00018	0.03588	0.77569	8.55E-01	0.078539	0.000151	0.020948	9.55E-01	0.842804	0.067549	0.000123	0.022249	0.932725
5869	488992.13	3860679.52	7.14742	13.48289	9.25617	15.0962	6.48E-01	0.05704	0.00017	0.03497	0.73989	8.18E-01	0.071992	0.000147	0.020412	9.10E-01	0.805869	0.061918	0.00012	0.021679	0.889587
5870	488892.24	3860680.92	6.93303	12.51099	8.71445	14.58629	6.28E-01	0.05293	0.00016	0.03378	0.71516	7.93E-01	0.066803	0.000139	0.019722	8.80E-01	0.781697	0.057455	0.000113	0.020947	0.860212
5871	488792.36	3860682.31	6.8113	12.49081	8.74536	14.07176	6.17E-01	0.05284	0.00016	0.03259	0.70285	7.79E-01	0.066695	0.000139	0.019027	8.65E-01	0.767972	0.057362	0.000114	0.020208	0.845655
5872	488692.47	3860683.7	6.70314	12.83325	8.66438	13.5491	6.07E-01	0.05429	0.00016	0.03138	0.69329	7.67E-01	0.068523	0.000138	0.01832	8.54E-01	0.755777	0.058935	0.000112	0.019457	0.834281
5873	488592.59	3860685.1	6.50566	12.53004	8.57329	12.97178	5.90E-01	0.05301	0.00016	0.03005	0.67277	7.44E-01	0.066904	0.000136	0.017539	8.29E-01	0.733511	0.057543	0.000111	0.018628	0.809793
5874	488492.71	3860686.49	6.32186	13.1211	8.50266	12.27118	5.73E-01	0.05551	0.00016	0.02842	0.65699	7.23E-01	0.07006	0.000135	0.016592	8.10E-01	0.712788	0.060257	0.00011	0.017622	0.790777
5875	488299.07	3860762.18	5.70333	12.99344	7.66556	10.49914	5.17E-01	0.05497	0.00014	0.02432	0.59628	6.52E-01	0.069379	0.000122	0.014196	7.36E-01	0.643049	0.059671	9.95E-05	0.015077	0.717896
5876	488205.32	3860764.09	5.40933	12.95271	7.17752	10.06684	4.90E-01	0.0548	0.00013	0.02332	0.56845	6.19E-01	0.069161	0.000114	0.013611	7.02E-01	0.6099	0.059484	9.32E-05	0.014457	0.683933
5877	488111.56	3860766	5.11418	13.39235	6.80935	9.80334	4.63E-01	0.05666	0.00013	0.02271	0.54295	5.85E-01	0.071509	0.000108	0.013255	6.70E-01	0.576622	0.061503	8.84E-05	0.014078	0.652291
5878	488017.81	3860767.91	4.86895	12.97947	6.52315	9.50686	4.41E-01	0.05491	0.00012	0.02202	0.51829	5.57E-01	0.069304	0.000104	0.012854	6.39E-01	0.548972	0.059607	8.47E-05	0.013652	0.622316
5879	487924.06	3860769.81	4.70498	12.90199	6.38176	9.21275	4.26E-01	0.05458	0.00012	0.02134	0.50242	5.38E-01	0.06889	0.000101	0.012457	6.20E-01	0.530485	0.059251	8.28E-05	0.01323	0.603048
5880	487830.31	3860771.72	4.57975	12.98075	6.225	8.85952	4.15E-01	0.05492	0.00012	0.02052	0.49058	5.24E-01	0.069311	9.89E-05	0.011979	6.05E-01	0.516365	0.059612	8.08E-05	0.012723	0.588781
5881	487736.55	3860773.63	4.46218	13.24355	6.0423	8.5214	4.04E-01	0.05603	0.00011	0.01974	0.48025	5.10E-01	0.070714	9.6E-05	0.011522	5.93E-01	0.503109	0.060819	7.84E-05	0.012237	0.576244
5882	487642.8	3860775.54	4.35641	13.70185	5.89218	8.28948	3.95E-01	0.05797	0.00011	0.0192	0.47206	4.98E-01	0.073161	9.36E-05	0.011208	5.83E-01	0.491184	0.062924	7.65E-05	0.011904	0.566088
5883	487549.48	3860684.71	4.37897	13.60947	5.9461	8.32533	3.97E-01	0.05757	0.00011	0.01928	0.4738	5.01E-01	0.072668	9.45E-05	0.011257	5.85E-01	0.493727	0.0625	7.72E-05	0.011956	0.56826
5884	487549.91	3860591.97	4.47638	14.1281	6.05458	8.50314	4.06E-01	0.05977	0.00011	0.01969	0.48524	5.12E-01	0.075437	9.62E-05	0.011497	5.99E-01	0.50471	0.064881	7.86E-05	0.012211	0.581881
5885	487550.34	3860499.23	4.60403	14.74573	6.22051	8.7095	4.17E-01	0.06238	0.00012	0.02017	0.4999	5.27E-01	0.078735	9.89E-05	0.011776	6.17E-01	0.519103	0.067718	8.07E-05	0.012507	0.599409
5886	487550.76	3860406.49	4.75285	15.40626	6.42639	9.00262	4.31E-01	0.06518	0.00012	0.02085	0.51686	5.44E-01	0.082262	0.000102	0.012173	6.38E-01	0.535882	0.070751	8.34E-05	0.012928	0.619645
5887	487551.19	3860313.75	4.88811	16.03043	6.61976	9.28316	4.43E-01	0.06782	0.00012	0.0215	0.53241	5.59E-01	0.085595	0.000105	0.012552	6.57E-01	0.551133	0.073618	8.59E-05	0.013331	0.638167
5888	487551.62	3860221.01	5.03385	16.71022	6.82712	9.65582	4.56E-01	0.07069	0.00013	0.02236	0.54936	5.76E-01	0.089225	0.000109	0.013056	6.78E-01	0.567565	0.07674	8.86E-05	0.013866	0.658259
5889	487552.05	3860128.27	5.2182	17.51648	7.07277	10.0453	4.73E-01	0.0741	0.00013	0.02327	0.57039	5.97E-01	0.09353	0.000112	0.013582	7.04E-01	0.58835	0.080442	9.18E-05	0.014426	0.68331
5890	487552.48	3860035.53	5.41406	18.28756	7.31243	10.41946	4.91E-01	0.07737	0.00014	0.02413	0.59227	6.19E-01	0.097647	0.000116	0.014088	7.31E-01	0.610433	0.083983	9.49E-05	0.014963	0.709474
5891	487552.91	3859942.79	5.61395	18.85966	7.51899	10.75423	5.09E-01	0.07979	0.00014	0.02491	0.61358	6.42E-01	0.100702	0.00012	0.014541	7.57E-01	0.632971	0.086611	9.76E-05	0.015444	0.735123
5892	487553.33	3859850.05	5.89719	19.64167	7.86806	11.15484	5.34E-01	0.08309	0.00015	0.02584	0.64349	6.75E-01	0.104877	0.000125	0.015083	7.95E-01	0.664906	0.090202	0.000102	0.016019	0.771229
5893	487553.76	3859757.31	6.19334	20.25953	8.23877	11.54296	5.61E-01	0.08571	0.00015	0.02674	0.67385	7.08E-01	0.108176	0.000131	0.015607	8.32E-01	0.698297	0.093039	0.000107	0.016576	0.808019
5894	487554.19	3859664.57	6.51624	20.8395	8.69025	11.93322	5.91E-01	0.08816	0.00016	0.02764	0.70648	7.45E-01	0.111273	0.000138	0.016135	8.73E-01	0.734704	0.095703	0.000113	0.017137	0.847656
5895	487460.2	3859571.05	6.46542	22.13876	8.58531	11.96722	5.86E-01	0.09366	0.00016	0.02772	0.70745	7.40E-01	0.11821	0.000136	0.016181	8.74E-01	0.728974	0.101669	0.000111	0.017186	0.84794
5896	487365.78	3859570.27	6.11553	20.29224	8.13732	11.55178	5.54E-01	0.08585	0.00015	0.02676	0.66696	6.99E-01	0.108351	0.000129	0.015619	8.24E-01	0.689524	0.09319	0.000106	0.016589	0.799408
5897	487271.36	3859569.48	5.82691	20.52581	7.85308	11.12238	5.28E-01	0.08683	0.00015	0.02576	0.64079	6.66E-01	0.109598	0.000125	0.015039	7.91E-01	0.656982	0.094262	0.000102	0.015972	0.767319
5898	487176.94	3859568.7	5.64074	21.08524	7.61223	10.58277	5.11E-01	0.0892	0.00014	0.02451	0.62503	6.45E-01	0.112585	0.000121	0.014309	7.72E-01	0.635992	0.096831	9.88E-05	0.015197	0.748119
5899	487082.51	3859567.92	5.46725	19.51248	7.36281	10.16379	4.95E-01	0.08255	0.00014	0.02354	0.60168	6.25E-01	0.104187	0.000117	0.013743	7.43E-01	0.616431	0.089609	9.56E-05	0.014596	0.72073
5900	486988.09	3859567.14	5.29135	19.55858	7.13835	9.87961	4.80E-01	0.08274	0.00013	0.02288	0.58527	6.05E-01	0.104433	0.000113	0.013358	7.23E-01	0.596598	0.08982	9.27E-05	0.014188	0.700698
5901	486893.67	3859566.36	5.13826	19.58909	6.94237	9.53707	4.66E-01	0.08287	0.00013	0.02209	0.57073	5.88E-01	0.104596	0.00011	0.012895	7.05E-01	0.579337	0.08996	9.01E-05	0.013696	0.683083
5902	486799.25	3859565.58	4.99052	19.84417	6.72364	9.25461	4.52E-01	0.08395	0.00013	0.02144	0.55776	5.71E-01	0.105958	0.000107	0.012513	6.89E-01	0.562679	0.091132	8.73E-05	0.01329	0.667189
5903	486704.83	3859564.79	4.83196	20.43694	6.51104	9.05158	4.38E-01	0.08646	0.00012	0.02097	0.54543	5.53E-01	0.109123	0.000103	0.012239	6.74E-01	0.544802	0.093854	8.45E-05	0.012999	0.651739
5904	486610.41	3859564.01	4.70053	19.21204	6.34238	8.80878	4.26E-01	0.08128	0.00012	0.0204	0.52777	5.38E-01	0.102583	0.000101	0.01191	6.52E-01	0.529983	0.088229	8.23E-05	0.01265	0.630944
5905	486515.99	3859563.23	4.55873	18.82088	6.13172	8.59439	4.13E-01	0.07962	0.00011	0.01991	0.51276	5.21E-01	0.100494	9.75E-05	0.011621	6.34E-01	0.513995	0.086432	7.96E-05	0.012342	0.612849
5906	486421.57	3859562.45	4.43074	17.36507	5.96734	8.40732	4.02E-01	0.07346	0.00011	0.01947	0.49457	5.07E-01	0.092721	9.48E-05	0.011368	6.11E-01	0.499564	0.079747	7.75E-05	0.012073	0.591462
5907	486327.14	3859561.67	4.35618	16.94425	5.89213	8.2016	3.95E-01	0.07168	0.00011	0.019	0.48556	4.98E-01	0.090474	9.36E-05	0.011089	6.00E-01	0.491158	0.077814	7.65E-05	0.011778	0.580827
5908	486232.72	3859560.89	4.26287	17.87433	5.76406	8.06462	3.86E-01	0.07562	0.00011	0.01868	0.48071	4.88E-01	0.09544	9.16E-05	0.010904	5.94E-01	0.480637	0.082086	7.48E-05	0.011581	0.574379
5909	486138.3	3859560.1	4.19243	18.41237	5.6648	7.90958	3.80E-01	0.07789	0.00011	0.01832	0.47625	4.80E-01	0.098313	9E-05	0.010695	5.89E-01	0.472695	0.084556	7.35E-05	0.011359	0.568684
5910	486043.88	3859559.32	4.1251	17.71356	5.57514	7.76395	3.74E-01	0.07494	0.0001	0.01798	0.46685	4.72E-01	0.094582	8.86E-05	0.010498	5.77E-01	0.465104	0.081347	7.24E-05	0.011149	0.557673
5911	485949.35	3859463.54	4.13509	17.71016	5.58714	7.77807	3.75E-01	0.07492	0.0001	0.01802	0.46777	4.73E-01	0.094564	8.88E-05	0.010517	5.78E-01	0.46623	0.081332	7.25E-05	0.01117	0.558804
5912	485949.24	3859368.55	4.2168	18.20728	5.69606	7.95604	3.82E-01	0.07703	0.00011	0.01843	0.4777	4.82E-01	0.097218	9.05E-05	0.010757	5.90E-01	0.475443	0.083615	7.39E-05	0.011425	0.570557
5913	485949.12	3859273.55	4.30787	19.11002	5.81506	8.14332	3.90E-01	0.08085	0.00011	0.01886	0.4902	4.93E-01	0.102038	9.24E-05	0.011011	6.06E-01	0.485711	0.08776	7.55E-05	0.011694	0.585241

5914	485949.01	3859178.56	4.41397	19.95096	5.93283	8.33281		4.00E-01	0.0844	0.00011	0.0193	0.50382		5.05E-01	0.106529	9.43E-05	0.011267	6.23E-01		0.497674	0.091622	7.7E-05	0.011966	0.601339							
5915	485948.9	3859083.56	4.53758	21.32705	6.08188	8.53965		4.11E-01	0.09022	0.00011	0.01978	0.52132		5.19E-01	0.113876	9.67E-05	0.011547	6.45E-01		0.511611	0.097942	7.89E-05	0.012263	0.621895							
5916	485948.79	3858988.56	4.65408	22.19073	6.23598	8.74766		4.22E-01	0.09388	0.00012	0.02026	0.53602		5.32E-01	0.118488	9.91E-05	0.011828	6.63E-01		0.524746	0.101908	8.09E-05	0.012562	0.639297							
5917	485948.67	3858893.57	4.77152	22.75129	6.39458	8.97792		4.32E-01	0.09625	0.00012	0.02079	0.54957		5.46E-01	0.121481	0.000102	0.012139	6.79E-01		0.537987	0.104482	8.3E-05	0.012893	0.655445							
5918	485948.56	3858798.57	4.91829	23.7376	6.5918	9.23413		4.46E-01	0.10042	0.00012	0.02139	0.56764		5.63E-01	0.126747	0.000105	0.012486	7.02E-01		0.554536	0.109012	8.56E-05	0.013261	0.676894							
5919	485948.45	3858703.58	5.02956	24.93255	6.73813	9.47168		4.56E-01	0.10548	0.00013	0.02194	0.58333		5.75E-01	0.133128	0.000107	0.012807	7.21E-01		0.567081	0.1145	8.75E-05	0.013602	0.69527							
5920	485948.34	3858608.58	5.18403	27.35938	6.95161	9.74769		4.70E-01	0.11574	0.00013	0.02258	0.60824		5.93E-01	0.146086	0.00011	0.01318	7.52E-01		0.584498	0.125644	9.02E-05	0.013998	0.72423							
5921	485948.22	3858513.59	5.34781	28.94727	7.17443	10.03612		4.85E-01	0.12246	0.00013	0.02325	0.63047		6.12E-01	0.154565	0.000114	0.01357	7.80E-01		0.602964	0.132937	9.31E-05	0.014412	0.750406							
5922	485948.11	3858418.59	5.51482	28.7835	7.3952	10.33181		5.00E-01	0.12177	0.00014	0.02393	0.6456		6.31E-01	0.15369	0.000118	0.01397	7.99E-01		0.621794	0.132185	9.6E-05	0.014837	0.768912							
5923	485948	3858323.59	5.72952	27.85658	7.67326	10.73365		5.19E-01	0.11785	0.00014	0.02486	0.66207		6.55E-01	0.148741	0.000122	0.014513	8.19E-01		0.646001	0.127928	9.96E-05	0.015414	0.789443							
5924	485947.89	3858228.6	5.93396	28.55776	7.95171	11.34182		5.38E-01	0.12081	0.00015	0.02627	0.68498		6.79E-01	0.152485	0.000126	0.015335	8.47E-01		0.669052	0.131148	0.000103	0.016287	0.81659							
5925	485947.77	3858133.6	6.15228	30.07918	8.24707	11.86761		5.58E-01	0.12725	0.00015	0.02749	0.71242		7.04E-01	0.160608	0.000131	0.016046	8.80E-01		0.693667	0.138135	0.000107	0.017043	0.848952							
5926	485947.66	3858038.61	6.47811	32.74883	8.67219	12.43307		5.87E-01	0.13854	0.00016	0.0288	0.75456		7.41E-01	0.174863	0.000138	0.016811	9.33E-01		0.730405	0.150395	0.000113	0.017855	0.898767							
5927	485854.54	3857943.35	6.43297	34.05587	8.63184	12.4776		5.83E-01	0.14407	0.00016	0.0289	0.75611		7.36E-01	0.181842	0.000137	0.016871	9.35E-01		0.725315	0.156397	0.000112	0.017918	0.899743							
5928	485761.52	3857943.09	6.15988	33.37896	8.2734	12.06794		5.58E-01	0.14121	0.00015	0.02795	0.72754		7.05E-01	0.178228	0.000131	0.016317	8.99E-01		0.694524	0.153289	0.000107	0.01733	0.865251							
5929	485668.51	3857942.83	5.95612	32.23927	8.00444	11.71133		5.40E-01	0.13639	0.00015	0.02713	0.70342		6.81E-01	0.172142	0.000127	0.015835	8.69E-01		0.67155	0.148055	0.000104	0.016818	0.836527							
5930	485575.5	3857942.56	5.74378	30.65961	7.71878	11.36086		5.21E-01	0.12971	0.00014	0.02631	0.67668		6.57E-01	0.163708	0.000123	0.015361	8.36E-01		0.647609	0.1408	0.0001	0.016315	0.804825							
5931	485482.48	3857942.3	5.57375	29.74627	7.49819	11.00244		5.05E-01	0.12584	0.00014	0.02548	0.65657		6.38E-01	0.158831	0.000119	0.014876	8.11E-01		0.628438	0.136606	9.73E-05	0.0158	0.780942							
5932	485389.47	3857942.04	5.3956	28.60905	7.25502	10.75629		4.89E-01	0.12103	0.00014	0.02491	0.63504		6.17E-01	0.152759	0.000115	0.014544	7.85E-01		0.608352	0.131383	9.42E-05	0.015447	0.755276							
5933	485296.46	3857941.78	5.20493	27.16223	6.97957	10.53457		4.72E-01	0.11491	0.00013	0.0244	0.61112		5.95E-01	0.145033	0.000111	0.014244	7.55E-01		0.586854	0.124739	9.06E-05	0.015128	0.726812							
5934	485203.45	3857941.52	5.03549	26.5939	6.79348	10.34068		4.56E-01	0.11251	0.00013	0.02395	0.59291		5.76E-01	0.141999	0.000108	0.013982	7.32E-01		0.56775	0.122129	8.82E-05	0.01485	0.704817							
5935	485110.43	3857941.26	4.84384	25.69513	6.60429	10.11296		4.39E-01	0.1087	0.00012	0.02342	0.57121		5.54E-01	0.1372	0.000105	0.013674	7.05E-01		0.546141	0.118002	8.57E-05	0.014523	0.678751							
5936	485017.42	3857940.99	4.70357	24.63837	6.57249	9.8565		4.26E-01	0.10423	0.00012	0.02283	0.55343		5.38E-01	0.131557	0.000104	0.013327	6.83E-01		0.530326	0.113149	8.53E-05	0.014154	0.657714							
5937	484924.41	3857940.73	4.62592	23.86491	6.5351	9.5627		4.19E-01	0.10096	0.00012	0.02215	0.54244		5.29E-01	0.127427	0.000104	0.01293	6.70E-01		0.521571	0.109597	8.48E-05	0.013733	0.644985							
5938	484831.39	3857940.47	4.59239	23.3529	6.47232	9.32064		4.16E-01	0.09879	0.00012	0.02159	0.53668		5.25E-01	0.124693	0.000103	0.012603	6.63E-01		0.51779	0.107245	8.4E-05	0.013385	0.638505							
5939	484738.12	3857859.3	4.74712	22.48271	6.67475	9.39461		4.30E-01	0.09511	0.00012	0.02176	0.54719		5.43E-01	0.120047	0.000106	0.012703	6.76E-01		0.535236	0.103249	8.66E-05	0.013491	0.652063							
5940	484737.85	3857778.4	4.93955	22.50741	6.9485	9.60387		4.48E-01	0.09522	0.00013	0.02224	0.56522		5.65E-01	0.120179	0.00011	0.012985	6.98E-01		0.556933	0.103362	9.02E-05	0.013792	0.674177							
5941	484737.59	3857697.49	5.15374	24.63729	7.12393	9.84697		4.67E-01	0.10423	0.00013	0.02281	0.59421		5.89E-01	0.131551	0.000113	0.013314	7.34E-01		0.581082	0.113144	9.25E-05	0.014141	0.708459							
5942	484737.32	3857616.59	5.32017	25.11049	7.27489	10.2206		4.82E-01	0.10623	0.00014	0.02367	0.61216		6.09E-01	0.134078	0.000116	0.013819	7.57E-01		0.599847	0.115317	9.44E-05	0.014677	0.729936							
5943	484645.53	3857535.18	5.35862	23.11437	7.2818	10.38313		4.86E-01	0.09779	0.00014	0.02405	0.60758		6.13E-01	0.12342	0.000116	0.014039	7.50E-01		0.604183	0.10615	9.45E-05	0.014911	0.725338							
5944	484553.99	3857534.67	5.24941	22.00697	7.12527	10.16932		4.76E-01	0.0931	0.00013	0.02355	0.5925		6.00E-01	0.117507	0.000113	0.01375	7.32E-01		0.591869	0.101064	9.25E-05	0.014604	0.70763							
5945	484462.46	3857534.17	5.15766	21.05084	6.99501	9.98035		4.67E-01	0.08906	0.00013	0.02312	0.5797		5.90E-01	0.112401	0.000111	0.013495	7.16E-01		0.581524	0.096673	9.08E-05	0.014332	0.692621							
5946	484370.93	3857533.66	5.06764	20.09621	6.88848	9.79396		4.59E-01	0.08502	0.00013	0.02268	0.56707		5.80E-01	0.107304	0.000109	0.013242	7.00E-01		0.571375	0.092289	8.94E-05	0.014065	0.677818							
5947	484279.4	3857533.16	4.98735	19.19504	6.80103	9.61839		4.52E-01	0.0812	0.00013	0.02228	0.55557		5.70E-01	0.102492	0.000108	0.013005	6.86E-01		0.562322	0.088151	8.83E-05	0.013813	0.664374							
5948	484187.86	3857532.65	4.90783	18.52717	6.7091	9.44621		4.45E-01	0.07838	0.00013	0.02188	0.54514		5.61E-01	0.098926	0.000107	0.012772	6.73E-01		0.553356	0.085084	8.71E-05	0.013565	0.652092							
5949	484096.33	3857532.15	4.85259	17.71758	6.64008	9.28812		4.40E-01	0.07495	0.00012	0.02151	0.53634		5.55E-01	0.094603	0.000106	0.012559	6.62E-01		0.547128	0.081366	8.62E-05	0.013338	0.641918							
5950	484004.8	3857531.64	4.78998	16.80582	6.55891	9.12773		4.34E-01	0.0711	0.00012	0.02114	0.52644		5.48E-01	0.089735	0.000104	0.012342	6.50E-01		0.540069	0.077179	8.51E-05	0.013108	0.63044							
5951	483913.27	3857531.14	4.71445	16.22114	6.45629	8.9657		4.27E-01	0.06862	0.00012	0.02077	0.51674		5.39E-01	0.086613	0.000103	0.012123	6.38E-01		0.531553	0.074493	8.38E-05	0.012875	0.619005							
5952	483821.73	3857530.63	4.65848	16.31169	6.38008	8.82224		4.22E-01	0.06901	0.00012	0.02043	0.51172		5.33E-01	0.087097	0.000101	0.011929	6.32E-01		0.525242	0.074909	8.28E-05	0.012669	0.612903							
5953	483729.61	3857450.11	4.75395	16.23614	6.50523	8.90984		4.31E-01	0.06869	0.00012	0.02064	0.52026		5.44E-01	0.086693	0.000103	0.012047	6.43E-01		0.536006	0.074562	8.44E-05	0.012795	0.623448							
5954	483729.03	3857370.08	4.92465	16.81391	6.73093	9.13928		4.46E-01	0.07113	0.00013	0.02117	0.53871		5.63E-01	0.089778	0.000107	0.012357	6.66E-01		0.555253	0.077216	8.74E-05	0.013124	0.64568							
5955	483728.44	3857290.06	5.06325	17.65349	6.94813	9.36116		4.59E-01	0.07468	0.00013	0.02168	0.55534		5.79E-01	0.094261	0.00011	0.012657	6.86E-01		0.57088	0.081071	9.02E-05	0.013443	0.665484							
5956	483727.86	3857210.03	5.1967	18.18148	7.1163	9.58623		4.71E-01	0.07692	0.00013	0.0222	0.57019		5.94E-01	0.09708	0.000113	0.012962	7.05E-01		0.585926	0.083496	9.24E-05	0.013766	0.683281							
5957	483641.15	3857129.07	5.27448	18.24388	7.19641	9.70275		4.78E-01	0.07718	0.00013	0.02247	0.57777		6.03E-01	0.097414	0.000114	0.013119	7.14E-01		0.594696	0.083783	9.34E-05	0.013934	0.692506							
5958	483555.03	3857128.14	5.19935	17.96718	7.09027	9.53873		4.71E-01	0.07601	0.00013	0.02209	0.56941		5.95E-01	0.095936	0.000113	0.012897	7.04E-01		0.586225	0.082512	9.2E-05	0.013698	0.682527							
5959	483468.91	3857127.2	5.08941	17.7713	6.93871	9.37277		4.61E-01	0.07518	0.00013	0.02171	0.55823		5.82E-01	0.09489	0.00011	0.012673	6.90E-01		0.573829	0.081612	9.01E-05	0.01346	0.668992							
5960	483382.78	3857126.26	5.04111	17.8419	6.86873	9.22524		4.57E-01	0.07548	0.00013	0.02137	0.55381		5.77E-01	0.095267	0.000109	0.012474	6.84E-01		0.568383	0.081937	8.92E-05	0.013248	0.663657							
5961	483296.66	3857125.32	4.96805	16.96999	6.76673	9.09		4.50E-01	0.07179	0.00013	0.02105	0.54319		5.68E-01	0.090612	0.000108	0.012291	6.71E-01		0.560146	0.077932	8.78E-05	0.013054	0.65122							
5962	483210.54	3857124.39	4.88469	16.85148	6.65272	8.95747		4.43E-01	0.07129	0.00012	0.02075	0.53482		5.59E-01	0.089979	0.000106	0.012111	6.61E-01		0.550747	0.077388	8.64E-05	0.012863	0.641085							
5963	483123.4	3857030.96	4.95452	17.11014	6.71965	9.08607		4.49E-01	0.07238	0.00013	0.02105	0.54254		5.67E-01	0.09136	0.000107	0.012285	6.70E-01		0.55862	0.078576	8.72E-05	0.013048	0.650332							
5964	483122.38	3856938.46	5.12855	17.70832	6.93058	9.36076		4.65E-01	0.07492	0.00013	0.02168	0.56149		5.87E-01	0.094554	0.00011	0.012657	6.94E-01		0.578242	0.081323	9E-05	0.013443	0.673098							
5965	483121.35	3856845.97	5.30293	18.63946	7.17103	9.62412		4.81E-01	0.07885	0.00013	0.02229	0.58184		6.07E-01	0.099526	0.000114	0.013013	7.19E-01		0.597904	0.085599	9.31E-05	0.013821	0.697417							
5966	483120.33	3856753.47	5.42779	19.74856	7.43153	9.89748		4.92E-01	0.08355	0.00014	0.02292	0.59849		6.21E-01	0.105448	0.000118	0.013382	7.40E-01		0.611981	0.090693	9.65E-05	0.014213	0.716984							
5967	483119.31	3856660.98	5.59242	20.24191	7.6444	10.18417		5.07E-01	0.08563	0.00014	0.02359	0.61616		6.40E-01	0.108082	0.000121	0.01377	7.62E-01		0.630543	0.092958	9.92E-05	0.014625	0.738226							
5968	483118.29	3856568.49	5.77604	20.72893	7.87066	10.47354		5.23E-01	0.08769	0.00015	0.02426	0.63554		6.61E-01	0.110683	0.000125	0.014161	7.86E-01		0.651247	0.095195	0.000102	0.015041	0.761584							
5969	483117.26	3856475.99	5.96882	21.86637	8.23408	10.80555		5.41E-01	0.09251	0.00015	0.02503	0.65859		6.83E-01	0.116756	0.000131	0.01461	8.14E-01		0.672982	0.100418	0.000107	0.015517	0.789025							
5970	483116.24	3856383.5	6.20584	23.56806	8.5911	11.18356		5.62E-01	0.0997	0.00016	0.0259	0.68816		7.10E-01	0.125842	0.000137	0.015121	8.51E-01		0.699706	0.108233	0.000112	0.01606	0.824111							
5971	483115.22	3856291.01	6.47841	25.77659	8.93596	11.56245		5.87E-01	0.10905	0.00017	0.02678	0.72308		7.41E-01	0.137635	0.000142	0.015634	8.94E-01		0.730439	0.118376	0.000116	0.016604	0.865534							
5972	483114.2	3856198.51	6.72593	26.8923	9.19537	11.926		6.10E-01	0.11377	0.00017	0.02762	0.75108		7.69E-01	0.143592	0.000146	0.016125	9.29E-01		0.758346	0.123499	0.000119	0.017126	0.899091							
5973	483113.17	3856106.02	7.0192	26.23612	9.55056	12.30351		6.36E-01	0.11099	0.00018	0.0285	0.77576		8.03E-01	0.140088	0.000152	0.016636	9.60E-01		0.791412	0.120486	0.000124	0.017668	0.929691							
5974	483112.15	3856013.52	7.25294	26.18463	9.8837	12.74798		6.57E-01	0.11077	0.00019	0.02953	0.79776		8.30E-01	0.139813	0.000157	0.017237	9.87E-01		0.817767	0.12025	0.000128	0.018307	0.956451							

5975	483029.25	3855920.47	7.37579	26.36572	10.14168	12.90458		6.68E-01	0.11154	0.00019	0.02989	0.81003		8.44E-01	0.14078	0.000161	0.017448	1.00E+00		0.831618	0.121081	0.000132	0.018532	0.971362
5976	482947.37	3855919.91	7.22084	25.8667	9.89864	12.61406		6.54E-01	0.10943	0.00019	0.02922	0.7932		8.26E-01	0.138116	0.000157	0.017056	9.81E-01		0.814147	0.118789	0.000128	0.018114	0.95118
5977	482865.49	3855919.36	7.05705	25.56123	9.64844	12.33783		6.40E-01	0.10814	0.00018	0.02858	0.77642		8.07E-01	0.136485	0.000153	0.016682	9.60E-01		0.79568	0.117387	0.000125	0.017718	0.93091
5978	482783.61	3855918.8	6.93639	25.83339	9.45613	12.06334		6.29E-01	0.10929	0.00018	0.02794	0.766		7.93E-01	0.137938	0.00015	0.016311	9.48E-01		0.782076	0.118637	0.000123	0.017324	0.918158
5979	482700.33	3855818.39	7.02016	28.06083	9.67612	12.09103		6.36E-01	0.11871	0.00018	0.02801	0.78308		8.03E-01	0.149831	0.000154	0.016348	9.69E-01		0.791521	0.128866	0.000126	0.017363	0.937875
5980	482698.92	3855718.54	7.35096	29.12384	10.13119	12.55708		6.66E-01	0.12321	0.00019	0.02908	0.81864		8.41E-01	0.155507	0.000161	0.016979	1.01E+00		0.828818	0.133747	0.000132	0.018033	0.98073
5981	482697.52	3855618.68	7.65314	29.31121	10.49662	13.06037		6.94E-01	0.124	0.0002	0.03025	0.84799		8.75E-01	0.156508	0.000167	0.017659	1.05E+00		0.862889	0.134608	0.000136	0.018755	1.016389
5982	482696.11	3855518.83	7.9796	29.78074	10.91736	13.63337		7.23E-01	0.12599	0.0002	0.03158	0.8809		9.13E-01	0.159015	0.000174	0.018434	1.09E+00		0.899697	0.136764	0.000142	0.019578	1.056181
5983	482694.71	3855418.98	8.21404	30.50911	11.26779	14.36868		7.44E-01	0.12907	0.00021	0.03328	0.90693		9.40E-01	0.162904	0.000179	0.019428	1.12E+00		0.92613	0.140109	0.000146	0.020634	1.08702
5984	482693.3	3855319.13	8.49245	29.56007	11.67969	15.04227		7.70E-01	0.12505	0.00022	0.03484	0.92972		9.71E-01	0.157837	0.000186	0.020339	1.15E+00		0.957521	0.135751	0.000152	0.021601	1.115025
5985	482691.9	3855219.27	8.83603	31.89066	12.34742	15.53031		8.01E-01	0.13491	0.00023	0.03597	0.97186		1.01E+00	0.170281	0.000196	0.020999	1.20E+00		0.996259	0.146454	0.00016	0.022302	1.165176
5986	482690.49	3855119.42	9.20983	30.57917	12.80238	15.65618		8.35E-01	0.12937	0.00024	0.03626	1.00048		1.05E+00	0.163278	0.000203	0.021169	1.24E+00		1.038405	0.140431	0.000166	0.022483	1.201485
5987	482689.09	3855019.57	9.5047	29.54428	13.19164	15.81173		8.61E-01	0.12499	0.00025	0.03662	1.02319		1.09E+00	0.157752	0.00021	0.021379	1.27E+00		1.071652	0.135678	0.000171	0.022706	1.230208
5988	482687.68	3854919.71	9.56617	30.62077	13.485	16.10434		8.67E-01	0.12954	0.00025	0.0373	1.034		1.09E+00	0.1635	0.000214	0.021775	1.28E+00		1.078582	0.140622	0.000175	0.023127	1.242506
5989	482686.28	3854819.86	9.68375	30.21417	13.84776	16.14407		8.78E-01	0.12782	0.00026	0.03739	1.04304		1.11E+00	0.161329	0.00022	0.021829	1.29E+00		1.091839	0.138755	0.00018	0.023184	1.253958
5990	482684.88	3854720.01	9.50925	28.01422	13.57205	16.20288		8.62E-01	0.11851	0.00025	0.03753	1.01805		1.09E+00	0.149583	0.000216	0.021908	1.26E+00		1.072165	0.128652	0.000176	0.023268	1.224261
5991	482683.47	3854620.16	9.26315	28.10026	12.6012	15.39447		8.39E-01	0.11888	0.00024	0.03566	0.99422		1.06E+00	0.150042	0.0002	0.020815	1.23E+00		1.044417	0.129047	0.000164	0.022107	1.195735
5992	482682.07	3854520.31	11.03362	27.24774	12.11382	14.12857		1.00E+00	0.11527	0.00023	0.03272	1.14811		1.26E+00	0.14549	0.000193	0.019103	1.43E+00		1.244037	0.125132	0.000157	0.020289	1.389615
5993	482680.66	3854420.45	12.78735	28.74006	12.37078	15.50282		1.16E+00	0.12159	0.00023	0.03591	1.31654		1.46E+00	0.153458	0.000197	0.020961	1.64E+00		1.441769	0.131985	0.000161	0.022263	1.596178
5994	482679.26	3854320.6	14.87625	27.86114	13.12495	17.45749		1.35E+00	0.11787	0.00025	0.04043	1.50666		1.70E+00	0.148765	0.000209	0.023604	1.87E+00		1.677292	0.127949	0.00017	0.02507	1.830481
5995	482677.85	3854220.75	17.08489	29.81563	14.66963	18.28646		1.55E+00	0.12614	0.00027	0.04235	1.71703		1.95E+00	0.159201	0.000233	0.024725	2.14E+00		1.926316	0.136924	0.00019	0.02626	2.089691
5996	482676.45	3854120.9	18.04697	26.85096	15.93503	17.85176		1.64E+00	0.11359	0.0003	0.04135	1.79069		2.06E+00	0.143371	0.000253	0.024138	2.23E+00		2.03479	0.12331	0.000207	0.025636	2.183942
5997	482675.04	3854021.04	18.72433	27.34433	16.58526	17.70216		1.70E+00	0.11568	0.00031	0.041	1.85383		2.14E+00	0.146006	0.000264	0.023935	2.31E+00		2.111162	0.125575	0.000215	0.025421	2.262374
5998	482673.64	3853921.19	18.00926	27.28459	17.39152	18.55095		1.63E+00	0.11543	0.00033	0.04297	1.79076		2.06E+00	0.145687	0.000276	0.025083	2.23E+00		2.030538	0.125301	0.000226	0.02664	2.182705
5999	482672.23	3853821.34	17.89304	24.84983	18.2339	19.34476		1.62E+00	0.10513	0.00034	0.04481	1.77178		2.05E+00	0.132686	0.00029	0.026156	2.21E+00		2.017434	0.11412	0.000237	0.02778	2.159571
6000	482670.83	3853721.48	17.75603	23.40656	18.62936	20.29794		1.61E+00	0.09902	0.00035	0.04701	1.75547		2.03E+00	0.12498	0.000296	0.027445	2.18E+00		2.001986	0.107492	0.000242	0.029149	2.138869
6001	482669.42	3853621.63	17.73002	22.12375	18.51609	20.48348		1.61E+00	0.09359	0.00035	0.04744	1.74812		2.03E+00	0.11813	0.000294	0.027696	2.17E+00		1.999054	0.1016	0.00024	0.029415	2.13031
6002	482645.99	3853446.13	17.24679	23.64617	17.08454	19.35675		1.56E+00	0.10004	0.00032	0.04483	1.70813		1.97E+00	0.126259	0.000272	0.026172	2.13E+00		1.94457	0.108592	0.000222	0.027797	2.081181
6003	482623.97	3853370.48	15.548	23.97635	17.66849	20.25665		1.41E+00	0.10143	0.00033	0.04692	1.55767		1.78E+00	0.128022	0.000281	0.027389	1.93E+00		1.753032	0.110108	0.000229	0.02909	1.892459
6004	482601.94	3853294.84	14.47922	23.4715	18.02249	21.20211		1.31E+00	0.0993	0.00034	0.04911	1.46088		1.66E+00	0.125327	0.000286	0.028668	1.81E+00		1.632527	0.10779	0.000234	0.030447	1.770998
6005	482531.29	3853133.44	13.76188	22.4741	17.82824	22.13558		1.25E+00	0.09508	0.00033	0.05127	1.39381		1.57E+00	0.120001	0.000283	0.02993	1.72E+00		1.551647	0.103209	0.000231	0.031788	1.686876
6006	482482.68	3853047.69	13.56929	22.32701	17.70196	22.27012		1.23E+00	0.09445	0.00033	0.05158	1.37605		1.55E+00	0.119216	0.000281	0.030112	1.70E+00		1.529933	0.102534	0.00023	0.031981	1.664678
6007	482383.09	3852897.4	13.16968	21.40784	17.13254	22.40671		1.19E+00	0.09057	0.00032	0.0519	1.33625		1.51E+00	0.114308	0.000272	0.030296	1.65E+00		1.484877	0.098313	0.000222	0.032177	1.615589
6008	482265.64	3852765.26	12.84223	20.54644	16.59132	22.12976		1.16E+00	0.08692	0.00031	0.05126	1.30228		1.47E+00	0.109708	0.000264	0.029922	1.61E+00		1.447957	0.094357	0.000215	0.031779	1.574309
6009	482199.16	3852697.66	12.7015	20.13681	16.34134	21.9256		1.15E+00	0.08519	0.00031	0.05078	1.28732		1.45E+00	0.107521	0.00026	0.029646	1.59E+00		1.43209	0.092476	0.000212	0.031486	1.556264
6010	482132.69	3852630.07	12.57686	19.74622	16.09439	21.72352		1.14E+00	0.08354	0.0003	0.05032	1.2739		1.44E+00	0.105435	0.000256	0.029373	1.57E+00		1.418037	0.090682	0.000209	0.031196	1.540124
6011	482066.21	3852562.48	12.45094	19.34369	15.84453	21.5089		1.13E+00	0.08183	0.0003	0.04982	1.26028		1.42E+00	0.103286	0.000252	0.029082	1.56E+00		1.403839	0.088833	0.000206	0.030888	1.523766
6012	481999.74	3852494.89	12.31251	18.92474	15.5938	21.27933		1.12E+00	0.08006	0.00029	0.04929	1.24543		1.41E+00	0.101049	0.000248	0.028772	1.54E+00		1.388231	0.086909	0.000202	0.030558	1.505901
6013	481933.26	3852427.29	12.1768	18.51312	15.35147	21.04974		1.10E+00	0.07832	0.00029	0.04876	1.23085		1.39E+00	0.098851	0.000244	0.028462	1.52E+00		1.37293	0.085019	0.000199	0.030229	1.488377
6014	481866.79	3852359.7	12.0676	18.16512	15.15187	20.8599		1.09E+00	0.07685	0.00028	0.04832	1.21904		1.38E+00	0.096993	0.000241	0.028205	1.51E+00		1.360618	0.083421	0.000197	0.029956	1.474191
6015	481800.31	3852292.11	11.96729	17.83034	14.96442	20.67421		1.08E+00	0.07543	0.00028	0.04789	1.2081		1.37E+00	0.095205	0.000238	0.027954	1.49E+00		1.349308	0.081884	0.000194	0.029689	1.461075
6016	481733.84	3852224.52	11.85807	17.4929	14.77534	20.47588		1.07E+00	0.074	0.00028	0.04743	1.19631		1.36E+00	0.093404	0.000235	0.027686	1.48E+00		1.336993	0.080334	0.000192	0.029404	1.446923
6017	481667.36	3852156.92	11.77448	17.22207	14.60318	20.27746		1.07E+00	0.07286	0.00027	0.04697	1.18713		1.35E+00	0.091958	0.000232	0.027417	1.47E+00		1.327569	0.07909	0.00019	0.029119	1.435968
6018	481600.89	3852089.33	11.63409	16.93597	14.39525	20.0606		1.05E+00	0.07165	0.00027	0.04646	1.17269		1.33E+00	0.09043	0.000229	0.027124	1.45E+00		1.31174	0.077776	0.000187	0.028808	1.418511
6019	481534.41	3852021.74	11.48443	16.65654	14.18354	19.83703		1.04E+00	0.07047	0.00027	0.04595	1.15742		1.31E+00	0.088938	0.000225	0.026822	1.43E+00		1.294866	0.076493	0.000184	0.028487	1.40003
6020	481467.94	3851954.15	11.35137	16.39768	13.98588	19.61843		1.03E+00	0.06937	0.00026	0.04544	1.14376		1.30E+00	0.087556	0.000222	0.026526	1.41E+00		1.279863	0.075304	0.000182	0.028173	1.383522
6021	481401.46	3851886.55	11.23925	16.16399	13.80491	19.41371		1.02E+00	0.06838	0.00026	0.04497	1.13213		1.29E+00	0.086308	0.000219	0.026249	1.40E+00		1.267222	0.074231	0.000179	0.027879	1.369511
6022	481265.87	3851761.43	11.108	15.84029	13.54465	19.19926		1.01E+00	0.06701	0.00025	0.04447	1.11837		1.27E+00	0.08458	0.000215	0.025959	1.38E+00		1.252423	0.072744	0.000176	0.027571	1.352915
6023	481196.74	3851703.89	11.10971	15.73063	13.46351	19.17731		1.01E+00	0.06655	0.00025	0.04442	1.118		1.27E+00	0.083994	0.000214	0.02593	1.38E+00		1.252616	0.072241	0.000175	0.02754	1.352571
6024	481076.33	3851619.04	11.23651	15.67151	13.47832	19.22981		1.02E+00	0.0663	0.00025	0.04454	1.12937		1.29E+00	0.083678	0.000214	0.026001	1.40E+00		1.266913	0.071969	0.000175	0.027615	1.366672
6025	480939.8	3851549.07	11.4087	15.93754	13.59891	18.90226		1.03E+00	0.06742	0.00025	0.04378	1.14534		1.30E+00	0.085099	0.000216	0.025558	1.42E+00		1.286327	0.073191	0.000177	0.027145	1.386839
6026	480854.56	3851506.41	11.46122	15.91122	13.51645	18.34335		1.04E+00	0.06731	0.00025	0.04249	1.14869		1.31E+00	0.084958	0.000215	0.024802	1.42E+00		1.292249	0.07307	0.000175	0.026342	1.391836
6027	480769.32	3851463.75	11.50562	15.73494	13.3419	17.93604		1.04E+00	0.06657	0.00025	0.04154	1.15102		1.32E+00	0.084017	0.000212	0.024251	1.42E+00		1.297255	0.072261	0.000173	0.025757	1.395446
6028	480684.08	3851421.08	11.47895	15.47901	13.01923	17.44916		1.04E+00	0.06548	0.00024	0.04042	1.14639		1.31E+00	0.082651	0.000207	0.023593	1.42E+00		1.294248	0.071085	0.000169	0.025058	1.39056
6029	480598.84	3851378.42	11.38738	15.22043	12.6345	17.04032		1.03E+00	0.06439	0.00024	0.03947	1.13604		1.30E+00	0.08127	0.000201	0.02304	1.41E+00		1.283923	0.069898	0.000164	0.024471	1.378456
6030	480435.71	3851275.01	11.07712	14.71786	12.14262	16.15975		1.00E+00	0.06226	0.00023	0.03743	1.10375		1.27E+00	0.078586	0.000193	0.02185	1.37E+00		1.248941	0.06759	0.000158	0.023206	1.339895
6031	480347.85	3851232.36	10.82343	14.35707	11.77462	15.622		9.81E-01	0.06074	0.00022	0.03618	1.07798		1.24E+00	0.07666	0.000187	0.021123	1.34E+00		1.220338	0.065933	0.000153	0.022434	1.308858
6032	480260	3851189.72	10.61847	13.94372	11.34153	15.02052		9.62E-01	0.05899	0.00021	0.03479	1.05626		1.21E+00	0.074453	0.00018	0.020309	1.31E+00		1.197229	0.064035	0.000147	0.02157	1.282981
6033	480172.15	3851147.07	10.46353	13.59923	10.84983	14.33117		9.48E-01	0.05753	0.0002	0.03319	1.03916		1.20E+00	0.072613	0.000172	0.019377	1.29E+00		1.179759	0.062453	0.000141	0.02058	1.262933
6034	480084.29	3851104.42	10.28219	13.31772	10.35565	13.68473		9.32E-01	0.05634	0.00019	0.0317	1.02002		1.18E+00	0.07111	0.000165	0.018503	1.27E+00		1.159313	0.06116	0.000134	0.019652	1.24026
6035	479996.44	3851061.77	10.07347	12.97455	9.99639	12.97856		9.13E-01	0.05489	0.00019	0.03006	0.99802		1.15E+00	0.069278	0.000159	0.017548	1.24E+00		1.13578	0.059584	0.00013	0.018638	1.214132

6036	479908.58	3851019.13	9.96456	12.64669	9.80111	12.25459		9.03E-01	0.0535	0.00018	0.02838	0.98508		1.14E+00	0.067527	0.000156	0.01657	1.22E+00		1.123501	0.058078	0.000127	0.017598	1.199304
6037	479820.73	3850976.48	9.61864	12.21071	9.45357	11.66787		8.72E-01	0.05166	0.00018	0.02702	0.95052		1.10E+00	0.065199	0.00015	0.015776	1.18E+00		1.084498	0.056076	0.000123	0.016756	1.157453
6038	479732.88	3850933.83	9.28218	11.73172	9.06847	11.06951		8.41E-01	0.04963	0.00017	0.02564	0.91661		1.06E+00	0.062642	0.000144	0.014967	1.14E+00		1.046563	0.053876	0.000118	0.015896	1.116453
6039	479645.02	3850891.18	9.00629	11.21567	8.62688	10.78692		8.16E-01	0.04745	0.00016	0.02498	0.88876		1.03E+00	0.059886	0.000137	0.014585	1.10E+00		1.015456	0.051507	0.000112	0.015491	1.082565
6040	479557.17	3850848.54	8.6814	10.78622	8.29325	10.6633		7.87E-01	0.04563	0.00016	0.0247	0.85721		9.93E-01	0.057593	0.000132	0.014418	1.07E+00		0.978825	0.049534	0.000108	0.015313	1.04378
6041	479469.32	3850805.89	8.41794	10.33886	8.30648	10.68316		7.63E-01	0.04374	0.00016	0.02474	0.83149		9.63E-01	0.055205	0.000132	0.014445	1.03E+00		0.94912	0.04748	0.000108	0.015342	1.012049
6042	479381.46	3850763.24	8.00754	9.86445	8.2482	10.84637		7.26E-01	0.04173	0.00015	0.02512	0.79267		9.16E-01	0.052671	0.000131	0.014665	9.83E-01		0.902847	0.045301	0.000107	0.015576	0.963832
6043	479293.61	3850720.59	7.5363	9.37426	8.10278	10.9597		6.83E-01	0.03966	0.00015	0.02538	0.74815		8.62E-01	0.050054	0.000129	0.014819	9.27E-01		0.849715	0.04305	0.000105	0.015739	0.908609
6044	479205.76	3850677.95	7.35305	9.17151	7.9626	10.95464		6.66E-01	0.0388	0.00015	0.02537	0.73067		8.41E-01	0.048971	0.000127	0.014812	9.05E-01		0.829054	0.042119	0.000103	0.015731	0.887008
6045	479117.9	3850635.3	7.25805	9.18315	7.79763	10.86276		6.58E-01	0.03885	0.00015	0.02516	0.7219		8.30E-01	0.049034	0.000124	0.014688	8.94E-01		0.818343	0.042172	0.000101	0.015599	0.876216
6046	479030.05	3850592.65	7.22651	9.16939	7.69296	10.67311		6.55E-01	0.03879	0.00014	0.02472	0.71854		8.27E-01	0.04896	0.000122	0.014431	8.90E-01		0.814787	0.042109	9.99E-05	0.015327	0.872323
6047	478942.19	3850550	7.27249	9.15327	7.67955	10.42289		6.59E-01	0.03872	0.00014	0.02414	0.72206		8.32E-01	0.048874	0.000122	0.014093	8.95E-01		0.819971	0.042035	9.97E-05	0.014968	0.877073
6048	478854.34	3850507.36	7.48754	9.11021	7.99951	10.0376		6.79E-01	0.03854	0.00015	0.02325	0.74048		8.56E-01	0.048644	0.000127	0.013572	9.19E-01		0.844218	0.041837	0.000104	0.014415	0.900573
6049	478766.49	3850464.71	7.57708	9.45384	8.26122	9.81635		6.87E-01	0.03999	0.00015	0.02274	0.74954		8.67E-01	0.050479	0.000131	0.013273	9.31E-01		0.854313	0.043416	0.000107	0.014097	0.911933
6050	478678.63	3850422.06	7.63135	9.59661	8.4755	9.5916		6.92E-01	0.0406	0.00016	0.02222	0.75454		8.73E-01	0.051241	0.000135	0.012969	9.37E-01		0.860432	0.044071	0.00011	0.013774	0.918387
6051	478590.78	3850379.41	7.82739	9.70859	8.71593	9.49104		7.09E-01	0.04107	0.00016	0.02198	0.77255		8.95E-01	0.051839	0.000139	0.012833	9.60E-01		0.882536	0.044585	0.000113	0.01363	0.940864
6052	478502.93	3850336.77	7.9621	9.78449	8.84358	9.49607		7.22E-01	0.04139	0.00017	0.02199	0.7851		9.11E-01	0.052244	0.000141	0.01284	9.76E-01		0.897724	0.044934	0.000115	0.013637	0.95641
6053	478415.07	3850294.12	8.04132	9.82503	8.89648	9.71207		7.29E-01	0.04156	0.00017	0.02249	0.79295		9.20E-01	0.052461	0.000141	0.013132	9.85E-01		0.906656	0.04512	0.000115	0.013947	0.965839
6054	478327.22	3850251.47	8.21973	10.51447	9.141	9.93176		7.45E-01	0.04448	0.00017	0.023	0.81255		9.40E-01	0.056142	0.000145	0.013429	1.01E+00		0.926772	0.048286	0.000119	0.014263	0.989439
6055	478239.36	3850208.82	8.33704	10.60192	9.35999	10.11164		7.56E-01	0.04485	0.00018	0.02342	0.82397		9.54E-01	0.056609	0.000149	0.013672	1.02E+00		0.939998	0.048688	0.000121	0.014521	1.003329
6056	478151.51	3850166.18	8.39826	10.61582	9.47782	10.24784		7.61E-01	0.04491	0.00018	0.02374	0.82989		9.61E-01	0.056683	0.000151	0.013856	1.03E+00		0.946901	0.048752	0.000123	0.014716	1.010492
6057	478063.66	3850123.53	8.40939	10.57374	9.52912	10.32468		7.62E-01	0.04473	0.00018	0.02391	0.8309		9.62E-01	0.056459	0.000151	0.01396	1.03E+00		0.948156	0.048559	0.000124	0.014827	1.011665
6058	477975.8	3850080.88	7.8538	9.51501	8.73166	10.70649		7.12E-01	0.04025	0.00016	0.0248	0.77694		8.98E-01	0.050806	0.000139	0.014476	9.64E-01		0.885513	0.043696	0.000113	0.015375	0.944698
6059	477887.95	3850038.23	7.6586	9.31859	8.46851	10.72388		6.94E-01	0.03942	0.00016	0.02484	0.75846		8.76E-01	0.049757	0.000135	0.0145	9.40E-01		0.863505	0.042794	0.00011	0.0154	0.921809
6060	477800.1	3849995.59	7.40793	9.1382	8.09145	10.69195		6.71E-01	0.03866	0.00015	0.02476	0.7349		8.47E-01	0.048794	0.000129	0.014457	9.11E-01		0.835242	0.041966	0.000105	0.015354	0.892667
6061	477712.24	3849952.94	7.32324	8.99055	7.95691	10.52634		6.64E-01	0.03803	0.00015	0.02438	0.72621		8.38E-01	0.048005	0.000126	0.014233	9.00E-01		0.825693	0.041288	0.000103	0.015116	0.8822
6062	477624.39	3849910.29	7.25549	8.86383	7.80319	10.30094		6.58E-01	0.0375	0.00015	0.02386	0.71901		8.30E-01	0.047329	0.000124	0.013928	8.91E-01		0.818054	0.040706	0.000101	0.014793	0.873654
6063	477536.54	3849867.64	7.13416	8.72294	7.60266	10.03639		6.47E-01	0.0369	0.00014	0.02325	0.7068		8.16E-01	0.046576	0.000121	0.01357	8.76E-01		0.804374	0.040059	9.87E-05	0.014413	0.858945
6064	477448.68	3849825	7.07822	8.61318	7.47529	9.76519		6.41E-01	0.03644	0.00014	0.02262	0.70064		8.10E-01	0.04599	0.000119	0.013204	8.69E-01		0.798067	0.039555	9.7E-05	0.014023	0.851742
6065	477360.83	3849782.35	6.9977	8.479	7.32285	9.54295		6.34E-01	0.03587	0.00014	0.0221	0.69226		8.00E-01	0.045274	0.000116	0.012903	8.59E-01		0.788988	0.038939	9.51E-05	0.013704	0.841726
6066	477272.97	3849739.7	6.91078	8.33026	7.15525	9.38725		6.26E-01	0.03524	0.00013	0.02174	0.68339		7.90E-01	0.04448	0.000114	0.012693	8.48E-01		0.779188	0.038256	9.29E-05	0.013481	0.831017
6067	477185.12	3849697.05	6.7692	8.15064	6.98537	9.22399		6.13E-01	0.03448	0.00013	0.02136	0.66942		7.74E-01	0.043521	0.000111	0.012472	8.30E-01		0.763225	0.037431	9.07E-05	0.013246	0.813993
6068	477097.27	3849654.41	6.69766	8.03787	6.93122	9.01247		6.07E-01	0.034	0.00013	0.02087	0.66196		7.66E-01	0.042918	0.00011	0.012186	8.21E-01		0.755159	0.036913	9E-05	0.012942	0.805104
6069	477009.41	3849611.76	6.7638	8.02157	7.06088	8.68565		6.13E-01	0.03394	0.00013	0.02012	0.66713		7.74E-01	0.042831	0.000112	0.011744	8.28E-01		0.762616	0.036838	9.17E-05	0.012473	0.812019
6070	476841.49	3849530.08	6.62265	7.85238	7.06899	8.26706		6.00E-01	0.03322	0.00013	0.01915	0.65266		7.57E-01	0.041928	0.000112	0.011178	8.11E-01		0.746702	0.036061	9.18E-05	0.011872	0.794726
6071	476761.41	3849491.05	6.51144	7.78838	6.98737	8.12787		5.90E-01	0.03295	0.00013	0.01883	0.64199		7.45E-01	0.041586	0.000111	0.01099	7.97E-01		0.734163	0.035767	9.07E-05	0.011672	0.781693
6072	476681.34	3849452.02	6.5595	8.2185	7.09268	8.03286		5.94E-01	0.03477	0.00013	0.01861	0.64794		7.50E-01	0.043883	0.000113	0.010861	8.05E-01		0.739581	0.037742	9.21E-05	0.011536	0.788951
6073	476601.26	3849412.99	6.6482	8.28663	7.29666	7.99529		6.02E-01	0.03506	0.00014	0.01852	0.65619		7.60E-01	0.044247	0.000116	0.010811	8.16E-01		0.749582	0.038055	9.47E-05	0.011482	0.799214
6074	476456.32	3849353.67	6.92823	8.62299	7.79228	7.8774		6.28E-01	0.03648	0.00015	0.01825	0.68272		7.92E-01	0.046043	0.000124	0.010651	8.49E-01		0.781156	0.0396	0.000101	0.011312	0.832169
6075	476305.43	3849318.83	6.81207	8.52563	7.56839	8.17994		6.17E-01	0.03607	0.00014	0.01895	0.67248		7.79E-01	0.045523	0.00012	0.01106	8.36E-01		0.768059	0.039153	9.82E-05	0.011747	0.819056
6076	476129.36	3849289.99	6.75957	8.41495	7.4648	8.10848		6.13E-01	0.0356	0.00014	0.01878	0.66709		7.73E-01	0.044932	0.000119	0.010964	8.29E-01		0.762139	0.038645	9.69E-05	0.011644	0.812525
6077	476039.31	3849275.68	6.61647	8.20224	7.36806	8.31254		6.00E-01	0.0347	0.00014	0.01925	0.65369		7.57E-01	0.043796	0.000117	0.011239	8.12E-01		0.746005	0.037668	9.56E-05	0.011937	0.795705
6078	475949.26	3849261.38	6.67332	8.16095	7.61068	8.19642		6.05E-01	0.03452	0.00014	0.01898	0.6584		7.63E-01	0.043576	0.000121	0.011082	8.18E-01		0.752415	0.037478	9.88E-05	0.01177	0.801762
6079	475859.21	3849247.08	6.53142	7.97535	7.40224	8.0768		5.92E-01	0.03374	0.00014	0.01871	0.64448		7.47E-01	0.042585	0.000118	0.010921	8.01E-01		0.736415	0.036626	9.61E-05	0.011599	0.784736
6080	475769.16	3849232.77	6.39822	7.89082	7.14845	7.74541		5.80E-01	0.03338	0.00013	0.01794	0.63128		7.32E-01	0.042133	0.000114	0.010473	7.85E-01		0.721397	0.036238	9.28E-05	0.011123	0.76885
6081	475585.22	3849219.27	6.21779	7.48148	6.76697	5.03838		5.63E-01	0.03165	0.00013	0.01167	0.60692		7.11E-01	0.039948	0.000108	0.006812	7.58E-01		0.701054	0.034358	8.78E-05	0.007235	0.742735
6082	475444.49	3849150.35	6.26781	7.60436	6.67376	5.72008		5.68E-01	0.03217	0.00012	0.01325	0.61355		7.17E-01	0.040604	0.000106	0.007734	7.65E-01		0.706693	0.034922	8.66E-05	0.008214	0.749916
6083	475334.17	3849118.71	6.07239	7.42325	6.55959	5.7614		5.50E-01	0.0314	0.00012	0.01334	0.59516		6.95E-01	0.039637	0.000104	0.00779	7.42E-01		0.68466	0.03409	8.51E-05	0.008274	0.727109
6084	475230.47	3849060.56	5.97635	7.33474	6.56533	5.70962		5.42E-01	0.03103	0.00012	0.01322	0.58597		6.84E-01	0.039164	0.000104	0.00772	7.31E-01		0.673831	0.033684	8.52E-05	0.008199	0.7158
6085	475110.86	3848960.97	5.92225	7.19684	6.34599	5.54667		5.37E-01	0.03045	0.00012	0.01285	0.5801		6.77E-01	0.038428	0.000101	0.0075	7.23E-01		0.667732	0.033051	8.24E-05	0.007965	0.70883
6086	475037.79	3848896.28	5.90027	7.14708	6.25561	5.34397		5.35E-01	0.03024	0.00012	0.01238	0.57743		6.75E-01	0.038162	9.94E-05	0.007226	7.20E-01		0.665253	0.032822	8.12E-05	0.007674	0.705831
6087	474964.72	3848831.59	5.82801	7.0466	6.17169	5.1987		5.28E-01	0.02981	0.00012	0.01204	0.57011		6.67E-01	0.037625	9.81E-05	0.007029	7.11E-01		0.657106	0.032361	8.01E-05	0.007466	0.697012
6088	474891.65	3848766.9	5.77	6.97641	6.11746	5.25439		5.23E-01	0.02951	0.00011	0.01217	0.56469		6.60E-01	0.037251	9.72E-05	0.007105	7.04E-01		0.650566	0.032038	7.94E-05	0.007546	0.690229
6089	474818.58	3848702.21	5.71776	6.91804	6.06558	5.35279		5.18E-01	0.02927	0.00011	0.0124	0.55993		6.54E-01	0.036939	9.64E-05	0.007238	6.98E-01		0.644675	0.03177	7.87E-05	0.007687	0.684211
6090	474745.51	3848637.53	5.65155	6.88789	5.98403	5.68549		5.12E-01	0.02914	0.00011	0.01317	0.55458		6.46E-01	0.036778	9.51E-05	0.007687	6.91E-01		0.63721	0.031632	7.77E-05	0.008165	0.677084
6091	474672.44	3848572.84	5.59033	6.83045	5.91951	5.85279		5.07E-01	0.0289	0.00011	0.01356	0.54917		6.39E-01	0.036471	9.41E-05	0.007914	6.84E-01		0.630308	0.031368	7.68E-05	0.008405	0.670158
6092	474599.37	3848508.15	5.54765	6.7622	5.8884	5.80821		5.03E-01	0.02861	0.00011	0.01345	0.54491		6.35E-01	0.036107	9.36E-05	0.007853	6.79E-01		0.625496	0.031055	7.64E-05	0.008341	0.664968
6093	474526.3	3848443.46	5.49091	6.6923	5.86183	5.84832		4.98E-01	0.02831	0.00011	0.01355	0.53957		6.28E-01	0.035734	9.32E-05	0.007908	6.72E-01		0.619098	0.030734	7.61E-05	0.008398	0.658306

			NO2				2028 - RD					2033 - RD					2048 - RD				
			8th				Rates	9.06E-02	4.23E-03	1.87E-05	2.32E-03	Ra	1.14E-01	5.34E-03	1.59E-05	1.35E-03	Ra	1.13E-01	4.59E-03	1.30E-05	1.44E-03	
			Concentration [ug/m^3] at 1 g/s					Concentration [ug/m^3]					Concentration [ug/m^3]					Concentration [ug/m^3]				
	X	Y	IMF (SLINE	IMF-Idle (F	IMF-Truck	IMF-Truck-Idle (PAREA5)		IMF	IMF-Idle	IMF-Truck	IMF-Truck	Total	IMF	IMF-Idle	IMF-Trucks	IMF-Truck-	Total	IMF	IMF-Idle	IMF-Trucks	IMF-Truck-	Total
1	485973.61	3854936.51	7.41169	20.89749	8.01151	2.11554		6.72E-01	0.08841	0.00015	0.0049	7.65E-01	8.48E-01	0.111583	0.000127	0.00286	9.62E-01	8.36E-01	0.095969	0.000104	0.003038	0.934777
2	486023.61	3854936.51	7.03152	19.66677	7.50895	1.99173		6.37E-01	0.0832	0.00014	0.00461	0.72517	8.04E-01	0.105011	0.000119	0.002693	9.12E-01	0.792801	0.090317	9.75E-05	0.00286	0.886076
3	486073.61	3854936.51	6.77329	19.07088	7.18754	1.93854		6.14E-01	0.08068	0.00013	0.00449	0.69911	7.75E-01	0.101829	0.000114	0.002621	8.79E-01	0.763686	0.087581	9.33E-05	0.002784	0.854144
4	486123.61	3854936.51	6.27808	17.31914	6.51436	1.83335		5.69E-01	0.07327	0.00012	0.00425	0.64657	7.18E-01	0.092476	0.000104	0.002479	8.13E-01	0.707851	0.079536	8.46E-05	0.002633	0.790105
5	486173.61	3854936.51	6.20467	17.25679	6.49349	1.80816		5.62E-01	0.07301	0.00012	0.00419	0.63959	7.10E-01	0.092143	0.000103	0.002445	8.04E-01	0.699574	0.07925	8.43E-05	0.002597	0.781505
6	486223.61	3854936.51	5.84405	16.37374	6.08138	1.72052		5.30E-01	0.06927	0.00011	0.00399	0.60297	6.68E-01	0.087428	9.67E-05	0.002326	7.58E-01	0.658915	0.075194	7.89E-05	0.002471	0.736659
7	486273.61	3854936.51	5.61321	15.80018	5.83637	1.66048		5.09E-01	0.06684	0.00011	0.00385	0.57948	6.42E-01	0.084365	9.28E-05	0.002245	7.29E-01	0.632888	0.07256	7.58E-05	0.002385	0.707908
8	486323.61	3854936.51	5.4195	15.31612	5.64142	1.60516		4.91E-01	0.06479	0.00011	0.00372	0.55974	6.20E-01	0.081781	8.97E-05	0.00217	7.04E-01	0.611047	0.070337	7.32E-05	0.002305	0.683762
9	485973.61	3854986.51	8.07381	22.34793	8.73428	2.25314		7.32E-01	0.09454	0.00016	0.00522	0.83159	9.23E-01	0.119327	0.000139	0.003046	1.05E+00	0.910319	0.10263	0.000113	0.003236	1.016298
10	486023.61	3854986.51	7.75951	21.24761	8.39672	2.14631		7.03E-01	0.08989	0.00016	0.00497	0.7982	8.88E-01	0.113452	0.000133	0.002902	1.00E+00	0.874882	0.097577	0.000109	0.003082	0.97565
11	486073.61	3854986.51	7.39186	19.91512	7.90011	2.01627		6.70E-01	0.08425	0.00015	0.00467	0.75893	8.45E-01	0.106337	0.000126	0.002726	9.55E-01	0.83343	0.091458	0.000103	0.002895	0.927885
12	486123.61	3854986.51	7.05287	18.88565	7.44783	1.93955		6.39E-01	0.0799	0.00014	0.00449	0.72367	8.07E-01	0.10084	0.000118	0.002622	9.10E-01	0.795209	0.08673	9.67E-05	0.002785	0.884821
13	486173.61	3854986.51	6.85217	18.27623	7.21465	1.89277		6.21E-01	0.07732	0.00014	0.00438	0.70279	7.84E-01	0.097586	0.000115	0.002559	8.84E-01	0.77258	0.083931	9.36E-05	0.002718	0.859323
14	486223.61	3854986.51	6.47154	17.23862	6.82894	1.79464		5.86E-01	0.07293	0.00013	0.00416	0.66368	7.40E-01	0.092046	0.000109	0.002427	8.35E-01	0.729664	0.079166	8.86E-05	0.002577	0.811496
15	486273.61	3854986.51	6.12038	16.55399	6.33806	1.7193		5.55E-01	0.07003	0.00012	0.00398	0.62877	7.00E-01	0.08839	0.000101	0.002325	7.91E-01	0.690071	0.076022	8.23E-05	0.002469	0.768644
16	486323.61	3854986.51	6.1319	16.67732	6.38061	1.68615		5.56E-01	0.07055	0.00012	0.00391	0.63026	7.01E-01	0.089049	0.000101	0.00228	7.93E-01	0.69137	0.076588	8.28E-05	0.002421	0.770462
17	485973.61	3855036.51	8.86723	24.41034	9.65182	2.38706		8.04E-01	0.10327	0.00018	0.00553	0.91254	1.01E+00	0.13034	0.000153	0.003228	1.15E+00	0.999777	0.112101	0.000125	0.003428	1.115432
18	486023.61	3855036.51	8.41175	22.86698	9.2053	2.29152		7.62E-01	0.09674	0.00017	0.00531	0.86451	9.62E-01	0.122099	0.000146	0.003098	1.09E+00	0.948422	0.105014	0.000119	0.003291	1.056846
19	486073.61	3855036.51	7.8451	21.20231	8.54341	2.13778		7.11E-01	0.0897	0.00016	0.00495	0.80575	8.97E-01	0.11321	0.000136	0.002891	1.01E+00	0.884532	0.097369	0.000111	0.00307	0.985082
20	486123.61	3855036.51	7.50053	20.32235	7.95793	2.01514		6.80E-01	0.08597	0.00015	0.00467	0.7705	8.58E-01	0.108512	0.000126	0.002725	9.69E-01	0.845682	0.093328	0.000103	0.002894	0.942007
21	486173.61	3855036.51	7.31915	19.77081	7.80933	1.96413		6.63E-01	0.08364	0.00015	0.00455	0.75161	8.37E-01	0.105567	0.000124	0.002656	9.45E-01	0.825232	0.090795	0.000101	0.002821	0.918949
22	486223.61	3855036.51	6.85669	18.40131	7.26135	1.89465		6.21E-01	0.07785	0.00014	0.00439	0.70374	7.84E-01	0.098254	0.000115	0.002562	8.85E-01	0.773089	0.084506	9.43E-05	0.002721	0.86041
23	486273.61	3855036.51	6.74239	18.14799	7.14293	1.82665		6.11E-01	0.07678	0.00013	0.00423	0.69215	7.71E-01	0.096902	0.000114	0.00247	8.71E-01	0.760202	0.083342	9.27E-05	0.002623	0.84626
24	486323.61	3855036.51	6.4304	17.22091	6.76459	1.75318		5.83E-01	0.07285	0.00013	0.00406	0.65978	7.35E-01	0.091951	0.000108	0.00237	8.30E-01	0.725025	0.079085	8.78E-05	0.002518	0.806716
25	485973.61	3855086.51	9.34118	26.58774	10.49533	2.52008		8.47E-01	0.11248	0.0002	0.00584	0.96503	1.07E+00	0.141966	0.000167	0.003407	1.21E+00	1.053215	0.122101	0.000136	0.003619	1.179071
26	486023.61	3855086.51	9.02778	25.42057	10.11637	2.42308		8.18E-01	0.10754	0.00019	0.00561	0.93146	1.03E+00	0.135734	0.000161	0.003276	1.17E+00	1.017879	0.116741	0.000131	0.00348	1.138231
27	486073.61	3855086.51	8.56298	23.63258	9.39857	2.28491		7.76E-01	0.09998	0.00018	0.00529	0.88144	9.79E-01	0.126187	0.000149	0.003089	1.11E+00	0.965473	0.10853	0.000122	0.003281	1.077406
28	486123.61	3855086.51	8.30865	22.67255	8.8031	2.16872		7.53E-01	0.09592	0.00016	0.00502	0.85405	9.50E-01	0.121061	0.00014	0.002932	1.07E+00	0.936797	0.104121	0.000114	0.003114	1.044147
29	486173.61	3855086.51	7.88286	21.20217	8.17574	2.05318		7.14E-01	0.0897	0.00015	0.00476	0.80897	9.02E-01	0.113209	0.00013	0.002776	1.02E+00	0.88879	0.097368	0.000106	0.002948	0.989213
30	486223.61	3855086.51	7.53712	20.33966	7.84946	1.97781		6.83E-01	0.08605	0.00015	0.00458	0.7738	8.62E-01	0.108604	0.000125	0.002674	9.73E-01	0.849808	0.093407	0.000102	0.00284	0.946157
31	485973.61	3855136.51	10.04879	28.53094	11.31105	2.72488		9.11E-01	0.1207	0.00021	0.00631	1.03787	1.15E+00	0.152342	0.00018	0.003684	1.31E+00	1.132998	0.131025	0.000147	0.003913	1.268082
32	486023.61	3855136.51	9.59461	26.8441	10.80528	2.59963		8.69E-01	0.11356	0.0002	0.00602	0.98927	1.10E+00	0.143335	0.000172	0.003515	1.24E+00	1.081789	0.123278	0.00014	0.003733	1.208941
33	486073.61	3855136.51	9.11568	25.33909	10.26725	2.48164		8.26E-01	0.1072	0.00019	0.00575	0.93922	1.04E+00	0.135299	0.000163	0.003355	1.18E+00	1.02779	0.116367	0.000133	0.003564	1.147853
34	486123.61	3855136.51	8.69835	24.10327	9.69231	2.33468		7.88E-01	0.10197	0.00018	0.00541	0.89582	9.95E-01	0.1287	0.000154	0.003157	1.13E+00	0.980736	0.110691	0.000126	0.003353	1.094906
35	486173.61	3855136.51	8.30044	23.10207	9.08199	2.1928		7.52E-01	0.09773	0.00017	0.00508	0.85519	9.49E-01	0.123354	0.000144	0.002965	1.08E+00	0.935872	0.106093	0.000118	0.003149	1.045232
36	486223.61	3855136.51	7.96128	21.98669	8.61767	2.07182		7.21E-01	0.09301	0.00016	0.0048	0.81944	9.11E-01	0.117398	0.000137	0.002801	1.03E+00	0.897632	0.100971	0.000112	0.002975	1.00169
37	485973.61	3855186.51	10.63821	30.15732	12.2717	2.91502		9.64E-01	0.12758	0.00023	0.00675	1.09862	1.22E+00	0.161026	0.000195	0.003941	1.38E+00	1.199455	0.138494	0.000159	0.004186	1.342294
38	486023.61	3855186.51	10.1761	28.63016	11.70766	2.79195		9.22E-01	0.12112	0.00022	0.00647	1.04999	1.16E+00	0.152871	0.000186	0.003775	1.32E+00	1.147352	0.13148	0.000152	0.004009	1.282993
39	486073.61	3855186.51	9.5711	27.03645	11.05425	2.63218		8.67E-01	0.11438	0.00021	0.0061	0.98803	1.09E+00	0.144362	0.000176	0.003559	1.24E+00	1.079138	0.124161	0.000143	0.00378	1.207223
40	486123.61	3855186.51	9.05809	25.32384	10.38747	2.46297		8.21E-01	0.10713	0.00019	0.0057	0.9339	1.04E+00	0.135217	0.000165	0.00333	1.17E+00	1.021297	0.116296	0.000135	0.003537	1.141265
41	486173.61	3855186.51	8.72551	24.11183	9.83965	2.31541		7.91E-01	0.10201	0.00018	0.00536	0.89828	9.98E-01	0.128746	0.000156	0.003131	1.13E+00	0.983798	0.11073	0.000128	0.003325	1.097982
42	486223.61	3855186.51	8.42633	22.98347	9.3382	2.19244		7.64E-01	0.09723	0.00017	0.00508	0.8661	9.64E-01	0.122721	0.000148	0.002964	1.09E+00	0.950066	0.105549	0.000121	0.003148	1.058884
43	486273.61	3855186.51	8.06362	21.9471	8.78813	2.08859		7.31E-01	0.09285	0.00016	0.00484	0.82859	9.22E-01	0.117187	0.00014	0.002824	1.04E+00	0.90917	0.100789	0.000114	0.002999	1.013073
44	486323.61	3855186.51	7.95433	22.31377	8.83524	2.08354		7.21E-01	0.0944	0.00017	0.00483	0.82023	9.10E-01	0.119145	0.00014	0.002817	1.03E+00	0.896848	0.102473	0.000115	0.002992	1.002428
45	485973.61	3855236.51	11.41382	32.29141	13.44268	3.10802		1.03E+00	0.13661	0.00025	0.0072	1.1784	1.31E+00	0.172421	0.000214	0.004202	1.48E+00	1.286904	0.148294	0.000174	0.004463	1.439836
46	486023.61	3855236.51	10.88642	30.56924	12.70807	2.9289		9.87E-01	0.12932	0.00024	0.00678	1.1229	1.25E+00	0.163225	0.000202	0.00396	1.41E+00	1.22744	0.140385	0.000165	0.004206	1.372196
47	486073.61	3855236.51	10.3201	28.6212	11.96573	2.75674		9.35E-01	0.12108	0.00022	0.00639	1.06292	1.18E+00	0.152824	0.00019	0.003727	1.34E+00	1.163588	0.131439	0.000155	0.003959	1.299141
48	486123.61	3855236.51	9.88131	27.05228	11.3546	2.60737		8.95E-01	0.11444	0.00021	0.00604	1.01616	1.13E+00	0.144446	0.00018	0.003525	1.28E+00	1.114114	0.124234	0.000147	0.003744	1.24224
49	486173.61	3855236.51	9.44817	25.76125	10.7138	2.45292		8.56E-01	0.10898	0.0002	0.00568	0.97108	1.08E+00	0.137553	0.00017	0.003317	1.22E+00	1.065278	0.118305	0.000139	0.003523	1.187245
50	486223.61	3855236.51	8.84619	24.35611	10.09145	2.29183		8.02E-01	0.10304	0.00019	0.00531	0.9102	1.01E+00	0.13005	0.00016	0.003099	1.15E+00	0.997405	0.111852	0.000131	0.003291	1.112679
51	486273.61	3855236.51	8.25952	22.5614	9.27953	2.15051		7.48E-01	0.09545	0.00017	0.00498	0.8491	9.45E-01	0.120467	0.000147	0.002908	1.07E+00	0.931258	0.10361	0.00012	0.003088	1.038077
52	486323.61	3855236.51	8.28865	23.19224	9.60102	2.16323		7.51E-01	0.09812	0.00018	0.00501	0.85444	9.48E-01	0.123835	0.000153	0.002925	1.07E+00	0.934542	0.106507	0.000125	0.003107	1.044281
53	485973.61	3855286.51	12.14695	32.74612	14.42316	3.33939		1.10E+00	0.13853	0.00027	0.00773	1.24732	1.39E+00	0.174849	0.000229	0.004515	1.57E+00	1.369564	0.150382	0.000187	0.004796	1.52493
54	486023.61	3855286.51	11.48593	30.72352	13.53096	3.06613		1.04E+00	0.12998	0.00025	0.0071	1.17821	1.31E+00	0.164049	0.000215	0.004146	1.48E+00	1.295035	0.141094	0.000176	0.004403	1.440707
55	486073.61	3855286.51	10.90049	29.15969	12.79942	2.90951		9.88E-01	0.12336	0.00024	0.00674	1.11816	1.25E+00	0.155699	0.000203	0.003934	1.41E+00	1.229027	0.133912	0.000166	0.004178	1.367283
56	486123.61	3855286.51	10.2792	27.24264	12.04343	2.74959		9.32E-01	0.11525	0.00023	0.00637	1.05337	1.18E+00	0.145463	0.000191	0.003718	1.33E+00	1.158976	0.125108	0.000156	0.003949	1.288189
57	486173.61	3855286.51	9.80865	25.95526	11.34138	2.59584		8.89E-01	0.1098	0.00021	0.00601	1.00491	1.12E+00	0.138589	0.00018	0.00351	1.26E+00	1.105922	0.119196	0.000147	0.003728	1.228993

58	486223.61	3855286.51	9.34151	25.23082	10.801	2.43896	8.47E-01	0.10674	0.0002	0.00565	0.95914	1.07E+00	0.13472	0.000172	0.003298	1.21E+00	1.053252	0.115869	0.00014	0.003502	1.172764
59	486123.61	3855336.51	10.94071	28.4539	12.74702	2.87322	9.91E-01	0.12037	0.00024	0.00665	1.11874	1.25E+00	0.15193	0.000203	0.003885	1.41E+00	1.233561	0.130671	0.000165	0.004126	1.368524
60	486173.61	3855336.51	10.45272	27.23854	12.11723	2.74023	9.47E-01	0.11523	0.00023	0.00635	1.06905	1.20E+00	0.145441	0.000193	0.003705	1.34E+00	1.178541	0.125089	0.000157	0.003935	1.307722
61	486223.61	3855336.51	9.99805	25.94286	11.46269	2.58886	9.06E-01	0.10975	0.00021	0.006	1.02201	1.14E+00	0.138522	0.000182	0.0035	1.29E+00	1.127277	0.119139	0.000149	0.003718	1.250282
62	486123.61	3855386.51	11.43841	30.23872	13.89442	3.02534	1.04E+00	0.12793	0.00026	0.00701	1.17177	1.31E+00	0.16146	0.000221	0.004091	1.47E+00	1.289677	0.138867	0.00018	0.004345	1.433069
63	486173.61	3855386.51	10.99577	28.90054	13.10886	2.89325	9.96E-01	0.12226	0.00025	0.0067	1.12567	1.26E+00	0.154315	0.000208	0.003912	1.42E+00	1.239769	0.132722	0.00017	0.004155	1.376816
64	486223.61	3855386.51	10.59504	27.85233	12.472	2.76459	9.60E-01	0.11783	0.00023	0.0064	1.08461	1.21E+00	0.148718	0.000198	0.003738	1.36E+00	1.194587	0.127908	0.000162	0.00397	1.326627
65	486533.18	3855443.15	8.95037	23.31165	10.2484	2.20677	8.11E-01	0.09862	0.00019	0.00511	0.91502	1.02E+00	0.124473	0.000163	0.002984	1.15E+00	1.009151	0.107056	0.000133	0.003169	1.119509
66	486583.18	3855443.15	8.68066	22.37989	9.82331	2.11147	7.87E-01	0.09468	0.00018	0.00489	0.88641	9.93E-01	0.119498	0.000156	0.002855	1.12E+00	0.978741	0.102777	0.000128	0.003032	1.084678
67	486633.18	3855443.15	8.33814	21.49016	9.41526	2.01088	7.56E-01	0.09091	0.00018	0.00466	0.85137	9.54E-01	0.114747	0.00015	0.002719	1.07E+00	0.940122	0.098691	0.000122	0.002888	1.041823
68	486683.18	3855443.15	8.05974	20.78796	9.15772	1.96618	7.30E-01	0.08794	0.00017	0.00455	0.82306	9.22E-01	0.110998	0.000146	0.002658	1.04E+00	0.908733	0.095466	0.000119	0.002824	1.007141
69	486533.18	3855493.15	9.35282	24.17168	10.73864	2.30084	8.48E-01	0.10226	0.0002	0.00533	0.95536	1.07E+00	0.129065	0.000171	0.003111	1.20E+00	1.054527	0.111005	0.000139	0.003304	1.168976
70	486583.18	3855493.15	8.95192	23.21676	10.37929	2.22035	8.11E-01	0.09822	0.00019	0.00514	0.9148	1.02E+00	0.123966	0.000165	0.003002	1.15E+00	1.009326	0.10662	0.000135	0.003189	1.119269
71	486633.18	3855493.15	8.68616	22.43226	9.98938	2.11035	7.87E-01	0.0949	0.00019	0.00489	0.88713	9.94E-01	0.119778	0.000159	0.002853	1.12E+00	0.979362	0.103017	0.00013	0.003031	1.085539
72	486683.18	3855493.15	8.45241	21.42165	9.59186	2.04118	7.66E-01	0.09062	0.00018	0.00473	0.86151	9.67E-01	0.114381	0.000152	0.00276	1.08E+00	0.953006	0.098376	0.000125	0.002931	1.054438
73	486533.18	3855543.15	9.75889	24.91632	11.73374	2.45939	8.84E-01	0.10541	0.00022	0.0057	0.9957	1.12E+00	0.133041	0.000186	0.003325	1.25E+00	1.100312	0.114425	0.000152	0.003532	1.218421
74	486583.18	3855543.15	9.3248	24.00093	11.01641	2.31181	8.45E-01	0.10154	0.00021	0.00535	0.95213	1.07E+00	0.128153	0.000175	0.003126	1.20E+00	1.051368	0.110221	0.000143	0.00332	1.165052
75	486633.18	3855543.15	9.08524	22.99632	10.48169	2.22694	8.23E-01	0.09729	0.0002	0.00516	0.92596	1.04E+00	0.122789	0.000167	0.003011	1.17E+00	1.024358	0.105608	0.000136	0.003198	1.133299
76	486683.18	3855543.15	8.73811	22.22745	9.90193	2.1095	7.92E-01	0.09403	0.00019	0.00489	0.89097	9.99E-01	0.118684	0.000157	0.002852	1.12E+00	0.985219	0.102077	0.000129	0.003029	1.090454
77	486533.18	3855593.15	10.03649	24.95145	12.44053	2.56241	9.10E-01	0.10556	0.00023	0.00594	1.02125	1.15E+00	0.133229	0.000198	0.003465	1.28E+00	1.131611	0.114586	0.000161	0.00368	1.250038
78	486583.18	3855593.15	9.68837	23.65863	11.82648	2.43194	8.78E-01	0.10009	0.00022	0.00563	0.98392	1.11E+00	0.126326	0.000188	0.003288	1.24E+00	1.09236	0.108649	0.000154	0.003492	1.204656
79	486633.18	3855593.15	9.3639	23.62909	11.27358	2.34686	8.49E-01	0.09996	0.00021	0.00544	0.95419	1.07E+00	0.126168	0.000179	0.003173	1.20E+00	1.055777	0.108514	0.000146	0.00337	1.167807
80	486683.18	3855593.15	9.12481	22.76106	10.88057	2.24598	8.27E-01	0.09629	0.0002	0.0052	0.92861	1.04E+00	0.121533	0.000173	0.003037	1.17E+00	1.028819	0.104527	0.000141	0.003225	1.136713
81	486533.18	3855643.15	10.75015	24.94878	13.18352	2.74974	9.74E-01	0.10555	0.00025	0.00637	1.08636	1.23E+00	0.133215	0.00021	0.003718	1.37E+00	1.212076	0.114574	0.000171	0.003949	1.33077
82	486583.18	3855643.15	10.13671	23.72296	12.5789	2.59707	9.19E-01	0.10036	0.00024	0.00602	1.02522	1.16E+00	0.126669	0.0002	0.003512	1.29E+00	1.142911	0.108945	0.000163	0.00373	1.255748
83	486633.18	3855643.15	9.66217	23.16135	11.83607	2.48516	8.76E-01	0.09798	0.00022	0.00576	0.97957	1.11E+00	0.123671	0.000188	0.00336	1.23E+00	1.089406	0.106366	0.000154	0.003569	1.199494
84	486683.18	3855643.15	9.31408	22.71706	11.34213	2.37818	8.44E-01	0.0961	0.00021	0.00551	0.94589	1.07E+00	0.121298	0.00018	0.003216	1.19E+00	1.050159	0.104325	0.000147	0.003415	1.158047
85	486533.18	3855693.15	11.46704	25.66777	13.86878	2.89283	1.04E+00	0.10859	0.00026	0.0067	1.15471	1.31E+00	0.137054	0.00022	0.003911	1.45E+00	1.292905	0.117876	0.00018	0.004154	1.415115
86	486583.18	3855693.15	10.95274	24.72965	13.12669	2.75578	9.93E-01	0.10462	0.00025	0.00638	1.10381	1.25E+00	0.132044	0.000209	0.003726	1.39E+00	1.234918	0.113568	0.00017	0.003957	1.352613
87	486633.18	3855693.15	10.44317	23.67477	12.36037	2.60582	9.46E-01	0.10016	0.00023	0.00604	1.05281	1.19E+00	0.126412	0.000196	0.003523	1.32E+00	1.177464	0.108723	0.00016	0.003742	1.29009
88	486683.18	3855693.15	9.95817	22.59723	11.96307	2.51965	9.02E-01	0.0956	0.00022	0.00584	1.00409	1.14E+00	0.120658	0.00019	0.003407	1.26E+00	1.12278	0.103775	0.000155	0.003618	1.230329
89	486733.18	3855693.15	9.62476	22.65558	11.79276	2.48095	8.72E-01	0.09584	0.00022	0.00575	0.97403	1.10E+00	0.12097	0.000187	0.003355	1.23E+00	1.085188	0.104043	0.000153	0.003563	1.192947
90	486783.18	3855693.15	9.44307	22.16378	11.69988	2.47518	8.56E-01	0.09376	0.00022	0.00573	0.95547	1.08E+00	0.118344	0.000186	0.003347	1.20E+00	1.064703	0.101784	0.000152	0.003554	1.170194
91	486533.18	3855743.15	12.14265	25.50387	14.48004	3.03671	1.10E+00	0.10789	0.00027	0.00703	1.21559	1.39E+00	0.136178	0.00023	0.004106	1.53E+00	1.36908	0.117123	0.000188	0.004361	1.490752
92	486583.18	3855743.15	11.61138	24.74692	13.60061	2.85764	1.05E+00	0.10469	0.00025	0.00662	1.16381	1.33E+00	0.132137	0.000216	0.003864	1.46E+00	1.309179	0.113647	0.000177	0.004104	1.427106
93	486633.18	3855743.15	11.08147	24.10886	12.95877	2.74101	1.00E+00	0.10199	0.00024	0.00635	1.11281	1.27E+00	0.12873	0.000206	0.003706	1.40E+00	1.249432	0.110717	0.000168	0.003936	1.364253
94	486683.18	3855743.15	10.73241	23.43083	12.69234	2.69059	9.73E-01	0.09912	0.00024	0.00623	1.07819	1.23E+00	0.125109	0.000202	0.003638	1.36E+00	1.210076	0.107603	0.000165	0.003864	1.321707
95	486733.18	3855743.15	10.39818	23.23304	12.3219	2.60405	9.42E-01	0.09829	0.00023	0.00603	1.04685	1.19E+00	0.124053	0.000196	0.003521	1.32E+00	1.172391	0.106695	0.00016	0.00374	1.282985
96	486783.18	3855743.15	10.10157	23.39348	12.38102	2.60266	9.15E-01	0.09897	0.00023	0.00603	1.02065	1.16E+00	0.12491	0.000197	0.003519	1.28E+00	1.138949	0.107432	0.000161	0.003738	1.250278
97	486533.18	3855793.15	12.80118	25.86594	15.09968	3.23969	1.16E+00	0.10943	0.00028	0.0075	1.27728	1.46E+00	0.138112	0.00024	0.00438	1.61E+00	1.443329	0.118786	0.000196	0.004652	1.566963
98	486583.18	3855793.15	12.04042	25.38583	14.0746	2.99327	1.09E+00	0.1074	0.00026	0.00693	1.20572	1.38E+00	0.135548	0.000224	0.004047	1.52E+00	1.357553	0.116581	0.000183	0.004298	1.478616
99	486633.18	3855793.15	11.61476	24.64258	13.77258	2.9357	1.05E+00	0.10425	0.00026	0.0068	1.16386	1.33E+00	0.13158	0.000219	0.003969	1.46E+00	1.30956	0.113168	0.000179	0.004216	1.427123
100	486683.18	3855793.15	11.43117	24.44239	13.52949	2.88522	1.04E+00	0.1034	0.00025	0.00668	1.14626	1.31E+00	0.130511	0.000215	0.003901	1.44E+00	1.288861	0.112249	0.000176	0.004143	1.405428
101	486733.18	3855793.15	11.05221	24.30947	13.18843	2.81253	1.00E+00	0.10284	0.00025	0.00651	1.11118	1.26E+00	0.129801	0.00021	0.003803	1.40E+00	1.246133	0.111638	0.000171	0.004039	1.361981
102	486783.18	3855793.15	10.7069	24.04186	12.93559	2.75481	9.70E-01	0.10171	0.00024	0.00638	1.07861	1.22E+00	0.128372	0.000206	0.003725	1.36E+00	1.207199	0.110409	0.000168	0.003956	1.321732
103	486533.18	3855843.15	13.24241	26.63922	15.71633	3.37618	1.20E+00	0.1127	0.00029	0.00782	1.32087	1.51E+00	0.142241	0.00025	0.004565	1.66E+00	1.493077	0.122337	0.000204	0.004848	1.620467
104	486583.18	3855843.15	12.67302	25.78748	14.84151	3.16783	1.15E+00	0.10909	0.00028	0.00734	1.26516	1.45E+00	0.137693	0.000236	0.004283	1.59E+00	1.428879	0.118426	0.000193	0.004549	1.552046
105	486633.18	3855843.15	12.4241	24.60613	14.48923	3.11211	1.13E+00	0.1041	0.00027	0.00721	1.23747	1.42E+00	0.131385	0.00023	0.004208	1.56E+00	1.400813	0.113	0.000188	0.004469	1.518471
106	486683.18	3855843.15	12.00687	25.04349	14.22354	3.06696	1.09E+00	0.10595	0.00027	0.0071	1.2014	1.37E+00	0.13372	0.000226	0.004147	1.51E+00	1.35377	0.115009	0.000185	0.004404	1.473368
107	486733.18	3855843.15	11.6219	24.76743	13.99885	3.02401	1.05E+00	0.10478	0.00026	0.007	1.16525	1.33E+00	0.132246	0.000222	0.004089	1.47E+00	1.310365	0.113741	0.000182	0.004343	1.428631
108	486783.18	3855843.15	11.33927	24.47306	13.70361	2.94516	1.03E+00	0.10353	0.00026	0.00682	1.1382	1.30E+00	0.130674	0.000218	0.003982	1.43E+00	1.278499	0.112389	0.000178	0.004229	1.395295
109	486533.18	3855893.15	13.75609	26.10405	16.6385	3.49437	1.25E+00	0.11043	0.00031	0.00809	1.36544	1.57E+00	0.139383	0.000264	0.004725	1.72E+00	1.550994	0.119879	0.000216	0.005018	1.676108
110	486583.18	3855893.15	13.32033	25.38543	16.10982	3.3989	1.21E+00	0.10739	0.0003	0.00787	1.32268	1.52E+00	0.135546	0.000256	0.004596	1.66E+00	1.501863	0.116579	0.000209	0.004881	1.623532
111	486633.18	3855893.15	12.86734	25.5175	15.51802	3.31221	1.17E+00	0.10795	0.00029	0.00767	1.28198	1.47E+00	0.136251	0.000247	0.004478	1.61E+00	1.450788	0.117186	0.000201	0.004757	1.572932
112	486683.18	3855893.15	12.67561	25.38619	15.03162	3.25153	1.15E+00	0.1074	0.00028	0.00753	1.2639	1.45E+00	0.13555	0.000239	0.004396	1.59E+00	1.429171	0.116583	0.000195	0.004669	1.550618
113	486733.18	3855893.15	12.30315	26.22335	14.73164	3.19799	1.11E+00	0.11094	0.00028	0.00741	1.23356	1.41E+00	0.14002	0.000234	0.004324	1.55E+00	1.387176	0.120427	0.000191	0.004592	1.512387
114	486783.18	3855893.15	11.97832	25.82952	14.56271	3.16488	1.09E+00	0.10927	0.00027	0.00733	1.20238	1.37E+00	0.137917	0.000231	0.004279	1.51E+00	1.350551	0.118619	0.000189	0.004545	1.473904
115	486533.18	3855943.15	14.20374	26.3834	17.48963	3.70204	1.29E+00	0.11162	0.00033	0.00857	1.40769	1.62E+00	0.140875	0.000278	0.005006	1.77E+00	1.601467	0.121162	0.000227	0.005316	1.728173
116	486583.18	3855943.15	13.99168	26.2879	17.22637	3.66017	1.27E+00	0.11121	0.00032	0.00848	1.38797	1.60E+00	0.140365	0.000274	0.004949	1.75E+00	1.577557	0.120724	0.000224	0.005256	1.703761
117	486633.18	3855943.15	13.56327	24.96332	16.55762	3.54675	1.23E+00	0.10561	0.00031	0.00821	1.34326	1.55E+00	0.133292	0.000263	0.004796	1.69E+00	1.529254	0.114641	0.000215	0.005093	1.649203
118	486683.18	3855943.15	13.04963	25.30659	16.0327	3.50879	1.18E+00	0.10706	0.0003	0.00813	1.29807	1.49E+00	0.135125	0.000255	0.004744	1.63E+00	1.471341	0.116217	0.000208	0.005039	1.592805

119	486733.18	3855943.15	12.72677	25.41531	15.61932	3.43071		1.15E+00	0.10752	0.00029	0.00795	1.26908		1.46E+00	0.135706	0.000248	0.004639	1.60E+00		1.434939	0.116717	0.000203	0.004927	1.556785
120	486783.18	3855943.15	12.56195	26.22671	15.30113	3.40353		1.14E+00	0.11095	0.00029	0.00788	1.25751		1.44E+00	0.140038	0.000243	0.004602	1.58E+00		1.416356	0.120443	0.000199	0.004888	1.541885
121	486533.18	3855993.15	14.87972	27.70485	18.45675	4.03162		1.35E+00	0.11721	0.00035	0.00934	1.47532		1.70E+00	0.147931	0.000293	0.005451	1.86E+00		1.677683	0.127231	0.00024	0.00579	1.810943
122	486583.18	3855993.15	14.32647	26.50785	18.01206	3.92142		1.30E+00	0.11214	0.00034	0.00908	1.41986		1.64E+00	0.141539	0.000286	0.005302	1.79E+00		1.615305	0.121734	0.000234	0.005631	1.742904
123	486633.18	3855993.15	14.01468	24.96131	17.62629	3.81705		1.27E+00	0.1056	0.00033	0.00884	1.38481		1.60E+00	0.133281	0.00028	0.005161	1.74E+00		1.58015	0.114632	0.000229	0.005481	1.700492
124	486683.18	3855993.15	13.76787	25.12618	17.07095	3.75022		1.25E+00	0.1063	0.00032	0.00869	1.36298		1.57E+00	0.134162	0.000271	0.005071	1.71E+00		1.552323	0.115389	0.000222	0.005386	1.673318
125	486733.18	3855993.15	13.39284	25.2604	16.52967	3.67909		1.21E+00	0.10686	0.00031	0.00852	1.32938		1.53E+00	0.134878	0.000263	0.004975	1.67E+00		1.510038	0.116005	0.000215	0.005283	1.631541
126	486783.18	3855993.15	12.85946	25.72822	16.18795	3.63435		1.17E+00	0.10884	0.0003	0.00842	1.28292		1.47E+00	0.137376	0.000257	0.004914	1.61E+00		1.4499	0.118154	0.00021	0.005219	1.573483
127	486533.18	3856043.15	15.46559	28.60921	19.56532	4.3506		1.40E+00	0.12103	0.00037	0.01008	1.533		1.77E+00	0.152759	0.000311	0.005882	1.93E+00		1.74374	0.131384	0.000254	0.006248	1.881626
128	486583.18	3856043.15	15.08225	27.88514	19.04544	4.28174		1.37E+00	0.11797	0.00036	0.00992	1.49503		1.73E+00	0.148893	0.000303	0.005789	1.88E+00		1.700519	0.128059	0.000247	0.006149	1.834973
129	486633.18	3856043.15	14.64397	26.22912	18.41834	4.15372		1.33E+00	0.11096	0.00034	0.00962	1.448		1.67E+00	0.140051	0.000293	0.005616	1.82E+00		1.651103	0.120454	0.000239	0.005965	1.777761
130	486683.18	3856043.15	14.17103	25.7153	18.09082	4.06536		1.28E+00	0.10879	0.00034	0.00942	1.40275		1.62E+00	0.137307	0.000288	0.005497	1.76E+00		1.597779	0.118094	0.000235	0.005838	1.721946
131	486733.18	3856043.15	13.82757	25.81844	17.56561	3.95134		1.25E+00	0.10923	0.00033	0.00915	1.37179		1.58E+00	0.137858	0.000279	0.005343	1.73E+00		1.559054	0.118568	0.000228	0.005674	1.683524
132	486783.18	3856043.15	13.5452	25.72588	17.05625	3.92829		1.23E+00	0.10883	0.00032	0.0091	1.34575		1.55E+00	0.137364	0.000271	0.005311	1.69E+00		1.527217	0.118143	0.000221	0.005641	1.651222
133	486533.18	3856093.15	16.2854	29.62268	20.72558	4.73613		1.48E+00	0.12532	0.00039	0.01097	1.61249		1.86E+00	0.158171	0.000329	0.006404	2.03E+00		1.836173	0.136038	0.000269	0.006801	1.979282
134	486583.18	3856093.15	15.6168	28.72525	20.16364	4.62521		1.42E+00	0.12152	0.00038	0.01071	1.54784		1.79E+00	0.153379	0.00032	0.006254	1.95E+00		1.760789	0.131917	0.000262	0.006642	1.89961
135	486633.18	3856093.15	15.19676	27.38354	19.4757	4.49815		1.38E+00	0.11585	0.00036	0.01042	1.50379		1.74E+00	0.146215	0.00031	0.006082	1.89E+00		1.713429	0.125755	0.000253	0.00646	1.845897
136	486683.18	3856093.15	14.80802	26.36725	18.89825	4.41555		1.34E+00	0.11155	0.00035	0.01023	1.46406		1.69E+00	0.140788	0.0003	0.00597	1.84E+00		1.669599	0.121088	0.000245	0.006341	1.797274
137	486733.18	3856093.15	14.40333	26.29876	18.40413	4.33044		1.31E+00	0.11126	0.00034	0.01003	1.42689		1.65E+00	0.140423	0.000292	0.005855	1.79E+00		1.623971	0.120774	0.000239	0.006219	1.751202
138	486783.18	3856093.15	13.97136	26.14592	18.00942	4.27221		1.27E+00	0.11061	0.00034	0.0099	1.38696		1.60E+00	0.139607	0.000286	0.005776	1.74E+00		1.575266	0.120072	0.000234	0.006135	1.701707
139	486533.18	3856143.15	16.82619	29.33048	21.75824	5.18718		1.52E+00	0.12408	0.00041	0.01201	1.66133		1.92E+00	0.156611	0.000346	0.007014	2.09E+00		1.897147	0.134696	0.000282	0.007449	2.039575
140	486583.18	3856143.15	16.42709	28.65104	21.13335	4.9599		1.49E+00	0.12121	0.0004	0.01149	1.62175		1.88E+00	0.152983	0.000336	0.006706	2.04E+00		1.852149	0.131576	0.000274	0.007123	1.991122
141	486633.18	3856143.15	15.93207	28.23232	20.6325	4.86009		1.44E+00	0.11944	0.00039	0.01126	1.57488		1.82E+00	0.150747	0.000328	0.006571	1.98E+00		1.796335	0.129653	0.000268	0.006979	1.933236
142	486683.18	3856143.15	15.44847	27.30792	19.98516	4.75843		1.40E+00	0.11553	0.00037	0.01102	1.52689		1.77E+00	0.145811	0.000318	0.006434	1.92E+00		1.74181	0.125408	0.000259	0.006833	1.874311
143	486733.18	3856143.15	14.94274	26.69913	19.32817	4.67345		1.35E+00	0.11295	0.00036	0.01082	1.47828		1.71E+00	0.142561	0.000307	0.006319	1.86E+00		1.684789	0.122612	0.000251	0.006711	1.814363
144	486783.18	3856143.15	14.52988	26.44645	19.00404	4.6421		1.32E+00	0.11188	0.00036	0.01075	1.43972		1.66E+00	0.141211	0.000302	0.006277	1.81E+00		1.638239	0.121452	0.000247	0.006666	1.766604
145	486533.18	3856193.15	17.52784	29.46319	23.02697	5.71652		1.59E+00	0.12464	0.00043	0.01324	1.72673		2.00E+00	0.157319	0.000366	0.007729	2.17E+00		1.976258	0.135306	0.000299	0.008209	2.120072
146	486583.18	3856193.15	16.99758	29.61603	22.20553	5.41832		1.54E+00	0.12529	0.00042	0.01255	1.67861		1.94E+00	0.158135	0.000353	0.007326	2.11E+00		1.916471	0.136008	0.000288	0.007781	2.060548
147	486633.18	3856193.15	16.50583	28.84843	21.64348	5.29674		1.50E+00	0.12204	0.00041	0.01227	1.63051		1.89E+00	0.154037	0.000344	0.007162	2.05E+00		1.861027	0.132483	0.000281	0.007606	2.001397
148	486683.18	3856193.15	16.11563	27.46567	21.12833	5.15702		1.46E+00	0.11619	0.0004	0.01194	1.58897		1.84E+00	0.146654	0.000336	0.006973	2.00E+00		1.817032	0.126133	0.000274	0.007406	1.950844
149	486733.18	3856193.15	15.6734	26.79978	20.50812	5.0359		1.42E+00	0.11338	0.00038	0.01166	1.54578		1.79E+00	0.143098	0.000326	0.006809	1.94E+00		1.76717	0.123075	0.000266	0.007232	1.897743
150	486783.18	3856193.15	15.24537	26.61367	19.96725	5.01568		1.38E+00	0.11259	0.00037	0.01162	1.50615		1.74E+00	0.142104	0.000317	0.006782	1.89E+00		1.71891	0.12222	0.000259	0.007203	1.848592
151	486533.18	3856243.15	18.22666	30.88635	24.07814	6.20707		1.65E+00	0.13067	0.00045	0.01438	1.79723		2.08E+00	0.164918	0.000383	0.008393	2.26E+00		2.05505	0.141842	0.000313	0.008914	2.206117
152	486583.18	3856243.15	17.70868	29.98214	23.44036	5.9744		1.60E+00	0.12684	0.00044	0.01384	1.74591		2.03E+00	0.16009	0.000373	0.008078	2.19E+00		1.996648	0.137689	0.000304	0.00858	2.143221
153	486633.18	3856243.15	17.24278	30.52265	22.8197	5.75876		1.56E+00	0.12913	0.00043	0.01334	1.70547		1.97E+00	0.162976	0.000363	0.007786	2.14E+00		1.944118	0.140171	0.000296	0.00827	2.092855
154	486683.18	3856243.15	16.77727	27.80769	22.2369	5.59492		1.52E+00	0.11764	0.00042	0.01296	1.65141		1.92E+00	0.14848	0.000353	0.007565	2.08E+00		1.891631	0.127703	0.000289	0.008035	2.027658
155	486733.18	3856243.15	16.36214	26.3121	21.66141	5.51308		1.48E+00	0.11131	0.00041	0.01277	1.60726		1.87E+00	0.140494	0.000344	0.007454	2.02E+00		1.844826	0.120835	0.000281	0.007917	1.973859
156	486783.18	3856243.15	15.80896	27.08371	21.03159	5.38622		1.43E+00	0.11458	0.00039	0.01248	1.56009		1.81E+00	0.144614	0.000334	0.007283	1.96E+00		1.782455	0.124378	0.000273	0.007735	1.914841
157	486533.18	3856293.15	19.12222	30.39634	25.4481	6.80632		1.73E+00	0.12859	0.00048	0.01576	1.87773		2.19E+00	0.162302	0.000404	0.009203	2.36E+00		2.156024	0.139591	0.00033	0.009774	2.30572
158	486583.18	3856293.15	18.52833	31.10567	24.56483	6.51549		1.68E+00	0.13159	0.00046	0.01509	1.82622		2.12E+00	0.166089	0.00039	0.00881	2.29E+00		2.089063	0.142849	0.000319	0.009357	2.241587
159	486633.18	3856293.15	17.93493	31.40995	23.8836	6.24161		1.63E+00	0.13288	0.00045	0.01446	1.77308		2.05E+00	0.167714	0.00038	0.008439	2.23E+00		2.022157	0.144246	0.00031	0.008963	2.175677
160	486683.18	3856293.15	17.45604	31.22515	23.34248	6.05007		1.58E+00	0.1321	0.00044	0.01401	1.72845		2.00E+00	0.166727	0.000371	0.00818	2.17E+00		1.968163	0.143397	0.000303	0.008688	2.120551
161	486733.18	3856293.15	16.96438	28.28169	22.77174	6.02092		1.54E+00	0.11965	0.00043	0.01395	1.67137		1.94E+00	0.151011	0.000362	0.008141	2.10E+00		1.912728	0.12988	0.000296	0.008646	2.05155
162	486783.18	3856293.15	16.47826	27.69511	22.20626	5.91847		1.49E+00	0.11716	0.00042	0.01371	1.62458		1.88E+00	0.147879	0.000353	0.008002	2.04E+00		1.857918	0.127186	0.000288	0.008499	1.993892
163	486783.18	3856343.15	17.07544	28.6496	23.36079	6.40131		1.55E+00	0.1212	0.00044	0.01483	1.68388		1.95E+00	0.152975	0.000371	0.008655	2.12E+00		1.92525	0.13157	0.000303	0.009193	2.066315
164	486833.18	3856343.15	16.58462	28.84596	22.74627	6.37979		1.50E+00	0.12203	0.00043	0.01478	1.64017		1.90E+00	0.154024	0.000362	0.008626	2.06E+00		1.86991	0.132471	0.000295	0.009162	2.011839
165	486883.18	3856343.15	16.0878	31.84629	21.99356	6.29604		1.46E+00	0.13473	0.00041	0.01458	1.60763		1.84E+00	0.170044	0.00035	0.008513	2.02E+00		1.813894	0.14625	0.000285	0.009041	1.969471
166	486783.18	3856393.15	17.66667	31.01669	24.34285	6.94133		1.60E+00	0.13122	0.00046	0.01608	1.74874		2.02E+00	0.165614	0.000387	0.009385	2.20E+00		1.991911	0.14244	0.000316	0.009968	2.144635
167	486833.18	3856393.15	17.17553	30.2428	23.57516	6.85665		1.56E+00	0.12794	0.00044	0.01588	1.70075		1.96E+00	0.161482	0.000375	0.009271	2.14E+00		1.936535	0.138886	0.000306	0.009847	2.085574
168	486883.18	3856393.15	16.68707	32.98903	22.90009	6.73863		1.51E+00	0.13956	0.00043	0.01561	1.66781		1.91E+00	0.176146	0.000364	0.009111	2.09E+00		1.881461	0.151498	0.000297	0.009677	2.042934
169	487208.74	3856886.11	18.07694	68.39351	24.94874	12.89601		1.64E+00	0.28934	0.00047	0.02987	1.95785		2.07E+00	0.365189	0.000397	0.017437	2.45E+00		2.038169	0.314088	0.000324	0.018519	2.3711
170	487258.74	3856886.11	17.41389	65.83364	24.15178	12.71717		1.58E+00	0.27851	0.00045	0.02946	1.8865		1.99E+00	0.35152	0.000384	0.017195	2.36E+00		1.96341	0.302333	0.000313	0.018263	2.284319
171	487308.74	3856886.11	16.89082	63.07077	23.36671	12.70329		1.53E+00	0.26682	0.00044	0.02942	1.82736		1.93E+00	0.336768	0.000371	0.017176	2.29E+00		1.904434	0.289644	0.000303	0.018243	2.212624
172	487358.74	3856886.11	16.45377	62.38879	22.70229	12.5737		1.49E+00	0.26394	0.00042	0.02912	1.78456		1.88E+00	0.333126	0.000361	0.017001	2.23E+00		1.855157	0.286512	0.000295	0.018056	2.160021
173	487208.74	3856936.11	18.85823	70.89723	25.84522	14.23994		1.71E+00	0.29993	0.00048	0.03298	2.04237		2.16E+00	0.378557	0.000411	0.019254	2.56E+00		2.126259	0.325586	0.000335	0.020449	2.47263
174	487258.74	3856936.11	18.06024	68.36734	24.94657	13.67633		1.64E+00	0.28923	0.00047	0.03168	1.95803		2.07E+00	0.365049	0.000396	0.018492	2.45E+00		2.036286	0.313968	0.000324	0.01964	2.370218
175	487308.74	3856936.11	17.38992	66.2471	24.06461	13.38439		1.58E+00	0.28026	0.00045	0.031	1.88762		1.99E+00	0.353728	0.000382	0.018097	2.36E+00		1.960708	0.304231	0.000312	0.019221	2.284472
176	487358.74	3856936.11	16.81351	64.22161	23.22901	13.36384		1.52E+00	0.27169	0.00043	0.03095	1.82675		1.92E+00	0.342913	0.000369	0.018069	2.28E+00		1.895717	0.294929	0.000302	0.019191	2.21014
177	487208.74	3856986.11	19.7586	73.15898	26.9953	15.26127		1.79E+00	0.3095	0.00051	0.03535	2.13592		2.26E+00	0.390634	0.000429	0.020635	2.67E+00		2.227775	0.335973	0.00035	0.021916	2.586015
178	487258.74	3856986.11	18.76033	70.17164	25.73904	14.90254		1.70E+00	0.29686	0.00048	0.03452	2.03196		2.15E+00	0.374683	0.000409	0.02015	2.54E+00		2.115221	0.322254	0.000334	0.021401	2.45921
179	487308.74	3856986.11	17.99179	67.45672	24.83358	14.45434		1.63E+00	0.28538	0.00046	0.03348	1.94977		2.06E+00	0.360187	0.000395	0.019544	2.44E+00		2.028568	0.309786	0.000322	0.020757	2.359434

180	487358.74	3856986.11	17.29612	65.34425	23.90121	14.14989	1.57E+00	0.27644	0.00045	0.03277	1.87707	1.98E+00	0.348907	0.00038	0.019132	2.35E+00	1.950132	0.300085	0.00031	0.02032	2.270847
181	487208.74	3857036.11	20.97344	74.71806	28.63492	16.22631	1.90E+00	0.3161	0.00054	0.03758	2.25487	2.40E+00	0.398959	0.000455	0.02194	2.82E+00	2.364748	0.343133	0.000372	0.023302	2.731555
182	487258.74	3857036.11	19.47671	71.83668	27.09758	15.89117	1.77E+00	0.30391	0.00051	0.03681	2.10624	2.23E+00	0.383573	0.000431	0.021487	2.63E+00	2.195992	0.329901	0.000352	0.022821	2.549065
183	487308.74	3857036.11	18.584	67.96788	25.69063	15.56216	1.68E+00	0.28754	0.00048	0.03604	2.00819	2.13E+00	0.362916	0.000408	0.021042	2.51E+00	2.09534	0.312134	0.000333	0.022348	2.430155
184	487358.74	3857036.11	17.8029	66.06795	24.66109	15.27198	1.61E+00	0.2795	0.00046	0.03537	1.92867	2.04E+00	0.352771	0.000392	0.020649	2.41E+00	2.007271	0.303409	0.00032	0.021931	2.332931
185	487427.14	3856878.23	15.68233	59.93192	21.6186	12.5229	1.42E+00	0.25354	0.0004	0.02901	1.70412	1.79E+00	0.320008	0.000344	0.016932	2.13E+00	1.768177	0.27523	0.000281	0.017984	2.061671
186	487477.14	3856878.23	15.2606	57.32026	20.96773	12.48637	1.38E+00	0.24249	0.00039	0.02892	1.65475	1.75E+00	0.306063	0.000333	0.016883	2.07E+00	1.720627	0.263236	0.000272	0.017931	2.002067
187	487527.14	3856878.23	14.86715	54.70754	20.37968	12.21927	1.35E+00	0.23144	0.00038	0.0283	1.60742	1.70E+00	0.292112	0.000324	0.016522	2.01E+00	1.676266	0.251237	0.000265	0.017548	1.945315
188	487427.14	3856928.23	16.11483	60.97499	22.09961	13.27927	1.46E+00	0.25796	0.00041	0.03076	1.74949	1.84E+00	0.325577	0.000351	0.017955	2.19E+00	1.816942	0.28002	0.000287	0.01907	2.116318
189	487477.14	3856928.23	15.67421	59.44115	21.5062	13.21306	1.42E+00	0.25147	0.0004	0.0306	1.7029	1.79E+00	0.317387	0.000342	0.017865	2.13E+00	1.767262	0.272976	0.000279	0.018975	2.059491
190	487527.14	3856928.23	15.22533	57.69939	20.90971	13.13555	1.38E+00	0.2441	0.00039	0.03042	1.65467	1.74E+00	0.308087	0.000332	0.017761	2.07E+00	1.716651	0.264977	0.000271	0.018863	2.000763
191	487577.14	3856928.23	14.8134	56.58473	20.32304	12.95836	1.34E+00	0.23938	0.00038	0.03001	1.6122	1.69E+00	0.302135	0.000323	0.017521	2.01E+00	1.670206	0.259858	0.000264	0.018609	1.948937
192	487627.14	3856928.23	14.4754	55.99471	19.79509	12.78135	1.31E+00	0.23689	0.00037	0.0296	1.57865	1.66E+00	0.298985	0.000315	0.017282	1.97E+00	1.632096	0.257149	0.000257	0.018355	1.907857
193	487677.14	3856928.23	14.14794	55.2557	19.2621	12.95907	1.28E+00	0.23376	0.00036	0.03002	1.54625	1.62E+00	0.295039	0.000306	0.017522	1.93E+00	1.595175	0.253755	0.00025	0.01861	1.86779
194	487727.14	3856928.23	13.8092	53.75907	18.73002	13.02161	1.25E+00	0.22743	0.00035	0.03016	1.50936	1.58E+00	0.287048	0.000298	0.017607	1.88E+00	1.556983	0.246882	0.000243	0.0187	1.822807
195	487777.14	3856928.23	13.51351	52.77604	18.30521	12.9306	1.22E+00	0.22327	0.00034	0.02995	1.47818	1.55E+00	0.281799	0.000291	0.017484	1.85E+00	1.523644	0.242367	0.000238	0.018569	1.784817
196	487427.14	3856978.23	16.49855	62.66994	22.79419	14.00611	1.50E+00	0.26513	0.00043	0.03244	1.79313	1.89E+00	0.334627	0.000362	0.018938	2.24E+00	1.860206	0.287804	0.000296	0.020114	2.168419
197	487477.14	3856978.23	16.00641	60.88561	22.02675	13.9485	1.45E+00	0.25758	0.00041	0.03231	1.74083	1.83E+00	0.3251	0.00035	0.01886	2.18E+00	1.804717	0.279609	0.000286	0.020031	2.104643
198	487527.14	3856978.23	15.54752	59.63605	21.37134	13.96152	1.41E+00	0.25229	0.0004	0.03234	1.69398	1.78E+00	0.318428	0.00034	0.018877	2.12E+00	1.752978	0.273871	0.000277	0.020049	2.047175
199	487577.14	3856978.23	15.16099	58.76946	20.7818	13.84928	1.37E+00	0.24862	0.00039	0.03208	1.65501	1.73E+00	0.313801	0.00033	0.018726	2.07E+00	1.709396	0.269891	0.00027	0.019888	1.999446
200	487627.14	3856978.23	14.82017	58.0332	20.27348	13.57814	1.34E+00	0.24551	0.00038	0.03145	1.62037	1.70E+00	0.30987	0.000322	0.018359	2.02E+00	1.670969	0.26651	0.000263	0.019499	1.957241
201	487677.14	3856978.23	14.45801	56.44863	19.70397	13.47813	1.31E+00	0.23881	0.00037	0.03122	1.58061	1.65E+00	0.301409	0.000313	0.018224	1.97E+00	1.630136	0.259233	0.000256	0.019355	1.90898
202	487727.14	3856978.23	14.17828	55.73641	19.29252	13.25366	1.28E+00	0.23579	0.00036	0.0307	1.55172	1.62E+00	0.297606	0.000307	0.01792	1.94E+00	1.598596	0.255962	0.00025	0.019033	1.873842
203	487777.14	3856978.23	13.79468	53.79056	18.67858	13.70888	1.25E+00	0.22756	0.00035	0.03175	1.50977	1.58E+00	0.287216	0.000297	0.018536	1.88E+00	1.555345	0.247026	0.000242	0.019687	1.822301
204	487427.14	3857028.23	16.88515	64.07412	23.38086	14.73483	1.53E+00	0.27107	0.00044	0.03413	1.8358	1.93E+00	0.342125	0.000372	0.019923	2.29E+00	1.903795	0.294252	0.000303	0.02116	2.219511
205	487477.14	3857028.23	16.36412	62.55177	22.60229	14.75515	1.48E+00	0.26463	0.00042	0.03418	1.78218	1.87E+00	0.333997	0.000359	0.019951	2.23E+00	1.845049	0.287261	0.000293	0.021189	2.153792
206	487527.14	3857028.23	15.91578	61.38977	21.93083	14.66845	1.44E+00	0.25971	0.00041	0.03397	1.73642	1.82E+00	0.327792	0.000349	0.019833	2.17E+00	1.794499	0.281925	0.000285	0.021065	2.097773
207	487577.14	3857028.23	15.4777	60.28694	21.28056	14.6071	1.40E+00	0.25504	0.0004	0.03383	1.6919	1.77E+00	0.321903	0.000338	0.01975	2.11E+00	1.745105	0.27686	0.000276	0.020977	2.043218
208	487627.14	3857028.23	15.12546	59.40053	20.74475	14.41324	1.37E+00	0.25129	0.00039	0.03338	1.65577	1.73E+00	0.31717	0.00033	0.019488	2.07E+00	1.70539	0.272789	0.000269	0.020698	1.999147
209	487677.14	3857028.23	14.76469	58.0356	20.17597	14.21554	1.34E+00	0.24552	0.00038	0.03293	1.61683	1.69E+00	0.309882	0.000321	0.019221	2.02E+00	1.664714	0.266521	0.000262	0.020414	1.951911
210	487727.14	3857028.23	14.40809	56.20751	19.60288	14.19372	1.31E+00	0.23779	0.00037	0.03288	1.57672	1.65E+00	0.300121	0.000312	0.019191	1.97E+00	1.624507	0.258126	0.000254	0.020383	1.90327
211	487777.14	3857028.23	14.07487	54.41066	19.10124	14.25116	1.28E+00	0.23018	0.00036	0.03301	1.53905	1.61E+00	0.290527	0.000304	0.019269	1.92E+00	1.586937	0.249874	0.000248	0.020465	1.857524
212	487427.14	3857078.23	17.25877	64.99432	24.00054	15.70919	1.56E+00	0.27496	0.00045	0.03639	1.87582	1.97E+00	0.347039	0.000381	0.021241	2.34E+00	1.94592	0.298478	0.000312	0.022559	2.267269
213	487477.14	3857078.23	16.72588	63.3309	23.21062	15.38695	1.52E+00	0.26792	0.00043	0.03564	1.81973	1.91E+00	0.338157	0.000369	0.020805	2.27E+00	1.885837	0.290839	0.000301	0.022096	2.199074
214	487527.14	3857078.23	16.24797	62.47005	22.49265	15.35237	1.47E+00	0.26428	0.00042	0.03556	1.77269	1.86E+00	0.33356	0.000357	0.020758	2.21E+00	1.831953	0.286886	0.000292	0.022047	2.141178
215	487577.14	3857078.23	15.80179	60.9252	21.8222	15.3302	1.43E+00	0.25774	0.00041	0.03551	1.72565	1.81E+00	0.325311	0.000347	0.020728	2.15E+00	1.781646	0.279791	0.000283	0.022015	2.083736
216	487627.14	3857078.23	15.4246	60.02585	21.2214	15.12909	1.40E+00	0.25394	0.0004	0.03504	1.68719	1.76E+00	0.320509	0.000337	0.020456	2.11E+00	1.739118	0.275661	0.000275	0.021726	2.036781
217	487677.14	3857078.23	15.04631	58.61675	20.63129	15.12237	1.36E+00	0.24798	0.00039	0.03503	1.64692	1.72E+00	0.312985	0.000328	0.020447	2.05E+00	1.696466	0.26919	0.000268	0.021717	1.987641
218	487727.14	3857078.23	14.68042	56.50767	20.06683	14.90016	1.33E+00	0.23906	0.00038	0.03451	1.60431	1.68E+00	0.301724	0.000319	0.020147	2.00E+00	1.655212	0.259504	0.00026	0.021397	1.936374
219	487777.14	3857078.23	14.3454	55.19363	19.57152	14.77468	1.30E+00	0.2335	0.00037	0.03422	1.56809	1.64E+00	0.294708	0.000311	0.019977	1.96E+00	1.617439	0.25347	0.000254	0.021217	1.89238
220	487427.14	3857128.23	17.56407	65.35785	24.84006	16.65439	1.59E+00	0.2765	0.00047	0.03857	1.90723	2.01E+00	0.34898	0.000395	0.022519	2.38E+00	1.980343	0.300148	0.000322	0.023917	2.304729
221	487477.14	3857128.23	17.06557	64.20323	23.98681	16.33847	1.55E+00	0.27161	0.00045	0.03784	1.85642	1.95E+00	0.342815	0.000381	0.022091	2.32E+00	1.924137	0.294845	0.000311	0.023463	2.242757
222	487527.14	3857128.23	16.62207	63.0568	23.21715	16.00894	1.51E+00	0.26676	0.00043	0.03708	1.8106	1.90E+00	0.336693	0.000369	0.021646	2.26E+00	1.874133	0.28958	0.000301	0.02299	2.187004
223	487577.14	3857128.23	16.15936	61.89869	22.47485	15.8712	1.46E+00	0.26186	0.00042	0.03676	1.76344	1.85E+00	0.330509	0.000357	0.02146	2.20E+00	1.821962	0.284262	0.000292	0.022792	2.129308
224	487627.14	3857128.23	15.64685	60.47123	21.77413	15.94935	1.42E+00	0.25582	0.00041	0.03694	1.71112	1.79E+00	0.322887	0.000346	0.021565	2.13E+00	1.764177	0.277706	0.000283	0.022904	2.06507
225	487677.14	3857128.23	15.28952	58.76238	21.17059	15.68038	1.39E+00	0.24859	0.0004	0.03632	1.67088	1.75E+00	0.313763	0.000336	0.021202	2.08E+00	1.723888	0.269859	0.000275	0.022518	2.016539
226	487727.14	3857128.23	14.92855	57.01081	20.52196	15.78532	1.35E+00	0.24118	0.00038	0.03656	1.63099	1.71E+00	0.30441	0.000326	0.021343	2.03E+00	1.683189	0.261815	0.000266	0.022669	1.967939
227	487777.14	3857128.23	14.6079	56.08267	20.00069	15.57642	1.32E+00	0.23726	0.00037	0.03608	1.59751	1.67E+00	0.299455	0.000318	0.021061	1.99E+00	1.647036	0.257552	0.00026	0.022369	1.927216
228	488049.44	3856539.39	9.83464	33.19539	12.86117	8.25565	8.91E-01	0.14043	0.00024	0.01912	1.05103	1.12E+00	0.177247	0.000204	0.011163	1.31E+00	1.108852	0.152446	0.000167	0.011856	1.27332
229	488099.44	3856539.39	9.65537	33.25523	12.57678	8.04609	8.75E-01	0.14069	0.00024	0.01864	1.03455	1.10E+00	0.177567	0.0002	0.010879	1.29E+00	1.08864	0.15272	0.000163	0.011555	1.253078
230	488149.44	3856539.39	9.42698	32.44915	12.33133	8.01534	8.54E-01	0.13728	0.00023	0.01857	1.01037	1.08E+00	0.173263	0.000196	0.010838	1.26E+00	1.062889	0.149019	0.00016	0.01151	1.223578
231	488049.44	3856589.39	10.0187	35.43807	13.25569	8.96357	9.08E-01	0.14992	0.00025	0.02076	1.07885	1.15E+00	0.189222	0.000211	0.01212	1.35E+00	1.129605	0.162745	0.000172	0.012872	1.305394
232	488099.44	3856589.39	9.82536	34.77356	12.95144	8.8258	8.90E-01	0.14711	0.00024	0.02044	1.05819	1.12E+00	0.185674	0.000206	0.011933	1.32E+00	1.107806	0.159693	0.000168	0.012674	1.280342
233	488149.44	3856589.39	9.64015	34.07852	12.6629	8.62668	8.74E-01	0.14417	0.00024	0.01998	1.038	1.10E+00	0.181963	0.000201	0.011664	1.30E+00	1.086924	0.156501	0.000164	0.012388	1.255978
234	488199.44	3856589.39	9.4633	32.59228	12.39423	8.37436	8.58E-01	0.13788	0.00023	0.0194	1.01509	1.08E+00	0.174027	0.000197	0.011323	1.27E+00	1.066984	0.149676	0.000161	0.012026	1.228847
235	488249.44	3856589.39	9.22278	32.06657	12.12372	8.40959	8.36E-01	0.13566	0.00023	0.01948	0.99115	1.05E+00	0.17122	0.000193	0.011371	1.24E+00	1.039865	0.147262	0.000157	0.012077	1.199361
236	488049.44	3856639.39	10.27476	37.15724	13.67989	9.59283	9.31E-01	0.15719	0.00026	0.02222	1.11079	1.18E+00	0.198402	0.000217	0.012971	1.39E+00	1.158476	0.17064	0.000178	0.013776	1.343069
237	488099.44	3856639.39	10.04955	35.86022	13.35477	9.44714	9.11E-01	0.15171	0.00025	0.02188	1.08455	1.15E+00	0.191476	0.000212	0.012774	1.35E+00	1.133083	0.164683	0.000173	0.013567	1.311507
238	488149.44	3856639.39	9.8299	35.30588	13.03912	9.23547	8.91E-01	0.14936	0.00024	0.02139	1.0618	1.12E+00	0.188516	0.000207	0.012487	1.33E+00	1.108318	0.162138	0.000169	0.013263	1.283887
239	488199.44	3856639.39	9.62425	33.88843	12.73677	9.22354	8.72E-01	0.14337	0.00024	0.02136	1.03714	1.10E+00	0.180948	0.000202	0.012471	1.29E+00	1.085131	0.155628	0.000165	0.013245	1.25417
240	488249.44	3856639.39	9.44392	33.00444	12.45822	9.05063	8.56E-01	0.13963	0.00023	0.02096	1.01665	1.08E+00	0.176228	0.000198	0.012237	1.27E+00	1.064799	0.151569	0.000162	0.012997	1.229526

241	488299.44	3856639.39	9.25008	33.16793	12.18075	8.88178	8.38E-01	0.14032	0.00023	0.02057	0.99938	1.06E+00	0.177101	0.000194	0.012009	1.25E+00	1.042943	0.152319	0.000158	0.012755	1.208176
242	488349.44	3856639.39	9.06729	32.61581	11.93872	8.67483	8.22E-01	0.13798	0.00022	0.02009	0.97999	1.04E+00	0.174153	0.00019	0.011729	1.22E+00	1.022334	0.149784	0.000155	0.012458	1.18473
243	488399.44	3856639.39	8.84269	31.68625	11.68215	8.73965	8.01E-01	0.13405	0.00022	0.02024	0.95585	1.01E+00	0.169189	0.000186	0.011817	1.19E+00	0.99701	0.145515	0.000152	0.012551	1.155228
244	488099.44	3856689.39	10.2632	37.63772	13.68218	9.96273	9.30E-01	0.15923	0.00026	0.02308	1.11263	1.17E+00	0.200967	0.000217	0.013471	1.39E+00	1.157172	0.172846	0.000178	0.014307	1.344503
245	488149.44	3856689.39	10.07015	36.47172	13.40286	9.88486	9.13E-01	0.15429	0.00025	0.0229	1.09002	1.15E+00	0.194742	0.000213	0.013365	1.36E+00	1.135406	0.167492	0.000174	0.014195	1.317267
246	488199.44	3856689.39	9.84857	35.5582	13.11177	9.79574	8.92E-01	0.15043	0.00025	0.02269	1.06586	1.13E+00	0.189864	0.000208	0.013245	1.33E+00	1.110423	0.163296	0.00017	0.014067	1.287957
247	488249.44	3856689.39	9.631	35.51122	12.80579	9.61199	8.73E-01	0.15023	0.00024	0.02226	1.04551	1.10E+00	0.189613	0.000204	0.012996	1.30E+00	1.085892	0.163081	0.000166	0.013803	1.262942
248	488299.44	3856689.39	9.41161	34.39406	12.48903	9.60772	8.53E-01	0.1455	0.00023	0.02225	1.02089	1.08E+00	0.183648	0.000198	0.012991	1.27E+00	1.061156	0.15795	0.000162	0.013797	1.233065
249	488349.44	3856689.39	9.24173	32.80307	12.22352	9.44186	8.38E-01	0.13877	0.00023	0.02187	0.99838	1.06E+00	0.175153	0.000194	0.012766	1.25E+00	1.042002	0.150644	0.000159	0.013559	1.206363
250	488399.44	3856689.39	9.08309	32.6326	11.98314	9.09268	8.23E-01	0.13805	0.00022	0.02106	0.98247	1.04E+00	0.174242	0.00019	0.012294	1.23E+00	1.024115	0.149861	0.000156	0.013058	1.187189
251	488099.44	3856739.39	10.49929	39.0023	14.0151	10.5933	9.51E-01	0.165	0.00026	0.02454	1.14127	1.20E+00	0.208254	0.000223	0.014323	1.42E+00	1.183791	0.179113	0.000182	0.015213	1.378299
252	488149.44	3856739.39	10.25889	38.66752	13.69351	10.35283	9.30E-01	0.16358	0.00026	0.02398	1.1175	1.17E+00	0.206466	0.000218	0.013998	1.39E+00	1.156686	0.177576	0.000178	0.014867	1.349307
253	488199.44	3856739.39	10.04631	37.69942	13.34309	10.35334	9.10E-01	0.15949	0.00025	0.02398	1.09414	1.15E+00	0.201297	0.000212	0.013999	1.36E+00	1.132718	0.17313	0.000173	0.014868	1.320889
254	488249.44	3856739.39	9.85705	35.36688	13.07385	10.21269	8.93E-01	0.14962	0.00024	0.02365	1.06679	1.13E+00	0.188842	0.000208	0.013809	1.33E+00	1.111379	0.162418	0.00017	0.014666	1.288633
255	488299.44	3856739.39	9.68255	35.43001	12.84392	9.90836	8.77E-01	0.14989	0.00024	0.02295	1.05053	1.11E+00	0.189179	0.000204	0.013397	1.31E+00	1.091704	0.162708	0.000167	0.014229	1.268808
256	488349.44	3856739.39	9.45118	34.80639	12.55206	9.9759	8.56E-01	0.14725	0.00023	0.02311	1.02708	1.08E+00	0.185849	0.000199	0.013488	1.28E+00	1.065617	0.159844	0.000163	0.014326	1.23995
257	488399.44	3856739.39	9.19976	34.61514	12.2415	10.03311	8.34E-01	0.14644	0.00023	0.02324	1.00361	1.05E+00	0.184828	0.000195	0.013566	1.25E+00	1.03727	0.158966	0.000159	0.014408	1.210802
258	487999.44	3856789.39	11.27081	43.33829	15.17185	11.18134	1.02E+00	0.18334	0.00028	0.0259	1.23091	1.29E+00	0.231406	0.000241	0.015118	1.54E+00	1.27078	0.199026	0.000197	0.016057	1.486059
259	488049.44	3856789.39	11.02612	42.27471	14.79876	11.09487	9.99E-01	0.17884	0.00028	0.0257	1.20403	1.26E+00	0.225727	0.000235	0.015001	1.50E+00	1.243191	0.194141	0.000192	0.015933	1.453457
260	488099.44	3856789.39	10.76426	40.93524	14.42956	11.15095	9.75E-01	0.17318	0.00027	0.02583	1.17475	1.23E+00	0.218575	0.000229	0.015077	1.47E+00	1.213667	0.18799	0.000187	0.016013	1.417857
261	488149.44	3856789.39	10.53671	39.16174	14.09805	11.00798	9.55E-01	0.16567	0.00026	0.0255	1.14629	1.21E+00	0.209105	0.000224	0.014884	1.43E+00	1.18801	0.179845	0.000183	0.015808	1.383847
262	488199.44	3856789.39	10.29697	38.10215	13.75158	10.87834	9.33E-01	0.16119	0.00026	0.0252	1.11978	1.18E+00	0.203447	0.000219	0.014709	1.40E+00	1.16098	0.174979	0.000179	0.015622	1.351759
263	488249.44	3856789.39	10.05503	38.1657	13.42779	10.69912	9.11E-01	0.16146	0.00025	0.02478	1.0977	1.15E+00	0.203787	0.000213	0.014466	1.37E+00	1.133701	0.175271	0.000174	0.015364	1.324511
264	488299.44	3856789.39	9.86517	38.12723	13.13922	10.47403	8.94E-01	0.1613	0.00025	0.02426	1.07981	1.13E+00	0.203581	0.000209	0.014162	1.35E+00	1.112295	0.175094	0.000171	0.015041	1.302601
265	488349.44	3856789.39	9.64938	36.661	12.8046	10.52523	8.74E-01	0.15509	0.00024	0.02438	1.05416	1.10E+00	0.195752	0.000204	0.014231	1.31E+00	1.087964	0.168361	0.000166	0.015115	1.271606
266	488399.44	3856789.39	9.44911	35.4177	12.50663	10.43739	8.56E-01	0.14983	0.00023	0.02417	1.03054	1.08E+00	0.189114	0.000199	0.014112	1.28E+00	1.065384	0.162651	0.000162	0.014989	1.243186
267	487949.44	3856839.39	11.89981	46.18367	16.01314	11.89968	1.08E+00	0.19538	0.0003	0.02756	1.30163	1.36E+00	0.246599	0.000254	0.01609	1.62E+00	1.3417	0.212093	0.000208	0.017089	1.571088
268	487999.44	3856839.39	11.62753	44.59928	15.60413	11.83726	1.05E+00	0.18868	0.00029	0.02742	1.2701	1.33E+00	0.238139	0.000248	0.016005	1.58E+00	1.311	0.204816	0.000203	0.016999	1.533018
269	488049.44	3856839.39	11.33192	43.23484	15.21437	11.60562	1.03E+00	0.18291	0.00028	0.02688	1.23699	1.30E+00	0.230853	0.000242	0.015692	1.54E+00	1.27767	0.19855	0.000197	0.016666	1.493084
270	488099.44	3856839.39	11.04774	41.83663	14.82962	11.54834	1.00E+00	0.17699	0.00028	0.02675	1.20519	1.26E+00	0.223388	0.000236	0.015615	1.50E+00	1.245629	0.192129	0.000192	0.016584	1.454535
271	488149.44	3856839.39	10.78889	41.6165	14.47604	11.51761	9.78E-01	0.17606	0.00027	0.02668	1.18072	1.23E+00	0.222212	0.00023	0.015573	1.47E+00	1.216444	0.191118	0.000188	0.01654	1.42429
272	488199.44	3856839.39	10.51549	40.78454	14.12136	11.42736	9.53E-01	0.17254	0.00026	0.02647	1.15221	1.20E+00	0.21777	0.000224	0.015451	1.44E+00	1.185618	0.187298	0.000183	0.01641	1.389509
273	487949.44	3856889.39	12.24455	47.07487	16.49901	12.31303	1.11E+00	0.19915	0.00031	0.02852	1.33761	1.40E+00	0.251357	0.000262	0.016649	1.67E+00	1.380569	0.216185	0.000214	0.017682	1.61465
274	487999.44	3856889.39	11.91812	45.74875	16.07156	12.44672	1.08E+00	0.19354	0.0003	0.02883	1.30272	1.36E+00	0.244276	0.000255	0.016829	1.62E+00	1.343764	0.210095	0.000209	0.017874	1.571942
275	488049.44	3856889.39	11.63264	45.4542	15.69409	12.29838	1.05E+00	0.19229	0.00029	0.02849	1.27525	1.33E+00	0.242704	0.000249	0.016629	1.59E+00	1.311576	0.208743	0.000204	0.017661	1.538184
276	488099.44	3856889.39	11.32655	43.85741	15.27164	12.23078	1.03E+00	0.18554	0.00029	0.02833	1.24059	1.30E+00	0.234178	0.000243	0.016537	1.55E+00	1.277065	0.20141	0.000198	0.017564	1.496236
277	488635.86	3857895.05	10.90591	30.0364	17.01958	20.80567	9.88E-01	0.12707	0.00032	0.04819	1.16389	1.25E+00	0.16038	0.00027	0.028132	1.44E+00	1.229638	0.137938	0.000221	0.029878	1.397675
278	489137.64	3857804.15	10.23473	25.4962	13.99118	16.00573	9.27E-01	0.10786	0.00026	0.03707	1.07269	1.17E+00	0.136138	0.000222	0.021641	1.33E+00	1.153962	0.117088	0.000182	0.022985	1.294217
279	488617.32	3857859.41	11.17637	30.78015	17.0862	20.53238	1.01E+00	0.13022	0.00032	0.04756	1.19092	1.28E+00	0.164351	0.000272	0.027762	1.47E+00	1.260132	0.141354	0.000222	0.029486	1.431193
280	488667.32	3857859.41	11.03509	30.48151	16.85535	19.86666	1.00E+00	0.12895	0.00032	0.04601	1.17531	1.26E+00	0.162757	0.000268	0.026862	1.45E+00	1.244203	0.139982	0.000219	0.02853	1.412933
281	488717.32	3857859.41	11.03635	29.91994	16.7301	19.3597	1.00E+00	0.12658	0.00031	0.04484	1.17187	1.26E+00	0.159758	0.000266	0.026176	1.45E+00	1.244345	0.137403	0.000217	0.027802	1.409767
282	488767.32	3857859.41	10.9599	28.82639	16.53592	18.9523	9.93E-01	0.12195	0.00031	0.0439	1.15937	1.25E+00	0.153919	0.000263	0.025626	1.43E+00	1.235725	0.132381	0.000215	0.027216	1.395538
283	488617.32	3857909.41	10.8812	30.27451	16.98724	21.2071	9.86E-01	0.12808	0.00032	0.04912	1.16359	1.24E+00	0.161651	0.00027	0.028674	1.44E+00	1.226852	0.139032	0.000221	0.030455	1.396558
284	488667.32	3857909.41	10.83713	29.44187	16.86394	20.79108	9.82E-01	0.12455	0.00032	0.04816	1.15511	1.24E+00	0.157205	0.000268	0.028112	1.43E+00	1.221883	0.135208	0.000219	0.029857	1.387167
285	488717.32	3857909.41	10.97906	29.2432	16.71184	20.15993	9.95E-01	0.12371	0.00031	0.04669	1.16567	1.26E+00	0.156145	0.000266	0.027258	1.44E+00	1.237885	0.134296	0.000217	0.028951	1.401349
286	488767.32	3857909.41	10.82763	28.39244	16.44528	19.63358	9.81E-01	0.12011	0.00031	0.04548	1.14712	1.24E+00	0.151602	0.000261	0.026547	1.42E+00	1.220812	0.130389	0.000213	0.028195	1.379609
287	488417.32	3857959.41	11.10464	29.64695	18.57403	25.49563	1.01E+00	0.12542	0.00035	0.05905	1.19115	1.27E+00	0.158301	0.000295	0.034473	1.46E+00	1.252044	0.13615	0.000241	0.036613	1.425048
288	488467.32	3857959.41	11.12939	29.34225	18.12997	24.52094	1.01E+00	0.12413	0.00034	0.0568	1.18984	1.27E+00	0.156674	0.000288	0.033155	1.46E+00	1.254835	0.134751	0.000235	0.035213	1.425034
289	488517.32	3857959.41	11.06474	29.42359	17.7772	23.62868	1.00E+00	0.12448	0.00033	0.05473	1.18225	1.27E+00	0.157108	0.000283	0.031949	1.45E+00	1.247546	0.135124	0.000231	0.033932	1.416832
290	488567.32	3857959.41	10.78915	29.56283	17.468	22.90173	9.78E-01	0.12507	0.00033	0.05304	1.15617	1.23E+00	0.157851	0.000278	0.030966	1.42E+00	1.216473	0.135763	0.000227	0.032888	1.385351
291	488617.32	3857959.41	10.84612	29.07457	17.17226	22.26879	9.83E-01	0.123	0.00032	0.05158	1.1578	1.24E+00	0.155244	0.000273	0.03011	1.43E+00	1.222896	0.133521	0.000223	0.031979	1.38862
292	488667.32	3857959.41	10.78224	29.07194	16.88629	21.68165	9.77E-01	0.12299	0.00032	0.05022	1.15063	1.23E+00	0.15523	0.000268	0.029316	1.42E+00	1.215694	0.133509	0.000219	0.031136	1.380558
293	488717.32	3857959.41	10.59785	28.52204	16.55137	21.04493	9.60E-01	0.12066	0.00031	0.04874	1.13012	1.21E+00	0.152294	0.000263	0.028455	1.39E+00	1.194904	0.130984	0.000215	0.030222	1.356324
294	488767.32	3857959.41	10.67767	27.887	16.4829	20.48153	9.68E-01	0.11798	0.00031	0.04744	1.13336	1.22E+00	0.148903	0.000262	0.027693	1.40E+00	1.203904	0.128067	0.000214	0.029413	1.361598
295	488417.32	3858009.41	10.99116	28.90258	18.90749	27.50705	9.96E-01	0.12227	0.00035	0.06371	1.18238	1.26E+00	0.154326	0.0003	0.037193	1.45E+00	1.23925	0.132731	0.000245	0.039502	1.411728
296	488467.32	3858009.41	10.88384	28.32253	18.45206	26.20823	9.86E-01	0.11982	0.00035	0.0607	1.16718	1.24E+00	0.151229	0.000293	0.035436	1.43E+00	1.227149	0.130068	0.00024	0.037636	1.395093
297	488517.32	3858009.41	10.95729	27.99719	17.75797	25.10164	9.93E-01	0.11844	0.00033	0.05814	1.16989	1.25E+00	0.149492	0.000282	0.03394	1.44E+00	1.235431	0.128573	0.000231	0.036047	1.400282
298	488567.32	3858009.41	10.93745	27.76379	17.49492	24.27059	9.91E-01	0.11745	0.00033	0.05622	1.16517	1.25E+00	0.148245	0.000278	0.032816	1.43E+00	1.233194	0.127502	0.000227	0.034854	1.395776
299	488617.32	3858009.41	10.67961	27.84294	17.20989	23.24586	9.68E-01	0.11779	0.00032	0.05384	1.13976	1.22E+00	0.148668	0.000274	0.031431	1.40E+00	1.204122	0.127865	0.000223	0.033382	1.365593
300	488667.32	3858009.41	10.704	27.9845	17.03941	22.51408	9.70E-01	0.11839	0.00032	0.05215	1.14087	1.22E+00	0.149424	0.000271	0.030441	1.40E+00	1.206872	0.128515	0.000221	0.032331	1.36794
301	488717.32	3858009.41	10.62063	27.3869	16.80729	21.94597	9.62E-01	0.11586	0.00031	0.05083	1.12947	1.21E+00	0.146233	0.000267	0.029673	1.39E+00	1.197472	0.125771	0.000218	0.031516	1.354977

302	488767.32	3858009.41	10.44203	27.16593	16.41635	21.31608	9.46E-01	0.11493	0.00031	0.04937	1.11088	1.19E+00	0.145053	0.000261	0.028822	1.37E+00	1.177335	0.124756	0.000213	0.030611	1.332915
303	488417.32	3858059.41	10.91339	26.97562	18.5117	29.84536	9.89E-01	0.11412	0.00035	0.06913	1.17259	1.25E+00	0.144037	0.000294	0.040354	1.43E+00	1.230481	0.123882	0.00024	0.04286	1.397463
304	488467.32	3858059.41	10.92201	27.51036	18.54871	28.45861	9.90E-01	0.11638	0.00035	0.06592	1.17242	1.25E+00	0.146892	0.000295	0.038479	1.43E+00	1.231453	0.126338	0.000241	0.040868	1.3989
305	488517.32	3858059.41	10.74613	27.54148	18.21988	26.82078	9.74E-01	0.11651	0.00034	0.06212	1.15281	1.23E+00	0.147058	0.00029	0.036265	1.41E+00	1.211622	0.126481	0.000237	0.038516	1.376856
306	488567.32	3858059.41	10.82488	26.95937	17.70187	25.45388	9.81E-01	0.11405	0.00033	0.05896	1.15431	1.24E+00	0.14395	0.000281	0.034416	1.42E+00	1.220502	0.123807	0.00023	0.036553	1.381092
307	488617.32	3858059.41	10.77072	26.4521	17.19068	24.39985	9.76E-01	0.11191	0.00032	0.05651	1.14481	1.23E+00	0.141242	0.000273	0.032991	1.41E+00	1.214395	0.121478	0.000223	0.035039	1.371135
308	488667.32	3858059.41	10.49833	26.46092	16.9735	23.53653	9.51E-01	0.11194	0.00032	0.05452	1.11816	1.20E+00	0.141289	0.00027	0.031824	1.37E+00	1.183683	0.121518	0.00022	0.0338	1.339222
309	488417.32	3858109.41	10.88085	24.5569	18.07126	30.60158	9.86E-01	0.10389	0.00034	0.07088	1.16115	1.24E+00	0.131122	0.000287	0.041377	1.42E+00	1.226812	0.112774	0.000235	0.043945	1.383767
310	488467.32	3858109.41	10.83385	25.54488	17.93544	30.07015	9.82E-01	0.10807	0.00034	0.06965	1.15984	1.24E+00	0.136397	0.000285	0.040658	1.42E+00	1.221513	0.117312	0.000233	0.043182	1.38224
311	488517.32	3858109.41	10.86311	25.81214	18.01355	28.69315	9.84E-01	0.1092	0.00034	0.06646	1.16043	1.24E+00	0.137824	0.000286	0.038796	1.42E+00	1.224812	0.118539	0.000234	0.041205	1.38479
312	488567.32	3858109.41	10.68604	26.4198	17.94236	27.31998	9.68E-01	0.11177	0.00034	0.06328	1.14377	1.22E+00	0.141069	0.000285	0.03694	1.40E+00	1.204847	0.12133	0.000233	0.039233	1.365643
313	488617.32	3858109.41	10.6608	26.31272	17.52267	26.03207	9.66E-01	0.11132	0.00033	0.0603	1.13804	1.22E+00	0.140497	0.000278	0.035198	1.40E+00	1.202002	0.120838	0.000227	0.037383	1.36045
314	488667.32	3858109.41	10.62427	25.78811	16.89389	24.77268	9.63E-01	0.1091	0.00032	0.05738	1.12958	1.22E+00	0.137696	0.000268	0.033495	1.39E+00	1.197883	0.118429	0.000219	0.035575	1.352106
315	488769.93	3858449.27	9.45799	17.63755	13.55824	23.05055	8.57E-01	0.07462	0.00025	0.05339	0.98536	1.08E+00	0.094176	0.000215	0.031167	1.21E+00	1.066385	0.080998	0.000176	0.033102	1.180661
316	488819.93	3858449.27	9.79035	18.44262	14.36888	23.91684	8.87E-01	0.07802	0.00027	0.0554	1.02091	1.12E+00	0.098475	0.000228	0.032338	1.25E+00	1.103859	0.084695	0.000187	0.034346	1.223086
317	488819.93	3858499.27	9.23947	16.92996	13.01825	22.42692	8.37E-01	0.07162	0.00024	0.05194	0.96111	1.06E+00	0.090398	0.000207	0.030324	1.18E+00	1.041747	0.077749	0.000169	0.032206	1.151871
318	488869.93	3858499.27	9.62198	18.00307	13.94589	23.10481	8.72E-01	0.07616	0.00026	0.05352	1.0019	1.10E+00	0.096128	0.000222	0.03124	1.23E+00	1.084875	0.082677	0.000181	0.03318	1.200912
319	488869.93	3858549.27	9.02355	16.25238	12.63425	21.76315	8.18E-01	0.06876	0.00024	0.05041	0.93713	1.03E+00	0.08678	0.000201	0.029426	1.15E+00	1.017402	0.074637	0.000164	0.031253	1.123456
320	489438.17	3859571.48	12.15093	13.86092	10.38184	18.64721	1.10E+00	0.05864	0.00019	0.04319	1.20317	1.39E+00	0.074011	0.000165	0.025213	1.49E+00	1.370013	0.063654	0.000135	0.026778	1.460581
321	489488.17	3859571.48	12.43224	14.03365	10.39857	18.63803	1.13E+00	0.05937	0.00019	0.04317	1.22937	1.42E+00	0.074933	0.000165	0.025201	1.52E+00	1.401731	0.064448	0.000135	0.026765	1.493079
322	489538.17	3859571.48	12.40562	14.20401	10.27855	18.98184	1.12E+00	0.06009	0.00019	0.04397	1.22847	1.42E+00	0.075843	0.000163	0.025666	1.52E+00	1.398729	0.06523	0.000133	0.027259	1.491352
323	489588.17	3859571.48	12.14406	14.0999	10.38117	18.96046	1.10E+00	0.05965	0.00019	0.04392	1.20428	1.39E+00	0.075287	0.000165	0.025637	1.49E+00	1.369239	0.064752	0.000135	0.027228	1.461354
324	489438.17	3859621.48	11.90791	13.44886	10.06436	18.23902	1.08E+00	0.0569	0.00019	0.04225	1.17845	1.36E+00	0.07181	0.00016	0.024661	1.46E+00	1.342613	0.061762	0.000131	0.026192	1.430698
325	489488.17	3859621.48	11.95612	13.68586	10.30188	18.3784	1.08E+00	0.0579	0.00019	0.04257	1.18415	1.37E+00	0.073076	0.000164	0.02485	1.47E+00	1.348048	0.062851	0.000134	0.026392	1.437425
326	489538.17	3859621.48	12.16802	13.86877	10.30973	18.32364	1.10E+00	0.05867	0.00019	0.04244	1.204	1.39E+00	0.074053	0.000164	0.024776	1.49E+00	1.37194	0.063691	0.000134	0.026314	1.462078
327	489588.17	3859621.48	12.15733	14.03715	10.16487	18.68644	1.10E+00	0.05938	0.00019	0.04328	1.20458	1.39E+00	0.074952	0.000162	0.025266	1.49E+00	1.370735	0.064464	0.000132	0.026835	1.462165
328	489238.17	3859671.48	10.52409	13.36243	9.67967	17.77649	9.54E-01	0.05653	0.00018	0.04117	1.0516	1.20E+00	0.071349	0.000154	0.024036	1.30E+00	1.186588	0.061365	0.000126	0.025528	1.273606
329	489288.17	3859671.48	10.56981	13.34004	9.90247	17.50883	9.58E-01	0.05644	0.00019	0.04055	1.05503	1.21E+00	0.071229	0.000157	0.023674	1.30E+00	1.191742	0.061262	0.000129	0.025144	1.278277
330	489338.17	3859671.48	10.83464	12.9751	9.55109	17.10647	9.82E-01	0.05489	0.00018	0.03962	1.07655	1.24E+00	0.069281	0.000152	0.02313	1.33E+00	1.221602	0.059586	0.000124	0.024566	1.305878
331	489388.17	3859671.48	11.04371	12.81429	9.61629	16.95246	1.00E+00	0.05421	0.00018	0.03927	1.09446	1.26E+00	0.068422	0.000153	0.022922	1.35E+00	1.245175	0.058848	0.000125	0.024345	1.328492
332	489438.17	3859671.48	11.40898	12.94532	9.76075	17.44057	1.03E+00	0.05477	0.00018	0.0404	1.12925	1.30E+00	0.069122	0.000155	0.023582	1.40E+00	1.286359	0.05945	0.000127	0.025046	1.370981
333	489488.17	3859671.48	11.72967	13.34515	9.95968	18.01341	1.06E+00	0.05646	0.00019	0.04172	1.16133	1.34E+00	0.071257	0.000158	0.024356	1.44E+00	1.322516	0.061286	0.000129	0.025868	1.4098
334	489538.17	3859671.48	11.76303	13.54972	10.23211	18.06854	1.07E+00	0.05732	0.00019	0.04185	1.16535	1.35E+00	0.072349	0.000163	0.024431	1.44E+00	1.326278	0.062225	0.000133	0.025947	1.414583
335	489588.17	3859671.48	11.94836	13.74735	10.24096	17.98137	1.08E+00	0.05816	0.00019	0.04165	1.18278	1.37E+00	0.073404	0.000163	0.024313	1.46E+00	1.347174	0.063133	0.000133	0.025822	1.436262
336	489238.17	3859721.48	10.21561	13.08896	9.23019	17.08503	9.26E-01	0.05537	0.00017	0.03957	1.02088	1.17E+00	0.069889	0.000147	0.023101	1.26E+00	1.151807	0.060109	0.00012	0.024535	1.236571
337	489288.17	3859721.48	10.38344	13.15026	9.61736	17.58923	9.41E-01	0.05563	0.00018	0.04074	1.03752	1.19E+00	0.070216	0.000153	0.023783	1.28E+00	1.170729	0.060391	0.000125	0.025259	1.256504
338	489338.17	3859721.48	10.40593	13.14313	9.7901	17.13461	9.43E-01	0.0556	0.00018	0.03969	1.03848	1.19E+00	0.070178	0.000156	0.023168	1.28E+00	1.173265	0.060358	0.000127	0.024606	1.258356
339	489388.17	3859721.48	10.77387	12.91529	9.54759	16.86496	9.76E-01	0.05464	0.00018	0.03906	1.07023	1.23E+00	0.068961	0.000152	0.022803	1.32E+00	1.21475	0.059312	0.000124	0.024219	1.298405
340	489438.17	3859721.48	10.97569	12.74138	9.6148	16.61533	9.95E-01	0.0539	0.00018	0.03848	1.08721	1.26E+00	0.068033	0.000153	0.022466	1.35E+00	1.237505	0.058513	0.000125	0.02386	1.320004
341	489488.17	3859721.48	11.22552	12.83382	9.7061	17.18886	1.02E+00	0.05429	0.00018	0.03981	1.11157	1.28E+00	0.068526	0.000154	0.023241	1.38E+00	1.265674	0.058938	0.000126	0.024684	1.349421
342	489538.17	3859721.48	11.54871	13.20822	9.85659	17.77632	1.05E+00	0.05588	0.00018	0.04117	1.1438	1.32E+00	0.070526	0.000157	0.024036	1.42E+00	1.302113	0.060657	0.000128	0.025528	1.388426
343	489588.17	3859721.48	11.5736	13.40961	10.15335	17.74349	1.05E+00	0.05673	0.00019	0.0411	1.14684	1.32E+00	0.071601	0.000161	0.023991	1.42E+00	1.304919	0.061582	0.000132	0.025481	1.392114
344	489238.17	3859771.48	9.9469	12.80315	9.20113	16.79211	9.01E-01	0.05416	0.00017	0.03889	0.99464	1.14E+00	0.068363	0.000146	0.022705	1.23E+00	1.12151	0.058797	0.000119	0.024114	1.20454
345	489288.17	3859771.48	10.10968	12.87388	9.15232	16.94427	9.16E-01	0.05446	0.00017	0.03925	1.01004	1.16E+00	0.06874	0.000145	0.02291	1.25E+00	1.139863	0.059122	0.000119	0.024333	1.223436
346	489338.17	3859771.48	10.20863	12.90006	9.51519	17.22845	9.25E-01	0.05457	0.00018	0.0399	1.01978	1.17E+00	0.06888	0.000151	0.023295	1.26E+00	1.15102	0.059242	0.000124	0.024741	1.235126
347	489388.17	3859771.48	10.23995	12.89657	9.67991	16.81461	9.28E-01	0.05456	0.00018	0.03895	1.02165	1.17E+00	0.068862	0.000154	0.022735	1.26E+00	1.154551	0.059226	0.000126	0.024147	1.238049
348	489438.17	3859771.48	10.66197	12.74656	9.48558	16.5236	9.66E-01	0.05392	0.00018	0.03827	1.05858	1.22E+00	0.068061	0.000151	0.022342	1.31E+00	1.202133	0.058537	0.000123	0.023729	1.284522
349	489488.17	3859771.48	10.85961	12.73965	9.58179	16.36412	9.84E-01	0.0539	0.00018	0.0379	1.0761	1.24E+00	0.068024	0.000152	0.022126	1.33E+00	1.224417	0.058505	0.000124	0.0235	1.306547
350	489538.17	3859771.48	11.05976	12.72318	9.62793	16.89096	1.00E+00	0.05383	0.00018	0.03912	1.09539	1.26E+00	0.067936	0.000153	0.022838	1.36E+00	1.246984	0.05843	0.000125	0.024256	1.329795
351	489588.17	3859771.48	11.36825	13.04827	9.75631	17.52897	1.03E+00	0.0552	0.00018	0.0406	1.1262	1.30E+00	0.069672	0.000155	0.023701	1.39E+00	1.281766	0.059923	0.000127	0.025173	1.366988
352	489238.17	3859821.48	9.73003	12.12907	9.22107	15.92433	8.82E-01	0.05131	0.00017	0.03688	0.97012	1.11E+00	0.064763	0.000147	0.021531	1.20E+00	1.097058	0.055701	0.00012	0.022868	1.175747
353	489288.17	3859821.48	9.82231	12.74187	9.06606	16.50326	8.90E-01	0.0539	0.00017	0.03822	0.98242	1.12E+00	0.068035	0.000144	0.022314	1.21E+00	1.107462	0.058515	0.000118	0.0237	1.189795
354	489338.17	3859821.48	9.9124	12.70709	9.05967	16.71328	8.98E-01	0.05376	0.00017	0.03871	0.99092	1.13E+00	0.06785	0.000144	0.022598	1.22E+00	1.11762	0.058356	0.000118	0.024001	1.200094
355	489388.17	3859821.48	10.06497	12.76758	9.40237	16.80645	9.12E-01	0.05401	0.00018	0.03893	1.00523	1.15E+00	0.068173	0.000149	0.022724	1.24E+00	1.134822	0.058633	0.000122	0.024135	1.217712
356	489438.17	3859821.48	10.09243	12.68864	9.57861	16.50402	9.15E-01	0.05368	0.00018	0.03823	1.00668	1.15E+00	0.067751	0.000152	0.022315	1.24E+00	1.137918	0.058271	0.000124	0.023701	1.220014
357	489488.17	3859821.48	10.56693	12.568	9.43961	16.18997	9.58E-01	0.05317	0.00018	0.0375	1.04844	1.21E+00	0.067107	0.00015	0.021891	1.30E+00	1.191418	0.057717	0.000123	0.02325	1.272507
358	489538.17	3859821.48	10.7364	12.68166	9.5388	16.13461	9.73E-01	0.05365	0.00018	0.03737	1.06415	1.23E+00	0.067714	0.000152	0.021816	1.32E+00	1.210525	0.058239	0.000124	0.02317	1.292058
359	489588.17	3859821.48	10.90397	12.60865	9.52616	16.59177	9.88E-01	0.05334	0.00018	0.03843	1.08009	1.25E+00	0.067324	0.000151	0.022434	1.34E+00	1.229419	0.057904	0.000124	0.023827	1.311273
360	489238.17	3859871.48	9.45403	11.91402	9.08955	15.0787	8.57E-01	0.0504	0.00017	0.03493	0.94224	1.08E+00	0.063615	0.000144	0.020388	1.17E+00	1.065939	0.054714	0.000118	0.021654	1.142424
361	489288.17	3859871.48	9.6184	12.14699	9.08275	15.82147	8.72E-01	0.05139	0.00017	0.03665	0.95984	1.10E+00	0.064859	0.000144	0.021392	1.19E+00	1.084471	0.055783	0.000118	0.02272	1.163093
362	489338.17	3859871.48	9.68332	12.50759	8.9021	16.19663	8.78E-01	0.05291	0.00017	0.03751	0.96812	1.11E+00	0.066785	0.000141	0.0219	1.20E+00	1.091791	0.057439	0.000116	0.023259	1.172605

363	489388.17	3859871.48	9.77035	12.65978	8.957	16.48569		8.85E-01	0.05356	0.00017	0.03818	0.97732		1.12E+00	0.067597	0.000142	0.02229	1.21E+00		1.101604	0.058138	0.000116	0.023674	1.183533						
364	489438.17	3859871.48	9.96952	12.61222	9.33136	16.31527		9.03E-01	0.05336	0.00017	0.03779	0.99478		1.14E+00	0.067343	0.000148	0.02206	1.23E+00		1.12406	0.05792	0.000121	0.02343	1.205531						
365	489488.17	3859871.48	10.01399	12.54774	9.52144	16.05141		9.07E-01	0.05308	0.00018	0.03718	0.99793		1.15E+00	0.066999	0.000151	0.021703	1.23E+00		1.129074	0.057624	0.000124	0.023051	1.209872						
366	489538.17	3859871.48	10.43157	12.42136	9.38185	15.74327		9.45E-01	0.05255	0.00018	0.03646	1.03452		1.19E+00	0.066324	0.000149	0.021287	1.28E+00		1.176156	0.057043	0.000122	0.022608	1.255929						
367	489588.17	3859871.48	10.6068	12.50957	9.44567	15.89205		9.61E-01	0.05292	0.00018	0.03681	1.05112		1.21E+00	0.066795	0.00015	0.021488	1.30E+00		1.195913	0.057449	0.000123	0.022822	1.276306						
368	489238.17	3859921.48	9.18159	11.59856	8.9941	15.6049		8.32E-01	0.04907	0.00017	0.03614	0.91744		1.05E+00	0.061931	0.000143	0.0211	1.13E+00		1.035221	0.053265	0.000117	0.022409	1.111012						
369	489288.17	3859921.48	9.44454	11.72459	9.02435	14.85795		8.56E-01	0.0496	0.00017	0.03441	0.94007		1.08E+00	0.062604	0.000143	0.02009	1.16E+00		1.064869	0.053844	0.000117	0.021337	1.140166						
370	489338.17	3859921.48	9.51092	12.10677	8.972	15.66877		8.62E-01	0.05122	0.00017	0.03629	0.94958		1.09E+00	0.064644	0.000143	0.021186	1.17E+00		1.072353	0.055599	0.000116	0.022501	1.150569						
371	489388.17	3859921.48	9.57959	12.42497	8.83365	15.86702		8.68E-01	0.05256	0.00017	0.03675	0.9576		1.10E+00	0.066343	0.00014	0.021454	1.18E+00		1.080095	0.05706	0.000115	0.022786	1.160056						
372	489438.17	3859921.48	9.69874	12.60686	8.91645	16.17045		8.79E-01	0.05333	0.00017	0.03745	0.96987		1.11E+00	0.067315	0.000142	0.021864	1.20E+00		1.09353	0.057895	0.000116	0.023222	1.174762						
373	489488.17	3859921.48	9.83517	12.47486	9.27333	15.83174		8.91E-01	0.05278	0.00017	0.03667	0.9809		1.12E+00	0.06661	0.000147	0.021406	1.21E+00		1.108912	0.057289	0.00012	0.022735	1.189057						
374	489538.17	3859921.48	9.8905	12.32124	9.39853	15.66896		8.96E-01	0.05213	0.00018	0.03629	0.98489		1.13E+00	0.06579	0.000149	0.021186	1.22E+00		1.11515	0.056584	0.000122	0.022501	1.194358						
375	489588.17	3859921.48	10.28375	12.22968	9.32508	15.38588		9.32E-01	0.05174	0.00017	0.03564	1.01948		1.18E+00	0.065301	0.000148	0.020803	1.26E+00		1.159489	0.056163	0.000121	0.022095	1.237869						
376	489238.17	3859971.48	8.89415	11.19293	8.91301	14.97751		8.06E-01	0.04735	0.00017	0.03469	0.88822		1.02E+00	0.059765	0.000142	0.020251	1.10E+00		1.002812	0.051402	0.000116	0.021508	1.075839						
377	489288.17	3859971.48	9.13534	11.59625	8.90605	15.08503		8.28E-01	0.04906	0.00017	0.03494	0.91203		1.04E+00	0.061918	0.000142	0.020397	1.13E+00		1.030006	0.053254	0.000116	0.021663	1.105039						
378	489338.17	3859971.48	9.37383	11.50371	8.94297	14.70532		8.49E-01	0.04867	0.00017	0.03406	0.93237		1.07E+00	0.061424	0.000142	0.019883	1.15E+00		1.056896	0.052829	0.000116	0.021118	1.130959						
379	489388.17	3859971.48	9.43816	12.14174	8.89425	15.47381		8.55E-01	0.05137	0.00017	0.03584	0.94268		1.08E+00	0.064831	0.000141	0.020922	1.17E+00		1.064149	0.055759	0.000115	0.022221	1.142245						
380	489438.17	3859971.48	9.49695	12.40272	8.7902	15.60648		8.61E-01	0.05247	0.00016	0.03615	0.94942		1.09E+00	0.066225	0.00014	0.021102	1.17E+00		1.070778	0.056958	0.000114	0.022412	1.150262						
381	489488.17	3859971.48	9.74599	12.56392	8.8923	16.32589		8.83E-01	0.05315	0.00017	0.03781	0.97433		1.11E+00	0.067085	0.000141	0.022074	1.20E+00		1.098857	0.057698	0.000115	0.023445	1.180115						
382	489538.17	3859971.48	9.91181	12.47423	9.25546	16.28844		8.98E-01	0.05277	0.00017	0.03773	0.9889		1.13E+00	0.066606	0.000147	0.022024	1.22E+00		1.117553	0.057286	0.00012	0.023391	1.198351						
383	489588.17	3859971.48	9.93796	12.40116	9.39854	15.95121		9.01E-01	0.05246	0.00018	0.03695	0.99018		1.14E+00	0.066216	0.000149	0.021568	1.22E+00		1.120502	0.056951	0.000122	0.022907	1.200481						
384	483577.7	3854071	15.15288	30.311	19.69389	14.44132		1.37E+00	0.12823	0.00037	0.03345	1.53523		1.73E+00	0.161846	0.000313	0.019526	1.91E+00		1.708482	0.139199	0.000256	0.020738	1.868676						
385	483627.7	3854071	15.35617	29.2715	20.12211	16.0833		1.39E+00	0.12383	0.00038	0.03725	1.55307		1.76E+00	0.156296	0.00032	0.021746	1.93E+00		1.731403	0.134426	0.000261	0.023096	1.889186						
386	483677.7	3854071	15.67938	28.52507	20.22833	15.89204		1.42E+00	0.12068	0.00038	0.03681	1.57876		1.79E+00	0.15231	0.000321	0.021488	1.97E+00		1.767845	0.130998	0.000263	0.022822	1.921927						
387	483727.7	3854071	15.66549	28.81736	20.94358	15.0774		1.42E+00	0.12191	0.00039	0.03492	1.57687		1.79E+00	0.153871	0.000333	0.020386	1.97E+00		1.766279	0.13234	0.000272	0.021652	1.920542						
388	483777.7	3854071	15.93135	28.91978	21.27755	14.49678		1.44E+00	0.12235	0.0004	0.03358	1.60005		1.82E+00	0.154418	0.000338	0.019601	2.00E+00		1.796254	0.13281	0.000276	0.020818	1.950159						
389	483577.7	3854121	15.28298	31.82194	19.71655	13.02525		1.38E+00	0.13462	0.00037	0.03017	1.55014		1.75E+00	0.169914	0.000313	0.017612	1.94E+00		1.723151	0.146138	0.000256	0.018705	1.88825						
390	483627.7	3854121	15.53381	31.64227	20.25781	14.04535		1.41E+00	0.13386	0.00038	0.03253	1.57448		1.78E+00	0.168955	0.000322	0.018991	1.96E+00		1.751432	0.145313	0.000263	0.02017	1.917178						
391	483677.7	3854121	15.86881	30.75705	20.8854	14.93254		1.44E+00	0.13012	0.00039	0.03459	1.60316		1.82E+00	0.164228	0.000332	0.02019	2.00E+00		1.789203	0.141248	0.000271	0.021444	1.952166						
392	483727.7	3854121	16.28149	30.88682	21.4232	15.13182		1.48E+00	0.13067	0.0004	0.03505	1.64158		1.86E+00	0.164921	0.00034	0.02046	2.05E+00		1.835732	0.141844	0.000278	0.02173	1.999584						
393	483777.7	3854121	16.32936	31.49352	21.95806	14.09873		1.48E+00	0.13323	0.00041	0.03266	1.6461		1.87E+00	0.16816	0.000349	0.019063	2.06E+00		1.84113	0.14463	0.000285	0.020247	2.006291						
394	483577.7	3854171	15.47021	32.92415	19.76162	12.27476		1.40E+00	0.13929	0.00037	0.02843	1.57003		1.77E+00	0.175799	0.000314	0.016597	1.96E+00		1.744261	0.1512	0.000257	0.017627	1.913345						
395	483627.7	3854171	15.94639	34.53832	20.53191	12.10797		1.45E+00	0.14611	0.00038	0.02804	1.61964		1.82E+00	0.184418	0.000326	0.016371	2.03E+00		1.79795	0.158613	0.000267	0.017388	1.974217						
396	483677.7	3854171	16.20059	33.61449	21.25219	12.72914		1.47E+00	0.14221	0.0004	0.02948	1.64022		1.85E+00	0.179485	0.000338	0.017211	2.05E+00		1.826611	0.15437	0.000276	0.01828	1.999537						
397	483727.7	3854171	16.43672	33.34142	21.92968	13.38749		1.49E+00	0.14105	0.00041	0.03101	1.662		1.88E+00	0.178027	0.000349	0.018101	2.08E+00		1.853235	0.153116	0.000285	0.019225	2.025861						
398	483777.7	3854171	16.87504	32.65902	22.13359	13.88179		1.53E+00	0.13816	0.00041	0.03215	1.69998		1.93E+00	0.174384	0.000352	0.01877	2.12E+00		1.902655	0.149982	0.000287	0.019935	2.07286						
399	483827.7	3854171	17.06721	32.81126	22.95271	13.03339		1.55E+00	0.13881	0.00043	0.03019	1.71609		1.95E+00	0.175196	0.000365	0.017623	2.15E+00		1.924322	0.150681	0.000298	0.018717	2.094018						
400	483877.7	3854171	17.20993	31.99324	23.46529	12.30508		1.56E+00	0.13535	0.00044	0.0285	1.72389		1.97E+00	0.170829	0.000373	0.016638	2.16E+00		1.940414	0.146925	0.000305	0.017671	2.105314						
401	483727.7	3854221	16.7379	35.61979	21.96043	11.57334		1.52E+00	0.15069	0.00041	0.02681	1.69473		1.91E+00	0.190193	0.000349	0.015648	2.12E+00		1.887192	0.163579	0.000285	0.01662	2.067677						
402	483777.7	3854221	17.05913	34.41145	22.88259	12.05627		1.55E+00	0.14558	0.00043	0.02792	1.71987		1.95E+00	0.183741	0.000364	0.016301	2.15E+00		1.923411	0.15803	0.000297	0.017313	2.099052						
403	483827.7	3854221	17.27367	35.24689	22.96616	12.90554		1.57E+00	0.14911	0.00043	0.02989	1.74481		1.98E+00	0.188202	0.000365	0.01745	2.18E+00		1.9476	0.161867	0.000298	0.018533	2.128298						
404	483877.7	3854221	17.5698	34.16959	23.66299	12.53655		1.59E+00	0.14455	0.00044	0.02904	1.76625		2.01E+00	0.182449	0.000376	0.016951	2.21E+00		1.980989	0.156919	0.000307	0.018003	2.156219						
405	489150.19	3858726.45	9.31349	16.59521	12.68194	21.08163		8.44E-01	0.07021	0.00024	0.04883	0.96328		1.07E+00	0.08861	0.000202	0.028505	1.18E+00		1.050093	0.076211	0.000165	0.030274	1.156743						
406	489200.19	3858726.45	9.34753	16.6311	12.62705	20.87611		8.47E-01	0.07036	0.00024	0.04835	0.96604		1.07E+00	0.088802	0.000201	0.028227	1.19E+00		1.053931	0.076376	0.000164	0.029979	1.16045						
407	489150.19	3858776.45	8.90172	15.2227	12.01624	19.80213		8.07E-01	0.0644	0.00022	0.04587	0.91718		1.02E+00	0.081282	0.000191	0.026775	1.13E+00		1.003666	0.069908	0.000156	0.028437	1.102167						
408	489200.19	3858776.45	9.1346	16.07323	12.3481	20.55362		8.28E-01	0.068	0.00023	0.04761	0.94363		1.04E+00	0.085823	0.000196	0.027791	1.16E+00		1.029923	0.073814	0.00016	0.029516	1.133414						
409	488919.6	3856400.76	6.86118	22.43125	9.18192	6.49693		6.22E-01	0.0949	0.00017	0.01505	0.73189		7.85E-01	0.119772	0.000146	0.008785	9.13E-01		0.773596	0.103013	0.000119	0.00933	0.886057						
410	488919.6	3856450.76	6.91365	22.88127	9.27343	6.7777		6.27E-01	0.0968	0.00017	0.0157	0.7392		7.91E-01	0.122175	0.000147	0.009164	9.22E-01		0.779512	0.105079	0.00012	0.009733	0.894444						
411	488969.6	3856450.76	6.82648	22.40512	9.14978	6.72391		6.19E-01	0.09479	0.00017	0.01557	0.72916		7.81E-01	0.119633	0.000145	0.009091	9.10E-01		0.769683	0.102893	0.000119	0.009656	0.882351						
412	488919.6	3856500.76	6.96459	23.17759	9.4024	7.09869		6.31E-01	0.09805	0.00018	0.01644	0.74582		7.97E-01	0.123757	0.000149	0.009598	9.30E-01		0.785255	0.10644	0.000122	0.010194	0.902011						
413	488969.6	3856500.76	6.87169	22.66777	9.25353	7.04606		6.23E-01	0.0959	0.00017	0.01632	0.73512		7.86E-01	0.121035	0.000147	0.009527	9.17E-01		0.774781	0.104099	0.00012	0.010119	0.889118						
414	488919.6	3856550.76	7.05607	24.29709	9.5377	7.48806		6.39E-01	0.10279	0.00018	0.01734	0.75975		8.07E-01	0.129735	0.000152	0.010125	9.47E-01		0.795569	0.111581	0.000124	0.010753	0.918028						
415	488969.6	3856550.76	6.96079	24.27418	9.40638	7.35483		6.31E-01	0.10269	0.00018	0.01704	0.7507		7.96E-01	0.129612	0.000149	0.009945	9.36E-01		0.784827	0.111476	0.000122	0.010562	0.906987						
416	488819.6	3856600.76	7.38511	26.21172	10.00241	7.86021		6.69E-01	0.11089	0.00019	0.01821	0.79854		8.45E-01	0.139958	0.000159	0.010628	9.95E-01		0.832669	0.120374	0.00013	0.011288	0.96446						
417	488869.6	3856600.76	7.25303	26.03834	9.85232	7.79806		6.57E-01	0.11016	0.00018	0.01806	0.78569		8.30E-01	0.139032	0.000157	0.010544	9.79E-01		0.817777	0.119578	0.000128	0.011198	0.948681						
418	488919.6	3856600.76	7.13435	25.91614	9.69176	7.78006		6.47E-01	0.10964	0.00018	0.01802	0.77437		8.16E-01	0.13838	0.000154	0.010519	9.65E-01		0.804396	0.119017	0.000126	0.011173	0.93471						
419	488819.6	3856650.76	7.51242	27.49175	10.13177	8.17716		6.81E-01	0.1163	0.00019	0.01894	0.81622		8.59E-01	0.146793	0.000161	0.011056	1.02E+00		0.847023	0.126252	0.000132	0.011743	0.985149						
420	488869.6	3856650.76	7.38322	26.75776	9.98518	8.06216		6.69E-01	0.1132	0.00019	0.01867	0.80114		8.44E-01	0.142874	0.000159	0.010901	9.98E-01		0.832456	0.122882	0.00013	0.011578	0.967044						
421	488819.6	3856700.76	7.66728	27.47206	10.29479	8.56274		6.95E-01	0.11622	0.00019	0.01983	0.83107		8.77E-01	0.146688	0.000164	0.011578	1.04E+00		0.864483	0.126162	0.000134	0.012297	1.003075						
422	488869.6	3856700.76	7.51862	26.96482	10.13828	8.46552		6.81E-01	0.11407	0.00019	0.01961	0.81523		8.60E-01	0.143979	0.000161	0.011446	1.02E+00		0.847722	0.123832	0.000132	0.012157	0.983843						
423	488819.6	3856750.76	7.892	27.86629	10.49299	8.81162		7.15E-01	0.11789	0.0002	0.02041	0.85368		9.03E-01	0.148793	0.000167	0.011914	1.06E+00		0.88982	0.127972	0.000136	0.012654	1.030583						

424	488869.6	3856750.76	7.73326	26.80767	10.31997	8.73852	7.01E-01	0.11341	0.00019	0.02024	0.83465	8.85E-01	0.14314	0.000164	0.011815	1.04E+00	0.871922	0.123111	0.000134	0.012549	1.007716
425	488819.6	3857050.76	8.78756	31.55261	11.93077	11.40813	7.96E-01	0.13348	0.00022	0.02642	0.95648	1.01E+00	0.168476	0.00019	0.015425	1.19E+00	0.990794	0.144901	0.000155	0.016383	1.152233
426	488869.6	3857050.76	8.63144	30.49026	11.70036	11.22731	7.82E-01	0.12899	0.00022	0.026	0.93741	9.87E-01	0.162803	0.000186	0.015181	1.17E+00	0.973192	0.140023	0.000152	0.016123	1.129489
427	488919.6	3857050.76	8.49619	29.47549	11.44481	11.02879	7.70E-01	0.1247	0.00021	0.02554	0.9204	9.72E-01	0.157385	0.000182	0.014912	1.14E+00	0.957943	0.135362	0.000149	0.015838	1.109291
428	488819.6	3857100.76	8.94629	30.88182	12.19086	11.82699	8.11E-01	0.13065	0.00023	0.02739	0.969	1.02E+00	0.164894	0.000194	0.015991	1.20E+00	1.008691	0.141821	0.000158	0.016984	1.167654
429	488869.6	3857100.76	8.78391	30.10511	11.93065	11.62224	7.96E-01	0.12736	0.00022	0.02692	0.95052	1.00E+00	0.160747	0.00019	0.015715	1.18E+00	0.990383	0.138254	0.000155	0.01669	1.145482
430	488919.6	3857100.76	8.60319	29.30166	11.69644	11.4695	7.80E-01	0.12396	0.00022	0.02657	0.93038	9.84E-01	0.156457	0.000186	0.015508	1.16E+00	0.970007	0.134564	0.000152	0.016471	1.121193
431	488819.6	3857150.76	9.09148	30.95296	12.44664	12.18196	8.24E-01	0.13095	0.00023	0.02822	0.98328	1.04E+00	0.165274	0.000198	0.016471	1.22E+00	1.025061	0.142147	0.000162	0.017494	1.184864
432	488869.6	3857150.76	8.8869	30.10662	12.19059	12.02827	8.05E-01	0.12737	0.00023	0.02786	0.9608	1.02E+00	0.160755	0.000194	0.016264	1.19E+00	1.001995	0.138261	0.000158	0.017273	1.157687
433	488919.6	3857150.76	8.72767	29.24677	11.9391	11.85722	7.91E-01	0.12373	0.00022	0.02746	0.94234	9.98E-01	0.156164	0.00019	0.016032	1.17E+00	0.984042	0.134312	0.000155	0.017028	1.135536
434	488969.6	3857150.76	8.57933	28.42038	11.69341	11.65186	7.77E-01	0.12023	0.00022	0.02699	0.92492	9.81E-01	0.151751	0.000186	0.015755	1.15E+00	0.967317	0.130517	0.000152	0.016733	1.114718
435	488819.6	3857200.76	9.33342	31.63043	12.59435	12.60516	8.46E-01	0.13381	0.00024	0.0292	1.00906	1.07E+00	0.168891	0.0002	0.017044	1.25E+00	1.05234	0.145259	0.000163	0.018102	1.215864
436	488869.6	3857200.76	9.11733	30.70052	12.3688	12.42361	8.26E-01	0.12988	0.00023	0.02878	0.98512	1.04E+00	0.163926	0.000197	0.016798	1.22E+00	1.027976	0.140988	0.000161	0.017841	1.186966
437	488919.6	3857200.76	8.89545	29.92022	12.15948	12.22685	8.06E-01	0.12658	0.00023	0.02832	0.96125	1.02E+00	0.15976	0.000193	0.016532	1.19E+00	1.002959	0.137405	0.000158	0.017558	1.15808
438	488969.6	3857200.76	8.70718	29.02602	11.93485	12.02363	7.89E-01	0.12279	0.00022	0.02785	0.93993	9.96E-01	0.154985	0.00019	0.016257	1.17E+00	0.981732	0.133298	0.000155	0.017267	1.132451
439	488819.6	3857250.76	9.59879	31.31506	12.83316	13.02771	8.70E-01	0.13248	0.00024	0.03017	1.03276	1.10E+00	0.167207	0.000204	0.017615	1.28E+00	1.08226	0.14381	0.000167	0.018708	1.244946
440	488869.6	3857250.76	9.34658	30.34069	12.5455	12.83011	8.47E-01	0.12836	0.00023	0.02972	1.00532	1.07E+00	0.162005	0.000199	0.017348	1.25E+00	1.053824	0.139336	0.000163	0.018425	1.211747
441	488919.6	3857250.76	9.12438	29.45096	12.28784	12.62693	8.27E-01	0.12459	0.00023	0.02925	0.98094	1.04E+00	0.157254	0.000195	0.017073	1.22E+00	1.028771	0.13525	0.00016	0.018133	1.182313
442	488969.6	3857250.76	8.93062	28.52986	12.07592	12.4557	8.09E-01	0.1207	0.00023	0.02885	0.95908	1.02E+00	0.152336	0.000192	0.016841	1.19E+00	1.006924	0.13102	0.000157	0.017887	1.155988
443	488819.6	3857300.76	9.80971	30.74702	13.0694	13.45599	8.89E-01	0.13008	0.00024	0.03117	1.05046	1.12E+00	0.164174	0.000208	0.018194	1.30E+00	1.106041	0.141202	0.00017	0.019324	1.266736
444	488869.6	3857300.76	9.54394	29.7434	12.78369	13.24542	8.65E-01	0.12583	0.00024	0.03068	1.02164	1.09E+00	0.158816	0.000203	0.017909	1.27E+00	1.076076	0.136593	0.000166	0.019021	1.231856
445	488919.6	3857300.76	9.3312	28.7737	12.49983	13.08821	8.46E-01	0.12173	0.00023	0.03031	0.99789	1.07E+00	0.153638	0.000199	0.017697	1.24E+00	1.05209	0.13214	0.000162	0.018795	1.203187
446	488819.6	3857450.76	10.37043	31.18208	14.09956	14.79306	9.40E-01	0.13192	0.00026	0.03426	1.10623	1.19E+00	0.166497	0.000224	0.020002	1.37E+00	1.169262	0.1432	0.000183	0.021244	1.333889
447	488869.6	3857450.76	10.14317	30.28818	13.76048	14.45427	9.19E-01	0.12813	0.00026	0.03348	1.08107	1.16E+00	0.161724	0.000219	0.019544	1.34E+00	1.143639	0.139095	0.000179	0.020757	1.303669
448	488919.6	3857450.76	9.94003	29.48541	13.39137	14.22115	9.01E-01	0.12474	0.00025	0.03294	1.05871	1.14E+00	0.157438	0.000213	0.019229	1.31E+00	1.120735	0.135408	0.000174	0.020422	1.276739
449	488819.6	3857500.76	10.50705	30.73444	14.50888	15.45273	9.52E-01	0.13002	0.00027	0.03579	1.11826	1.20E+00	0.164107	0.000231	0.020894	1.39E+00	1.184666	0.141144	0.000188	0.022191	1.34819
450	488869.6	3857500.76	10.28823	29.85685	14.15733	15.079	9.32E-01	0.12631	0.00027	0.03493	1.09384	1.18E+00	0.159421	0.000225	0.020388	1.36E+00	1.159994	0.137114	0.000184	0.021654	1.318946
451	488919.6	3857500.76	10.08496	29.08041	13.77136	14.6989	9.14E-01	0.12302	0.00026	0.03405	1.07125	1.15E+00	0.155275	0.000219	0.019875	1.33E+00	1.137076	0.133548	0.000179	0.021108	1.291911
452	488819.6	3857550.76	10.76763	30.53182	14.81617	15.75403	9.76E-01	0.12917	0.00028	0.03649	1.14172	1.23E+00	0.163025	0.000235	0.021301	1.42E+00	1.214047	0.140213	0.000192	0.022624	1.377076
453	488869.6	3857550.76	10.40772	29.35102	14.45626	15.50405	9.43E-01	0.12417	0.00027	0.03591	1.10352	1.19E+00	0.15672	0.00023	0.020963	1.37E+00	1.173467	0.134791	0.000188	0.022265	1.33071
454	488919.6	3857550.76	10.17511	28.16502	14.1147	15.31459	9.22E-01	0.11915	0.00026	0.03547	1.07698	1.16E+00	0.150388	0.000224	0.020707	1.34E+00	1.14724	0.129344	0.000183	0.021993	1.29876
455	489663.71	3860900.05	5.94175	7.79534	6.45635	9.97016	5.38E-01	0.03298	0.00012	0.02309	0.59465	6.80E-01	0.041623	0.000103	0.013481	7.35E-01	0.66993	0.035799	8.38E-05	0.014318	0.720131
456	489813.71	3860900.05	6.19546	7.76274	6.55233	10.17936	5.61E-01	0.03284	0.00012	0.02358	0.61799	7.09E-01	0.041449	0.000104	0.013764	7.64E-01	0.698536	0.035649	8.51E-05	0.014618	0.748889
457	489863.71	3860900.05	6.10936	7.71097	6.6446	10.19609	5.54E-01	0.03262	0.00012	0.02362	0.61	6.99E-01	0.041173	0.000106	0.013786	7.54E-01	0.688828	0.035412	8.62E-05	0.014642	0.738968
458	489913.71	3860900.05	6.20082	7.69202	6.55414	10.47768	5.62E-01	0.03254	0.00012	0.02427	0.61886	7.09E-01	0.041072	0.000104	0.014167	7.65E-01	0.69914	0.035325	8.51E-05	0.015046	0.749597
459	489963.71	3860900.05	6.22234	7.90816	6.51659	10.84335	5.64E-01	0.03346	0.00012	0.02512	0.62257	7.12E-01	0.042226	0.000104	0.014661	7.69E-01	0.701567	0.036317	8.46E-05	0.015572	0.75354
460	490013.71	3860900.05	6.39442	7.93126	6.51961	10.38828	5.79E-01	0.03355	0.00012	0.02406	0.63721	7.31E-01	0.042349	0.000104	0.014046	7.88E-01	0.720969	0.036423	8.46E-05	0.014918	0.772395
461	490063.71	3860900.05	6.46225	7.83303	6.49522	10.45168	5.86E-01	0.03314	0.00012	0.02421	0.64309	7.39E-01	0.041825	0.000103	0.014132	7.95E-01	0.728616	0.035972	8.43E-05	0.015009	0.779682
462	489663.71	3860950.05	5.77888	8.03054	6.42522	9.983	5.24E-01	0.03397	0.00012	0.02312	0.58091	6.61E-01	0.042879	0.000102	0.013498	7.17E-01	0.651567	0.036879	8.34E-05	0.014336	0.702865
463	489813.71	3860950.05	6.02973	7.6116	6.54678	9.93584	5.46E-01	0.0322	0.00012	0.02301	0.60176	6.90E-01	0.040642	0.000104	0.013434	7.44E-01	0.67985	0.034955	8.5E-05	0.014268	0.729159
464	489863.71	3860950.05	6.06459	7.67696	6.46536	9.98996	5.50E-01	0.03248	0.00012	0.02314	0.60532	6.94E-01	0.040991	0.000103	0.013508	7.48E-01	0.68378	0.035255	8.39E-05	0.014346	0.733466
465	489913.71	3860950.05	6.03821	7.50951	6.54906	10.04592	5.47E-01	0.03177	0.00012	0.02327	0.60236	6.91E-01	0.040097	0.000104	0.013583	7.44E-01	0.680806	0.034486	8.5E-05	0.014426	0.729804
466	489963.71	3860950.05	6.13377	7.5397	6.46156	10.29854	5.56E-01	0.0319	0.00012	0.02385	0.61173	7.02E-01	0.040258	0.000103	0.013925	7.56E-01	0.69158	0.034625	8.39E-05	0.014789	0.741079
467	490013.71	3860950.05	6.15995	7.87219	6.44049	10.56021	5.58E-01	0.0333	0.00012	0.02446	0.61611	7.05E-01	0.042034	0.000102	0.014279	7.61E-01	0.694532	0.036152	8.36E-05	0.015165	0.745933
468	490063.71	3860950.05	6.31696	7.75206	6.41045	10.19616	5.72E-01	0.0328	0.00012	0.02362	0.62899	7.23E-01	0.041392	0.000102	0.013786	7.78E-01	0.712235	0.0356	8.32E-05	0.014642	0.762561
469	489513.71	3861000.05	5.52251	8.03727	6.26244	9.89242	5.00E-01	0.034	0.00012	0.02291	0.55749	6.32E-01	0.042915	9.95E-05	0.013376	6.88E-01	0.622661	0.03691	8.13E-05	0.014206	0.673859
470	489563.71	3861000.05	5.50244	8.10036	6.22555	10.05623	4.99E-01	0.03427	0.00012	0.02329	0.55632	6.29E-01	0.043252	9.89E-05	0.013597	6.86E-01	0.620398	0.0372	8.08E-05	0.014441	0.67212
471	489613.71	3861000.05	5.5177	7.86188	6.2513	9.96174	5.00E-01	0.03326	0.00012	0.02307	0.55648	6.31E-01	0.041979	9.94E-05	0.013469	6.87E-01	0.622119	0.036105	8.11E-05	0.014306	0.67261
472	489663.71	3861000.05	5.62594	8.05372	6.34052	9.825	5.10E-01	0.03407	0.00012	0.02276	0.56678	6.43E-01	0.043003	0.000101	0.013284	7.00E-01	0.634323	0.036986	8.23E-05	0.014109	0.6855
473	489713.71	3861000.05	5.72094	7.66876	6.33377	9.73861	5.18E-01	0.03244	0.00012	0.02256	0.57356	6.54E-01	0.040948	0.000101	0.013168	7.09E-01	0.645034	0.035218	8.22E-05	0.013985	0.694319
474	489763.71	3861000.05	5.75176	7.30984	6.17167	9.65229	5.21E-01	0.03092	0.00012	0.02236	0.57463	6.58E-01	0.039031	9.81E-05	0.013051	7.10E-01	0.648509	0.03357	8.01E-05	0.013861	0.69602
475	489813.71	3861000.05	5.84412	7.32242	6.38632	9.681	5.30E-01	0.03098	0.00012	0.02242	0.58313	6.68E-01	0.039098	0.000101	0.01309	7.21E-01	0.658923	0.033627	8.29E-05	0.013902	0.706535
476	489863.71	3861000.05	5.98686	7.46842	6.41704	9.80809	5.43E-01	0.0316	0.00012	0.02272	0.59697	6.85E-01	0.039878	0.000102	0.013262	7.38E-01	0.675016	0.034298	8.33E-05	0.014085	0.723482
477	489913.71	3861000.05	5.95813	7.53808	6.41491	9.7689	5.40E-01	0.03189	0.00012	0.02263	0.59457	6.81E-01	0.04025	0.000102	0.013209	7.35E-01	0.671777	0.034618	8.33E-05	0.014029	0.720507
478	489963.71	3861000.05	5.92856	7.39487	6.42402	9.93185	5.37E-01	0.03128	0.00012	0.023	0.59167	6.78E-01	0.039485	0.000102	0.013429	7.31E-01	0.668443	0.03396	8.34E-05	0.014263	0.716749
479	490013.71	3861000.05	6.05186	7.49433	6.36657	10.26076	5.48E-01	0.0317	0.00012	0.02377	0.60402	6.92E-01	0.040016	0.000101	0.013874	7.46E-01	0.682345	0.034417	8.26E-05	0.014735	0.73158
480	490063.71	3861000.05	6.09649	7.82362	6.36085	10.16986	5.52E-01	0.0331	0.00012	0.02356	0.60925	6.97E-01	0.041774	0.000101	0.013751	7.53E-01	0.687377	0.035929	8.26E-05	0.014604	0.737993
481	489513.71	3861050.05	5.42836	7.68141	6.23692	9.47342	4.92E-01	0.0325	0.00012	0.02194	0.54648	6.21E-01	0.041015	9.91E-05	0.012809	6.75E-01	0.612046	0.035276	8.1E-05	0.013604	0.661007
482	489563.71	3861050.05	5.46722	8.0547	6.19237	9.89795	4.95E-01	0.03408	0.00012	0.02293	0.55257	6.25E-01	0.043008	9.84E-05	0.013383	6.82E-01	0.616427	0.03699	8.04E-05	0.014214	0.667712
483	489613.71	3861050.05	5.42321	7.9338	6.15643	9.93863	4.91E-01	0.03356	0.00012	0.02302	0.54816	6.20E-01	0.042363	9.78E-05	0.013438	6.76E-01	0.611465	0.036435	7.99E-05	0.014272	0.662252
484	489663.71	3861050.05	5.47461	7.73286	6.15299	9.75235	4.96E-01	0.03271	0.00012	0.02259	0.55154	6.26E-01	0.04129	9.78E-05	0.013186	6.81E-01	0.61726	0.035512	7.99E-05	0.014005	0.666857

485	489713.71	3861050.05	5.58294	7.80773	6.263	9.67808	5.06E-01	0.03303	0.00012	0.02242	0.5615	6.39E-01	0.04169	9.95E-05	0.013086	6.93E-01	0.629475	0.035856	8.13E-05	0.013898	0.67931
486	489763.71	3861050.05	5.66145	7.42328	6.22726	9.51837	5.13E-01	0.0314	0.00012	0.02205	0.56662	6.48E-01	0.039637	9.9E-05	0.01287	7.00E-01	0.638327	0.03409	8.08E-05	0.013669	0.686167
487	489813.71	3861050.05	5.68147	7.18673	6.05534	9.55402	5.15E-01	0.0304	0.00011	0.02213	0.56751	6.50E-01	0.038374	9.62E-05	0.012918	7.01E-01	0.640584	0.033004	7.86E-05	0.01372	0.687387
488	489863.71	3861050.05	5.8013	7.25002	6.34091	9.52236	5.26E-01	0.03067	0.00012	0.02206	0.57857	6.64E-01	0.038712	0.000101	0.012875	7.15E-01	0.654095	0.033295	8.23E-05	0.013675	0.701146
489	489913.71	3861050.05	5.94065	7.36596	6.30682	9.73027	5.38E-01	0.03116	0.00012	0.02254	0.59217	6.79E-01	0.039331	0.0001	0.013156	7.32E-01	0.669806	0.033827	8.19E-05	0.013973	0.717689
490	489963.71	3861050.05	5.84333	7.39908	6.34523	9.63169	5.30E-01	0.0313	0.00012	0.02231	0.58326	6.68E-01	0.039508	0.000101	0.013023	7.21E-01	0.658833	0.033979	8.24E-05	0.013832	0.706727
491	490013.71	3861050.05	5.84912	7.32201	6.3159	9.89926	5.30E-01	0.03098	0.00012	0.02293	0.58408	6.69E-01	0.039096	0.0001	0.013385	7.22E-01	0.659486	0.033625	8.2E-05	0.014216	0.70741
492	490063.71	3861050.05	5.95733	7.43349	6.25167	10.22367	5.40E-01	0.03145	0.00012	0.02368	0.59511	6.81E-01	0.039691	9.94E-05	0.013824	7.35E-01	0.671687	0.034137	8.11E-05	0.014682	0.720587
493	489513.71	3861100.05	5.42047	7.42083	6.00069	9.21785	4.91E-01	0.03139	0.00011	0.02135	0.54407	6.20E-01	0.039624	9.54E-05	0.012464	6.72E-01	0.611156	0.034079	7.79E-05	0.013237	0.658551
494	489563.71	3861100.05	5.37444	7.72239	6.13365	9.45894	4.87E-01	0.03267	0.00011	0.02191	0.54174	6.15E-01	0.041234	9.75E-05	0.01279	6.69E-01	0.605966	0.035464	7.96E-05	0.013584	0.655094
495	489613.71	3861100.05	5.37667	7.87117	6.1004	9.7547	4.87E-01	0.0333	0.00011	0.02259	0.54325	6.15E-01	0.042028	9.7E-05	0.013189	6.70E-01	0.606218	0.036147	7.92E-05	0.014008	0.656452
496	489663.71	3861100.05	5.30192	7.66778	6.04541	9.75585	4.80E-01	0.03244	0.00011	0.0226	0.53562	6.06E-01	0.040942	9.61E-05	0.013191	6.61E-01	0.59779	0.035213	7.85E-05	0.01401	0.647091
497	489713.71	3861100.05	5.39833	7.72282	6.07592	9.52736	4.89E-01	0.03267	0.00011	0.02207	0.54406	6.17E-01	0.041236	9.66E-05	0.012882	6.72E-01	0.60866	0.035466	7.89E-05	0.013682	0.657887
498	489763.71	3861100.05	5.52436	7.63673	6.17271	9.5233	5.01E-01	0.03231	0.00012	0.02206	0.55511	6.32E-01	0.040776	9.81E-05	0.012877	6.86E-01	0.62287	0.035071	8.01E-05	0.013676	0.671696
499	489813.71	3861100.05	5.59327	7.20481	6.11163	9.34803	5.07E-01	0.03048	0.00011	0.02165	0.55912	6.40E-01	0.03847	9.71E-05	0.01264	6.91E-01	0.630639	0.033087	7.93E-05	0.013424	0.67723
500	489863.71	3861100.05	5.60736	7.06314	5.96642	9.43977	5.08E-01	0.02988	0.00011	0.02186	0.56001	6.41E-01	0.037714	9.48E-05	0.012764	6.92E-01	0.632228	0.032437	7.74E-05	0.013556	0.678298
501	489913.71	3861100.05	5.73788	7.22033	6.29791	9.47219	5.20E-01	0.03055	0.00012	0.02194	0.57258	6.56E-01	0.038553	0.0001	0.012807	7.08E-01	0.646944	0.033158	8.17E-05	0.013603	0.693787
502	489963.71	3861100.05	5.85403	7.29764	6.20111	9.6205	5.31E-01	0.03087	0.00012	0.02228	0.58378	6.70E-01	0.038966	9.86E-05	0.013008	7.22E-01	0.66004	0.033513	8.05E-05	0.013816	0.707449
503	490013.71	3861100.05	5.76103	7.18616	6.27742	9.49725	5.22E-01	0.0304	0.00012	0.022	0.57459	6.59E-01	0.038371	9.98E-05	0.012841	7.10E-01	0.649554	0.033002	8.15E-05	0.013639	0.696276
504	490063.71	3861100.05	5.77391	7.18322	6.2073	9.76142	5.23E-01	0.03039	0.00012	0.02261	0.57636	6.60E-01	0.038355	9.87E-05	0.013198	7.12E-01	0.651006	0.032988	8.06E-05	0.014018	0.698093
505	489713.71	3861150.05	5.24673	7.44068	5.94731	9.56181	4.75E-01	0.03148	0.00011	0.02215	0.52921	6.00E-01	0.03973	9.45E-05	0.012929	6.53E-01	0.591567	0.03417	7.72E-05	0.013731	0.639546
506	489763.71	3861150.05	5.33193	7.6526	6.01883	9.35051	4.83E-01	0.03237	0.00011	0.02166	0.53734	6.10E-01	0.040861	9.57E-05	0.012643	6.63E-01	0.601173	0.035144	7.81E-05	0.013428	0.649823
507	489813.71	3861150.05	5.46033	7.30628	6.09435	9.32556	4.95E-01	0.03091	0.00011	0.0216	0.54745	6.25E-01	0.039012	9.69E-05	0.012609	6.76E-01	0.61565	0.033553	7.91E-05	0.013392	0.662675
508	489863.71	3861150.05	5.52058	6.95964	5.9818	9.23881	5.00E-01	0.02944	0.00011	0.0214	0.55124	6.31E-01	0.037161	9.51E-05	0.012492	6.81E-01	0.622444	0.031961	7.76E-05	0.013267	0.66775
509	489913.71	3861150.05	5.53028	6.96382	5.91479	9.22262	5.01E-01	0.02946	0.00011	0.02136	0.5521	6.33E-01	0.037183	9.4E-05	0.01247	6.82E-01	0.623537	0.03198	7.68E-05	0.013244	0.668839
510	489963.71	3861150.05	5.67217	7.10787	6.22025	9.36564	5.14E-01	0.03007	0.00012	0.02169	0.5659	6.49E-01	0.037953	9.89E-05	0.012663	6.99E-01	0.639535	0.032642	8.07E-05	0.01345	0.685707
511	490013.71	3861150.05	5.74084	7.198	6.097	9.40453	5.20E-01	0.03045	0.00011	0.02178	0.57259	6.57E-01	0.038434	9.69E-05	0.012716	7.08E-01	0.647278	0.033056	7.91E-05	0.013505	0.693918
512	490063.71	3861150.05	5.6965	7.0174	6.21194	9.35627	5.16E-01	0.02969	0.00012	0.02167	0.5677	6.52E-01	0.03747	9.87E-05	0.012651	7.02E-01	0.642278	0.032227	8.06E-05	0.013436	0.688022
513	489613.71	3861200.05	5.17497	7.32154	5.94288	9.04546	4.69E-01	0.03097	0.00011	0.02095	0.521	5.92E-01	0.039094	9.45E-05	0.01223	6.43E-01	0.583476	0.033623	7.71E-05	0.01299	0.630166
514	489663.71	3861200.05	5.24705	7.66709	5.96382	9.43677	4.75E-01	0.03244	0.00011	0.02186	0.5299	6.00E-01	0.040939	9.48E-05	0.01276	6.54E-01	0.591603	0.03521	7.74E-05	0.013552	0.640442
515	489713.71	3861200.05	5.20182	7.48708	5.92016	9.51074	4.71E-01	0.03167	0.00011	0.02203	0.52521	5.95E-01	0.039977	9.41E-05	0.01286	6.48E-01	0.586503	0.034383	7.68E-05	0.013658	0.634622
516	489763.71	3861200.05	5.20049	7.37591	5.89581	9.37092	4.71E-01	0.0312	0.00011	0.0217	0.5243	5.95E-01	0.039384	9.37E-05	0.012671	6.47E-01	0.586353	0.033873	7.65E-05	0.013457	0.63376
517	489813.71	3861200.05	5.29837	7.44069	5.98678	9.22323	4.80E-01	0.03148	0.00011	0.02136	0.5331	6.06E-01	0.03973	9.51E-05	0.012471	6.58E-01	0.597389	0.03417	7.77E-05	0.013245	0.644883
518	489863.71	3861200.05	5.40409	7.08662	6.02284	9.14851	4.90E-01	0.02998	0.00011	0.02119	0.54101	6.18E-01	0.037839	9.57E-05	0.01237	6.68E-01	0.609309	0.032544	7.82E-05	0.013138	0.65507
519	489913.71	3861200.05	5.42808	6.83819	5.86052	9.18403	4.92E-01	0.02893	0.00011	0.02127	0.54221	6.21E-01	0.036513	9.31E-05	0.012418	6.70E-01	0.612014	0.031404	7.61E-05	0.013189	0.656682
520	489963.71	3861200.05	5.48898	6.88312	5.89656	9.06842	4.97E-01	0.02912	0.00011	0.021	0.54766	6.28E-01	0.036753	9.37E-05	0.012261	6.77E-01	0.618881	0.03161	7.65E-05	0.013023	0.66359
521	490013.71	3861200.05	5.62097	7.01325	6.14101	9.19057	5.09E-01	0.02967	0.00011	0.02129	0.56046	6.43E-01	0.037447	9.76E-05	0.012427	6.93E-01	0.633762	0.032207	7.97E-05	0.013198	0.679248
522	490063.71	3861200.05	5.62087	7.04307	6.02193	9.17815	5.09E-01	0.0298	0.00011	0.02126	0.56054	6.43E-01	0.037607	9.57E-05	0.01241	6.93E-01	0.633751	0.032344	7.82E-05	0.01318	0.679354
523	489513.71	3861250.05	5.17697	6.97165	5.56778	8.57628	4.69E-01	0.02949	0.0001	0.01986	0.51861	5.92E-01	0.037225	8.85E-05	0.011596	6.41E-01	0.583702	0.032016	7.23E-05	0.012316	0.628106
524	489563.71	3861250.05	5.25521	7.05827	5.61657	8.70629	4.76E-01	0.02986	0.00011	0.02017	0.52637	6.01E-01	0.037688	8.93E-05	0.011772	6.51E-01	0.592523	0.032414	7.29E-05	0.012503	0.637513
525	489613.71	3861250.05	5.16443	7.02143	5.66207	8.82172	4.68E-01	0.0297	0.00011	0.02043	0.51825	5.91E-01	0.037491	9E-05	0.011928	6.40E-01	0.582288	0.032245	7.35E-05	0.012668	0.627275
526	489663.71	3861250.05	5.13291	7.36411	5.8958	9.04376	4.65E-01	0.03115	0.00011	0.02095	0.51737	5.87E-01	0.039321	9.37E-05	0.012228	6.39E-01	0.578734	0.033819	7.65E-05	0.012987	0.625616
527	489713.71	3861250.05	5.19692	7.47523	5.8987	9.3118	4.71E-01	0.03162	0.00011	0.02157	0.52426	5.94E-01	0.039914	9.37E-05	0.012591	6.47E-01	0.585951	0.034329	7.66E-05	0.013372	0.633729
528	489763.71	3861250.05	5.11483	7.28462	5.8464	9.36093	4.64E-01	0.03082	0.00011	0.02168	0.51613	5.85E-01	0.038896	9.29E-05	0.012657	6.37E-01	0.576695	0.033454	7.59E-05	0.013443	0.623668
529	489813.71	3861250.05	5.16058	7.39651	5.81383	9.18635	4.68E-01	0.03129	0.00011	0.02128	0.52034	5.90E-01	0.039494	9.24E-05	0.012421	6.42E-01	0.581854	0.033968	7.55E-05	0.013192	0.629089
530	489863.71	3861250.05	5.26408	7.28818	5.9509	9.06513	4.77E-01	0.03083	0.00011	0.021	0.52898	6.02E-01	0.038915	9.46E-05	0.012257	6.53E-01	0.593523	0.03347	7.72E-05	0.013018	0.640088
531	489913.71	3861250.05	5.32959	6.88144	5.9372	8.95579	4.83E-01	0.02911	0.00011	0.02074	0.53295	6.10E-01	0.036744	9.44E-05	0.012109	6.59E-01	0.600909	0.031602	7.71E-05	0.012861	0.64545
532	489963.71	3861250.05	5.35182	6.73564	5.7363	9.03462	4.85E-01	0.0285	0.00011	0.02093	0.53452	6.12E-01	0.035965	9.12E-05	0.012216	6.60E-01	0.603416	0.030933	7.45E-05	0.012974	0.647397
533	490013.71	3861250.05	5.46321	6.86236	5.89546	8.97493	4.95E-01	0.02903	0.00011	0.02079	0.54502	6.25E-01	0.036642	9.37E-05	0.012135	6.74E-01	0.615975	0.031515	7.65E-05	0.012888	0.660455
534	490063.71	3861250.05	5.57055	6.92768	6.03851	9.06855	5.05E-01	0.02931	0.00011	0.021	0.55524	6.37E-01	0.03699	9.6E-05	0.012262	6.86E-01	0.628078	0.031814	7.84E-05	0.013023	0.672993
535	489528.13	3861308.47	5.08418	6.77751	5.5107	8.39678	4.61E-01	0.02867	0.0001	0.01945	0.50896	5.82E-01	0.036189	8.76E-05	0.011353	6.29E-01	0.57324	0.031125	7.15E-05	0.012058	0.616494
536	489578.13	3861308.47	5.14522	6.98084	5.48137	8.52229	4.66E-01	0.02953	0.0001	0.01974	0.51565	5.89E-01	0.037274	8.71E-05	0.011523	6.37E-01	0.580122	0.032059	7.12E-05	0.012238	0.62449
537	489628.13	3861308.47	5.12996	6.87643	5.52355	8.68481	4.65E-01	0.02909	0.0001	0.02012	0.5142	5.87E-01	0.036717	8.78E-05	0.011743	6.35E-01	0.578401	0.031579	7.17E-05	0.012472	0.622524
538	489678.13	3861308.47	5.03393	7.07179	5.66689	8.7849	4.56E-01	0.02992	0.00011	0.02035	0.50656	5.76E-01	0.03776	9.01E-05	0.011878	6.26E-01	0.567574	0.032476	7.36E-05	0.012616	0.612739
539	489728.13	3861308.47	5.09538	7.42235	5.82251	9.07702	4.62E-01	0.0314	0.00011	0.02102	0.51429	5.83E-01	0.039632	9.25E-05	0.012273	6.35E-01	0.574502	0.034086	7.56E-05	0.013035	0.621699
540	489778.13	3861308.47	5.09477	7.25637	5.80181	9.23905	4.62E-01	0.0307	0.00011	0.0214	0.5139	5.83E-01	0.038746	9.22E-05	0.012492	6.34E-01	0.574434	0.033324	7.53E-05	0.013268	0.621101
541	489678.13	3861358.47	5.02864	6.79051	5.47235	8.59557	4.56E-01	0.02873	0.0001	0.01991	0.50444	5.75E-01	0.036258	8.7E-05	0.011622	6.23E-01	0.566977	0.031185	7.1E-05	0.012344	0.610577
542	489728.13	3861358.47	4.96248	7.1107	5.67479	8.74414	4.50E-01	0.03008	0.00011	0.02025	0.50015	5.68E-01	0.037968	9.02E-05	0.011823	6.17E-01	0.559518	0.032655	7.37E-05	0.012557	0.604804
543	489528.13	3861408.47	4.88023	6.46366	5.50682	8.13651	4.42E-01	0.02734	0.0001	0.01885	0.48855	5.58E-01	0.034513	8.75E-05	0.011001	6.04E-01	0.550244	0.029684	7.15E-05	0.011684	0.591684
544	489578.13	3861408.47	4.92591	6.57366	5.39801	8.21246	4.46E-01	0.02781	0.0001	0.01902	0.49333	5.63E-01	0.0351	8.58E-05	0.011104	6.10E-01	0.555395	0.030189	7.01E-05	0.011794	0.597447
545	489628.13	3861408.47	4.98454	6.7965	5.33649	8.31776	4.52E-01	0.02875	1E-04	0.01927	0.49983	5.70E-01	0.03629	8.48E-05	0.011247	6.18E-01	0.562005	0.031212	6.93E-05	0.011945	0.605231

546	489678.13	3861408.47	5.03663	6.70143	5.37421	8.46214	4.56E-01	0.02835	0.0001	0.0196	0.50448	5.76E-01	0.035782	8.54E-05	0.011442	6.23E-01	0.567878	0.030775	6.98E-05	0.012152	0.610876
547	489728.13	3861408.47	4.92666	6.81946	5.41651	8.54424	4.46E-01	0.02885	0.0001	0.01979	0.49521	5.64E-01	0.036413	8.61E-05	0.011553	6.12E-01	0.555479	0.031317	7.03E-05	0.01227	0.599137
548	489528.13	3861458.47	4.79741	6.3617	5.47688	7.92582	4.35E-01	0.02691	0.0001	0.01836	0.48012	5.49E-01	0.033968	8.7E-05	0.010717	5.93E-01	0.540906	0.029215	7.11E-05	0.011382	0.581575
549	489578.13	3861458.47	4.84244	6.39521	5.44242	8.06885	4.39E-01	0.02706	0.0001	0.01869	0.48468	5.54E-01	0.034147	8.65E-05	0.01091	5.99E-01	0.545983	0.029369	7.06E-05	0.011587	0.587011
550	489628.13	3861458.47	4.9099	6.51084	5.30557	8.18579	4.45E-01	0.02754	9.9E-05	0.01896	0.49155	5.62E-01	0.034765	8.43E-05	0.011068	6.08E-01	0.55359	0.0299	6.89E-05	0.011755	0.595314
551	489678.13	3861458.47	4.95229	6.64455	5.26659	8.27281	4.49E-01	0.02811	9.9E-05	0.01916	0.49616	5.66E-01	0.035479	8.37E-05	0.011186	6.13E-01	0.558369	0.030514	6.84E-05	0.01188	0.600832
552	489728.13	3861458.47	4.92924	6.55784	5.30362	8.37468	4.47E-01	0.02774	9.9E-05	0.0194	0.49394	5.64E-01	0.035016	8.43E-05	0.011323	6.10E-01	0.55577	0.030116	6.88E-05	0.012026	0.597981
553	489528.13	3861508.47	4.70472	6.18362	5.48752	7.70101	4.26E-01	0.02616	0.0001	0.01784	0.47045	5.38E-01	0.033018	8.72E-05	0.010413	5.82E-01	0.530456	0.028397	7.12E-05	0.011059	0.569983
554	489578.13	3861508.47	4.76596	6.30175	5.38691	7.93273	4.32E-01	0.02666	0.0001	0.01837	0.47704	5.45E-01	0.033648	8.56E-05	0.010726	5.90E-01	0.53736	0.02894	6.99E-05	0.011392	0.577762
555	489628.13	3861508.47	4.78042	6.36454	5.33707	7.98258	4.33E-01	0.02693	1E-04	0.01849	0.47873	5.47E-01	0.033984	8.48E-05	0.010793	5.92E-01	0.538991	0.029228	6.93E-05	0.011463	0.579752
556	489678.13	3861508.47	4.85151	6.53626	5.20561	8.12998	4.40E-01	0.02765	9.7E-05	0.01883	0.48623	5.55E-01	0.0349	8.27E-05	0.010993	6.01E-01	0.547006	0.030017	6.76E-05	0.011675	0.588766
557	489728.13	3861508.47	4.90535	6.49589	5.18366	8.20629	4.45E-01	0.02748	9.7E-05	0.01901	0.49112	5.61E-01	0.034685	8.24E-05	0.011096	6.07E-01	0.553077	0.029832	6.73E-05	0.011785	0.59476
558	489628.13	3861558.47	4.7258	6.21847	5.30248	7.9211	4.28E-01	0.02631	9.9E-05	0.01835	0.47302	5.41E-01	0.033204	8.43E-05	0.01071	5.85E-01	0.532832	0.028558	6.88E-05	0.011375	0.572834
559	489678.13	3861558.47	4.76153	6.31425	5.23064	7.97979	4.31E-01	0.02671	9.8E-05	0.01848	0.47679	5.45E-01	0.033715	8.31E-05	0.01079	5.89E-01	0.536861	0.028997	6.79E-05	0.011459	0.577386
560	489728.13	3861558.47	4.8047	6.49585	5.12856	8.07213	4.35E-01	0.02748	9.6E-05	0.0187	0.48169	5.50E-01	0.034685	8.15E-05	0.010914	5.95E-01	0.541728	0.029831	6.66E-05	0.011592	0.583218
561	489357.08	3861015.81	5.55969	7.4761	5.99606	9.02331	5.04E-01	0.03163	0.00011	0.0209	0.55647	6.36E-01	0.039919	9.53E-05	0.0122	6.88E-01	0.626853	0.034333	7.78E-05	0.012958	0.674222
562	489407.08	3861015.81	5.56444	7.67821	6.0102	9.16856	5.04E-01	0.03248	0.00011	0.02124	0.55809	6.36E-01	0.040998	9.55E-05	0.012397	6.90E-01	0.627389	0.035261	7.8E-05	0.013167	0.675894
563	489457.08	3861015.81	5.50052	7.55929	6.17269	9.36561	4.98E-01	0.03198	0.00012	0.02169	0.55226	6.29E-01	0.040363	9.81E-05	0.012663	6.82E-01	0.620182	0.034715	8.01E-05	0.01345	0.668426
564	489357.08	3861065.81	5.43203	7.23244	5.94741	8.85472	4.92E-01	0.0306	0.00011	0.02051	0.54348	6.21E-01	0.038618	9.45E-05	0.011973	6.72E-01	0.61246	0.033214	7.72E-05	0.012716	0.658467
565	489407.08	3861065.81	5.48405	7.42484	5.89466	9.02023	4.97E-01	0.03141	0.00011	0.02089	0.54939	6.27E-01	0.039645	9.37E-05	0.012196	6.79E-01	0.618325	0.034098	7.65E-05	0.012954	0.665452
566	489457.08	3861065.81	5.50087	7.49591	5.9447	9.12612	4.99E-01	0.03171	0.00011	0.02114	0.55146	6.29E-01	0.040025	9.45E-05	0.01234	6.82E-01	0.620221	0.034424	7.72E-05	0.013106	0.667828
567	489357.08	3861115.81	5.31718	7.11166	5.88239	8.7619	4.82E-01	0.03009	0.00011	0.02029	0.53234	6.08E-01	0.037973	9.35E-05	0.011847	6.58E-01	0.59951	0.032659	7.64E-05	0.012583	0.644829
568	489407.08	3861115.81	5.38644	7.21061	5.84516	8.77333	4.88E-01	0.0305	0.00011	0.02032	0.53907	6.16E-01	0.038501	9.29E-05	0.011862	6.67E-01	0.607319	0.033114	7.59E-05	0.012599	0.653108
569	489457.08	3861115.81	5.44254	7.49004	5.83673	8.95653	4.93E-01	0.03169	0.00011	0.02075	0.54576	6.23E-01	0.039993	9.28E-05	0.01211	6.75E-01	0.613645	0.034397	7.58E-05	0.012862	0.660979
570	489407.08	3861165.81	5.26512	7.00616	5.81698	8.69212	4.77E-01	0.02964	0.00011	0.02013	0.52702	6.02E-01	0.03741	9.25E-05	0.011753	6.51E-01	0.59364	0.032175	7.55E-05	0.012482	0.638373
571	489457.08	3861165.81	5.33432	7.16049	5.74329	8.76255	4.83E-01	0.03029	0.00011	0.0203	0.5341	6.10E-01	0.038234	9.13E-05	0.011848	6.60E-01	0.601443	0.032884	7.46E-05	0.012583	0.646984
572	489407.08	3861215.81	5.15056	6.86245	5.78305	8.49214	4.67E-01	0.02903	0.00011	0.01967	0.51556	5.89E-01	0.036642	9.19E-05	0.011482	6.37E-01	0.580724	0.031515	7.51E-05	0.012195	0.624509
573	489457.08	3861215.81	5.21449	6.93606	5.68374	8.55892	4.73E-01	0.02934	0.00011	0.01982	0.52182	5.96E-01	0.037035	9.03E-05	0.011573	6.45E-01	0.587932	0.031853	7.38E-05	0.012291	0.63215
574	489407.08	3861265.81	5.02415	6.68927	5.74644	8.2717	4.55E-01	0.0283	0.00011	0.01916	0.50286	5.75E-01	0.035717	9.13E-05	0.011184	6.22E-01	0.566471	0.03072	7.46E-05	0.011879	0.609144
575	489457.08	3861265.81	5.07383	6.73327	5.64465	8.41768	4.60E-01	0.02849	0.00011	0.0195	0.50789	5.80E-01	0.035952	8.97E-05	0.011382	6.28E-01	0.572073	0.030922	7.33E-05	0.012088	0.615156
576	489309.86	3861110.14	5.26471	7.08699	6.01532	8.61054	4.77E-01	0.02998	0.00011	0.01994	0.52714	6.02E-01	0.037841	9.56E-05	0.011642	6.52E-01	0.593594	0.032546	7.81E-05	0.012365	0.638584
577	489407.08	3861315.81	4.91794	6.57095	5.74868	8.01482	4.46E-01	0.0278	0.00011	0.01856	0.49214	5.63E-01	0.035086	9.14E-05	0.010837	6.09E-01	0.554496	0.030176	7.46E-05	0.01151	0.596257
578	489457.08	3861315.81	4.98477	6.6237	5.63672	8.25983	4.52E-01	0.02802	0.00011	0.01913	0.49899	5.70E-01	0.035367	8.96E-05	0.011168	6.17E-01	0.562031	0.030418	7.32E-05	0.011862	0.604384
579	488906.03	3861006.75	4.91	6.86045	6.11404	8.28631	4.45E-01	0.02902	0.00011	0.01919	0.49328	5.62E-01	0.036632	9.72E-05	0.011204	6.10E-01	0.553601	0.031506	7.94E-05	0.0119	0.597085
580	488956.03	3861006.75	5.04257	7.02803	6.27327	8.30052	4.57E-01	0.02973	0.00012	0.01923	0.50604	5.77E-01	0.037526	9.97E-05	0.011223	6.26E-01	0.568548	0.032275	8.14E-05	0.01192	0.612825
581	488904.24	3861051.87	4.89174	6.73832	6.07553	8.27059	4.43E-01	0.02851	0.00011	0.01916	0.49108	5.60E-01	0.035979	9.66E-05	0.011183	6.07E-01	0.551542	0.030945	7.89E-05	0.011877	0.594443
582	488954.24	3861051.87	4.95322	6.94545	6.1219	8.27111	4.49E-01	0.02938	0.00011	0.01916	0.49753	5.67E-01	0.037085	9.73E-05	0.011183	6.15E-01	0.558474	0.031896	7.95E-05	0.011878	0.602327
583	489004.24	3861051.87	5.08242	7.22817	6.32915	8.30541	4.61E-01	0.03058	0.00012	0.01924	0.51051	5.81E-01	0.038595	0.000101	0.01123	6.31E-01	0.573041	0.033194	8.22E-05	0.011927	0.618245
584	488804.24	3861101.87	4.50803	7.18281	5.65422	7.59897	4.09E-01	0.03039	0.00011	0.0176	0.45662	5.16E-01	0.038353	8.99E-05	0.010275	5.64E-01	0.508279	0.032986	7.34E-05	0.010913	0.552251
585	488854.24	3861101.87	4.61282	7.05487	5.71174	7.87244	4.18E-01	0.02985	0.00011	0.01823	0.46621	5.28E-01	0.03767	9.08E-05	0.010644	5.76E-01	0.520094	0.032399	7.41E-05	0.011305	0.563872
586	488904.24	3861101.87	4.67094	6.5875	5.86316	8.09733	4.23E-01	0.02787	0.00011	0.01875	0.47002	5.34E-01	0.035174	9.32E-05	0.010948	5.80E-01	0.526647	0.030252	7.61E-05	0.011628	0.568603
587	488954.24	3861101.87	4.7459	6.61389	5.89896	8.05319	4.30E-01	0.02798	0.00011	0.01865	0.47683	5.43E-01	0.035315	9.38E-05	0.010889	5.89E-01	0.535099	0.030373	7.66E-05	0.011565	0.577113
588	489004.24	3861101.87	4.86719	6.71613	6.01181	8.10174	4.41E-01	0.02841	0.00011	0.01877	0.48837	5.57E-01	0.035861	9.55E-05	0.010954	6.04E-01	0.548774	0.030843	7.8E-05	0.011635	0.59133
589	488804.24	3861151.87	4.37942	6.8456	5.47292	7.32185	3.97E-01	0.02896	0.0001	0.01696	0.44289	5.01E-01	0.036552	8.7E-05	0.0099	5.47E-01	0.493778	0.031438	7.1E-05	0.010515	0.535801
590	488854.24	3861151.87	4.38893	6.90902	5.48541	7.57381	3.98E-01	0.02923	0.0001	0.01754	0.44461	5.02E-01	0.036891	8.72E-05	0.010241	5.49E-01	0.49485	0.031729	7.12E-05	0.010876	0.537527
591	489129.49	3861187.55	4.90693	6.71929	5.88154	7.97692	4.45E-01	0.02843	0.00011	0.01848	0.49169	5.61E-01	0.035878	9.35E-05	0.010786	6.08E-01	0.553255	0.030857	7.63E-05	0.011455	0.595644
592	489179.49	3861187.55	4.99322	6.72944	5.92998	8.01078	4.52E-01	0.02847	0.00011	0.01855	0.49963	5.71E-01	0.035932	9.42E-05	0.010831	6.18E-01	0.562984	0.030904	7.7E-05	0.011504	0.605469
593	488804.24	3861201.87	4.34358	6.74127	5.44369	7.21599	3.94E-01	0.02852	0.0001	0.01671	0.43896	4.97E-01	0.035995	8.65E-05	0.009757	5.43E-01	0.489737	0.030958	7.07E-05	0.010363	0.531129
594	488854.24	3861201.87	4.31479	6.78221	5.41851	7.30574	3.91E-01	0.02869	0.0001	0.01692	0.43673	4.94E-01	0.036214	8.61E-05	0.009878	5.40E-01	0.486491	0.031146	7.03E-05	0.010491	0.528199
595	489129.49	3861237.55	4.76483	6.60945	5.88233	7.91735	4.32E-01	0.02796	0.00011	0.01834	0.47821	5.45E-01	0.035291	9.35E-05	0.010705	5.91E-01	0.537233	0.030353	7.64E-05	0.01137	0.579032
596	489179.49	3861237.55	4.891	6.56762	5.78369	7.86867	4.43E-01	0.02778	0.00011	0.01823	0.48935	5.59E-01	0.035068	9.19E-05	0.010639	6.05E-01	0.551459	0.030161	7.51E-05	0.0113	0.592994
597	488804.24	3861251.87	4.2991	6.57807	5.39155	7.14043	3.90E-01	0.02783	0.0001	0.01654	0.43406	4.92E-01	0.035124	8.57E-05	0.009655	5.37E-01	0.484722	0.030209	7E-05	0.010254	0.525255
598	488854.24	3861251.87	4.27387	6.66911	5.33222	7.14568	3.87E-01	0.02821	1E-04	0.01655	0.43217	4.89E-01	0.03561	8.47E-05	0.009662	5.34E-01	0.481877	0.030627	6.92E-05	0.010262	0.522835
599	488804.24	3861301.87	4.23106	6.53303	5.31171	7.05047	3.83E-01	0.02764	9.9E-05	0.01633	0.4275	4.84E-01	0.034883	8.44E-05	0.009533	5.28E-01	0.477051	0.030002	6.89E-05	0.010125	0.517246
600	488854.24	3861301.87	4.24006	6.47548	5.29326	7.07053	3.84E-01	0.02739	9.9E-05	0.01638	0.42811	4.85E-01	0.034576	8.41E-05	0.00956	5.29E-01	0.478065	0.029738	6.87E-05	0.010154	0.518025
601	490943.5	3860181.97	6.65524	8.65545	7.33176	11.04337	6.03E-01	0.03662	0.00014	0.02558	0.66544	7.61E-01	0.046216	0.000117	0.014932	8.22E-01	0.750376	0.039749	9.52E-05	0.015859	0.806079
602	490993.5	3860181.97	6.56936	8.83825	7.00709	11.19501	5.95E-01	0.03739	0.00013	0.02593	0.65878	7.51E-01	0.047192	0.000111	0.015137	8.14E-01	0.740693	0.040589	9.1E-05	0.016077	0.797449
603	491043.5	3860181.97	6.46381	8.91902	6.79778	11.0145	5.86E-01	0.03773	0.00013	0.02551	0.64913	7.39E-01	0.047623	0.000108	0.014893	8.02E-01	0.728792	0.040959	8.82E-05	0.015817	0.785657
604	491093.5	3860181.97	6.47158	8.7104	6.58673	10.76303	5.86E-01	0.03685	0.00012	0.02493	0.64837	7.40E-01	0.046509	0.000105	0.014553	8.01E-01	0.729668	0.040001	8.55E-05	0.015456	0.785212
605	490943.5	3860231.97	6.70798	8.58009	7.12345	10.91606	6.08E-01	0.0363	0.00013	0.02528	0.66961	7.67E-01	0.045814	0.000113	0.01476	8.28E-01	0.756322	0.039403	9.25E-05	0.015676	0.811494
606	490993.5	3860231.97	6.61668	8.51676	7.18081	10.8376	6.00E-01	0.03603	0.00013	0.0251	0.66088	7.57E-01	0.045475	0.000114	0.014654	8.17E-01	0.746028	0.039112	9.32E-05	0.015563	0.800797

607	491043.5	3860231.97	6.45956	8.55732	6.99077	10.89413		5.85E-01	0.0362	0.00013	0.02523	0.64694		7.39E-01	0.045692	0.000111	0.01473	7.99E-01		0.728313	0.039298	9.07E-05	0.015645	0.783347			
608	491093.5	3860231.97	6.32635	8.66766	6.70384	10.74398		5.73E-01	0.03667	0.00013	0.02489	0.63499		7.24E-01	0.046281	0.000107	0.014527	7.85E-01		0.713294	0.039805	8.7E-05	0.015429	0.768615			
609	490943.5	3860281.97	6.57539	8.68897	6.94377	11.23151		5.96E-01	0.03676	0.00013	0.02601	0.65878		7.52E-01	0.046395	0.00011	0.015186	8.14E-01		0.741373	0.039903	9.01E-05	0.016129	0.797495			
610	490993.5	3860281.97	6.57863	8.42879	7.01459	10.75325		5.96E-01	0.03566	0.00013	0.02491	0.65687		7.52E-01	0.045006	0.000111	0.01454	8.12E-01		0.741738	0.038708	9.11E-05	0.015442	0.79598			
611	491043.5	3860281.97	6.52472	8.3204	6.99546	10.62345		5.91E-01	0.0352	0.00013	0.02461	0.65122		7.46E-01	0.044427	0.000111	0.014364	8.05E-01		0.73566	0.03821	9.08E-05	0.015256	0.789217			
612	491093.5	3860281.97	6.35114	8.30608	6.96696	10.5796		5.76E-01	0.03514	0.00013	0.0245	0.63533		7.26E-01	0.04435	0.000111	0.014305	7.85E-01		0.716089	0.038145	9.04E-05	0.015193	0.769517			
613	490943.5	3860331.97	6.65644	8.72656	6.90577	11.20842		6.03E-01	0.03692	0.00013	0.02596	0.66623		7.61E-01	0.046596	0.00011	0.015155	8.23E-01		0.750511	0.040076	8.96E-05	0.016096	0.806772			
614	490993.5	3860331.97	6.43814	8.62867	6.74808	11.00024		5.83E-01	0.0365	0.00013	0.02548	0.64555		7.36E-01	0.046073	0.000107	0.014874	7.97E-01		0.725898	0.039626	8.76E-05	0.015797	0.781409			
615	491043.5	3860331.97	6.37543	8.25219	6.85255	10.59314		5.78E-01	0.03491	0.00013	0.02454	0.63733		7.29E-01	0.044063	0.000109	0.014323	7.88E-01		0.718828	0.037897	8.89E-05	0.015212	0.772026			
616	491093.5	3860331.97	6.39144	8.14036	6.79597	10.34955		5.79E-01	0.03444	0.00013	0.02397	0.63774		7.31E-01	0.043466	0.000108	0.013994	7.89E-01		0.720633	0.037384	8.82E-05	0.014862	0.772967			
617	490086.72	3859935.12	9.60685	12.14988	9.49991	16.19571		8.71E-01	0.0514	0.00018	0.03751	0.95968		1.10E+00	0.064875	0.000151	0.021898	1.19E+00		1.083169	0.055797	0.000123	0.023258	1.162347			
618	490136.72	3859935.12	9.3437	12.09572	9.20356	16.27308		8.47E-01	0.05117	0.00017	0.03769	0.93578		1.07E+00	0.064585	0.000146	0.022003	1.16E+00		1.053499	0.055548	0.000119	0.023369	1.132535			
619	490186.72	3859935.12	8.95831	11.89129	8.89275	15.82483		8.12E-01	0.05031	0.00017	0.03665	0.89895		1.02E+00	0.063494	0.000141	0.021397	1.11E+00		1.010046	0.054609	0.000115	0.022725	1.087496			
620	490236.72	3859935.12	8.91071	11.54619	8.54819	15.41883		8.08E-01	0.04885	0.00016	0.03571	0.89223		1.02E+00	0.061651	0.000136	0.020848	1.10E+00		1.00468	0.053024	0.000111	0.022142	1.079957			
621	490286.72	3859935.12	8.73878	11.30558	8.45651	14.68309		7.92E-01	0.04783	0.00016	0.03401	0.87392		1.00E+00	0.060366	0.000134	0.019853	1.08E+00		0.985294	0.051919	0.00011	0.021086	1.058409			
622	490336.72	3859935.12	8.5424	10.82186	8.39989	14.13072		7.74E-01	0.04578	0.00016	0.03273	0.8528		9.77E-01	0.057784	0.000134	0.019106	1.05E+00		0.963153	0.049698	0.000109	0.020292	1.033252			
623	490386.72	3859935.12	8.37803	10.58946	8.25703	13.55478		7.59E-01	0.0448	0.00015	0.0314	0.83558		9.58E-01	0.056543	0.000131	0.018328	1.03E+00		0.94462	0.048631	0.000107	0.019465	1.012823			
624	490436.72	3859935.12	7.91981	10.45848	8.22147	13.28048		7.18E-01	0.04424	0.00015	0.03076	0.79287		9.06E-01	0.055843	0.000131	0.017957	9.80E-01		0.892956	0.048029	0.000107	0.019071	0.960163			
625	490486.72	3859935.12	7.71709	10.36133	8.00215	13.08459		6.99E-01	0.04383	0.00015	0.03031	0.77363		8.83E-01	0.055325	0.000127	0.017692	9.56E-01		0.870099	0.047583	0.000104	0.01879	0.936576			
626	490536.72	3859935.12	7.73273	9.96349	8.05353	12.74319		7.01E-01	0.04215	0.00015	0.02952	0.77257		8.84E-01	0.0532	0.000128	0.01723	9.55E-01		0.871863	0.045756	0.000105	0.0183	0.936023			
627	490586.72	3859935.12	7.55335	9.81474	8.01565	12.38554		6.85E-01	0.04152	0.00015	0.02869	0.75486		8.64E-01	0.052406	0.000127	0.016747	9.33E-01		0.851638	0.045073	0.000104	0.017786	0.914601			
628	490636.72	3859935.12	7.35457	9.80485	8.05817	12.3802		6.66E-01	0.04148	0.00015	0.02867	0.73679		8.41E-01	0.052353	0.000128	0.016739	9.10E-01		0.829225	0.045028	0.000105	0.017779	0.892136			
629	490686.72	3859935.12	7.2436	9.91839	7.79924	12.40977		6.56E-01	0.04196	0.00015	0.02874	0.72728		8.29E-01	0.052959	0.000124	0.016779	8.98E-01		0.816713	0.045549	0.000101	0.017821	0.880185			
630	490736.72	3859935.12	7.09577	10.13802	7.60557	12.1651		6.43E-01	0.04289	0.00014	0.02818	0.71424		8.12E-01	0.054132	0.000121	0.016449	8.82E-01		0.800046	0.046558	9.87E-05	0.01747	0.864172			
631	490086.72	3859985.12	9.94992	12.06167	9.51471	16.19783		9.02E-01	0.05103	0.00018	0.03752	0.99041		1.14E+00	0.064404	0.000151	0.021901	1.22E+00		1.12185	0.055392	0.000124	0.023261	1.200626			
632	490136.72	3859985.12	9.46714	11.93553	9.35968	15.88598		8.58E-01	0.05049	0.00018	0.03679	0.9454		1.08E+00	0.06373	0.000149	0.02148	1.17E+00		1.067417	0.054812	0.000121	0.022813	1.145164			
633	490186.72	3859985.12	9.25288	11.93806	9.14147	15.9931		8.39E-01	0.0505	0.00017	0.03704	0.92623		1.06E+00	0.063744	0.000145	0.021624	1.14E+00		1.043259	0.054824	0.000119	0.022967	1.121169			
634	490236.72	3859985.12	8.80409	11.74111	8.81953	15.59123		7.98E-01	0.04967	0.00017	0.03611	0.88379		1.01E+00	0.062692	0.00014	0.021081	1.09E+00		0.992658	0.05392	0.000114	0.02239	1.069082			
635	490286.72	3859985.12	8.73441	11.41063	8.48054	15.14462		7.92E-01	0.04827	0.00016	0.03508	0.87504		9.99E-01	0.060927	0.000135	0.020477	1.08E+00		0.984802	0.052402	0.00011	0.021748	1.059062			
636	490336.72	3859985.12	8.56843	11.13059	8.3134	14.43651		7.76E-01	0.04709	0.00016	0.03344	0.85717		9.80E-01	0.059432	0.000132	0.01952	1.06E+00		0.966088	0.051116	0.000108	0.020732	1.038043			
637	490386.72	3859985.12	8.31469	10.7085	8.27117	14.03352		7.53E-01	0.0453	0.00015	0.0325	0.83146		9.51E-01	0.057178	0.000131	0.018975	1.03E+00		0.937478	0.049177	0.000107	0.020153	1.006916			
638	490436.72	3859985.12	8.26938	10.34032	8.10307	13.39444		7.49E-01	0.04374	0.00015	0.03102	0.82431		9.46E-01	0.055212	0.000129	0.018111	1.02E+00		0.93237	0.047487	0.000105	0.019235	0.999197			
639	490486.72	3859985.12	7.91445	10.25552	8.06029	13.01131		7.17E-01	0.04339	0.00015	0.03014	0.7909		9.05E-01	0.05476	0.000128	0.017593	9.78E-01		0.892352	0.047097	0.000105	0.018685	0.958238			
640	490536.72	3859985.12	7.59437	10.20304	7.907	12.85723		6.88E-01	0.04316	0.00015	0.02978	0.76131		8.69E-01	0.054479	0.000126	0.017384	9.41E-01		0.856263	0.046856	0.000103	0.018464	0.921685			
641	490586.72	3859985.12	7.56085	9.89475	7.86799	12.61621		6.85E-01	0.04186	0.00015	0.02922	0.75641		8.65E-01	0.052833	0.000125	0.017058	9.35E-01		0.852483	0.04544	0.000102	0.018118	0.916143			
642	490636.72	3859985.12	7.51202	9.66298	7.88345	12.17902		6.81E-01	0.04088	0.00015	0.02821	0.74999		8.59E-01	0.051596	0.000125	0.016467	9.27E-01		0.846978	0.044376	0.000102	0.01749	0.908946			
643	490686.72	3859985.12	7.32712	9.68831	7.93933	12.06873		6.64E-01	0.04099	0.00015	0.02795	0.73309		8.38E-01	0.051731	0.000126	0.016318	9.06E-01		0.82613	0.044492	0.000103	0.017331	0.888057			
644	490736.72	3859985.12	7.19659	9.74301	7.76884	12.28294		6.52E-01	0.04122	0.00015	0.02845	0.72198		8.23E-01	0.052023	0.000123	0.016608	8.92E-01		0.811413	0.044744	0.000101	0.017639	0.873896			
645	490786.72	3859985.12	7.06482	9.8495	7.51328	11.94469		6.40E-01	0.04167	0.00014	0.02767	0.7097		8.08E-01	0.052592	0.000119	0.016151	8.77E-01		0.796556	0.045233	9.75E-05	0.017153	0.859039			
646	490086.72	3860035.12	9.99609	12.22823	9.35076	16.10621		9.06E-01	0.05173	0.00018	0.03731	0.99508		1.14E+00	0.065293	0.000149	0.021777	1.23E+00		1.127056	0.056157	0.000121	0.023129	1.206463			
647	490136.72	3860035.12	9.75723	11.8212	9.36334	15.91114		8.84E-01	0.05001	0.00018	0.03685	0.97126		1.12E+00	0.06312	0.000149	0.021514	1.20E+00		1.100124	0.054287	0.000122	0.022849	1.177382			
648	490186.72	3860035.12	9.35721	11.71266	9.22654	15.56263		8.48E-01	0.04955	0.00017	0.03605	0.93374		1.07E+00	0.06254	0.000147	0.021042	1.15E+00		1.055022	0.053789	0.00012	0.022349	1.13128			
649	490236.72	3860035.12	9.07084	11.75879	9.07182	15.68746		8.22E-01	0.04975	0.00017	0.03634	0.90827		1.04E+00	0.062786	0.000144	0.021211	1.12E+00		1.022734	0.054001	0.000118	0.022528	1.099381			
650	490286.72	3860035.12	8.61209	11.53263	8.7184	15.38281		7.80E-01	0.04879	0.00016	0.03563	0.86503		9.85E-01	0.061579	0.000139	0.020799	1.07E+00		0.97101	0.052962	0.000113	0.022091	1.046176			
651	490336.72	3860035.12	8.51085	11.22484	8.38976	14.86521		7.71E-01	0.04749	0.00016	0.03443	0.85335		9.73E-01	0.059935	0.000133	0.020099	1.05E+00		0.959595	0.051549	0.000109	0.021347	1.0326			
652	490386.72	3860035.12	8.35796	10.89771	8.15225	14.24973		7.57E-01	0.0461	0.00015	0.03301	0.83668		9.56E-01	0.058189	0.00013	0.019267	1.03E+00		0.942357	0.050046	0.000106	0.020463	1.012973			
653	490436.72	3860035.12	8.21862	10.55906	8.1337	13.81885		7.45E-01	0.04467	0.00015	0.03201	0.82162		9.40E-01	0.05638	0.000129	0.018685	1.02E+00		0.926647	0.048491	0.000106	0.019845	0.995088			
654	490486.72	3860035.12	8.10896	10.12037	7.98725	13.28773		7.35E-01	0.04281	0.00015	0.03078	0.80859		9.27E-01	0.054038	0.000127	0.017966	1.00E+00		0.914282	0.046476	0.000104	0.019082	0.979945			
655	490536.72	3860035.12	7.90011	10.15325	7.92773	12.75376		7.16E-01	0.04295	0.00015	0.02954	0.78857		9.04E-01	0.054213	0.000126	0.017244	9.75E-01		0.890735	0.046627	0.000103	0.018315	0.95578			
656	490586.72	3860035.12	7.45521	10.00298	7.81324	12.73954		6.76E-01	0.04232	0.00015	0.02951	0.74758		8.53E-01	0.053411	0.000124	0.017225	9.23E-01		0.840572	0.045937	0.000101	0.018295	0.904906			
657	490636.72	3860035.12	7.3631	9.74431	7.63182	12.52131		6.67E-01	0.04122	0.00014	0.029	0.73763		8.42E-01	0.05203	0.000121	0.01693	9.11E-01		0.830187	0.044749	9.91E-05	0.017981	0.893017			
658	490686.72	3860035.12	7.37003	9.43587	7.71395	11.92217		6.68E-01	0.03992	0.00014	0.02761	0.73556		8.43E-01	0.050383	0.000123	0.01612	9.10E-01		0.830968	0.043333	0.0001	0.017121	0.891522			
659	490736.72	3860035.12	7.2478	9.46315	7.75679	11.87203		6.57E-01	0.04003	0.00015	0.0275	0.72449		8.29E-01	0.050529	0.000123	0.016052	8.96E-01		0.817187	0.043458	0.000101	0.017049	0.877795			
660	490786.72	3860035.12	7.12594	9.4883	7.69964	12.0039		6.46E-01	0.04014	0.00014	0.0278	0.71386		8.15E-01	0.050663	0.000122	0.016231	8.82E-01		0.803447	0.043574	9.99E-05	0.017238	0.864359			
661	490836.72	3860035.12	6.98731	9.59752	7.4217	11.72999		6.33E-01	0.0406	0.00014	0.02717	0.70111		7.99E-01	0.051246	0.000118	0.01586	8.66E-01		0.787817	0.044075	9.63E-05	0.016845	0.848833			
662	490086.72	3860085.12	9.96884	12.09596	9.10548	15.71929		9.03E-01	0.05117	0.00017	0.03641	0.99115		1.14E+00	0.064587	0.000145	0.021254	1.23E+00		1.123983	0.055549	0.000118	0.022574	1.202224			
663	490136.72	3860085.12	9.78231	12.013	9.21594	15.77904		8.86E-01	0.05082	0.00017	0.03655	0.97403		1.12E+00	0.064144	0.000146	0.021335	1.20E+00		1.102952	0.055168	0.00012	0.02266	1.180899			
664	490186.72	3860085.12	9.5873	11.61935	9.25154	15.67383		8.69E-01	0.04916	0.00017	0.0363	0.95445		1.10E+00	0.062042	0.000147	0.021193	1.18E+00		1.080965	0.05336	0.00012	0.022508	1.156954			
665	490236.72	3860085.12	9.2391	11.51409	9.09967	15.25615		8.37E-01	0.04871	0.00017	0.03534	0.92148		1.06E+00	0.06148	0.000145	0.020628	1.14E+00		1.041705	0.052877	0.000118	0.021909	1.116609			
666	490286.72	3860085.12	8.9704	11.58138	8.98841	15.34643		8.13E-01	0.049	0.00017	0.03555	0.89763		1.03E+00	0.061839	0.000143	0.02075	1.11E+00		1.01141	0.053186	0.000117	0.022038	1.08675			
667	490336.72	3860085.12	8.51751	11.33054	8.62113	15.14422		7.72E-01	0.04793	0.00016	0.03508	0.85505		9.74E-01	0.0605	0.000137	0.020477	1.06E+00		0.960346	0.052034	0.000112	0.021748	1.03424			

668	490386.72	3860085.12	8.31568	11.00383	8.27833	14.60131	7.54E-01	0.04655	0.00015	0.03382	0.83411	9.51E-01	0.058755	0.000132	0.019743	1.03E+00	0.93759	0.050534	0.000107	0.020968	1.009199
669	490436.72	3860085.12	8.22684	10.70859	8.01323	14.07248	7.46E-01	0.0453	0.00015	0.03259	0.82358	9.41E-01	0.057179	0.000127	0.019028	1.02E+00	0.927573	0.049178	0.000104	0.020209	0.997064
670	490486.72	3860085.12	8.13787	10.39981	7.99226	13.58258	7.37E-01	0.044	0.00015	0.03146	0.81308	9.31E-01	0.05553	0.000127	0.018365	1.00E+00	0.917542	0.04776	0.000104	0.019505	0.984911
671	490536.72	3860085.12	7.9415	9.98925	7.8746	13.12707	7.20E-01	0.04226	0.00015	0.0304	0.79249	9.08E-01	0.053338	0.000125	0.017749	9.80E-01	0.895401	0.045874	0.000102	0.018851	0.960229
672	490586.72	3860085.12	7.81834	10.00355	7.8326	12.48107	7.09E-01	0.04232	0.00015	0.02891	0.77989	8.94E-01	0.053414	0.000124	0.016876	9.65E-01	0.881515	0.04594	0.000102	0.017923	0.94548
673	490636.72	3860085.12	7.35084	9.77533	7.68102	12.43887	6.66E-01	0.04135	0.00014	0.02881	0.73646	8.41E-01	0.052196	0.000122	0.016819	9.10E-01	0.828805	0.044892	9.97E-05	0.017863	0.891659
674	490686.72	3860085.12	7.23294	9.63019	7.46245	12.35916	6.55E-01	0.04074	0.00014	0.02863	0.72497	8.27E-01	0.051421	0.000119	0.016711	8.96E-01	0.815512	0.044225	9.69E-05	0.017748	0.877582
675	490736.72	3860085.12	7.23776	9.28975	7.58175	11.76918	6.56E-01	0.0393	0.00014	0.02726	0.7226	8.28E-01	0.049603	0.00012	0.015913	8.93E-01	0.816055	0.042662	9.84E-05	0.016901	0.875717
676	490786.72	3860085.12	7.1651	9.229	7.58534	11.61597	6.49E-01	0.03904	0.00014	0.0269	0.71541	8.20E-01	0.049278	0.000121	0.015706	8.85E-01	0.807863	0.042383	9.85E-05	0.016681	0.867025
677	490836.72	3860085.12	7.0099	9.21146	7.61584	11.6643	6.35E-01	0.03897	0.00014	0.02702	0.70138	8.02E-01	0.049185	0.000121	0.015771	8.67E-01	0.790364	0.042302	9.89E-05	0.016751	0.849516
678	490086.72	3860135.12	9.85797	11.9239	8.79643	15.3019	8.93E-01	0.05044	0.00016	0.03544	0.9794	1.13E+00	0.063668	0.00014	0.02069	1.21E+00	1.111483	0.054759	0.000114	0.021974	1.18833
679	490136.72	3860135.12	9.72105	11.81778	8.89465	15.3983	8.81E-01	0.05	0.00017	0.03567	0.96677	1.11E+00	0.063101	0.000141	0.02082	1.20E+00	1.096045	0.054272	0.000115	0.022113	1.172545
680	490186.72	3860135.12	9.57202	11.80052	9.08186	15.46203	8.67E-01	0.04992	0.00017	0.03581	0.95334	1.09E+00	0.063009	0.000144	0.020906	1.18E+00	1.079242	0.054192	0.000118	0.022204	1.155757
681	490236.72	3860135.12	9.38778	11.37082	9.10746	15.43118	8.51E-01	0.0481	0.00017	0.03574	0.93476	1.07E+00	0.060715	0.000145	0.020865	1.16E+00	1.058469	0.052219	0.000118	0.02216	1.132966
682	490286.72	3860135.12	9.11036	11.29998	8.92854	14.96148	8.26E-01	0.0478	0.00017	0.03465	0.90823	1.04E+00	0.060336	0.000142	0.02023	1.12E+00	1.02719	0.051894	0.000116	0.021485	1.100685
683	490336.72	3860135.12	8.84882	11.38039	8.88094	14.99195	8.02E-01	0.04814	0.00017	0.03472	0.88493	1.01E+00	0.060766	0.000141	0.020271	1.09E+00	0.997701	0.052263	0.000115	0.021529	1.071609
684	490386.72	3860135.12	8.42579	11.14252	8.51847	14.89257	7.64E-01	0.04714	0.00016	0.03449	0.84535	9.64E-01	0.059496	0.000135	0.020136	1.04E+00	0.950005	0.051171	0.000111	0.021387	1.022673
685	490436.72	3860135.12	8.13961	10.83902	8.16843	14.37419	7.38E-01	0.04585	0.00015	0.03329	0.81693	9.31E-01	0.057875	0.00013	0.019435	1.01E+00	0.917738	0.049777	0.000106	0.020642	0.988263
686	490486.72	3860135.12	8.09183	10.54407	7.92362	13.96124	7.33E-01	0.04461	0.00015	0.03234	0.81039	9.26E-01	0.0563	0.000126	0.018877	1.00E+00	0.912351	0.048422	0.000103	0.020049	0.980925
687	490536.72	3860135.12	7.92088	10.30805	7.86827	13.38342	7.18E-01	0.04361	0.00015	0.031	0.79256	9.06E-01	0.05504	0.000125	0.018096	9.79E-01	0.893077	0.047338	0.000102	0.019219	0.959736
688	490586.72	3860135.12	7.72399	9.87842	7.7308	12.90474	7.00E-01	0.04179	0.00014	0.02989	0.77179	8.83E-01	0.052746	0.000123	0.017449	9.54E-01	0.870877	0.045365	0.0001	0.018532	0.934875
689	490636.72	3860135.12	7.68942	9.79468	7.70037	12.25952	6.97E-01	0.04144	0.00014	0.0284	0.76681	8.80E-01	0.052299	0.000122	0.016576	9.49E-01	0.866979	0.044981	1E-04	0.017605	0.929666
690	490686.72	3860135.12	7.32703	9.58248	7.57832	12.2087	6.64E-01	0.04054	0.00014	0.02828	0.73295	8.38E-01	0.051166	0.00012	0.016507	9.06E-01	0.82612	0.044006	9.84E-05	0.017532	0.887757
691	490736.72	3860135.12	7.08855	9.53719	7.31119	12.07169	6.42E-01	0.04035	0.00014	0.02796	0.71082	8.11E-01	0.050924	0.000116	0.016322	8.78E-01	0.799232	0.043798	9.49E-05	0.017336	0.86046
692	490786.72	3860135.12	7.05772	9.14938	7.459	11.64274	6.40E-01	0.03871	0.00014	0.02697	0.7054	8.07E-01	0.048853	0.000119	0.015742	8.72E-01	0.795756	0.042017	9.68E-05	0.01672	0.854589
693	490836.72	3860135.12	7.02074	8.96866	7.43156	11.33668	6.36E-01	0.03794	0.00014	0.02626	0.70057	8.03E-01	0.047888	0.000118	0.015328	8.66E-01	0.791586	0.041187	9.65E-05	0.01628	0.84915
694	490086.72	3860185.12	9.5685	11.56298	8.79303	14.85274	8.67E-01	0.04892	0.00016	0.0344	0.9506	1.09E+00	0.061741	0.00014	0.020083	1.18E+00	1.078845	0.053101	0.000114	0.021329	1.15339
695	490136.72	3860185.12	9.63453	11.71335	8.65627	15.00917	8.73E-01	0.04955	0.00016	0.03476	0.95758	1.10E+00	0.062544	0.000138	0.020294	1.18E+00	1.08629	0.053792	0.000112	0.021554	1.161748
696	490186.72	3860185.12	9.54674	11.62314	8.73935	15.09487	8.65E-01	0.04917	0.00016	0.03496	0.94944	1.09E+00	0.062062	0.000139	0.02041	1.17E+00	1.076392	0.053378	0.000113	0.021677	1.15156
697	490236.72	3860185.12	9.39419	11.56947	8.94195	15.14979	8.51E-01	0.04894	0.00017	0.03509	0.93552	1.07E+00	0.061775	0.000142	0.020484	1.16E+00	1.059192	0.053131	0.000116	0.021756	1.134195
698	490286.72	3860185.12	9.1772	11.14375	8.94211	15.18176	8.32E-01	0.04714	0.00017	0.03516	0.91413	1.05E+00	0.059502	0.000142	0.020527	1.13E+00	1.034726	0.051176	0.000116	0.021802	1.10782
699	490336.72	3860185.12	8.99277	11.06958	8.77674	14.62494	8.15E-01	0.04683	0.00016	0.03387	0.89581	1.03E+00	0.059106	0.000139	0.019775	1.11E+00	1.013932	0.050836	0.000114	0.021002	1.085883
700	490386.72	3860185.12	8.66009	11.16083	8.73506	14.63104	7.85E-01	0.04722	0.00016	0.03389	0.86606	9.91E-01	0.059593	0.000139	0.019783	1.07E+00	0.976422	0.051255	0.000113	0.021011	1.048801
701	490436.72	3860185.12	8.30854	10.9667	8.4123	14.65372	7.53E-01	0.04639	0.00016	0.03394	0.83343	9.50E-01	0.058557	0.000134	0.019813	1.03E+00	0.936785	0.050363	0.000109	0.021044	1.008301
702	490486.72	3860185.12	7.96386	10.71375	8.06159	14.18648	7.22E-01	0.04532	0.00015	0.03286	0.80004	9.11E-01	0.057206	0.000128	0.019182	9.87E-01	0.897922	0.049202	0.000105	0.020373	0.967601
703	490536.72	3860185.12	7.94806	10.39183	7.84023	13.80893	7.20E-01	0.04396	0.00015	0.03198	0.79636	9.09E-01	0.055487	0.000125	0.018671	9.83E-01	0.896141	0.047723	0.000102	0.01983	0.963796
704	490586.72	3860185.12	7.73802	10.21206	7.73845	13.17285	7.01E-01	0.0432	0.00014	0.03051	0.77509	8.85E-01	0.054528	0.000123	0.017811	9.58E-01	0.872459	0.046898	0.0001	0.018917	0.938374
705	490636.72	3860185.12	7.61843	9.72897	7.59863	12.70777	6.90E-01	0.04116	0.00014	0.02943	0.76113	8.71E-01	0.051948	0.000121	0.017182	9.41E-01	0.858975	0.044679	9.86E-05	0.018249	0.922002
706	490686.72	3860185.12	7.54557	9.54371	7.5509	12.08491	6.84E-01	0.04037	0.00014	0.02799	0.7523	8.63E-01	0.050959	0.00012	0.01634	9.30E-01	0.85076	0.043828	9.8E-05	0.017355	0.912041
707	490736.72	3860185.12	7.29336	9.36106	7.45449	12.0144	6.61E-01	0.0396	0.00014	0.02783	0.72851	8.34E-01	0.049984	0.000118	0.016245	9.01E-01	0.822324	0.042989	9.68E-05	0.017253	0.882663
708	490786.72	3860185.12	6.91701	9.36353	7.23321	11.73917	6.27E-01	0.03961	0.00014	0.02719	0.69377	7.91E-01	0.049997	0.000115	0.015873	8.57E-01	0.779891	0.043001	9.39E-05	0.016858	0.839843
709	490836.72	3860185.12	6.8676	9.03261	7.27719	11.50772	6.22E-01	0.03821	0.00014	0.02665	0.68736	7.86E-01	0.04823	0.000116	0.01556	8.49E-01	0.77432	0.041481	9.45E-05	0.016526	0.832421
710	490086.72	3860235.12	9.19897	11.21548	8.67289	14.54538	8.34E-01	0.04745	0.00016	0.03369	0.91493	1.05E+00	0.059885	0.000138	0.019667	1.13E+00	1.037181	0.051506	0.000113	0.020888	1.109687
711	490136.72	3860235.12	9.37939	11.36918	8.65363	14.55573	8.50E-01	0.0481	0.00016	0.03371	0.93195	1.07E+00	0.060706	0.000138	0.019681	1.15E+00	1.057523	0.052211	0.000112	0.020903	1.13075
712	490186.72	3860235.12	9.41665	11.50517	8.5168	14.72351	8.53E-01	0.04867	0.00016	0.0341	0.93629	1.08E+00	0.061432	0.000135	0.019908	1.16E+00	1.061724	0.052836	0.000111	0.021144	1.135814
713	490236.72	3860235.12	9.37708	11.41587	8.57671	14.79612	8.50E-01	0.04829	0.00016	0.03427	0.9325	1.07E+00	0.060955	0.000136	0.020006	1.15E+00	1.057263	0.052426	0.000111	0.021248	1.131048
714	490286.72	3860235.12	9.22098	11.34854	8.78657	14.84473	8.36E-01	0.04801	0.00016	0.03438	0.91818	1.05E+00	0.060596	0.00014	0.020072	1.14E+00	1.039662	0.052117	0.000114	0.021318	1.113211
715	490336.72	3860235.12	8.9403	10.92897	8.7484	14.90061	8.10E-01	0.04624	0.00016	0.03451	0.8911	1.02E+00	0.058355	0.000139	0.020147	1.10E+00	1.008016	0.05019	0.000114	0.021398	1.079717
716	490386.72	3860235.12	8.84348	10.84733	8.63839	14.29692	8.01E-01	0.04589	0.00016	0.03311	0.88058	1.01E+00	0.05792	0.000137	0.019331	1.09E+00	0.997099	0.049815	0.000112	0.020531	1.067558
717	490436.72	3860235.12	8.52078	10.95693	8.58937	14.33563	7.72E-01	0.04635	0.00016	0.0332	0.85189	9.75E-01	0.058505	0.000137	0.019383	1.05E+00	0.960715	0.050318	0.000111	0.020587	1.031732
718	490486.72	3860235.12	8.2088	10.79635	8.32648	14.42424	7.44E-01	0.04567	0.00016	0.03341	0.82314	9.39E-01	0.057647	0.000132	0.019503	1.02E+00	0.925539	0.049581	0.000108	0.020714	0.995942
719	490536.72	3860235.12	7.83986	10.5541	7.95928	13.99637	7.10E-01	0.04465	0.00015	0.03242	0.78768	8.97E-01	0.056354	0.000126	0.018925	9.72E-01	0.883942	0.048468	0.000103	0.0201	0.952613
720	490586.72	3860235.12	7.75989	10.22876	7.75407	13.64649	7.03E-01	0.04327	0.00015	0.03161	0.77824	8.88E-01	0.054617	0.000123	0.018452	9.61E-01	0.874925	0.046974	0.000101	0.019597	0.941597
721	490636.72	3860235.12	7.62037	10.07586	7.5493	12.97812	6.91E-01	0.04263	0.00014	0.03006	0.7634	8.72E-01	0.0538	0.00012	0.017548	9.43E-01	0.859194	0.046272	9.8E-05	0.018637	0.924201
722	490686.72	3860235.12	7.51828	9.59204	7.48438	12.57516	6.81E-01	0.04058	0.00014	0.02913	0.75117	8.60E-01	0.051217	0.000119	0.017003	9.28E-01	0.847683	0.04405	9.72E-05	0.018059	0.909889
723	490736.72	3860235.12	7.38159	9.27413	7.39777	11.96704	6.69E-01	0.03923	0.00014	0.02772	0.73603	8.44E-01	0.049519	0.000118	0.016181	9.10E-01	0.832272	0.04259	9.6E-05	0.017185	0.892143
724	490786.72	3860235.12	7.23767	9.20837	7.29125	11.77384	6.56E-01	0.03896	0.00014	0.02727	0.72226	8.28E-01	0.049168	0.000116	0.01592	8.93E-01	0.816045	0.042288	9.46E-05	0.016908	0.875336
725	490086.72	3860285.12	9.1821	10.80637	8.28907	14.31421	8.32E-01	0.04572	0.00016	0.03315	0.91113	1.05E+00	0.057701	0.000132	0.019354	1.13E+00	1.035279	0.049627	0.000108	0.020556	1.105569
726	490136.72	3860285.12	9.00243	11.02195	8.54634	14.22247	8.16E-01	0.04663	0.00016	0.03294	0.89555	1.03E+00	0.058852	0.000136	0.01923	1.11E+00	1.015021	0.050617	0.000111	0.020424	1.086173
727	490186.72	3860285.12	9.1738	11.15507	8.49497	14.26673	8.31E-01	0.04719	0.00016	0.03304	0.91174	1.05E+00	0.059563	0.000135	0.01929	1.13E+00	1.034343	0.051228	0.00011	0.020488	1.106169
728	490236.72	3860285.12	9.20929	11.29843	8.37831	14.44439	8.35E-01	0.0478	0.00016	0.03346	0.91598	1.05E+00	0.060328	0.000133	0.01953	1.13E+00	1.038344	0.051887	0.000109	0.020743	1.111083

729	490286.72	3860285.12	9.20498	11.21381	8.40626	14.50477	8.34E-01	0.04744	0.00016	0.0336	0.91537	1.05E+00	0.059876	0.000134	0.019612	1.13E+00	1.037858	0.051498	0.000109	0.02083	1.110295
730	490336.72	3860285.12	9.03376	11.13302	8.62948	14.54581	8.19E-01	0.0471	0.00016	0.03369	0.89961	1.03E+00	0.059445	0.000137	0.019668	1.11E+00	1.018553	0.051127	0.000112	0.020889	1.090681
731	490386.72	3860285.12	8.76337	10.72281	8.55664	14.61556	7.94E-01	0.04536	0.00016	0.03385	0.87353	1.00E+00	0.057255	0.000136	0.019762	1.08E+00	0.988067	0.049243	0.000111	0.020989	1.05841
732	490436.72	3860285.12	8.68979	10.63151	8.50467	13.96796	7.87E-01	0.04498	0.00016	0.03235	0.86498	9.94E-01	0.056767	0.000135	0.018886	1.07E+00	0.979771	0.048824	0.00011	0.020059	1.048764
733	490486.72	3860285.12	8.39468	10.70834	8.4191	14.05211	7.61E-01	0.0453	0.00016	0.03255	0.83875	9.60E-01	0.057177	0.000134	0.019	1.04E+00	0.946497	0.049177	0.000109	0.02018	1.015963
734	490536.72	3860285.12	8.04461	10.61737	8.21863	14.16404	7.29E-01	0.04492	0.00015	0.03281	0.8069	9.20E-01	0.056692	0.000131	0.019151	9.96E-01	0.907027	0.048759	0.000107	0.02034	0.976233
735	490586.72	3860285.12	7.6902	10.34819	7.85798	13.79298	6.97E-01	0.04378	0.00015	0.03195	0.77277	8.80E-01	0.055254	0.000125	0.01865	9.54E-01	0.867067	0.047523	0.000102	0.019807	0.9345
736	490636.72	3860285.12	7.57476	10.01267	7.67734	13.44558	6.86E-01	0.04236	0.00014	0.03114	0.76009	8.66E-01	0.053463	0.000122	0.01818	9.38E-01	0.854052	0.045982	9.97E-05	0.019309	0.919442
737	490686.72	3860285.12	7.52155	9.90467	7.36634	12.7698	6.82E-01	0.0419	0.00014	0.02958	0.75324	8.60E-01	0.052886	0.000117	0.017266	9.31E-01	0.848052	0.045486	9.56E-05	0.018338	0.911972
738	490736.72	3860285.12	7.3255	9.44181	7.36195	12.42819	6.64E-01	0.03994	0.00014	0.02879	0.73272	8.38E-01	0.050415	0.000117	0.016804	9.05E-01	0.825948	0.04336	9.56E-05	0.017848	0.887251
739	490786.72	3860285.12	7.16109	9.0644	7.2646	11.85674	6.49E-01	0.03835	0.00014	0.02746	0.7149	8.19E-01	0.0484	0.000115	0.016032	8.84E-01	0.80741	0.041627	9.43E-05	0.017027	0.866159
740	490086.72	3860335.12	8.78997	10.3576	7.99743	13.9358	7.97E-01	0.04382	0.00015	0.03228	0.87281	1.01E+00	0.055305	0.000127	0.018843	1.08E+00	0.991066	0.047566	0.000104	0.020013	1.058748
741	490136.72	3860335.12	8.9828	10.63726	8.17091	14.03553	8.14E-01	0.045	0.00015	0.03251	0.8917	1.03E+00	0.056798	0.00013	0.018978	1.10E+00	1.012808	0.04885	0.000106	0.020156	1.08192
742	490186.72	3860335.12	8.8117	10.80664	8.4149	13.90664	7.99E-01	0.04572	0.00016	0.03221	0.87662	1.01E+00	0.057702	0.000134	0.018803	1.08E+00	0.993516	0.049628	0.000109	0.019971	1.063224
743	490236.72	3860335.12	8.966	10.94915	8.34541	13.9645	8.13E-01	0.04632	0.00016	0.03234	0.89134	1.03E+00	0.058463	0.000133	0.018882	1.10E+00	1.010913	0.050283	0.000108	0.020054	1.081358
744	490286.72	3860335.12	9.02469	11.0891	8.24705	14.17061	8.18E-01	0.04691	0.00015	0.03282	0.89773	1.03E+00	0.05921	0.000131	0.01916	1.11E+00	1.017531	0.050925	0.000107	0.02035	1.088913
745	490336.72	3860335.12	9.03869	11.01799	8.23366	14.2207	8.19E-01	0.04661	0.00015	0.03294	0.89881	1.03E+00	0.058831	0.000131	0.019228	1.11E+00	1.019109	0.050599	0.000107	0.020422	1.090236
746	490386.72	3860335.12	8.84202	10.92886	8.48399	14.25486	8.01E-01	0.04623	0.00016	0.03302	0.88069	1.01E+00	0.058355	0.000135	0.019274	1.09E+00	0.996935	0.050189	0.00011	0.020471	1.067705
747	490436.72	3860335.12	8.60587	10.51757	8.37224	14.33471	7.80E-01	0.04449	0.00016	0.0332	0.85774	9.84E-01	0.056159	0.000133	0.019382	1.06E+00	0.970309	0.048301	0.000109	0.020585	1.039304
748	490486.72	3860335.12	8.53584	10.41766	8.37043	13.68076	7.74E-01	0.04407	0.00016	0.03169	0.84945	9.76E-01	0.055625	0.000133	0.018498	1.05E+00	0.962413	0.047842	0.000109	0.019646	1.03001
749	490536.72	3860335.12	8.28053	10.46674	8.25487	13.7705	7.50E-01	0.04428	0.00015	0.0319	0.82673	9.47E-01	0.055887	0.000131	0.018619	1.02E+00	0.933627	0.048067	0.000107	0.019775	1.001576
750	490586.72	3860335.12	7.92978	10.42649	8.09649	13.88185	7.19E-01	0.04411	0.00015	0.03215	0.79503	9.07E-01	0.055672	0.000129	0.01877	9.82E-01	0.89408	0.047882	0.000105	0.019935	0.962002
751	490636.72	3860335.12	7.58713	10.14344	7.76727	13.57601	6.88E-01	0.04291	0.00015	0.03144	0.76206	8.68E-01	0.054161	0.000123	0.018356	9.40E-01	0.855446	0.046582	0.000101	0.019496	0.921625
752	490686.72	3860335.12	7.42024	9.84912	7.61574	13.15853	6.72E-01	0.04167	0.00014	0.03048	0.74472	8.49E-01	0.05259	0.000121	0.017792	9.19E-01	0.83663	0.045231	9.89E-05	0.018896	0.900856
753	490736.72	3860335.12	7.41957	9.70579	7.22701	12.51396	6.72E-01	0.04106	0.00014	0.02898	0.74256	8.49E-01	0.051824	0.000115	0.01692	9.17E-01	0.836554	0.044573	9.38E-05	0.017971	0.899191
754	490786.72	3860335.12	7.15155	9.32727	7.24311	12.21654	6.48E-01	0.03946	0.00014	0.0283	0.71598	8.18E-01	0.049803	0.000115	0.016518	8.84E-01	0.806335	0.042834	9.4E-05	0.017544	0.866807
755	490086.72	3860385.12	8.53822	10.17949	7.909	13.33691	7.74E-01	0.04306	0.00015	0.03089	0.84785	9.77E-01	0.054354	0.000126	0.018033	1.05E+00	0.962681	0.046748	0.000103	0.019153	1.028685
756	490136.72	3860385.12	8.62276	10.19457	7.88214	13.70618	7.81E-01	0.04313	0.00015	0.03175	0.85643	9.86E-01	0.054434	0.000125	0.018532	1.06E+00	0.972213	0.046817	0.000102	0.019683	1.038816
757	490186.72	3860385.12	8.77738	10.45689	8.04453	13.75969	7.95E-01	0.04424	0.00015	0.03187	0.87168	1.00E+00	0.055835	0.000128	0.018605	1.08E+00	0.989647	0.048022	0.000104	0.01976	1.057533
758	490236.72	3860385.12	8.6243	10.58792	8.27119	13.59376	7.82E-01	0.04479	0.00015	0.03149	0.85799	9.86E-01	0.056534	0.000131	0.01838	1.06E+00	0.972387	0.048624	0.000107	0.019521	1.040639
759	490286.72	3860385.12	8.74901	10.72469	8.18279	13.66248	7.93E-01	0.04537	0.00015	0.03164	0.87002	1.00E+00	0.057265	0.00013	0.018473	1.08E+00	0.986448	0.049252	0.000106	0.01962	1.055426
760	490336.72	3860385.12	8.8443	10.88039	8.11722	13.903	8.01E-01	0.04603	0.00015	0.0322	0.87987	1.01E+00	0.058096	0.000129	0.018798	1.09E+00	0.997192	0.049967	0.000105	0.019965	1.067229
761	490386.72	3860385.12	8.87911	10.82645	8.09784	13.94329	8.05E-01	0.0458	0.00015	0.0323	0.88289	1.02E+00	0.057808	0.000129	0.018853	1.09E+00	1.001117	0.049719	0.000105	0.020023	1.070964
762	490436.72	3860385.12	8.66805	10.71671	8.33525	13.97045	7.86E-01	0.04534	0.00016	0.03236	0.86337	9.91E-01	0.057222	0.000132	0.01889	1.07E+00	0.97732	0.049215	0.000108	0.020062	1.046705
763	490486.72	3860385.12	8.46076	10.33523	8.2323	14.06477	7.67E-01	0.04372	0.00015	0.03258	0.84319	9.68E-01	0.055185	0.000131	0.019017	1.04E+00	0.953948	0.047463	0.000107	0.020198	1.021716
764	490536.72	3860385.12	8.36943	10.22018	8.23666	13.42043	7.58E-01	0.04324	0.00015	0.03108	0.83293	9.57E-01	0.054571	0.000131	0.018146	1.03E+00	0.94365	0.046935	0.000107	0.019272	1.009965
765	490586.72	3860385.12	8.17697	10.22453	8.11945	13.47168	7.41E-01	0.04325	0.00015	0.0312	0.81562	9.35E-01	0.054594	0.000129	0.018215	1.01E+00	0.921951	0.046955	0.000105	0.019346	0.988357
766	490636.72	3860385.12	7.84053	10.22687	7.97754	13.60411	7.11E-01	0.04326	0.00015	0.03151	0.78545	8.97E-01	0.054607	0.000127	0.018394	9.70E-01	0.884017	0.046966	0.000104	0.019536	0.950622
767	490686.72	3860385.12	7.49342	9.9543	7.69095	13.35902	6.79E-01	0.04211	0.00014	0.03094	0.75227	8.57E-01	0.053151	0.000122	0.018063	9.28E-01	0.844881	0.045714	9.98E-05	0.019184	0.909878
768	490736.72	3860385.12	7.27576	9.70402	7.53301	12.86846	6.59E-01	0.04105	0.00014	0.02981	0.73034	8.32E-01	0.051815	0.00012	0.0174	9.02E-01	0.820339	0.044564	9.78E-05	0.01848	0.883481
769	490786.72	3860385.12	7.26537	9.5162	7.11374	12.33275	6.58E-01	0.04026	0.00013	0.02856	0.72736	8.31E-01	0.050812	0.000113	0.016675	8.99E-01	0.819168	0.043702	9.23E-05	0.01771	0.880673
770	490136.72	3860435.12	8.38573	9.99756	7.78559	13.13563	7.60E-01	0.04229	0.00015	0.03042	0.8328	9.59E-01	0.053382	0.000124	0.017761	1.03E+00	0.945488	0.045913	0.000101	0.018863	1.010365
771	490186.72	3860435.12	8.45294	10.01236	7.73933	13.46568	7.66E-01	0.04236	0.00014	0.03119	0.83971	9.67E-01	0.053461	0.000123	0.018207	1.04E+00	0.953066	0.04598	0.0001	0.019337	1.018484
772	490236.72	3860435.12	8.5879	10.29058	7.91883	13.49559	7.78E-01	0.04353	0.00015	0.03126	0.85319	9.82E-01	0.054947	0.000126	0.018248	1.06E+00	0.968283	0.047258	0.000103	0.01938	1.035024
773	490286.72	3860435.12	8.42799	10.36413	8.11553	13.27642	7.64E-01	0.04385	0.00015	0.03075	0.83851	9.64E-01	0.055339	0.000129	0.017951	1.04E+00	0.950253	0.047596	0.000105	0.019066	1.01702
774	490336.72	3860435.12	8.54067	10.50292	8.02488	13.3629	7.74E-01	0.04443	0.00015	0.03095	0.84951	9.77E-01	0.056081	0.000128	0.018068	1.05E+00	0.962958	0.048233	0.000104	0.01919	1.030485
775	490386.72	3860435.12	8.664	10.6732	7.96939	13.62641	7.85E-01	0.04515	0.00015	0.03156	0.86201	9.91E-01	0.05699	0.000127	0.018424	1.07E+00	0.976863	0.049015	0.000103	0.019568	1.04555
776	490436.72	3860435.12	8.70874	10.6381	7.9623	13.67219	7.89E-01	0.045	0.00015	0.03167	0.86603	9.96E-01	0.056802	0.000127	0.018486	1.07E+00	0.981907	0.048854	0.000103	0.019634	1.050499
777	490486.72	3860435.12	8.49358	10.51219	8.1967	13.70462	7.70E-01	0.04447	0.00015	0.03174	0.84607	9.71E-01	0.05613	0.00013	0.01853	1.05E+00	0.957648	0.048276	0.000106	0.019681	1.025711
778	490536.72	3860435.12	8.32722	10.15312	8.09835	13.79937	7.55E-01	0.04295	0.00015	0.03196	0.8297	9.52E-01	0.054213	0.000129	0.018658	1.03E+00	0.938891	0.046627	0.000105	0.019817	1.00544
779	490586.72	3860435.12	8.18853	10.01557	8.09769	13.1601	7.42E-01	0.04237	0.00015	0.03048	0.81507	9.37E-01	0.053478	0.000129	0.017794	1.01E+00	0.923254	0.045995	0.000105	0.018899	0.988253
780	490636.72	3860435.12	8.02572	9.94155	7.99686	13.17333	7.27E-01	0.04206	0.00015	0.03051	0.80003	9.18E-01	0.053083	0.000127	0.017812	9.89E-01	0.904897	0.045655	0.000104	0.018918	0.969574
781	490686.72	3860435.12	7.70143	10.04622	7.88366	13.27913	6.98E-01	0.0425	0.00015	0.03076	0.77132	8.81E-01	0.053642	0.000125	0.017955	9.53E-01	0.868334	0.046136	0.000102	0.01907	0.933641
782	490736.72	3860435.12	7.4252	9.81034	7.61964	13.12674	6.73E-01	0.0415	0.00014	0.0304	0.74494	8.49E-01	0.052383	0.000121	0.017749	9.20E-01	0.837189	0.045053	9.89E-05	0.018851	0.901191
783	490786.72	3860435.12	7.13796	9.56991	7.44335	12.65332	6.47E-01	0.04049	0.00014	0.02931	0.71679	8.16E-01	0.051099	0.000118	0.017109	8.85E-01	0.804803	0.043949	9.66E-05	0.018171	0.867019
784	490136.72	3860485.12	8.03043	9.81365	7.77793	12.32988	7.28E-01	0.04152	0.00015	0.02856	0.79796	9.19E-01	0.0524	0.000124	0.016671	9.88E-01	0.905428	0.045068	0.000101	0.017706	0.968303
785	490186.72	3860485.12	8.24292	9.82255	7.66907	12.94728	7.47E-01	0.04155	0.00014	0.02999	0.81868	9.43E-01	0.052448	0.000122	0.017506	1.01E+00	0.929386	0.045109	9.95E-05	0.018593	0.993188
786	490236.72	3860485.12	8.28704	9.83406	7.61065	13.23044	7.51E-01	0.0416	0.00014	0.03064	0.82338	9.48E-01	0.052509	0.000121	0.017889	1.02E+00	0.934361	0.045162	9.88E-05	0.019	0.998621
787	490286.72	3860485.12	8.39944	10.11477	7.78631	13.23573	7.61E-01	0.04279	0.00015	0.03066	0.83477	9.61E-01	0.054008	0.000124	0.017896	1.03E+00	0.947034	0.046451	0.000101	0.019007	1.012593
788	490336.72	3860485.12	8.23671	10.14473	7.96148	12.97516	7.46E-01	0.04292	0.00015	0.03005	0.81955	9.42E-01	0.054168	0.000127	0.017544	1.01E+00	0.928686	0.046588	0.000103	0.018633	0.994011
789	490386.72	3860485.12	8.34256	10.2811	7.8834	13.06524	7.56E-01	0.04349	0.00015	0.03026	0.82992	9.54E-01	0.054896	0.000125	0.017666	1.03E+00	0.940621	0.047215	0.000102	0.018762	1.0067

790	490436.72	3860485.12	8.51253	10.4932	7.83501	13.36114	7.71E-01	0.04439	0.00015	0.03095	0.84691	9.74E-01	0.056029	0.000125	0.018066	1.05E+00	0.959785	0.048189	0.000102	0.019187	1.027263
791	490486.72	3860485.12	8.5466	10.46498	7.82924	13.41135	7.75E-01	0.04427	0.00015	0.03106	0.84999	9.78E-01	0.055878	0.000124	0.018134	1.05E+00	0.963626	0.048059	0.000102	0.019259	1.031046
792	490536.72	3860485.12	8.30299	10.3174	8.06529	13.44536	7.52E-01	0.04365	0.00015	0.03114	0.82738	9.50E-01	0.05509	0.000128	0.01818	1.02E+00	0.936159	0.047381	0.000105	0.019308	1.002954
793	490586.72	3860485.12	8.17504	9.96723	7.96139	13.53605	7.41E-01	0.04217	0.00015	0.03135	0.81451	9.35E-01	0.05322	0.000127	0.018302	1.01E+00	0.921733	0.045773	0.000103	0.019438	0.987048
794	490636.72	3860485.12	8.06038	9.83079	7.97775	12.90498	7.30E-01	0.04159	0.00015	0.02989	0.80208	9.22E-01	0.052492	0.000127	0.017449	9.92E-01	0.908805	0.045147	0.000104	0.018532	0.972588
795	490686.72	3860485.12	7.89184	9.72341	7.87254	12.88443	7.15E-01	0.04113	0.00015	0.02984	0.7863	9.03E-01	0.051918	0.000125	0.017421	9.72E-01	0.889802	0.044654	0.000102	0.018503	0.953061
796	490736.72	3860485.12	7.60504	9.87754	7.77227	12.94583	6.89E-01	0.04179	0.00015	0.02998	0.7611	8.70E-01	0.052741	0.000124	0.017504	9.40E-01	0.857466	0.045361	0.000101	0.018591	0.921519
797	490786.72	3860485.12	7.31029	9.67036	7.52562	12.89264	6.62E-01	0.04091	0.00014	0.02986	0.73339	8.36E-01	0.051635	0.00012	0.017432	9.05E-01	0.824233	0.04441	9.77E-05	0.018515	0.887255
798	490136.72	3860535.12	7.79537	9.34834	7.33524	11.98276	7.06E-01	0.03955	0.00014	0.02775	0.77387	8.92E-01	0.049916	0.000117	0.016202	9.58E-01	0.878925	0.042931	9.52E-05	0.017208	0.939159
799	490186.72	3860535.12	7.90742	9.67571	7.66924	12.09418	7.17E-01	0.04093	0.00014	0.02801	0.78568	9.04E-01	0.051664	0.000122	0.016353	9.73E-01	0.891559	0.044434	9.95E-05	0.017368	0.953461
800	490236.72	3860535.12	8.08779	9.62674	7.53945	12.72582	7.33E-01	0.04073	0.00014	0.02948	0.80328	9.25E-01	0.051402	0.00012	0.017207	9.94E-01	0.911896	0.04421	9.79E-05	0.018275	0.974478
801	490286.72	3860535.12	8.12627	9.66147	7.47791	12.98699	7.36E-01	0.04087	0.00014	0.03008	0.80751	9.29E-01	0.051588	0.000119	0.01756	9.99E-01	0.916234	0.044369	9.71E-05	0.01865	0.97935
802	490336.72	3860535.12	8.21402	9.91894	7.65345	12.98099	7.44E-01	0.04196	0.00014	0.03007	0.81654	9.40E-01	0.052962	0.000122	0.017552	1.01E+00	0.926128	0.045551	9.93E-05	0.018641	0.99042
803	490386.72	3860535.12	8.06981	9.95602	7.82576	12.70577	7.31E-01	0.04212	0.00015	0.02943	0.803	9.23E-01	0.05316	0.000124	0.01718	9.93E-01	0.909868	0.045722	0.000102	0.018246	0.973938
804	490436.72	3860535.12	8.15705	10.07849	7.76521	12.78725	7.39E-01	0.04264	0.00015	0.02962	0.81161	9.33E-01	0.053814	0.000123	0.01729	1.00E+00	0.919705	0.046284	0.000101	0.018363	0.984453
805	490486.72	3860535.12	8.35077	10.3017	7.70046	13.10235	7.57E-01	0.04358	0.00014	0.03035	0.83084	9.55E-01	0.055006	0.000122	0.017716	1.03E+00	0.941546	0.047309	1E-04	0.018816	1.007771
806	490536.72	3860535.12	8.41984	10.33467	7.73218	13.14183	7.63E-01	0.04372	0.00014	0.03044	0.83733	9.63E-01	0.055182	0.000123	0.017769	1.04E+00	0.949334	0.047461	0.0001	0.018872	1.015767
807	490586.72	3860535.12	8.12438	10.13515	7.94785	13.2027	7.36E-01	0.04288	0.00015	0.03058	0.80985	9.29E-01	0.054117	0.000126	0.017851	1.00E+00	0.916021	0.046544	0.000103	0.01896	0.981628
808	490636.72	3860535.12	8.03656	9.79909	7.83651	13.30221	7.28E-01	0.04146	0.00015	0.03081	0.8007	9.19E-01	0.052322	0.000125	0.017986	9.90E-01	0.906119	0.045001	0.000102	0.019103	0.970325
809	490686.72	3860535.12	7.90732	9.66064	7.85734	12.70048	7.17E-01	0.04087	0.00015	0.02942	0.78701	9.04E-01	0.051583	0.000125	0.017172	9.73E-01	0.891548	0.044365	0.000102	0.018239	0.954253
810	490736.72	3860535.12	7.77069	9.54005	7.74447	12.60521	7.04E-01	0.04036	0.00014	0.0292	0.7739	8.89E-01	0.050939	0.000123	0.017044	9.57E-01	0.876143	0.043811	0.000101	0.018102	0.938156
811	490786.72	3860535.12	7.52056	9.7211	7.65679	12.62219	6.82E-01	0.04113	0.00014	0.02924	0.75203	8.60E-01	0.051906	0.000122	0.017067	9.29E-01	0.847941	0.044643	9.94E-05	0.018126	0.910809
812	490136.72	3860585.12	7.38231	9.40646	7.3053	12.00832	6.69E-01	0.03979	0.00014	0.02781	0.73674	8.44E-01	0.050226	0.000116	0.016237	9.11E-01	0.832353	0.043198	9.48E-05	0.017245	0.89289
813	490186.72	3860585.12	7.60539	9.1443	7.17846	11.59833	6.89E-01	0.03869	0.00013	0.02686	0.7549	8.70E-01	0.048826	0.000114	0.015682	9.35E-01	0.857505	0.041994	9.32E-05	0.016656	0.916248
814	490236.72	3860585.12	7.73178	9.44005	7.5087	11.82538	7.01E-01	0.03994	0.00014	0.02739	0.76814	8.84E-01	0.050405	0.000119	0.015989	9.51E-01	0.871756	0.043352	9.75E-05	0.016982	0.932187
815	490286.72	3860585.12	7.90917	9.42965	7.41792	12.4932	7.17E-01	0.03989	0.00014	0.02894	0.78571	9.05E-01	0.05035	0.000118	0.016892	9.72E-01	0.891756	0.043304	9.63E-05	0.017941	0.953098
816	490336.72	3860585.12	7.97384	9.49935	7.35676	12.74451	7.23E-01	0.04019	0.00014	0.02952	0.79245	9.12E-01	0.050722	0.000117	0.017232	9.80E-01	0.899048	0.043625	9.55E-05	0.018302	0.96107
817	490386.72	3860585.12	8.03832	9.73089	7.52612	12.7351	7.28E-01	0.04117	0.00014	0.0295	0.79925	9.19E-01	0.051958	0.00012	0.017219	9.89E-01	0.906318	0.044688	9.77E-05	0.018288	0.969392
818	490436.72	3860585.12	7.92293	9.78418	7.70512	12.46016	7.18E-01	0.04139	0.00014	0.02886	0.78839	9.06E-01	0.052243	0.000122	0.016847	9.75E-01	0.893308	0.044933	0.0001	0.017893	0.956234
819	490486.72	3860585.12	8.00976	9.93124	7.67784	12.54033	7.26E-01	0.04201	0.00014	0.02905	0.79706	9.16E-01	0.053028	0.000122	0.016956	9.86E-01	0.903098	0.045608	9.97E-05	0.018009	0.966814
820	490536.72	3860585.12	8.20819	10.1355	7.59209	12.86014	7.44E-01	0.04288	0.00014	0.02979	0.81665	9.39E-01	0.054119	0.000121	0.017388	1.01E+00	0.925471	0.046546	9.85E-05	0.018468	0.990583
821	490586.72	3860585.12	8.20398	10.09905	7.57192	12.81924	7.43E-01	0.04272	0.00014	0.02969	0.81602	9.38E-01	0.053924	0.00012	0.017333	1.01E+00	0.924996	0.046379	9.83E-05	0.018409	0.989882
822	490636.72	3860585.12	7.94352	9.94092	7.8102	12.96743	7.20E-01	0.04206	0.00015	0.03004	0.79209	9.09E-01	0.05308	0.000124	0.017533	9.79E-01	0.895629	0.045652	0.000101	0.018622	0.960005
823	490686.72	3860585.12	7.87287	9.63794	7.70919	13.07993	7.13E-01	0.04077	0.00014	0.0303	0.78467	9.00E-01	0.051462	0.000123	0.017685	9.70E-01	0.887663	0.044261	0.0001	0.018783	0.950808
824	490736.72	3860585.12	7.74616	9.47097	7.70356	12.50379	7.02E-01	0.04007	0.00014	0.02896	0.77115	8.86E-01	0.05057	0.000122	0.016906	9.54E-01	0.873377	0.043494	1E-04	0.017956	0.934927
825	490786.72	3860585.12	7.64359	9.36569	7.60114	12.33261	6.93E-01	0.03962	0.00014	0.02856	0.76101	8.74E-01	0.050008	0.000121	0.016675	9.41E-01	0.861812	0.043011	9.87E-05	0.01771	0.922632
826	490136.72	3860635.12	7.17837	9.35356	6.91015	11.81103	6.51E-01	0.03957	0.00013	0.02736	0.71758	8.21E-01	0.049944	0.00011	0.01597	8.87E-01	0.809359	0.042955	8.97E-05	0.016961	0.869365
827	490186.72	3860635.12	7.25925	9.21673	7.18117	11.74444	6.58E-01	0.03899	0.00013	0.0272	0.72418	8.30E-01	0.049213	0.000114	0.01588	8.96E-01	0.818478	0.042327	9.32E-05	0.016866	0.877763
828	490236.72	3860635.12	7.47441	8.98473	7.07483	11.25594	6.77E-01	0.03801	0.00013	0.02607	0.74156	8.55E-01	0.047974	0.000112	0.015219	9.18E-01	0.842737	0.041261	9.18E-05	0.016164	0.900254
829	490286.72	3860635.12	7.59399	9.27745	7.38415	11.61306	6.88E-01	0.03925	0.00014	0.0269	0.75447	8.69E-01	0.049537	0.000117	0.015702	9.34E-01	0.85622	0.042605	9.58E-05	0.016677	0.915598
830	490336.72	3860635.12	7.73655	9.24411	7.29275	12.26184	7.01E-01	0.03911	0.00014	0.0284	0.76875	8.85E-01	0.049359	0.000116	0.016579	9.51E-01	0.872293	0.042452	9.47E-05	0.017609	0.932449
831	490386.72	3860635.12	7.81885	9.32976	7.24045	12.51873	7.09E-01	0.03947	0.00014	0.029	0.77716	8.94E-01	0.049816	0.000115	0.016927	9.61E-01	0.881573	0.042846	9.4E-05	0.017978	0.94249
832	490436.72	3860635.12	7.87084	9.55058	7.40329	12.48084	7.13E-01	0.0404	0.00014	0.02891	0.78272	9.00E-01	0.050996	0.000118	0.016875	9.68E-01	0.887435	0.04386	9.61E-05	0.017923	0.949314
833	490486.72	3860635.12	7.72775	9.54978	7.54212	12.18616	7.00E-01	0.0404	0.00014	0.02823	0.76907	8.84E-01	0.050991	0.00012	0.016477	9.51E-01	0.871301	0.043856	9.79E-05	0.0175	0.932755
834	490536.72	3860635.12	7.7823	9.66636	7.51533	12.25573	7.05E-01	0.04089	0.00014	0.02839	0.77467	8.90E-01	0.051614	0.000119	0.016571	9.58E-01	0.877452	0.044392	9.76E-05	0.0176	0.939541
835	490586.72	3860635.12	7.97672	9.84792	7.44071	12.55676	7.23E-01	0.04166	0.00014	0.02908	0.79375	9.12E-01	0.052583	0.000118	0.016978	9.82E-01	0.899372	0.045225	9.66E-05	0.018032	0.962727
836	490636.72	3860635.12	8.04526	9.91968	7.4531	12.57716	7.29E-01	0.04197	0.00014	0.02913	0.80031	9.20E-01	0.052966	0.000118	0.017006	9.90E-01	0.9071	0.045555	9.67E-05	0.018061	0.970813
837	490686.72	3860635.12	7.79912	9.78001	7.67067	12.74387	7.07E-01	0.04137	0.00014	0.02952	0.77781	8.92E-01	0.052221	0.000122	0.017231	9.62E-01	0.879348	0.044913	9.96E-05	0.018301	0.942662
838	490736.72	3860635.12	7.70839	9.47846	7.58596	12.8708	6.99E-01	0.0401	0.00014	0.02981	0.7686	8.82E-01	0.05061	0.000121	0.017403	9.50E-01	0.869118	0.043529	9.85E-05	0.018483	0.931229
839	490786.72	3860635.12	7.60331	9.28514	7.54211	12.31264	6.89E-01	0.03928	0.00014	0.02852	0.75697	8.70E-01	0.049578	0.00012	0.016648	9.36E-01	0.857271	0.042641	9.79E-05	0.017682	0.917691
840	490136.72	3860685.12	7.05564	9.09022	6.51935	11.98934	6.39E-01	0.03846	0.00012	0.02777	0.70574	8.07E-01	0.048537	0.000104	0.016211	8.72E-01	0.795521	0.041746	8.46E-05	0.017217	0.854569
841	490186.72	3860685.12	7.05111	9.24655	6.83265	11.575	6.39E-01	0.03912	0.00013	0.02681	0.70504	8.06E-01	0.049372	0.000109	0.015651	8.72E-01	0.79501	0.042464	8.87E-05	0.016622	0.854185
842	490236.72	3860685.12	7.14628	9.04351	7.06266	11.49086	6.48E-01	0.03826	0.00013	0.02662	0.71262	8.17E-01	0.048288	0.000112	0.015537	8.81E-01	0.805741	0.041531	9.17E-05	0.016501	0.863865
843	490286.72	3860685.12	7.3108	8.79948	6.94156	10.94704	6.63E-01	0.03723	0.00013	0.02536	0.72523	8.36E-01	0.046985	0.00011	0.014802	8.98E-01	0.82429	0.04041	9.01E-05	0.015721	0.880511
844	490336.72	3860685.12	7.46598	9.13047	7.26833	11.41821	6.77E-01	0.03863	0.00014	0.02645	0.74179	8.54E-01	0.048752	0.000116	0.015439	9.18E-01	0.841787	0.041931	9.43E-05	0.016397	0.900209
845	490386.72	3860685.12	7.5855	9.08314	7.17162	12.02316	6.87E-01	0.03843	0.00013	0.02785	0.75382	8.68E-01	0.0485	0.000114	0.016257	9.32E-01	0.855263	0.041713	9.31E-05	0.017266	0.914335
846	490436.72	3860685.12	7.65809	9.14824	7.11547	12.29863	6.94E-01	0.0387	0.00013	0.02849	0.76131	8.76E-01	0.048847	0.000113	0.016629	9.42E-01	0.863447	0.042012	9.24E-05	0.017661	0.923213
847	490486.72	3860685.12	7.69005	9.35396	7.25757	12.20506	6.97E-01	0.03957	0.00014	0.02827	0.76487	8.80E-01	0.049946	0.000115	0.016503	9.46E-01	0.867051	0.042957	9.42E-05	0.017527	0.927629
848	490536.72	3860685.12	7.55333	9.33951	7.39967	11.92889	6.84E-01	0.03951	0.00014	0.02763	0.75178	8.64E-01	0.049869	0.000118	0.016129	9.30E-01	0.851635	0.04289	9.61E-05	0.017131	0.911752
849	490586.72	3860685.12	7.57798	9.4294	7.36839	11.99619	6.87E-01	0.03989	0.00014	0.02779	0.75455	8.67E-01	0.050348	0.000117	0.01622	9.33E-01	0.854415	0.043303	9.56E-05	0.017227	0.915041
850	490636.72	3860685.12	7.7944	9.63359	7.33198	12.30363	7.06E-01	0.04075	0.00014	0.0285	0.77573	8.92E-01	0.051439	0.000117	0.016636	9.60E-01	0.878816	0.044241	9.52E-05	0.017669	0.940821

851	490686.72	3860685.12	7.88299	9.72932	7.33331	12.33973	7.14E-01	0.04116	0.00014	0.02858	0.78425	9.02E-01	0.05195	0.000117	0.016685	9.70E-01	0.888804	0.044681	9.52E-05	0.017721	0.951301
852	490736.72	3860685.12	7.65826	9.61306	7.51188	12.50709	6.94E-01	0.04067	0.00014	0.02897	0.76379	8.76E-01	0.051329	0.000119	0.016911	9.44E-01	0.863466	0.044147	9.75E-05	0.017961	0.925671
853	490786.72	3860685.12	7.59936	9.3659	7.48921	12.63916	6.89E-01	0.03962	0.00014	0.02927	0.75771	8.69E-01	0.050009	0.000119	0.01709	9.36E-01	0.856825	0.043012	9.72E-05	0.01815	0.918085
854	490136.72	3860735.12	6.93851	8.96757	6.61474	11.69997	6.29E-01	0.03794	0.00012	0.0271	0.69394	7.94E-01	0.047883	0.000105	0.01582	8.57E-01	0.782315	0.041182	8.59E-05	0.016802	0.840385
855	490186.72	3860735.12	6.84794	8.7567	6.3432	11.68842	6.21E-01	0.03705	0.00012	0.02707	0.68481	7.83E-01	0.046757	0.000101	0.015804	8.46E-01	0.772103	0.040214	8.23E-05	0.016785	0.829184
856	490236.72	3860735.12	6.76326	8.89727	6.63424	11.25202	6.13E-01	0.03764	0.00012	0.02606	0.67673	7.74E-01	0.047507	0.000105	0.015214	8.36E-01	0.762555	0.04086	8.61E-05	0.016158	0.819659
857	490286.72	3860735.12	6.96748	8.76695	6.87334	11.27413	6.31E-01	0.03709	0.00013	0.02611	0.69474	7.97E-01	0.046811	0.000109	0.015244	8.59E-01	0.785581	0.040261	8.92E-05	0.01619	0.842122
858	490336.72	3860735.12	7.1784	8.64212	6.82686	10.69634	6.51E-01	0.03656	0.00013	0.02477	0.71198	8.21E-01	0.046145	0.000109	0.014463	8.82E-01	0.809362	0.039688	8.86E-05	0.015361	0.864499
859	490386.72	3860735.12	7.33156	8.97283	7.14573	11.22031	6.64E-01	0.03796	0.00013	0.02599	0.72848	8.39E-01	0.047911	0.000114	0.015171	9.02E-01	0.826631	0.041207	9.28E-05	0.016113	0.884043
860	490436.72	3860735.12	7.46716	8.95327	7.07001	11.79941	6.77E-01	0.03788	0.00013	0.02733	0.74203	8.54E-01	0.047806	0.000112	0.015954	9.18E-01	0.84192	0.041117	9.18E-05	0.016945	0.900073
861	490486.72	3860735.12	7.51547	9.00583	7.01953	12.09872	6.81E-01	0.0381	0.00013	0.02802	0.74732	8.60E-01	0.048087	0.000112	0.016359	9.24E-01	0.847367	0.041358	9.11E-05	0.017374	0.90619
862	490536.72	3860735.12	7.52829	9.17278	7.11191	11.94617	6.82E-01	0.03881	0.00013	0.02767	0.74884	8.61E-01	0.048978	0.000113	0.016153	9.26E-01	0.848812	0.042125	9.23E-05	0.017155	0.908185
863	490586.72	3860735.12	7.38484	9.14851	7.26043	11.67823	6.69E-01	0.0387	0.00014	0.02705	0.73512	8.45E-01	0.048849	0.000115	0.01579	9.09E-01	0.832638	0.042013	9.42E-05	0.016771	0.891516
864	490636.72	3860735.12	7.39987	9.21681	7.23539	11.74992	6.71E-01	0.03899	0.00014	0.02722	0.73693	8.46E-01	0.049213	0.000115	0.015887	9.12E-01	0.834333	0.042327	9.39E-05	0.016874	0.893627
865	490686.72	3860735.12	7.61437	9.42643	7.22166	12.05907	6.90E-01	0.03988	0.00014	0.02793	0.75798	8.71E-01	0.050333	0.000115	0.016305	9.38E-01	0.858518	0.04329	9.37E-05	0.017317	0.919218
866	490736.72	3860735.12	7.72354	9.52711	7.20264	12.10224	7.00E-01	0.0403	0.00013	0.02803	0.76839	8.83E-01	0.05087	0.000114	0.016364	9.51E-01	0.870826	0.043752	9.35E-05	0.017379	0.932051
867	490136.72	3860785.12	6.77224	8.90011	6.59574	11.71922	6.14E-01	0.03765	0.00012	0.02714	0.67863	7.75E-01	0.047522	0.000105	0.015846	8.38E-01	0.763568	0.040873	8.56E-05	0.016829	0.821355
868	490186.72	3860785.12	6.80594	8.74049	6.45604	11.39928	6.17E-01	0.03698	0.00012	0.0264	0.68027	7.78E-01	0.04667	0.000103	0.015413	8.41E-01	0.767367	0.04014	8.38E-05	0.01637	0.823961
869	490236.72	3860785.12	6.69286	8.54726	6.21664	11.40822	6.07E-01	0.03616	0.00012	0.02642	0.66922	7.66E-01	0.045638	9.88E-05	0.015425	8.27E-01	0.754618	0.039252	8.07E-05	0.016383	0.810333
870	490286.72	3860785.12	6.58544	8.70431	6.5239	11.03022	5.97E-01	0.03682	0.00012	0.02555	0.65928	7.53E-01	0.046477	0.000104	0.014914	8.15E-01	0.742506	0.039973	8.47E-05	0.01584	0.798404
871	490336.72	3860785.12	6.8325	8.55126	6.7294	11.05216	6.19E-01	0.03618	0.00013	0.0256	0.68108	7.81E-01	0.04566	0.000107	0.014944	8.42E-01	0.770362	0.039271	8.74E-05	0.015871	0.825591
872	490386.72	3860785.12	7.06054	8.51365	6.71761	10.51171	6.40E-01	0.03602	0.00013	0.02435	0.70033	8.08E-01	0.045459	0.000107	0.014213	8.67E-01	0.796073	0.039098	8.72E-05	0.015095	0.850354
873	490436.72	3860785.12	7.19647	8.81347	7.02193	11.03623	6.52E-01	0.03729	0.00013	0.02556	0.71514	8.23E-01	0.04706	0.000112	0.014922	8.85E-01	0.8114	0.040475	9.11E-05	0.015849	0.867814
874	490486.72	3860785.12	7.31108	8.76658	6.9356	11.54559	6.63E-01	0.03709	0.00013	0.02674	0.7265	8.36E-01	0.046809	0.00011	0.015611	8.99E-01	0.824322	0.040259	9E-05	0.01658	0.881251
875	490536.72	3860785.12	7.34416	8.8232	6.90198	11.8819	6.66E-01	0.03733	0.00013	0.02752	0.73052	8.40E-01	0.047112	0.00011	0.016066	9.03E-01	0.828052	0.040519	8.96E-05	0.017063	0.885724
876	490586.72	3860785.12	7.35535	8.97343	6.9579	11.68649	6.67E-01	0.03796	0.00013	0.02707	0.73172	8.41E-01	0.047914	0.000111	0.015801	9.05E-01	0.829313	0.041209	9.03E-05	0.016782	0.887395
877	490636.72	3860785.12	7.2226	8.952	7.12484	11.43491	6.55E-01	0.03787	0.00013	0.02649	0.71902	8.26E-01	0.047799	0.000113	0.015461	8.89E-01	0.814346	0.041111	9.25E-05	0.016421	0.87197
878	490686.72	3860785.12	7.2335	9.02182	7.11238	11.5155	6.56E-01	0.03817	0.00013	0.02667	0.72049	8.27E-01	0.048172	0.000113	0.01557	8.91E-01	0.815575	0.041432	9.23E-05	0.016537	0.873635
879	490736.72	3860785.12	7.44007	9.2476	7.10785	11.82123	6.74E-01	0.03912	0.00013	0.02738	0.74087	8.51E-01	0.049378	0.000113	0.015984	9.16E-01	0.838865	0.042468	9.23E-05	0.016976	0.898402
880	490086.72	3860835.12	6.6967	8.59287	6.62966	10.97781	6.07E-01	0.03635	0.00012	0.02543	0.66877	7.66E-01	0.045882	0.000105	0.014843	8.27E-01	0.755051	0.039462	8.61E-05	0.015765	0.810363
881	490136.72	3860835.12	6.7355	8.74428	6.67039	11.25606	6.10E-01	0.03699	0.00012	0.02607	0.67357	7.70E-01	0.04669	0.000106	0.015219	8.32E-01	0.759425	0.040157	8.66E-05	0.016164	0.815833
882	490186.72	3860835.12	6.61219	8.72646	6.45733	11.40314	5.99E-01	0.03692	0.00012	0.02641	0.66266	7.56E-01	0.046595	0.000103	0.015418	8.18E-01	0.745522	0.040075	8.38E-05	0.016376	0.802057
883	490236.72	3860835.12	6.68184	8.5228	6.31607	11.16566	6.06E-01	0.03606	0.00012	0.02586	0.66756	7.64E-01	0.045508	0.0001	0.015097	8.25E-01	0.753375	0.03914	8.2E-05	0.016034	0.808631
884	490286.72	3860835.12	6.55289	8.39425	6.11161	11.12453	5.94E-01	0.03551	0.00011	0.02577	0.65523	7.50E-01	0.044821	9.71E-05	0.015042	8.09E-01	0.738836	0.03855	7.93E-05	0.015975	0.79344
885	490336.72	3860835.12	6.44259	8.50517	6.41945	10.81557	5.84E-01	0.03598	0.00012	0.02505	0.64499	7.37E-01	0.045414	0.000102	0.014624	7.97E-01	0.7264	0.039059	8.33E-05	0.015532	0.781074
886	490386.72	3860835.12	6.70163	8.34246	6.60357	10.791	6.07E-01	0.03529	0.00012	0.02499	0.66773	7.67E-01	0.044545	0.000105	0.014591	8.26E-01	0.755606	0.038312	8.57E-05	0.015496	0.8095
887	490436.72	3860835.12	6.91722	8.35832	6.59546	10.32247	6.27E-01	0.03536	0.00012	0.02391	0.68625	7.91E-01	0.044629	0.000105	0.013957	8.50E-01	0.779914	0.038385	8.56E-05	0.014824	0.833208
888	490486.72	3860835.12	7.06452	8.6565	6.90062	10.85855	6.40E-01	0.03662	0.00013	0.02515	0.7021	8.08E-01	0.046222	0.00011	0.014682	8.69E-01	0.796522	0.039754	8.96E-05	0.015593	0.851959
889	490536.72	3860835.12	7.15276	8.57632	6.79842	11.29096	6.48E-01	0.03628	0.00013	0.02615	0.71076	8.18E-01	0.045793	0.000108	0.015267	8.79E-01	0.806471	0.039386	8.82E-05	0.016214	0.86216
890	490586.72	3860835.12	7.16973	8.63491	6.78071	11.66282	6.50E-01	0.03653	0.00013	0.02701	0.71341	8.20E-01	0.046106	0.000108	0.015769	8.82E-01	0.808385	0.039655	8.8E-05	0.016748	0.864876
891	490636.72	3860835.12	7.1945	8.79071	6.81547	11.44198	6.52E-01	0.03719	0.00013	0.0265	0.7158	8.23E-01	0.046938	0.000108	0.015471	8.85E-01	0.811177	0.04037	8.85E-05	0.016431	0.868067
892	490686.72	3860835.12	7.08172	8.77873	6.99867	11.21231	6.42E-01	0.03714	0.00013	0.02597	0.705	8.10E-01	0.046874	0.000111	0.01516	8.72E-01	0.798462	0.040315	9.08E-05	0.016101	0.854969
893	490736.72	3860835.12	7.08969	8.85848	7.00752	11.29752	6.42E-01	0.03748	0.00013	0.02617	0.70626	8.11E-01	0.0473	0.000111	0.015275	8.74E-01	0.79936	0.040681	9.1E-05	0.016224	0.856356
894	490086.72	3860885.12	6.59964	8.13027	6.5278	10.62591	5.98E-01	0.0344	0.00012	0.02461	0.6572	7.55E-01	0.043412	0.000104	0.014367	8.13E-01	0.744107	0.037337	8.47E-05	0.015259	0.796788
895	490136.72	3860885.12	6.60474	8.51828	6.52799	10.83545	5.99E-01	0.03604	0.00012	0.0251	0.65979	7.55E-01	0.045484	0.000104	0.014651	8.16E-01	0.744682	0.039119	8.47E-05	0.01556	0.799446
896	490186.72	3860885.12	6.61203	8.57739	6.52936	11.10641	5.99E-01	0.03629	0.00012	0.02572	0.66133	7.56E-01	0.045799	0.000104	0.015017	8.17E-01	0.745504	0.039391	8.48E-05	0.015949	0.800929
897	490236.72	3860885.12	6.47026	8.53323	6.32409	11.19516	5.86E-01	0.0361	0.00012	0.02593	0.6485	7.40E-01	0.045563	0.000101	0.015137	8.01E-01	0.72952	0.039188	8.21E-05	0.016077	0.784866
898	490286.72	3860885.12	6.54133	8.35533	6.19266	10.95048	5.93E-01	0.03535	0.00012	0.02536	0.65362	7.48E-01	0.044613	9.84E-05	0.014806	8.08E-01	0.737533	0.038371	8.04E-05	0.015725	0.791709
899	490336.72	3860885.12	6.40007	8.27325	6.01092	10.86653	5.80E-01	0.035	0.00011	0.02517	0.64027	7.32E-01	0.044175	9.55E-05	0.014693	7.91E-01	0.721606	0.037994	7.8E-05	0.015605	0.775282
900	490386.72	3860885.12	6.3201	8.31607	6.32404	10.61223	5.73E-01	0.03518	0.00012	0.02458	0.63262	7.23E-01	0.044404	0.000101	0.014349	7.82E-01	0.712589	0.03819	8.21E-05	0.01524	0.766101
901	490436.72	3860885.12	6.58683	8.16726	6.49846	10.55239	5.97E-01	0.03455	0.00012	0.02444	0.65603	7.53E-01	0.043609	0.000103	0.014268	8.11E-01	0.742663	0.037507	8.44E-05	0.015154	0.795408
902	490486.72	3860885.12	6.79236	8.22587	6.48917	10.16154	6.16E-01	0.0348	0.00012	0.02354	0.674	7.77E-01	0.043922	0.000103	0.01374	8.35E-01	0.765836	0.037776	8.42E-05	0.014593	0.818289
903	490536.72	3860885.12	6.93788	8.49074	6.78012	10.6828	6.29E-01	0.03592	0.00013	0.02474	0.68952	7.94E-01	0.045336	0.000108	0.014444	8.53E-01	0.782244	0.038993	8.8E-05	0.015341	0.836665
904	490586.72	3860885.12	7.00248	8.40588	6.67352	11.05182	6.35E-01	0.03556	0.00012	0.0256	0.69586	8.01E-01	0.044883	0.000106	0.014943	8.61E-01	0.789527	0.038603	8.66E-05	0.015871	0.844088
905	490636.72	3860885.12	7.01156	8.46775	6.66666	11.44775	6.35E-01	0.03582	0.00012	0.02652	0.69787	8.02E-01	0.045214	0.000106	0.015479	8.63E-01	0.790551	0.038887	8.65E-05	0.01644	0.845964
906	490686.72	3860885.12	7.04254	8.61593	6.68324	11.20679	6.38E-01	0.03645	0.00013	0.02596	0.70074	8.06E-01	0.046005	0.000106	0.015153	8.67E-01	0.794044	0.039568	8.68E-05	0.016094	0.849792
907	490736.72	3860885.12	6.93832	8.6015	6.86526	10.98963	6.29E-01	0.03639	0.00013	0.02545	0.69074	7.94E-01	0.045928	0.000109	0.014859	8.54E-01	0.782293	0.039501	8.91E-05	0.015782	0.837665
908	490086.72	3860935.12	6.37654	7.7036	6.39834	10.30679	5.78E-01	0.03259	0.00012	0.02387	0.63444	7.29E-01	0.041134	0.000102	0.013936	7.85E-01	0.718953	0.035378	8.31E-05	0.014801	0.769215
909	490136.72	3860935.12	6.47668	8.00536	6.40923	10.46461	5.87E-01	0.03387	0.00012	0.02424	0.64516	7.41E-01	0.042745	0.000102	0.014149	7.98E-01	0.730243	0.036764	8.32E-05	0.015028	0.782118
910	490186.72	3860935.12	6.48091	8.38376	6.40298	10.62812	5.87E-01	0.03547	0.00012	0.02462	0.64752	7.41E-01	0.044765	0.000102	0.01437	8.01E-01	0.73072	0.038501	8.31E-05	0.015263	0.784567
911	490236.72	3860935.12	6.50366	8.41755	6.39811	10.93824	5.89E-01	0.03561	0.00012	0.02534	0.65044	7.44E-01	0.044946	0.000102	0.01479	8.04E-01	0.733285	0.038657	8.3E-05	0.015708	0.787733

912	490286.72	3860935.12	6.34585	8.34772	6.1948	10.97429	5.75E-01	0.03532	0.00012	0.02542	0.63592	7.26E-01	0.044573	9.85E-05	0.014838	7.85E-01	0.715492	0.038336	8.04E-05	0.01576	0.769668
913	490336.72	3860935.12	6.39793	8.1923	6.06271	10.75201	5.80E-01	0.03466	0.00011	0.0249	0.63947	7.32E-01	0.043743	9.64E-05	0.014538	7.90E-01	0.721364	0.037622	7.87E-05	0.01544	0.774506
914	490386.72	3860935.12	6.26666	8.17072	5.93194	10.65069	5.68E-01	0.03457	0.00011	0.02467	0.62724	7.17E-01	0.043628	9.43E-05	0.014401	7.75E-01	0.706564	0.037523	7.7E-05	0.015295	0.759459
915	490436.72	3860935.12	6.21473	8.17843	6.23897	10.43993	5.63E-01	0.0346	0.00012	0.02418	0.62209	7.11E-01	0.043669	9.92E-05	0.014116	7.69E-01	0.700709	0.037558	8.1E-05	0.014992	0.75334
916	490486.72	3860935.12	6.46669	7.9846	6.38632	10.31141	5.86E-01	0.03378	0.00012	0.02388	0.64381	7.40E-01	0.042634	0.000101	0.013942	7.96E-01	0.729117	0.036668	8.29E-05	0.014808	0.780676
917	490536.72	3860935.12	6.66618	8.093	6.38296	9.97785	6.04E-01	0.03424	0.00012	0.02311	0.66157	7.62E-01	0.043213	0.000101	0.013491	8.19E-01	0.75161	0.037166	8.29E-05	0.014329	0.803187
918	490586.72	3860935.12	6.80506	8.32224	6.65483	10.51125	6.17E-01	0.03521	0.00012	0.02435	0.67637	7.78E-01	0.044437	0.000106	0.014212	8.37E-01	0.767268	0.038219	8.64E-05	0.015095	0.820668
919	490636.72	3860935.12	6.85903	8.24834	6.55662	10.82419	6.22E-01	0.03489	0.00012	0.02507	0.68167	7.85E-01	0.044042	0.000104	0.014635	8.43E-01	0.773353	0.037879	8.51E-05	0.015544	0.826862
920	490686.72	3860935.12	6.86324	8.31705	6.55412	11.23911	6.22E-01	0.03519	0.00012	0.02603	0.6833	7.85E-01	0.044409	0.000104	0.015196	8.45E-01	0.773828	0.038195	8.51E-05	0.01614	0.828248
921	490736.72	3860935.12	6.89764	8.44673	6.55393	10.97952	6.25E-01	0.03573	0.00012	0.02543	0.68637	7.89E-01	0.045101	0.000104	0.014846	8.49E-01	0.777707	0.038791	8.51E-05	0.015767	0.832349
922	490786.72	3860935.12	6.8	8.43139	6.73569	10.7736	6.16E-01	0.03567	0.00013	0.02495	0.67698	7.78E-01	0.04502	0.000107	0.014567	8.37E-01	0.766698	0.03872	8.74E-05	0.015471	0.820977
923	490836.72	3860935.12	6.80189	8.52603	6.78433	10.827	6.16E-01	0.03607	0.00013	0.02508	0.67768	7.78E-01	0.045525	0.000108	0.014639	8.38E-01	0.766911	0.039155	8.81E-05	0.015548	0.821702
924	490086.72	3860985.12	6.21566	7.67096	6.36639	10.07803	5.63E-01	0.03245	0.00012	0.02334	0.61919	7.11E-01	0.040959	0.000101	0.013627	7.66E-01	0.700814	0.035228	8.26E-05	0.014473	0.750597
925	490136.72	3860985.12	6.25153	7.62184	6.2984	10.17008	5.67E-01	0.03224	0.00012	0.02356	0.62244	7.15E-01	0.040697	0.0001	0.013751	7.70E-01	0.704858	0.035002	8.18E-05	0.014605	0.754547
926	490186.72	3860985.12	6.37446	7.95471	6.33506	10.31889	5.78E-01	0.03365	0.00012	0.0239	0.63534	7.29E-01	0.042474	0.000101	0.013952	7.86E-01	0.718718	0.036531	8.22E-05	0.014818	0.77015
927	490236.72	3860985.12	6.37193	8.28454	6.30395	10.47056	5.77E-01	0.03505	0.00012	0.02425	0.63686	7.29E-01	0.044235	0.0001	0.014157	7.87E-01	0.718433	0.038046	8.18E-05	0.015036	0.771597
928	490286.72	3860985.12	6.38393	8.28278	6.28928	10.77122	5.79E-01	0.03504	0.00012	0.02495	0.63863	7.30E-01	0.044226	1E-04	0.014564	7.89E-01	0.719786	0.038038	8.16E-05	0.015468	0.773373
929	490336.72	3860985.12	6.23784	8.15472	6.07052	10.70222	5.65E-01	0.0345	0.00011	0.02479	0.62469	7.13E-01	0.043542	9.65E-05	0.014471	7.72E-01	0.703314	0.03745	7.88E-05	0.015369	0.756212
930	490386.72	3860985.12	6.261	8.04591	5.94909	10.57169	5.67E-01	0.03404	0.00011	0.02449	0.62602	7.16E-01	0.042961	9.45E-05	0.014294	7.73E-01	0.705926	0.03695	7.72E-05	0.015182	0.758134
931	490436.72	3860985.12	6.14969	8.08046	5.85655	10.44177	5.57E-01	0.03418	0.00011	0.02419	0.61578	7.03E-01	0.043146	9.31E-05	0.014118	7.61E-01	0.693375	0.037108	7.6E-05	0.014995	0.745555
932	490486.72	3860985.12	6.1036	8.0215	6.14699	10.24692	5.53E-01	0.03394	0.00012	0.02373	0.6109	6.98E-01	0.042831	9.77E-05	0.013855	7.55E-01	0.688179	0.036838	7.98E-05	0.014715	0.739811
933	490536.72	3860985.12	6.35478	7.81901	6.27432	10.08176	5.76E-01	0.03308	0.00012	0.02335	0.63243	7.27E-01	0.04175	9.97E-05	0.013632	7.82E-01	0.716499	0.035908	8.14E-05	0.014478	0.766966
934	490586.72	3860985.12	6.53169	7.9537	6.2726	9.80324	5.92E-01	0.03365	0.00012	0.02271	0.64839	7.47E-01	0.042469	9.97E-05	0.013255	8.03E-01	0.736446	0.036526	8.14E-05	0.014078	0.787132
935	490636.72	3860985.12	6.67849	8.16968	6.53516	10.34628	6.05E-01	0.03456	0.00012	0.02396	0.66387	7.64E-01	0.043622	0.000104	0.013989	8.22E-01	0.752997	0.037518	8.48E-05	0.014858	0.805458
936	490686.72	3860985.12	6.72639	8.10349	6.44775	10.60918	6.10E-01	0.03428	0.00012	0.02457	0.66854	7.69E-01	0.043269	0.000102	0.014345	8.27E-01	0.758398	0.037214	8.37E-05	0.015235	0.810931
937	490736.72	3860985.12	6.71641	8.16679	6.44168	11.03282	6.09E-01	0.03455	0.00012	0.02555	0.66888	7.68E-01	0.043607	0.000102	0.014918	8.27E-01	0.757273	0.037505	8.36E-05	0.015844	0.810705
938	490786.72	3860985.12	6.75748	8.28379	6.43269	10.75923	6.12E-01	0.03504	0.00012	0.02492	0.67246	7.73E-01	0.044231	0.000102	0.014548	8.32E-01	0.761904	0.038042	8.35E-05	0.015451	0.81548
939	490836.72	3860985.12	6.67583	8.27578	6.61821	10.57314	6.05E-01	0.03501	0.00012	0.02449	0.6646	7.64E-01	0.044189	0.000105	0.014296	8.22E-01	0.752698	0.038005	8.59E-05	0.015184	0.805972
940	490086.72	3861035.12	6.01771	7.72485	6.28829	10.11631	5.45E-01	0.03268	0.00012	0.02343	0.60157	6.88E-01	0.041247	9.99E-05	0.013678	7.43E-01	0.678495	0.035475	8.16E-05	0.014528	0.728579
941	490136.72	3861035.12	6.13608	7.49118	6.25129	9.88766	5.56E-01	0.03169	0.00012	0.0229	0.61077	7.02E-01	0.039999	9.94E-05	0.013369	7.55E-01	0.691841	0.034402	8.11E-05	0.014199	0.740524
942	490186.72	3861035.12	6.12897	7.55614	6.18522	10.04332	5.55E-01	0.03197	0.00012	0.02326	0.61076	7.01E-01	0.040346	9.83E-05	0.01358	7.55E-01	0.691039	0.034701	8.03E-05	0.014423	0.740243
943	490236.72	3861035.12	6.26278	7.87837	6.24508	10.21209	5.68E-01	0.03333	0.00012	0.02365	0.62465	7.16E-01	0.042067	9.93E-05	0.013808	7.72E-01	0.706126	0.03618	8.11E-05	0.014665	0.757053
944	490286.72	3861035.12	6.26015	8.15031	6.20249	10.33991	5.67E-01	0.03448	0.00012	0.02395	0.62585	7.16E-01	0.043519	9.86E-05	0.013981	7.74E-01	0.70583	0.037429	8.05E-05	0.014849	0.758188
945	490336.72	3861035.12	6.26314	8.14567	6.18063	10.60803	5.68E-01	0.03446	0.00012	0.02457	0.62673	7.16E-01	0.043494	9.82E-05	0.014343	7.74E-01	0.706167	0.037408	8.02E-05	0.015234	0.758889
946	490386.72	3861035.12	6.14419	7.98697	5.97478	10.47448	5.57E-01	0.03379	0.00011	0.02426	0.61496	7.03E-01	0.042647	9.5E-05	0.014163	7.60E-01	0.692755	0.036679	7.76E-05	0.015042	0.744554
947	490436.72	3861035.12	6.14487	7.90658	5.84094	10.41847	5.57E-01	0.03345	0.00011	0.02413	0.61455	7.03E-01	0.042217	9.28E-05	0.014087	7.59E-01	0.692832	0.03631	7.58E-05	0.014961	0.744179
948	490486.72	3861035.12	6.02834	7.9852	5.7682	10.22959	5.46E-01	0.03378	0.00011	0.02369	0.60388	6.90E-01	0.042637	9.17E-05	0.013832	7.46E-01	0.679693	0.036671	7.49E-05	0.01469	0.731129
949	490536.72	3861035.12	6.00246	7.86826	6.05408	10.04391	5.44E-01	0.03329	0.00011	0.02326	0.60062	6.87E-01	0.042013	9.62E-05	0.01358	7.42E-01	0.676775	0.036134	7.86E-05	0.014424	0.727411
950	490586.72	3861035.12	6.24855	7.66246	6.16785	9.86652	5.66E-01	0.03242	0.00012	0.02285	0.62164	7.15E-01	0.040914	9.8E-05	0.013341	7.69E-01	0.704522	0.035189	8.01E-05	0.014169	0.75396
951	490636.72	3861035.12	6.4148	7.82534	6.17166	9.65164	5.81E-01	0.03311	0.00012	0.02236	0.6369	7.34E-01	0.041784	9.81E-05	0.01305	7.89E-01	0.723267	0.035937	8.01E-05	0.01386	0.773144
952	490686.72	3861035.12	6.54946	8.02164	6.41285	10.17753	5.94E-01	0.03394	0.00012	0.02357	0.65115	7.49E-01	0.042832	0.000102	0.013761	8.06E-01	0.738449	0.036838	8.32E-05	0.014615	0.789986
953	490736.72	3861035.12	6.59275	7.95655	6.3372	10.40749	5.97E-01	0.03366	0.00012	0.02411	0.65533	7.54E-01	0.042484	0.000101	0.014072	8.11E-01	0.74333	0.036539	8.23E-05	0.014946	0.794898
954	490786.72	3861035.12	6.58387	8.0297	6.33735	10.83904	5.97E-01	0.03397	0.00012	0.02511	0.65584	7.53E-01	0.042875	0.000101	0.014656	8.11E-01	0.742329	0.036875	8.23E-05	0.015565	0.794852
955	490836.72	3861035.12	6.6296	8.13554	6.32708	10.55398	6.01E-01	0.03442	0.00012	0.02445	0.65977	7.58E-01	0.04344	0.000101	0.01427	8.16E-01	0.747485	0.037361	8.21E-05	0.015156	0.800085
956	490086.72	3861085.12	5.90397	7.31752	6.20355	10.05162	5.35E-01	0.03096	0.00012	0.02328	0.58938	6.75E-01	0.039072	9.86E-05	0.013591	7.28E-01	0.665671	0.033605	8.05E-05	0.014435	0.713791
957	490136.72	3861085.12	5.9538	7.60305	6.21572	9.82867	5.40E-01	0.03216	0.00012	0.02277	0.59459	6.81E-01	0.040597	9.88E-05	0.013289	7.35E-01	0.671289	0.034916	8.07E-05	0.014114	0.7204
958	490186.72	3861085.12	6.07105	7.37044	6.14212	9.75456	5.50E-01	0.03118	0.00011	0.02259	0.60406	6.94E-01	0.039355	9.76E-05	0.013189	7.47E-01	0.684509	0.033848	7.97E-05	0.014008	0.732444
959	490236.72	3861085.12	6.0264	7.51975	6.08487	9.86155	5.46E-01	0.03181	0.00011	0.02284	0.60089	6.89E-01	0.040152	9.67E-05	0.013334	7.43E-01	0.679475	0.034533	7.9E-05	0.014162	0.728249
960	490286.72	3861085.12	6.1592	7.80884	6.14115	10.10295	5.58E-01	0.03304	0.00011	0.0234	0.61471	7.04E-01	0.041695	9.76E-05	0.01366	7.60E-01	0.694448	0.035861	7.97E-05	0.014508	0.744897
961	490336.72	3861085.12	6.15608	8.01921	6.10172	10.1968	5.58E-01	0.03393	0.00011	0.02362	0.61553	7.04E-01	0.042819	9.7E-05	0.013787	7.61E-01	0.694096	0.036827	7.92E-05	0.014643	0.745645
962	490386.72	3861085.12	6.15201	8.00029	6.09253	10.41771	5.58E-01	0.03385	0.00011	0.02413	0.6156	7.04E-01	0.042718	9.68E-05	0.014086	7.61E-01	0.693637	0.03674	7.91E-05	0.01496	0.745417
963	490436.72	3861085.12	6.05122	7.85942	5.87946	10.27764	5.48E-01	0.03325	0.00011	0.0238	0.60554	6.92E-01	0.041966	9.34E-05	0.013896	7.48E-01	0.682273	0.036093	7.63E-05	0.014759	0.733202
964	490486.72	3861085.12	6.01247	7.71434	5.71673	10.25055	5.45E-01	0.03264	0.00011	0.02374	0.60135	6.88E-01	0.041191	9.09E-05	0.01386	7.43E-01	0.677904	0.035427	7.42E-05	0.01472	0.728126
965	490536.72	3861085.12	5.90912	7.86052	5.68165	10.03628	5.35E-01	0.03325	0.00011	0.02325	0.5921	6.76E-01	0.041971	9.03E-05	0.01357	7.32E-01	0.666251	0.036098	7.38E-05	0.014413	0.716836
966	490586.72	3861085.12	5.90817	7.72142	5.96438	9.80226	5.35E-01	0.03267	0.00011	0.0227	0.59089	6.76E-01	0.041229	9.48E-05	0.013254	7.30E-01	0.666144	0.03546	7.74E-05	0.014077	0.715758
967	490636.72	3861085.12	6.13813	7.50846	6.0574	9.63101	5.56E-01	0.03176	0.00011	0.02231	0.61044	7.02E-01	0.040092	9.63E-05	0.013022	7.55E-01	0.692072	0.034482	7.86E-05	0.013831	0.740463
968	490686.72	3861085.12	6.29534	7.69286	6.06819	9.4862	5.70E-01	0.03254	0.00011	0.02197	0.62513	7.20E-01	0.041076	9.64E-05	0.012826	7.74E-01	0.709797	0.035328	7.88E-05	0.013623	0.758827
969	490736.72	3861085.12	6.42988	7.87748	6.29923	10.00388	5.83E-01	0.03333	0.00012	0.02317	0.6393	7.35E-01	0.042062	0.0001	0.013526	7.91E-01	0.724967	0.036176	8.18E-05	0.014366	0.775591
970	490786.72	3861085.12	6.47209	7.8255	6.23665	10.22089	5.87E-01	0.03311	0.00012	0.02367	0.64341	7.40E-01	0.041784	9.91E-05	0.01382	7.96E-01	0.729726	0.035938	8.1E-05	0.014678	0.780422
971	490836.72	3861085.12	6.46491	7.89612	6.23522	10.65005	5.86E-01	0.0334	0.00012	0.02467	0.64405	7.39E-01	0.042162	9.91E-05	0.0144	7.96E-01	0.728916	0.036262	8.09E-05	0.015294	0.780553
972	490086.72	3861135.12	5.70653	7.106	6.15875	9.66246	5.17E-01	0.03006	0.00012	0.02238	0.5697	6.53E-01	0.037943	9.79E-05	0.013065	7.04E-01	0.643409	0.032633	7.99E-05	0.013876	0.689998

973	490136.72	3861135.12	5.80658	7.30007	6.08719	10.0092	5.26E-01	0.03088	0.00011	0.02318	0.58038	6.64E-01	0.038979	9.67E-05	0.013534	7.17E-01	0.65469	0.033525	7.9E-05	0.014374	0.702667
974	490186.72	3861135.12	5.88607	7.34984	6.13865	9.61127	5.33E-01	0.03109	0.00011	0.02226	0.58688	6.73E-01	0.039245	9.76E-05	0.012995	7.26E-01	0.663652	0.033753	7.97E-05	0.013802	0.711288
975	490236.72	3861135.12	5.95608	7.22132	6.02364	9.63632	5.40E-01	0.03055	0.00011	0.02232	0.59273	6.81E-01	0.038558	9.57E-05	0.013029	7.33E-01	0.671546	0.033163	7.82E-05	0.013838	0.718625
976	490286.72	3861135.12	5.94249	7.4449	5.9967	9.71186	5.39E-01	0.0315	0.00011	0.02249	0.59262	6.80E-01	0.039752	9.53E-05	0.013131	7.33E-01	0.670014	0.03419	7.78E-05	0.013947	0.718228
977	490336.72	3861135.12	6.04685	7.73837	6.03371	9.93223	5.48E-01	0.03274	0.00011	0.023	0.60383	6.92E-01	0.041319	9.59E-05	0.013429	7.46E-01	0.68178	0.035537	7.83E-05	0.014263	0.731659
978	490386.72	3861135.12	6.04684	7.89918	6.00537	10.08067	5.48E-01	0.03342	0.00011	0.02335	0.60486	6.92E-01	0.042178	9.54E-05	0.01363	7.48E-01	0.681779	0.036276	7.8E-05	0.014476	0.732609
979	490436.72	3861135.12	6.02884	7.85483	5.98269	10.26	5.46E-01	0.03323	0.00011	0.02376	0.60345	6.90E-01	0.041941	9.51E-05	0.013873	7.45E-01	0.67975	0.036072	7.77E-05	0.014734	0.730634
980	490486.72	3861135.12	5.95644	7.72959	5.76887	10.09436	5.40E-01	0.0327	0.00011	0.02338	0.59597	6.81E-01	0.041272	9.17E-05	0.013649	7.36E-01	0.671587	0.035497	7.49E-05	0.014496	0.721655
981	490536.72	3861135.12	5.89312	7.5315	5.60196	10.06452	5.34E-01	0.03186	0.0001	0.02331	0.58933	6.74E-01	0.040215	8.9E-05	0.013608	7.28E-01	0.664447	0.034587	7.27E-05	0.014453	0.713561
982	490586.72	3861135.12	5.77585	7.71289	5.58895	9.81458	5.23E-01	0.03263	0.0001	0.02273	0.57889	6.61E-01	0.041183	8.88E-05	0.01327	7.15E-01	0.651225	0.03542	7.25E-05	0.014094	0.700812
983	490636.72	3861135.12	5.80778	7.56393	5.86774	9.58997	5.26E-01	0.032	0.00011	0.02221	0.58063	6.64E-01	0.040388	9.33E-05	0.012967	7.18E-01	0.654825	0.034736	7.62E-05	0.013772	0.703409
984	490686.72	3861135.12	6.0372	7.37391	5.95612	9.38381	5.47E-01	0.0312	0.00011	0.02173	0.60015	6.91E-01	0.039373	9.47E-05	0.012688	7.43E-01	0.680692	0.033864	7.73E-05	0.013476	0.728109
985	490736.72	3861135.12	6.19242	7.58151	5.97894	9.32811	5.61E-01	0.03207	0.00011	0.02161	0.61496	7.08E-01	0.040482	9.5E-05	0.012613	7.61E-01	0.698193	0.034817	7.76E-05	0.013396	0.746484
986	490786.72	3861135.12	6.32264	7.74823	6.19703	9.83647	5.73E-01	0.03278	0.00012	0.02278	0.62865	7.23E-01	0.041372	9.85E-05	0.0133	7.78E-01	0.712875	0.035583	8.04E-05	0.014126	0.762664
987	490836.72	3861135.12	6.35676	7.70186	6.1368	10.04089	5.76E-01	0.03258	0.00011	0.02326	0.63202	7.27E-01	0.041124	9.75E-05	0.013576	7.82E-01	0.716723	0.03537	7.97E-05	0.014419	0.766591
988	490086.72	3861185.12	5.63856	6.94876	6.14159	9.23275	5.11E-01	0.0294	0.00011	0.02138	0.56187	6.45E-01	0.037103	9.76E-05	0.012484	6.95E-01	0.635746	0.031911	7.97E-05	0.013259	0.680995
989	490136.72	3861185.12	5.63502	6.97973	6.05232	9.49703	5.11E-01	0.02953	0.00011	0.022	0.5623	6.45E-01	0.037268	9.62E-05	0.012841	6.95E-01	0.635347	0.032054	7.86E-05	0.013638	0.681117
990	490186.72	3861185.12	5.72018	7.24584	5.96523	9.84648	5.18E-01	0.03065	0.00011	0.02281	0.57195	6.54E-01	0.038689	9.48E-05	0.013314	7.06E-01	0.644948	0.033276	7.74E-05	0.01414	0.692441
991	490236.72	3861185.12	5.78106	7.13578	6.048	9.45528	5.24E-01	0.03019	0.00011	0.0219	0.57609	6.61E-01	0.038102	9.61E-05	0.012785	7.12E-01	0.651813	0.03277	7.85E-05	0.013578	0.698239
992	490286.72	3861185.12	5.84179	7.11372	5.90709	9.51836	5.29E-01	0.03009	0.00011	0.02205	0.58165	6.68E-01	0.037984	9.39E-05	0.01287	7.19E-01	0.65866	0.032669	7.67E-05	0.013669	0.705074
993	490336.72	3861185.12	5.86522	7.33053	5.88206	9.58232	5.32E-01	0.03101	0.00011	0.02219	0.58484	6.71E-01	0.039142	9.35E-05	0.012956	7.23E-01	0.661302	0.033665	7.64E-05	0.013761	0.708803
994	490386.72	3861185.12	5.91549	7.62013	5.91595	9.77168	5.36E-01	0.03224	0.00011	0.02263	0.59105	6.77E-01	0.040688	9.4E-05	0.013212	7.31E-01	0.666969	0.034994	7.68E-05	0.014033	0.716073
995	490436.72	3861185.12	5.93076	7.76114	5.90648	9.97328	5.37E-01	0.03283	0.00011	0.0231	0.5935	6.78E-01	0.041441	9.39E-05	0.013485	7.33E-01	0.668691	0.035642	7.67E-05	0.014322	0.718732
996	490486.72	3861185.12	5.90602	7.69967	5.86521	10.13231	5.35E-01	0.03257	0.00011	0.02347	0.59137	6.76E-01	0.041113	9.32E-05	0.0137	7.30E-01	0.665902	0.03536	7.61E-05	0.014551	0.715888
997	490536.72	3861185.12	5.87272	7.61657	5.67521	9.93925	5.32E-01	0.03222	0.00011	0.02302	0.58755	6.72E-01	0.040669	9.02E-05	0.013439	7.26E-01	0.662147	0.034978	7.37E-05	0.014273	0.711472
998	490586.72	3861185.12	5.78406	7.39388	5.4906	9.86012	5.24E-01	0.03128	0.0001	0.02284	0.57838	6.62E-01	0.03948	8.73E-05	0.013332	7.14E-01	0.652151	0.033955	7.13E-05	0.01416	0.700337
999	490636.72	3861185.12	5.65164	7.55331	5.49588	9.62858	5.12E-01	0.03195	0.0001	0.0223	0.56652	6.46E-01	0.040331	8.73E-05	0.013019	7.00E-01	0.63722	0.034688	7.13E-05	0.013827	0.685807
1000	490686.72	3861185.12	5.71755	7.40802	5.77991	9.40166	5.18E-01	0.03134	0.00011	0.02178	0.57136	6.54E-01	0.039555	9.19E-05	0.012712	7.06E-01	0.644652	0.03402	7.5E-05	0.013501	0.692248
1001	490736.72	3861185.12	5.94504	7.24311	5.86328	9.1427	5.39E-01	0.03064	0.00011	0.02118	0.59068	6.80E-01	0.038675	9.32E-05	0.012362	7.31E-01	0.670301	0.033263	7.61E-05	0.013129	0.71677
1002	490786.72	3861185.12	6.0902	7.47148	5.89377	9.17625	5.52E-01	0.03161	0.00011	0.02125	0.60488	6.97E-01	0.039894	9.37E-05	0.012407	7.49E-01	0.686668	0.034312	7.65E-05	0.013178	0.734234
1003	490836.72	3861185.12	6.21941	7.62393	6.09841	9.6684	5.64E-01	0.03225	0.00011	0.02239	0.61838	7.11E-01	0.040708	9.69E-05	0.013073	7.65E-01	0.701236	0.035012	7.92E-05	0.013884	0.750212
1004	490086.72	3861235.12	5.57772	6.96855	5.96221	9.10444	5.05E-01	0.02948	0.00011	0.02109	0.55614	6.38E-01	0.037209	9.48E-05	0.01231	6.88E-01	0.628886	0.032002	7.74E-05	0.013074	0.67404
1005	490136.72	3861235.12	5.5463	6.85359	6.06908	9.16278	5.03E-01	0.02899	0.00011	0.02122	0.55295	6.34E-01	0.036595	9.65E-05	0.012389	6.83E-01	0.625343	0.031474	7.88E-05	0.013158	0.670055
1006	490186.72	3861235.12	5.5864	6.93911	5.93455	9.43337	5.06E-01	0.02936	0.00011	0.02185	0.55757	6.39E-01	0.037052	9.43E-05	0.012755	6.89E-01	0.629865	0.031867	7.7E-05	0.013547	0.675356
1007	490236.72	3861235.12	5.64127	7.21296	5.87968	9.52234	5.11E-01	0.03051	0.00011	0.02206	0.5639	6.45E-01	0.038514	9.34E-05	0.012875	6.97E-01	0.636051	0.033125	7.63E-05	0.013675	0.682927
1008	490386.72	3861235.12	5.7921	7.26577	5.7667	9.45085	5.25E-01	0.03074	0.00011	0.02189	0.57763	6.62E-01	0.038796	9.17E-05	0.012779	7.14E-01	0.653057	0.033367	7.49E-05	0.013572	0.700071
1009	490436.72	3861235.12	5.80241	7.5013	5.79731	9.58059	5.26E-01	0.03173	0.00011	0.02219	0.57986	6.64E-01	0.040053	9.21E-05	0.012954	7.17E-01	0.65422	0.034449	7.53E-05	0.013758	0.702502
1010	490486.72	3861235.12	5.825	7.60039	5.78164	9.81375	5.28E-01	0.03215	0.00011	0.02273	0.58287	6.66E-01	0.040582	9.19E-05	0.013269	7.20E-01	0.656767	0.034904	7.5E-05	0.014093	0.705839
1011	490536.72	3861235.12	5.8057	7.55893	5.75789	9.98696	5.26E-01	0.03198	0.00011	0.02313	0.58134	6.64E-01	0.040361	9.15E-05	0.013503	7.18E-01	0.654591	0.034713	7.47E-05	0.014342	0.703721
1012	490586.72	3861235.12	5.78502	7.48262	5.57788	9.77917	5.24E-01	0.03166	0.0001	0.02265	0.57866	6.62E-01	0.039954	8.87E-05	0.013222	7.15E-01	0.652259	0.034363	7.24E-05	0.014043	0.700738
1013	490636.72	3861235.12	5.65341	7.24809	5.36858	9.65143	5.12E-01	0.03066	0.0001	0.02235	0.56544	6.47E-01	0.038701	8.53E-05	0.01305	6.98E-01	0.63742	0.033286	6.97E-05	0.01386	0.684636
1014	490686.72	3861235.12	5.53033	7.39917	5.41212	9.46059	5.01E-01	0.0313	0.0001	0.02191	0.55449	6.33E-01	0.039508	8.6E-05	0.012792	6.85E-01	0.623543	0.03398	7.03E-05	0.013586	0.671179
1015	490736.72	3861235.12	5.6405	7.26153	5.70465	9.22862	5.11E-01	0.03072	0.00011	0.02138	0.56336	6.45E-01	0.038773	9.07E-05	0.012478	6.96E-01	0.635964	0.033348	7.4E-05	0.013253	0.682639
1016	490786.72	3861235.12	5.85917	7.13471	5.77651	8.90096	5.31E-01	0.03018	0.00011	0.02062	0.58188	6.70E-01	0.038096	9.18E-05	0.012035	7.20E-01	0.660619	0.032765	7.5E-05	0.012782	0.706242
1017	490836.72	3861235.12	5.98864	7.35749	5.80985	9.0275	5.43E-01	0.03113	0.00011	0.02091	0.59485	6.85E-01	0.039285	9.23E-05	0.012206	7.37E-01	0.675217	0.033788	7.54E-05	0.012964	0.722045
1018	490086.72	3861285.12	5.50308	6.84805	5.99649	8.91695	4.99E-01	0.02897	0.00011	0.02065	0.54844	6.29E-01	0.036565	9.53E-05	0.012057	6.78E-01	0.62047	0.031449	7.78E-05	0.012805	0.664802
1019	490136.72	3861285.12	5.46319	6.86708	5.90678	8.90663	4.95E-01	0.02905	0.00011	0.02063	0.54488	6.25E-01	0.036667	9.39E-05	0.012043	6.74E-01	0.615973	0.031536	7.67E-05	0.01279	0.660376
1020	490186.72	3861285.12	5.45554	6.77412	6.01011	9.12255	4.94E-01	0.02866	0.00011	0.02113	0.54429	6.24E-01	0.036171	9.55E-05	0.012335	6.73E-01	0.61511	0.031109	7.8E-05	0.0131	0.659398
1021	490236.72	3861285.12	5.53943	6.85693	5.83596	9.3628	5.02E-01	0.02901	0.00011	0.02169	0.5528	6.34E-01	0.036613	9.28E-05	0.01266	6.83E-01	0.624569	0.03149	7.58E-05	0.013445	0.66958
1022	490386.72	3861285.12	5.60218	6.93995	5.67494	9.23739	5.08E-01	0.02936	0.00011	0.0214	0.55854	6.41E-01	0.037056	9.02E-05	0.01249	6.90E-01	0.631644	0.031871	7.37E-05	0.013265	0.676854
1023	490436.72	3861285.12	5.72378	7.21878	5.66659	9.33518	5.19E-01	0.03054	0.00011	0.02162	0.57097	6.55E-01	0.038545	9.01E-05	0.012622	7.06E-01	0.645354	0.033151	7.36E-05	0.013406	0.691985
1024	490486.72	3861285.12	5.72205	7.43438	5.68102	9.44761	5.19E-01	0.03145	0.00011	0.02188	0.57198	6.54E-01	0.039696	9.03E-05	0.012774	7.07E-01	0.645159	0.034141	7.37E-05	0.013567	0.692942
1025	490536.72	3861285.12	5.74736	7.49429	5.67889	9.67004	5.21E-01	0.0317	0.00011	0.0224	0.57505	6.57E-01	0.040016	9.03E-05	0.013075	7.11E-01	0.648013	0.034417	7.37E-05	0.013887	0.69639
1026	490586.72	3861285.12	5.70057	7.38048	5.6333	9.729	5.17E-01	0.03122	0.00011	0.02253	0.57046	6.52E-01	0.039408	8.95E-05	0.013155	7.05E-01	0.642737	0.033894	7.31E-05	0.013971	0.690676
1027	490636.72	3861285.12	5.66161	7.28423	5.45129	9.5755	5.13E-01	0.03082	0.0001	0.02218	0.56616	6.48E-01	0.038894	8.66E-05	0.012947	6.99E-01	0.638345	0.033452	7.08E-05	0.013751	0.685618
1028	490686.72	3861285.12	5.5348	7.12733	5.26812	9.49569	5.02E-01	0.03015	9.9E-05	0.02199	0.55382	6.33E-01	0.038057	8.37E-05	0.012839	6.84E-01	0.624047	0.032731	6.84E-05	0.013636	0.670483
1029	490736.72	3861285.12	5.42517	7.26613	5.34252	9.3115	4.92E-01	0.03074	0.0001	0.02157	0.54405	6.21E-01	0.038798	8.49E-05	0.01259	6.72E-01	0.611686	0.033369	6.93E-05	0.013372	0.658496
1030	490786.72	3861285.12	5.5625	7.10172	5.62854	9.06228	5.04E-01	0.03004	0.00011	0.02099	0.55522	6.36E-01	0.03792	8.95E-05	0.012253	6.86E-01	0.62717	0.032614	7.31E-05	0.013014	0.672871
1031	490836.72	3861285.12	5.75837	7.00813	5.67549	8.64792	5.22E-01	0.02965	0.00011	0.02003	0.57162	6.59E-01	0.03742	9.02E-05	0.011693	7.08E-01	0.649254	0.032184	7.37E-05	0.012419	0.693931
1032	490061.24	3859716.13	9.2662	11.80494	9.21719	15.5017	8.40E-01	0.04994	0.00017	0.0359	0.92574	1.06E+00	0.063033	0.000146	0.02096	1.14E+00	1.044761	0.054213	0.00012	0.022261	1.121354
1033	490111.24	3859716.13	8.77089	11.32542	9.03391	14.9702	7.95E-01	0.04791	0.00017	0.03467	0.87759	1.00E+00	0.060472	0.000144	0.020241	1.08E+00	0.988915	0.052011	0.000117	0.021498	1.062541

1034	490161.24	3859716.13	8.41836	11.1908	8.74927	14.34586	7.63E-01	0.04734	0.00016	0.03323	0.84362	9.63E-01	0.059754	0.000139	0.019397	1.04E+00	0.949167	0.051392	0.000114	0.020601	1.021274
1035	490211.24	3859716.13	8.12543	11.0208	8.69972	14.13084	7.36E-01	0.04662	0.00016	0.03273	0.81586	9.29E-01	0.058846	0.000138	0.019106	1.01E+00	0.916139	0.050612	0.000113	0.020293	0.987157
1036	490061.24	3859766.13	9.41213	12.07061	8.93729	16.01596	8.53E-01	0.05106	0.00017	0.0371	0.94128	1.08E+00	0.064451	0.000142	0.021655	1.16E+00	1.061214	0.055433	0.000116	0.023	1.139763
1037	490111.24	3859766.13	9.2034	11.72524	9.06217	15.37197	8.34E-01	0.0496	0.00017	0.0356	0.91941	1.05E+00	0.062607	0.000144	0.020785	1.14E+00	1.03768	0.053847	0.000118	0.022075	1.113719
1038	490161.24	3859766.13	8.84038	11.26757	8.89823	14.95854	8.01E-01	0.04767	0.00017	0.03465	0.88361	1.01E+00	0.060163	0.000141	0.020226	1.09E+00	0.99675	0.051745	0.000116	0.021481	1.070091
1039	490211.24	3859766.13	8.38519	11.15898	8.70642	14.25239	7.60E-01	0.04721	0.00016	0.03301	0.84027	9.59E-01	0.059584	0.000138	0.019271	1.04E+00	0.945427	0.051246	0.000113	0.020467	1.017254
1040	490061.24	3859816.13	9.45757	12.33704	9.17484	16.42528	8.57E-01	0.05219	0.00017	0.03804	0.94747	1.08E+00	0.065874	0.000146	0.022209	1.17E+00	1.066338	0.056656	0.000119	0.023588	1.146701
1041	490111.24	3859816.13	9.24218	11.95001	8.78863	15.88816	8.38E-01	0.05055	0.00016	0.0368	0.92506	1.06E+00	0.063807	0.00014	0.021483	1.14E+00	1.042053	0.054879	0.000114	0.022816	1.119862
1042	490161.24	3859816.13	9.0365	11.62304	8.87927	15.22454	8.19E-01	0.04917	0.00017	0.03526	0.90351	1.03E+00	0.062061	0.000141	0.020585	1.12E+00	1.018862	0.053377	0.000115	0.021863	1.094218
1043	490211.24	3859816.13	8.86727	11.18237	8.75092	14.74144	8.04E-01	0.04731	0.00016	0.03414	0.88519	1.01E+00	0.059709	0.000139	0.019932	1.09E+00	0.999782	0.051354	0.000114	0.021169	1.072418
1044	490061.24	3859866.13	9.55869	12.37394	9.38385	16.67194	8.66E-01	0.05235	0.00018	0.03862	0.95737	1.09E+00	0.066071	0.000149	0.022542	1.18E+00	1.077739	0.056826	0.000122	0.023942	1.158628
1045	490111.24	3859866.13	9.23224	12.14938	9.08747	16.22692	8.37E-01	0.0514	0.00017	0.03758	0.9258	1.06E+00	0.064872	0.000144	0.021941	1.14E+00	1.040932	0.055794	0.000118	0.023303	1.120147
1046	490161.24	3859866.13	9.09671	11.80565	8.67534	15.78046	8.24E-01	0.04994	0.00016	0.03655	0.91102	1.04E+00	0.063037	0.000138	0.021337	1.12E+00	1.025651	0.054216	0.000113	0.022662	1.102641
1047	490211.24	3859866.13	8.90828	11.53777	8.69069	15.04163	8.07E-01	0.04881	0.00016	0.03484	0.8911	1.02E+00	0.061606	0.000138	0.020338	1.10E+00	1.004406	0.052986	0.000113	0.021601	1.079105
1048	490061.24	3859916.13	9.68668	12.19832	9.56671	16.31985	8.78E-01	0.05161	0.00018	0.0378	0.96741	1.11E+00	0.065133	0.000152	0.022066	1.20E+00	1.09217	0.056019	0.000124	0.023436	1.171749
1049	490111.24	3859916.13	9.45943	12.21067	9.31161	16.39576	8.57E-01	0.05166	0.00017	0.03798	0.94704	1.08E+00	0.065199	0.000148	0.022169	1.17E+00	1.066547	0.056076	0.000121	0.023545	1.146289
1050	490161.24	3859916.13	9.0463	11.97599	8.98234	15.95692	8.20E-01	0.05066	0.00017	0.03696	0.90759	1.03E+00	0.063946	0.000143	0.021575	1.12E+00	1.019967	0.054998	0.000117	0.022915	1.097997
1051	490211.24	3859916.13	8.9934	11.66001	8.61753	15.53283	8.15E-01	0.04933	0.00016	0.03598	0.90047	1.03E+00	0.062259	0.000137	0.021002	1.11E+00	1.014003	0.053547	0.000112	0.022306	1.089968
1052	490229.25	3859815.26	8.70563	11.02824	8.67059	14.52995	7.89E-01	0.04666	0.00016	0.03365	0.86939	9.96E-01	0.058886	0.000138	0.019646	1.07E+00	0.981557	0.050646	0.000113	0.020866	1.053181
1053	490279.25	3859815.26	8.24593	10.94487	8.56649	13.93401	7.47E-01	0.0463	0.00016	0.03227	0.826	9.43E-01	0.05844	0.000136	0.01884	1.02E+00	0.929726	0.050263	0.000111	0.02001	1.00011
1054	490329.25	3859815.26	8.08351	10.7988	8.44899	13.7922	7.33E-01	0.04568	0.00016	0.03195	0.81033	9.25E-01	0.05766	0.000134	0.018649	1.00E+00	0.911413	0.049592	0.00011	0.019806	0.980921
1055	490379.25	3859815.26	7.95299	10.52141	8.34299	13.50312	7.21E-01	0.04451	0.00016	0.03128	0.79666	9.10E-01	0.056179	0.000133	0.018258	9.84E-01	0.896697	0.048318	0.000108	0.019391	0.964515
1056	490429.25	3859815.26	7.75313	10.2156	8.21587	13.02806	7.03E-01	0.04322	0.00015	0.03018	0.77615	8.87E-01	0.054546	0.000131	0.017615	9.59E-01	0.874163	0.046914	0.000107	0.018709	0.939892
1057	490229.25	3859865.26	8.8232	11.36877	8.75454	14.83339	8.00E-01	0.0481	0.00016	0.03436	0.88219	1.01E+00	0.060704	0.000139	0.020056	1.09E+00	0.994813	0.05221	0.000114	0.021302	1.068438
1058	490279.25	3859865.26	8.69021	10.87281	8.53222	14.43056	7.88E-01	0.046	0.00016	0.03342	0.86711	9.94E-01	0.058056	0.000136	0.019512	1.07E+00	0.979818	0.049932	0.000111	0.020723	1.050584
1059	490329.25	3859865.26	8.27252	10.78761	8.45973	13.77462	7.50E-01	0.04564	0.00016	0.0319	0.82737	9.46E-01	0.057601	0.000134	0.018625	1.02E+00	0.932724	0.049541	0.00011	0.019781	1.002155
1060	490379.25	3859865.26	8.00211	10.69967	8.37283	13.59539	7.25E-01	0.04527	0.00016	0.03149	0.80208	9.15E-01	0.057131	0.000133	0.018382	9.91E-01	0.902235	0.049137	0.000109	0.019524	0.971004
1061	490429.25	3859865.26	7.90317	10.42584	8.16489	13.44763	7.16E-01	0.04411	0.00015	0.03115	0.79161	9.04E-01	0.055669	0.00013	0.018183	9.78E-01	0.89108	0.047879	0.000106	0.019312	0.958377
1062	490229.25	3859915.26	8.88244	11.53381	8.571	15.30376	8.05E-01	0.04879	0.00016	0.03545	0.88935	1.02E+00	0.061585	0.000136	0.020692	1.10E+00	1.001492	0.052968	0.000111	0.021977	1.076548
1063	490279.25	3859915.26	8.67351	11.22689	8.56816	14.68485	7.86E-01	0.0475	0.00016	0.03401	0.86768	9.92E-01	0.059946	0.000136	0.019856	1.07E+00	0.977935	0.051558	0.000111	0.021088	1.050693
1064	490329.25	3859915.26	8.56697	10.74325	8.40584	14.20894	7.76E-01	0.04545	0.00016	0.03291	0.85487	9.80E-01	0.057364	0.000134	0.019212	1.06E+00	0.965923	0.049337	0.000109	0.020405	1.035774
1065	490379.25	3859915.26	8.28706	10.64338	8.33924	13.50564	7.51E-01	0.04503	0.00016	0.03128	0.82746	9.48E-01	0.056831	0.000133	0.018261	1.02E+00	0.934363	0.048878	0.000108	0.019395	1.002745
1066	490429.25	3859915.26	7.85632	10.51188	8.24397	13.32274	7.12E-01	0.04447	0.00015	0.03086	0.78744	8.99E-01	0.056128	0.000131	0.018014	9.73E-01	0.885797	0.048274	0.000107	0.019132	0.953311
1067	490451.43	3859872.59	7.8854	10.28975	8.209	13.20928	7.15E-01	0.04353	0.00015	0.0306	0.78887	9.02E-01	0.054942	0.00013	0.01786	9.75E-01	0.889076	0.047254	0.000107	0.018969	0.955406
1068	490501.43	3859872.59	7.67657	10.01578	8.11132	12.72768	6.96E-01	0.04237	0.00015	0.02948	0.76767	8.78E-01	0.053479	0.000129	0.017209	9.49E-01	0.865531	0.045996	0.000105	0.018278	0.92991
1069	490551.43	3859872.59	7.47495	9.993	8.18147	12.55244	6.77E-01	0.04228	0.00015	0.02907	0.7489	8.55E-01	0.053358	0.00013	0.016972	9.25E-01	0.842798	0.045892	0.000106	0.018026	0.906822
1070	490601.43	3859872.59	7.32169	10.03471	7.99227	12.7013	6.64E-01	0.04245	0.00015	0.02942	0.73553	8.37E-01	0.053581	0.000127	0.017174	9.08E-01	0.825518	0.046083	0.000104	0.01824	0.889945
1071	490451.43	3859922.59	7.80764	10.43463	8.16383	13.3245	7.08E-01	0.04414	0.00015	0.03086	0.7827	8.93E-01	0.055716	0.00013	0.018016	9.67E-01	0.880309	0.04792	0.000106	0.019135	0.947469
1072	490501.43	3859922.59	7.73729	10.17774	7.99343	13.0814	7.01E-01	0.04306	0.00015	0.0303	0.77468	8.85E-01	0.054344	0.000127	0.017687	9.57E-01	0.872377	0.04674	0.000104	0.018786	0.938006
1073	490551.43	3859922.59	7.65479	9.88994	7.98577	12.52628	6.94E-01	0.04184	0.00015	0.02901	0.7647	8.76E-01	0.052808	0.000127	0.016937	9.45E-01	0.863075	0.045418	0.000104	0.017988	0.926585
1074	490601.43	3859922.59	7.44687	9.86509	8.03986	12.36343	6.75E-01	0.04173	0.00015	0.02864	0.74537	8.52E-01	0.052675	0.000128	0.016717	9.21E-01	0.839632	0.045304	0.000104	0.017755	0.902795
1075	482129.67	3852241.07	7.77506	9.39874	9.26907	9.62523	7.05E-01	0.03976	0.00017	0.02229	0.76682	8.89E-01	0.050185	0.000147	0.013014	9.53E-01	0.876635	0.043163	0.00012	0.013822	0.933741
1076	482029.67	3852291.07	7.62117	10.30955	9.14332	9.46524	6.91E-01	0.04361	0.00017	0.02192	0.75636	8.72E-01	0.055048	0.000145	0.012798	9.40E-01	0.859284	0.047345	0.000119	0.013593	0.920341
1077	482079.67	3852291.07	7.7971	9.64336	9.19665	9.36172	7.07E-01	0.0408	0.00017	0.02168	0.76924	8.92E-01	0.051491	0.000146	0.012658	9.56E-01	0.87912	0.044286	0.000119	0.013444	0.93697
1078	482129.67	3852291.07	8.01773	9.6112	9.25995	9.72935	7.27E-01	0.04066	0.00017	0.02254	0.78995	9.17E-01	0.051319	0.000147	0.013155	9.82E-01	0.903996	0.044138	0.00012	0.013972	0.962227
1079	482179.67	3852291.07	7.91515	9.70562	9.50358	9.74424	7.17E-01	0.04106	0.00018	0.02257	0.78109	9.05E-01	0.051823	0.000151	0.013175	9.70E-01	0.89243	0.044572	0.000123	0.013993	0.951119
1080	482229.67	3852291.07	8.15475	10.00863	9.44	9.43817	7.39E-01	0.04234	0.00018	0.02186	0.80338	9.33E-01	0.053441	0.00015	0.012761	9.99E-01	0.919445	0.045963	0.000123	0.013554	0.979085
1081	482029.67	3852341.07	7.98204	10.6012	9.34216	9.43125	7.23E-01	0.04485	0.00017	0.02184	0.79022	9.13E-01	0.056605	0.000148	0.012752	9.82E-01	0.899972	0.048685	0.000121	0.013544	0.962322
1082	482079.67	3852341.07	7.74493	10.36781	9.29821	9.67813	7.02E-01	0.04386	0.00017	0.02242	0.76831	8.86E-01	0.055359	0.000148	0.013086	9.54E-01	0.873238	0.047613	0.000121	0.013898	0.93487
1083	482129.67	3852341.07	7.9558	9.79175	9.33678	9.60805	7.21E-01	0.04142	0.00017	0.02225	0.78482	9.10E-01	0.052283	0.000148	0.012991	9.75E-01	0.897014	0.044967	0.000121	0.013798	0.9559
1084	482179.67	3852341.07	8.1717	9.74343	9.49759	9.87187	7.41E-01	0.04122	0.00018	0.02287	0.8048	9.35E-01	0.052025	0.000151	0.013348	1.00E+00	0.921356	0.044745	0.000123	0.014177	0.980402
1085	482259.06	3852400.14	8.17183	10.04658	9.73842	10.12642	7.41E-01	0.0425	0.00018	0.02345	0.80669	9.35E-01	0.053644	0.000155	0.013692	1.00E+00	0.921371	0.046138	0.000126	0.014542	0.982177
1086	482309.06	3852400.14	8.33994	10.28733	9.82253	10.10006	7.56E-01	0.04352	0.00018	0.02339	0.82288	9.54E-01	0.054929	0.000156	0.013656	1.02E+00	0.940325	0.047243	0.000128	0.014504	1.0022
1087	482209.06	3852450.14	8.08526	10.07392	9.50674	10.18773	7.33E-01	0.04262	0.00018	0.0236	0.7991	9.25E-01	0.05379	0.000151	0.013775	9.92E-01	0.91161	0.046263	0.000123	0.01463	0.972627
1088	482259.06	3852450.14	8.34211	9.97948	9.81405	10.21222	7.56E-01	0.04222	0.00018	0.02365	0.82203	9.54E-01	0.053286	0.000156	0.013808	1.02E+00	0.94057	0.045829	0.000127	0.014665	1.001192
1089	482309.06	3852450.14	8.36504	10.39943	10.00405	10.27838	7.58E-01	0.04399	0.00019	0.02381	0.82605	9.57E-01	0.055528	0.000159	0.013897	1.03E+00	0.943155	0.047758	0.00013	0.01476	1.005804
1090	482209.06	3852500.14	8.13225	10.91188	9.92256	10.33689	7.37E-01	0.04616	0.00019	0.02394	0.80725	9.30E-01	0.058264	0.000158	0.013977	1.00E+00	0.916908	0.050111	0.000129	0.014844	0.981993
1091	482259.06	3852500.14	8.24641	10.24223	9.68745	10.3985	7.47E-01	0.04333	0.00018	0.02408	0.8149	9.43E-01	0.054689	0.000154	0.01406	1.01E+00	0.92978	0.047036	0.000126	0.014933	0.991875
1092	482309.06	3852500.14	8.54855	10.39645	10.02119	10.39643	7.75E-01	0.04398	0.00019	0.02408	0.84294	9.78E-01	0.055512	0.000159	0.014057	1.05E+00	0.963846	0.047744	0.00013	0.01493	1.02665
1093	482283.91	3852513.62	8.36342	10.29698	9.80929	10.43625	7.58E-01	0.04356	0.00018	0.02417	0.82583	9.57E-01	0.054981	0.000156	0.014111	1.03E+00	0.942973	0.047288	0.000127	0.014987	1.005375
1094	482333.91	3852513.62	8.61529	10.54462	10.12039	10.38947	7.81E-01	0.04461	0.00019	0.02406	0.8496	9.85E-01	0.056303	0.000161	0.014048	1.06E+00	0.971371	0.048425	0.000131	0.01492	1.034847

1095	482283.91	3852563.62	8.28869	10.81987	10.11692	10.81788		7.51E-01	0.04577	0.00019	0.02506	0.82216		9.48E-01	0.057773	0.000161	0.014627	1.02E+00		0.934547	0.049689	0.000131	0.015535	0.999902			
1096	482333.91	3852563.62	8.50443	10.43661	9.97334	10.7468		7.71E-01	0.04415	0.00019	0.02489	0.83992		9.73E-01	0.055727	0.000159	0.014531	1.04E+00		0.958872	0.047929	0.000129	0.015433	1.022363			
1097	482383.91	3852563.62	8.72142	10.77535	10.303	10.5827		7.90E-01	0.04559	0.00019	0.02451	0.86064		9.98E-01	0.057535	0.000164	0.014309	1.07E+00		0.983337	0.049484	0.000134	0.015197	1.048153			
1098	482283.91	3852613.62	8.7442	11.55022	10.41086	10.57365		7.92E-01	0.04886	0.00019	0.02449	0.86597		1.00E+00	0.061673	0.000165	0.014297	1.08E+00		0.985906	0.053043	0.000135	0.015184	1.054268			
1099	482333.91	3852613.62	8.44348	10.88562	10.32393	11.07142		7.65E-01	0.04605	0.00019	0.02564	0.83705		9.66E-01	0.058124	0.000164	0.01497	1.04E+00		0.951999	0.049991	0.000134	0.015899	1.018023			
1100	482383.91	3852613.62	8.6407	10.51188	10.12093	11.1088		7.83E-01	0.04447	0.00019	0.02573	0.85343		9.88E-01	0.056128	0.000161	0.01502	1.06E+00		0.974236	0.048274	0.000131	0.015953	1.038595			
1101	482602.38	3852600.87	8.46622	10.449	9.93873	10.20242		7.67E-01	0.0442	0.00019	0.02363	0.83525		9.68E-01	0.055793	0.000158	0.013795	1.04E+00		0.954563	0.047986	0.000129	0.014651	1.017329			
1102	482652.38	3852600.87	7.89442	10.81696	9.23846	9.71481		7.15E-01	0.04576	0.00017	0.0225	0.78384		9.03E-01	0.057757	0.000147	0.013135	9.74E-01		0.890093	0.049675	0.00012	0.013951	0.95384			
1103	482702.38	3852600.87	7.73869	10.62164	9.06762	8.87173		7.01E-01	0.04493	0.00017	0.02055	0.76695		8.85E-01	0.056714	0.000144	0.011996	9.54E-01		0.872535	0.048779	0.000118	0.01274	0.934171			
1104	482552.38	3852650.87	9.1815	11.26549	10.83283	11.10665		8.32E-01	0.04766	0.0002	0.02573	0.90563		1.05E+00	0.060152	0.000172	0.015017	1.13E+00		1.035211	0.051735	0.000141	0.01595	1.103037			
1105	482602.38	3852650.87	8.95643	10.58889	10.50912	10.40841		8.12E-01	0.0448	0.0002	0.02411	0.88075		1.02E+00	0.05654	0.000167	0.014073	1.10E+00		1.009834	0.048628	0.000136	0.014947	1.073546			
1106	482652.38	3852650.87	8.51819	10.79117	10.03882	10.39102		7.72E-01	0.04565	0.00019	0.02407	0.84184		9.74E-01	0.05762	0.00016	0.01405	1.05E+00		0.960423	0.049557	0.00013	0.014922	1.025032			
1107	482702.38	3852650.87	7.97297	10.94075	9.25326	9.94808		7.23E-01	0.04628	0.00017	0.02304	0.79203		9.12E-01	0.058418	0.000147	0.013451	9.84E-01		0.89895	0.050244	0.00012	0.014286	0.9636			
1108	482552.38	3852700.87	9.07777	11.71156	11.12007	11.04245		8.23E-01	0.04955	0.00021	0.02558	0.89798		1.04E+00	0.062534	0.000177	0.014931	1.12E+00		1.023515	0.053784	0.000144	0.015858	1.093301			
1109	482602.38	3852700.87	9.31812	11.19041	11.00771	11.27897		8.44E-01	0.04734	0.00021	0.02612	0.9181		1.07E+00	0.059751	0.000175	0.01525	1.14E+00		1.050615	0.051391	0.000143	0.016197	1.118345			
1110	482652.38	3852700.87	8.9771	10.52832	10.54573	10.73256		8.14E-01	0.04454	0.0002	0.02486	0.88312		1.03E+00	0.056216	0.000168	0.014512	1.10E+00		1.012165	0.04835	0.000137	0.015413	1.076064			
1111	482702.38	3852700.87	8.51435	10.95117	10.16104	10.63187		7.72E-01	0.04633	0.00019	0.02463	0.84273		9.74E-01	0.058474	0.000161	0.014375	1.05E+00		0.95999	0.050292	0.000132	0.015268	1.025682			
1112	482452.38	3852750.87	9.00036	11.49962	10.99912	11.56195		8.16E-01	0.04865	0.00021	0.02678	0.89127		1.03E+00	0.061402	0.000175	0.015633	1.11E+00		1.014788	0.052811	0.000143	0.016604	1.084344			
1113	482521.29	3852749.74	9.24083	11.72272	10.79866	11.62479		8.37E-01	0.04959	0.0002	0.02693	0.91414		1.06E+00	0.062594	0.000172	0.015718	1.14E+00		1.0419	0.053835	0.00014	0.016694	1.112569			
1114	482571.29	3852749.74	9.30181	11.56792	11.1956	11.28937		8.43E-01	0.04894	0.00021	0.02615	0.91825		1.06E+00	0.061767	0.000178	0.015264	1.14E+00		1.048776	0.053124	0.000145	0.016212	1.118258			
1115	482521.29	3852799.74	9.0571	11.38289	11.02473	12.05106		8.21E-01	0.04816	0.00021	0.02791	0.89705		1.04E+00	0.060779	0.000175	0.016294	1.11E+00		1.021185	0.052274	0.000143	0.017306	1.090908			
1116	482571.29	3852799.74	9.40441	11.83334	11.0289	11.87804		8.52E-01	0.05006	0.00021	0.02751	0.93003		1.08E+00	0.063184	0.000175	0.01606	1.16E+00		1.060344	0.054343	0.000143	0.017057	1.131888			
1117	482621.29	3852799.74	9.42874	11.98971	11.44987	11.53358		8.54E-01	0.05072	0.00021	0.02671	0.9321		1.08E+00	0.064019	0.000182	0.015595	1.16E+00		1.063087	0.055061	0.000149	0.016563	1.13486			
1118	482571.29	3852849.74	9.24324	11.9494	11.23248	12.3018		8.38E-01	0.05055	0.00021	0.02849	0.9169		1.06E+00	0.063804	0.000179	0.016633	1.14E+00		1.042172	0.054876	0.000146	0.017666	1.11486			
1119	482621.29	3852849.74	9.63402	12.01185	11.41632	12.06675		8.73E-01	0.05082	0.00021	0.02795	0.95203		1.10E+00	0.064138	0.000181	0.016316	1.18E+00		1.086232	0.055163	0.000148	0.017328	1.158872			
1120	482577.42	3852901.55	9.65905	12.2092	11.91613	12.25473		8.75E-01	0.05165	0.00022	0.02838	0.95558		1.10E+00	0.065191	0.000189	0.01657	1.19E+00		1.089055	0.056069	0.000155	0.017598	1.162877			
1121	482627.42	3852901.55	9.47916	12.47034	11.46885	12.54746		8.59E-01	0.05276	0.00021	0.02906	0.94105		1.08E+00	0.066586	0.000182	0.016966	1.17E+00		1.068772	0.057268	0.000149	0.018019	1.144208			
1122	482629.96	3852955.85	9.90668	12.40164	12.22093	12.51473		8.98E-01	0.05247	0.00023	0.02899	0.97944		1.13E+00	0.066219	0.000194	0.016921	1.22E+00		1.116975	0.056953	0.000159	0.017972	1.192058			
1123	482679.96	3852955.85	9.71724	12.65807	11.7326	12.79952		8.81E-01	0.05355	0.00022	0.02965	0.96401		1.11E+00	0.067588	0.000186	0.017306	1.20E+00		1.095615	0.058131	0.000152	0.018381	1.172279			
1124	482781.63	3853034.48	10.38266	13.24804	12.34602	13.09695		9.41E-01	0.05605	0.00023	0.03034	1.02751		1.19E+00	0.070738	0.000196	0.017708	1.28E+00		1.170641	0.06084	0.00016	0.018808	1.250449			
1125	482831.63	3853034.48	10.43607	13.4347	12.96144	12.40192		9.46E-01	0.05684	0.00024	0.02873	1.03154		1.19E+00	0.071735	0.000206	0.016769	1.28E+00		1.176663	0.061697	0.000168	0.01781	1.256339			
1126	482881.63	3853034.48	10.52078	12.48958	13.05551	12.34947		9.53E-01	0.05284	0.00024	0.0286	1.0351		1.20E+00	0.066688	0.000207	0.016698	1.29E+00		1.186214	0.057357	0.000169	0.017734	1.261475			
1127	482781.63	3853084.48	10.43086	13.3242	12.72292	13.28574		9.45E-01	0.05637	0.00024	0.03077	1.03265		1.19E+00	0.071145	0.000202	0.017964	1.28E+00		1.176076	0.06119	0.000165	0.019079	1.25651			
1128	482831.63	3853084.48	10.63639	14.05282	12.72602	13.32698		9.64E-01	0.05945	0.00024	0.03087	1.05445		1.22E+00	0.075035	0.000202	0.01802	1.31E+00		1.199249	0.064536	0.000165	0.019138	1.283089			
1129	482881.63	3853084.48	10.65216	13.34952	13.27853	12.60756		9.65E-01	0.05648	0.00025	0.0292	1.05125		1.22E+00	0.07128	0.000211	0.017047	1.31E+00		1.201027	0.061306	0.000172	0.018105	1.280611			
1130	482781.63	3853134.48	10.73477	13.80897	13.20093	13.25097		9.73E-01	0.05842	0.00025	0.03069	1.06217		1.23E+00	0.073733	0.00021	0.017917	1.32E+00		1.210342	0.063416	0.000171	0.019029	1.292958			
1131	482831.63	3853134.48	10.65093	13.44305	12.9791	13.57563		9.65E-01	0.05687	0.00024	0.03144	1.05377		1.22E+00	0.071779	0.000206	0.018356	1.31E+00		1.200889	0.061735	0.000168	0.019495	1.282288			
1132	482881.63	3853134.48	10.84743	14.49765	13.05902	13.66949		9.83E-01	0.06133	0.00024	0.03166	1.07625		1.24E+00	0.077411	0.000208	0.018483	1.34E+00		1.223044	0.066579	0.00017	0.01963	1.309422			
1133	482831.63	3853184.48	10.92805	14.14124	13.45116	13.56433		9.90E-01	0.05982	0.00025	0.03142	1.08182		1.25E+00	0.075507	0.000214	0.01834	1.34E+00		1.232134	0.064942	0.000175	0.019479	1.316729			
1134	482881.63	3853184.48	10.8441	13.982	13.21276	13.94274		9.83E-01	0.05915	0.00025	0.03229	1.07441		1.24E+00	0.074657	0.00021	0.018852	1.33E+00		1.222669	0.064211	0.000172	0.020023	1.307073			
1135	484154.84	3854250.98	16.78579	26.6318	22.16742	9.13123		1.52E+00	0.11267	0.00041	0.02115	1.65539		1.92E+00	0.142201	0.000352	0.012346	2.07E+00		1.892592	0.122303	0.000288	0.013113	2.028296			
1136	484204.84	3854250.98	16.18301	26.25982	21.28268	8.35973		1.47E+00	0.11109	0.0004	0.01936	1.59739		1.85E+00	0.140215	0.000338	0.011303	2.00E+00		1.824629	0.120595	0.000276	0.012005	1.957505			
1137	484154.84	3854300.98	17.26039	25.48652	22.56298	8.89117		1.56E+00	0.10782	0.00042	0.02059	1.69301		1.97E+00	0.136086	0.000359	0.012022	2.12E+00		1.946103	0.117044	0.000293	0.012768	2.076208			
1138	484204.84	3854300.98	16.52776	25.74019	21.65224	8.59726		1.50E+00	0.10889	0.00041	0.01991	1.62699		1.89E+00	0.13744	0.000344	0.011624	2.04E+00		1.863499	0.118209	0.000281	0.012346	1.994335			
1139	484074.19	3854519.8	20.40015	29.10733	27.07404	8.10625		1.85E+00	0.12314	0.00051	0.01878	1.99113		2.33E+00	0.155419	0.00043	0.010961	2.50E+00		2.30011	0.133672	0.000351	0.011641	2.445774			
1140	484124.19	3854519.8	20.07107	25.45116	26.49392	8.44523		1.82E+00	0.10767	0.0005	0.01956	1.94661		2.30E+00	0.135897	0.000421	0.011419	2.44E+00		2.263006	0.116881	0.000344	0.012128	2.392359			
1141	484074.19	3854569.8	21.65543	30.0674	27.42957	7.7366		1.96E+00	0.1272	0.00051	0.01792	2.10809		2.48E+00	0.160546	0.000436	0.010461	2.65E+00		2.441642	0.138081	0.000356	0.01111	2.591189			
1142	484124.19	3854569.8	20.62123	25.51243	26.95787	7.96072		1.87E+00	0.10793	0.0005	0.01844	1.99561		2.36E+00	0.136224	0.000428	0.010764	2.51E+00		2.325037	0.117163	0.00035	0.011432	2.453981			
1143	485205.11	3855188.89	21.09279	53.10476	25.12761	8.08722		1.91E+00	0.22466	0.00047	0.01873	2.15534		2.41E+00	0.283554	0.000399	0.010935	2.71E+00		2.378205	0.243877	0.000326	0.011614	2.634021			
1144	485255.11	3855188.89	19.84299	51.83858	23.45583	7.12227		1.80E+00	0.2193	0.00044	0.0165	2.03445		2.27E+00	0.276793	0.000373	0.00963	2.56E+00		2.23729	0.238062	0.000304	0.010228	2.485885			
1145	485205.11	3855238.89	22.87274	51.85106	26.29443	8.71246		2.07E+00	0.21936	0.00049	0.02018	2.3128		2.62E+00	0.27686	0.000418	0.01178	2.91E+00		2.578894	0.238119	0.000341	0.012512	2.829866			
1146	485255.11	3855238.89	21.0565	50.62959	24.72954	7.96555		1.91E+00	0.21419	0.00046	0.01845	2.14129		2.41E+00	0.270338	0.000393	0.01077	2.69E+00		2.374113	0.23251	0.000321	0.011439	2.618383			
1147	485205.11	3855288.89	24.46605	50.23251	29.68658	10.59781		2.22E+00	0.21251	0.00056	0.02455	2.45478		2.80E+00	0.268218	0.000472	0.014329	3.08E+00		2.758539	0.230686	0.000385	0.015219	3.004829			
1148	485255.11	3855288.89	22.83595	49.60686	27.69121	9.28273		2.07E+00	0.20986	0.00052	0.0215	2.30132		2.61E+00	0.264877	0.00044	0.012551	2.89E+00		2.574746	0.227813	0.000359	0.01333	2.816249			
1149	485255.11	3855338.89	24.48234	47.46896	30.13975	11.22022		2.22E+00	0.20082	0.00056	0.02599	2.44601		2.80E+00	0.253462	0.000479	0.015171	3.07E+00		2.760375	0.217995	0.000391	0.016113	2.994875			
1150	485305.11	3855338.89	22.76567	47.58698	28.27099	9.66243		2.06E+00	0.20132	0.00053	0.02238	2.2873		2.60E+00	0.254092	0.000449	0.013065	2.87E+00		2.566822	0.218537	0.000367	0.013876	2.799601			
1151	485852.5	3855635.28	18.04579	34.82031	24.02519	7.01649		1.64E+00	0.14731	0.00045	0.01625	1.79936		2.06E+00	0.185924	0.000382	0.009487	2.26E+00		2.034657	0.159908	0.000312	0.010076	2.204952			
1152	485902.5	3855635.28	17.31462	34.0448	23.24304	6.34596		1.57E+00	0.14403	0.00044	0.0147	1.72825		1.98E+00	0.181783	0.000369	0.00858	2.17E+00		1.952217	0.156346	0.000302	0.009113	2.117979			
1153	485852.5	3855685.28	19.30369	32.35617	24.99698	7.55041		1.75E+00	0.13688	0.00047	0.01749	1.90418		2.21E+00	0.172766	0.000397	0.010209	2.39E+00		2.176484	0.148592	0.000324	0.010843	2.336243			
1154	485902.5	3855685.28	18.2502	33.74497	24.30694	6.90372		1.65E+00	0.14276	0.00046	0.01599	1.81308		2.09E+00	0.180182	0.000386	0.009335	2.28E+00		2.057704	0.154969	0.000316	0.009914	2.222903			
1155	485852.5	3855735.28	20.00131	31.67704	26.04672	8.46625		1.81E+00	0.13401	0.00049	0.01961	1.96667		2.29E+00	0.16914	0.000414	0.011447	2.47E+00		2.255141	0.145473	0.000338	0.012158	2.41311			

1156	485902.5	3855735.28	19.27422	31.43741	25.23834	7.53422		1.75E+00	0.133	0.00047	0.01745	1.89759		2.20E+00	0.167861	0.000401	0.010187	2.38E+00		2.173162	0.144372	0.000328	0.01082	2.328681
1157	485852.5	3855785.28	20.91753	29.9854	27.24178	9.23349		1.90E+00	0.12685	0.00051	0.02139	2.04434		2.39E+00	0.160108	0.000433	0.012485	2.57E+00		2.358444	0.137704	0.000354	0.01326	2.509762
1158	485902.5	3855785.28	20.03953	31.06541	26.18323	8.38477		1.82E+00	0.13142	0.00049	0.01942	1.96736		2.29E+00	0.165874	0.000416	0.011337	2.47E+00		2.25945	0.142664	0.00034	0.012041	2.414495
1159	486809.46	3856465.28	18.2655	35.60684	25.41899	7.6977		1.66E+00	0.15064	0.00048	0.01783	1.8242		2.09E+00	0.190123	0.000404	0.010408	2.29E+00		2.059429	0.16352	0.00033	0.011054	2.234333
1160	486859.46	3856465.28	17.6951	34.80057	24.59321	7.58961		1.60E+00	0.14722	0.00046	0.01758	1.76883		2.02E+00	0.185818	0.000391	0.010262	2.22E+00		1.995116	0.159817	0.000319	0.010899	2.166152
1161	486909.46	3856465.28	17.2258	37.054	23.82501	7.43944		1.56E+00	0.15676	0.00045	0.01723	1.73547		1.97E+00	0.197851	0.000379	0.010059	2.18E+00		1.942203	0.170166	0.000309	0.010683	2.123361
1162	486809.46	3856515.28	18.89725	40.43834	26.44364	8.34137		1.71E+00	0.17107	0.0005	0.01932	1.9034		2.16E+00	0.215921	0.00042	0.011278	2.39E+00		2.130658	0.185708	0.000343	0.011979	2.328688
1163	486859.46	3856515.28	18.27789	37.03753	25.42013	8.17777		1.66E+00	0.15669	0.00048	0.01894	1.83249		2.09E+00	0.197763	0.000404	0.011057	2.30E+00		2.060826	0.17009	0.00033	0.011744	2.24299
1164	486909.46	3856515.28	17.74667	40.20082	24.61284	8.06516		1.61E+00	0.17007	0.00046	0.01868	1.79745		2.03E+00	0.214653	0.000391	0.010905	2.26E+00		2.000931	0.184617	0.000319	0.011582	2.19745
1165	486980.94	3856357.95	15.35569	33.55341	20.92162	6.156		1.39E+00	0.14195	0.00039	0.01426	1.54816		1.76E+00	0.179159	0.000333	0.008324	1.94E+00		1.731349	0.15409	0.000272	0.00884	1.89455
1166	487030.94	3856357.95	15.00372	32.82601	20.36575	6.1206		1.36E+00	0.13887	0.00038	0.01418	1.5131		1.72E+00	0.175275	0.000324	0.008276	1.90E+00		1.691664	0.150749	0.000264	0.00879	1.851467
1167	486980.94	3856407.95	15.91569	35.49777	21.90281	6.72558		1.44E+00	0.15017	0.00041	0.01558	1.60847		1.82E+00	0.189541	0.000348	0.009094	2.02E+00		1.794489	0.163019	0.000284	0.009658	1.96745
1168	487030.94	3856407.95	15.42733	35.84411	21.16864	6.68098		1.40E+00	0.15164	0.0004	0.01547	1.56557		1.76E+00	0.19139	0.000336	0.009033	1.97E+00		1.739426	0.164609	0.000275	0.009594	1.913905
1169	487447.18	3856437.45	12.32835	31.56095	16.69056	6.93186		1.12E+00	0.13352	0.00031	0.01606	1.26711		1.41E+00	0.16852	0.000265	0.009373	1.59E+00		1.390017	0.14494	0.000217	0.009955	1.545128
1170	487497.18	3856437.45	12.03712	31.06616	16.18433	7.02309		1.09E+00	0.13143	0.0003	0.01627	1.23882		1.38E+00	0.165878	0.000257	0.009496	1.55E+00		1.357181	0.142667	0.00021	0.010086	1.510144
1171	487547.18	3856437.45	11.74305	32.71328	15.75927	7.09439		1.06E+00	0.13839	0.0003	0.01643	1.2193		1.34E+00	0.174673	0.00025	0.009592	1.53E+00		1.324025	0.150232	0.000205	0.010188	1.484649
1172	487447.18	3856487.45	12.76448	33.74867	17.23122	7.44467		1.16E+00	0.14277	0.00032	0.01724	1.31708		1.46E+00	0.180202	0.000274	0.010066	1.65E+00		1.439191	0.154986	0.000224	0.010691	1.605092
1173	487497.18	3856487.45	12.43547	34.69429	16.73031	7.4434		1.13E+00	0.14677	0.00031	0.01724	1.29126		1.42E+00	0.185251	0.000266	0.010064	1.62E+00		1.402095	0.159329	0.000217	0.010689	1.57233
1174	487547.18	3856487.45	12.08894	34.96862	16.22453	7.55957		1.10E+00	0.14794	0.0003	0.01751	1.26127		1.38E+00	0.186716	0.000258	0.010221	1.58E+00		1.363024	0.160589	0.000211	0.010856	1.534679
1175	487447.18	3856537.45	13.1894	36.88423	17.88375	8.08957		1.20E+00	0.15604	0.00033	0.01874	1.37036		1.51E+00	0.196944	0.000284	0.010938	1.72E+00		1.4871	0.169386	0.000232	0.011617	1.668336
1176	487497.18	3856537.45	12.81985	37.87989	17.31937	8.02339		1.16E+00	0.16025	0.00032	0.01858	1.34092		1.47E+00	0.20226	0.000275	0.010848	1.68E+00		1.445434	0.173959	0.000225	0.011522	1.631139
1177	487547.18	3856537.45	12.46636	36.80209	16.72396	8.07338		1.13E+00	0.15569	0.00031	0.0187	1.30443		1.43E+00	0.196506	0.000266	0.010916	1.63E+00		1.405578	0.169009	0.000217	0.011594	1.586398
1178	489285.89	3858826.54	8.47978	14.74552	11.47535	18.5137		7.68E-01	0.06238	0.00021	0.04288	0.87393		9.70E-01	0.078734	0.000182	0.025033	1.07E+00		0.956092	0.067717	0.000149	0.026587	1.050545
1179	489335.89	3858826.54	8.73059	15.25219	11.75388	18.91962		7.91E-01	0.06452	0.00022	0.04382	0.89975		9.99E-01	0.081439	0.000187	0.025581	1.11E+00		0.984371	0.070044	0.000153	0.02717	1.081737
1180	489385.89	3858826.54	8.84525	15.55434	11.83581	19.10879		8.02E-01	0.0658	0.00022	0.04426	0.91186		1.01E+00	0.083053	0.000188	0.025837	1.12E+00		0.997299	0.071431	0.000154	0.027441	1.096325
1181	489435.89	3858826.54	8.89669	15.72211	12.0872	18.98694		8.06E-01	0.06651	0.00023	0.04398	0.91695		1.02E+00	0.083949	0.000192	0.025672	1.13E+00		1.003099	0.072202	0.000157	0.027266	1.102724
1182	489485.89	3858826.54	8.89388	15.58116	12.03424	19.37068		8.06E-01	0.06592	0.00023	0.04487	0.91699		1.02E+00	0.083196	0.000191	0.026191	1.13E+00		1.002782	0.071554	0.000156	0.027817	1.10231
1183	489535.89	3858826.54	8.8676	15.68075	12.28755	19.0799		8.04E-01	0.06634	0.00023	0.04419	0.91436		1.01E+00	0.083728	0.000195	0.025798	1.12E+00		0.999819	0.072012	0.000159	0.0274	1.09939
1184	489585.89	3858826.54	8.86015	15.55878	12.64343	18.80448		8.03E-01	0.06582	0.00024	0.04355	0.91254		1.01E+00	0.083076	0.000201	0.025426	1.12E+00		0.998979	0.071452	0.000164	0.027004	1.097599
1185	489635.89	3858826.54	8.77902	15.72904	12.46803	18.88375		7.96E-01	0.06654	0.00023	0.04374	0.90609		1.00E+00	0.083986	0.000198	0.025533	1.11E+00		0.989832	0.072234	0.000162	0.027118	1.089345
1186	489685.89	3858826.54	8.63054	15.75204	12.1825	18.71539		7.82E-01	0.06664	0.00023	0.04335	0.89233		9.87E-01	0.084108	0.000194	0.025305	1.10E+00		0.97309	0.072339	0.000158	0.026876	1.072464
1187	489735.89	3858826.54	8.64222	15.93457	11.83243	18.70564		7.83E-01	0.06741	0.00022	0.04333	0.89413		9.88E-01	0.085083	0.000188	0.025292	1.10E+00		0.974407	0.073177	0.000154	0.026862	1.074601
1188	489785.89	3858826.54	8.55415	16.31118	11.6051	18.34465		7.75E-01	0.069	0.00022	0.04249	0.88691		9.78E-01	0.087094	0.000184	0.024804	1.09E+00		0.964477	0.074907	0.000151	0.026344	1.065879
1189	489835.89	3858826.54	8.50648	16.2071	11.44933	18.03668		7.71E-01	0.06856	0.00021	0.04178	0.88143		9.73E-01	0.086538	0.000182	0.024388	1.08E+00		0.959103	0.074429	0.000149	0.025902	1.059582
1190	489885.89	3858826.54	8.34233	16.13141	11.21605	17.66629		7.56E-01	0.06824	0.00021	0.04092	0.86537		9.54E-01	0.086134	0.000178	0.023887	1.06E+00		0.940595	0.074081	0.000146	0.02537	1.040192
1191	489935.89	3858826.54	8.28821	16.24739	11.36704	17.30053		7.51E-01	0.06873	0.00021	0.04007	0.86011		9.48E-01	0.086753	0.000181	0.023392	1.06E+00		0.934493	0.074614	0.000148	0.024844	1.034099
1192	489985.89	3858826.54	8.22472	16.19923	11.49638	17.068		7.45E-01	0.06853	0.00022	0.03953	0.85362		9.41E-01	0.086496	0.000183	0.023078	1.05E+00		0.927334	0.074393	0.000149	0.024511	1.026387
1193	490035.89	3858826.54	8.27603	15.91987	11.53778	16.79068		7.50E-01	0.06735	0.00022	0.03889	0.85645		9.47E-01	0.085004	0.000183	0.022703	1.05E+00		0.93312	0.07311	0.00015	0.024112	1.030492
1194	489285.89	3858876.54	8.22708	13.81502	10.85085	17.84753		7.46E-01	0.05844	0.0002	0.04134	0.84554		9.41E-01	0.073766	0.000172	0.024132	1.04E+00		0.9276	0.063444	0.000141	0.02563	1.016815
1195	489335.89	3858876.54	8.57741	14.79998	11.42475	18.64323		7.77E-01	0.06261	0.00021	0.04318	0.88331		9.81E-01	0.079025	0.000182	0.025208	1.09E+00		0.9671	0.067967	0.000148	0.026773	1.061988
1196	489385.89	3858876.54	8.7917	15.12713	11.70325	18.9655		7.97E-01	0.064	0.00022	0.04393	0.90486		1.01E+00	0.080772	0.000186	0.025643	1.11E+00		0.991261	0.069469	0.000152	0.027235	1.088118
1197	489435.89	3858876.54	8.86955	15.3476	11.64202	18.87632		8.04E-01	0.06493	0.00022	0.04372	0.91264		1.01E+00	0.081949	0.000185	0.025523	1.12E+00		1.000039	0.070482	0.000151	0.027107	1.097779
1198	489485.89	3858876.54	8.83761	15.54499	11.85989	18.80035		8.01E-01	0.06576	0.00022	0.04355	0.91041		1.01E+00	0.083003	0.000188	0.02542	1.12E+00		0.996438	0.071388	0.000154	0.026998	1.094978
1199	489535.89	3858876.54	8.85743	15.38977	11.91229	18.71258		8.03E-01	0.06511	0.00022	0.04334	0.91135		1.01E+00	0.082174	0.000189	0.025301	1.12E+00		0.998672	0.070676	0.000155	0.026872	1.096375
1200	489585.89	3858876.54	8.79137	15.44046	11.96971	18.92524		7.97E-01	0.06532	0.00022	0.04383	0.90607		1.01E+00	0.082445	0.00019	0.025589	1.11E+00		0.991224	0.070908	0.000155	0.027178	1.089465
1201	489635.89	3858876.54	8.79039	15.29798	12.28051	18.59109		7.97E-01	0.06472	0.00023	0.04306	0.90461		1.01E+00	0.081684	0.000195	0.025137	1.11E+00		0.991113	0.070254	0.000159	0.026698	1.088225
1202	489685.89	3858876.54	8.71089	15.38172	12.36417	18.37777		7.89E-01	0.06507	0.00023	0.04257	0.89727		9.96E-01	0.082131	0.000197	0.024849	1.10E+00		0.98215	0.070639	0.00016	0.026391	1.07934
1203	489735.89	3858876.54	8.53412	15.45133	11.99351	18.49126		7.73E-01	0.06537	0.00022	0.04283	0.8818		9.76E-01	0.082503	0.000191	0.025002	1.08E+00		0.962219	0.070958	0.000156	0.026554	1.059887
1204	489785.89	3858876.54	8.51636	15.362	11.67206	18.37292		7.72E-01	0.06499	0.00022	0.04256	0.87953		9.74E-01	0.082026	0.000186	0.024842	1.08E+00		0.960217	0.070548	0.000152	0.026384	1.057301
1205	489835.89	3858876.54	8.50147	15.57923	11.43077	18.2971		7.70E-01	0.06591	0.00021	0.04238	0.87892		9.72E-01	0.083186	0.000182	0.02474	1.08E+00		0.958538	0.071546	0.000148	0.026276	1.056507
1206	489885.89	3858876.54	8.41623	15.84509	11.1733	17.9774		7.63E-01	0.06703	0.00021	0.04164	0.87158		9.63E-01	0.084605	0.000178	0.024307	1.07E+00		0.948927	0.072767	0.000145	0.025816	1.047655
1207	489935.89	3858876.54	8.28917	15.81104	11.0705	17.6564		7.51E-01	0.06689	0.00021	0.0409	0.85917		9.48E-01	0.084423	0.000176	0.023873	1.06E+00		0.934601	0.07261	0.000144	0.025356	1.03271
1208	489985.89	3858876.54	8.21692	15.80821	10.94019	17.32402		7.45E-01	0.06688	0.0002	0.04013	0.85184		9.40E-01	0.084408	0.000174	0.023424	1.05E+00		0.926455	0.072597	0.000142	0.024878	1.024072
1209	490035.89	3858876.54	8.1829	15.86046	11.22305	16.98802		7.42E-01	0.0671	0.00021	0.03935	0.84821		9.36E-01	0.084687	0.000178	0.02297	1.04E+00		0.922619	0.072837	0.000146	0.024396	1.019998
1210	489285.89	3858926.54	7.83943	12.73216	10.10964	16.6847		7.10E-01	0.05386	0.00019	0.03864	0.80312		8.97E-01	0.067984	0.000161	0.02256	9.87E-01		0.883893	0.058471	0.000131	0.02396	0.966455
1211	489335.89	3858926.54	8.33752	13.76094	10.90726	17.76266		7.56E-01	0.05822	0.0002	0.04114	0.85513		9.54E-01	0.073477	0.000173	0.024017	1.05E+00		0.940053	0.063195	0.000142	0.025508	1.028898
1212	489385.89	3858926.54	8.60164	14.58355	11.39286	18.57664		7.79E-01	0.0617	0.00021	0.04303	0.88443		9.84E-01	0.077869	0.000181	0.025118	1.09E+00		0.969832	0.066973	0.000148	0.026677	1.06363
1213	489435.89	3858926.54	8.80172	14.94873	11.57955	18.72848		7.98E-01	0.06324	0.00022	0.04338	0.90447		1.01E+00	0.079819	0.000184	0.025323	1.11E+00		0.992391	0.06865	0.00015	0.026895	1.088086
1214	489485.89	3858926.54	8.85939	15.07532	11.40094	18.6712		8.03E-01	0.06378	0.00021	0.04325	0.91009		1.01E+00	0.080495	0.000181	0.025245	1.12E+00		0.998893	0.069231	0.000148	0.026813	1.095085
1215	489535.89	3858926.54	8.78891	15.27443	11.49352	18.67149		7.96E-01	0.06462	0.00022	0.04325	0.90455		1.01E+00	0.081558	0.000183	0.025246	1.11E+00		0.990947	0.070146	0.000149	0.026813	1.088055
1216	489585.89	3858926.54	8.81737	15.28083	11.61613	18.39259		7.99E-01	0.06465	0.00022	0.0426	0.90651		1.01E+00	0.081592	0.000185	0.024869	1.12E+00		0.994155	0.070175	0.000151	0.026413	1.090894

1217	489635.89	3858926.54	8.72638	15.02579	11.64163	18.81897	7.91E-01	0.06357	0.00022	0.04359	0.89818	9.98E-01	0.080231	0.000185	0.025445	1.10E+00	0.983896	0.069004	0.000151	0.027025	1.080077
1218	489685.89	3858926.54	8.70326	15.10528	11.90736	18.42537	7.89E-01	0.0639	0.00022	0.04268	0.89551	9.95E-01	0.080655	0.000189	0.024913	1.10E+00	0.98129	0.069369	0.000155	0.02646	1.077273
1219	489735.89	3858926.54	8.65254	14.92924	12.17344	18.07273	7.84E-01	0.06316	0.00023	0.04186	0.88936	9.90E-01	0.079715	0.000193	0.024436	1.09E+00	0.975571	0.068561	0.000158	0.025953	1.070243
1220	489785.89	3858926.54	8.5142	15.01876	11.94241	18.03662	7.72E-01	0.06354	0.00022	0.04178	0.87711	9.74E-01	0.080193	0.00019	0.024387	1.08E+00	0.959973	0.068972	0.000155	0.025902	1.055001
1221	489835.89	3858926.54	8.41893	15.0935	11.59225	17.9932	7.63E-01	0.06385	0.00022	0.04168	0.86869	9.63E-01	0.080592	0.000184	0.024329	1.07E+00	0.949231	0.069315	0.00015	0.025839	1.044536
1222	489885.89	3858926.54	8.44515	15.07038	11.30815	18.02619	7.65E-01	0.06376	0.00021	0.04175	0.87104	9.66E-01	0.080469	0.00018	0.024373	1.07E+00	0.952188	0.069209	0.000147	0.025887	1.04743
1223	489935.89	3858926.54	8.32109	15.27856	11.05009	17.89652	7.54E-01	0.06464	0.00021	0.04145	0.86037	9.52E-01	0.08158	0.000176	0.024198	1.06E+00	0.9382	0.070165	0.000143	0.0257	1.034209
1224	489985.89	3858926.54	8.26946	15.40444	10.93778	17.62598	7.49E-01	0.06517	0.0002	0.04083	0.85559	9.46E-01	0.082252	0.000174	0.023832	1.05E+00	0.932379	0.070743	0.000142	0.025312	1.028576
1225	490035.89	3858926.54	8.14525	15.55578	10.78241	17.27369	7.38E-01	0.06581	0.0002	0.04001	0.84416	9.32E-01	0.08306	0.000171	0.023356	1.04E+00	0.918374	0.071438	0.00014	0.024806	1.014758
1226	489335.89	3858976.54	7.95757	12.74665	9.97318	16.63621	7.21E-01	0.05392	0.00019	0.03853	0.81378	9.10E-01	0.068061	0.000159	0.022494	1.00E+00	0.897213	0.058537	0.000129	0.02389	0.979771
1227	489385.89	3858976.54	8.37005	13.54463	10.81086	17.51464	7.59E-01	0.0573	0.0002	0.04057	0.85658	9.57E-01	0.072322	0.000172	0.023682	1.05E+00	0.94372	0.062202	0.00014	0.025152	1.031215
1228	489435.89	3858976.54	8.61097	14.1889	11.21256	18.17986	7.80E-01	0.06003	0.00021	0.04211	0.88269	9.85E-01	0.075762	0.000178	0.024581	1.09E+00	0.970884	0.065161	0.000146	0.026107	1.062297
1229	489485.89	3858976.54	8.76695	14.78021	11.47166	18.37118	7.94E-01	0.06253	0.00021	0.04255	0.89977	1.00E+00	0.078919	0.000182	0.02484	1.11E+00	0.988471	0.067876	0.000149	0.026382	1.082878
1230	489535.89	3858976.54	8.80629	14.90919	11.19592	18.43248	7.98E-01	0.06307	0.00021	0.04269	0.90402	1.01E+00	0.079608	0.000178	0.024923	1.11E+00	0.992906	0.068469	0.000145	0.02647	1.08799
1231	489585.89	3858976.54	8.74576	14.95427	11.27297	18.32213	7.93E-01	0.06326	0.00021	0.04244	0.89847	1.00E+00	0.079849	0.000179	0.024774	1.11E+00	0.986081	0.068676	0.000146	0.026312	1.081215
1232	489635.89	3858976.54	8.75288	15.06684	11.41513	18.17483	7.93E-01	0.06374	0.00021	0.0421	0.89925	1.00E+00	0.08045	0.000181	0.024574	1.11E+00	0.986884	0.069193	0.000148	0.0261	1.082325
1233	489685.89	3858976.54	8.66659	14.80606	11.34879	18.51671	7.85E-01	0.06264	0.00021	0.04289	0.89112	9.91E-01	0.079057	0.00018	0.025037	1.10E+00	0.977155	0.067995	0.000147	0.026591	1.071888
1234	489735.89	3858976.54	8.59971	14.85587	11.50582	18.33161	7.79E-01	0.06285	0.00022	0.04246	0.88485	9.84E-01	0.079323	0.000183	0.024786	1.09E+00	0.969614	0.068224	0.000149	0.026325	1.064313
1235	489785.89	3858976.54	8.59361	14.7081	11.85239	17.91586	7.79E-01	0.06222	0.00022	0.0415	0.88271	9.83E-01	0.078534	0.000188	0.024224	1.09E+00	0.968927	0.067545	0.000154	0.025728	1.062354
1236	489835.89	3858976.54	8.49245	14.62859	11.80039	17.6172	7.70E-01	0.06189	0.00022	0.0408	0.87252	9.71E-01	0.07811	0.000188	0.02382	1.07E+00	0.957521	0.06718	0.000153	0.025299	1.050153
1237	489885.89	3858976.54	8.33002	14.75576	11.48331	17.64444	7.55E-01	0.06242	0.00021	0.04087	0.85839	9.53E-01	0.078789	0.000183	0.023857	1.06E+00	0.939207	0.067764	0.000149	0.025338	1.032458
1238	489935.89	3858976.54	8.35042	14.83954	11.1184	17.53731	7.57E-01	0.06278	0.00021	0.04062	0.86034	9.55E-01	0.079236	0.000177	0.023712	1.06E+00	0.941507	0.068149	0.000144	0.025184	1.034984
1239	489985.89	3858976.54	8.26441	14.76318	10.93057	17.66459	7.49E-01	0.06246	0.0002	0.04091	0.85251	9.45E-01	0.078828	0.000174	0.023884	1.05E+00	0.931809	0.067798	0.000142	0.025367	1.025117
1240	490035.89	3858976.54	8.23718	15.21536	10.71929	17.55382	7.46E-01	0.06437	0.0002	0.04066	0.8517	9.42E-01	0.081243	0.00017	0.023735	1.05E+00	0.928739	0.069875	0.000139	0.025208	1.023961
1241	489385.89	3859026.54	8.4143	12.90034	9.98007	16.83007	7.63E-01	0.05458	0.00019	0.03898	0.85627	9.62E-01	0.068882	0.000159	0.022756	1.05E+00	0.948709	0.059243	0.00013	0.024169	1.032251
1242	489435.89	3859026.54	8.46488	13.40207	10.66552	17.29259	7.67E-01	0.0567	0.0002	0.04005	0.86406	9.68E-01	0.071561	0.00017	0.023381	1.06E+00	0.954412	0.061547	0.000138	0.024833	1.040931
1243	489485.89	3859026.54	8.6133	13.90129	11.03791	17.76947	7.81E-01	0.05881	0.00021	0.04116	0.88073	9.85E-01	0.074226	0.000175	0.024026	1.08E+00	0.971147	0.06384	0.000143	0.025518	1.060648
1244	489535.89	3859026.54	8.73562	14.5835	11.27156	18.24984	7.92E-01	0.0617	0.00021	0.04227	0.89582	9.99E-01	0.077869	0.000179	0.024676	1.10E+00	0.984938	0.066973	0.000146	0.026208	1.078265
1245	489585.89	3859026.54	8.76242	14.65652	11.05908	18.32269	7.94E-01	0.062	0.00021	0.04244	0.89872	1.00E+00	0.078259	0.000176	0.024774	1.11E+00	0.98796	0.067308	0.000144	0.026312	1.081724
1246	489635.89	3859026.54	8.69006	14.66395	11.12425	18.0696	7.88E-01	0.06204	0.00021	0.04185	0.89161	9.94E-01	0.078298	0.000177	0.024432	1.10E+00	0.979801	0.067342	0.000144	0.025949	1.073237
1247	489685.89	3859026.54	8.70329	14.71734	11.22523	17.97849	7.89E-01	0.06226	0.00021	0.04164	0.89282	9.95E-01	0.078584	0.000178	0.024309	1.10E+00	0.981293	0.067587	0.000146	0.025818	1.074844
1248	489735.89	3859026.54	8.61973	14.7046	11.13298	17.65506	7.81E-01	0.06221	0.00021	0.04089	0.88445	9.86E-01	0.078516	0.000177	0.023872	1.09E+00	0.971872	0.067529	0.000145	0.025354	1.064899
1249	489785.89	3859026.54	8.53941	14.46154	11.27442	17.56085	7.74E-01	0.06118	0.00021	0.04067	0.87592	9.77E-01	0.077218	0.000179	0.023744	1.08E+00	0.962816	0.066413	0.000146	0.025218	1.054593
1250	489835.89	3859026.54	8.52342	14.49027	11.46853	17.7826	7.72E-01	0.0613	0.00021	0.04119	0.87511	9.75E-01	0.077371	0.000182	0.024044	1.08E+00	0.961013	0.066545	0.000149	0.025537	1.053243
1251	489885.89	3859026.54	8.43537	14.3208	11.62097	17.366	7.64E-01	0.06058	0.00022	0.04022	0.86546	9.65E-01	0.076466	0.000185	0.023481	1.06E+00	0.951085	0.065766	0.000151	0.024938	1.041941
1252	489935.89	3859026.54	8.23835	14.38268	11.37426	17.31554	7.47E-01	0.06085	0.00021	0.04011	0.84774	9.42E-01	0.076797	0.000181	0.023412	1.04E+00	0.928871	0.066051	0.000148	0.024866	1.019935
1253	489985.89	3859026.54	8.20251	14.48766	11.05187	17.27721	7.43E-01	0.06129	0.00021	0.04002	0.84484	9.38E-01	0.077357	0.000176	0.023361	1.04E+00	0.92483	0.066533	0.000143	0.024811	1.016317
1254	490035.89	3859026.54	8.2707	14.52124	10.91919	17.14086	7.50E-01	0.06143	0.0002	0.0397	0.85085	9.46E-01	0.077536	0.000174	0.023176	1.05E+00	0.932519	0.066687	0.000142	0.024615	1.023962
1255	489485.89	3859076.54	8.62247	13.33335	10.59073	17.13119	7.81E-01	0.05641	0.0002	0.03968	0.87767	9.86E-01	0.071194	0.000168	0.023163	1.08E+00	0.972181	0.061232	0.000137	0.024601	1.058151
1256	489535.89	3859076.54	8.65961	13.68993	10.8782	17.46161	7.85E-01	0.05792	0.0002	0.04044	0.88332	9.90E-01	0.073098	0.000173	0.02361	1.09E+00	0.976368	0.062869	0.000141	0.025076	1.064454
1257	489585.89	3859076.54	8.72166	14.28629	11.07076	17.96024	7.90E-01	0.06044	0.00021	0.0416	0.89262	9.98E-01	0.076282	0.000176	0.024284	1.10E+00	0.983364	0.065608	0.000144	0.025792	1.074908
1258	489635.89	3859076.54	8.7213	14.41865	10.93043	17.88824	7.90E-01	0.061	0.0002	0.04143	0.89298	9.98E-01	0.076989	0.000174	0.024187	1.10E+00	0.983324	0.066216	0.000142	0.025688	1.07537
1259	489685.89	3859076.54	8.65904	14.48355	10.86009	17.77597	7.85E-01	0.06127	0.0002	0.04117	0.88735	9.90E-01	0.077335	0.000173	0.024035	1.09E+00	0.976304	0.066514	0.000141	0.025527	1.068486
1260	489735.89	3859076.54	8.68624	14.46321	10.89351	17.59496	7.87E-01	0.06119	0.0002	0.04075	0.88931	9.94E-01	0.077227	0.000173	0.02379	1.09E+00	0.979371	0.06642	0.000141	0.025267	1.0712
1261	489785.89	3859076.54	8.52476	14.50172	10.94127	17.53339	7.73E-01	0.06135	0.0002	0.04061	0.8747	9.75E-01	0.077432	0.000174	0.023707	1.08E+00	0.961164	0.066597	0.000142	0.025179	1.053082
1262	489835.89	3859076.54	8.48019	14.16976	10.95586	17.23555	7.68E-01	0.05995	0.00021	0.03992	0.86856	9.70E-01	0.07566	0.000174	0.023304	1.07E+00	0.956139	0.065073	0.000142	0.024751	1.046105
1263	489885.89	3859076.54	8.45116	14.26597	11.08558	17.72764	7.66E-01	0.06035	0.00021	0.04106	0.86748	9.67E-01	0.076173	0.000176	0.02397	1.07E+00	0.952865	0.065515	0.000144	0.025458	1.043982
1264	489935.89	3859076.54	8.36917	14.14414	11.35584	17.23414	7.58E-01	0.05984	0.00021	0.03992	0.8584	9.57E-01	0.075523	0.00018	0.023302	1.06E+00	0.943621	0.064955	0.000147	0.024749	1.033473
1265	489985.89	3859076.54	8.19642	14.02628	11.36979	16.90595	7.43E-01	0.05934	0.00021	0.03916	0.84149	9.37E-01	0.074894	0.000181	0.022859	1.04E+00	0.924144	0.064414	0.000148	0.024278	1.012983
1266	490035.89	3859076.54	8.12561	14.18691	11.0275	16.95651	7.36E-01	0.06002	0.00021	0.03927	0.83586	9.29E-01	0.075751	0.000175	0.022927	1.03E+00	0.91616	0.065152	0.000143	0.02435	1.005805
1267	489585.89	3859126.54	8.75683	13.48599	10.74618	17.19216	7.94E-01	0.05705	0.0002	0.03982	0.89064	1.00E+00	0.072009	0.000171	0.023246	1.10E+00	0.98733	0.061933	0.000139	0.024689	1.074091
1268	489635.89	3859126.54	8.74239	13.86824	10.86383	17.52832	7.92E-01	0.05867	0.0002	0.0406	0.89173	1.00E+00	0.07405	0.000173	0.0237	1.10E+00	0.985701	0.063688	0.000141	0.025172	1.074702
1269	489685.89	3859126.54	8.70035	14.21178	10.77307	17.56089	7.88E-01	0.06012	0.0002	0.04067	0.88944	9.95E-01	0.075884	0.000171	0.023744	1.09E+00	0.980961	0.065266	0.00014	0.025218	1.071585
1270	489735.89	3859126.54	8.64111	14.24081	10.59563	17.68388	7.83E-01	0.06025	0.0002	0.04096	0.88448	9.88E-01	0.076039	0.000168	0.023911	1.09E+00	0.974282	0.065399	0.000138	0.025395	1.065214
1271	489785.89	3859126.54	8.64628	14.16036	10.60969	17.41015	7.84E-01	0.05991	0.0002	0.04033	0.88397	9.89E-01	0.07561	0.000169	0.02354	1.09E+00	0.974865	0.06503	0.000138	0.025002	1.065034
1272	489835.89	3859126.54	8.45847	14.15183	10.73311	17.24976	7.67E-01	0.05987	0.0002	0.03995	0.86655	9.67E-01	0.075564	0.000171	0.023324	1.07E+00	0.95369	0.06499	0.000139	0.024772	1.043591
1273	489885.89	3859126.54	8.40178	14.07793	10.62236	17.51477	7.61E-01	0.05956	0.0002	0.04057	0.86171	9.61E-01	0.075169	0.000169	0.023682	1.06E+00	0.947298	0.064651	0.000138	0.025152	1.037239
1274	489935.89	3859126.54	8.35894	13.89538	10.79848	17.41805	7.58E-01	0.05878	0.0002	0.04034	0.85683	9.56E-01	0.074195	0.000172	0.023551	1.05E+00	0.942468	0.063813	0.00014	0.025013	1.031434
1275	489985.89	3859126.54	8.31074	13.98051	11.05929	17.32782	7.53E-01	0.05914	0.00021	0.04013	0.85262	9.51E-01	0.074649	0.000176	0.023429	1.05E+00	0.937033	0.064204	0.000144	0.024884	1.026264
1276	490035.89	3859126.54	8.22833	13.87807	11.18292	16.87007	7.46E-01	0.05871	0.00021	0.03907	0.84366	9.41E-01	0.074102	0.000178	0.02281	1.04E+00	0.927741	0.063733	0.000145	0.024226	1.015846
1277	489585.89	3859176.54	9.01556	13.29183	10.46081	16.96995	8.17E-01	0.05623	0.0002	0.03931	0.91274	1.03E+00	0.070972	0.000166	0.022945	1.13E+00	1.016501	0.061041	0.000136	0.02437	1.102048

1278	489635.89	3859176.54	8.84968	13.28221	10.59645	17.02678		8.02E-01	0.05619	0.0002	0.03944	0.8978		1.01E+00	0.070921	0.000168	0.023022	1.11E+00		0.997798	0.060997	0.000138	0.024451	1.083384
1279	489685.89	3859176.54	8.76762	13.50366	10.66046	17.13921		7.95E-01	0.05713	0.0002	0.0397	0.89156		1.00E+00	0.072103	0.000169	0.023174	1.10E+00		0.988546	0.062014	0.000138	0.024613	1.075311
1280	489735.89	3859176.54	8.69752	13.98924	10.65226	17.4358		7.88E-01	0.05918	0.0002	0.04038	0.88795		9.95E-01	0.074696	0.000169	0.023575	1.09E+00		0.980642	0.064244	0.000138	0.025039	1.070063
1281	489785.89	3859176.54	8.61331	13.9691	10.44361	17.38889		7.81E-01	0.0591	0.0002	0.04028	0.88012		9.85E-01	0.074588	0.000166	0.023512	1.08E+00		0.971148	0.064151	0.000136	0.024971	1.060406
1282	489835.89	3859176.54	8.59372	13.87477	10.46576	17.0933		7.79E-01	0.0587	0.0002	0.03959	0.87727		9.83E-01	0.074085	0.000166	0.023112	1.08E+00		0.968939	0.063718	0.000136	0.024547	1.05734
1283	489885.89	3859176.54	8.4287	13.86348	10.5277	16.94042		7.64E-01	0.05865	0.0002	0.03924	0.86191		9.64E-01	0.074024	0.000167	0.022905	1.06E+00		0.950333	0.063666	0.000137	0.024327	1.038463
1284	489935.89	3859176.54	8.3624	13.94507	10.38908	16.88218		7.58E-01	0.05899	0.00019	0.0391	0.85611		9.56E-01	0.07446	0.000165	0.022827	1.05E+00		0.942858	0.064041	0.000135	0.024244	1.031277
1285	489985.89	3859176.54	8.26647	13.64828	10.58569	17.08374		7.49E-01	0.05774	0.0002	0.03957	0.84663		9.46E-01	0.072875	0.000168	0.023099	1.04E+00		0.932042	0.062678	0.000137	0.024533	1.01939
1286	490035.89	3859176.54	8.23746	13.73489	10.69805	17.25268		7.46E-01	0.05811	0.0002	0.03996	0.84476		9.42E-01	0.073338	0.00017	0.023327	1.04E+00		0.928771	0.063076	0.000139	0.024776	1.016761
1287	489685.89	3859226.54	8.90866	13.14749	10.44369	16.76888		8.07E-01	0.05562	0.0002	0.03884	0.90198		1.02E+00	0.070201	0.000166	0.022673	1.11E+00		1.004448	0.060378	0.000136	0.024081	1.089043
1288	489735.89	3859226.54	8.78568	13.27343	10.49881	16.82905		7.96E-01	0.05615	0.0002	0.03898	0.89151		1.00E+00	0.070874	0.000167	0.022755	1.10E+00		0.990582	0.060957	0.000136	0.024167	1.075843
1289	489785.89	3859226.54	8.69786	13.72112	10.51071	17.16802		7.88E-01	0.05805	0.0002	0.03976	0.88623		9.95E-01	0.073264	0.000167	0.023213	1.09E+00		0.980681	0.063012	0.000136	0.024654	1.068484
1290	489835.89	3859226.54	8.6012	13.77084	10.31313	16.93194		7.79E-01	0.05826	0.00019	0.03922	0.87713		9.84E-01	0.07353	0.000164	0.022894	1.08E+00		0.969782	0.063241	0.000134	0.024315	1.057472
1291	489885.89	3859226.54	8.54949	13.78837	10.27958	16.88318		7.75E-01	0.05833	0.00019	0.0391	0.8724		9.78E-01	0.073623	0.000163	0.022828	1.07E+00		0.963952	0.063321	0.000133	0.024245	1.051652
1292	489935.89	3859226.54	8.40777	13.70772	10.31926	16.65683		7.62E-01	0.05799	0.00019	0.03858	0.85869		9.62E-01	0.073193	0.000164	0.022522	1.06E+00		0.947973	0.062951	0.000134	0.02392	1.034978
1293	489985.89	3859226.54	8.23893	13.71519	10.30134	17.56323		7.47E-01	0.05802	0.00019	0.04068	0.84552		9.42E-01	0.073233	0.000164	0.023747	1.04E+00		0.928937	0.062985	0.000134	0.025222	1.017277
1294	490035.89	3859226.54	8.21274	13.55746	10.29741	16.98185		7.44E-01	0.05735	0.00019	0.03933	0.84114		9.39E-01	0.07239	0.000164	0.022961	1.03E+00		0.925984	0.062261	0.000134	0.024387	1.012765
1295	489735.89	3859276.54	8.95205	13.01869	10.30668	16.51745		8.11E-01	0.05508	0.00019	0.03826	0.90478		1.02E+00	0.069514	0.000164	0.022333	1.12E+00		1.009341	0.059787	0.000134	0.02372	1.092981
1296	489785.89	3859276.54	8.80852	13.06848	10.32636	16.52942		7.98E-01	0.05529	0.00019	0.03829	0.89201		1.01E+00	0.069779	0.000164	0.02235	1.10E+00		0.993158	0.060015	0.000134	0.023737	1.077044
1297	489835.89	3859276.54	8.69578	13.38237	10.43073	16.71193		7.88E-01	0.05661	0.0002	0.03871	0.88355		9.95E-01	0.071455	0.000166	0.022596	1.09E+00		0.980446	0.061457	0.000135	0.023999	1.066038
1298	489885.89	3859276.54	8.58935	13.59757	10.14675	16.67676		7.78E-01	0.05752	0.00019	0.03863	0.87473		9.82E-01	0.072605	0.000161	0.022549	1.08E+00		0.968446	0.062445	0.000132	0.023949	1.054972
1299	489935.89	3859276.54	8.51485	13.61229	10.0677	16.72619		7.72E-01	0.05759	0.00019	0.03874	0.86815		9.74E-01	0.072683	0.00016	0.022616	1.07E+00		0.960046	0.062513	0.000131	0.02402	1.046709
1300	489985.89	3859276.54	8.35204	13.37872	10.02652	17.25718		7.57E-01	0.0566	0.00019	0.03997	0.85364		9.55E-01	0.071436	0.000159	0.023334	1.05E+00		0.94169	0.06144	0.00013	0.024782	1.028042
1301	490035.89	3859276.54	8.14501	13.32095	10.09296	17.09402		7.38E-01	0.05635	0.00019	0.03959	0.83425		9.32E-01	0.071127	0.00016	0.023113	1.03E+00		0.918347	0.061175	0.000131	0.024548	1.004201
1302	490458.06	3859590.74	7.62586	11.70714	8.71857	14.38058		6.91E-01	0.04953	0.00016	0.03331	0.77407		8.72E-01	0.062511	0.000139	0.019444	9.54E-01		0.859813	0.053764	0.000113	0.020651	0.934341
1303	490508.06	3859590.74	7.50195	11.77873	8.78177	14.43926		6.80E-01	0.04983	0.00016	0.03344	0.76328		8.58E-01	0.062893	0.00014	0.019523	9.41E-01		0.845842	0.054092	0.000114	0.020736	0.920784
1304	490558.06	3859590.74	7.52228	11.61544	8.91849	13.88769		6.82E-01	0.04914	0.00017	0.03217	0.76316		8.60E-01	0.062021	0.000142	0.018778	9.41E-01		0.848134	0.053342	0.000116	0.019943	0.921536
1305	490608.06	3859590.74	7.46152	11.4519	8.94889	14.07013		6.76E-01	0.04845	0.00017	0.03259	0.75738		8.53E-01	0.061148	0.000142	0.019024	9.34E-01		0.841284	0.052591	0.000116	0.020205	0.914197
1306	490658.06	3859590.74	7.3195	11.58465	9.12249	14.48169		6.63E-01	0.04901	0.00017	0.03354	0.74603		8.37E-01	0.061856	0.000145	0.019581	9.19E-01		0.825271	0.053201	0.000118	0.020796	0.899387
1307	490708.06	3859590.74	7.24824	11.49394	9.21632	14.34091		6.57E-01	0.04863	0.00017	0.03322	0.73886		8.29E-01	0.061372	0.000146	0.01939	9.10E-01		0.817237	0.052784	0.00012	0.020594	0.890735
1308	490758.06	3859590.74	7.20314	11.18192	8.94329	13.95619		6.53E-01	0.04731	0.00017	0.03233	0.73256		8.24E-01	0.059706	0.000142	0.01887	9.03E-01		0.812152	0.051352	0.000116	0.020042	0.883661
1309	490808.06	3859590.74	7.06962	11.05861	8.74354	13.63615		6.41E-01	0.04678	0.00016	0.03158	0.71919		8.09E-01	0.059048	0.000139	0.018438	8.86E-01		0.797097	0.050785	0.000113	0.019582	0.867578
1310	490858.06	3859590.74	7.01255	11.09496	8.62666	13.41262		6.35E-01	0.04694	0.00016	0.03107	0.71366		8.02E-01	0.059242	0.000137	0.018135	8.80E-01		0.790663	0.050952	0.000112	0.019261	0.860988
1311	490458.06	3859640.74	7.67072	11.50088	8.60504	14.14976		6.95E-01	0.04865	0.00016	0.03277	0.77673		8.77E-01	0.061409	0.000137	0.019132	9.58E-01		0.864871	0.052816	0.000112	0.02032	0.938119
1312	490508.06	3859640.74	7.52172	11.50772	8.54498	14.14058		6.82E-01	0.04868	0.00016	0.03275	0.76323		8.60E-01	0.061446	0.000136	0.01912	9.41E-01		0.848071	0.052848	0.000111	0.020307	0.921337
1313	490558.06	3859640.74	7.46727	11.52024	8.50756	14.14326		6.77E-01	0.04874	0.00016	0.03276	0.75835		8.54E-01	0.061513	0.000135	0.019123	9.35E-01		0.841932	0.052905	0.00011	0.02031	0.915258
1314	490608.06	3859640.74	7.41192	11.51898	8.70529	13.85928		6.72E-01	0.04873	0.00016	0.0321	0.75268		8.48E-01	0.061506	0.000138	0.018739	9.28E-01		0.835691	0.052899	0.000113	0.019903	0.908607
1315	490658.06	3859640.74	7.3936	11.23926	8.69784	14.08307		6.70E-01	0.04755	0.00016	0.03262	0.75035		8.46E-01	0.060012	0.000138	0.019042	9.25E-01		0.833626	0.051615	0.000113	0.020224	0.905578
1316	490708.06	3859640.74	7.29499	11.27835	8.90008	13.9677		6.61E-01	0.04771	0.00017	0.03235	0.74132		8.34E-01	0.060221	0.000141	0.018886	9.14E-01		0.822508	0.051794	0.000116	0.020058	0.894476
1317	490758.06	3859640.74	7.16668	11.37789	8.99032	14.16958		6.49E-01	0.04813	0.00017	0.03282	0.73058		8.20E-01	0.060752	0.000143	0.019159	9.00E-01		0.808041	0.052251	0.000117	0.020348	0.880757
1318	490808.06	3859640.74	7.14866	10.98731	8.94077	13.81917		6.48E-01	0.04648	0.00017	0.03201	0.72648		8.18E-01	0.058667	0.000142	0.018685	8.95E-01		0.806009	0.050458	0.000116	0.019845	0.876428
1319	490858.06	3859640.74	7.03587	10.96046	8.56142	13.56498		6.38E-01	0.04637	0.00016	0.03142	0.71555		8.05E-01	0.058524	0.000136	0.018341	8.82E-01		0.793292	0.050335	0.000111	0.01948	0.863218
1320	490608.06	3859690.74	7.4159	11.23024	8.33663	13.74704		6.72E-01	0.04751	0.00016	0.03184	0.75155		8.48E-01	0.059964	0.000132	0.018587	9.27E-01		0.83614	0.051573	0.000108	0.019741	0.907563
1321	490658.06	3859690.74	7.31968	11.31685	8.47996	14.39915		6.63E-01	0.04788	0.00016	0.03335	0.74471		8.37E-01	0.060427	0.000135	0.019469	9.17E-01		0.825291	0.051971	0.00011	0.020678	0.898051
1322	490708.06	3859690.74	7.31097	11.11571	8.60461	14.01687		6.63E-01	0.04703	0.00016	0.03247	0.74219		8.36E-01	0.059353	0.000137	0.018952	9.15E-01		0.824309	0.051047	0.000112	0.020129	0.895597
1323	490758.06	3859690.74	7.27234	11.00868	8.66542	13.6993		6.59E-01	0.04657	0.00016	0.03173	0.7375		8.32E-01	0.058781	0.000138	0.018523	9.09E-01		0.819954	0.050556	0.000112	0.019673	0.890295
1324	490808.06	3859690.74	7.13808	11.13392	8.78687	13.81673		6.47E-01	0.0471	0.00016	0.032	0.72614		8.16E-01	0.05945	0.00014	0.018682	8.95E-01		0.804816	0.051131	0.000114	0.019842	0.875903
1325	490858.06	3859690.74	7.06829	10.99196	8.82215	13.77137		6.41E-01	0.0465	0.00017	0.0319	0.71911		8.08E-01	0.058692	0.00014	0.01862	8.86E-01		0.796947	0.050479	0.000115	0.019776	0.867317
1326	490708.06	3859740.74	7.22428	11.09943	8.28768	13.53528		6.55E-01	0.04696	0.00016	0.03135	0.73314		8.26E-01	0.059266	0.000132	0.018301	9.04E-01		0.814535	0.050973	0.000108	0.019437	0.885053
1327	490758.06	3859740.74	7.19836	11.00314	8.39614	13.80903		6.52E-01	0.04655	0.00016	0.03198	0.73102		8.23E-01	0.058751	0.000133	0.018671	9.01E-01		0.811613	0.050531	0.000109	0.01983	0.882083
1328	490808.06	3859740.74	7.20811	10.7242	8.36929	13.4425		6.53E-01	0.04537	0.00016	0.03114	0.72987		8.24E-01	0.057262	0.000133	0.018176	9.00E-01		0.812712	0.04925	0.000109	0.019304	0.881374
1329	490858.06	3859740.74	7.09941	10.77592	8.53957	13.31129		6.43E-01	0.04559	0.00016	0.03083	0.71994		8.12E-01	0.057538	0.000136	0.017998	8.88E-01		0.800456	0.049487	0.000111	0.019116	0.86917
1330	490786.56	3859749.39	7.18516	10.85333	8.39156	13.61506		6.51E-01	0.04592	0.00016	0.03154	0.72874		8.22E-01	0.057952	0.000133	0.018409	8.98E-01		0.810124	0.049843	0.000109	0.019552	0.879628
1331	490836.56	3859749.39	7.16121	10.67506	8.42041	13.19353		6.49E-01	0.04516	0.00016	0.03056	0.72484		8.19E-01	0.057	0.000134	0.017839	8.94E-01		0.807424	0.049024	0.000109	0.018947	0.875504
1332	490786.56	3859799.39	7.07558	10.76714	8.0521	13.18536		6.41E-01	0.04555	0.00015	0.03054	0.71744		8.09E-01	0.057491	0.000128	0.017828	8.85E-01		0.797769	0.049447	0.000105	0.018935	0.866255
1333	490836.56	3859799.39	7.02711	10.72995	8.18656	12.88605		6.37E-01	0.04539	0.00015	0.02985	0.7122		8.04E-01	0.057293	0.00013	0.017423	8.79E-01		0.792304	0.049276	0.000106	0.018505	0.860191
1334	492307.84	3854508.36	2.35842	6.04562	3.16099	1.11396		2.14E-01	0.02558	5.9E-05	0.00258	0.24194		2.70E-01	0.032281	5.02E-05	0.001506	3.04E-01		0.265911	0.027764	4.1E-05	0.0016	0.295316
1335	486445.7	3854753.6	4.25848	12.29577	4.59828	1.36109		3.86E-01	0.05202	8.6E-05	0.00315	0.44117		4.87E-01	0.065654	7.31E-05	0.00184	5.55E-01		0.480142	0.056467	5.97E-05	0.001955	0.538623
1336	472599.75	3877830.11	0.37877	0.60892	0.48853	0.70964		3.43E-02	0.00258	9.1E-06	0.00164	0.03855		4.33E-02	0.003251	7.76E-06	0.00096	4.75E-02		0.042706	0.002796	6.34E-06	0.001019	0.046528
1337	493107.48	3866840.19	2.5213	3.0329	2.75319	2.68336		2.28E-01	0.01283	5.2E-05	0.00622	0.24758		2.88E-01	0.016194	4.38E-05	0.003628	3.08E-01		0.284276	0.013928	3.57E-05	0.003853	0.302093
1338	495815.79	3861662.87	2.93592	4.2118	3.59337	5.39116		2.66E-01	0.01782	6.7E-05	0.01249	0.29643		3.36E-01	0.022489	5.71E-05	0.007289	3.66E-01		0.331024	0.019342	4.66E-05	0.007742	0.358155

1339	480272.33	3841389.2	0.16551	0.23723	0.18137	0.17427	1.50E-02	0.001	3.4E-06	0.0004	0.01641	1.89E-02	0.001267	2.88E-06	0.000236	2.04E-02	0.018661	0.001089	2.35E-06	0.00025	0.020003
1340	497005.18	3862813.64	2.27932	3.27156	2.49544	3.88758	2.07E-01	0.01384	4.7E-05	0.009	0.22945	2.61E-01	0.017469	3.97E-05	0.005256	2.83E-01	0.256993	0.015024	3.24E-05	0.005583	0.277632
1341	493677.33	3860302.55	4.53914	6.09133	5.88779	7.14975	4.11E-01	0.02577	0.00011	0.01656	0.45379	5.19E-01	0.032525	9.36E-05	0.009667	5.61E-01	0.511786	0.027974	7.64E-05	0.010267	0.550104
1342	493727.33	3860302.55	4.51746	6.02542	5.70693	7.11547	4.09E-01	0.02549	0.00011	0.01648	0.45146	5.17E-01	0.032173	9.07E-05	0.009621	5.59E-01	0.509342	0.027671	7.41E-05	0.010218	0.547305
1343	493777.33	3860302.55	4.45411	5.89555	5.62653	7.07893	4.04E-01	0.02494	0.00011	0.0164	0.44508	5.09E-01	0.031479	8.94E-05	0.009571	5.51E-01	0.502199	0.027075	7.3E-05	0.010166	0.539513
1344	493827.33	3860302.55	4.36262	5.81719	5.61675	7.02703	3.95E-01	0.02461	0.00011	0.01628	0.43634	4.99E-01	0.031061	8.93E-05	0.009501	5.40E-01	0.491884	0.026715	7.29E-05	0.010091	0.528763
1345	493877.33	3860302.55	4.29181	5.81877	5.59234	7.02548	3.89E-01	0.02462	0.0001	0.01627	0.42993	4.91E-01	0.031069	8.89E-05	0.009499	5.32E-01	0.4839	0.026722	7.26E-05	0.010089	0.520784
1346	493927.33	3860302.55	4.21581	5.80528	5.56987	6.97844	3.82E-01	0.02456	0.0001	0.01616	0.42287	4.82E-01	0.030997	8.85E-05	0.009436	5.23E-01	0.475331	0.02666	7.23E-05	0.010021	0.512085
1347	493977.33	3860302.55	4.14534	5.81278	5.51029	6.9648	3.76E-01	0.02459	0.0001	0.01613	0.41649	4.74E-01	0.031037	8.76E-05	0.009417	5.15E-01	0.467386	0.026694	7.15E-05	0.010002	0.504153
1348	494027.33	3860302.55	4.0729	5.7599	5.37236	6.81566	3.69E-01	0.02437	0.0001	0.01579	0.40935	4.66E-01	0.030755	8.54E-05	0.009216	5.06E-01	0.459218	0.026452	6.97E-05	0.009788	0.495527
1349	493677.33	3860352.55	4.55474	6.02939	5.9766	7.17667	4.13E-01	0.02551	0.00011	0.01662	0.455	5.21E-01	0.032194	9.5E-05	0.009704	5.63E-01	0.513545	0.027689	7.76E-05	0.010306	0.551618
1350	493727.33	3860352.55	4.51874	6.03197	5.9072	6.86004	4.09E-01	0.02552	0.00011	0.01589	0.45102	5.17E-01	0.032208	9.39E-05	0.009276	5.58E-01	0.509486	0.027701	7.67E-05	0.009851	0.547115
1351	493777.33	3860352.55	4.46505	5.95451	5.74913	6.82662	4.05E-01	0.02519	0.00011	0.01581	0.44574	5.11E-01	0.031794	9.14E-05	0.00923	5.52E-01	0.503433	0.027345	7.46E-05	0.009803	0.540656
1352	493827.33	3860352.55	4.44103	5.89357	5.58332	6.81232	4.02E-01	0.02493	0.0001	0.01578	0.44327	5.08E-01	0.031469	8.87E-05	0.009211	5.49E-01	0.500725	0.027065	7.25E-05	0.009783	0.537645
1353	493877.33	3860352.55	4.36388	5.78386	5.51278	6.90588	3.95E-01	0.02447	0.0001	0.016	0.43603	4.99E-01	0.030883	8.76E-05	0.009337	5.39E-01	0.492026	0.026562	7.16E-05	0.009917	0.528576
1354	493927.33	3860352.55	4.28393	5.69079	5.51034	6.88319	3.88E-01	0.02407	0.0001	0.01594	0.42834	4.90E-01	0.030386	8.76E-05	0.009307	5.30E-01	0.483012	0.026134	7.15E-05	0.009885	0.519102
1355	493977.33	3860352.55	4.22504	5.69706	5.50687	6.90796	3.83E-01	0.0241	0.0001	0.016	0.42309	4.83E-01	0.03042	8.75E-05	0.00934	5.23E-01	0.476372	0.026163	7.15E-05	0.00992	0.512527
1356	494027.33	3860352.55	4.15872	5.71222	5.49188	6.8916	3.77E-01	0.02417	0.0001	0.01596	0.4171	4.76E-01	0.030501	8.73E-05	0.009318	5.16E-01	0.468894	0.026233	7.13E-05	0.009897	0.505095
1357	493677.33	3860402.55	4.47452	5.89468	5.75762	7.37061	4.05E-01	0.02494	0.00011	0.01707	0.44761	5.12E-01	0.031475	9.15E-05	0.009966	5.53E-01	0.504501	0.027071	7.47E-05	0.010585	0.54223
1358	493727.33	3860402.55	4.48134	5.85663	5.79581	7.13732	4.06E-01	0.02478	0.00011	0.01653	0.44752	5.13E-01	0.031272	9.21E-05	0.00965	5.54E-01	0.50527	0.026896	7.52E-05	0.01025	0.54249
1359	493777.33	3860402.55	4.48889	5.88552	5.86771	6.886	4.07E-01	0.0249	0.00011	0.01595	0.44775	5.13E-01	0.031426	9.33E-05	0.009311	5.54E-01	0.506121	0.027028	7.62E-05	0.009889	0.543114
1360	493827.33	3860402.55	4.44023	5.89562	5.77684	6.73835	4.02E-01	0.02494	0.00011	0.01561	0.44304	5.08E-01	0.03148	9.18E-05	0.009111	5.49E-01	0.500634	0.027075	7.5E-05	0.009677	0.537461
1361	493877.33	3860402.55	4.39889	5.83342	5.61928	6.69759	3.99E-01	0.02468	0.00011	0.01551	0.43893	5.03E-01	0.031148	8.93E-05	0.009056	5.43E-01	0.495973	0.026789	7.29E-05	0.009618	0.532454
1362	493927.33	3860402.55	4.3789	5.79114	5.48669	6.70016	3.97E-01	0.0245	0.0001	0.01552	0.43695	5.01E-01	0.030922	8.72E-05	0.009059	5.41E-01	0.493719	0.026595	7.12E-05	0.009622	0.530008
1363	493977.33	3860402.55	4.29896	5.7112	5.43731	6.82523	3.90E-01	0.02416	0.0001	0.01581	0.42965	4.92E-01	0.030495	8.64E-05	0.009228	5.32E-01	0.484706	0.026228	7.06E-05	0.009801	0.520806
1364	494027.33	3860402.55	4.21447	5.59022	5.41766	6.76259	3.82E-01	0.02365	0.0001	0.01566	0.42134	4.82E-01	0.029849	8.61E-05	0.009144	5.21E-01	0.47518	0.025672	7.03E-05	0.009711	0.510634
1365	493677.33	3860452.55	4.44077	5.97638	5.56173	7.62657	4.02E-01	0.02528	0.0001	0.01766	0.44548	5.08E-01	0.031911	8.84E-05	0.010312	5.50E-01	0.500695	0.027446	7.22E-05	0.010952	0.539165
1366	493727.33	3860452.55	4.38714	5.83541	5.57354	7.43315	3.98E-01	0.02469	0.0001	0.01722	0.43958	5.02E-01	0.031158	8.86E-05	0.01005	5.43E-01	0.494649	0.026798	7.23E-05	0.010674	0.532194
1367	493777.33	3860452.55	4.38823	5.73099	5.63099	7.26043	3.98E-01	0.02425	0.00011	0.01682	0.43884	5.02E-01	0.030601	8.95E-05	0.009817	5.42E-01	0.494771	0.026319	7.31E-05	0.010426	0.53159
1368	493827.33	3860452.55	4.40896	5.73269	5.68982	7.02173	4.00E-01	0.02425	0.00011	0.01626	0.44017	5.04E-01	0.03061	9.04E-05	0.009494	5.44E-01	0.497109	0.026327	7.39E-05	0.010084	0.533593
1369	493877.33	3860452.55	4.40441	5.7389	5.74805	6.78634	3.99E-01	0.02428	0.00011	0.01572	0.43924	5.04E-01	0.030643	9.14E-05	0.009176	5.44E-01	0.496596	0.026355	7.46E-05	0.009746	0.532771
1370	493927.33	3860452.55	4.37856	5.7939	5.68237	6.61668	3.97E-01	0.02451	0.00011	0.01533	0.43674	5.01E-01	0.030937	9.03E-05	0.008946	5.41E-01	0.493681	0.026608	7.38E-05	0.009502	0.529865
1371	493977.33	3860452.55	4.34068	5.76524	5.52168	6.56694	3.93E-01	0.02439	0.0001	0.01521	0.43307	4.96E-01	0.030784	8.78E-05	0.008879	5.36E-01	0.48941	0.026476	7.17E-05	0.00943	0.525388
1372	494027.33	3860452.55	4.31521	5.6788	5.39642	6.58367	3.91E-01	0.02402	0.0001	0.01525	0.43043	4.94E-01	0.030322	8.58E-05	0.008902	5.33E-01	0.486538	0.026079	7E-05	0.009454	0.522142
1373	493677.33	3860502.55	4.37151	6.16444	5.48426	7.70404	3.96E-01	0.02608	0.0001	0.01784	0.44018	5.00E-01	0.032915	8.72E-05	0.010417	5.43E-01	0.492886	0.028309	7.12E-05	0.011063	0.53233
1374	493727.33	3860502.55	4.3579	5.96966	5.43301	7.63409	3.95E-01	0.02525	0.0001	0.01768	0.43796	4.98E-01	0.031875	8.63E-05	0.010322	5.41E-01	0.491352	0.027415	7.05E-05	0.010963	0.5298
1375	493777.33	3860502.55	4.34888	5.84149	5.43286	7.49988	3.94E-01	0.02471	0.0001	0.01737	0.43629	4.97E-01	0.031191	8.63E-05	0.010141	5.39E-01	0.490335	0.026826	7.05E-05	0.01077	0.528002
1376	493827.33	3860502.55	4.3129	5.7302	5.46445	7.32346	3.91E-01	0.02424	0.0001	0.01696	0.43215	4.93E-01	0.030597	8.68E-05	0.009902	5.34E-01	0.486278	0.026315	7.09E-05	0.010517	0.523181
1377	493877.33	3860502.55	4.33148	5.64143	5.54604	7.15075	3.93E-01	0.02387	0.0001	0.01656	0.43306	4.95E-01	0.030123	8.81E-05	0.009669	5.35E-01	0.488373	0.025908	7.2E-05	0.010269	0.524621
1378	493927.33	3860502.55	4.35682	5.64792	5.6143	6.90154	3.95E-01	0.02389	0.00011	0.01599	0.43481	4.98E-01	0.030157	8.92E-05	0.009332	5.38E-01	0.49123	0.025937	7.29E-05	0.009911	0.527151
1379	493977.33	3860502.55	4.335	5.61726	5.65587	6.67535	3.93E-01	0.02376	0.00011	0.01546	0.43218	4.96E-01	0.029993	8.99E-05	0.009026	5.35E-01	0.48877	0.025797	7.34E-05	0.009586	0.524226
1380	494027.33	3860502.55	4.28819	5.64288	5.55037	6.52186	3.89E-01	0.02387	0.0001	0.01511	0.42769	4.90E-01	0.03013	8.82E-05	0.008818	5.30E-01	0.483492	0.025914	7.2E-05	0.009366	0.518844
1381	493627.33	3860552.55	4.34935	6.35062	5.37833	7.80757	3.94E-01	0.02687	0.0001	0.01808	0.4392	4.97E-01	0.033909	8.55E-05	0.010557	5.42E-01	0.490388	0.029164	6.98E-05	0.011212	0.530834
1382	493677.33	3860552.55	4.29639	6.29269	5.37674	7.74135	3.89E-01	0.02662	0.0001	0.01793	0.434	4.91E-01	0.0336	8.55E-05	0.010467	5.36E-01	0.484417	0.028898	6.98E-05	0.011117	0.524502
1383	493727.33	3860552.55	4.27967	6.20479	5.36592	7.65171	3.88E-01	0.02625	0.0001	0.01772	0.43191	4.90E-01	0.033131	8.53E-05	0.010346	5.33E-01	0.482531	0.028495	6.97E-05	0.010988	0.522084
1384	493777.33	3860552.55	4.27883	6.02241	5.35174	7.56419	3.88E-01	0.02548	0.0001	0.01752	0.43085	4.89E-01	0.032157	8.51E-05	0.010228	5.32E-01	0.482437	0.027657	6.95E-05	0.010863	0.521026
1385	493827.33	3860552.55	4.28619	5.87033	5.32161	7.51521	3.88E-01	0.02483	1E-04	0.01741	0.43076	4.90E-01	0.031345	8.46E-05	0.010161	5.32E-01	0.483266	0.026959	6.91E-05	0.010792	0.521087
1386	493877.33	3860552.55	4.26839	5.73499	5.32702	7.38246	3.87E-01	0.02426	1E-04	0.0171	0.42827	4.88E-01	0.030622	8.47E-05	0.009982	5.29E-01	0.48126	0.026337	6.91E-05	0.010602	0.518267
1387	493927.33	3860552.55	4.24835	5.64133	5.3727	7.21674	3.85E-01	0.02387	0.0001	0.01672	0.42568	4.86E-01	0.030122	8.54E-05	0.009758	5.26E-01	0.479	0.025907	6.97E-05	0.010364	0.51534
1388	493977.33	3860552.55	4.27354	5.55726	5.46137	7.04397	3.87E-01	0.02351	0.0001	0.01632	0.4272	4.89E-01	0.029673	8.68E-05	0.009524	5.28E-01	0.48184	0.025521	7.09E-05	0.010116	0.517548
1389	494027.33	3860552.55	4.28087	5.51328	5.50436	6.78516	3.88E-01	0.02332	0.0001	0.01572	0.42708	4.90E-01	0.029438	8.75E-05	0.009174	5.28E-01	0.482667	0.025319	7.14E-05	0.009744	0.517801
1390	493627.33	3860602.55	4.29354	6.44935	5.31038	7.78163	3.89E-01	0.02728	9.9E-05	0.01802	0.4345	4.91E-01	0.034436	8.44E-05	0.010522	5.36E-01	0.484095	0.029618	6.89E-05	0.011175	0.524957
1391	493727.33	3860602.55	4.23299	6.15934	5.23767	7.67464	3.84E-01	0.02606	9.8E-05	0.01778	0.42753	4.84E-01	0.032888	8.32E-05	0.010377	5.28E-01	0.477268	0.028286	6.8E-05	0.011021	0.516643
1392	493777.33	3860602.55	4.21083	6.1427	5.27092	7.62253	3.82E-01	0.02599	9.9E-05	0.01766	0.42533	4.82E-01	0.032799	8.38E-05	0.010306	5.25E-01	0.47477	0.02821	6.84E-05	0.010946	0.513994
1393	493827.33	3860602.55	4.20754	6.08504	5.26849	7.53384	3.81E-01	0.02574	9.9E-05	0.01745	0.42459	4.81E-01	0.032491	8.37E-05	0.010187	5.24E-01	0.474399	0.027945	6.84E-05	0.010819	0.513231
1394	493877.33	3860602.55	4.21631	5.93126	5.26174	7.43967	3.82E-01	0.02509	9.9E-05	0.01723	0.42451	4.82E-01	0.03167	8.36E-05	0.010059	5.24E-01	0.475388	0.027239	6.83E-05	0.010684	0.513378
1395	493927.33	3860602.55	4.21815	5.77927	5.21902	7.39991	3.82E-01	0.02445	9.8E-05	0.01714	0.42394	4.82E-01	0.030859	8.29E-05	0.010005	5.23E-01	0.475595	0.026541	6.77E-05	0.010627	0.51283
1396	493977.33	3860602.55	4.20556	5.65908	5.24511	7.26703	3.81E-01	0.02394	9.8E-05	0.01683	0.42199	4.81E-01	0.030217	8.34E-05	0.009826	5.21E-01	0.474175	0.025989	6.81E-05	0.010436	0.510668
1397	494027.33	3860602.55	4.18236	5.54275	5.27656	7.11001	3.79E-01	0.02345	9.9E-05	0.01647	0.41903	4.78E-01	0.029596	8.39E-05	0.009614	5.18E-01	0.47156	0.025454	6.85E-05	0.01021	0.507293
1398	493627.33	3860652.55	4.23027	6.42326	5.17088	7.58866	3.83E-01	0.02717	9.7E-05	0.01758	0.4282	4.84E-01	0.034297	8.22E-05	0.010261	5.28E-01	0.476961	0.029498	6.71E-05	0.010898	0.517424
1399	493727.33	3860652.55	4.18241	6.2487	5.1627	7.62851	3.79E-01	0.02644	9.7E-05	0.01767	0.42322	4.78E-01	0.033365	8.21E-05	0.010315	5.22E-01	0.471565	0.028696	6.7E-05	0.010955	0.511284

1400	493777.33	3860652.55	4.19635	6.16533	5.15331	7.59981		3.80E-01	0.02608	9.6E-05	0.0176	0.42406		4.80E-01	0.03292	8.19E-05	0.010276	5.23E-01		0.473137	0.028313	6.69E-05	0.010914	0.512431							
1401	493827.33	3860652.55	4.16635	6.06702	5.16547	7.56739		3.78E-01	0.02567	9.7E-05	0.01753	0.42085		4.77E-01	0.032395	8.21E-05	0.010232	5.19E-01		0.469755	0.027862	6.7E-05	0.010867	0.508551							
1402	493877.33	3860652.55	4.15407	6.03074	5.19293	7.51469		3.76E-01	0.02551	9.7E-05	0.01741	0.41947		4.75E-01	0.032201	8.25E-05	0.010161	5.18E-01		0.46837	0.027695	6.74E-05	0.010791	0.506924							
1403	493927.33	3860652.55	4.14876	5.9875	5.18998	7.4268		3.76E-01	0.02533	9.7E-05	0.0172	0.4186		4.75E-01	0.03197	8.25E-05	0.010042	5.17E-01		0.467771	0.027497	6.74E-05	0.010665	0.506001							
1404	493977.33	3860652.55	4.14824	5.83664	5.16097	7.32746		3.76E-01	0.02469	9.7E-05	0.01697	0.41768		4.74E-01	0.031165	8.2E-05	0.009908	5.16E-01		0.467713	0.026804	6.7E-05	0.010523	0.505106							
1405	494027.33	3860652.55	4.15498	5.69587	5.13253	7.28823		3.77E-01	0.0241	9.6E-05	0.01688	0.41761		4.75E-01	0.030413	8.16E-05	0.009854	5.16E-01		0.468473	0.026158	6.66E-05	0.010466	0.505163							
1406	494311.06	3858401.99	1.3166	2.24987	1.60229	0.83027		1.19E-01	0.00952	3E-05	0.00192	0.13078		1.51E-01	0.012013	2.55E-05	0.001123	1.64E-01		0.148446	0.010332	2.08E-05	0.001192	0.159992							
1407	494361.06	3858401.99	1.2696	2.15491	1.5412	0.81853		1.15E-01	0.00912	2.9E-05	0.0019	0.12609		1.45E-01	0.011506	2.45E-05	0.001107	1.58E-01		0.143147	0.009896	2E-05	0.001175	0.154239							
1408	494411.06	3858401.99	1.23967	2.10185	1.50746	0.81106		1.12E-01	0.00889	2.8E-05	0.00188	0.12314		1.42E-01	0.011223	2.4E-05	0.001097	1.54E-01		0.139772	0.009652	1.96E-05	0.001165	0.150609							
1409	494461.06	3858401.99	1.23565	2.09387	1.49636	0.8091		1.12E-01	0.00886	2.8E-05	0.00187	0.12274		1.41E-01	0.01118	2.38E-05	0.001094	1.54E-01		0.139319	0.009616	1.94E-05	0.001162	0.150116							
1410	494511.06	3858401.99	1.19036	2.04613	1.45978	0.7991		1.08E-01	0.00866	2.7E-05	0.00185	0.11841		1.36E-01	0.010925	2.32E-05	0.00108	1.48E-01		0.134213	0.009397	1.89E-05	0.001148	0.144776							
1411	494561.06	3858401.99	1.17689	2.01944	1.4489	0.79533		1.07E-01	0.00854	2.7E-05	0.00184	0.11706		1.35E-01	0.010783	2.3E-05	0.001075	1.46E-01		0.132694	0.009274	1.88E-05	0.001142	0.143129							
1412	494611.06	3858401.99	1.14664	1.96717	1.4065	0.78058		1.04E-01	0.00832	2.6E-05	0.00181	0.11407		1.31E-01	0.010504	2.24E-05	0.001055	1.43E-01		0.129283	0.009034	1.83E-05	0.001121	0.139456							
1413	494661.06	3858401.99	1.11745	1.93734	1.37605	0.76366		1.01E-01	0.0082	2.6E-05	0.00177	0.11126		1.28E-01	0.010344	2.19E-05	0.001033	1.39E-01		0.125992	0.008897	1.79E-05	0.001097	0.136004							
1414	494711.06	3858401.99	1.07899	1.88475	1.3189	0.74329		9.78E-02	0.00797	2.5E-05	0.00172	0.1075		1.23E-01	0.010064	2.1E-05	0.001005	1.35E-01		0.121656	0.008655	1.71E-05	0.001067	0.131396							
1415	494761.06	3858401.99	1.06345	1.86012	1.29743	0.71914		9.64E-02	0.00787	2.4E-05	0.00167	0.10593		1.22E-01	0.009932	2.06E-05	0.000972	1.33E-01		0.119904	0.008542	1.68E-05	0.001033	0.129496							
1416	494811.06	3858401.99	1.03931	1.82082	1.26592	0.70872		9.42E-02	0.0077	2.4E-05	0.00164	0.10355		1.19E-01	0.009722	2.01E-05	0.000958	1.30E-01		0.117182	0.008362	1.64E-05	0.001018	0.126578							
1417	494861.06	3858401.99	1.01907	1.78132	1.23882	0.69971		9.24E-02	0.00754	2.3E-05	0.00162	0.10153		1.17E-01	0.009511	1.97E-05	0.000946	1.27E-01		0.1149	0.00818	1.61E-05	0.001005	0.124101							
1418	494911.06	3858401.99	0.99007	1.73748	1.20536	0.69067		8.97E-02	0.00735	2.3E-05	0.0016	0.09869		1.13E-01	0.009277	1.92E-05	0.000934	1.23E-01		0.11163	0.007979	1.56E-05	0.000992	0.120617							
1419	494961.06	3858401.99	0.96193	1.69433	1.17403	0.67957		8.72E-02	0.00717	2.2E-05	0.00157	0.09594		1.10E-01	0.009047	1.87E-05	0.000919	1.20E-01		0.108457	0.007781	1.52E-05	0.000976	0.117229							
1420	495011.06	3858401.99	0.92238	1.64286	1.13313	0.66648		8.36E-02	0.00695	2.1E-05	0.00154	0.0921		1.06E-01	0.008772	1.8E-05	0.000901	1.15E-01		0.103998	0.007545	1.47E-05	0.000957	0.112514							
1421	495061.06	3858401.99	0.90252	1.61129	1.10838	0.6562		8.18E-02	0.00682	2.1E-05	0.00152	0.09015		1.03E-01	0.008604	1.76E-05	0.000887	1.13E-01		0.101759	0.0074	1.44E-05	0.000942	0.110115							
1422	495111.06	3858401.99	0.85688	1.54358	1.0619	0.63647		7.77E-02	0.00653	2E-05	0.00147	0.08568		9.80E-02	0.008242	1.69E-05	0.000861	1.07E-01		0.096613	0.007089	1.38E-05	0.000914	0.104629							
1423	495161.06	3858401.99	0.8534	1.53805	1.0597	0.63373		7.73E-02	0.00651	2E-05	0.00147	0.08533		9.76E-02	0.008212	1.68E-05	0.000857	1.07E-01		0.096221	0.007063	1.38E-05	0.00091	0.104208							
1424	495211.06	3858401.99	0.81688	1.47982	1.01766	0.61725		7.40E-02	0.00626	1.9E-05	0.00143	0.08174		9.34E-02	0.007902	1.62E-05	0.000835	1.02E-01		0.092103	0.006796	1.32E-05	0.000886	0.099798							
1425	495261.06	3858401.99	0.7992	1.45556	0.99813	0.60994		7.24E-02	0.00616	1.9E-05	0.00141	0.08001		9.14E-02	0.007772	1.59E-05	0.000825	1.00E-01		0.09011	0.006684	1.3E-05	0.000876	0.097683							
1426	495311.06	3858401.99	0.78116	1.42576	0.97861	0.60173		7.08E-02	0.00603	1.8E-05	0.00139	0.07823		8.93E-02	0.007613	1.56E-05	0.000814	9.78E-02		0.088076	0.006548	1.27E-05	0.000864	0.0955							
1427	495361.06	3858401.99	0.77121	1.41215	0.96658	0.59656		6.99E-02	0.00597	1.8E-05	0.00138	0.07726		8.82E-02	0.00754	1.54E-05	0.000807	9.66E-02		0.086954	0.006485	1.25E-05	0.000857	0.094308							
1428	495411.06	3858401.99	0.76754	1.39671	0.96236	0.59427		6.96E-02	0.00591	1.8E-05	0.00138	0.07686		8.78E-02	0.007458	1.53E-05	0.000804	9.61E-02		0.08654	0.006414	1.25E-05	0.000853	0.09382							
1429	495461.06	3858401.99	0.76553	1.38559	0.96196	0.59315		6.94E-02	0.00586	1.8E-05	0.00137	0.07663		8.76E-02	0.007398	1.53E-05	0.000802	9.58E-02		0.086313	0.006363	1.25E-05	0.000852	0.093541							
1430	495511.06	3858401.99	0.75782	1.37921	0.95659	0.5915		6.87E-02	0.00583	1.8E-05	0.00137	0.0759		8.67E-02	0.007364	1.52E-05	0.0008	9.49E-02		0.085444	0.006334	1.24E-05	0.000849	0.09264							
1431	495561.06	3858401.99	0.73457	1.32971	0.94361	0.58308		6.66E-02	0.00563	1.8E-05	0.00135	0.07356		8.40E-02	0.0071	1.5E-05	0.000788	9.19E-02		0.082823	0.006107	1.22E-05	0.000837	0.089779							
1432	495611.06	3858401.99	0.72851	1.31879	0.94234	0.58211		6.60E-02	0.00558	1.8E-05	0.00135	0.07296		8.33E-02	0.007042	1.5E-05	0.000787	9.12E-02		0.082139	0.006056	1.22E-05	0.000836	0.089044							
1433	495661.06	3858401.99	0.7454	1.35585	0.95092	0.58629		6.75E-02	0.00574	1.8E-05	0.00136	0.07466		8.53E-02	0.00724	1.51E-05	0.000793	9.33E-02		0.084044	0.006227	1.23E-05	0.000842	0.091124							
1434	494311.06	3858451.99	1.42714	2.48448	1.7794	0.86249		1.29E-01	0.01051	3.3E-05	0.002	0.14187		1.63E-01	0.013266	2.83E-05	0.001166	1.78E-01		0.16091	0.01141	2.31E-05	0.001239	0.173581							
1435	494361.06	3858451.99	1.40307	2.42244	1.73092	0.84843		1.27E-01	0.01025	3.2E-05	0.00197	0.13939		1.60E-01	0.012935	2.75E-05	0.001147	1.75E-01		0.158196	0.011125	2.25E-05	0.001218	0.170561							
1436	494411.06	3858451.99	1.37896	2.36638	1.69558	0.83577		1.25E-01	0.01001	3.2E-05	0.00194	0.13694		1.58E-01	0.012635	2.69E-05	0.00113	1.72E-01		0.155477	0.010867	2.2E-05	0.0012	0.167567							
1437	494461.06	3858451.99	1.34928	2.30927	1.65811	0.827		1.22E-01	0.00977	3.1E-05	0.00192	0.13399		1.54E-01	0.01233	2.64E-05	0.001118	1.68E-01		0.152131	0.010605	2.15E-05	0.001188	0.163945							
1438	494511.06	3858451.99	1.34664	2.26926	1.64048	0.82255		1.22E-01	0.0096	3.1E-05	0.00191	0.13357		1.54E-01	0.012117	2.61E-05	0.001112	1.67E-01		0.151833	0.010421	2.13E-05	0.001181	0.163457							
1439	494561.06	3858451.99	1.30904	2.18424	1.5939	0.80904		1.19E-01	0.00924	3E-05	0.00187	0.12977		1.50E-01	0.011663	2.53E-05	0.001094	1.63E-01		0.147594	0.010031	2.07E-05	0.001162	0.158807							
1440	494611.06	3858451.99	1.28697	2.16114	1.56143	0.80004		1.17E-01	0.00914	2.9E-05	0.00185	0.12765		1.47E-01	0.011539	2.48E-05	0.001082	1.60E-01		0.145105	0.009925	2.03E-05	0.001149	0.156199							
1441	494661.06	3858451.99	1.24315	2.11506	1.52539	0.78925		1.13E-01	0.00895	2.9E-05	0.00183	0.12346		1.42E-01	0.011293	2.42E-05	0.001067	1.55E-01		0.140165	0.009713	1.98E-05	0.001133	0.151031							
1442	494711.06	3858451.99	1.20358	2.04752	1.47988	0.77795		1.09E-01	0.00866	2.8E-05	0.0018	0.11956		1.38E-01	0.010933	2.35E-05	0.001052	1.50E-01		0.135703	0.009403	1.92E-05	0.001117	0.146243							
1443	494761.06	3858451.99	1.162	1.98598	1.4356	0.7675		1.05E-01	0.0084	2.7E-05	0.00178	0.11551		1.33E-01	0.010604	2.28E-05	0.001038	1.45E-01		0.131015	0.00912	1.86E-05	0.001102	0.141256							
1444	494811.06	3858451.99	1.12952	1.94749	1.39702	0.75809		1.02E-01	0.00824	2.6E-05	0.00176	0.11238		1.29E-01	0.010399	2.22E-05	0.001025	1.41E-01		0.127353	0.008944	1.81E-05	0.001089	0.137403							
1445	494861.06	3858451.99	1.09663	1.89594	1.35383	0.74831		9.94E-02	0.00802	2.5E-05	0.00173	0.10916		1.25E-01	0.010123	2.15E-05	0.001012	1.37E-01		0.123645	0.008707	1.76E-05	0.001075	0.133444							
1446	494911.06	3858451.99	1.06117	1.81869	1.2978	0.72792		9.62E-02	0.00769	2.4E-05	0.00169	0.10557		1.21E-01	0.009711	2.06E-05	0.000984	1.32E-01		0.119647	0.008352	1.68E-05	0.001045	0.129061							
1447	494961.06	3858451.99	1.03392	1.78803	1.26155	0.70485		9.37E-02	0.00756	2.4E-05	0.00163	0.10292		1.18E-01	0.009547	2.01E-05	0.000953	1.29E-01		0.116574	0.008211	1.64E-05	0.001012	0.125814							
1448	495011.06	3858451.99	0.99915	1.73547	1.21929	0.69092		9.05E-02	0.00734	2.3E-05	0.0016	0.09951		1.14E-01	0.009267	1.94E-05	0.000934	1.25E-01		0.112654	0.00797	1.58E-05	0.000992	0.121632							
1449	495061.06	3858451.99	0.98007	1.71023	1.19651	0.68542		8.88E-02	0.00724	2.2E-05	0.00159	0.09766		1.12E-01	0.009132	1.9E-05	0.000927	1.22E-01		0.110503	0.007854	1.55E-05	0.000984	0.119356							
1450	495111.06	3858451.99	0.93941	1.64826	1.153	0.67145		8.51E-02	0.00697	2.2E-05	0.00156	0.09368		1.07E-01	0.008801	1.83E-05	0.000908	1.17E-01		0.105918	0.007569	1.5E-05	0.000964	0.114467							
1451	495161.06	3858451.99	0.89765	1.59542	1.10449	0.65463		8.13E-02	0.00675	2.1E-05	0.00152	0.08963		1.03E-01	0.008519	1.76E-05	0.000885	1.12E-01		0.10121	0.007327	1.43E-05	0.00094	0.109491							
1452	495211.06	3858451.99	0.86268	1.53955	1.07075	0.64046		7.82E-02	0.00651	2E-05	0.00148	0.08619		9.87E-02	0.00822	1.7E-05	0.000866	1.08E-01		0.097267	0.00707	1.39E-05	0.00092	0.105271							
1453	495261.06	3858451.99	0.84792	1.51757	1.05323	0.63178		7.68E-02	0.00642	2E-05	0.00146	0.08474		9.70E-02	0.008103	1.67E-05	0.000854	1.06E-01		0.095603	0.006969	1.37E-05	0.000907	0.103493							
1454	495311.06	3858451.99	0.83467	1.50118	1.04208	0.62545		7.56E-02	0.00635	2E-05	0.00145	0.08346		9.55E-02	0.008016	1.66E-05	0.000846	1.04E-01		0.094109	0.006894	1.35E-05	0.000898	0.101914							
1455	495361.06	3858451.99	0.82544	1.49527	1.02998	0.62003		7.48E-02	0.00633	1.9E-05	0.00144	0.08258		9.44E-02	0.007984	1.64E-05	0.000838	1.03E-01		0.093068	0.006867	1.34E-05	0.00089	0.100839							
1456	495411.06	3858451.99	0.82137	1.49609	1.02543	0.61753		7.44E-02	0.00633	1.9E-05	0.00143	0.08221		9.39E-02	0.007988	1.63E-05	0.000835	1.03E-01		0.092609	0.006871	1.33E-05	0.000887	0.10038							
1457	495461.06	3858451.99	0.82096	1.49293	1.02581	0.61678		7.44E-02	0.00632	1.9E-05	0.00143	0.08216		9.39E-02	0.007972	1.63E-05	0.000834	1.03E-01		0.092563	0.006856	1.33E-05	0.000886	0.100318							
1458	495511.06	3858451.99	0.80685	1.46843	1.00936	0.61109		7.31E-02	0.00621	1.9E-05	0.00142	0.08076		9.23E-02	0.007841	1.6E-05	0.000826	1.01E-01		0.090972	0.006744	1.31E-05	0.000878	0.098606							
1459	495561.06	3858451.99	0.81256	1.47	1.0151	0.61328		7.36E-02	0.00622	1.9E-05	0.00142	0.08129		9.29E-02	0.007849	1.61E-05	0.000829	1.02E-01		0.091616	0.006751	1.32E-05	0.000881	0.099261							
1460	495611.06	3858451.99	0.79426	1.44176	0.99383	0.6057		7.20E-02	0.0061	1.9E-05	0.0014	0.0795		9.08E-02	0.007698	1.58E-05	0.000819	9.94E-02		0.089553	0.006621	1.29E-05	0.00087	0.097056							

1461	495661.06	3858451.99	0.79567	1.43854	0.99837	0.60571	7.21E-02	0.00609	1.9E-05	0.0014	0.07961	9.10E-02	0.007681	1.59E-05	0.000819	9.95E-02	0.089712	0.006606	1.3E-05	0.00087	0.097201
1462	494311.06	3858501.99	1.54902	2.56717	1.89023	0.8911	1.40E-01	0.01086	3.5E-05	0.00206	0.15334	1.77E-01	0.013707	3E-05	0.001205	1.92E-01	0.174651	0.011789	2.45E-05	0.00128	0.187745
1463	494361.06	3858501.99	1.49555	2.52998	1.85239	0.88074	1.36E-01	0.0107	3.5E-05	0.00204	0.14831	1.71E-01	0.013509	2.94E-05	0.001191	1.86E-01	0.168623	0.011619	2.4E-05	0.001265	0.18153
1464	494411.06	3858501.99	1.4485	2.49859	1.81415	0.86875	1.31E-01	0.01057	3.4E-05	0.00201	0.14388	1.66E-01	0.013341	2.88E-05	0.001175	1.80E-01	0.163318	0.011474	2.35E-05	0.001248	0.176063
1465	494461.06	3858501.99	1.43631	2.47998	1.79679	0.86351	1.30E-01	0.01049	3.4E-05	0.002	0.14269	1.64E-01	0.013242	2.86E-05	0.001168	1.79E-01	0.161943	0.011389	2.33E-05	0.00124	0.174596
1466	494511.06	3858501.99	1.403	2.41606	1.74289	0.84965	1.27E-01	0.01022	3.3E-05	0.00197	0.13936	1.60E-01	0.012901	2.77E-05	0.001149	1.75E-01	0.158188	0.011095	2.26E-05	0.00122	0.170526
1467	494561.06	3858501.99	1.41991	2.43891	1.75717	0.85387	1.29E-01	0.01032	3.3E-05	0.00198	0.141	1.62E-01	0.013023	2.79E-05	0.001155	1.77E-01	0.160094	0.0112	2.28E-05	0.001226	0.172544
1468	494611.06	3858501.99	1.39068	2.38146	1.72096	0.84099	1.26E-01	0.01007	3.2E-05	0.00195	0.13808	1.59E-01	0.012716	2.74E-05	0.001137	1.73E-01	0.156799	0.010937	2.23E-05	0.001208	0.168965
1469	494661.06	3858501.99	1.38176	2.3406	1.69152	0.83207	1.25E-01	0.0099	3.2E-05	0.00193	0.13708	1.58E-01	0.012498	2.69E-05	0.001125	1.72E-01	0.155793	0.010749	2.2E-05	0.001195	0.167759
1470	494711.06	3858501.99	1.34668	2.25469	1.63197	0.81588	1.22E-01	0.00954	3.1E-05	0.00189	0.1335	1.54E-01	0.012039	2.59E-05	0.001103	1.67E-01	0.151838	0.010354	2.12E-05	0.001172	0.163385
1471	494761.06	3858501.99	1.28964	2.17108	1.57222	0.80034	1.17E-01	0.00918	2.9E-05	0.00185	0.12794	1.48E-01	0.011593	2.5E-05	0.001082	1.60E-01	0.145406	0.00997	2.04E-05	0.001149	0.156547
1472	494811.06	3858501.99	1.23243	2.10424	1.51664	0.78492	1.12E-01	0.0089	2.8E-05	0.00182	0.12243	1.41E-01	0.011236	2.41E-05	0.001061	1.53E-01	0.138956	0.009663	1.97E-05	0.001127	0.149766
1473	494861.06	3858501.99	1.20778	2.05948	1.48368	0.77309	1.09E-01	0.00871	2.8E-05	0.00179	0.11998	1.38E-01	0.010997	2.36E-05	0.001045	1.50E-01	0.136177	0.009458	1.93E-05	0.00111	0.146764
1474	494911.06	3858501.99	1.13844	1.96506	1.41046	0.75106	1.03E-01	0.00831	2.6E-05	0.00174	0.11325	1.30E-01	0.010492	2.24E-05	0.001016	1.42E-01	0.128359	0.009024	1.83E-05	0.001079	0.13848
1475	494961.06	3858501.99	1.10808	1.92082	1.37649	0.73926	1.00E-01	0.00813	2.6E-05	0.00171	0.11028	1.27E-01	0.010256	2.19E-05	0.001	1.38E-01	0.124936	0.008821	1.79E-05	0.001062	0.134836
1476	495011.06	3858501.99	1.06238	1.83738	1.31123	0.72016	9.63E-02	0.00777	2.5E-05	0.00167	0.10574	1.22E-01	0.009811	2.08E-05	0.000974	1.32E-01	0.119783	0.008438	1.7E-05	0.001034	0.129272
1477	495061.06	3858501.99	1.05259	1.81157	1.28864	0.71235	9.54E-02	0.00766	2.4E-05	0.00165	0.10473	1.20E-01	0.009673	2.05E-05	0.000963	1.31E-01	0.118679	0.008319	1.67E-05	0.001023	0.128038
1478	495111.06	3858501.99	0.99962	1.72629	1.22271	0.691	9.06E-02	0.0073	2.3E-05	0.0016	0.09951	1.14E-01	0.009218	1.94E-05	0.000934	1.25E-01	0.112707	0.007928	1.59E-05	0.000992	0.121643
1479	495161.06	3858501.99	0.97049	1.67963	1.18302	0.67842	8.79E-02	0.00711	2.2E-05	0.00157	0.09665	1.11E-01	0.008968	1.88E-05	0.000917	1.21E-01	0.109422	0.007713	1.54E-05	0.000974	0.118126
1480	495211.06	3858501.99	0.93227	1.62675	1.13853	0.66619	8.45E-02	0.00688	2.1E-05	0.00154	0.09293	1.07E-01	0.008686	1.81E-05	0.000901	1.16E-01	0.105113	0.007471	1.48E-05	0.000957	0.113555
1481	495261.06	3858501.99	0.90651	1.5953	1.11644	0.65779	8.21E-02	0.00675	2.1E-05	0.00152	0.09044	1.04E-01	0.008518	1.77E-05	0.000889	1.13E-01	0.102209	0.007326	1.45E-05	0.000945	0.110494
1482	495311.06	3858501.99	0.89449	1.57866	1.10303	0.65253	8.11E-02	0.00668	2.1E-05	0.00151	0.08927	1.02E-01	0.008429	1.75E-05	0.000882	1.12E-01	0.100853	0.00725	1.43E-05	0.000937	0.109055
1483	495361.06	3858501.99	0.88775	1.56345	1.09259	0.64814	8.04E-02	0.00661	2E-05	0.0015	0.08859	1.02E-01	0.008348	1.74E-05	0.000876	1.11E-01	0.100094	0.00718	1.42E-05	0.000931	0.108218
1484	495411.06	3858501.99	0.8831	1.55824	1.08902	0.64579	8.00E-02	0.00659	2E-05	0.0015	0.08814	1.01E-01	0.00832	1.73E-05	0.000873	1.10E-01	0.099569	0.007156	1.41E-05	0.000927	0.107667
1485	495461.06	3858501.99	0.87998	1.55313	1.08838	0.64171	7.97E-02	0.00657	2E-05	0.00149	0.08782	1.01E-01	0.008293	1.73E-05	0.000868	1.10E-01	0.099217	0.007133	1.41E-05	0.000922	0.107286
1486	495511.06	3858501.99	0.8766	1.54046	1.07955	0.63807	7.94E-02	0.00652	2E-05	0.00148	0.08745	1.00E-01	0.008225	1.72E-05	0.000863	1.09E-01	0.098836	0.007074	1.4E-05	0.000916	0.106841
1487	495561.06	3858501.99	0.89086	1.5602	1.09053	0.63906	8.07E-02	0.0066	2E-05	0.00148	0.08883	1.02E-01	0.008331	1.73E-05	0.000864	1.11E-01	0.100444	0.007165	1.42E-05	0.000918	0.108541
1488	495611.06	3858501.99	0.86005	1.51063	1.07795	0.63066	7.79E-02	0.00639	2E-05	0.00146	0.08581	9.84E-02	0.008066	1.71E-05	0.000853	1.07E-01	0.09697	0.006937	1.4E-05	0.000906	0.104827
1489	495661.06	3858501.99	0.87851	1.5519	1.07642	0.632	7.96E-02	0.00657	2E-05	0.00146	0.08766	1.00E-01	0.008286	1.71E-05	0.000855	1.10E-01	0.099052	0.007127	1.4E-05	0.000908	0.1071
1490	494311.06	3858551.99	1.52257	2.53373	1.89972	0.8969	1.38E-01	0.01072	3.6E-05	0.00208	0.15081	1.74E-01	0.013529	3.02E-05	0.001213	1.89E-01	0.171669	0.011636	2.47E-05	0.001288	0.184618
1491	494361.06	3858551.99	1.57416	2.57173	1.94064	0.90457	1.43E-01	0.01088	3.6E-05	0.0021	0.15566	1.80E-01	0.013732	3.08E-05	0.001223	1.95E-01	0.177486	0.01181	2.52E-05	0.001299	0.190621
1492	494411.06	3858551.99	1.62907	2.65162	1.98449	0.91498	1.48E-01	0.01122	3.7E-05	0.00212	0.161	1.86E-01	0.014158	3.15E-05	0.001237	2.02E-01	0.183677	0.012177	2.58E-05	0.001314	0.197194
1493	494461.06	3858551.99	1.62204	2.67031	1.99192	0.91316	1.47E-01	0.0113	3.7E-05	0.00212	0.16044	1.86E-01	0.014258	3.17E-05	0.001235	2.01E-01	0.182884	0.012263	2.59E-05	0.001311	0.196485
1494	494511.06	3858551.99	1.57342	2.65214	1.95444	0.90321	1.43E-01	0.01122	3.7E-05	0.00209	0.15594	1.80E-01	0.014161	3.11E-05	0.001221	1.95E-01	0.177403	0.01218	2.54E-05	0.001297	0.190905
1495	494561.06	3858551.99	1.53944	2.62853	1.92854	0.89468	1.40E-01	0.01112	3.6E-05	0.00207	0.15274	1.76E-01	0.014035	3.07E-05	0.00121	1.91E-01	0.173571	0.012071	2.5E-05	0.001285	0.186952
1496	494611.06	3858551.99	1.51481	2.58124	1.89249	0.8829	1.37E-01	0.01092	3.5E-05	0.00204	0.15028	1.73E-01	0.013783	3.01E-05	0.001194	1.88E-01	0.170794	0.011854	2.46E-05	0.001268	0.183941
1497	494661.06	3858551.99	1.49978	2.53697	1.86233	0.87629	1.36E-01	0.01073	3.5E-05	0.00203	0.14871	1.72E-01	0.013546	2.96E-05	0.001185	1.86E-01	0.1691	0.011651	2.42E-05	0.001258	0.182033
1498	494711.06	3858551.99	1.4457	2.45244	1.79595	0.86169	1.31E-01	0.01038	3.4E-05	0.002	0.14342	1.65E-01	0.013095	2.85E-05	0.001165	1.80E-01	0.163002	0.011263	2.33E-05	0.001237	0.175525
1499	494761.06	3858551.99	1.40213	2.38178	1.73506	0.84385	1.27E-01	0.01008	3.2E-05	0.00195	0.13913	1.60E-01	0.012718	2.76E-05	0.001141	1.74E-01	0.15809	0.010938	2.25E-05	0.001212	0.170262
1500	494811.06	3858551.99	1.37555	2.3217	1.69073	0.83085	1.25E-01	0.00982	3.2E-05	0.00192	0.13643	1.57E-01	0.012397	2.69E-05	0.001123	1.71E-01	0.155093	0.010662	2.19E-05	0.001193	0.16697
1501	494861.06	3858551.99	1.33342	2.23854	1.62302	0.81062	1.21E-01	0.00947	3E-05	0.00188	0.13222	1.53E-01	0.011953	2.58E-05	0.001096	1.66E-01	0.150343	0.01028	2.11E-05	0.001164	0.161808
1502	494911.06	3858551.99	1.27557	2.14838	1.55281	0.79257	1.16E-01	0.00909	2.9E-05	0.00184	0.12655	1.46E-01	0.011471	2.47E-05	0.001072	1.58E-01	0.14382	0.009866	2.02E-05	0.001138	0.154845
1503	494961.06	3858551.99	1.21491	2.08053	1.49855	0.77833	1.10E-01	0.0088	2.8E-05	0.0018	0.12073	1.39E-01	0.011109	2.38E-05	0.001052	1.51E-01	0.136981	0.009555	1.95E-05	0.001118	0.147672
1504	495011.06	3858551.99	1.15762	1.99569	1.43275	0.75731	1.05E-01	0.00844	2.7E-05	0.00175	0.11513	1.32E-01	0.010656	2.28E-05	0.001024	1.44E-01	0.130521	0.009165	1.86E-05	0.001088	0.140792
1505	495061.06	3858551.99	1.12393	1.96148	1.39541	0.74538	1.02E-01	0.0083	2.6E-05	0.00173	0.1119	1.29E-01	0.010473	2.22E-05	0.001008	1.40E-01	0.126723	0.009008	1.81E-05	0.00107	0.136819
1506	495111.06	3858551.99	1.05764	1.8612	1.31358	0.72237	9.58E-02	0.00787	2.5E-05	0.00167	0.10542	1.21E-01	0.009938	2.09E-05	0.000977	1.32E-01	0.119249	0.008547	1.71E-05	0.001037	0.12885
1507	495161.06	3858551.99	1.02832	1.80211	1.26715	0.70662	9.32E-02	0.00762	2.4E-05	0.00164	0.10247	1.18E-01	0.009622	2.01E-05	0.000955	1.28E-01	0.115943	0.008276	1.64E-05	0.001015	0.12525
1508	495211.06	3858551.99	1.00065	1.74737	1.23165	0.69258	9.07E-02	0.00739	2.3E-05	0.0016	0.0997	1.14E-01	0.00933	1.96E-05	0.000936	1.25E-01	0.112823	0.008025	1.6E-05	0.000995	0.121858
1509	495261.06	3858551.99	0.98422	1.70224	1.20736	0.68396	8.92E-02	0.0072	2.3E-05	0.00158	0.098	1.13E-01	0.009089	1.92E-05	0.000925	1.23E-01	0.11097	0.007817	1.57E-05	0.000982	0.119786
1510	495311.06	3858551.99	0.97956	1.67994	1.20288	0.68111	8.88E-02	0.00711	2.3E-05	0.00158	0.09748	1.12E-01	0.00897	1.91E-05	0.000921	1.22E-01	0.110445	0.007715	1.56E-05	0.000978	0.119154
1511	495361.06	3858551.99	0.96768	1.66427	1.18664	0.67732	8.77E-02	0.00704	2.2E-05	0.00157	0.09632	1.11E-01	0.008886	1.89E-05	0.000916	1.21E-01	0.109106	0.007643	1.54E-05	0.000973	0.117737
1512	495411.06	3858551.99	0.97062	1.65966	1.18273	0.67671	8.80E-02	0.00702	2.2E-05	0.00157	0.09657	1.11E-01	0.008862	1.88E-05	0.000915	1.21E-01	0.109437	0.007622	1.54E-05	0.000972	0.118046
1513	495461.06	3858551.99	0.96343	1.64534	1.17824	0.67277	8.73E-02	0.00696	2.2E-05	0.00156	0.09585	1.10E-01	0.008785	1.87E-05	0.00091	1.20E-01	0.108626	0.007556	1.53E-05	0.000966	0.117164
1514	495511.06	3858551.99	0.96803	1.64214	1.17481	0.67236	8.77E-02	0.00695	2.2E-05	0.00156	0.09625	1.11E-01	0.008768	1.87E-05	0.000909	1.20E-01	0.109145	0.007541	1.52E-05	0.000966	0.117667
1515	495561.06	3858551.99	0.95705	1.63817	1.15762	0.66927	8.67E-02	0.00693	2.2E-05	0.00155	0.09523	1.09E-01	0.008747	1.84E-05	0.000905	1.19E-01	0.107907	0.007523	1.5E-05	0.000961	0.116406
1516	495611.06	3858551.99	0.94724	1.623	1.14681	0.66221	8.58E-02	0.00687	2.1E-05	0.00153	0.09426	1.08E-01	0.008666	1.82E-05	0.000895	1.18E-01	0.106801	0.007453	1.49E-05	0.000951	0.11522
1517	495661.06	3858551.99	0.93516	1.61179	1.13581	0.6571	8.47E-02	0.00682	2.1E-05	0.00152	0.09311	1.07E-01	0.008606	1.81E-05	0.000888	1.16E-01	0.105439	0.007402	1.47E-05	0.000944	0.113799
1518	494311.06	3858601.99	1.4189	2.3798	1.7288	0.86471	1.29E-01	0.01007	3.2E-05	0.002	0.14069	1.62E-01	0.012707	2.75E-05	0.001169	1.76E-01	0.15998	0.010929	2.24E-05	0.001242	0.172174
1519	494361.06	3858601.99	1.59691	2.66311	1.99467	0.92535	1.45E-01	0.01127	3.7E-05	0.00214	0.15816	1.83E-01	0.01422	3.17E-05	0.001251	1.98E-01	0.180051	0.01223	2.59E-05	0.001329	0.193636
1520	494411.06	3858601.99	1.78253	2.97416	2.21794	0.97697	1.62E-01	0.01258	4.2E-05	0.00226	0.17642	2.04E-01	0.015881	3.53E-05	0.001321	2.21E-01	0.20098	0.013658	2.88E-05	0.001403	0.21607
1521	494461.06	3858601.99	1.78943	2.95339	2.22216	0.97685	1.62E-01	0.01249	4.2E-05	0.00226	0.17696	2.05E-01	0.01577	3.53E-05	0.001321	2.22E-01	0.201758	0.013563	2.88E-05	0.001403	0.216752

1522	494511.06	3858601.99	1.75132	2.86553	2.15603	0.95059	1.59E-01	0.01212	4E-05	0.0022	0.17307	2.00E-01	0.015301	3.43E-05	0.001285	2.17E-01	0.197461	0.01316	2.8E-05	0.001365	0.212013
1523	494561.06	3858601.99	1.74839	2.91295	2.16555	0.96119	1.58E-01	0.01232	4.1E-05	0.00223	0.17303	2.00E-01	0.015554	3.44E-05	0.0013	2.17E-01	0.19713	0.013377	2.81E-05	0.00138	0.211916
1524	494611.06	3858601.99	1.69721	2.79531	2.09829	0.94216	1.54E-01	0.01183	3.9E-05	0.00218	0.16785	1.94E-01	0.014926	3.33E-05	0.001274	2.10E-01	0.19136	0.012837	2.72E-05	0.001353	0.205577
1525	494661.06	3858601.99	1.64845	2.72058	2.05673	0.92814	1.49E-01	0.01151	3.9E-05	0.00215	0.16308	1.89E-01	0.014527	3.27E-05	0.001255	2.04E-01	0.185862	0.012494	2.67E-05	0.001333	0.199716
1526	494711.06	3858601.99	1.57896	2.63329	1.98876	0.90752	1.43E-01	0.01114	3.7E-05	0.0021	0.15637	1.81E-01	0.014061	3.16E-05	0.001227	1.96E-01	0.178027	0.012093	2.58E-05	0.001303	0.191449
1527	494761.06	3858601.99	1.53194	2.56884	1.92019	0.8861	1.39E-01	0.01087	3.6E-05	0.00205	0.15178	1.75E-01	0.013716	3.05E-05	0.001198	1.90E-01	0.172726	0.011797	2.49E-05	0.001272	0.18582
1528	494811.06	3858601.99	1.45989	2.45553	1.80959	0.86093	1.32E-01	0.01039	3.4E-05	0.00199	0.14471	1.67E-01	0.013111	2.88E-05	0.001164	1.81E-01	0.164602	0.011277	2.35E-05	0.001236	0.177139
1529	494861.06	3858601.99	1.41655	2.38266	1.76486	0.85186	1.28E-01	0.01008	3.3E-05	0.00197	0.14046	1.62E-01	0.012722	2.8E-05	0.001152	1.76E-01	0.159716	0.010942	2.29E-05	0.001223	0.171904
1530	494911.06	3858601.99	1.35952	2.2573	1.68016	0.82788	1.23E-01	0.00955	3.1E-05	0.00192	0.1347	1.55E-01	0.012053	2.67E-05	0.001119	1.69E-01	0.153285	0.010366	2.18E-05	0.001189	0.164862
1531	494961.06	3858601.99	1.32848	2.19877	1.62397	0.8087	1.20E-01	0.0093	3E-05	0.00187	0.1316	1.52E-01	0.01174	2.58E-05	0.001093	1.65E-01	0.149786	0.010098	2.11E-05	0.001161	0.161066
1532	495011.06	3858601.99	1.27915	2.12059	1.56305	0.79141	1.16E-01	0.00897	2.9E-05	0.00183	0.12675	1.46E-01	0.011323	2.48E-05	0.00107	1.59E-01	0.144224	0.009739	2.03E-05	0.001137	0.155119
1533	495061.06	3858601.99	1.22696	2.06226	1.50046	0.77496	1.11E-01	0.00872	2.8E-05	0.00179	0.12174	1.40E-01	0.011011	2.38E-05	0.001048	1.52E-01	0.138339	0.009471	1.95E-05	0.001113	0.148942
1534	495111.06	3858601.99	1.1358	1.93878	1.4055	0.74786	1.03E-01	0.0082	2.6E-05	0.00173	0.11289	1.30E-01	0.010352	2.23E-05	0.001011	1.41E-01	0.128061	0.008904	1.82E-05	0.001074	0.138057
1535	495161.06	3858601.99	1.1016	1.89526	1.36043	0.7379	9.98E-02	0.00802	2.5E-05	0.00171	0.10958	1.26E-01	0.01012	2.16E-05	0.000998	1.37E-01	0.124205	0.008704	1.77E-05	0.00106	0.133986
1536	495211.06	3858601.99	1.07904	1.88154	1.33417	0.72934	9.78E-02	0.00796	2.5E-05	0.00169	0.10746	1.23E-01	0.010047	2.12E-05	0.000986	1.34E-01	0.121661	0.008641	1.73E-05	0.001047	0.131367
1537	495261.06	3858601.99	1.05238	1.85376	1.31304	0.71994	9.54E-02	0.00784	2.5E-05	0.00167	0.1049	1.20E-01	0.009898	2.09E-05	0.000973	1.31E-01	0.118655	0.008513	1.7E-05	0.001034	0.12822
1538	495311.06	3858601.99	1.04012	1.84077	1.29172	0.71172	9.43E-02	0.00779	2.4E-05	0.00165	0.10372	1.19E-01	0.009829	2.05E-05	0.000962	1.30E-01	0.117273	0.008453	1.68E-05	0.001022	0.126766
1539	495361.06	3858601.99	1.04105	1.83031	1.28155	0.70632	9.43E-02	0.00774	2.4E-05	0.00164	0.10375	1.19E-01	0.009773	2.04E-05	0.000955	1.30E-01	0.117378	0.008405	1.66E-05	0.001014	0.126814
1540	495411.06	3858601.99	1.0411	1.81418	1.27449	0.70341	9.43E-02	0.00767	2.4E-05	0.00163	0.10367	1.19E-01	0.009687	2.03E-05	0.000951	1.30E-01	0.117384	0.008331	1.65E-05	0.00101	0.126742
1541	495461.06	3858601.99	1.04696	1.80011	1.27328	0.70254	9.49E-02	0.00762	2.4E-05	0.00163	0.10414	1.20E-01	0.009612	2.02E-05	0.00095	1.30E-01	0.118044	0.008267	1.65E-05	0.001009	0.127337
1542	495511.06	3858601.99	1.035	1.7639	1.25226	0.69684	9.38E-02	0.00746	2.3E-05	0.00161	0.10289	1.18E-01	0.009418	1.99E-05	0.000942	1.29E-01	0.116696	0.0081	1.63E-05	0.001001	0.125813
1543	495561.06	3858601.99	1.0415	1.75432	1.25245	0.69676	9.44E-02	0.00742	2.3E-05	0.00161	0.10344	1.19E-01	0.009367	1.99E-05	0.000942	1.29E-01	0.117429	0.008056	1.63E-05	0.001001	0.126502
1544	495611.06	3858601.99	1.01924	1.71057	1.22841	0.68925	9.24E-02	0.00724	2.3E-05	0.0016	0.10122	1.17E-01	0.009134	1.95E-05	0.000932	1.27E-01	0.114919	0.007856	1.59E-05	0.00099	0.12378
1545	495661.06	3858601.99	1.01875	1.69912	1.22744	0.68868	9.23E-02	0.00719	2.3E-05	0.0016	0.10113	1.17E-01	0.009072	1.95E-05	0.000931	1.27E-01	0.114864	0.007803	1.59E-05	0.000989	0.123672
1546	494311.06	3858651.99	1.45068	2.3691	1.76348	0.87827	1.31E-01	0.01002	3.3E-05	0.00203	0.14355	1.66E-01	0.01265	2.8E-05	0.001188	1.80E-01	0.163564	0.01088	2.29E-05	0.001261	0.175728
1547	494361.06	3858651.99	1.61696	2.65327	2.03041	0.94091	1.47E-01	0.01122	3.8E-05	0.00218	0.15997	1.85E-01	0.014167	3.23E-05	0.001272	2.00E-01	0.182312	0.012185	2.64E-05	0.001351	0.195874
1548	494411.06	3858651.99	1.87517	3.08027	2.41308	1.01927	1.70E-01	0.01303	4.5E-05	0.00236	0.18537	2.14E-01	0.016447	3.84E-05	0.001378	2.32E-01	0.211425	0.014146	3.13E-05	0.001464	0.227066
1549	494461.06	3858651.99	1.91961	3.20468	2.4535	1.03017	1.74E-01	0.01356	4.6E-05	0.00239	0.18995	2.20E-01	0.017111	3.9E-05	0.001393	2.38E-01	0.216435	0.014717	3.18E-05	0.001479	0.232664
1550	494511.06	3858651.99	1.89835	3.15561	2.41818	1.02228	1.72E-01	0.01335	4.5E-05	0.00237	0.1878	2.17E-01	0.016849	3.84E-05	0.001382	2.35E-01	0.214038	0.014492	3.14E-05	0.001468	0.230029
1551	494561.06	3858651.99	1.88667	3.17295	2.41165	1.01876	1.71E-01	0.01342	4.5E-05	0.00236	0.1868	2.16E-01	0.016942	3.83E-05	0.001377	2.34E-01	0.212721	0.014571	3.13E-05	0.001463	0.228787
1552	494611.06	3858651.99	1.8655	3.13767	2.37707	1.00528	1.69E-01	0.01327	4.4E-05	0.00233	0.1847	2.13E-01	0.016754	3.78E-05	0.001359	2.32E-01	0.210334	0.014409	3.09E-05	0.001444	0.226218
1553	494661.06	3858651.99	1.81784	3.041	2.30071	0.9869	1.65E-01	0.01286	4.3E-05	0.00229	0.17993	2.08E-01	0.016237	3.66E-05	0.001334	2.26E-01	0.204961	0.013965	2.99E-05	0.001417	0.220373
1554	494711.06	3858651.99	1.7508	2.93002	2.19677	0.96479	1.59E-01	0.0124	4.1E-05	0.00223	0.17333	2.00E-01	0.015645	3.49E-05	0.001305	2.17E-01	0.197402	0.013456	2.85E-05	0.001385	0.212272
1555	494761.06	3858651.99	1.69944	2.80655	2.12402	0.9451	1.54E-01	0.01187	4E-05	0.00219	0.16811	1.94E-01	0.014986	3.38E-05	0.001278	2.11E-01	0.191611	0.012889	2.76E-05	0.001357	0.205885
1556	494811.06	3858651.99	1.6028	2.64877	2.01539	0.91556	1.45E-01	0.01121	3.8E-05	0.00212	0.15861	1.83E-01	0.014143	3.2E-05	0.001238	1.99E-01	0.180715	0.012164	2.62E-05	0.001315	0.19422
1557	494861.06	3858651.99	1.52126	2.51209	1.92912	0.88945	1.38E-01	0.01063	3.6E-05	0.00206	0.15058	1.74E-01	0.013413	3.07E-05	0.001203	1.89E-01	0.171522	0.011536	2.5E-05	0.001277	0.18436
1558	494911.06	3858651.99	1.46071	2.40773	1.82605	0.86162	1.32E-01	0.01019	3.4E-05	0.002	0.14459	1.67E-01	0.012856	2.9E-05	0.001165	1.81E-01	0.164695	0.011057	2.37E-05	0.001237	0.177013
1559	494961.06	3858651.99	1.40461	2.31441	1.74293	0.84237	1.27E-01	0.00979	3.3E-05	0.00195	0.13906	1.61E-01	0.012358	2.77E-05	0.001139	1.74E-01	0.158369	0.010629	2.26E-05	0.00121	0.17023
1560	495011.06	3858651.99	1.35714	2.24583	1.68875	0.82852	1.23E-01	0.0095	3.2E-05	0.00192	0.13444	1.55E-01	0.011992	2.68E-05	0.00112	1.68E-01	0.153017	0.010314	2.19E-05	0.00119	0.164542
1561	495061.06	3858651.99	1.31887	2.16957	1.62275	0.80754	1.20E-01	0.00918	3E-05	0.00187	0.1306	1.51E-01	0.011584	2.58E-05	0.001092	1.64E-01	0.148702	0.009963	2.11E-05	0.00116	0.159846
1562	495111.06	3858651.99	1.26538	2.07928	1.5474	0.78489	1.15E-01	0.0088	2.9E-05	0.00182	0.12531	1.45E-01	0.011102	2.46E-05	0.001061	1.57E-01	0.142671	0.009549	2.01E-05	0.001127	0.153367
1563	495161.06	3858651.99	1.22439	2.01069	1.50303	0.77291	1.11E-01	0.00851	2.8E-05	0.00179	0.12128	1.40E-01	0.010736	2.39E-05	0.001045	1.52E-01	0.13805	0.009234	1.95E-05	0.00111	0.148413
1564	495211.06	3858651.99	1.17234	1.96226	1.44474	0.75656	1.06E-01	0.0083	2.7E-05	0.00175	0.11632	1.34E-01	0.010478	2.3E-05	0.001023	1.46E-01	0.132181	0.009011	1.88E-05	0.001086	0.142298
1565	495261.06	3858651.99	1.15762	1.94727	1.43544	0.7539	1.05E-01	0.00824	2.7E-05	0.00175	0.11492	1.32E-01	0.010397	2.28E-05	0.001019	1.44E-01	0.130521	0.008943	1.86E-05	0.001083	0.140565
1566	495311.06	3858651.99	1.14459	1.93385	1.41726	0.74755	1.04E-01	0.00818	2.7E-05	0.00173	0.11366	1.31E-01	0.010326	2.25E-05	0.001011	1.42E-01	0.129052	0.008881	1.84E-05	0.001074	0.139025
1567	495361.06	3858651.99	1.13692	1.9423	1.41058	0.74242	1.03E-01	0.00822	2.6E-05	0.00172	0.11299	1.30E-01	0.010371	2.24E-05	0.001004	1.41E-01	0.128187	0.00892	1.83E-05	0.001066	0.138192
1568	495411.06	3858651.99	1.14003	1.95481	1.40622	0.74017	1.03E-01	0.00827	2.6E-05	0.00171	0.11332	1.30E-01	0.010438	2.23E-05	0.001001	1.42E-01	0.128538	0.008977	1.83E-05	0.001063	0.138596
1569	495461.06	3858651.99	1.14983	1.96252	1.41122	0.74035	1.04E-01	0.0083	2.6E-05	0.00171	0.11424	1.32E-01	0.010479	2.24E-05	0.001001	1.43E-01	0.129643	0.009013	1.83E-05	0.001063	0.139737
1570	495511.06	3858651.99	1.1233	1.93609	1.3841	0.72937	1.02E-01	0.00819	2.6E-05	0.00169	0.1117	1.28E-01	0.010338	2.2E-05	0.000986	1.40E-01	0.126652	0.008891	1.8E-05	0.001047	0.136608
1571	495561.06	3858651.99	1.12044	1.91572	1.3661	0.72505	1.02E-01	0.0081	2.6E-05	0.00168	0.11135	1.28E-01	0.010229	2.17E-05	0.00098	1.39E-01	0.126329	0.008798	1.77E-05	0.001041	0.136186
1572	495611.06	3858651.99	1.09702	1.87631	1.33302	0.71717	9.94E-02	0.00794	2.5E-05	0.00166	0.10904	1.25E-01	0.010019	2.12E-05	0.00097	1.36E-01	0.123689	0.008617	1.73E-05	0.00103	0.133353
1573	495661.06	3858651.99	1.09931	1.86368	1.32766	0.71552	9.96E-02	0.00788	2.5E-05	0.00166	0.10919	1.26E-01	0.009951	2.11E-05	0.000967	1.37E-01	0.123947	0.008559	1.72E-05	0.001028	0.13355
1574	494311.06	3858701.99	1.5597	2.49893	1.94017	0.91709	1.41E-01	0.01057	3.6E-05	0.00212	0.15408	1.78E-01	0.013343	3.08E-05	0.00124	1.93E-01	0.175856	0.011476	2.52E-05	0.001317	0.188674
1575	494361.06	3858701.99	1.82753	2.93067	2.36359	1.01393	1.66E-01	0.0124	4.4E-05	0.00235	0.18041	2.09E-01	0.015648	3.76E-05	0.001371	2.26E-01	0.206053	0.013459	3.07E-05	0.001456	0.220999
1576	494411.06	3858701.99	2.00969	3.2462	2.64164	1.07476	1.82E-01	0.01373	4.9E-05	0.00249	0.19839	2.30E-01	0.017333	4.2E-05	0.001453	2.49E-01	0.226592	0.014908	3.43E-05	0.001543	0.243077
1577	494461.06	3858701.99	2.00969	3.28888	2.62651	1.07862	1.82E-01	0.01391	4.9E-05	0.0025	0.19858	2.30E-01	0.017561	4.17E-05	0.001458	2.49E-01	0.226592	0.015104	3.41E-05	0.001549	0.243279
1578	494511.06	3858701.99	2.02411	3.4263	2.62944	1.08734	1.83E-01	0.01449	4.9E-05	0.00252	0.20049	2.32E-01	0.018295	4.18E-05	0.00147	2.51E-01	0.228218	0.015735	3.41E-05	0.001561	0.245548
1579	494561.06	3858701.99	2.01157	3.44101	2.60131	1.07827	1.82E-01	0.01456	4.9E-05	0.0025	0.1994	2.30E-01	0.018373	4.13E-05	0.001458	2.50E-01	0.226804	0.015802	3.38E-05	0.001548	0.244188
1580	494611.06	3858701.99	1.93719	3.29001	2.50087	1.0428	1.76E-01	0.01392	4.7E-05	0.00242	0.19193	2.22E-01	0.017567	3.97E-05	0.00141	2.41E-01	0.218418	0.015109	3.25E-05	0.001498	0.235056
1581	494661.06	3858701.99	1.93794	3.27326	2.52086	1.04606	1.76E-01	0.01385	4.7E-05	0.00242	0.19194	2.22E-01	0.017478	4.01E-05	0.001414	2.41E-01	0.218502	0.015032	3.27E-05	0.001502	0.235069
1582	494711.06	3858701.99	1.77203	2.89567	2.23868	0.97337	1.61E-01	0.01225	4.2E-05	0.00225	0.17513	2.03E-01	0.015461	3.56E-05	0.001316	2.19E-01	0.199796	0.013298	2.91E-05	0.001398	0.214521

1583	494761.06	3858701.99	1.81859	3.00879	2.31453	0.98805	1.65E-01	0.01273	4.3E-05	0.00229	0.17986	2.08E-01	0.016065	3.68E-05	0.001336	2.25E-01	0.205045	0.013817	3E-05	0.001419	0.220312
1584	494811.06	3858701.99	1.73969	2.87204	2.19466	0.96137	1.58E-01	0.01215	4.1E-05	0.00223	0.17207	1.99E-01	0.015335	3.49E-05	0.0013	2.16E-01	0.196149	0.013189	2.85E-05	0.001381	0.210748
1585	494861.06	3858701.99	1.67756	2.75597	2.08377	0.93858	1.52E-01	0.01166	3.9E-05	0.00217	0.1659	1.92E-01	0.014716	3.31E-05	0.001269	2.08E-01	0.189144	0.012656	2.7E-05	0.001348	0.203176
1586	494911.06	3858701.99	1.61269	2.63093	2.01318	0.9163	1.46E-01	0.01113	3.8E-05	0.00212	0.15944	1.84E-01	0.014048	3.2E-05	0.001239	2.00E-01	0.18183	0.012082	2.61E-05	0.001316	0.195254
1587	494961.06	3858701.99	1.48094	2.45777	1.87128	0.87575	1.34E-01	0.0104	3.5E-05	0.00203	0.14667	1.69E-01	0.013123	2.97E-05	0.001184	1.84E-01	0.166975	0.011287	2.43E-05	0.001258	0.179544
1588	495011.06	3858701.99	1.4202	2.36719	1.78983	0.85159	1.29E-01	0.01001	3.4E-05	0.00197	0.14072	1.62E-01	0.01264	2.84E-05	0.001151	1.76E-01	0.160127	0.010871	2.32E-05	0.001223	0.172244
1589	495061.06	3858701.99	1.40672	2.32071	1.75909	0.84311	1.27E-01	0.00982	3.3E-05	0.00195	0.13928	1.61E-01	0.012391	2.8E-05	0.00114	1.74E-01	0.158607	0.010658	2.28E-05	0.001211	0.170498
1590	495111.06	3858701.99	1.33688	2.21246	1.66771	0.82029	1.21E-01	0.00936	3.1E-05	0.0019	0.13244	1.53E-01	0.011813	2.65E-05	0.001109	1.66E-01	0.150733	0.01016	2.16E-05	0.001178	0.162093
1591	495161.06	3858701.99	1.31219	2.15708	1.63137	0.8073	1.19E-01	0.00913	3.1E-05	0.00187	0.12994	1.50E-01	0.011518	2.59E-05	0.001092	1.63E-01	0.147949	0.009906	2.12E-05	0.001159	0.159036
1592	495211.06	3858701.99	1.28169	2.08327	1.57479	0.79109	1.16E-01	0.00881	2.9E-05	0.00183	0.12682	1.47E-01	0.011124	2.5E-05	0.00107	1.59E-01	0.14451	0.009567	2.04E-05	0.001136	0.155234
1593	495261.06	3858701.99	1.28076	2.06701	1.56875	0.7886	1.16E-01	0.00874	2.9E-05	0.00183	0.12667	1.46E-01	0.011037	2.49E-05	0.001066	1.59E-01	0.144405	0.009492	2.04E-05	0.001132	0.155051
1594	495311.06	3858701.99	1.27118	2.06902	1.56225	0.78688	1.15E-01	0.00875	2.9E-05	0.00182	0.1258	1.45E-01	0.011048	2.48E-05	0.001064	1.58E-01	0.143325	0.009502	2.03E-05	0.00113	0.153977
1595	495361.06	3858701.99	1.25412	2.05439	1.54323	0.78134	1.14E-01	0.00869	2.9E-05	0.00181	0.12418	1.43E-01	0.010969	2.45E-05	0.001056	1.55E-01	0.141402	0.009435	2E-05	0.001122	0.151978
1596	495411.06	3858701.99	1.24812	2.07195	1.54566	0.78125	1.13E-01	0.00877	2.9E-05	0.00181	0.12371	1.43E-01	0.011063	2.46E-05	0.001056	1.55E-01	0.140725	0.009515	2.01E-05	0.001122	0.151382
1597	495461.06	3858701.99	1.25107	2.03296	1.53074	0.77802	1.13E-01	0.0086	2.9E-05	0.0018	0.12381	1.43E-01	0.010855	2.43E-05	0.001052	1.55E-01	0.141058	0.009336	1.99E-05	0.001117	0.151531
1598	495511.06	3858701.99	1.23623	2.01945	1.50916	0.77074	1.12E-01	0.00854	2.8E-05	0.00179	0.12239	1.41E-01	0.010783	2.4E-05	0.001042	1.53E-01	0.139385	0.009274	1.96E-05	0.001107	0.149785
1599	495561.06	3858701.99	1.22094	2.00488	1.48347	0.76149	1.11E-01	0.00848	2.8E-05	0.00176	0.12092	1.40E-01	0.010705	2.36E-05	0.00103	1.51E-01	0.137661	0.009207	1.93E-05	0.001094	0.147981
1600	495611.06	3858701.99	1.19851	1.98423	1.45691	0.75322	1.09E-01	0.00839	2.7E-05	0.00174	0.11878	1.37E-01	0.010595	2.32E-05	0.001018	1.49E-01	0.135132	0.009112	1.89E-05	0.001082	0.145344
1601	495661.06	3858701.99	1.19042	1.97851	1.44339	0.746	1.08E-01	0.00837	2.7E-05	0.00173	0.118	1.36E-01	0.010564	2.29E-05	0.001009	1.48E-01	0.134219	0.009086	1.87E-05	0.001071	0.144396
1602	494311.06	3858751.99	1.7105	2.70875	2.16904	0.97121	1.55E-01	0.01146	4.1E-05	0.00225	0.16876	1.96E-01	0.014463	3.45E-05	0.001313	2.11E-01	0.192858	0.01244	2.82E-05	0.001395	0.206721
1603	494361.06	3858751.99	2.02933	3.24365	2.70586	1.09422	1.84E-01	0.01372	5.1E-05	0.00253	0.20021	2.32E-01	0.01732	4.3E-05	0.00148	2.51E-01	0.228806	0.014896	3.51E-05	0.001571	0.245309
1604	494411.06	3858751.99	2.16898	3.47063	2.93047	1.15237	1.97E-01	0.01468	5.5E-05	0.00267	0.21396	2.48E-01	0.018532	4.66E-05	0.001558	2.68E-01	0.244552	0.015938	3.8E-05	0.001655	0.262183
1605	494461.06	3858751.99	2.19292	3.42757	2.93312	1.15861	1.99E-01	0.0145	5.5E-05	0.00268	0.21597	2.51E-01	0.018302	4.66E-05	0.001567	2.71E-01	0.247251	0.015741	3.81E-05	0.001664	0.264694
1606	494511.06	3858751.99	2.19779	3.48954	2.96245	1.17433	1.99E-01	0.01476	5.5E-05	0.00272	0.21671	2.51E-01	0.018632	4.71E-05	0.001588	2.72E-01	0.2478	0.016025	3.85E-05	0.001686	0.26555
1607	494561.06	3858751.99	2.1398	3.43724	2.88034	1.14169	1.94E-01	0.01454	5.4E-05	0.00264	0.21115	2.45E-01	0.018353	4.58E-05	0.001544	2.65E-01	0.241262	0.015785	3.74E-05	0.00164	0.258724
1608	494611.06	3858751.99	2.07507	3.35292	2.75406	1.10793	1.88E-01	0.01418	5.2E-05	0.00257	0.20485	2.37E-01	0.017903	4.38E-05	0.001498	2.57E-01	0.233963	0.015398	3.57E-05	0.001591	0.250988
1609	494661.06	3858751.99	2.04801	3.34417	2.70915	1.09808	1.86E-01	0.01415	5.1E-05	0.00254	0.20234	2.34E-01	0.017856	4.31E-05	0.001485	2.54E-01	0.230912	0.015358	3.52E-05	0.001577	0.247882
1610	494711.06	3858751.99	1.95766	3.20201	2.54234	1.04836	1.77E-01	0.01355	4.8E-05	0.00243	0.19343	2.24E-01	0.017097	4.04E-05	0.001417	2.42E-01	0.220725	0.014705	3.3E-05	0.001506	0.236969
1611	494761.06	3858751.99	1.93468	3.25853	2.50685	1.04585	1.75E-01	0.01379	4.7E-05	0.00242	0.19158	2.21E-01	0.017399	3.98E-05	0.001414	2.40E-01	0.218135	0.014964	3.25E-05	0.001502	0.234633
1612	494811.06	3858751.99	1.85834	3.11044	2.38914	1.00866	1.68E-01	0.01316	4.5E-05	0.00234	0.18395	2.13E-01	0.016608	3.8E-05	0.001364	2.31E-01	0.209527	0.014284	3.1E-05	0.001448	0.225291
1613	494861.06	3858751.99	1.7914	2.9727	2.28537	0.97979	1.62E-01	0.01258	4.3E-05	0.00227	0.17723	2.05E-01	0.015873	3.63E-05	0.001325	2.22E-01	0.20198	0.013652	2.97E-05	0.001407	0.217068
1614	494911.06	3858751.99	1.70964	2.79845	2.15455	0.9504	1.55E-01	0.01184	4E-05	0.0022	0.16901	1.96E-01	0.014942	3.42E-05	0.001285	2.12E-01	0.192761	0.012852	2.8E-05	0.001365	0.207006
1615	494961.06	3858751.99	1.65448	2.67888	2.0597	0.92754	1.50E-01	0.01133	3.9E-05	0.00215	0.16345	1.89E-01	0.014304	3.27E-05	0.001254	2.05E-01	0.186542	0.012302	2.67E-05	0.001332	0.200203
1616	495011.06	3858751.99	1.6031	2.61156	1.9967	0.91199	1.45E-01	0.01105	3.7E-05	0.00211	0.15847	1.83E-01	0.013944	3.17E-05	0.001233	1.99E-01	0.180749	0.011993	2.59E-05	0.00131	0.194078
1617	495061.06	3858751.99	1.52485	2.49086	1.9176	0.88795	1.38E-01	0.01054	3.6E-05	0.00206	0.15082	1.74E-01	0.0133	3.05E-05	0.001201	1.89E-01	0.171926	0.011439	2.49E-05	0.001275	0.184665
1618	495111.06	3858751.99	1.43736	2.37465	1.82158	0.86139	1.30E-01	0.01005	3.4E-05	0.002	0.14233	1.64E-01	0.012679	2.9E-05	0.001165	1.78E-01	0.162062	0.010905	2.36E-05	0.001237	0.174228
1619	495161.06	3858751.99	1.40893	2.33285	1.77278	0.84629	1.28E-01	0.00987	3.3E-05	0.00196	0.13954	1.61E-01	0.012456	2.82E-05	0.001144	1.75E-01	0.158856	0.010713	2.3E-05	0.001215	0.170808
1620	495211.06	3858751.99	1.37057	2.26182	1.71595	0.83101	1.24E-01	0.00957	3.2E-05	0.00192	0.13573	1.57E-01	0.012077	2.73E-05	0.001124	1.70E-01	0.154531	0.010387	2.23E-05	0.001193	0.166134
1621	495261.06	3858751.99	1.3593	2.2456	1.70027	0.82678	1.23E-01	0.0095	3.2E-05	0.00191	0.13463	1.55E-01	0.01199	2.7E-05	0.001118	1.69E-01	0.153261	0.010313	2.21E-05	0.001187	0.164783
1622	495311.06	3858751.99	1.35705	2.22993	1.69267	0.82451	1.23E-01	0.00943	3.2E-05	0.00191	0.13435	1.55E-01	0.011907	2.69E-05	0.001115	1.68E-01	0.153007	0.010241	2.2E-05	0.001184	0.164454
1623	495361.06	3858751.99	1.3517	2.19847	1.67708	0.81975	1.22E-01	0.0093	3.1E-05	0.0019	0.13372	1.55E-01	0.011739	2.67E-05	0.001108	1.67E-01	0.152404	0.010096	2.18E-05	0.001177	0.163699
1624	495411.06	3858751.99	1.36611	2.2181	1.69418	0.82147	1.24E-01	0.00938	3.2E-05	0.0019	0.13512	1.56E-01	0.011844	2.69E-05	0.001111	1.69E-01	0.154028	0.010186	2.2E-05	0.00118	0.165416
1625	495461.06	3858751.99	1.35536	2.21062	1.68322	0.81782	1.23E-01	0.00935	3.2E-05	0.00189	0.1341	1.55E-01	0.011804	2.68E-05	0.001106	1.68E-01	0.152816	0.010152	2.18E-05	0.001174	0.164165
1626	495511.06	3858751.99	1.33936	2.18219	1.65245	0.81066	1.21E-01	0.00923	3.1E-05	0.00188	0.13252	1.53E-01	0.011652	2.63E-05	0.001096	1.66E-01	0.151012	0.010021	2.14E-05	0.001164	0.162219
1627	495561.06	3858751.99	1.31584	2.14333	1.6256	0.80236	1.19E-01	0.00907	3E-05	0.00186	0.1302	1.51E-01	0.011444	2.58E-05	0.001085	1.63E-01	0.148361	0.009843	2.11E-05	0.001152	0.159377
1628	495611.06	3858751.99	1.29285	2.10903	1.59354	0.79373	1.17E-01	0.00892	3E-05	0.00184	0.12795	1.48E-01	0.011261	2.53E-05	0.001073	1.60E-01	0.145768	0.009685	2.07E-05	0.00114	0.156614
1629	495661.06	3858751.99	1.28024	2.08659	1.56975	0.7869	1.16E-01	0.00883	2.9E-05	0.00182	0.1267	1.46E-01	0.011141	2.49E-05	0.001064	1.59E-01	0.144347	0.009582	2.04E-05	0.00113	0.155079
1630	494311.06	3858801.99	1.92849	3.12417	2.45251	1.06273	1.75E-01	0.01322	4.6E-05	0.00246	0.19049	2.21E-01	0.016682	3.9E-05	0.001437	2.39E-01	0.217437	0.014347	3.18E-05	0.001526	0.233342
1631	494361.06	3858801.99	2.23419	3.72912	3.01551	1.18331	2.02E-01	0.01578	5.6E-05	0.00274	0.22104	2.56E-01	0.019912	4.79E-05	0.0016	2.77E-01	0.251904	0.017126	3.91E-05	0.001699	0.270768
1632	494411.06	3858801.99	2.30289	3.88483	3.17159	1.2215	2.09E-01	0.01643	5.9E-05	0.00283	0.22802	2.63E-01	0.020743	5.04E-05	0.001652	2.86E-01	0.25965	0.017841	4.12E-05	0.001754	0.279286
1633	494461.06	3858801.99	2.33179	3.97516	3.23784	1.24066	2.11E-01	0.01682	6.1E-05	0.00287	0.23106	2.67E-01	0.021225	5.15E-05	0.001678	2.90E-01	0.262909	0.018255	4.2E-05	0.001782	0.282988
1634	494511.06	3858801.99	2.37254	4.00788	3.26084	1.26486	2.15E-01	0.01696	6.1E-05	0.00293	0.23495	2.71E-01	0.0214	5.18E-05	0.00171	2.95E-01	0.267503	0.018406	4.23E-05	0.001816	0.287767
1635	494561.06	3858801.99	2.37035	3.91454	3.22867	1.25535	2.15E-01	0.01656	6E-05	0.00291	0.23433	2.71E-01	0.020902	5.13E-05	0.001697	2.94E-01	0.267256	0.017977	4.19E-05	0.001803	0.287078
1636	494611.06	3858801.99	2.31951	3.76561	3.15436	1.2346	2.10E-01	0.01593	5.9E-05	0.00286	0.22905	2.65E-01	0.020107	5.01E-05	0.001669	2.87E-01	0.261524	0.017293	4.09E-05	0.001773	0.280631
1637	494661.06	3858801.99	2.23133	3.61056	3.0355	1.19915	2.02E-01	0.01527	5.7E-05	0.00278	0.22032	2.55E-01	0.019279	4.82E-05	0.001621	2.76E-01	0.251582	0.016581	3.94E-05	0.001722	0.269924
1638	494711.06	3858801.99	2.13373	3.40168	2.88559	1.15451	1.93E-01	0.01439	5.4E-05	0.00267	0.21048	2.44E-01	0.018163	4.59E-05	0.001561	2.64E-01	0.240577	0.015622	3.75E-05	0.001658	0.257894
1639	494761.06	3858801.99	2.03576	3.20355	2.70048	1.10315	1.84E-01	0.01355	5.1E-05	0.00256	0.20064	2.33E-01	0.017105	4.29E-05	0.001492	2.51E-01	0.229531	0.014712	3.51E-05	0.001584	0.245862
1640	494811.06	3858801.99	1.93933	3.05374	2.51853	1.05458	1.76E-01	0.01292	4.7E-05	0.00244	0.19115	2.22E-01	0.016306	4E-05	0.001426	2.40E-01	0.218659	0.014024	3.27E-05	0.001514	0.23423
1641	494861.06	3858801.99	1.89624	2.99651	2.45312	1.03125	1.72E-01	0.01268	4.6E-05	0.00239	0.18695	2.17E-01	0.016	3.9E-05	0.001394	2.34E-01	0.2138	0.013761	3.18E-05	0.001481	0.229074
1642	494911.06	3858801.99	1.81868	2.91147	2.34376	0.9961	1.65E-01	0.01232	4.4E-05	0.00231	0.17948	2.08E-01	0.015546	3.72E-05	0.001347	2.25E-01	0.205056	0.013371	3.04E-05	0.00143	0.219887
1643	494961.06	3858801.99	1.76345	2.87836	2.26597	0.9743	1.60E-01	0.01218	4.2E-05	0.00226	0.17428	2.02E-01	0.015369	3.6E-05	0.001317	2.18E-01	0.198828	0.013218	2.94E-05	0.001399	0.213475

1644	495011.06	3858801.99	1.70907	2.77942	2.1728	0.95166	1.55E-01	0.01176	4.1E-05	0.0022	0.16888	1.95E-01	0.014841	3.45E-05	0.001287	2.12E-01	0.192697	0.012764	2.82E-05	0.001367	0.206856
1645	495061.06	3858801.99	1.68196	2.74584	2.12143	0.9387	1.52E-01	0.01162	4E-05	0.00217	0.16625	1.92E-01	0.014661	3.37E-05	0.001269	2.08E-01	0.18964	0.01261	2.75E-05	0.001348	0.203626
1646	495111.06	3858801.99	1.59413	2.60378	1.98156	0.90712	1.44E-01	0.01102	3.7E-05	0.0021	0.15762	1.82E-01	0.013903	3.15E-05	0.001227	1.97E-01	0.179738	0.011958	2.57E-05	0.001303	0.193024
1647	495161.06	3858801.99	1.52258	2.46893	1.90655	0.88366	1.38E-01	0.01044	3.6E-05	0.00205	0.15051	1.74E-01	0.013183	3.03E-05	0.001195	1.89E-01	0.17167	0.011338	2.47E-05	0.001269	0.184302
1648	495211.06	3858801.99	1.47598	2.41402	1.87044	0.87272	1.34E-01	0.01021	3.5E-05	0.00202	0.14603	1.69E-01	0.01289	2.97E-05	0.00118	1.83E-01	0.166416	0.011086	2.43E-05	0.001253	0.17878
1649	495261.06	3858801.99	1.45406	2.392	1.85342	0.86853	1.32E-01	0.01012	3.5E-05	0.00201	0.14394	1.66E-01	0.012772	2.95E-05	0.001174	1.80E-01	0.163945	0.010985	2.41E-05	0.001247	0.176201
1650	495311.06	3858801.99	1.46235	2.37488	1.85351	0.86593	1.33E-01	0.01005	3.5E-05	0.00201	0.14461	1.67E-01	0.012681	2.95E-05	0.001171	1.81E-01	0.164879	0.010906	2.41E-05	0.001244	0.177053
1651	495361.06	3858801.99	1.45981	2.3508	1.83738	0.85883	1.32E-01	0.00995	3.4E-05	0.00199	0.14426	1.67E-01	0.012552	2.92E-05	0.001161	1.81E-01	0.164593	0.010796	2.38E-05	0.001233	0.176646
1652	495411.06	3858801.99	1.48124	2.37512	1.85935	0.86238	1.34E-01	0.01005	3.5E-05	0.002	0.14631	1.69E-01	0.012682	2.96E-05	0.001166	1.83E-01	0.167009	0.010907	2.41E-05	0.001238	0.179179
1653	495461.06	3858801.99	1.47248	2.35995	1.84464	0.85694	1.33E-01	0.00998	3.5E-05	0.00198	0.14544	1.68E-01	0.012601	2.93E-05	0.001159	1.82E-01	0.166022	0.010838	2.39E-05	0.001231	0.178114
1654	495511.06	3858801.99	1.4583	2.34117	1.81813	0.8485	1.32E-01	0.0099	3.4E-05	0.00197	0.14406	1.67E-01	0.012501	2.89E-05	0.001147	1.80E-01	0.164423	0.010752	2.36E-05	0.001218	0.176416
1655	495561.06	3858801.99	1.44351	2.34647	1.79185	0.84353	1.31E-01	0.00993	3.4E-05	0.00195	0.14273	1.65E-01	0.012529	2.85E-05	0.001141	1.79E-01	0.162755	0.010776	2.33E-05	0.001211	0.174766
1656	495611.06	3858801.99	1.40973	2.30414	1.74755	0.83221	1.28E-01	0.00975	3.3E-05	0.00193	0.13946	1.61E-01	0.012303	2.78E-05	0.001125	1.75E-01	0.158947	0.010581	2.27E-05	0.001195	0.170746
1657	495661.06	3858801.99	1.39809	2.28118	1.72364	0.82738	1.27E-01	0.00965	3.2E-05	0.00192	0.1383	1.60E-01	0.01218	2.74E-05	0.001119	1.73E-01	0.157634	0.010476	2.24E-05	0.001188	0.169321
1658	494311.06	3858851.99	2.34485	3.81599	3.15482	1.23765	2.12E-01	0.01614	5.9E-05	0.00287	0.23156	2.68E-01	0.020376	5.01E-05	0.001673	2.90E-01	0.264381	0.017524	4.1E-05	0.001777	0.283724
1659	494361.06	3858851.99	2.54021	4.18648	3.50573	1.35017	2.30E-01	0.01771	6.6E-05	0.00313	0.2511	2.91E-01	0.022354	5.57E-05	0.001826	3.15E-01	0.286408	0.019226	4.55E-05	0.001939	0.307618
1660	494411.06	3858851.99	2.52021	4.20716	3.51669	1.34309	2.28E-01	0.0178	6.6E-05	0.00311	0.24936	2.88E-01	0.022464	5.59E-05	0.001816	3.13E-01	0.284153	0.019321	4.56E-05	0.001929	0.305448
1661	494461.06	3858851.99	2.53725	4.24643	3.53733	1.35905	2.30E-01	0.01796	6.6E-05	0.00315	0.25111	2.90E-01	0.022674	5.62E-05	0.001838	3.15E-01	0.286074	0.019501	4.59E-05	0.001952	0.307573
1662	494511.06	3858851.99	2.53959	4.26945	3.51931	1.37022	2.30E-01	0.01806	6.6E-05	0.00317	0.25144	2.90E-01	0.022797	5.59E-05	0.001853	3.15E-01	0.286338	0.019607	4.57E-05	0.001968	0.307958
1663	494561.06	3858851.99	2.52012	4.2421	3.49798	1.35695	2.28E-01	0.01795	6.5E-05	0.00314	0.24953	2.88E-01	0.022651	5.56E-05	0.001835	3.13E-01	0.284143	0.019481	4.54E-05	0.001949	0.305618
1664	494611.06	3858851.99	2.47021	4.15756	3.40622	1.32231	2.24E-01	0.01759	6.4E-05	0.00306	0.24457	2.83E-01	0.022199	5.41E-05	0.001788	3.07E-01	0.278515	0.019093	4.42E-05	0.001899	0.299552
1665	494661.06	3858851.99	2.39208	4.05592	3.27553	1.27592	2.17E-01	0.01716	6.1E-05	0.00296	0.23695	2.74E-01	0.021657	5.21E-05	0.001725	2.97E-01	0.269706	0.018626	4.25E-05	0.001832	0.290207
1666	494711.06	3858851.99	2.27352	3.82139	3.07386	1.20974	2.06E-01	0.01617	5.8E-05	0.0028	0.22506	2.60E-01	0.020404	4.89E-05	0.001636	2.82E-01	0.256339	0.017549	3.99E-05	0.001737	0.275665
1667	494761.06	3858851.99	2.15759	3.60262	2.89444	1.1585	1.96E-01	0.01524	5.4E-05	0.00268	0.2135	2.47E-01	0.019236	4.6E-05	0.001566	2.68E-01	0.243268	0.016545	3.76E-05	0.001664	0.261513
1668	494811.06	3858851.99	2.06358	3.3792	2.73652	1.11868	1.87E-01	0.0143	5.1E-05	0.00259	0.20394	2.36E-01	0.018043	4.35E-05	0.001513	2.56E-01	0.232668	0.015519	3.55E-05	0.001606	0.249828
1669	494861.06	3858851.99	2.00175	3.2484	2.65469	1.0955	1.81E-01	0.01374	5E-05	0.00254	0.19773	2.29E-01	0.017345	4.22E-05	0.001481	2.48E-01	0.225697	0.014918	3.45E-05	0.001573	0.242222
1670	494911.06	3858851.99	1.93331	3.07931	2.52591	1.06085	1.75E-01	0.01303	4.7E-05	0.00246	0.19073	2.21E-01	0.016442	4.01E-05	0.001434	2.39E-01	0.21798	0.014141	3.28E-05	0.001523	0.233678
1671	494961.06	3858851.99	1.88249	2.95227	2.44917	1.03198	1.71E-01	0.01249	4.6E-05	0.00239	0.18552	2.15E-01	0.015764	3.89E-05	0.001395	2.33E-01	0.21225	0.013558	3.18E-05	0.001482	0.227322
1672	495011.06	3858851.99	1.83942	2.88953	2.3899	1.0091	1.67E-01	0.01222	4.5E-05	0.00234	0.1813	2.10E-01	0.015429	3.8E-05	0.001364	2.27E-01	0.207394	0.01327	3.1E-05	0.001449	0.222144
1673	495061.06	3858851.99	1.78353	2.81923	2.30542	0.98485	1.62E-01	0.01193	4.3E-05	0.00228	0.17588	2.04E-01	0.015053	3.66E-05	0.001332	2.20E-01	0.201092	0.012947	2.99E-05	0.001414	0.215484
1674	495111.06	3858851.99	1.67158	2.68056	2.13552	0.94072	1.51E-01	0.01134	4E-05	0.00218	0.16504	1.91E-01	0.014313	3.39E-05	0.001272	2.07E-01	0.18847	0.01231	2.77E-05	0.001351	0.202159
1675	495161.06	3858851.99	1.64325	2.60186	2.04885	0.92072	1.49E-01	0.01101	3.8E-05	0.00213	0.16209	1.88E-01	0.013893	3.26E-05	0.001245	2.03E-01	0.185276	0.011949	2.66E-05	0.001322	0.198573
1676	495211.06	3858851.99	1.64917	2.63295	2.07601	0.92567	1.49E-01	0.01114	3.9E-05	0.00214	0.16277	1.89E-01	0.014059	3.3E-05	0.001252	2.04E-01	0.185943	0.012091	2.69E-05	0.001329	0.199391
1677	495261.06	3858851.99	1.62318	2.63354	2.04803	0.92205	1.47E-01	0.01114	3.8E-05	0.00214	0.16041	1.86E-01	0.014062	3.25E-05	0.001247	2.01E-01	0.183013	0.012094	2.66E-05	0.001324	0.196458
1678	495311.06	3858851.99	1.61692	2.66038	2.04485	0.92082	1.47E-01	0.01125	3.8E-05	0.00213	0.15995	1.85E-01	0.014205	3.25E-05	0.001245	2.00E-01	0.182307	0.012217	2.65E-05	0.001322	0.195874
1679	495361.06	3858851.99	1.59499	2.64942	2.04283	0.91497	1.45E-01	0.01121	3.8E-05	0.00212	0.15791	1.82E-01	0.014147	3.25E-05	0.001237	1.98E-01	0.179835	0.012167	2.65E-05	0.001314	0.193342
1680	495411.06	3858851.99	1.58405	2.64163	2.03054	0.90983	1.44E-01	0.01118	3.8E-05	0.00211	0.15687	1.81E-01	0.014105	3.23E-05	0.00123	1.97E-01	0.178601	0.012131	2.64E-05	0.001307	0.192065
1681	495461.06	3858851.99	1.59486	2.61933	2.0328	0.90775	1.45E-01	0.01108	3.8E-05	0.0021	0.15775	1.82E-01	0.013986	3.23E-05	0.001227	1.98E-01	0.17982	0.012029	2.64E-05	0.001304	0.193179
1682	495511.06	3858851.99	1.5871	2.55143	2.01906	0.89289	1.44E-01	0.01079	3.8E-05	0.00207	0.15673	1.82E-01	0.013623	3.21E-05	0.001207	1.96E-01	0.178945	0.011717	2.62E-05	0.001282	0.191971
1683	495561.06	3858851.99	1.54179	2.47047	1.94297	0.87945	1.40E-01	0.01045	3.6E-05	0.00204	0.15224	1.76E-01	0.013191	3.09E-05	0.001189	1.91E-01	0.173836	0.011345	2.52E-05	0.001263	0.18647
1684	495611.06	3858851.99	1.50724	2.38599	1.89206	0.86532	1.37E-01	0.01009	3.5E-05	0.002	0.14872	1.72E-01	0.01274	3.01E-05	0.00117	1.86E-01	0.169941	0.010957	2.46E-05	0.001243	0.182165
1685	495661.06	3858851.99	1.51119	2.39839	1.89496	0.86577	1.37E-01	0.01015	3.5E-05	0.00201	0.14913	1.73E-01	0.012806	3.01E-05	0.001171	1.87E-01	0.170386	0.011014	2.46E-05	0.001243	0.182668
1686	494311.06	3858901.99	2.60188	4.45233	3.52711	1.37968	2.36E-01	0.01884	6.6E-05	0.0032	0.25789	2.98E-01	0.023773	5.61E-05	0.001865	3.23E-01	0.293361	0.020447	4.58E-05	0.001981	0.315835
1687	494361.06	3858901.99	2.76499	4.71637	3.77774	1.47723	2.51E-01	0.01995	7.1E-05	0.00342	0.27401	3.16E-01	0.025183	6E-05	0.001997	3.43E-01	0.311752	0.021659	4.9E-05	0.002121	0.335581
1688	494411.06	3858901.99	2.78524	4.68581	3.8284	1.48664	2.52E-01	0.01982	7.2E-05	0.00344	0.27574	3.19E-01	0.02502	6.08E-05	0.00201	3.46E-01	0.314035	0.021519	4.97E-05	0.002135	0.337738
1689	494461.06	3858901.99	2.79499	4.7352	3.87786	1.51314	2.53E-01	0.02003	7.3E-05	0.0035	0.2769	3.20E-01	0.025284	6.16E-05	0.002046	3.47E-01	0.315134	0.021746	5.03E-05	0.002173	0.339103
1690	494511.06	3858901.99	2.76285	4.74646	3.87067	1.51941	2.50E-01	0.02008	7.2E-05	0.00352	0.27405	3.16E-01	0.025344	6.15E-05	0.002054	3.43E-01	0.31151	0.021798	5.02E-05	0.002182	0.33554
1691	494561.06	3858901.99	2.70104	4.62431	3.77761	1.4839	2.45E-01	0.01956	7.1E-05	0.00344	0.26784	3.09E-01	0.024692	6E-05	0.002006	3.36E-01	0.304541	0.021237	4.9E-05	0.002131	0.327958
1692	494611.06	3858901.99	2.58207	4.3669	3.59568	1.406	2.34E-01	0.01847	6.7E-05	0.00326	0.25579	2.95E-01	0.023317	5.71E-05	0.001901	3.21E-01	0.291128	0.020054	4.67E-05	0.002019	0.313248
1693	494661.06	3858901.99	2.5274	4.21833	3.49716	1.37237	2.29E-01	0.01785	6.5E-05	0.00318	0.25013	2.89E-01	0.022524	5.56E-05	0.001856	3.14E-01	0.284963	0.019372	4.54E-05	0.001971	0.306352
1694	494711.06	3858901.99	2.41788	4.05423	3.33904	1.30371	2.19E-01	0.01715	6.3E-05	0.00302	0.23935	2.77E-01	0.021648	5.31E-05	0.001763	3.00E-01	0.272615	0.018619	4.33E-05	0.001872	0.293149
1695	494761.06	3858901.99	2.28262	3.82521	3.13743	1.23469	2.07E-01	0.01618	5.9E-05	0.00286	0.22596	2.61E-01	0.020425	4.99E-05	0.001669	2.83E-01	0.257365	0.017567	4.07E-05	0.001773	0.276745
1696	494811.06	3858901.99	2.2211	3.7368	3.01395	1.19331	2.01E-01	0.01581	5.6E-05	0.00276	0.21991	2.54E-01	0.019953	4.79E-05	0.001613	2.76E-01	0.250428	0.017161	3.91E-05	0.001714	0.269342
1697	494861.06	3858901.99	2.18597	3.65857	2.93643	1.17009	1.98E-01	0.01548	5.5E-05	0.00271	0.21634	2.50E-01	0.019535	4.67E-05	0.001582	2.71E-01	0.246467	0.016802	3.81E-05	0.00168	0.264987
1698	494911.06	3858901.99	2.04929	3.43425	2.73298	1.11467	1.86E-01	0.01453	5.1E-05	0.00258	0.20287	2.34E-01	0.018337	4.34E-05	0.001507	2.54E-01	0.231057	0.015771	3.55E-05	0.001601	0.248464
1699	494961.06	3858901.99	1.97948	3.30563	2.62264	1.0845	1.79E-01	0.01398	4.9E-05	0.00251	0.19593	2.26E-01	0.01765	4.17E-05	0.001466	2.46E-01	0.223186	0.015181	3.4E-05	0.001557	0.239958
1700	495011.06	3858901.99	1.91273	3.17831	2.52741	1.06013	1.73E-01	0.01345	4.7E-05	0.00246	0.18928	2.19E-01	0.016971	4.02E-05	0.001433	2.37E-01	0.21566	0.014596	3.28E-05	0.001522	0.231811
1701	495061.06	3858901.99	1.84189	3.00783	2.39041	1.02445	1.67E-01	0.01272	4.5E-05	0.00237	0.18206	2.11E-01	0.01606	3.8E-05	0.001385	2.28E-01	0.207672	0.013813	3.1E-05	0.001471	0.222988
1702	495111.06	3858901.99	1.73159	2.75476	2.25426	0.97309	1.57E-01	0.01165	4.2E-05	0.00225	0.17087	1.98E-01	0.014709	3.58E-05	0.001316	2.14E-01	0.195236	0.012651	2.93E-05	0.001397	0.209314
1703	495161.06	3858901.99	1.70677	2.71245	2.20978	0.96035	1.55E-01	0.01148	4.1E-05	0.00222	0.16841	1.95E-01	0.014483	3.51E-05	0.001298	2.11E-01	0.192438	0.012457	2.87E-05	0.001379	0.206302
1704	495211.06	3858901.99	1.74651	2.77229	2.26818	0.9729	1.58E-01	0.01173	4.2E-05	0.00225	0.1723	2.00E-01	0.014803	3.6E-05	0.001315	2.16E-01	0.196918	0.012731	2.94E-05	0.001397	0.211076

1705	495261.06	3858901.99	1.754	2.80159	2.27776	0.97381	1.59E-01	0.01185	4.3E-05	0.00226	0.1731	2.01E-01	0.014959	3.62E-05	0.001317	2.17E-01	0.197763	0.012866	2.96E-05	0.001398	0.212057
1706	495311.06	3858901.99	1.74523	2.76315	2.25899	0.97069	1.58E-01	0.01169	4.2E-05	0.00225	0.17214	2.00E-01	0.014754	3.59E-05	0.001312	2.16E-01	0.196774	0.012689	2.93E-05	0.001394	0.210887
1707	495361.06	3858901.99	1.73256	2.74513	2.2271	0.96648	1.57E-01	0.01161	4.2E-05	0.00224	0.1709	1.98E-01	0.014658	3.54E-05	0.001307	2.14E-01	0.195346	0.012607	2.89E-05	0.001388	0.209369
1708	495411.06	3858901.99	1.73413	2.80733	2.22895	0.96867	1.57E-01	0.01188	4.2E-05	0.00224	0.17131	1.98E-01	0.01499	3.54E-05	0.00131	2.15E-01	0.195523	0.012892	2.89E-05	0.001391	0.209835
1709	495461.06	3858901.99	1.71729	2.79068	2.19866	0.95883	1.56E-01	0.01181	4.1E-05	0.00222	0.16969	1.96E-01	0.014901	3.49E-05	0.001296	2.13E-01	0.193624	0.012816	2.85E-05	0.001377	0.207845
1710	495511.06	3858901.99	1.67788	2.7552	2.15839	0.94321	1.52E-01	0.01166	4E-05	0.00218	0.16593	1.92E-01	0.014711	3.43E-05	0.001275	2.08E-01	0.18918	0.012653	2.8E-05	0.001354	0.203216
1711	495561.06	3858901.99	1.6509	2.71693	2.12238	0.9329	1.50E-01	0.01149	4E-05	0.00216	0.1633	1.89E-01	0.014507	3.37E-05	0.001261	2.05E-01	0.186138	0.012477	2.75E-05	0.00134	0.199983
1712	495611.06	3858901.99	1.61893	2.66679	2.07186	0.91739	1.47E-01	0.01128	3.9E-05	0.00212	0.16016	1.85E-01	0.014239	3.29E-05	0.00124	2.01E-01	0.182534	0.012247	2.69E-05	0.001317	0.196125
1713	495661.06	3858901.99	1.62067	2.68106	2.08244	0.91741	1.47E-01	0.01134	3.9E-05	0.00212	0.16037	1.85E-01	0.014316	3.31E-05	0.00124	2.01E-01	0.18273	0.012312	2.7E-05	0.001317	0.196387
1714	494311.06	3858951.99	2.95909	5.04116	4.035	1.58143	2.68E-01	0.02133	7.6E-05	0.00366	0.29322	3.38E-01	0.026917	6.41E-05	0.002138	3.68E-01	0.333636	0.023151	5.24E-05	0.002271	0.359111
1715	494361.06	3858951.99	3.01862	5.13459	4.11174	1.62506	2.74E-01	0.02172	7.7E-05	0.00376	0.29912	3.45E-01	0.027416	6.53E-05	0.002197	3.75E-01	0.340348	0.02358	5.34E-05	0.002334	0.366315
1716	494411.06	3858951.99	2.9708	5.05918	4.0496	1.60244	2.69E-01	0.0214	7.6E-05	0.00371	0.29441	3.40E-01	0.027014	6.44E-05	0.002167	3.69E-01	0.334957	0.023234	5.26E-05	0.002301	0.360544
1717	494461.06	3858951.99	2.99422	5.1254	4.08092	1.6484	2.71E-01	0.02168	7.6E-05	0.00382	0.29692	3.42E-01	0.027367	6.49E-05	0.002229	3.72E-01	0.337597	0.023538	5.3E-05	0.002367	0.363555
1718	494511.06	3858951.99	2.96782	5.03294	4.06446	1.635	2.69E-01	0.02129	7.6E-05	0.00379	0.29411	3.39E-01	0.026873	6.46E-05	0.002211	3.69E-01	0.334621	0.023113	5.28E-05	0.002348	0.360135
1719	494561.06	3858951.99	2.89103	4.94307	3.99183	1.59496	2.62E-01	0.02091	7.5E-05	0.00369	0.28667	3.31E-01	0.026394	6.34E-05	0.002157	3.59E-01	0.325963	0.0227	5.18E-05	0.00229	0.351005
1720	494611.06	3858951.99	2.77043	4.78103	3.85786	1.52868	2.51E-01	0.02023	7.2E-05	0.00354	0.2749	3.17E-01	0.025528	6.13E-05	0.002067	3.45E-01	0.312365	0.021956	5.01E-05	0.002195	0.336567
1721	494661.06	3858951.99	2.67839	4.60847	3.73261	1.47663	2.43E-01	0.0195	7E-05	0.00342	0.26571	3.06E-01	0.024607	5.93E-05	0.001997	3.33E-01	0.301988	0.021164	4.85E-05	0.002121	0.32532
1722	494711.06	3858951.99	2.54528	4.36033	3.5304	1.38794	2.31E-01	0.01845	6.6E-05	0.00321	0.25239	2.91E-01	0.023282	5.61E-05	0.001877	3.16E-01	0.286979	0.020024	4.58E-05	0.001993	0.309043
1723	494761.06	3858951.99	2.45031	4.20699	3.3827	1.33414	2.22E-01	0.0178	6.3E-05	0.00309	0.243	2.80E-01	0.022463	5.38E-05	0.001804	3.05E-01	0.276272	0.01932	4.39E-05	0.001916	0.297551
1724	494811.06	3858951.99	2.38438	4.03695	3.28391	1.2961	2.16E-01	0.01708	6.1E-05	0.003	0.23622	2.73E-01	0.021555	5.22E-05	0.001752	2.96E-01	0.268838	0.018539	4.26E-05	0.001861	0.289281
1725	494861.06	3858951.99	2.32184	3.86671	3.20422	1.26017	2.10E-01	0.01636	6E-05	0.00292	0.22975	2.66E-01	0.020646	5.09E-05	0.001704	2.88E-01	0.261787	0.017757	4.16E-05	0.00181	0.281395
1726	494911.06	3858951.99	2.22837	3.69162	3.05215	1.20937	2.02E-01	0.01562	5.7E-05	0.0028	0.22042	2.55E-01	0.019711	4.85E-05	0.001635	2.76E-01	0.251248	0.016953	3.96E-05	0.001737	0.269978
1727	494961.06	3858951.99	2.19815	3.62663	2.9556	1.18349	1.99E-01	0.01534	5.5E-05	0.00274	0.21734	2.51E-01	0.019364	4.7E-05	0.0016	2.72E-01	0.247841	0.016655	3.84E-05	0.0017	0.266233
1728	495011.06	3858951.99	2.05505	3.39979	2.74874	1.11423	1.86E-01	0.01438	5.1E-05	0.00258	0.20325	2.35E-01	0.018153	4.37E-05	0.001507	2.55E-01	0.231706	0.015613	3.57E-05	0.0016	0.248955
1729	495061.06	3858951.99	1.91611	3.16309	2.52072	1.05158	1.74E-01	0.01338	4.7E-05	0.00244	0.18951	2.19E-01	0.016889	4.01E-05	0.001422	2.38E-01	0.216041	0.014526	3.27E-05	0.00151	0.23211
1730	495111.06	3858951.99	1.80165	3.01788	2.34735	1.01431	1.63E-01	0.01277	4.4E-05	0.00235	0.17843	2.06E-01	0.016114	3.73E-05	0.001371	2.24E-01	0.203135	0.013859	3.05E-05	0.001457	0.218482
1731	495161.06	3858951.99	1.84395	3.11953	2.42748	1.03338	1.67E-01	0.0132	4.5E-05	0.00239	0.18274	2.11E-01	0.016657	3.86E-05	0.001397	2.29E-01	0.207905	0.014326	3.15E-05	0.001484	0.223746
1732	495211.06	3858951.99	1.86016	3.11811	2.43826	1.03415	1.69E-01	0.01319	4.6E-05	0.0024	0.1842	2.13E-01	0.016649	3.88E-05	0.001398	2.31E-01	0.209732	0.01432	3.16E-05	0.001485	0.225569
1733	495261.06	3858951.99	1.87001	3.08456	2.44715	1.03756	1.69E-01	0.01305	4.6E-05	0.0024	0.18496	2.14E-01	0.01647	3.89E-05	0.001403	2.32E-01	0.210843	0.014165	3.18E-05	0.00149	0.22653
1734	495311.06	3858951.99	1.83334	2.94005	2.38195	1.01975	1.66E-01	0.01244	4.5E-05	0.00236	0.18099	2.10E-01	0.015698	3.79E-05	0.001379	2.27E-01	0.206708	0.013502	3.09E-05	0.001464	0.221706
1735	495361.06	3858951.99	1.85001	2.92795	2.40693	1.02481	1.68E-01	0.01239	4.5E-05	0.00237	0.18246	2.12E-01	0.015634	3.83E-05	0.001386	2.29E-01	0.208588	0.013446	3.12E-05	0.001472	0.223537
1736	495411.06	3858951.99	1.87544	2.9646	2.44899	1.03256	1.70E-01	0.01254	4.6E-05	0.00239	0.18494	2.15E-01	0.01583	3.89E-05	0.001396	2.32E-01	0.211455	0.013615	3.18E-05	0.001483	0.226584
1737	495461.06	3858951.99	1.86272	2.91315	2.43946	1.02492	1.69E-01	0.01232	4.6E-05	0.00237	0.18355	2.13E-01	0.015555	3.88E-05	0.001386	2.30E-01	0.210021	0.013378	3.17E-05	0.001472	0.224903
1738	495511.06	3858951.99	1.85515	2.9233	2.43847	1.02333	1.68E-01	0.01237	4.6E-05	0.00237	0.1829	2.12E-01	0.015609	3.88E-05	0.001384	2.29E-01	0.209168	0.013425	3.17E-05	0.00147	0.224094
1739	495561.06	3858951.99	1.78505	2.84624	2.31917	0.99708	1.62E-01	0.01204	4.3E-05	0.00231	0.17616	2.04E-01	0.015198	3.69E-05	0.001348	2.21E-01	0.201264	0.013071	3.01E-05	0.001432	0.215797
1740	495611.06	3858951.99	1.74562	2.79889	2.26939	0.97901	1.58E-01	0.01184	4.2E-05	0.00227	0.17234	2.00E-01	0.014945	3.61E-05	0.001324	2.16E-01	0.196818	0.012854	2.95E-05	0.001406	0.211107
1741	495661.06	3858951.99	1.74548	2.80761	2.28488	0.98136	1.58E-01	0.01188	4.3E-05	0.00227	0.17237	2.00E-01	0.014991	3.63E-05	0.001327	2.16E-01	0.196802	0.012894	2.97E-05	0.001409	0.211135
1742	494311.06	3859001.99	3.19022	5.19813	4.39333	1.83918	2.89E-01	0.02199	8.2E-05	0.00426	0.31544	3.65E-01	0.027756	6.98E-05	0.002487	3.95E-01	0.359696	0.023872	5.7E-05	0.002641	0.386266
1743	494361.06	3859001.99	3.19254	5.24591	4.38665	1.83863	2.89E-01	0.02219	8.2E-05	0.00426	0.31585	3.65E-01	0.028011	6.97E-05	0.002486	3.96E-01	0.359958	0.024091	5.69E-05	0.00264	0.386746
1744	494411.06	3859001.99	3.18787	5.30909	4.35781	1.85663	2.89E-01	0.02246	8.2E-05	0.0043	0.31573	3.65E-01	0.028348	6.93E-05	0.00251	3.96E-01	0.359431	0.024381	5.66E-05	0.002666	0.386535
1745	494461.06	3859001.99	3.1711	5.29694	4.30649	1.83492	2.87E-01	0.02241	8.1E-05	0.00425	0.31411	3.63E-01	0.028283	6.84E-05	0.002481	3.94E-01	0.35754	0.024326	5.59E-05	0.002635	0.384557
1746	494511.06	3859001.99	3.139	5.35904	4.26493	1.80408	2.84E-01	0.02267	8E-05	0.00418	0.31139	3.59E-01	0.028615	6.78E-05	0.002439	3.90E-01	0.353921	0.024611	5.54E-05	0.002591	0.381178
1747	494561.06	3859001.99	3.03975	5.23653	4.13814	1.7191	2.75E-01	0.02215	7.7E-05	0.00398	0.30168	3.48E-01	0.027961	6.58E-05	0.002324	3.78E-01	0.342731	0.024048	5.37E-05	0.002469	0.369301
1748	494611.06	3859001.99	2.96023	5.03323	4.03669	1.64953	2.68E-01	0.02129	7.6E-05	0.00382	0.29345	3.39E-01	0.026875	6.42E-05	0.00223	3.68E-01	0.333765	0.023114	5.24E-05	0.002369	0.359301
1749	494661.06	3859001.99	2.86261	4.83749	3.89808	1.56703	2.59E-01	0.02047	7.3E-05	0.00363	0.28358	3.27E-01	0.02583	6.2E-05	0.002119	3.55E-01	0.322758	0.022216	5.06E-05	0.00225	0.347275
1750	494711.06	3859001.99	2.7203	4.61701	3.71931	1.48074	2.47E-01	0.01953	7E-05	0.00343	0.26955	3.11E-01	0.024653	5.91E-05	0.002002	3.38E-01	0.306713	0.021203	4.83E-05	0.002126	0.330091
1751	494761.06	3859001.99	2.62266	4.46265	3.61879	1.44206	2.38E-01	0.01888	6.8E-05	0.00334	0.25996	3.00E-01	0.023828	5.75E-05	0.00195	3.26E-01	0.295704	0.020494	4.7E-05	0.002071	0.318316
1752	494811.06	3859001.99	2.5751	4.41135	3.55953	1.41943	2.33E-01	0.01866	6.7E-05	0.00329	0.25538	2.95E-01	0.023554	5.66E-05	0.001919	3.20E-01	0.290342	0.020259	4.62E-05	0.002038	0.312685
1753	494861.06	3859001.99	2.49104	4.2873	3.43577	1.36437	2.26E-01	0.01814	6.4E-05	0.00316	0.24711	2.85E-01	0.022892	5.46E-05	0.001845	3.10E-01	0.280864	0.019689	4.46E-05	0.001959	0.302557
1754	494911.06	3859001.99	2.39863	4.16038	3.29753	1.31377	2.17E-01	0.0176	6.2E-05	0.00304	0.23807	2.74E-01	0.022214	5.24E-05	0.001776	2.98E-01	0.270445	0.019106	4.28E-05	0.001887	0.29148
1755	494961.06	3859001.99	2.30175	3.95355	3.15767	1.2588	2.09E-01	0.01673	5.9E-05	0.00292	0.22829	2.63E-01	0.02111	5.02E-05	0.001702	2.86E-01	0.259522	0.018156	4.1E-05	0.001808	0.279526
1756	495011.06	3859001.99	2.05461	3.42817	2.7765	1.12701	1.86E-01	0.0145	5.2E-05	0.00261	0.20336	2.35E-01	0.018305	4.41E-05	0.001524	2.55E-01	0.231657	0.015743	3.6E-05	0.001618	0.249054
1757	495061.06	3859001.99	2.01827	3.32326	2.71374	1.10813	1.83E-01	0.01406	5.1E-05	0.00257	0.19958	2.31E-01	0.017745	4.31E-05	0.001498	2.50E-01	0.227559	0.015262	3.52E-05	0.001591	0.244447
1758	495111.06	3859001.99	1.93581	3.17759	2.5613	1.05991	1.75E-01	0.01344	4.8E-05	0.00245	0.19137	2.21E-01	0.016967	4.07E-05	0.001433	2.40E-01	0.218262	0.014593	3.32E-05	0.001522	0.23441
1759	495161.06	3859001.99	2.01304	3.30365	2.69187	1.10339	1.82E-01	0.01398	5E-05	0.00256	0.19901	2.30E-01	0.01764	4.28E-05	0.001492	2.49E-01	0.22697	0.015172	3.49E-05	0.001585	0.243761
1760	495211.06	3859001.99	1.99015	3.31396	2.65878	1.09746	1.80E-01	0.01402	5E-05	0.00254	0.19696	2.28E-01	0.017695	4.23E-05	0.001484	2.47E-01	0.224389	0.015219	3.45E-05	0.001576	0.241218
1761	495261.06	3859001.99	1.99605	3.37252	2.68617	1.1016	1.81E-01	0.01427	5E-05	0.00255	0.19776	2.28E-01	0.018008	4.27E-05	0.001489	2.48E-01	0.225054	0.015488	3.49E-05	0.001582	0.242159
1762	495311.06	3859001.99	1.98758	3.36757	2.66338	1.09127	1.80E-01	0.01425	5E-05	0.00253	0.19694	2.27E-01	0.017981	4.23E-05	0.001476	2.47E-01	0.224099	0.015465	3.46E-05	0.001567	0.241166
1763	495361.06	3859001.99	1.99874	3.39395	2.67207	1.09524	1.81E-01	0.01436	5E-05	0.00254	0.19807	2.29E-01	0.018122	4.25E-05	0.001481	2.48E-01	0.225357	0.015586	3.47E-05	0.001573	0.242551
1764	495411.06	3859001.99	1.99766	3.41228	2.66196	1.09268	1.81E-01	0.01444	5E-05	0.00253	0.19805	2.28E-01	0.01822	4.23E-05	0.001477	2.48E-01	0.225235	0.01567	3.46E-05	0.001569	0.24251
1765	495461.06	3859001.99	2.009	3.35551	2.6624	1.09407	1.82E-01	0.0142	5E-05	0.00253	0.19884	2.30E-01	0.017917	4.23E-05	0.001479	2.49E-01	0.226514	0.01541	3.46E-05	0.001571	0.24353

1766	495511.06	3859001.99	1.95543	3.2079	2.58589	1.071	1.77E-01	0.01357	4.8E-05	0.00248	0.19331	2.24E-01	0.017129	4.11E-05	0.001448	2.42E-01	0.220474	0.014732	3.36E-05	0.001538	0.236778
1767	495561.06	3859001.99	1.93608	3.09764	2.55565	1.05565	1.75E-01	0.0131	4.8E-05	0.00245	0.19105	2.21E-01	0.01654	4.06E-05	0.001427	2.39E-01	0.218292	0.014226	3.32E-05	0.001516	0.234067
1768	495611.06	3859001.99	1.90318	2.98083	2.50225	1.03984	1.72E-01	0.01261	4.7E-05	0.00241	0.18754	2.18E-01	0.015916	3.98E-05	0.001406	2.35E-01	0.214583	0.013689	3.25E-05	0.001493	0.229798
1769	495661.06	3859001.99	1.94977	2.99099	2.5373	1.05594	1.77E-01	0.01265	4.7E-05	0.00245	0.19184	2.23E-01	0.01597	4.03E-05	0.001428	2.40E-01	0.219836	0.013736	3.29E-05	0.001516	0.235121
1770	494311.06	3859051.99	3.411	5.56793	4.61104	2.03772	3.09E-01	0.02356	8.6E-05	0.00472	0.33747	3.90E-01	0.02973	7.33E-05	0.002755	4.23E-01	0.384589	0.02557	5.99E-05	0.002926	0.413145
1771	494361.06	3859051.99	3.37538	5.58557	4.63176	2.0758	3.06E-01	0.02363	8.7E-05	0.00481	0.33441	3.86E-01	0.029824	7.36E-05	0.002807	4.19E-01	0.380573	0.025651	6.01E-05	0.002981	0.409265
1772	494411.06	3859051.99	3.33858	5.41402	4.59588	2.04676	3.03E-01	0.0229	8.6E-05	0.00474	0.33028	3.82E-01	0.028908	7.3E-05	0.002767	4.14E-01	0.376424	0.024863	5.97E-05	0.002939	0.404286
1773	494461.06	3859051.99	3.29724	5.31501	4.54022	2.00705	2.99E-01	0.02249	8.5E-05	0.00465	0.32602	3.77E-01	0.02838	7.22E-05	0.002714	4.08E-01	0.371763	0.024409	5.89E-05	0.002882	0.399112
1774	494511.06	3859051.99	3.23021	5.25967	4.43706	1.95656	2.93E-01	0.02225	8.3E-05	0.00453	0.31959	3.69E-01	0.028084	7.05E-05	0.002645	4.00E-01	0.364205	0.024154	5.76E-05	0.00281	0.391227
1775	494561.06	3859051.99	3.18135	5.20012	4.34747	1.88863	2.88E-01	0.022	8.1E-05	0.00437	0.31476	3.64E-01	0.027766	6.91E-05	0.002554	3.94E-01	0.358696	0.023881	5.64E-05	0.002712	0.385346
1776	494611.06	3859051.99	3.10751	5.1658	4.21759	1.7956	2.82E-01	0.02185	7.9E-05	0.00416	0.3077	3.55E-01	0.027583	6.7E-05	0.002428	3.86E-01	0.350371	0.023723	5.47E-05	0.002579	0.376727
1777	494661.06	3859051.99	3.00229	4.98966	4.08266	1.70283	2.72E-01	0.02111	7.6E-05	0.00394	0.2972	3.43E-01	0.026642	6.49E-05	0.002302	3.72E-01	0.338507	0.022914	5.3E-05	0.002445	0.36392
1778	494711.06	3859051.99	2.91808	4.90339	3.96305	1.6204	2.64E-01	0.02074	7.4E-05	0.00375	0.28901	3.34E-01	0.026182	6.3E-05	0.002191	3.62E-01	0.329013	0.022518	5.14E-05	0.002327	0.353909
1779	494761.06	3859051.99	2.83261	4.75457	3.84081	1.55019	2.57E-01	0.02011	7.2E-05	0.00359	0.28047	3.24E-01	0.025387	6.1E-05	0.002096	3.52E-01	0.319376	0.021835	4.99E-05	0.002226	0.343487
1780	494811.06	3859051.99	2.76138	4.61052	3.75898	1.51064	2.50E-01	0.0195	7E-05	0.0035	0.27332	3.16E-01	0.024618	5.97E-05	0.002043	3.43E-01	0.311345	0.021173	4.88E-05	0.002169	0.334736
1781	494861.06	3859051.99	2.66659	4.51513	3.66397	1.4705	2.42E-01	0.0191	6.9E-05	0.00341	0.26423	3.05E-01	0.024109	5.82E-05	0.001988	3.31E-01	0.300657	0.020735	4.76E-05	0.002112	0.323552
1782	494911.06	3859051.99	2.5495	4.34306	3.50309	1.40643	2.31E-01	0.01837	6.6E-05	0.00326	0.25274	2.92E-01	0.02319	5.57E-05	0.001902	3.17E-01	0.287455	0.019945	4.55E-05	0.00202	0.309465
1783	494961.06	3859051.99	2.37769	4.06716	3.25728	1.30335	2.15E-01	0.01721	6.1E-05	0.00302	0.23576	2.72E-01	0.021717	5.18E-05	0.001762	2.95E-01	0.268084	0.018678	4.23E-05	0.001872	0.288676
1784	495011.06	3859051.99	2.24714	3.83015	3.07023	1.22874	2.04E-01	0.0162	5.7E-05	0.00285	0.22275	2.57E-01	0.020451	4.88E-05	0.001661	2.79E-01	0.253364	0.017589	3.99E-05	0.001765	0.272758
1785	495061.06	3859051.99	2.17106	3.69216	2.95546	1.18765	1.97E-01	0.01562	5.5E-05	0.00275	0.21517	2.48E-01	0.019714	4.7E-05	0.001606	2.70E-01	0.244786	0.016956	3.84E-05	0.001706	0.263486
1786	495111.06	3859051.99	2.12957	3.63295	2.89647	1.16777	1.93E-01	0.01537	5.4E-05	0.0027	0.21111	2.44E-01	0.019398	4.6E-05	0.001579	2.65E-01	0.240108	0.016684	3.76E-05	0.001677	0.258507
1787	495161.06	3859051.99	2.17772	3.72119	2.9617	1.19713	1.97E-01	0.01574	5.5E-05	0.00277	0.21592	2.49E-01	0.019869	4.71E-05	0.001619	2.71E-01	0.245537	0.017089	3.84E-05	0.001719	0.264384
1788	495211.06	3859051.99	2.14344	3.58764	2.88841	1.16661	1.94E-01	0.01518	5.4E-05	0.0027	0.21218	2.45E-01	0.019156	4.59E-05	0.001577	2.66E-01	0.241672	0.016476	3.75E-05	0.001675	0.259861
1789	495261.06	3859051.99	2.16842	3.63543	2.90956	1.17906	1.97E-01	0.01538	5.4E-05	0.00273	0.21467	2.48E-01	0.019411	4.62E-05	0.001594	2.69E-01	0.244489	0.016695	3.78E-05	0.001693	0.262915
1790	495311.06	3859051.99	2.12654	3.54024	2.87406	1.16867	1.93E-01	0.01498	5.4E-05	0.00271	0.21045	2.43E-01	0.018903	4.57E-05	0.00158	2.64E-01	0.239767	0.016258	3.73E-05	0.001678	0.25774
1791	495361.06	3859051.99	2.11432	3.54858	2.87421	1.17123	1.92E-01	0.01501	5.4E-05	0.00271	0.20938	2.42E-01	0.018948	4.57E-05	0.001584	2.62E-01	0.238389	0.016296	3.73E-05	0.001682	0.256405
1792	495411.06	3859051.99	2.13702	3.58439	2.91308	1.1847	1.94E-01	0.01516	5.5E-05	0.00274	0.21162	2.44E-01	0.019139	4.63E-05	0.001602	2.65E-01	0.240948	0.016461	3.78E-05	0.001701	0.259148
1793	495461.06	3859051.99	2.16183	3.62539	2.92498	1.1936	1.96E-01	0.01534	5.5E-05	0.00276	0.21407	2.47E-01	0.019358	4.65E-05	0.001614	2.68E-01	0.243746	0.016649	3.8E-05	0.001714	0.262147
1794	495511.06	3859051.99	2.10602	3.57475	2.83455	1.15823	1.91E-01	0.01512	5.3E-05	0.00268	0.20871	2.41E-01	0.019087	4.5E-05	0.001566	2.62E-01	0.237453	0.016417	3.68E-05	0.001663	0.25557
1795	495561.06	3859051.99	2.07087	3.51552	2.77189	1.13357	1.88E-01	0.01487	5.2E-05	0.00263	0.20522	2.37E-01	0.018771	4.41E-05	0.001533	2.57E-01	0.23349	0.016145	3.6E-05	0.001628	0.251298
1796	495611.06	3859051.99	2.04386	3.46514	2.71416	1.11532	1.85E-01	0.01466	5.1E-05	0.00258	0.20251	2.34E-01	0.018502	4.31E-05	0.001508	2.54E-01	0.230445	0.015913	3.52E-05	0.001602	0.247995
1797	495661.06	3859051.99	2.08212	3.50415	2.74331	1.13728	1.89E-01	0.01482	5.1E-05	0.00263	0.2062	2.38E-01	0.01871	4.36E-05	0.001538	2.58E-01	0.234758	0.016092	3.56E-05	0.001633	0.252519
1798	494311.06	3859101.99	3.5986	5.85018	4.81356	2.26834	3.26E-01	0.02475	9E-05	0.00525	0.35621	4.12E-01	0.031237	7.65E-05	0.003067	4.46E-01	0.405741	0.026866	6.25E-05	0.003257	0.435927
1799	494361.06	3859101.99	3.55349	5.81628	4.75294	2.2322	3.22E-01	0.02461	8.9E-05	0.00517	0.35189	4.06E-01	0.031056	7.55E-05	0.003018	4.41E-01	0.400655	0.026711	6.17E-05	0.003206	0.430633
1800	494411.06	3859101.99	3.51124	5.78395	4.74258	2.21365	3.18E-01	0.02447	8.9E-05	0.00513	0.34788	4.02E-01	0.030884	7.54E-05	0.002993	4.36E-01	0.395891	0.026562	6.16E-05	0.003179	0.425694
1801	494461.06	3859101.99	3.43519	5.65016	4.69628	2.16967	3.11E-01	0.0239	8.8E-05	0.00503	0.34032	3.93E-01	0.030169	7.46E-05	0.002934	4.26E-01	0.387316	0.025948	6.1E-05	0.003116	0.416441
1802	494511.06	3859101.99	3.35796	5.42179	4.60605	2.10105	3.04E-01	0.02294	8.6E-05	0.00487	0.33219	3.84E-01	0.02895	7.32E-05	0.002841	4.16E-01	0.378609	0.024899	5.98E-05	0.003017	0.406585
1803	494561.06	3859101.99	3.30113	5.38608	4.53798	2.04441	2.99E-01	0.02279	8.5E-05	0.00474	0.32676	3.78E-01	0.028759	7.21E-05	0.002764	4.09E-01	0.372201	0.024735	5.89E-05	0.002936	0.399931
1804	494611.06	3859101.99	3.21038	5.19359	4.40593	1.95419	2.91E-01	0.02197	8.2E-05	0.00453	0.31751	3.67E-01	0.027731	7E-05	0.002642	3.98E-01	0.361969	0.023851	5.72E-05	0.002806	0.388684
1805	494661.06	3859101.99	3.15299	5.08798	4.30888	1.89583	2.86E-01	0.02152	8.1E-05	0.00439	0.31173	3.61E-01	0.027167	6.85E-05	0.002563	3.90E-01	0.355499	0.023366	5.59E-05	0.002723	0.381643
1806	494711.06	3859101.99	3.03828	4.94886	4.1175	1.74827	2.75E-01	0.02094	7.7E-05	0.00405	0.3004	3.48E-01	0.026425	6.54E-05	0.002364	3.76E-01	0.342565	0.022727	5.34E-05	0.002511	0.367856
1807	494761.06	3859101.99	3.01293	4.91042	4.09668	1.72575	2.73E-01	0.02077	7.7E-05	0.004	0.29789	3.45E-01	0.026219	6.51E-05	0.002333	3.73E-01	0.339707	0.02255	5.32E-05	0.002478	0.364789
1808	494811.06	3859101.99	2.92061	4.77528	3.97236	1.64666	2.65E-01	0.0202	7.4E-05	0.00381	0.28876	3.34E-01	0.025498	6.31E-05	0.002226	3.62E-01	0.329298	0.02193	5.16E-05	0.002365	0.353644
1809	494861.06	3859101.99	2.85047	4.64251	3.88071	1.58541	2.58E-01	0.01964	7.3E-05	0.00367	0.2817	3.26E-01	0.024789	6.17E-05	0.002144	3.53E-01	0.32139	0.02132	5.04E-05	0.002277	0.345037
1810	494911.06	3859101.99	2.74641	4.51671	3.73206	1.50174	2.49E-01	0.01911	7E-05	0.00348	0.27154	3.14E-01	0.024117	5.93E-05	0.002031	3.40E-01	0.309657	0.020742	4.84E-05	0.002157	0.332604
1811	494961.06	3859101.99	2.53807	4.22307	3.47046	1.39446	2.30E-01	0.01787	6.5E-05	0.00323	0.25117	2.90E-01	0.022549	5.52E-05	0.001885	3.15E-01	0.286167	0.019394	4.5E-05	0.002003	0.307608
1812	495011.06	3859101.99	2.33431	3.89133	3.18879	1.28852	2.12E-01	0.01646	6E-05	0.00298	0.23105	2.67E-01	0.020778	5.07E-05	0.001742	2.90E-01	0.263193	0.01787	4.14E-05	0.00185	0.282955
1813	495061.06	3859101.99	2.34263	3.93413	3.21612	1.29239	2.12E-01	0.01664	6E-05	0.00299	0.23199	2.68E-01	0.021006	5.11E-05	0.001747	2.91E-01	0.264131	0.018067	4.17E-05	0.001856	0.284095
1814	495111.06	3859101.99	2.29355	3.90112	3.1458	1.26346	2.08E-01	0.0165	5.9E-05	0.00293	0.22734	2.62E-01	0.02083	5E-05	0.001708	2.85E-01	0.258597	0.017915	4.08E-05	0.001814	0.278368
1815	495161.06	3859101.99	2.336	4.00206	3.19723	1.29257	2.12E-01	0.01693	6E-05	0.00299	0.23168	2.67E-01	0.021369	5.08E-05	0.001748	2.90E-01	0.263383	0.018379	4.15E-05	0.001856	0.28366
1816	495211.06	3859101.99	2.29044	3.96178	3.13537	1.26985	2.08E-01	0.01676	5.9E-05	0.00294	0.22732	2.62E-01	0.021154	4.98E-05	0.001717	2.85E-01	0.258246	0.018194	4.07E-05	0.001824	0.278305
1817	495261.06	3859101.99	2.31305	3.99839	3.15379	1.27813	2.10E-01	0.01692	5.9E-05	0.00296	0.22955	2.65E-01	0.021349	5.01E-05	0.001728	2.88E-01	0.260796	0.018362	4.09E-05	0.001835	0.281034
1818	495311.06	3859101.99	2.31228	3.93391	3.13928	1.26037	2.10E-01	0.01664	5.9E-05	0.00292	0.22916	2.64E-01	0.021005	4.99E-05	0.001704	2.87E-01	0.260709	0.018066	4.07E-05	0.00181	0.280625
1819	495361.06	3859101.99	2.32572	3.97705	3.14478	1.28147	2.11E-01	0.01682	5.9E-05	0.00297	0.23061	2.66E-01	0.021236	5E-05	0.001733	2.89E-01	0.262224	0.018264	4.08E-05	0.00184	0.282369
1820	495411.06	3859101.99	2.31834	3.96125	3.12827	1.28162	2.10E-01	0.01676	5.9E-05	0.00297	0.22988	2.65E-01	0.021151	4.97E-05	0.001733	2.88E-01	0.261392	0.018192	4.06E-05	0.00184	0.281465
1821	495461.06	3859101.99	2.26156	3.84984	3.08366	1.25737	2.05E-01	0.01629	5.8E-05	0.00291	0.2242	2.59E-01	0.020556	4.9E-05	0.0017	2.81E-01	0.25499	0.01768	4E-05	0.001806	0.274516
1822	495511.06	3859101.99	2.25331	3.80066	3.06772	1.25286	2.04E-01	0.01608	5.7E-05	0.0029	0.22324	2.58E-01	0.020294	4.88E-05	0.001694	2.80E-01	0.25406	0.017454	3.98E-05	0.001799	0.273353
1823	495561.06	3859101.99	2.23247	3.72142	3.0144	1.23585	2.02E-01	0.01574	5.6E-05	0.00286	0.22097	2.55E-01	0.019871	4.79E-05	0.001671	2.77E-01	0.25171	0.01709	3.91E-05	0.001775	0.270614
1824	495611.06	3859101.99	2.1941	3.67301	2.95011	1.21303	1.99E-01	0.01554	5.5E-05	0.00281	0.21724	2.51E-01	0.019612	4.69E-05	0.00164	2.72E-01	0.247384	0.016868	3.83E-05	0.001742	0.266032
1825	495661.06	3859101.99	2.21271	3.7117	2.94241	1.21312	2.01E-01	0.0157	5.5E-05	0.00281	0.21909	2.53E-01	0.019819	4.68E-05	0.00164	2.75E-01	0.249482	0.017046	3.82E-05	0.001742	0.268308
1826	494311.06	3859151.99	3.7439	5.75988	5.05085	2.54139	3.39E-01	0.02437	9.5E-05	0.00589	0.36963	4.28E-01	0.030755	8.03E-05	0.003436	4.62E-01	0.422123	0.026452	6.56E-05	0.00365	0.45229

1827	494361.06	3859151.99	3.70275	5.75415	4.9943	2.50626	3.36E-01	0.02434	9.3E-05	0.0058	0.36579	4.24E-01	0.030724	7.94E-05	0.003389	4.58E-01	0.417484	0.026425	6.48E-05	0.003599	0.447573
1828	494411.06	3859151.99	3.6396	5.77792	4.8934	2.41532	3.30E-01	0.02444	9.2E-05	0.00559	0.35996	4.16E-01	0.030851	7.78E-05	0.003266	4.50E-01	0.410364	0.026534	6.35E-05	0.003469	0.44043
1829	494461.06	3859151.99	3.57567	5.769	4.78632	2.31814	3.24E-01	0.02441	9E-05	0.00537	0.3539	4.09E-01	0.030804	7.61E-05	0.003134	4.43E-01	0.403156	0.026493	6.21E-05	0.003329	0.43304
1830	494511.06	3859151.99	3.4906	5.64817	4.67665	2.21388	3.16E-01	0.02389	8.8E-05	0.00513	0.34544	3.99E-01	0.030159	7.43E-05	0.002993	4.32E-01	0.393564	0.025938	6.07E-05	0.003179	0.422742
1831	494561.06	3859151.99	3.42053	5.61167	4.6335	2.17382	3.10E-01	0.02374	8.7E-05	0.00503	0.33884	3.91E-01	0.029964	7.36E-05	0.002939	4.24E-01	0.385664	0.025771	6.01E-05	0.003122	0.414616
1832	494611.06	3859151.99	3.32774	5.4758	4.5366	2.09655	3.02E-01	0.02317	8.5E-05	0.00486	0.32967	3.81E-01	0.029238	7.21E-05	0.002835	4.13E-01	0.375202	0.025147	5.89E-05	0.003011	0.403418
1833	494661.06	3859151.99	3.27486	5.30703	4.48296	2.04849	2.97E-01	0.02245	8.4E-05	0.00474	0.32405	3.75E-01	0.028337	7.12E-05	0.00277	4.06E-01	0.369239	0.024372	5.82E-05	0.002942	0.396611
1834	494711.06	3859151.99	3.23915	5.17967	4.43874	2.00985	2.94E-01	0.02191	8.3E-05	0.00466	0.32019	3.70E-01	0.027657	7.05E-05	0.002718	4.01E-01	0.365213	0.023787	5.76E-05	0.002886	0.391944
1835	494761.06	3859151.99	3.14365	5.05659	4.29551	1.91476	2.85E-01	0.02139	8E-05	0.00443	0.31079	3.60E-01	0.027	6.83E-05	0.002589	3.89E-01	0.354445	0.023222	5.58E-05	0.00275	0.380473
1836	494811.06	3859151.99	3.05876	4.9315	4.14518	1.80954	2.77E-01	0.02086	7.8E-05	0.00419	0.30232	3.50E-01	0.026332	6.59E-05	0.002447	3.79E-01	0.344874	0.022647	5.38E-05	0.002599	0.370174
1837	494861.06	3859151.99	3.00806	4.84513	4.06596	1.74687	2.73E-01	0.0205	7.6E-05	0.00405	0.29722	3.44E-01	0.025871	6.46E-05	0.002362	3.72E-01	0.339158	0.022251	5.28E-05	0.002509	0.36397
1838	494911.06	3859151.99	2.87444	4.70015	3.88306	1.61927	2.60E-01	0.01988	7.3E-05	0.00375	0.2842	3.29E-01	0.025097	6.17E-05	0.002189	3.56E-01	0.324092	0.021585	5.04E-05	0.002325	0.348053
1839	494961.06	3859151.99	2.69755	4.38641	3.6455	1.47402	2.44E-01	0.01856	6.8E-05	0.00341	0.2665	3.09E-01	0.023421	5.79E-05	0.001993	3.34E-01	0.304148	0.020144	4.73E-05	0.002117	0.326456
1840	495011.06	3859151.99	2.51036	4.13387	3.39469	1.38394	2.27E-01	0.01749	6.4E-05	0.00321	0.24825	2.87E-01	0.022073	5.4E-05	0.001871	3.11E-01	0.283042	0.018984	4.41E-05	0.001987	0.304058
1841	495061.06	3859151.99	2.50485	4.10543	3.40868	1.38325	2.27E-01	0.01737	6.4E-05	0.0032	0.24763	2.87E-01	0.021921	5.42E-05	0.00187	3.10E-01	0.282421	0.018854	4.42E-05	0.001986	0.303305
1842	495111.06	3859151.99	2.47226	4.08067	3.38994	1.36962	2.24E-01	0.01726	6.3E-05	0.00317	0.24454	2.83E-01	0.021789	5.39E-05	0.001852	3.06E-01	0.278746	0.01874	4.4E-05	0.001967	0.299497
1843	495161.06	3859151.99	2.50873	4.16683	3.4633	1.4003	2.27E-01	0.01763	6.5E-05	0.00324	0.24828	2.87E-01	0.022249	5.5E-05	0.001893	3.11E-01	0.282858	0.019136	4.5E-05	0.002011	0.30405
1844	495211.06	3859151.99	2.49017	4.14408	3.4228	1.39366	2.26E-01	0.01753	6.4E-05	0.00323	0.24649	2.85E-01	0.022127	5.44E-05	0.001884	3.09E-01	0.280766	0.019031	4.44E-05	0.002001	0.301843
1845	495261.06	3859151.99	2.47193	4.14132	3.39398	1.38867	2.24E-01	0.01752	6.4E-05	0.00322	0.24481	2.83E-01	0.022113	5.39E-05	0.001878	3.07E-01	0.278709	0.019018	4.41E-05	0.001994	0.299766
1846	495311.06	3859151.99	2.47484	4.16673	3.37626	1.38885	2.24E-01	0.01763	6.3E-05	0.00322	0.24518	2.83E-01	0.022248	5.37E-05	0.001878	3.07E-01	0.279037	0.019135	4.38E-05	0.001994	0.300211
1847	495361.06	3859151.99	2.47254	4.21483	3.35925	1.37979	2.24E-01	0.01783	6.3E-05	0.0032	0.24516	2.83E-01	0.022505	5.34E-05	0.001866	3.07E-01	0.278778	0.019356	4.36E-05	0.001981	0.300159
1848	495411.06	3859151.99	2.51639	4.30334	3.43207	1.41421	2.28E-01	0.01821	6.4E-05	0.00328	0.24959	2.88E-01	0.022978	5.45E-05	0.001912	3.13E-01	0.283722	0.019763	4.45E-05	0.002031	0.30556
1849	495461.06	3859151.99	2.48672	4.28438	3.40887	1.41308	2.25E-01	0.01813	6.4E-05	0.00327	0.24681	2.84E-01	0.022877	5.42E-05	0.001911	3.09E-01	0.280377	0.019675	4.42E-05	0.002029	0.302126
1850	495511.06	3859151.99	2.425	4.16341	3.29598	1.36862	2.20E-01	0.01761	6.2E-05	0.00317	0.2406	2.77E-01	0.022231	5.24E-05	0.001851	3.02E-01	0.273418	0.01912	4.28E-05	0.001965	0.294546
1851	495561.06	3859151.99	2.3797	4.09761	3.23422	1.34341	2.16E-01	0.01733	6.1E-05	0.00311	0.23616	2.72E-01	0.021879	5.14E-05	0.001816	2.96E-01	0.26831	0.018818	4.2E-05	0.001929	0.289099
1852	495611.06	3859151.99	2.35654	4.02304	3.17483	1.32677	2.14E-01	0.01702	5.9E-05	0.00307	0.23371	2.70E-01	0.021481	5.05E-05	0.001794	2.93E-01	0.265699	0.018475	4.12E-05	0.001905	0.286121
1853	495661.06	3859151.99	2.3455	3.96029	3.13621	1.31098	2.13E-01	0.01675	5.9E-05	0.00304	0.2324	2.68E-01	0.021146	4.98E-05	0.001773	2.91E-01	0.264454	0.018187	4.07E-05	0.001883	0.284565
1854	494311.06	3859201.99	3.85549	6.05633	5.16836	2.79379	3.49E-01	0.02562	9.7E-05	0.00647	0.38158	4.41E-01	0.032338	8.21E-05	0.003778	4.77E-01	0.434705	0.027813	6.71E-05	0.004012	0.466597
1855	494361.06	3859201.99	3.82217	6.02057	5.14195	2.74876	3.46E-01	0.02547	9.6E-05	0.00637	0.37831	4.37E-01	0.032147	8.17E-05	0.003717	4.73E-01	0.430948	0.027649	6.67E-05	0.003947	0.462611
1856	494411.06	3859201.99	3.7668	5.90849	5.09553	2.67804	3.41E-01	0.025	9.5E-05	0.0062	0.37265	4.31E-01	0.031549	8.1E-05	0.003621	4.66E-01	0.424705	0.027134	6.61E-05	0.003846	0.455751
1857	494461.06	3859201.99	3.68872	5.708	4.9884	2.54969	3.34E-01	0.02415	9.3E-05	0.00591	0.36443	4.22E-01	0.030478	7.93E-05	0.003447	4.56E-01	0.415902	0.026213	6.48E-05	0.003661	0.445841
1858	494511.06	3859201.99	3.63833	5.54032	4.90373	2.46882	3.30E-01	0.02344	9.2E-05	0.00572	0.35896	4.16E-01	0.029583	7.79E-05	0.003338	4.49E-01	0.41022	0.025443	6.37E-05	0.003545	0.439273
1859	494561.06	3859201.99	3.55228	5.47639	4.76665	2.33308	3.22E-01	0.02317	8.9E-05	0.0054	0.35058	4.06E-01	0.029241	7.58E-05	0.003155	4.39E-01	0.400518	0.02515	6.19E-05	0.00335	0.42908
1860	494611.06	3859201.99	3.48056	5.47819	4.65626	2.2414	3.15E-01	0.02318	8.7E-05	0.00519	0.34387	3.98E-01	0.029251	7.4E-05	0.003031	4.30E-01	0.392432	0.025158	6.04E-05	0.003219	0.420869
1861	494661.06	3859201.99	3.41645	5.45668	4.596	2.18171	3.10E-01	0.02308	8.6E-05	0.00505	0.33783	3.91E-01	0.029136	7.3E-05	0.00295	4.23E-01	0.385204	0.025059	5.97E-05	0.003133	0.413455
1862	494711.06	3859201.99	3.33808	5.39691	4.53468	2.13356	3.03E-01	0.02283	8.5E-05	0.00494	0.33036	3.82E-01	0.028817	7.21E-05	0.002885	4.14E-01	0.376367	0.024785	5.89E-05	0.003064	0.404275
1863	494761.06	3859201.99	3.25286	5.23932	4.41469	2.04383	2.95E-01	0.02216	8.3E-05	0.00473	0.32176	3.72E-01	0.027975	7.02E-05	0.002763	4.03E-01	0.366759	0.024061	5.73E-05	0.002935	0.393812
1864	494811.06	3859201.99	3.17883	5.11628	4.32158	1.967	2.88E-01	0.02164	8.1E-05	0.00456	0.31435	3.64E-01	0.027318	6.87E-05	0.00266	3.94E-01	0.358412	0.023496	5.61E-05	0.002825	0.384789
1865	494861.06	3859201.99	3.09569	4.87443	4.20197	1.85024	2.81E-01	0.02062	7.9E-05	0.00429	0.30552	3.54E-01	0.026027	6.68E-05	0.002502	3.83E-01	0.349038	0.022385	5.45E-05	0.002657	0.374135
1866	494911.06	3859201.99	2.96874	4.71905	4.02002	1.73767	2.69E-01	0.01996	7.5E-05	0.00402	0.2931	3.40E-01	0.025197	6.39E-05	0.00235	3.67E-01	0.334724	0.021672	5.22E-05	0.002495	0.358944
1867	494961.06	3859201.99	2.83511	4.54962	3.80013	1.59149	2.57E-01	0.01925	7.1E-05	0.00369	0.27993	3.24E-01	0.024293	6.04E-05	0.002152	3.51E-01	0.319658	0.020894	4.93E-05	0.002285	0.342886
1868	495011.06	3859201.99	2.60554	4.23394	3.50277	1.424	2.36E-01	0.01791	6.6E-05	0.0033	0.2574	2.98E-01	0.022607	5.57E-05	0.001925	3.23E-01	0.293774	0.019444	4.55E-05	0.002045	0.315308
1869	495061.06	3859201.99	2.7012	4.37253	3.62037	1.49217	2.45E-01	0.0185	6.8E-05	0.00346	0.26681	3.09E-01	0.023347	5.75E-05	0.002018	3.34E-01	0.304559	0.02008	4.7E-05	0.002143	0.326829
1870	495111.06	3859201.99	2.69993	4.35918	3.63708	1.4982	2.45E-01	0.01844	6.8E-05	0.00347	0.26665	3.09E-01	0.023276	5.78E-05	0.002026	3.34E-01	0.304416	0.020019	4.72E-05	0.002151	0.326634
1871	495161.06	3859201.99	2.69511	4.33328	3.66841	1.49931	2.44E-01	0.01833	6.9E-05	0.00347	0.26611	3.08E-01	0.023138	5.83E-05	0.002027	3.33E-01	0.303873	0.0199	4.76E-05	0.002153	0.325973
1872	495211.06	3859201.99	2.6397	4.29773	3.6318	1.47903	2.39E-01	0.01818	6.8E-05	0.00343	0.26089	3.02E-01	0.022948	5.77E-05	0.002	3.27E-01	0.297625	0.019737	4.71E-05	0.002124	0.319533
1873	495261.06	3859201.99	2.6355	4.29765	3.62987	1.49727	2.39E-01	0.01818	6.8E-05	0.00347	0.26055	3.01E-01	0.022947	5.77E-05	0.002024	3.26E-01	0.297152	0.019736	4.71E-05	0.00215	0.319085
1874	495311.06	3859201.99	2.62172	4.29668	3.59915	1.50276	2.38E-01	0.01818	6.7E-05	0.00348	0.25931	3.00E-01	0.022942	5.72E-05	0.002032	3.25E-01	0.295598	0.019732	4.67E-05	0.002158	0.317535
1875	495361.06	3859201.99	2.61743	4.3192	3.58238	1.50828	2.37E-01	0.01827	6.7E-05	0.00349	0.25903	2.99E-01	0.023062	5.69E-05	0.002039	3.25E-01	0.295114	0.019835	4.65E-05	0.002166	0.317162
1876	495411.06	3859201.99	2.65721	4.35001	3.60252	1.52985	2.41E-01	0.0184	6.7E-05	0.00354	0.26282	3.04E-01	0.023227	5.73E-05	0.002069	3.29E-01	0.2996	0.019977	4.68E-05	0.002197	0.32182
1877	495461.06	3859201.99	2.65145	4.36582	3.59051	1.51608	2.40E-01	0.01847	6.7E-05	0.00351	0.26233	3.03E-01	0.023311	5.71E-05	0.00205	3.29E-01	0.29895	0.020049	4.66E-05	0.002177	0.321223
1878	495511.06	3859201.99	2.63082	4.37081	3.58002	1.50869	2.38E-01	0.01849	6.7E-05	0.00349	0.26046	3.01E-01	0.023338	5.69E-05	0.00204	3.26E-01	0.296624	0.020072	4.65E-05	0.002167	0.318909
1879	495561.06	3859201.99	2.55564	4.33467	3.50418	1.4698	2.32E-01	0.01834	6.6E-05	0.0034	0.25341	2.92E-01	0.023145	5.57E-05	0.001987	3.17E-01	0.288148	0.019906	4.55E-05	0.002111	0.31021
1880	495611.06	3859201.99	2.50595	4.29034	3.42696	1.44735	2.27E-01	0.01815	6.4E-05	0.00335	0.24866	2.87E-01	0.022908	5.45E-05	0.001957	3.12E-01	0.282545	0.019703	4.45E-05	0.002078	0.304371
1881	495661.06	3859201.99	2.46858	4.26247	3.36026	1.43005	2.24E-01	0.01803	6.3E-05	0.00331	0.24512	2.82E-01	0.02276	5.34E-05	0.001934	3.07E-01	0.278332	0.019575	4.36E-05	0.002054	0.300004
1882	494311.06	3859251.99	3.93071	5.87837	5.29415	3.00818	3.56E-01	0.02487	9.9E-05	0.00697	0.38814	4.50E-01	0.031388	8.41E-05	0.004067	4.85E-01	0.443186	0.026996	6.87E-05	0.00432	0.47457
1883	494361.06	3859251.99	3.88773	5.9145	5.23651	2.94959	3.52E-01	0.02502	9.8E-05	0.00683	0.38427	4.45E-01	0.031581	8.32E-05	0.003988	4.80E-01	0.43834	0.027162	6.8E-05	0.004236	0.469806
1884	494411.06	3859251.99	3.83615	5.80553	5.15395	2.83811	3.48E-01	0.02456	9.6E-05	0.00657	0.37887	4.39E-01	0.030999	8.19E-05	0.003837	4.74E-01	0.432525	0.026661	6.69E-05	0.004076	0.463328
1885	494461.06	3859251.99	3.79977	5.81207	5.07962	2.77232	3.44E-01	0.02459	9.5E-05	0.00642	0.37545	4.35E-01	0.031034	8.07E-05	0.003748	4.69E-01	0.428423	0.026691	6.59E-05	0.003981	0.459161
1886	494511.06	3859251.99	3.71685	5.78118	5.01241	2.64907	3.37E-01	0.02446	9.4E-05	0.00614	0.36752	4.25E-01	0.030869	7.97E-05	0.003582	4.60E-01	0.419074	0.026549	6.51E-05	0.003804	0.449492
1887	494561.06	3859251.99	3.65775	5.6712	4.95192	2.56192	3.31E-01	0.02399	9.3E-05	0.00593	0.36149	4.18E-01	0.030281	7.87E-05	0.003464	4.52E-01	0.41241	0.026044	6.43E-05	0.003679	0.442198

1888	494611.06	3859251.99	3.59206	5.51195	4.84112	2.43926	3.26E-01	0.02332	9.1E-05	0.00565	0.35458	4.11E-01	0.029431	7.69E-05	0.003298	4.44E-01	0.405004	0.025313	6.28E-05	0.003503	0.433882
1889	494661.06	3859251.99	3.55049	5.41249	4.76591	2.37929	3.22E-01	0.0229	8.9E-05	0.00551	0.35025	4.06E-01	0.0289	7.57E-05	0.003217	4.38E-01	0.400317	0.024856	6.19E-05	0.003417	0.428651
1890	494711.06	3859251.99	3.48562	5.2907	4.67026	2.29232	3.16E-01	0.02238	8.7E-05	0.00531	0.34365	3.99E-01	0.02825	7.42E-05	0.003099	4.30E-01	0.393002	0.024297	6.06E-05	0.003292	0.420652
1891	494761.06	3859251.99	3.35242	5.13341	4.48501	2.0897	3.04E-01	0.02172	8.4E-05	0.00484	0.33044	3.83E-01	0.02741	7.13E-05	0.002826	4.14E-01	0.377984	0.023575	5.82E-05	0.003001	0.404618
1892	494811.06	3859251.99	3.2956	5.11364	4.46187	2.10054	2.99E-01	0.02163	8.4E-05	0.00487	0.32524	3.77E-01	0.027304	7.09E-05	0.00284	4.07E-01	0.371578	0.023484	5.79E-05	0.003016	0.398136
1893	494861.06	3859251.99	3.1584	4.97638	4.29695	1.94259	2.86E-01	0.02105	8E-05	0.0045	0.31185	3.61E-01	0.026571	6.83E-05	0.002627	3.91E-01	0.356109	0.022853	5.58E-05	0.00279	0.381807
1894	494911.06	3859251.99	3.04014	4.77036	4.11605	1.83076	2.76E-01	0.02018	7.7E-05	0.00424	0.3	3.48E-01	0.025471	6.54E-05	0.002475	3.76E-01	0.342775	0.021907	5.34E-05	0.002629	0.367365
1895	494961.06	3859251.99	2.97988	4.69205	4.02984	1.77516	2.70E-01	0.01985	7.5E-05	0.00411	0.29408	3.41E-01	0.025053	6.4E-05	0.0024	3.68E-01	0.33598	0.021548	5.23E-05	0.002549	0.36013
1896	495011.06	3859251.99	2.90705	4.58258	3.91857	1.69495	2.63E-01	0.01939	7.3E-05	0.00393	0.28683	3.33E-01	0.024469	6.23E-05	0.002292	3.59E-01	0.327769	0.021045	5.09E-05	0.002434	0.351299
1897	495061.06	3859251.99	2.92063	4.60323	3.92049	1.70906	2.65E-01	0.01947	7.3E-05	0.00396	0.28818	3.34E-01	0.024579	6.23E-05	0.002311	3.61E-01	0.3293	0.02114	5.09E-05	0.002454	0.352945
1898	495111.06	3859251.99	2.89518	4.6039	3.87818	1.67992	2.62E-01	0.01948	7.3E-05	0.00389	0.28581	3.31E-01	0.024583	6.16E-05	0.002271	3.58E-01	0.326431	0.021143	5.03E-05	0.002412	0.350036
1899	495161.06	3859251.99	2.87504	4.60433	3.86042	1.67109	2.61E-01	0.01948	7.2E-05	0.00387	0.28396	3.29E-01	0.024585	6.14E-05	0.002259	3.56E-01	0.32416	0.021145	5.01E-05	0.0024	0.347754
1900	495211.06	3859251.99	2.84445	4.57281	3.801	1.64696	2.58E-01	0.01935	7.1E-05	0.00381	0.281	3.25E-01	0.024417	6.04E-05	0.002227	3.52E-01	0.320711	0.021	4.93E-05	0.002365	0.344125
1901	495261.06	3859251.99	2.8314	4.53862	3.84384	1.6251	2.57E-01	0.0192	7.2E-05	0.00376	0.27962	3.24E-01	0.024234	6.11E-05	0.002197	3.50E-01	0.319239	0.020843	4.99E-05	0.002334	0.342466
1902	495311.06	3859251.99	2.80462	4.55789	3.86084	1.64638	2.54E-01	0.01928	7.2E-05	0.00381	0.27733	3.21E-01	0.024337	6.14E-05	0.002226	3.47E-01	0.31622	0.020932	5.01E-05	0.002364	0.339566
1903	495361.06	3859251.99	2.77327	4.52545	3.81726	1.63614	2.51E-01	0.01914	7.1E-05	0.00379	0.27433	3.17E-01	0.024164	6.07E-05	0.002212	3.44E-01	0.312685	0.020783	4.95E-05	0.00235	0.335867
1904	495411.06	3859251.99	2.7835	4.49796	3.81305	1.66628	2.52E-01	0.01903	7.1E-05	0.00386	0.27521	3.18E-01	0.024017	6.06E-05	0.002253	3.45E-01	0.313839	0.020656	4.95E-05	0.002393	0.336937
1905	495461.06	3859251.99	2.77497	4.48833	3.77457	1.6624	2.51E-01	0.01899	7.1E-05	0.00385	0.27438	3.17E-01	0.023966	6E-05	0.002248	3.44E-01	0.312877	0.020612	4.9E-05	0.002387	0.335925
1906	495511.06	3859251.99	2.72753	4.40252	3.69293	1.61189	2.47E-01	0.01862	6.9E-05	0.00373	0.2696	3.12E-01	0.023507	5.87E-05	0.002179	3.38E-01	0.307528	0.020218	4.79E-05	0.002315	0.330109
1907	495561.06	3859251.99	2.71339	4.38942	3.65078	1.59008	2.46E-01	0.01857	6.8E-05	0.00368	0.26821	3.10E-01	0.023437	5.8E-05	0.00215	3.36E-01	0.305934	0.020158	4.74E-05	0.002283	0.328422
1908	495611.06	3859251.99	2.66397	4.34506	3.59854	1.54733	2.41E-01	0.01838	6.7E-05	0.00358	0.26345	3.05E-01	0.023201	5.72E-05	0.002092	3.30E-01	0.300362	0.019954	4.67E-05	0.002222	0.322585
1909	495661.06	3859251.99	2.62352	4.31366	3.57676	1.53144	2.38E-01	0.01825	6.7E-05	0.00355	0.25961	3.00E-01	0.023033	5.68E-05	0.002071	3.25E-01	0.295801	0.01981	4.64E-05	0.002199	0.317857
1910	494311.06	3859301.99	4.01198	5.9463	5.41229	3.28567	3.64E-01	0.02516	0.0001	0.00761	0.39644	4.59E-01	0.03175	8.6E-05	0.004443	4.95E-01	0.452349	0.027308	7.03E-05	0.004718	0.484446
1911	494361.06	3859301.99	3.95346	5.86094	5.34255	3.1825	3.58E-01	0.02479	0.0001	0.00737	0.39054	4.52E-01	0.031295	8.49E-05	0.004303	4.88E-01	0.445751	0.026916	6.93E-05	0.00457	0.477306
1912	494411.06	3859301.99	3.90711	5.71739	5.26203	3.04177	3.54E-01	0.02419	9.9E-05	0.00705	0.3854	4.47E-01	0.030528	8.36E-05	0.004113	4.82E-01	0.440525	0.026256	6.83E-05	0.004368	0.471218
1913	494461.06	3859301.99	3.85216	5.63727	5.17964	2.90467	3.49E-01	0.02385	9.7E-05	0.00673	0.37976	4.41E-01	0.0301	8.23E-05	0.003927	4.75E-01	0.43433	0.025888	6.72E-05	0.004171	0.464457
1914	494511.06	3859301.99	3.79683	5.60108	5.11627	2.83229	3.44E-01	0.0237	9.6E-05	0.00656	0.37443	4.34E-01	0.029907	8.13E-05	0.00383	4.68E-01	0.428091	0.025722	6.64E-05	0.004067	0.457947
1915	494561.06	3859301.99	3.75927	5.5924	5.04577	2.76912	3.41E-01	0.02366	9.4E-05	0.00641	0.37084	4.30E-01	0.029861	8.02E-05	0.003744	4.64E-01	0.423856	0.025682	6.55E-05	0.003977	0.453581
1916	494611.06	3859301.99	3.70261	5.56489	4.96132	2.68621	3.36E-01	0.02354	9.3E-05	0.00622	0.3654	4.23E-01	0.029714	7.89E-05	0.003632	4.57E-01	0.417468	0.025556	6.44E-05	0.003858	0.446946
1917	494661.06	3859301.99	3.64337	5.58178	4.91111	2.6024	3.30E-01	0.02361	9.2E-05	0.00603	0.3599	4.17E-01	0.029804	7.81E-05	0.003519	4.50E-01	0.410789	0.025634	6.37E-05	0.003737	0.440223
1918	494711.06	3859301.99	3.5715	5.5268	4.82979	2.47876	3.24E-01	0.02338	9E-05	0.00574	0.35287	4.09E-01	0.02951	7.68E-05	0.003352	4.41E-01	0.402685	0.025381	6.27E-05	0.00356	0.431689
1919	494761.06	3859301.99	3.51913	5.37864	4.72001	2.37588	3.19E-01	0.02275	8.8E-05	0.0055	0.34726	4.03E-01	0.028719	7.5E-05	0.003212	4.35E-01	0.396781	0.024701	6.13E-05	0.003412	0.424955
1920	494811.06	3859301.99	3.43118	5.20713	4.58371	2.22554	3.11E-01	0.02203	8.6E-05	0.00515	0.33821	3.92E-01	0.027804	7.28E-05	0.003009	4.23E-01	0.386864	0.023913	5.95E-05	0.003196	0.414033
1921	494861.06	3859301.99	3.3005	4.96793	4.38199	2.05135	2.99E-01	0.02102	8.2E-05	0.00475	0.32495	3.78E-01	0.026526	6.96E-05	0.002774	4.07E-01	0.37213	0.022815	5.69E-05	0.002946	0.397948
1922	494911.06	3859301.99	3.22044	4.8547	4.3001	1.98589	2.92E-01	0.02054	8E-05	0.0046	0.31706	3.68E-01	0.025922	6.83E-05	0.002685	3.97E-01	0.363104	0.022295	5.58E-05	0.002852	0.388306
1923	494961.06	3859301.99	3.05459	4.67713	4.11248	1.8516	2.77E-01	0.01979	7.7E-05	0.00429	0.30097	3.49E-01	0.024974	6.54E-05	0.002504	3.77E-01	0.344404	0.021479	5.34E-05	0.002659	0.368595
1924	495011.06	3859301.99	2.99537	4.66639	4.05066	1.79818	2.71E-01	0.01974	7.6E-05	0.00416	0.29543	3.43E-01	0.024916	6.44E-05	0.002431	3.70E-01	0.337727	0.02143	5.26E-05	0.002582	0.361792
1925	495061.06	3859301.99	3.06588	4.74126	4.16676	1.87688	2.78E-01	0.02006	7.8E-05	0.00435	0.30232	3.51E-01	0.025316	6.62E-05	0.002538	3.79E-01	0.345677	0.021774	5.41E-05	0.002695	0.3702
1926	495111.06	3859301.99	2.99813	4.66316	4.06002	1.8065	2.72E-01	0.01973	7.6E-05	0.00418	0.29568	3.43E-01	0.024899	6.45E-05	0.002443	3.70E-01	0.338038	0.021415	5.27E-05	0.002594	0.3621
1927	495161.06	3859301.99	2.99307	4.68473	4.03288	1.8303	2.71E-01	0.01982	7.5E-05	0.00424	0.29537	3.42E-01	0.025014	6.41E-05	0.002475	3.70E-01	0.337468	0.021514	5.23E-05	0.002628	0.361662
1928	495211.06	3859301.99	3.01324	4.73729	4.03543	1.87313	2.73E-01	0.02004	7.6E-05	0.00434	0.29752	3.45E-01	0.025295	6.41E-05	0.002533	3.73E-01	0.339742	0.021755	5.24E-05	0.00269	0.364239
1929	495261.06	3859301.99	3.00551	4.72892	4.04515	1.86523	2.72E-01	0.02001	7.6E-05	0.00432	0.29677	3.44E-01	0.02525	6.43E-05	0.002522	3.72E-01	0.33887	0.021717	5.25E-05	0.002679	0.363318
1930	495311.06	3859301.99	2.95201	4.65913	3.96343	1.80205	2.68E-01	0.01971	7.4E-05	0.00417	0.29148	3.38E-01	0.024878	6.3E-05	0.002437	3.65E-01	0.332838	0.021396	5.14E-05	0.002588	0.356874
1931	495361.06	3859301.99	2.94884	4.71027	3.99675	1.80452	2.67E-01	0.01993	7.5E-05	0.00418	0.29141	3.37E-01	0.025151	6.35E-05	0.00244	3.65E-01	0.332481	0.021631	5.19E-05	0.002591	0.356755
1932	495411.06	3859301.99	2.91072	4.69114	4.0122	1.79382	2.64E-01	0.01985	7.5E-05	0.00415	0.28785	3.33E-01	0.025048	6.38E-05	0.002425	3.60E-01	0.328183	0.021543	5.21E-05	0.002576	0.352354
1933	495461.06	3859301.99	2.88362	4.65994	3.97892	1.79626	2.61E-01	0.01971	7.4E-05	0.00416	0.28527	3.30E-01	0.024882	6.32E-05	0.002429	3.57E-01	0.325127	0.0214	5.16E-05	0.00258	0.349159
1934	495511.06	3859301.99	2.84408	4.6057	3.90234	1.76084	2.58E-01	0.01948	7.3E-05	0.00408	0.28137	3.25E-01	0.024592	6.2E-05	0.002381	3.52E-01	0.320669	0.021151	5.07E-05	0.002529	0.344399
1935	495561.06	3859301.99	2.77457	4.51549	3.8016	1.68596	2.51E-01	0.0191	7.1E-05	0.00391	0.27452	3.17E-01	0.024111	6.04E-05	0.00228	3.44E-01	0.312832	0.020737	4.93E-05	0.002421	0.336039
1936	495611.06	3859301.99	2.76275	4.42825	3.75258	1.67589	2.50E-01	0.01873	7E-05	0.00388	0.27305	3.16E-01	0.023645	5.96E-05	0.002266	3.42E-01	0.311499	0.020336	4.87E-05	0.002407	0.334291
1937	495661.06	3859301.99	2.74917	4.37215	3.70204	1.66312	2.49E-01	0.0185	6.9E-05	0.00385	0.27155	3.14E-01	0.023345	5.88E-05	0.002249	3.40E-01	0.309968	0.020079	4.81E-05	0.002388	0.332483
1938	494311.06	3859351.99	4.15565	5.90492	5.50074	3.476	3.77E-01	0.02498	0.0001	0.00805	0.40973	4.75E-01	0.031529	8.74E-05	0.0047	5.12E-01	0.468548	0.027118	7.14E-05	0.004992	0.500729
1939	494361.06	3859351.99	4.08266	5.87831	5.42527	3.3692	3.70E-01	0.02487	0.0001	0.0078	0.40275	4.67E-01	0.031387	8.62E-05	0.004556	5.03E-01	0.460319	0.026995	7.04E-05	0.004838	0.492223
1940	494411.06	3859351.99	3.99874	5.85664	5.3481	3.23001	3.62E-01	0.02478	0.0001	0.00748	0.39473	4.57E-01	0.031272	8.5E-05	0.004367	4.93E-01	0.450857	0.026896	6.94E-05	0.004638	0.48246
1941	494461.06	3859351.99	3.91162	5.76498	5.27947	3.11569	3.54E-01	0.02439	9.9E-05	0.00722	0.38618	4.47E-01	0.030782	8.39E-05	0.004213	4.82E-01	0.441034	0.026475	6.85E-05	0.004474	0.472052
1942	494511.06	3859351.99	3.86068	5.69166	5.19906	3.00405	3.50E-01	0.02408	9.7E-05	0.00696	0.381	4.42E-01	0.030391	8.26E-05	0.004062	4.76E-01	0.43529	0.026138	6.75E-05	0.004314	0.46581
1943	494561.06	3859351.99	3.8299	5.58027	5.13791	2.93241	3.47E-01	0.02361	9.6E-05	0.00679	0.37757	4.38E-01	0.029796	8.17E-05	0.003965	4.72E-01	0.43182	0.025627	6.67E-05	0.004211	0.461724
1944	494611.06	3859351.99	3.78388	5.47715	5.08633	2.84808	3.43E-01	0.02317	9.5E-05	0.0066	0.37277	4.33E-01	0.029245	8.08E-05	0.003851	4.66E-01	0.426631	0.025153	6.6E-05	0.00409	0.45594
1945	494661.06	3859351.99	3.7339	5.39436	5.02805	2.77658	3.38E-01	0.02282	9.4E-05	0.00643	0.36772	4.27E-01	0.028803	7.99E-05	0.003754	4.60E-01	0.420996	0.024773	6.53E-05	0.003987	0.449821
1946	494711.06	3859351.99	3.67151	5.36765	4.93066	2.68379	3.33E-01	0.02271	9.2E-05	0.00622	0.36174	4.20E-01	0.028661	7.84E-05	0.003629	4.52E-01	0.413961	0.02465	6.4E-05	0.003854	0.44253
1947	494761.06	3859351.99	3.57705	5.30073	4.82296	2.52228	3.24E-01	0.02242	9E-05	0.00584	0.35252	4.09E-01	0.028303	7.67E-05	0.00341	4.41E-01	0.403311	0.024343	6.26E-05	0.003622	0.431339
1948	494811.06	3859351.99	3.45321	5.17747	4.64821	2.30912	3.13E-01	0.0219	8.7E-05	0.00535	0.34028	3.95E-01	0.027645	7.39E-05	0.003122	4.26E-01	0.389348	0.023777	6.03E-05	0.003316	0.416501

1949	494861.06	3859351.99	3.38457	5.17702	4.57832	2.22207		3.07E-01	0.0219	8.6E-05	0.00515	0.33385		3.87E-01	0.027643	7.28E-05	0.003004	4.18E-01		0.381609	0.023775	5.94E-05	0.003191	0.408634							
1950	494911.06	3859351.99	3.35618	5.10969	4.51726	2.16757		3.04E-01	0.02162	8.5E-05	0.00502	0.33087		3.84E-01	0.027283	7.18E-05	0.002931	4.14E-01		0.378408	0.023466	5.86E-05	0.003113	0.405045							
1951	494961.06	3859351.99	3.29883	4.99993	4.40568	2.08422		2.99E-01	0.02115	8.2E-05	0.00483	0.32501		3.77E-01	0.026697	7E-05	0.002818	4.07E-01		0.371942	0.022962	5.72E-05	0.002993	0.397954							
1952	495011.06	3859351.99	3.25353	4.9145	4.31137	2.04765		2.95E-01	0.02079	8.1E-05	0.00474	0.32046		3.72E-01	0.026241	6.85E-05	0.002769	4.01E-01		0.366834	0.022569	5.6E-05	0.002941	0.3924							
1953	495061.06	3859351.99	3.23136	4.89407	4.38142	2.09609		2.93E-01	0.0207	8.2E-05	0.00485	0.31847		3.70E-01	0.026132	6.96E-05	0.002834	3.99E-01		0.364335	0.022475	5.69E-05	0.00301	0.389877							
1954	495111.06	3859351.99	3.18768	4.82208	4.32424	2.05915		2.89E-01	0.0204	8.1E-05	0.00477	0.31412		3.65E-01	0.025748	6.87E-05	0.002784	3.93E-01		0.35941	0.022145	5.61E-05	0.002957	0.384568							
1955	495161.06	3859351.99	3.16691	4.8135	4.30537	2.04843		2.87E-01	0.02036	8.1E-05	0.00474	0.31218		3.62E-01	0.025702	6.84E-05	0.00277	3.91E-01		0.357068	0.022105	5.59E-05	0.002942	0.382171							
1956	495211.06	3859351.99	3.14891	4.78842	4.28032	2.03173		2.85E-01	0.02026	8E-05	0.00471	0.3104		3.60E-01	0.025568	6.8E-05	0.002747	3.89E-01		0.355039	0.02199	5.56E-05	0.002918	0.380002							
1957	495261.06	3859351.99	3.14212	4.84638	4.25883	2.03983		2.85E-01	0.0205	8E-05	0.00472	0.31005		3.59E-01	0.025877	6.77E-05	0.002758	3.88E-01		0.354273	0.022256	5.53E-05	0.002929	0.379514							
1958	495311.06	3859351.99	3.10551	4.81828	4.16573	2.00809		2.81E-01	0.02038	7.8E-05	0.00465	0.30654		3.55E-01	0.025727	6.62E-05	0.002715	3.84E-01		0.350145	0.022127	5.41E-05	0.002884	0.37521							
1959	495361.06	3859351.99	3.08253	4.82018	4.14646	1.99851		2.79E-01	0.02039	7.8E-05	0.00463	0.30444		3.53E-01	0.025737	6.59E-05	0.002702	3.81E-01		0.347554	0.022136	5.38E-05	0.00287	0.372614							
1960	495411.06	3859351.99	3.05405	4.79201	4.13127	1.98963		2.77E-01	0.02027	7.7E-05	0.00461	0.30172		3.49E-01	0.025587	6.57E-05	0.00269	3.78E-01		0.344343	0.022007	5.36E-05	0.002857	0.369261							
1961	495461.06	3859351.99	3.04924	4.80228	4.11737	1.99506		2.76E-01	0.02032	7.7E-05	0.00462	0.30134		3.49E-01	0.025642	6.54E-05	0.002698	3.77E-01		0.343801	0.022054	5.34E-05	0.002865	0.368773							
1962	495511.06	3859351.99	2.97491	4.74118	4.07821	1.93079		2.70E-01	0.02006	7.6E-05	0.00447	0.2942		3.40E-01	0.025316	6.48E-05	0.002611	3.68E-01		0.33542	0.021773	5.29E-05	0.002773	0.360019							
1963	495561.06	3859351.99	2.91045	4.69324	4.02854	1.88036		2.64E-01	0.01985	7.5E-05	0.00436	0.28804		3.33E-01	0.02506	6.4E-05	0.002542	3.61E-01		0.328152	0.021553	5.23E-05	0.0027	0.352458							
1964	495611.06	3859351.99	2.88326	4.65574	3.97088	1.85556		2.61E-01	0.0197	7.4E-05	0.0043	0.28536		3.30E-01	0.024859	6.31E-05	0.002509	3.57E-01		0.325087	0.021381	5.15E-05	0.002665	0.349184							
1965	495661.06	3859351.99	2.82842	4.54387	3.883	1.79198		2.56E-01	0.01922	7.3E-05	0.00415	0.27976		3.24E-01	0.024262	6.17E-05	0.002423	3.50E-01		0.318903	0.020867	5.04E-05	0.002573	0.342394							
1966	494311.06	3859401.99	4.257	5.93324	5.62036	3.77117		3.86E-01	0.0251	0.00011	0.00873	0.41972		4.87E-01	0.031681	8.93E-05	0.005099	5.24E-01		0.479975	0.027248	7.3E-05	0.005416	0.512711							
1967	494361.06	3859401.99	4.19217	5.87546	5.55735	3.61406		3.80E-01	0.02486	0.0001	0.00837	0.41323		4.79E-01	0.031372	8.83E-05	0.004887	5.16E-01		0.472666	0.026982	7.21E-05	0.00519	0.50491							
1968	494411.06	3859401.99	4.12091	5.78832	5.45929	3.43259		3.73E-01	0.02449	0.0001	0.00795	0.40599		4.71E-01	0.030907	8.68E-05	0.004641	5.07E-01		0.464631	0.026582	7.09E-05	0.004929	0.496214							
1969	494461.06	3859401.99	4.05685	5.74643	5.3637	3.30327		3.68E-01	0.02431	0.0001	0.00765	0.3997		4.64E-01	0.030683	8.52E-05	0.004466	4.99E-01		0.457408	0.02639	6.96E-05	0.004744	0.488611							
1970	494511.06	3859401.99	3.98604	5.72911	5.30861	3.22342		3.61E-01	0.02424	9.9E-05	0.00747	0.39303		4.56E-01	0.030591	8.44E-05	0.004358	4.91E-01		0.449425	0.02631	6.89E-05	0.004629	0.480433							
1971	494561.06	3859401.99	3.89727	5.67639	5.23689	3.15977		3.53E-01	0.02401	9.8E-05	0.00732	0.38461		4.46E-01	0.030309	8.32E-05	0.004272	4.80E-01		0.439416	0.026068	6.8E-05	0.004538	0.47009							
1972	494611.06	3859401.99	3.84164	5.6282	5.1586	3.05502		3.48E-01	0.02381	9.7E-05	0.00708	0.37912		4.39E-01	0.030052	8.2E-05	0.004131	4.74E-01		0.433144	0.025847	6.7E-05	0.004387	0.463445							
1973	494661.06	3859401.99	3.81431	5.56368	5.11261	2.98289		3.46E-01	0.02354	9.6E-05	0.00691	0.3762		4.36E-01	0.029707	8.13E-05	0.004033	4.70E-01		0.430062	0.02555	6.64E-05	0.004284	0.459963							
1974	494711.06	3859401.99	3.7748	5.46903	5.05325	2.89108		3.42E-01	0.02314	9.5E-05	0.0067	0.37201		4.32E-01	0.029202	8.03E-05	0.003909	4.65E-01		0.425607	0.025116	6.56E-05	0.004152	0.454941							
1975	494761.06	3859401.99	3.69896	5.2901	4.97042	2.71336		3.35E-01	0.02238	9.3E-05	0.00628	0.36397		4.23E-01	0.028247	7.9E-05	0.003669	4.55E-01		0.417056	0.024294	6.45E-05	0.003897	0.445312							
1976	494811.06	3859401.99	3.63024	5.18963	4.8841	2.61769		3.29E-01	0.02195	9.1E-05	0.00606	0.35709		4.15E-01	0.02771	7.76E-05	0.003539	4.47E-01		0.409308	0.023833	6.34E-05	0.003759	0.436964							
1977	494861.06	3859401.99	3.53196	5.12622	4.75678	2.47218		3.20E-01	0.02169	8.9E-05	0.00573	0.34758		4.04E-01	0.027372	7.56E-05	0.003343	4.35E-01		0.398227	0.023542	6.17E-05	0.00355	0.425381							
1978	494911.06	3859401.99	3.46701	5.07806	4.68034	2.37096		3.14E-01	0.02148	8.8E-05	0.00549	0.34125		3.97E-01	0.027114	7.44E-05	0.003206	4.27E-01		0.390904	0.02332	6.08E-05	0.003405	0.41769							
1979	494961.06	3859401.99	3.41788	5.05084	4.62826	2.33444		3.10E-01	0.02137	8.7E-05	0.00541	0.3366		3.91E-01	0.026969	7.36E-05	0.003156	4.21E-01		0.385365	0.023195	6.01E-05	0.003352	0.411973							
1980	495011.06	3859401.99	3.39381	5.07692	4.57547	2.29977		3.08E-01	0.02148	8.6E-05	0.00533	0.33444		3.88E-01	0.027108	7.27E-05	0.00311	4.18E-01		0.382651	0.023315	5.94E-05	0.003303	0.409328							
1981	495061.06	3859401.99	3.38586	5.12101	4.51711	2.26328		3.07E-01	0.02166	8.5E-05	0.00524	0.33382		3.87E-01	0.027344	7.18E-05	0.00306	4.18E-01		0.381755	0.023518	5.86E-05	0.00325	0.408581							
1982	495111.06	3859401.99	3.32828	4.98941	4.42205	2.18254		3.02E-01	0.02111	8.3E-05	0.00506	0.32786		3.81E-01	0.026641	7.03E-05	0.002951	4.10E-01		0.375262	0.022913	5.74E-05	0.003134	0.401367							
1983	495161.06	3859401.99	3.27687	4.99905	4.4112	2.18424		2.97E-01	0.02115	8.3E-05	0.00506	0.32325		3.75E-01	0.026693	7.01E-05	0.002953	4.05E-01		0.369466	0.022957	5.73E-05	0.003137	0.395617							
1984	495211.06	3859401.99	3.27066	4.96769	4.4331	2.19572		2.96E-01	0.02102	8.3E-05	0.00509	0.32258		3.74E-01	0.026525	7.05E-05	0.002969	4.04E-01		0.368766	0.022813	5.75E-05	0.003153	0.39479							
1985	495261.06	3859401.99	3.24322	4.85692	4.40901	2.1819		2.94E-01	0.02055	8.3E-05	0.00505	0.31959		3.71E-01	0.025934	7.01E-05	0.00295	4.00E-01		0.365672	0.022305	5.72E-05	0.003133	0.391167							
1986	495311.06	3859401.99	3.22181	4.8148	4.38412	2.1653		2.92E-01	0.02037	8.2E-05	0.00502	0.31743		3.69E-01	0.025709	6.97E-05	0.002928	3.97E-01		0.363258	0.022111	5.69E-05	0.003109	0.388536							
1987	495361.06	3859401.99	3.21719	4.86144	4.38013	2.19136		2.92E-01	0.02057	8.2E-05	0.00508	0.31727		3.68E-01	0.025958	6.96E-05	0.002963	3.97E-01		0.362737	0.022326	5.69E-05	0.003147	0.388266							
1988	495411.06	3859401.99	3.20169	4.86986	4.31741	2.19181		2.90E-01	0.0206	8.1E-05	0.00508	0.3159		3.66E-01	0.026003	6.86E-05	0.002964	3.95E-01		0.360989	0.022364	5.6E-05	0.003148	0.386557							
1989	495461.06	3859401.99	3.16682	4.87926	4.26196	2.16564		2.87E-01	0.02064	8E-05	0.00502	0.31272		3.62E-01	0.026053	6.77E-05	0.002928	3.91E-01		0.357058	0.022407	5.53E-05	0.00311	0.382631							
1990	495511.06	3859401.99	3.10287	4.84642	4.19108	2.11044		2.81E-01	0.0205	7.8E-05	0.00489	0.30666		3.55E-01	0.025878	6.66E-05	0.002854	3.84E-01		0.349848	0.022257	5.44E-05	0.003031	0.375189							
1991	495561.06	3859401.99	3.0445	4.76685	4.08699	2.01889		2.76E-01	0.02017	7.7E-05	0.00468	0.30082		3.48E-01	0.025453	6.5E-05	0.00273	3.76E-01		0.343266	0.021891	5.31E-05	0.002899	0.36811							
1992	495611.06	3859401.99	2.99979	4.69726	4.03541	1.98148		2.72E-01	0.01987	7.6E-05	0.00459	0.29638		3.43E-01	0.025081	6.41E-05	0.002679	3.71E-01		0.338225	0.021572	5.24E-05	0.002846	0.362695							
1993	495661.06	3859401.99	2.93827	4.66574	4.03242	1.96031		2.66E-01	0.01974	7.5E-05	0.00454	0.29063		3.36E-01	0.024913	6.41E-05	0.002651	3.64E-01		0.331289	0.021427	5.23E-05	0.002815	0.355583							
1994	494311.06	3859451.99	4.3391	5.82381	5.60076	3.95417		3.93E-01	0.02464	0.0001	0.00916	0.42712		4.96E-01	0.031096	8.9E-05	0.005346	5.33E-01		0.489232	0.026745	7.27E-05	0.005678	0.521728							
1995	494361.06	3859451.99	4.2999	5.73318	5.56999	3.80247		3.90E-01	0.02425	0.0001	0.00881	0.42283		4.92E-01	0.030612	8.85E-05	0.005141	5.28E-01		0.484812	0.026329	7.23E-05	0.005461	0.516674							
1996	494411.06	3859451.99	4.24273	5.77017	5.54577	3.58777		3.84E-01	0.02441	0.0001	0.00831	0.41731		4.85E-01	0.03081	8.81E-05	0.004851	5.21E-01		0.478366	0.026499	7.2E-05	0.005152	0.510089							
1997	494461.06	3859451.99	4.17709	5.73745	5.4906	3.55074		3.79E-01	0.02427	0.0001	0.00822	0.41114		4.78E-01	0.030635	8.73E-05	0.004801	5.13E-01		0.470965	0.026349	7.13E-05	0.005099	0.502484							
1998	494511.06	3859451.99	4.10544	5.76252	5.42718	3.43455		3.72E-01	0.02438	0.0001	0.00796	0.40448		4.70E-01	0.030769	8.63E-05	0.004644	5.05E-01		0.462887	0.026464	7.04E-05	0.004932	0.494353							
1999	494561.06	3859451.99	4.03121	5.70279	5.31598	3.33631		3.65E-01	0.02413	1E-04	0.00773	0.39727		4.61E-01	0.03045	8.45E-05	0.004511	4.96E-01		0.454518	0.026189	6.9E-05	0.004791	0.485567							
2000	494611.06	3859451.99	3.96622	5.66417	5.27931	3.29074		3.59E-01	0.02396	9.9E-05	0.00762	0.39111		4.54E-01	0.030244	8.39E-05	0.004449	4.88E-01		0.44719	0.026012	6.85E-05	0.004726	0.477996							
2001	494661.06	3859451.99	3.88504	5.61766	5.20641	3.16812		3.52E-01	0.02377	9.7E-05	0.00734	0.38327		4.44E-01	0.029996	8.27E-05	0.004284	4.79E-01		0.438037	0.025798	6.76E-05	0.00455	0.468452							
2002	494711.06	3859451.99	3.81761	5.56167	5.12749	3.04885		3.46E-01	0.02353	9.6E-05	0.00706	0.37665		4.37E-01	0.029697	8.15E-05	0.004122	4.71E-01		0.430434	0.025541	6.66E-05	0.004378	0.46042							
2003	494761.06	3859451.99	3.77595	5.4881	5.04897	2.95491		3.42E-01	0.02322	9.5E-05	0.00684	0.37234		4.32E-01	0.029304	8.02E-05	0.003995	4.65E-01		0.425737	0.025203	6.55E-05	0.004243	0.455249							
2004	494811.06	3859451.99	3.72208	5.34279	4.97304	2.79784		3.37E-01	0.0226	9.3E-05	0.00648	0.36648		4.26E-01	0.028528	7.9E-05	0.003783	4.58E-01		0.419663	0.024536	6.46E-05	0.004018	0.448282							
2005	494861.06	3859451.99	3.67152	5.26209	4.91313	2.697		3.33E-01	0.02226	9.2E-05	0.00625	0.36132		4.20E-01	0.028097	7.81E-05	0.003647	4.52E-01		0.413963	0.024165	6.38E-05	0.003873	0.442065							
2006	494911.06	3859451.99	3.62513	5.23632	4.86244	2.64149		3.29E-01	0.02215	9.1E-05	0.00612	0.35688		4.15E-01	0.027959	7.73E-05	0.003572	4.46E-01		0.408732	0.024047	6.31E-05	0.003793	0.436636							
2007	494961.06	3859451.99	3.57593	5.12296	4.8275	2.62503		3.24E-01	0.02167	9E-05	0.00608	0.3519		4.09E-01	0.027354	7.67E-05	0.003549	4.40E-01		0.403185	0.023527	6.27E-05	0.00377	0.430544							
2008	495011.06	3859451.99	3.53437	5.0947	4.77893	2.58524		3.20E-01	0.02155	8.9E-05	0.00599	0.34792		4.04E-01	0.027203	7.6E-05	0.003496	4.35E-01		0.398499	0.023397	6.2E-05	0.003713	0.42567							
2009	495061.06	3859451.99	3.48275	5.08601	4.73393	2.53327		3.16E-01	0.02152	8.9E-05	0.00587	0.34309		3.98E-01	0.027157	7.52E-05	0.003425	4.29E-01		0.392679	0.023357	6.14E-05	0.003638	0.419735							

2010	495111.06	3859451.99	3.44485	5.036	4.65199	2.47033		3.12E-01	0.0213	8.7E-05	0.00572	0.33929		3.94E-01	0.02689	7.39E-05	0.00334	4.24E-01		0.388406	0.023127	6.04E-05	0.003548	0.415141
2011	495161.06	3859451.99	3.43117	5.06846	4.59042	2.44344		3.11E-01	0.02144	8.6E-05	0.00566	0.33813		3.92E-01	0.027063	7.3E-05	0.003304	4.23E-01		0.386863	0.023276	5.96E-05	0.003509	0.413708
2012	495211.06	3859451.99	3.40465	5.12259	4.52717	2.43254		3.09E-01	0.02167	8.5E-05	0.00563	0.33593		3.89E-01	0.027352	7.2E-05	0.003289	4.20E-01		0.383873	0.023525	5.88E-05	0.003493	0.41095
2013	495261.06	3859451.99	3.36598	5.19099	4.50358	2.41543		3.05E-01	0.02196	8.4E-05	0.00559	0.33267		3.85E-01	0.027717	7.16E-05	0.003266	4.16E-01		0.379513	0.023839	5.85E-05	0.003469	0.406879
2014	495311.06	3859451.99	3.33566	5.05842	4.49909	2.37334		3.02E-01	0.0214	8.4E-05	0.0055	0.32927		3.82E-01	0.02701	7.15E-05	0.003209	4.12E-01		0.376095	0.02323	5.84E-05	0.003408	0.402791
2015	495361.06	3859451.99	3.31125	4.98693	4.49918	2.35704		3.00E-01	0.0211	8.4E-05	0.00546	0.32671		3.79E-01	0.026628	7.15E-05	0.003187	4.09E-01		0.373342	0.022902	5.84E-05	0.003385	0.399687
2016	495411.06	3859451.99	3.28312	4.8912	4.46684	2.33131		2.98E-01	0.02069	8.4E-05	0.0054	0.3237		3.76E-01	0.026117	7.1E-05	0.003152	4.05E-01		0.370171	0.022462	5.8E-05	0.003348	0.396039
2017	495461.06	3859451.99	3.25725	4.83192	4.44837	2.31637		2.95E-01	0.02044	8.3E-05	0.00537	0.32107		3.73E-01	0.0258	7.07E-05	0.003132	4.02E-01		0.367254	0.02219	5.77E-05	0.003326	0.392828
2018	495511.06	3859451.99	3.2058	4.78344	4.34888	2.23363		2.91E-01	0.02024	8.1E-05	0.00517	0.31601		3.67E-01	0.025541	6.91E-05	0.00302	3.95E-01		0.361453	0.021967	5.65E-05	0.003208	0.386684
2019	495561.06	3859451.99	3.17302	4.77448	4.26809	2.2002		2.88E-01	0.0202	8E-05	0.0051	0.31292		3.63E-01	0.025493	6.78E-05	0.002975	3.91E-01		0.357757	0.021926	5.54E-05	0.00316	0.382898
2020	495611.06	3859451.99	3.13362	4.76486	4.22359	2.17719		2.84E-01	0.02016	7.9E-05	0.00504	0.30925		3.58E-01	0.025442	6.71E-05	0.002944	3.87E-01		0.353315	0.021882	5.48E-05	0.003127	0.378378
2021	495661.06	3859451.99	3.09457	4.78788	4.15829	2.15411		2.80E-01	0.02026	7.8E-05	0.00499	0.30576		3.54E-01	0.025565	6.61E-05	0.002913	3.82E-01		0.348912	0.021988	5.4E-05	0.003093	0.374047
2022	494311.06	3859501.99	4.33872	5.84869	5.73611	4.22235		3.93E-01	0.02474	0.00011	0.00978	0.42781		4.96E-01	0.031229	9.12E-05	0.005709	5.33E-01		0.489189	0.026859	7.45E-05	0.006064	0.522187
2023	494361.06	3859501.99	4.30878	5.82206	5.63919	4.04089		3.90E-01	0.02463	0.00011	0.00936	0.42457		4.93E-01	0.031087	8.96E-05	0.005464	5.29E-01		0.485813	0.026737	7.32E-05	0.005803	0.518427
2024	494411.06	3859501.99	4.26985	5.78564	5.55368	3.73892		3.87E-01	0.02448	0.0001	0.00866	0.42018		4.88E-01	0.030893	8.83E-05	0.005055	5.24E-01		0.481424	0.02657	7.21E-05	0.005369	0.513435
2025	494461.06	3859501.99	4.26533	5.68448	5.50027	3.78078		3.87E-01	0.02405	0.0001	0.00876	0.41944		4.88E-01	0.030352	8.74E-05	0.005112	5.23E-01		0.480914	0.026105	7.14E-05	0.005429	0.512521
2026	494511.06	3859501.99	4.21881	5.625	5.47627	3.64836		3.82E-01	0.0238	0.0001	0.00845	0.41467		4.83E-01	0.030035	8.7E-05	0.004933	5.18E-01		0.475669	0.025832	7.11E-05	0.005239	0.506812
2027	494561.06	3859501.99	4.15878	5.60323	5.43206	3.55086		3.77E-01	0.0237	0.0001	0.00822	0.40891		4.76E-01	0.029919	8.63E-05	0.004801	5.10E-01		0.468901	0.025732	7.05E-05	0.005099	0.499803
2028	494611.06	3859501.99	4.08444	5.61039	5.39101	3.60226		3.70E-01	0.02373	0.0001	0.00834	0.40232		4.67E-01	0.029957	8.57E-05	0.004871	5.02E-01		0.460519	0.025765	7E-05	0.005173	0.491527
2029	494661.06	3859501.99	4.0177	5.60209	5.28999	3.42842		3.64E-01	0.0237	9.9E-05	0.00794	0.39583		4.60E-01	0.029912	8.41E-05	0.004636	4.94E-01		0.452994	0.025727	6.87E-05	0.004923	0.483713
2030	494711.06	3859501.99	3.93586	5.61063	5.20692	3.23911		3.57E-01	0.02374	9.7E-05	0.0075	0.38801		4.50E-01	0.029958	8.28E-05	0.00438	4.85E-01		0.443767	0.025766	6.76E-05	0.004652	0.474252
2031	494761.06	3859501.99	3.87192	5.57492	5.17818	3.22236		3.51E-01	0.02358	9.7E-05	0.00746	0.38203		4.43E-01	0.029767	8.23E-05	0.004357	4.77E-01		0.436558	0.025602	6.72E-05	0.004627	0.466854
2032	494811.06	3859501.99	3.78281	5.51483	5.07745	2.99003		3.43E-01	0.02333	9.5E-05	0.00693	0.37316		4.33E-01	0.029447	8.07E-05	0.004043	4.66E-01		0.426511	0.025326	6.59E-05	0.004294	0.456196
2033	494861.06	3859501.99	3.73106	5.42922	5.00647	2.91406		3.38E-01	0.02297	9.4E-05	0.00675	0.36793		4.27E-01	0.028989	7.96E-05	0.00394	4.60E-01		0.420676	0.024933	6.5E-05	0.004185	0.449858
2034	494911.06	3859501.99	3.71247	5.34298	4.95166	2.87126		3.36E-01	0.0226	9.3E-05	0.00665	0.36578		4.25E-01	0.028529	7.87E-05	0.003882	4.57E-01		0.41858	0.024537	6.43E-05	0.004123	0.447304
2035	494961.06	3859501.99	3.67521	5.17262	4.89407	2.76571		3.33E-01	0.02188	9.2E-05	0.00641	0.36144		4.20E-01	0.027619	7.78E-05	0.00374	4.52E-01		0.414379	0.023755	6.35E-05	0.003972	0.442168
2036	495011.06	3859501.99	3.64671	5.17666	4.87695	2.75878		3.30E-01	0.0219	9.1E-05	0.00639	0.35885		4.17E-01	0.027641	7.75E-05	0.00373	4.49E-01		0.411165	0.023773	6.33E-05	0.003962	0.438964
2037	495061.06	3859501.99	3.60054	5.19471	4.85392	2.75022		3.26E-01	0.02198	9.1E-05	0.00637	0.35473		4.12E-01	0.027737	7.71E-05	0.003719	4.43E-01		0.40596	0.023856	6.3E-05	0.003949	0.433828
2038	495111.06	3859501.99	3.55	5.11026	4.79596	2.68012		3.22E-01	0.02162	9E-05	0.00621	0.34962		4.06E-01	0.027286	7.62E-05	0.003624	4.37E-01		0.400261	0.023468	6.23E-05	0.003849	0.427641
2039	495161.06	3859501.99	3.51282	5.08094	4.787	2.66775		3.18E-01	0.02149	9E-05	0.00618	0.3461		4.02E-01	0.02713	7.61E-05	0.003607	4.33E-01		0.396069	0.023334	6.21E-05	0.003831	0.423296
2040	495211.06	3859501.99	3.49649	5.05569	4.74199	2.68687		3.17E-01	0.02139	8.9E-05	0.00622	0.34456		4.00E-01	0.026995	7.54E-05	0.003633	4.31E-01		0.394228	0.023218	6.16E-05	0.003858	0.421366
2041	495261.06	3859501.99	3.47424	5.04609	4.64774	2.65461		3.15E-01	0.02135	8.7E-05	0.00615	0.34243		3.97E-01	0.026944	7.39E-05	0.003589	4.28E-01		0.391719	0.023174	6.03E-05	0.003812	0.418765
2042	495311.06	3859501.99	3.44523	5.03286	4.56443	2.62862		3.12E-01	0.02129	8.5E-05	0.00609	0.33968		3.94E-01	0.026873	7.25E-05	0.003554	4.25E-01		0.388449	0.023113	5.92E-05	0.003775	0.415395
2043	495361.06	3859501.99	3.40497	5.0742	4.53404	2.5912		3.09E-01	0.02147	8.5E-05	0.006	0.33612		3.89E-01	0.027094	7.21E-05	0.003504	4.20E-01		0.383909	0.023303	5.89E-05	0.003721	0.410992
2044	495411.06	3859501.99	3.37629	5.13033	4.51546	2.57371		3.06E-01	0.0217	8.5E-05	0.00596	0.33372		3.86E-01	0.027394	7.18E-05	0.00348	4.17E-01		0.380676	0.02356	5.86E-05	0.003696	0.407991
2045	495461.06	3859501.99	3.34606	5.14657	4.51099	2.5193		3.03E-01	0.02177	8.4E-05	0.00584	0.33092		3.83E-01	0.02748	7.17E-05	0.003406	4.14E-01		0.377267	0.023635	5.86E-05	0.003618	0.404578
2046	495511.06	3859501.99	3.29109	4.92961	4.4608	2.37665		2.98E-01	0.02085	8.4E-05	0.0055	0.32469		3.76E-01	0.026322	7.09E-05	0.003213	4.06E-01		0.371069	0.022639	5.79E-05	0.003413	0.397179
2047	495561.06	3859501.99	3.26823	4.84149	4.45034	2.41278		2.96E-01	0.02048	8.3E-05	0.00559	0.32233		3.74E-01	0.025851	7.07E-05	0.003262	4.03E-01		0.368492	0.022234	5.78E-05	0.003465	0.394248
2048	495611.06	3859501.99	3.23111	4.78435	4.4017	2.36854		2.93E-01	0.02024	8.2E-05	0.00549	0.31862		3.70E-01	0.025546	7E-05	0.003203	3.98E-01		0.364307	0.021972	5.71E-05	0.003401	0.389737
2049	495661.06	3859501.99	3.19605	4.72288	4.31374	2.30997		2.90E-01	0.01998	8.1E-05	0.00535	0.31504		3.66E-01	0.025218	6.86E-05	0.003123	3.94E-01		0.360354	0.021689	5.6E-05	0.003317	0.385416
2050	494311.06	3859551.99	4.34146	5.87772	5.92365	4.43311		3.93E-01	0.02487	0.00011	0.01027	0.42868		4.97E-01	0.031384	9.41E-05	0.005994	5.34E-01		0.489498	0.026993	7.69E-05	0.006366	0.522934
2051	494361.06	3859551.99	4.31963	5.80589	5.81601	4.23353		3.91E-01	0.02456	0.00011	0.00981	0.42593		4.94E-01	0.031001	9.24E-05	0.005724	5.31E-01		0.487037	0.026663	7.55E-05	0.00608	0.519855
2052	494411.06	3859551.99	4.28952	5.7337	5.74349	3.9637		3.89E-01	0.02426	0.00011	0.00918	0.42227		4.91E-01	0.030615	9.13E-05	0.005359	5.27E-01		0.483642	0.026331	7.46E-05	0.005692	0.51574
2053	494461.06	3859551.99	4.26776	5.72744	5.62206	4.02526		3.87E-01	0.02423	0.00011	0.00932	0.42041		4.88E-01	0.030582	8.94E-05	0.005443	5.24E-01		0.481188	0.026303	7.3E-05	0.00578	0.513344
2054	494511.06	3859551.99	4.23882	5.64633	5.52481	3.85764		3.84E-01	0.02389	0.0001	0.00894	0.41706		4.85E-01	0.030149	8.78E-05	0.005216	5.20E-01		0.477926	0.02593	7.17E-05	0.00554	0.509467
2055	494561.06	3859551.99	4.22087	5.65756	5.44526	3.76623		3.83E-01	0.02393	0.0001	0.00872	0.41526		4.83E-01	0.030209	8.65E-05	0.005092	5.18E-01		0.475902	0.025982	7.07E-05	0.005409	0.507362
2056	494611.06	3859551.99	4.1923	5.57065	5.40348	3.73749		3.80E-01	0.02357	0.0001	0.00866	0.41224		4.80E-01	0.029745	8.59E-05	0.005053	5.14E-01		0.47268	0.025582	7.01E-05	0.005367	0.5037
2057	494661.06	3859551.99	4.13248	5.54801	5.37907	3.6804		3.74E-01	0.02347	0.0001	0.00852	0.40659		4.73E-01	0.029624	8.55E-05	0.004976	5.07E-01		0.465936	0.025479	6.98E-05	0.005285	0.496769
2058	494711.06	3859551.99	4.07176	5.48815	5.31388	3.37968		3.69E-01	0.02322	9.9E-05	0.00783	0.40014		4.66E-01	0.029304	8.45E-05	0.00457	5.00E-01		0.45909	0.025204	6.9E-05	0.004853	0.489216
2059	494761.06	3859551.99	4.00236	5.45101	5.25263	3.47806		3.63E-01	0.02306	9.8E-05	0.00806	0.39392		4.58E-01	0.029106	8.35E-05	0.004703	4.92E-01		0.451265	0.025033	6.82E-05	0.004995	0.481361
2060	494811.06	3859551.99	3.92654	5.43741	5.15598	3.26498		3.56E-01	0.023	9.7E-05	0.00756	0.38649		4.49E-01	0.029033	8.19E-05	0.004415	4.83E-01		0.442716	0.024971	6.69E-05	0.004689	0.472442
2061	494861.06	3859551.99	3.8501	5.46244	5.12195	3.18151		3.49E-01	0.02311	9.6E-05	0.00737	0.37948		4.40E-01	0.029167	8.14E-05	0.004302	4.74E-01		0.434097	0.025086	6.65E-05	0.004569	0.463818
2062	494911.06	3859551.99	3.7778	5.45685	5.06729	3.09597		3.42E-01	0.02309	9.5E-05	0.00717	0.3727		4.32E-01	0.029137	8.05E-05	0.004186	4.66E-01		0.425946	0.02506	6.58E-05	0.004446	0.455517
2063	494961.06	3859551.99	3.72806	5.41752	5.00979	3.06194		3.38E-01	0.02292	9.4E-05	0.00709	0.36795		4.26E-01	0.028927	7.96E-05	0.00414	4.60E-01		0.420337	0.024879	6.5E-05	0.004397	0.449679
2064	495011.06	3859551.99	3.71448	5.34538	4.93458	3.02589		3.37E-01	0.02261	9.2E-05	0.00701	0.36633		4.25E-01	0.028542	7.84E-05	0.004091	4.58E-01		0.418806	0.024548	6.41E-05	0.004345	0.447764
2065	495061.06	3859551.99	3.69978	5.27379	4.89867	2.9612		3.35E-01	0.02231	9.2E-05	0.00686	0.36454		4.23E-01	0.02816	7.79E-05	0.004004	4.55E-01		0.417149	0.024219	6.36E-05	0.004252	0.445684
2066	495111.06	3859551.99	3.65692	5.14874	4.87669	2.87114		3.31E-01	0.02178	9.1E-05	0.00665	0.35992		4.18E-01	0.027492	7.75E-05	0.003882	4.50E-01		0.412316	0.023645	6.33E-05	0.004123	0.440148
2067	495161.06	3859551.99	3.61121	5.09296	4.85887	2.87679		3.27E-01	0.02155	9.1E-05	0.00666	0.35556		4.13E-01	0.027194	7.72E-05	0.00389	4.44E-01		0.407163	0.023389	6.31E-05	0.004131	0.434746
2068	495211.06	3859551.99	3.58772	5.11849	4.84465	2.90705		3.25E-01	0.02165	9.1E-05	0.00673	0.3536		4.10E-01	0.02733	7.7E-05	0.003931	4.42E-01		0.404514	0.023506	6.29E-05	0.004175	0.432258
2069	495261.06	3859551.99	3.54224	5.09074	4.81505	2.85736		3.21E-01	0.02154	9E-05	0.00662	0.34925		4.05E-01	0.027182	7.65E-05	0.003863	4.36E-01		0.399386	0.023379	6.25E-05	0.004103	0.426931
2070	495311.06	3859551.99	3.51063	5.06659	4.79409	2.83084		3.18E-01	0.02143	9E-05	0.00656	0.34622		4.02E-01	0.027053	7.62E-05	0.003828	4.32E-01		0.395822	0.023268	6.22E-05	0.004065	0.423217

2071	495361.06	3859551.99	3.48767	5.00626	4.69462	2.81036		3.16E-01	0.02118	8.8E-05	0.00651	0.34384		3.99E-01	0.026731	7.46E-05	0.0038	4.30E-01		0.393234	0.022991	6.09E-05	0.004036	0.420321
2072	495411.06	3859551.99	3.46166	4.97665	4.58599	2.80764		3.14E-01	0.02105	8.6E-05	0.0065	0.34135		3.96E-01	0.026573	7.29E-05	0.003796	4.26E-01		0.390301	0.022855	5.95E-05	0.004032	0.417247
2073	495461.06	3859551.99	3.41424	4.90602	4.5232	2.7116		3.09E-01	0.02075	8.5E-05	0.00628	0.33653		3.91E-01	0.026196	7.19E-05	0.003666	4.20E-01		0.384954	0.02253	5.87E-05	0.003894	0.411437
2074	495511.06	3859551.99	3.37357	4.92037	4.47737	2.61961		3.06E-01	0.02082	8.4E-05	0.00607	0.33269		3.86E-01	0.026272	7.12E-05	0.003542	4.16E-01		0.380369	0.022596	5.81E-05	0.003762	0.406785
2075	495561.06	3859551.99	3.34228	4.9398	4.4592	2.57977		3.03E-01	0.0209	8.3E-05	0.00598	0.32984		3.82E-01	0.026376	7.09E-05	0.003488	4.12E-01		0.376841	0.022685	5.79E-05	0.003705	0.403289
2076	495611.06	3859551.99	3.31544	4.9855	4.45639	2.54037		3.00E-01	0.02109	8.3E-05	0.00588	0.32751		3.79E-01	0.02662	7.08E-05	0.003435	4.09E-01		0.373815	0.022895	5.78E-05	0.003648	0.400416
2077	495661.06	3859551.99	3.27789	4.94509	4.44012	2.49444		2.97E-01	0.02092	8.3E-05	0.00578	0.32383		3.75E-01	0.026404	7.06E-05	0.003373	4.05E-01		0.369581	0.02271	5.76E-05	0.003582	0.39593
2078	494311.06	3859601.99	4.30241	5.90468	5.93486	4.76505		3.90E-01	0.02498	0.00011	0.01104	0.42602		4.92E-01	0.031528	9.43E-05	0.006443	5.30E-01		0.485095	0.027116	7.7E-05	0.006843	0.519132
2079	494361.06	3859601.99	4.32319	5.85342	5.95639	4.39875		3.92E-01	0.02476	0.00011	0.01019	0.42684		4.94E-01	0.031254	9.47E-05	0.005948	5.32E-01		0.487438	0.026881	7.73E-05	0.006317	0.520713
2080	494411.06	3859601.99	4.31565	5.8146	5.92049	4.20474		3.91E-01	0.0246	0.00011	0.00974	0.42554		4.94E-01	0.031047	9.41E-05	0.005685	5.30E-01		0.486588	0.026703	7.69E-05	0.006038	0.519406
2081	494461.06	3859601.99	4.28468	5.73581	5.80638	4.24112		3.88E-01	0.02427	0.00011	0.00982	0.42248		4.90E-01	0.030626	9.23E-05	0.005734	5.27E-01		0.483096	0.026341	7.54E-05	0.00609	0.515603
2082	494511.06	3859601.99	4.25752	5.63104	5.70977	4.06625		3.86E-01	0.02382	0.00011	0.00942	0.41917		4.87E-01	0.030067	9.07E-05	0.005498	5.23E-01		0.480034	0.02586	7.41E-05	0.005839	0.511807
2083	494561.06	3859601.99	4.22439	5.60078	5.5922	4.08712		3.83E-01	0.02369	0.0001	0.00947	0.41609		4.83E-01	0.029905	8.89E-05	0.005526	5.19E-01		0.476299	0.025721	7.26E-05	0.005869	0.507961
2084	494611.06	3859601.99	4.19994	5.59764	5.47998	4.01523		3.81E-01	0.02368	0.0001	0.0093	0.41369		4.80E-01	0.029889	8.71E-05	0.005429	5.16E-01		0.473542	0.025706	7.11E-05	0.005766	0.505085
2085	494661.06	3859601.99	4.18051	5.50465	5.40146	3.77352		3.79E-01	0.02329	0.0001	0.00874	0.41098		4.78E-01	0.029392	8.58E-05	0.005102	5.13E-01		0.471351	0.025279	7.01E-05	0.005419	0.50212
2086	494711.06	3859601.99	4.14767	5.47853	5.34006	3.59941		3.76E-01	0.02318	1E-04	0.00834	0.40748		4.74E-01	0.029253	8.49E-05	0.004867	5.09E-01		0.467648	0.025159	6.93E-05	0.005169	0.498046
2087	494761.06	3859601.99	4.10462	5.47272	5.31357	3.76482		3.72E-01	0.02315	9.9E-05	0.00872	0.40394		4.69E-01	0.029222	8.44E-05	0.00509	5.04E-01		0.462795	0.025133	6.9E-05	0.005406	0.493403
2088	494811.06	3859601.99	4.05369	5.42992	5.27822	3.56122		3.67E-01	0.02297	9.9E-05	0.00825	0.39867		4.64E-01	0.028993	8.39E-05	0.004815	4.98E-01		0.457052	0.024936	6.85E-05	0.005114	0.487171
2089	494861.06	3859601.99	3.98691	5.33816	5.2235	3.51027		3.61E-01	0.02258	9.8E-05	0.00813	0.39211		4.56E-01	0.028503	8.3E-05	0.004746	4.89E-01		0.449523	0.024515	6.78E-05	0.005041	0.479146
2090	494911.06	3859601.99	3.917	5.29756	5.11687	3.34341		3.55E-01	0.02241	9.6E-05	0.00774	0.38522		4.48E-01	0.028286	8.13E-05	0.004521	4.81E-01		0.44164	0.024328	6.64E-05	0.004801	0.470837
2091	494961.06	3859601.99	3.83447	5.31447	5.08728	3.40086		3.47E-01	0.02248	9.5E-05	0.00788	0.37794		4.39E-01	0.028377	8.09E-05	0.004598	4.72E-01		0.432335	0.024406	6.6E-05	0.004884	0.461691
2092	495011.06	3859601.99	3.76885	5.33607	5.05716	3.24097		3.42E-01	0.02257	9.5E-05	0.00751	0.37172		4.31E-01	0.028492	8.04E-05	0.004382	4.64E-01		0.424937	0.024505	6.56E-05	0.004654	0.454162
2093	495061.06	3859601.99	3.71941	5.3922	5.00789	3.26901		3.37E-01	0.02281	9.4E-05	0.00757	0.36754		4.25E-01	0.028792	7.96E-05	0.00442	4.59E-01		0.419362	0.024763	6.5E-05	0.004694	0.448885
2094	495111.06	3859601.99	3.69191	5.33106	4.92063	3.14689		3.35E-01	0.02255	9.2E-05	0.00729	0.3645		4.22E-01	0.028465	7.82E-05	0.004255	4.55E-01		0.416262	0.024482	6.39E-05	0.004519	0.445327
2095	495161.06	3859601.99	3.69317	5.24306	4.87265	3.13706		3.35E-01	0.02218	9.1E-05	0.00727	0.36422		4.22E-01	0.027995	7.74E-05	0.004242	4.55E-01		0.416404	0.024078	6.32E-05	0.004505	0.44505
2096	495211.06	3859601.99	3.66485	5.20124	4.85533	3.09996		3.32E-01	0.022	9.1E-05	0.00718	0.36139		4.19E-01	0.027772	7.72E-05	0.004191	4.51E-01		0.413211	0.023886	6.3E-05	0.004452	0.441611
2097	495261.06	3859601.99	3.61483	5.10733	4.86067	3.08773		3.28E-01	0.02161	9.1E-05	0.00715	0.35643		4.13E-01	0.027271	7.73E-05	0.004175	4.45E-01		0.407571	0.023455	6.31E-05	0.004434	0.435523
2098	495311.06	3859601.99	3.58496	5.0371	4.84235	3.09346		3.25E-01	0.02131	9.1E-05	0.00717	0.35344		4.10E-01	0.026896	7.7E-05	0.004183	4.41E-01		0.404203	0.023132	6.29E-05	0.004442	0.43184
2099	495361.06	3859601.99	3.54727	5.02651	4.82256	3.02498		3.21E-01	0.02126	9E-05	0.00701	0.34982		4.06E-01	0.026839	7.66E-05	0.00409	4.37E-01		0.399953	0.023084	6.26E-05	0.004344	0.427444
2100	495411.06	3859601.99	3.51938	5.02787	4.79087	3.01202		3.19E-01	0.02127	9E-05	0.00698	0.34727		4.03E-01	0.026846	7.61E-05	0.004073	4.34E-01		0.396809	0.02309	6.22E-05	0.004325	0.424286
2101	495461.06	3859601.99	3.47945	4.96811	4.72473	2.90681		3.15E-01	0.02102	8.8E-05	0.00673	0.34315		3.98E-01	0.026527	7.51E-05	0.00393	4.29E-01		0.392307	0.022815	6.13E-05	0.004174	0.419358
2102	495511.06	3859601.99	3.43643	4.93227	4.60288	2.81391		3.11E-01	0.02087	8.6E-05	0.00652	0.33889		3.93E-01	0.026336	7.32E-05	0.003805	4.23E-01		0.387456	0.022651	5.97E-05	0.004041	0.414208
2103	495561.06	3859601.99	3.41515	4.86296	4.51094	2.84768		3.09E-01	0.02057	8.4E-05	0.0066	0.33674		3.91E-01	0.025966	7.17E-05	0.00385	4.21E-01		0.385057	0.022333	5.86E-05	0.004089	0.411537
2104	495611.06	3859601.99	3.36478	4.79154	4.45616	2.70759		3.05E-01	0.02027	8.3E-05	0.00627	0.33155		3.85E-01	0.025585	7.08E-05	0.003661	4.14E-01		0.379378	0.022005	5.78E-05	0.003888	0.405328
2105	495661.06	3859601.99	3.34838	4.79404	4.43985	2.69139		3.03E-01	0.02028	8.3E-05	0.00623	0.33004		3.83E-01	0.025598	7.06E-05	0.003639	4.12E-01		0.377529	0.022016	5.76E-05	0.003865	0.403467
2106	494311.06	3859651.99	4.22729	6.04192	5.70904	4.98453		3.83E-01	0.02556	0.00011	0.01155	0.4203		4.84E-01	0.032261	9.07E-05	0.00674	5.23E-01		0.476626	0.027747	7.41E-05	0.007158	0.511604
2107	494361.06	3859651.99	4.25975	5.97208	5.86506	4.6425		3.86E-01	0.02526	0.00011	0.01075	0.42216		4.87E-01	0.031888	9.32E-05	0.006277	5.25E-01		0.480285	0.027426	7.61E-05	0.006667	0.514454
2108	494411.06	3859651.99	4.24733	5.9273	5.91064	4.53136		3.85E-01	0.02508	0.00011	0.0105	0.42058		4.86E-01	0.031649	9.39E-05	0.006127	5.24E-01		0.478885	0.02722	7.67E-05	0.006507	0.512689
2109	494461.06	3859651.99	4.25535	5.77808	5.86874	4.54698		3.86E-01	0.02444	0.00011	0.01053	0.42071		4.87E-01	0.030852	9.33E-05	0.006148	5.24E-01		0.479789	0.026535	7.62E-05	0.00653	0.51293
2110	494511.06	3859651.99	4.26118	5.70627	5.84141	4.40551		3.86E-01	0.02414	0.00011	0.0102	0.42061		4.87E-01	0.030469	9.28E-05	0.005957	5.24E-01		0.480447	0.026205	7.58E-05	0.006327	0.513054
2111	494561.06	3859651.99	4.23718	5.64717	5.75384	4.32428		3.84E-01	0.02389	0.00011	0.01002	0.418		4.85E-01	0.030153	9.14E-05	0.005847	5.21E-01		0.477741	0.025934	7.47E-05	0.00621	0.509959
2112	494611.06	3859651.99	4.20916	5.57126	5.63243	4.2773		3.81E-01	0.02357	0.00011	0.00991	0.41502		4.81E-01	0.029748	8.95E-05	0.005783	5.17E-01		0.474581	0.025585	7.31E-05	0.006142	0.506382
2113	494661.06	3859651.99	4.18842	5.52036	5.56954	4.04392		3.80E-01	0.02335	0.0001	0.00937	0.41239		4.79E-01	0.029476	8.85E-05	0.005468	5.14E-01		0.472243	0.025352	7.23E-05	0.005807	0.503474
2114	494711.06	3859651.99	4.14324	5.43436	5.46451	3.96749		3.75E-01	0.02299	0.0001	0.00919	0.40775		4.74E-01	0.029017	8.68E-05	0.005364	5.08E-01		0.467149	0.024957	7.09E-05	0.005698	0.497874
2115	494761.06	3859651.99	4.14246	5.41636	5.36084	3.93741		3.75E-01	0.02291	0.0001	0.00912	0.40753		4.74E-01	0.028921	8.52E-05	0.005324	5.08E-01		0.467061	0.024874	6.96E-05	0.005654	0.497659
2116	494811.06	3859651.99	4.12949	5.3782	5.29576	3.8117		3.74E-01	0.02275	9.9E-05	0.00883	0.4059		4.72E-01	0.028717	8.42E-05	0.005154	5.06E-01		0.465599	0.024699	6.87E-05	0.005474	0.49584
2117	494861.06	3859651.99	4.08178	5.34556	5.23785	3.76956		3.70E-01	0.02261	9.8E-05	0.00873	0.40134		4.67E-01	0.028543	8.32E-05	0.005097	5.01E-01		0.460219	0.024549	6.8E-05	0.005413	0.490249
2118	494911.06	3859651.99	4.02387	5.39323	5.22427	3.69663		3.65E-01	0.02282	9.8E-05	0.00856	0.39613		4.60E-01	0.028797	8.3E-05	0.004998	4.94E-01		0.45369	0.024768	6.78E-05	0.005309	0.483834
2119	494961.06	3859651.99	3.95775	5.34792	5.17617	3.66083		3.59E-01	0.02262	9.7E-05	0.00848	0.38986		4.53E-01	0.028555	8.23E-05	0.00495	4.86E-01		0.446235	0.02456	6.72E-05	0.005257	0.476119
2120	495011.06	3859651.99	3.88196	5.23613	5.08945	3.57747		3.52E-01	0.02215	9.5E-05	0.00829	0.38232		4.44E-01	0.027958	8.09E-05	0.004837	4.77E-01		0.43769	0.024046	6.61E-05	0.005137	0.466939
2121	495061.06	3859651.99	3.80417	5.18303	5.04321	3.54906		3.45E-01	0.02193	9.4E-05	0.00822	0.37498		4.35E-01	0.027675	8.02E-05	0.004799	4.68E-01		0.428919	0.023802	6.55E-05	0.005097	0.457883
2122	495111.06	3859651.99	3.7489	5.21286	5.00992	3.46256		3.40E-01	0.02205	9.4E-05	0.00802	0.3699		4.29E-01	0.027834	7.96E-05	0.004682	4.61E-01		0.422687	0.023939	6.5E-05	0.004972	0.451664
2123	495161.06	3859651.99	3.69838	5.2011	4.99185	3.43332		3.35E-01	0.022	9.3E-05	0.00795	0.3652		4.23E-01	0.027771	7.93E-05	0.004642	4.56E-01		0.416991	0.023885	6.48E-05	0.00493	0.445872
2124	495211.06	3859651.99	3.68749	5.2622	4.92201	3.41118		3.34E-01	0.02226	9.2E-05	0.0079	0.36442		4.22E-01	0.028098	7.82E-05	0.004612	4.55E-01		0.415763	0.024166	6.39E-05	0.004899	0.444892
2125	495261.06	3859651.99	3.68015	5.19962	4.84453	3.34722		3.34E-01	0.022	9.1E-05	0.00775	0.36334		4.21E-01	0.027763	7.7E-05	0.004526	4.53E-01		0.414936	0.023879	6.29E-05	0.004807	0.443684
2126	495311.06	3859651.99	3.64912	5.12807	4.80191	3.30847		3.31E-01	0.02169	9E-05	0.00766	0.36014		4.17E-01	0.027381	7.63E-05	0.004473	4.49E-01		0.411437	0.02355	6.23E-05	0.004751	0.439801
2127	495361.06	3859651.99	3.60354	5.06568	4.81237	3.29236		3.27E-01	0.02143	9E-05	0.00763	0.35571		4.12E-01	0.027048	7.65E-05	0.004452	4.44E-01		0.406298	0.023263	6.25E-05	0.004728	0.434352
2128	495411.06	3859651.99	3.56845	5.01899	4.82036	3.25272		3.23E-01	0.02123	9E-05	0.00753	0.35224		4.08E-01	0.026799	7.66E-05	0.004398	4.39E-01		0.402342	0.023049	6.26E-05	0.004671	0.430124
2129	495461.06	3859651.99	3.52839	4.95519	4.77461	3.1212		3.20E-01	0.02096	8.9E-05	0.00723	0.34803		4.04E-01	0.026458	7.59E-05	0.00422	4.34E-01		0.397825	0.022756	6.2E-05	0.004482	0.425125
2130	495511.06	3859651.99	3.48665	4.91369	4.7524	3.0198		3.16E-01	0.02079	8.9E-05	0.00699	0.34384		3.99E-01	0.026237	7.55E-05	0.004083	4.29E-01		0.393119	0.022565	6.17E-05	0.004337	0.420082
2131	495561.06	3859651.99	3.46792	4.93838	4.71899	2.99543		3.14E-01	0.02089	8.8E-05	0.00694	0.34219		3.97E-01	0.026369	7.5E-05	0.00405	4.27E-01		0.391007	0.022679	6.13E-05	0.004302	0.418049

2132	495611.06	3859651.99	3.43246	4.88941	4.63464	2.9404		3.11E-01	0.02068	8.7E-05	0.00681	0.33864		3.93E-01	0.026107	7.37E-05	0.003976	4.23E-01		0.387009	0.022454	6.02E-05	0.004223	0.413745
2133	495661.06	3859651.99	3.39851	4.85572	4.52017	2.89216		3.08E-01	0.02054	8.5E-05	0.0067	0.33531		3.89E-01	0.025927	7.18E-05	0.003911	4.19E-01		0.383181	0.022299	5.87E-05	0.004153	0.409692
2134	494311.06	3859701.99	4.24672	5.90487	5.81887	4.87656		3.85E-01	0.02498	0.00011	0.0113	0.42123		4.86E-01	0.031529	9.25E-05	0.006594	5.24E-01		0.478816	0.027117	7.55E-05	0.007003	0.513012
2135	494361.06	3859701.99	4.25916	5.88858	5.79875	4.81074		3.86E-01	0.02491	0.00011	0.01114	0.42214		4.87E-01	0.031442	9.22E-05	0.006505	5.25E-01		0.480219	0.027043	7.53E-05	0.006908	0.514245
2136	494411.06	3859701.99	4.25138	5.94427	5.71036	4.77171		3.85E-01	0.02515	0.00011	0.01105	0.42158		4.86E-01	0.03174	9.08E-05	0.006452	5.25E-01		0.479342	0.027298	7.41E-05	0.006852	0.513566
2137	494461.06	3859701.99	4.17001	5.87366	5.64027	4.86023		3.78E-01	0.02485	0.00011	0.01126	0.41411		4.77E-01	0.031363	8.96E-05	0.006572	5.15E-01		0.470167	0.026974	7.32E-05	0.00698	0.504194
2138	494511.06	3859701.99	4.17019	5.78534	5.71704	4.72606		3.78E-01	0.02447	0.00011	0.01095	0.41344		4.77E-01	0.030891	9.09E-05	0.00639	5.14E-01		0.470187	0.026568	7.42E-05	0.006787	0.503617
2139	494561.06	3859701.99	4.17869	5.74782	5.72585	4.64683		3.79E-01	0.02432	0.00011	0.01076	0.41387		4.78E-01	0.030691	9.1E-05	0.006283	5.15E-01		0.471146	0.026396	7.43E-05	0.006673	0.504289
2140	494611.06	3859701.99	4.18599	5.63163	5.71741	4.55405		3.79E-01	0.02382	0.00011	0.01055	0.41382		4.79E-01	0.03007	9.09E-05	0.006158	5.15E-01		0.471969	0.025863	7.42E-05	0.00654	0.504446
2141	494661.06	3859701.99	4.20587	5.60705	5.7305	4.25229		3.81E-01	0.02372	0.00011	0.00985	0.41482		4.81E-01	0.029939	9.11E-05	0.00575	5.17E-01		0.47421	0.02575	7.44E-05	0.006107	0.506141
2142	494711.06	3859701.99	4.17308	5.53687	5.60176	4.25843		3.78E-01	0.02342	0.0001	0.00986	0.41157		4.77E-01	0.029564	8.9E-05	0.005758	5.13E-01		0.470513	0.025427	7.27E-05	0.006115	0.502129
2143	494761.06	3859701.99	4.14497	5.4488	5.5229	4.17414		3.76E-01	0.02305	0.0001	0.00967	0.40845		4.74E-01	0.029094	8.78E-05	0.005644	5.09E-01		0.467344	0.025023	7.17E-05	0.005994	0.498433
2144	494811.06	3859701.99	4.09688	5.36924	5.43625	4.04844		3.71E-01	0.02271	0.0001	0.00938	0.40346		4.69E-01	0.028669	8.64E-05	0.005474	5.03E-01		0.461922	0.024658	7.06E-05	0.005814	0.492464
2145	494861.06	3859701.99	4.09635	5.27972	5.31938	4.04067		3.71E-01	0.02234	1E-04	0.00936	0.40301		4.69E-01	0.028191	8.45E-05	0.005463	5.02E-01		0.461862	0.024246	6.9E-05	0.005803	0.49198
2146	494911.06	3859701.99	4.08635	5.26594	5.24544	3.97109		3.70E-01	0.02228	9.8E-05	0.0092	0.40189		4.67E-01	0.028118	8.34E-05	0.005369	5.01E-01		0.460735	0.024183	6.81E-05	0.005703	0.490688
2147	494961.06	3859701.99	4.04479	5.25953	5.18037	3.88068		3.67E-01	0.02225	9.7E-05	0.00899	0.39788		4.63E-01	0.028083	8.23E-05	0.005247	4.96E-01		0.456049	0.024154	6.72E-05	0.005573	0.485843
2148	495011.06	3859701.99	3.97854	5.20381	5.13507	3.87892		3.61E-01	0.02201	9.6E-05	0.00898	0.39164		4.55E-01	0.027786	8.16E-05	0.005245	4.88E-01		0.448579	0.023898	6.67E-05	0.00557	0.478114
2149	495061.06	3859701.99	3.91524	5.25778	5.10769	3.82888		3.55E-01	0.02224	9.6E-05	0.00887	0.38601		4.48E-01	0.028074	8.12E-05	0.005177	4.81E-01		0.441442	0.024146	6.63E-05	0.005498	0.471152
2150	495111.06	3859701.99	3.82502	5.2426	5.04151	3.76663		3.47E-01	0.02218	9.4E-05	0.00872	0.37763		4.37E-01	0.027993	8.01E-05	0.005093	4.71E-01		0.43127	0.024076	6.54E-05	0.005409	0.46082
2151	495161.06	3859701.99	3.76608	5.13267	4.99763	3.67956		3.41E-01	0.02171	9.4E-05	0.00852	0.37162		4.31E-01	0.027406	7.94E-05	0.004975	4.63E-01		0.424624	0.023571	6.49E-05	0.005284	0.453544
2152	495211.06	3859701.99	3.72118	5.06307	4.96181	3.59522		3.37E-01	0.02142	9.3E-05	0.00833	0.36706		4.26E-01	0.027034	7.89E-05	0.004861	4.58E-01		0.419562	0.023251	6.44E-05	0.005163	0.448041
2153	495261.06	3859701.99	3.67073	5.06112	4.93682	3.61631		3.33E-01	0.02141	9.2E-05	0.00838	0.36253		4.20E-01	0.027024	7.85E-05	0.00489	4.52E-01		0.413874	0.023243	6.41E-05	0.005193	0.442373
2154	495311.06	3859701.99	3.6569	5.05959	4.90422	3.56195		3.31E-01	0.0214	9.2E-05	0.00825	0.36114		4.18E-01	0.027016	7.79E-05	0.004816	4.50E-01		0.412314	0.023236	6.37E-05	0.005115	0.440729
2155	495361.06	3859701.99	3.65217	5.09267	4.81742	3.50315		3.31E-01	0.02154	9E-05	0.00811	0.36072		4.18E-01	0.027192	7.66E-05	0.004737	4.50E-01		0.411781	0.023387	6.25E-05	0.005031	0.440262
2156	495411.06	3859701.99	3.621	5.07606	4.77063	3.38469		3.28E-01	0.02147	8.9E-05	0.00784	0.35755		4.14E-01	0.027104	7.58E-05	0.004576	4.46E-01		0.408267	0.023311	6.19E-05	0.004861	0.4365
2157	495461.06	3859701.99	3.57798	5.03439	4.73223	3.32931		3.24E-01	0.0213	8.9E-05	0.00771	0.35334		4.09E-01	0.026881	7.52E-05	0.004502	4.41E-01		0.403416	0.02312	6.14E-05	0.004781	0.431378
2158	495511.06	3859701.99	3.53857	5.00831	4.72356	3.19432		3.21E-01	0.02119	8.8E-05	0.0074	0.34935		4.05E-01	0.026742	7.51E-05	0.004319	4.36E-01		0.398973	0.023	6.13E-05	0.004587	0.426621
2159	495561.06	3859701.99	3.50641	4.94777	4.74158	3.22431		3.18E-01	0.02093	8.9E-05	0.00747	0.34625		4.01E-01	0.026419	7.54E-05	0.00436	4.32E-01		0.395347	0.022722	6.15E-05	0.00463	0.42276
2160	495611.06	3859701.99	3.47206	4.83367	4.69798	3.14658		3.15E-01	0.02045	8.8E-05	0.00729	0.34247		3.97E-01	0.025809	7.47E-05	0.004255	4.27E-01		0.391474	0.022198	6.1E-05	0.004519	0.418251
2161	495661.06	3859701.99	3.45375	4.83609	4.67732	3.09061		3.13E-01	0.02046	8.8E-05	0.00716	0.34069		3.95E-01	0.025822	7.43E-05	0.004179	4.25E-01		0.389409	0.022209	6.07E-05	0.004438	0.416117
2162	494311.06	3859751.99	4.15299	5.91378	5.62884	5.06177		3.76E-01	0.02502	0.00011	0.01172	0.4132		4.75E-01	0.031577	8.95E-05	0.006844	5.14E-01		0.468248	0.027158	7.31E-05	0.007269	0.502749
2163	494361.06	3859751.99	4.14885	5.89568	5.6461	5.0294		3.76E-01	0.02494	0.00011	0.01165	0.41267		4.75E-01	0.03148	8.97E-05	0.0068	5.13E-01		0.467781	0.027075	7.33E-05	0.007222	0.502152
2164	494411.06	3859751.99	4.16588	5.78845	5.69144	4.95838		3.78E-01	0.02449	0.00011	0.01148	0.4136		4.76E-01	0.030908	9.05E-05	0.006704	5.14E-01		0.469702	0.026583	7.39E-05	0.00712	0.503479
2165	494461.06	3859751.99	4.13542	5.6582	5.59975	5.07308		3.75E-01	0.02394	0.0001	0.01175	0.41055		4.73E-01	0.030212	8.9E-05	0.006859	5.10E-01		0.466267	0.025985	7.27E-05	0.007285	0.49961
2166	494511.06	3859751.99	4.08231	5.61628	5.51041	5.0943		3.70E-01	0.02376	0.0001	0.0118	0.40561		4.67E-01	0.029988	8.76E-05	0.006888	5.04E-01		0.460279	0.025792	7.15E-05	0.007316	0.493458
2167	494561.06	3859751.99	4.07154	5.68147	5.46804	4.98919		3.69E-01	0.02404	0.0001	0.01156	0.40467		4.66E-01	0.030336	8.69E-05	0.006746	5.03E-01		0.459065	0.026091	7.1E-05	0.007165	0.492392
2168	494611.06	3859751.99	4.08506	5.71895	5.51611	4.8101		3.70E-01	0.02419	0.0001	0.01114	0.40564		4.67E-01	0.030536	8.77E-05	0.006504	5.04E-01		0.460589	0.026264	7.16E-05	0.006908	0.493832
2169	494661.06	3859751.99	4.1175	5.64854	5.62335	4.56354		3.73E-01	0.0239	0.00011	0.01057	0.40771		4.71E-01	0.03016	8.94E-05	0.00617	5.07E-01		0.464247	0.02594	7.3E-05	0.006553	0.496813
2170	494711.06	3859751.99	4.12413	5.60321	5.62271	4.54048		3.74E-01	0.0237	0.00011	0.01052	0.40806		4.72E-01	0.029918	8.94E-05	0.006139	5.08E-01		0.464994	0.025732	7.3E-05	0.00652	0.49732
2171	494761.06	3859751.99	4.12488	5.50575	5.60395	4.45753		3.74E-01	0.02329	0.0001	0.01032	0.40753		4.72E-01	0.029398	8.91E-05	0.006027	5.07E-01		0.465079	0.025284	7.27E-05	0.006401	0.496837
2172	494811.06	3859751.99	4.11495	5.42181	5.52848	4.36436		3.73E-01	0.02294	0.0001	0.01011	0.40605		4.71E-01	0.02895	8.79E-05	0.005901	5.06E-01		0.463959	0.024899	7.18E-05	0.006267	0.495197
2173	494861.06	3859751.99	4.06557	5.37017	5.4376	4.33403		3.68E-01	0.02272	0.0001	0.01004	0.40129		4.65E-01	0.028674	8.64E-05	0.00586	5.00E-01		0.458392	0.024662	7.06E-05	0.006224	0.489348
2174	494911.06	3859751.99	4.0386	5.27988	5.34648	4.26387		3.66E-01	0.02234	0.0001	0.00988	0.3983		4.62E-01	0.028192	8.5E-05	0.005765	4.96E-01		0.455351	0.024247	6.94E-05	0.006123	0.48579
2175	494961.06	3859751.99	4.03865	5.22982	5.2618	4.19696		3.66E-01	0.02212	9.9E-05	0.00972	0.39794		4.62E-01	0.027925	8.36E-05	0.005675	4.96E-01		0.455356	0.024017	6.83E-05	0.006027	0.485469
2176	495011.06	3859751.99	4.02102	5.13941	5.19361	4.14757		3.64E-01	0.02174	9.7E-05	0.00961	0.39584		4.60E-01	0.027442	8.25E-05	0.005608	4.93E-01		0.453369	0.023602	6.74E-05	0.005956	0.482994
2177	495061.06	3859751.99	3.96815	5.132	5.0969	4.12553		3.60E-01	0.02171	9.5E-05	0.00956	0.39096		4.54E-01	0.027402	8.1E-05	0.005578	4.87E-01		0.447408	0.023568	6.62E-05	0.005924	0.476966
2178	495111.06	3859751.99	3.91244	5.12538	5.02504	4.06764		3.55E-01	0.02168	9.4E-05	0.00942	0.38575		4.47E-01	0.027367	7.99E-05	0.0055	4.80E-01		0.441126	0.023538	6.52E-05	0.005841	0.47057
2179	495161.06	3859751.99	3.84586	5.07317	5.01457	3.99402		3.49E-01	0.02146	9.4E-05	0.00925	0.37933		4.40E-01	0.027088	7.97E-05	0.0054	4.72E-01		0.433619	0.023298	6.51E-05	0.005736	0.462718
2180	495211.06	3859751.99	3.77242	5.11964	4.98161	3.90298		3.42E-01	0.02166	9.3E-05	0.00904	0.37266		4.31E-01	0.027336	7.92E-05	0.005277	4.64E-01		0.425339	0.023511	6.47E-05	0.005605	0.45452
2181	495261.06	3859751.99	3.71338	5.11198	4.94085	3.86645		3.37E-01	0.02163	9.2E-05	0.00896	0.36719		4.25E-01	0.027296	7.85E-05	0.005228	4.57E-01		0.418682	0.023476	6.41E-05	0.005552	0.447775
2182	495311.06	3859751.99	3.67714	5.05962	4.89283	3.78827		3.33E-01	0.0214	9.2E-05	0.00877	0.3635		4.21E-01	0.027016	7.78E-05	0.005122	4.53E-01		0.414596	0.023236	6.35E-05	0.00544	0.443336
2183	495361.06	3859751.99	3.63518	4.9683	4.87739	3.73444		3.29E-01	0.02102	9.1E-05	0.00865	0.35919		4.16E-01	0.026528	7.75E-05	0.005049	4.47E-01		0.409865	0.022816	6.33E-05	0.005363	0.438108
2184	495411.06	3859751.99	3.61877	4.94114	4.86319	3.69119		3.28E-01	0.0209	9.1E-05	0.00855	0.35748		4.14E-01	0.026383	7.73E-05	0.004991	4.45E-01		0.408015	0.022692	6.31E-05	0.005301	0.43607
2185	495461.06	3859751.99	3.61122	4.94042	4.79759	3.59377		3.27E-01	0.0209	9E-05	0.00832	0.35657		4.13E-01	0.026379	7.62E-05	0.004859	4.44E-01		0.407164	0.022688	6.23E-05	0.005161	0.435075
2186	495511.06	3859751.99	3.58876	4.93633	4.73571	3.47064		3.25E-01	0.02088	8.9E-05	0.00804	0.35423		4.10E-01	0.026358	7.53E-05	0.004693	4.42E-01		0.404631	0.022669	6.15E-05	0.004984	0.432346
2187	495561.06	3859751.99	3.54752	4.96108	4.68702	3.41353		3.21E-01	0.02099	8.8E-05	0.00791	0.35047		4.06E-01	0.02649	7.45E-05	0.004615	4.37E-01		0.399982	0.022783	6.08E-05	0.004902	0.427728
2188	495611.06	3859751.99	3.51156	4.94301	4.6667	3.3665		3.18E-01	0.02091	8.7E-05	0.0078	0.34702		4.02E-01	0.026393	7.42E-05	0.004552	4.33E-01		0.395927	0.0227	6.06E-05	0.004834	0.423522
2189	495661.06	3859751.99	3.47946	4.89676	4.67302	3.34503		3.15E-01	0.02072	8.7E-05	0.00775	0.34387		3.98E-01	0.026146	7.43E-05	0.004523	4.29E-01		0.392308	0.022488	6.07E-05	0.004804	0.41966
2190	494311.06	3859801.99	3.99897	5.95193	5.31561	5.25046		3.62E-01	0.02518	1E-04	0.01216	0.39984		4.57E-01	0.03178	8.45E-05	0.007099	4.96E-01		0.450882	0.027333	6.9E-05	0.00754	0.485825
2191	494361.06	3859801.99	4.03492	5.80715	5.37563	5.1482		3.66E-01	0.02457	0.0001	0.01192	0.40224		4.62E-01	0.031007	8.54E-05	0.006961	5.00E-01		0.454936	0.026669	6.98E-05	0.007393	0.489067
2192	494411.06	3859801.99	4.07742	5.81101	5.51167	5.03079		3.70E-01	0.02458	0.0001	0.01165	0.40584		4.66E-01	0.031028	8.76E-05	0.006802	5.04E-01		0.459728	0.026686	7.15E-05	0.007224	0.49371

2193	494461.06	3859801.99	4.03068	5.7576	5.43251	5.12484	3.65E-01	0.02436	0.0001	0.01187	0.4016	4.61E-01	0.030743	8.63E-05	0.006929	4.99E-01	0.454458	0.026441	7.05E-05	0.00736	0.488329
2194	494511.06	3859801.99	3.96737	5.82423	5.35104	5.23159	3.60E-01	0.02464	0.0001	0.01212	0.39639	4.54E-01	0.031099	8.5E-05	0.007074	4.92E-01	0.44732	0.026747	6.95E-05	0.007513	0.481649
2195	494561.06	3859801.99	3.98477	5.68211	5.37575	5.20968	3.61E-01	0.02404	0.0001	0.01207	0.39731	4.56E-01	0.03034	8.54E-05	0.007044	4.93E-01	0.449281	0.026094	6.98E-05	0.007481	0.482927
2196	494611.06	3859801.99	4.04266	5.48986	5.4629	5.05079	3.66E-01	0.02322	0.0001	0.0117	0.40138	4.62E-01	0.029313	8.68E-05	0.006829	4.99E-01	0.455809	0.025211	7.09E-05	0.007253	0.488344
2197	494661.06	3859801.99	4.02783	5.48261	5.41478	4.97062	3.65E-01	0.02319	0.0001	0.01151	0.39982	4.61E-01	0.029275	8.61E-05	0.006721	4.97E-01	0.454136	0.025178	7.03E-05	0.007138	0.486523
2198	494711.06	3859801.99	4.03592	5.56516	5.40364	4.79637	3.66E-01	0.02354	0.0001	0.01111	0.4005	4.62E-01	0.029715	8.59E-05	0.006485	4.98E-01	0.455049	0.025557	7.01E-05	0.006888	0.487564
2199	494761.06	3859801.99	4.00872	5.56951	5.3698	4.75821	3.63E-01	0.02356	0.0001	0.01102	0.39796	4.59E-01	0.029739	8.53E-05	0.006434	4.95E-01	0.451982	0.025577	6.97E-05	0.006833	0.484462
2200	494811.06	3859801.99	4.03053	5.45483	5.4057	4.64368	3.65E-01	0.02308	0.0001	0.01076	0.39919	4.61E-01	0.029126	8.59E-05	0.006279	4.96E-01	0.454441	0.025051	7.02E-05	0.006669	0.48623
2201	494861.06	3859801.99	4.02629	5.44813	5.43603	4.55875	3.65E-01	0.02305	0.0001	0.01056	0.39858	4.61E-01	0.02909	8.64E-05	0.006164	4.96E-01	0.453963	0.02502	7.06E-05	0.006547	0.4856
2202	494911.06	3859801.99	4.03005	5.34567	5.43604	4.46282	3.65E-01	0.02261	0.0001	0.01034	0.39827	4.61E-01	0.028543	8.64E-05	0.006034	4.96E-01	0.454387	0.024549	7.06E-05	0.006409	0.485415
2203	494961.06	3859801.99	3.97486	5.27304	5.35001	4.43214	3.60E-01	0.02231	0.0001	0.01027	0.39288	4.55E-01	0.028156	8.5E-05	0.005993	4.89E-01	0.448164	0.024216	6.94E-05	0.006365	0.478814
2204	495011.06	3859801.99	3.96749	5.20304	5.26998	4.373	3.60E-01	0.02201	9.9E-05	0.01013	0.39178	4.54E-01	0.027782	8.38E-05	0.005913	4.88E-01	0.447333	0.023894	6.84E-05	0.00628	0.477576
2205	495061.06	3859801.99	3.96804	5.12335	5.19113	4.33152	3.60E-01	0.02167	9.7E-05	0.01003	0.3914	4.54E-01	0.027356	8.25E-05	0.005857	4.87E-01	0.447395	0.023528	6.74E-05	0.00622	0.477211
2206	495111.06	3859801.99	3.95615	5.08707	5.13448	4.2646	3.59E-01	0.02152	9.6E-05	0.00988	0.39001	4.52E-01	0.027163	8.16E-05	0.005766	4.86E-01	0.446055	0.023362	6.66E-05	0.006124	0.475607
2207	495161.06	3859801.99	3.92396	5.02661	5.06139	4.20275	3.56E-01	0.02127	9.5E-05	0.00973	0.38669	4.49E-01	0.02684	8.04E-05	0.005683	4.81E-01	0.442425	0.023084	6.57E-05	0.006035	0.47161
2208	495211.06	3859801.99	3.86303	4.97768	4.96223	4.1589	3.50E-01	0.02106	9.3E-05	0.00963	0.38086	4.42E-01	0.026578	7.89E-05	0.005623	4.74E-01	0.435555	0.022859	6.44E-05	0.005972	0.464451
2209	495261.06	3859801.99	3.80219	5.00729	4.91606	4.07958	3.45E-01	0.02118	9.2E-05	0.00945	0.37529	4.35E-01	0.026737	7.81E-05	0.005516	4.67E-01	0.428696	0.022995	6.38E-05	0.005858	0.457613
2210	495311.06	3859801.99	3.71242	4.97646	4.90143	4.04305	3.36E-01	0.02105	9.2E-05	0.00936	0.36694	4.25E-01	0.026572	7.79E-05	0.005467	4.57E-01	0.418574	0.022854	6.36E-05	0.005806	0.447297
2211	495361.06	3859801.99	3.67006	4.98687	4.87513	3.9712	3.33E-01	0.0211	9.1E-05	0.0092	0.36297	4.20E-01	0.026627	7.75E-05	0.005369	4.52E-01	0.413798	0.022902	6.33E-05	0.005703	0.442466
2212	495411.06	3859801.99	3.63463	4.9945	4.84453	3.86859	3.29E-01	0.02113	9.1E-05	0.00896	0.35956	4.16E-01	0.026668	7.7E-05	0.005231	4.48E-01	0.409803	0.022937	6.29E-05	0.005555	0.438358
2213	495461.06	3859801.99	3.5988	4.96222	4.80132	3.79915	3.26E-01	0.02099	9E-05	0.0088	0.35601	4.12E-01	0.026496	7.63E-05	0.005137	4.43E-01	0.405763	0.022788	6.23E-05	0.005456	0.43407
2214	495511.06	3859801.99	3.58033	4.90646	4.80312	3.70997	3.24E-01	0.02076	9E-05	0.00859	0.3539	4.10E-01	0.026198	7.63E-05	0.005016	4.41E-01	0.403681	0.022532	6.23E-05	0.005328	0.431603
2215	495561.06	3859801.99	3.56876	4.81935	4.76486	3.67487	3.23E-01	0.02039	8.9E-05	0.00851	0.3524	4.08E-01	0.025733	7.57E-05	0.004969	4.39E-01	0.402376	0.022132	6.18E-05	0.005277	0.429848
2216	495611.06	3859801.99	3.54362	4.80315	4.68732	3.64713	3.21E-01	0.02032	8.8E-05	0.00845	0.34999	4.05E-01	0.025647	7.45E-05	0.004931	4.36E-01	0.399542	0.022058	6.08E-05	0.005237	0.426898
2217	495661.06	3859801.99	3.51377	4.78894	4.65475	3.54628	3.18E-01	0.02026	8.7E-05	0.00821	0.34699	4.02E-01	0.025571	7.4E-05	0.004795	4.32E-01	0.396176	0.021993	6.04E-05	0.005093	0.423322
2218	494311.06	3859851.99	3.96507	5.79616	5.16505	5.40526	3.59E-01	0.02452	9.7E-05	0.01252	0.39646	4.54E-01	0.030949	8.21E-05	0.007308	4.92E-01	0.44706	0.026618	6.7E-05	0.007762	0.481508
2219	494361.06	3859851.99	3.94687	5.76446	5.16129	5.31553	3.58E-01	0.02439	9.7E-05	0.01231	0.39447	4.51E-01	0.030779	8.2E-05	0.007187	4.89E-01	0.445008	0.026473	6.7E-05	0.007633	0.479181
2220	494411.06	3859851.99	3.94435	5.7444	5.20099	5.21763	3.57E-01	0.0243	9.7E-05	0.01209	0.39393	4.51E-01	0.030672	8.27E-05	0.007055	4.89E-01	0.444724	0.02638	6.75E-05	0.007493	0.478665
2221	494461.06	3859851.99	3.94385	5.80341	5.22114	5.18923	3.57E-01	0.02455	9.8E-05	0.01202	0.39407	4.51E-01	0.030987	8.3E-05	0.007016	4.89E-01	0.444668	0.026651	6.78E-05	0.007452	0.478839
2222	494511.06	3859851.99	3.90875	5.71752	5.21683	5.21834	3.54E-01	0.02419	9.8E-05	0.01209	0.39059	4.47E-01	0.030529	8.29E-05	0.007056	4.85E-01	0.44071	0.026257	6.77E-05	0.007494	0.474529
2223	494561.06	3859851.99	3.86473	5.59748	5.14176	5.26486	3.50E-01	0.02368	9.6E-05	0.01219	0.3862	4.42E-01	0.029888	8.17E-05	0.007119	4.79E-01	0.435747	0.025706	6.67E-05	0.007561	0.46908
2224	494611.06	3859851.99	3.93528	5.59353	5.28404	5.12299	3.57E-01	0.02366	9.9E-05	0.01187	0.39225	4.50E-01	0.029867	8.4E-05	0.006927	4.87E-01	0.443701	0.025688	6.86E-05	0.007357	0.476815
2225	494661.06	3859851.99	3.91541	5.6781	5.2657	5.16136	3.55E-01	0.02402	9.9E-05	0.01195	0.3909	4.48E-01	0.030318	8.37E-05	0.006979	4.85E-01	0.441461	0.026076	6.84E-05	0.007412	0.475017
2226	494711.06	3859851.99	3.96217	5.44807	5.34424	5.06026	3.59E-01	0.02305	0.0001	0.01172	0.39393	4.53E-01	0.02909	8.49E-05	0.006842	4.89E-01	0.446733	0.02502	6.94E-05	0.007267	0.479089
2227	494761.06	3859851.99	3.8913	5.28078	5.23836	5.12631	3.53E-01	0.02234	9.8E-05	0.01187	0.38695	4.45E-01	0.028197	8.33E-05	0.006931	4.80E-01	0.438743	0.024251	6.8E-05	0.007362	0.470424
2228	494811.06	3859851.99	3.89852	5.26972	5.20697	4.98581	3.53E-01	0.02229	9.7E-05	0.01155	0.38723	4.46E-01	0.028138	8.28E-05	0.006741	4.81E-01	0.439557	0.024201	6.76E-05	0.00716	0.470985
2229	494861.06	3859851.99	3.88814	5.30831	5.15315	4.86107	3.52E-01	0.02246	9.6E-05	0.01126	0.38616	4.45E-01	0.028344	8.19E-05	0.006573	4.80E-01	0.438386	0.024378	6.69E-05	0.006981	0.469812
2230	494911.06	3859851.99	3.91882	5.40158	5.20981	4.72795	3.55E-01	0.02285	9.8E-05	0.01095	0.38903	4.48E-01	0.028842	8.28E-05	0.006393	4.84E-01	0.441846	0.024806	6.76E-05	0.00679	0.473509
2231	494961.06	3859851.99	3.92756	5.30147	5.24756	4.63199	3.56E-01	0.02243	9.8E-05	0.01073	0.38918	4.49E-01	0.028307	8.34E-05	0.006263	4.84E-01	0.442831	0.024346	6.81E-05	0.006652	0.473897
2232	495011.06	3859851.99	3.91145	5.27904	5.26017	4.56122	3.54E-01	0.02233	9.8E-05	0.01056	0.38746	4.47E-01	0.028188	8.36E-05	0.006167	4.82E-01	0.441015	0.024243	6.83E-05	0.00655	0.471876
2233	495061.06	3859851.99	3.85877	5.19044	5.2056	4.55637	3.50E-01	0.02196	9.7E-05	0.01055	0.3823	4.41E-01	0.027714	8.27E-05	0.006161	4.75E-01	0.435075	0.023836	6.76E-05	0.006543	0.465522
2234	495111.06	3859851.99	3.87343	5.11888	5.16398	4.47777	3.51E-01	0.02166	9.7E-05	0.01037	0.38314	4.43E-01	0.027332	8.21E-05	0.006054	4.77E-01	0.436728	0.023508	6.7E-05	0.00643	0.466733
2235	495161.06	3859851.99	3.88152	5.05011	5.11122	4.42103	3.52E-01	0.02136	9.6E-05	0.01024	0.38345	4.44E-01	0.026965	8.12E-05	0.005978	4.77E-01	0.43764	0.023192	6.63E-05	0.006349	0.467247
2236	495211.06	3859851.99	3.86249	4.98486	5.05594	4.38163	3.50E-01	0.02109	9.5E-05	0.01015	0.38136	4.42E-01	0.026617	8.04E-05	0.005924	4.74E-01	0.435494	0.022892	6.56E-05	0.006292	0.464745
2237	495261.06	3859851.99	3.84198	4.92977	4.99827	4.33537	3.48E-01	0.02086	9.4E-05	0.01004	0.37916	4.39E-01	0.026323	7.94E-05	0.005862	4.72E-01	0.433182	0.022639	6.49E-05	0.006226	0.462112
2238	495311.06	3859851.99	3.77987	4.90893	4.89406	4.27857	3.43E-01	0.02077	9.2E-05	0.00991	0.37331	4.32E-01	0.026211	7.78E-05	0.005785	4.64E-01	0.426179	0.022544	6.35E-05	0.006144	0.45493
2239	495361.06	3859851.99	3.72279	4.82666	4.80358	4.22236	3.37E-01	0.02042	9E-05	0.00978	0.36766	4.26E-01	0.025772	7.63E-05	0.005709	4.57E-01	0.419743	0.022166	6.24E-05	0.006064	0.448035
2240	495411.06	3859851.99	3.66353	4.8779	4.80903	4.14011	3.32E-01	0.02064	9E-05	0.00959	0.36231	4.19E-01	0.026046	7.64E-05	0.005598	4.51E-01	0.413062	0.022401	6.24E-05	0.005945	0.441471
2241	495461.06	3859851.99	3.62941	4.88823	4.80098	4.06363	3.29E-01	0.02068	9E-05	0.00941	0.35909	4.15E-01	0.026101	7.63E-05	0.005494	4.47E-01	0.409215	0.022449	6.23E-05	0.005836	0.437561
2242	495511.06	3859851.99	3.59215	4.87275	4.78609	3.9449	3.26E-01	0.02061	9E-05	0.00914	0.35537	4.11E-01	0.026018	7.61E-05	0.005334	4.42E-01	0.405014	0.022377	6.21E-05	0.005665	0.433118
2243	495561.06	3859851.99	3.5542	4.86637	4.73063	3.88637	3.22E-01	0.02059	8.9E-05	0.009	0.35177	4.07E-01	0.025984	7.52E-05	0.005255	4.38E-01	0.400735	0.022348	6.14E-05	0.005581	0.428725
2244	495611.06	3859851.99	3.52951	4.85243	4.71131	3.85515	3.20E-01	0.02053	8.8E-05	0.00893	0.3494	4.04E-01	0.02591	7.49E-05	0.005213	4.35E-01	0.397951	0.022284	6.12E-05	0.005536	0.425833
2245	495661.06	3859851.99	3.52423	4.79356	4.70757	3.78573	3.19E-01	0.02028	8.8E-05	0.00877	0.34851	4.03E-01	0.025595	7.48E-05	0.005119	4.34E-01	0.397356	0.022014	6.11E-05	0.005437	0.424867
2246	494311.06	3859901.99	3.95171	5.58976	5.0281	5.65482	3.58E-01	0.02365	9.4E-05	0.0131	0.39495	4.52E-01	0.029847	7.99E-05	0.007646	4.90E-01	0.445554	0.02567	6.53E-05	0.008121	0.47941
2247	494361.06	3859901.99	3.97658	5.58632	5.07131	5.4719	3.60E-01	0.02363	9.5E-05	0.01267	0.39677	4.55E-01	0.029828	8.06E-05	0.007399	4.92E-01	0.448358	0.025654	6.58E-05	0.007858	0.481936
2248	494411.06	3859901.99	3.9046	5.61682	5.06454	5.40263	3.54E-01	0.02376	9.5E-05	0.01251	0.39021	4.47E-01	0.029991	8.05E-05	0.007305	4.84E-01	0.440242	0.025795	6.57E-05	0.007758	0.473861
2249	494461.06	3859901.99	3.86776	5.6523	5.04114	5.31191	3.51E-01	0.02391	9.4E-05	0.0123	0.38681	4.42E-01	0.030181	8.01E-05	0.007182	4.80E-01	0.436089	0.025957	6.54E-05	0.007628	0.46974
2250	494511.06	3859901.99	3.82182	5.602	5.00544	5.29743	3.46E-01	0.0237	9.4E-05	0.01227	0.3824	4.37E-01	0.029912	7.96E-05	0.007163	4.74E-01	0.430909	0.025726	6.5E-05	0.007607	0.464308
2251	494561.06	3859901.99	3.74864	5.50471	4.92313	5.39956	3.40E-01	0.02329	9.2E-05	0.01251	0.3756	4.29E-01	0.029393	7.82E-05	0.007301	4.66E-01	0.422658	0.02528	6.39E-05	0.007754	0.455756
2252	494611.06	3859901.99	3.82454	5.58873	5.0656	5.25286	3.47E-01	0.02364	9.5E-05	0.01217	0.38249	4.37E-01	0.029841	8.05E-05	0.007102	4.74E-01	0.431216	0.025666	6.58E-05	0.007543	0.46449
2253	494661.06	3859901.99	3.77619	5.51486	5.01143	5.29703	3.42E-01	0.02333	9.4E-05	0.01227	0.3779	4.32E-01	0.029447	7.96E-05	0.007162	4.69E-01	0.425764	0.025326	6.51E-05	0.007607	0.458762

2254	494711.06	3859901.99	3.84637	5.50515	5.12556	5.14428	3.49E-01	0.02329	9.6E-05	0.01192	0.38387	4.40E-01	0.029395	8.15E-05	0.006956	4.76E-01	0.433677	0.025282	6.65E-05	0.007387	0.466413
2255	494761.06	3859901.99	3.81183	5.45352	5.10722	5.1733	3.45E-01	0.02307	9.6E-05	0.01198	0.38059	4.36E-01	0.029119	8.12E-05	0.006995	4.72E-01	0.429783	0.025045	6.63E-05	0.007429	0.462323
2256	494811.06	3859901.99	3.77834	5.46908	5.07911	5.21365	3.42E-01	0.02314	9.5E-05	0.01208	0.37771	4.32E-01	0.029202	8.07E-05	0.007049	4.68E-01	0.426007	0.025116	6.59E-05	0.007487	0.458676
2257	494861.06	3859901.99	3.75221	5.359	5.05035	5.21005	3.40E-01	0.02267	9.5E-05	0.01207	0.37487	4.29E-01	0.028614	8.03E-05	0.007045	4.65E-01	0.42306	0.024611	6.56E-05	0.007482	0.455218
2258	494911.06	3859901.99	3.76959	5.24766	5.05428	5.09309	3.42E-01	0.0222	9.5E-05	0.0118	0.3757	4.31E-01	0.02802	8.03E-05	0.006886	4.66E-01	0.42502	0.024099	6.56E-05	0.007314	0.456499
2259	494961.06	3859901.99	3.76504	5.1215	4.99512	4.95695	3.41E-01	0.02167	9.4E-05	0.01148	0.37444	4.31E-01	0.027346	7.94E-05	0.006702	4.65E-01	0.424507	0.02352	6.48E-05	0.007118	0.45521
2260	495011.06	3859901.99	3.79155	5.13612	4.98423	4.81218	3.44E-01	0.02173	9.3E-05	0.01115	0.37657	4.34E-01	0.027424	7.92E-05	0.006507	4.68E-01	0.427496	0.023587	6.47E-05	0.006911	0.458058
2261	495061.06	3859901.99	3.81155	5.22175	5.03256	4.7042	3.45E-01	0.02209	9.4E-05	0.0109	0.37849	4.36E-01	0.027882	8E-05	0.006361	4.70E-01	0.429751	0.02398	6.53E-05	0.006755	0.460552
2262	495111.06	3859901.99	3.82255	5.1711	5.08623	4.60034	3.46E-01	0.02188	9.5E-05	0.01066	0.37903	4.37E-01	0.027611	8.08E-05	0.00622	4.71E-01	0.430991	0.023748	6.6E-05	0.006606	0.461411
2263	495161.06	3859901.99	3.79894	5.1376	5.10388	4.55571	3.44E-01	0.02173	9.6E-05	0.01055	0.37665	4.35E-01	0.027432	8.11E-05	0.00616	4.68E-01	0.428329	0.023594	6.63E-05	0.006542	0.458531
2264	495211.06	3859901.99	3.77083	5.07938	5.05894	4.54902	3.42E-01	0.02149	9.5E-05	0.01054	0.37384	4.31E-01	0.027121	8.04E-05	0.006151	4.65E-01	0.42516	0.023326	6.57E-05	0.006533	0.455084
2265	495261.06	3859901.99	3.80347	4.98283	5.03464	4.46948	3.45E-01	0.02108	9.4E-05	0.01035	0.3762	4.35E-01	0.026606	8E-05	0.006043	4.68E-01	0.42884	0.022883	6.54E-05	0.006418	0.458207
2266	495311.06	3859901.99	3.76968	4.91416	4.96215	4.46224	3.42E-01	0.02079	9.3E-05	0.01034	0.37283	4.31E-01	0.026239	7.89E-05	0.006033	4.64E-01	0.42503	0.022568	6.44E-05	0.006408	0.45407
2267	495361.06	3859901.99	3.75145	4.85327	4.91768	4.40984	3.40E-01	0.02053	9.2E-05	0.01021	0.3708	4.29E-01	0.025914	7.82E-05	0.005963	4.61E-01	0.422975	0.022288	6.38E-05	0.006333	0.451659
2268	495411.06	3859901.99	3.72218	4.79407	4.85964	4.31754	3.37E-01	0.02028	9.1E-05	0.01	0.36768	4.26E-01	0.025598	7.72E-05	0.005838	4.57E-01	0.419675	0.022016	6.31E-05	0.0062	0.447954
2269	495461.06	3859901.99	3.68533	4.77855	4.75429	4.24075	3.34E-01	0.02022	8.9E-05	0.00982	0.3641	4.22E-01	0.025515	7.56E-05	0.005734	4.53E-01	0.41552	0.021945	6.17E-05	0.00609	0.443616
2270	495511.06	3859901.99	3.60978	4.72928	4.70758	4.20889	3.27E-01	0.02001	8.8E-05	0.00975	0.35697	4.13E-01	0.025252	7.48E-05	0.005691	4.44E-01	0.407001	0.021719	6.11E-05	0.006044	0.434825
2271	495561.06	3859901.99	3.56587	4.74776	4.69732	4.17596	3.23E-01	0.02009	8.8E-05	0.00967	0.35299	4.08E-01	0.025351	7.47E-05	0.005646	4.39E-01	0.402051	0.021803	6.1E-05	0.005997	0.429912
2272	495611.06	3859901.99	3.53672	4.77798	4.69172	4.06822	3.21E-01	0.02021	8.8E-05	0.00942	0.35023	4.05E-01	0.025512	7.46E-05	0.005501	4.36E-01	0.398764	0.021942	6.09E-05	0.005842	0.426609
2273	495661.06	3859901.99	3.50925	4.79877	4.68056	3.95911	3.18E-01	0.0203	8.8E-05	0.00917	0.34757	4.01E-01	0.025623	7.44E-05	0.005353	4.32E-01	0.395667	0.022038	6.08E-05	0.005685	0.423451
2274	494311.06	3859951.99	3.90306	5.484	4.97906	5.9092	3.54E-01	0.0232	9.3E-05	0.01369	0.39068	4.46E-01	0.029282	7.91E-05	0.00799	4.84E-01	0.440069	0.025185	6.46E-05	0.008486	0.473804
2275	494361.06	3859951.99	3.86706	5.36268	4.96353	5.7769	3.50E-01	0.02269	9.3E-05	0.01338	0.3866	4.42E-01	0.028634	7.89E-05	0.007811	4.79E-01	0.43601	0.024627	6.44E-05	0.008296	0.468997
2276	494411.06	3859951.99	3.87352	5.57389	4.93319	5.66409	3.51E-01	0.02358	9.2E-05	0.01312	0.38782	4.43E-01	0.029762	7.84E-05	0.007658	4.81E-01	0.436738	0.025597	6.4E-05	0.008134	0.470533
2277	494461.06	3859951.99	3.85665	5.43943	4.90568	5.55563	3.49E-01	0.02301	9.2E-05	0.01287	0.38547	4.41E-01	0.029044	7.8E-05	0.007512	4.78E-01	0.434836	0.02498	6.37E-05	0.007978	0.467858
2278	494511.06	3859951.99	3.81226	5.3991	4.9062	5.4773	3.45E-01	0.02284	9.2E-05	0.01269	0.38109	4.36E-01	0.028829	7.8E-05	0.007406	4.72E-01	0.429831	0.024795	6.37E-05	0.007866	0.462555
2279	494561.06	3859951.99	3.70592	5.1304	4.80092	5.50832	3.36E-01	0.0217	9E-05	0.01276	0.37039	4.24E-01	0.027394	7.63E-05	0.007448	4.59E-01	0.417841	0.023561	6.23E-05	0.00791	0.449374
2280	494611.06	3859951.99	3.69573	5.42699	4.83252	5.35638	3.35E-01	0.02296	9E-05	0.01241	0.37037	4.23E-01	0.028978	7.68E-05	0.007242	4.59E-01	0.416692	0.024923	6.27E-05	0.007692	0.44937
2281	494661.06	3859951.99	3.64807	4.99588	4.77867	5.4223	3.31E-01	0.02114	8.9E-05	0.01256	0.36438	4.17E-01	0.026676	7.59E-05	0.007332	4.51E-01	0.411319	0.022943	6.2E-05	0.007787	0.44211
2282	494711.06	3859951.99	3.69622	5.38013	4.86074	5.33069	3.35E-01	0.02276	9.1E-05	0.01235	0.37016	4.23E-01	0.028727	7.73E-05	0.007208	4.59E-01	0.416748	0.024708	6.31E-05	0.007655	0.449173
2283	494761.06	3859951.99	3.68219	5.34962	4.86268	5.33465	3.34E-01	0.02263	9.1E-05	0.01236	0.36877	4.21E-01	0.028564	7.73E-05	0.007213	4.57E-01	0.415166	0.024567	6.31E-05	0.007661	0.447457
2284	494811.06	3859951.99	3.67488	5.33027	4.86167	5.30617	3.33E-01	0.02255	9.1E-05	0.01229	0.36796	4.20E-01	0.028461	7.73E-05	0.007175	4.56E-01	0.414341	0.024479	6.31E-05	0.00762	0.446503
2285	494861.06	3859951.99	3.64014	5.20691	4.85411	5.30375	3.30E-01	0.02203	9.1E-05	0.01228	0.36428	4.16E-01	0.027802	7.71E-05	0.007171	4.51E-01	0.410425	0.023912	6.3E-05	0.007616	0.442016
2286	494911.06	3859951.99	3.66676	5.22015	4.90519	5.24605	3.32E-01	0.02208	9.2E-05	0.01215	0.36662	4.19E-01	0.027873	7.8E-05	0.007093	4.54E-01	0.413426	0.023973	6.37E-05	0.007534	0.444996
2287	494961.06	3859951.99	3.66423	5.26218	4.92512	5.19274	3.32E-01	0.02226	9.2E-05	0.01203	0.36644	4.19E-01	0.028098	7.83E-05	0.007021	4.54E-01	0.413141	0.024166	6.39E-05	0.007457	0.444828
2288	495011.06	3859951.99	3.67339	5.2142	4.91281	5.13468	3.33E-01	0.02206	9.2E-05	0.01189	0.36693	4.20E-01	0.027841	7.81E-05	0.006943	4.55E-01	0.414173	0.023946	6.38E-05	0.007374	0.445556
2289	495061.06	3859951.99	3.67009	5.09155	4.86888	5.01629	3.33E-01	0.02154	9.1E-05	0.01162	0.36584	4.20E-01	0.027186	7.74E-05	0.006783	4.54E-01	0.413801	0.023382	6.32E-05	0.007204	0.444451
2290	495111.06	3859951.99	3.7014	4.99932	4.86624	4.84404	3.35E-01	0.02115	9.1E-05	0.01122	0.36789	4.23E-01	0.026694	7.73E-05	0.00655	4.57E-01	0.417332	0.022959	6.32E-05	0.006956	0.44731
2291	495161.06	3859951.99	3.73244	4.99852	4.89584	4.72106	3.38E-01	0.02115	9.2E-05	0.01093	0.37041	4.27E-01	0.02669	7.78E-05	0.006383	4.60E-01	0.420831	0.022955	6.35E-05	0.00678	0.45063
2292	495211.06	3859951.99	3.75723	5.06739	4.96459	4.60397	3.40E-01	0.02144	9.3E-05	0.01066	0.37268	4.30E-01	0.027057	7.89E-05	0.006225	4.63E-01	0.423626	0.023271	6.44E-05	0.006612	0.453574
2293	495261.06	3859951.99	3.72702	5.06301	4.95781	4.57049	3.38E-01	0.02142	9.3E-05	0.01059	0.36985	4.26E-01	0.027034	7.88E-05	0.00618	4.60E-01	0.42022	0.023251	6.44E-05	0.006563	0.450099
2294	495311.06	3859951.99	3.6824	4.99642	4.91803	4.58164	3.34E-01	0.02114	9.2E-05	0.01061	0.36555	4.21E-01	0.026678	7.82E-05	0.006195	4.54E-01	0.415189	0.022945	6.38E-05	0.006579	0.444778
2295	495361.06	3859951.99	3.67812	4.97129	4.91458	4.56095	3.33E-01	0.02103	9.2E-05	0.01056	0.36501	4.21E-01	0.026544	7.81E-05	0.006167	4.53E-01	0.414707	0.02283	6.38E-05	0.00655	0.44415
2296	495411.06	3859951.99	3.68162	4.84647	4.8802	4.50533	3.34E-01	0.0205	9.1E-05	0.01044	0.36467	4.21E-01	0.025878	7.76E-05	0.006092	4.53E-01	0.415101	0.022257	6.33E-05	0.00647	0.443891
2297	495461.06	3859951.99	3.67428	4.78406	4.83959	4.45279	3.33E-01	0.02024	9.1E-05	0.01031	0.36361	4.20E-01	0.025545	7.69E-05	0.006021	4.52E-01	0.414274	0.02197	6.28E-05	0.006394	0.442701
2298	495511.06	3859951.99	3.64727	4.73364	4.78661	4.38817	3.31E-01	0.02003	9E-05	0.01016	0.3608	4.17E-01	0.025275	7.61E-05	0.005933	4.48E-01	0.411228	0.021739	6.21E-05	0.006302	0.439331
2299	495561.06	3859951.99	3.57586	4.66538	4.6497	4.36259	3.24E-01	0.01974	8.7E-05	0.0101	0.35398	4.09E-01	0.024911	7.39E-05	0.005899	4.40E-01	0.403177	0.021425	6.04E-05	0.006265	0.430927
2300	495611.06	3859951.99	3.52892	4.64389	4.59115	4.29509	3.20E-01	0.01965	8.6E-05	0.00995	0.34948	4.04E-01	0.024796	7.3E-05	0.005807	4.34E-01	0.397885	0.021326	5.96E-05	0.006168	0.425439
2301	495661.06	3859951.99	3.52028	4.63604	4.61242	4.2032	3.19E-01	0.01961	8.6E-05	0.00974	0.34845	4.03E-01	0.024754	7.33E-05	0.005683	4.33E-01	0.39691	0.02129	5.99E-05	0.006036	0.424297
2302	494311.06	3860001.99	3.83404	5.6754	4.99638	5.98565	3.47E-01	0.02401	9.4E-05	0.01386	0.38542	4.39E-01	0.030304	7.94E-05	0.008093	4.77E-01	0.432287	0.026064	6.49E-05	0.008596	0.467011
2303	494361.06	3860001.99	3.85735	5.58444	4.93245	5.95991	3.50E-01	0.02363	9.2E-05	0.0138	0.38708	4.41E-01	0.029818	7.84E-05	0.008058	4.79E-01	0.434915	0.025646	6.4E-05	0.008559	0.469183
2304	494411.06	3860001.99	3.84942	5.44922	4.90023	5.87717	3.49E-01	0.02305	9.2E-05	0.01361	0.3856	4.40E-01	0.029096	7.79E-05	0.007947	4.77E-01	0.434021	0.025025	6.36E-05	0.00844	0.467549
2305	494461.06	3860001.99	3.78661	5.34239	4.83531	5.81017	3.43E-01	0.0226	9.1E-05	0.01346	0.3793	4.33E-01	0.028526	7.68E-05	0.007856	4.70E-01	0.426939	0.024534	6.28E-05	0.008344	0.45988
2306	494511.06	3860001.99	3.79399	5.21634	4.82882	5.69373	3.44E-01	0.02207	9E-05	0.01319	0.37917	4.34E-01	0.027853	7.67E-05	0.007699	4.70E-01	0.427771	0.023955	6.27E-05	0.008176	0.459966
2307	494561.06	3860001.99	3.7307	5.13747	4.70861	5.70583	3.38E-01	0.02173	8.8E-05	0.01322	0.37312	4.27E-01	0.027432	7.48E-05	0.007715	4.62E-01	0.420635	0.023593	6.11E-05	0.008194	0.452483
2308	494611.06	3860001.99	3.71016	5.12414	4.7137	5.58922	3.36E-01	0.02168	8.8E-05	0.01295	0.37093	4.24E-01	0.02736	7.49E-05	0.007557	4.59E-01	0.418319	0.023532	6.12E-05	0.008026	0.449939
2309	494661.06	3860001.99	3.64435	5.09157	4.70436	5.53243	3.30E-01	0.02154	8.8E-05	0.01281	0.3647	4.17E-01	0.027187	7.48E-05	0.00748	4.52E-01	0.410899	0.023382	6.11E-05	0.007945	0.442288
2310	494711.06	3860001.99	3.64023	5.01224	4.74963	5.34103	3.30E-01	0.0212	8.9E-05	0.01237	0.36355	4.16E-01	0.026763	7.55E-05	0.007222	4.50E-01	0.410435	0.023018	6.17E-05	0.00767	0.441184
2311	494761.06	3860001.99	3.58363	4.94483	4.66723	5.39474	3.25E-01	0.02092	8.7E-05	0.0125	0.35826	4.10E-01	0.026403	7.42E-05	0.007294	4.44E-01	0.404053	0.022708	6.06E-05	0.007747	0.434569
2312	494811.06	3860001.99	3.56744	4.87663	4.66109	5.41521	3.23E-01	0.02063	8.7E-05	0.01254	0.35655	4.08E-01	0.026039	7.41E-05	0.007322	4.41E-01	0.402228	0.022395	6.05E-05	0.007777	0.43246
2313	494861.06	3860001.99	3.54927	4.85628	4.66545	5.43993	3.22E-01	0.02054	8.7E-05	0.0126	0.35487	4.06E-01	0.02593	7.41E-05	0.007355	4.39E-01	0.400179	0.022302	6.06E-05	0.007812	0.430353
2314	494911.06	3860001.99	3.60076	5.20669	4.75828	5.30783	3.26E-01	0.02203	8.9E-05	0.01229	0.36072	4.12E-01	0.027801	7.56E-05	0.007177	4.47E-01	0.405984	0.023911	6.18E-05	0.007622	0.43758

2315	494961.06	3860001.99	3.58555	5.15761	4.74131	5.29547		3.25E-01	0.02182	8.9E-05	0.01227	0.3591		4.10E-01	0.027539	7.54E-05	0.00716	4.45E-01		0.40427	0.023686	6.15E-05	0.007605	0.435621
2316	495011.06	3860001.99	3.59641	5.0891	4.79436	5.23302		3.26E-01	0.02153	9E-05	0.01212	0.35965		4.11E-01	0.027173	7.62E-05	0.007076	4.46E-01		0.405494	0.023371	6.22E-05	0.007515	0.436442
2317	495061.06	3860001.99	3.56007	5.04787	4.77317	5.20525		3.23E-01	0.02136	8.9E-05	0.01206	0.35612		4.07E-01	0.026953	7.59E-05	0.007038	4.41E-01		0.401397	0.023182	6.2E-05	0.007475	0.432115
2318	495111.06	3860001.99	3.57715	5.08179	4.78167	5.14025		3.24E-01	0.0215	9E-05	0.01191	0.35766		4.09E-01	0.027134	7.6E-05	0.00695	4.43E-01		0.403322	0.023337	6.21E-05	0.007382	0.434104
2319	495161.06	3860001.99	3.59503	5.07637	4.78133	5.03926		3.26E-01	0.02148	9E-05	0.01167	0.35903		4.11E-01	0.027105	7.6E-05	0.006814	4.45E-01		0.405338	0.023313	6.21E-05	0.007237	0.43595
2320	495211.06	3860001.99	3.58664	4.95927	4.72439	4.92602		3.25E-01	0.02098	8.8E-05	0.01141	0.35751		4.10E-01	0.02648	7.51E-05	0.006661	4.43E-01		0.404392	0.022775	6.13E-05	0.007074	0.434303
2321	495261.06	3860001.99	3.613	4.86881	4.70996	4.79453		3.27E-01	0.0206	8.8E-05	0.01111	0.35921		4.13E-01	0.025997	7.49E-05	0.006483	4.46E-01		0.407365	0.022359	6.11E-05	0.006885	0.43667
2322	495311.06	3860001.99	3.61219	4.80662	4.71983	4.7052		3.27E-01	0.02033	8.8E-05	0.0109	0.35867		4.13E-01	0.025665	7.5E-05	0.006362	4.45E-01		0.407273	0.022074	6.13E-05	0.006757	0.436165
2323	495361.06	3860001.99	3.64399	4.9089	4.82537	4.60843		3.30E-01	0.02077	9E-05	0.01067	0.36176		4.17E-01	0.026211	7.67E-05	0.006231	4.49E-01		0.410859	0.022543	6.26E-05	0.006618	0.440083
2324	495411.06	3860001.99	3.58033	4.9593	4.73744	4.63147		3.24E-01	0.02098	8.9E-05	0.01073	0.35625		4.10E-01	0.02648	7.53E-05	0.006262	4.42E-01		0.403681	0.022775	6.15E-05	0.006651	0.433168
2325	495461.06	3860001.99	3.58044	4.97576	4.77336	4.59559		3.24E-01	0.02105	8.9E-05	0.01064	0.35625		4.10E-01	0.026568	7.59E-05	0.006214	4.42E-01		0.403693	0.022851	6.2E-05	0.0066	0.433205
2326	495511.06	3860001.99	3.57841	4.89725	4.76879	4.57489		3.24E-01	0.02072	8.9E-05	0.0106	0.35569		4.09E-01	0.026149	7.58E-05	0.006186	4.42E-01		0.403465	0.02249	6.19E-05	0.00657	0.432586
2327	495561.06	3860001.99	3.54334	4.81052	4.70338	4.56751		3.21E-01	0.02035	8.8E-05	0.01058	0.35212		4.05E-01	0.025686	7.48E-05	0.006176	4.37E-01		0.39951	0.022092	6.11E-05	0.006559	0.428222
2328	495611.06	3860001.99	3.53535	4.64587	4.67771	4.48966		3.20E-01	0.01965	8.8E-05	0.0104	0.35052		4.04E-01	0.024807	7.43E-05	0.006071	4.35E-01		0.39861	0.021336	6.07E-05	0.006447	0.426453
2329	495661.06	3860001.99	3.51576	4.59359	4.60745	4.38479		3.19E-01	0.01943	8.6E-05	0.01016	0.34828		4.02E-01	0.024528	7.32E-05	0.005929	4.33E-01		0.396401	0.021095	5.98E-05	0.006297	0.423853
2330	494411.06	3860051.99	3.75755	5.56926	4.90078	5.9515		3.41E-01	0.02356	9.2E-05	0.01378	0.37795		4.30E-01	0.029737	7.79E-05	0.008047	4.68E-01		0.423662	0.025576	6.36E-05	0.008547	0.457849
2331	494461.06	3860051.99	3.78555	5.5286	4.86521	5.93957		3.43E-01	0.02339	9.1E-05	0.01376	0.38029		4.33E-01	0.02952	7.73E-05	0.008031	4.71E-01		0.426819	0.025389	6.32E-05	0.00853	0.460802
2332	494511.06	3860051.99	3.77883	5.42385	4.78641	5.91953		3.42E-01	0.02295	9E-05	0.01371	0.37919		4.32E-01	0.028961	7.61E-05	0.008004	4.69E-01		0.426062	0.024908	6.21E-05	0.008501	0.459533
2333	494561.06	3860051.99	3.70449	5.28687	4.68554	5.90505		3.36E-01	0.02237	8.8E-05	0.01368	0.37184		4.24E-01	0.028229	7.45E-05	0.007984	4.60E-01		0.41768	0.024279	6.08E-05	0.00848	0.4505
2334	494611.06	3860051.99	3.67323	5.19452	4.65046	5.82795		3.33E-01	0.02198	8.7E-05	0.0135	0.36844		4.20E-01	0.027736	7.39E-05	0.00788	4.56E-01		0.414155	0.023855	6.04E-05	0.008369	0.44644
2335	494661.06	3860051.99	3.65868	5.07656	4.62051	5.72969		3.32E-01	0.02148	8.6E-05	0.01327	0.36639		4.18E-01	0.027106	7.34E-05	0.007747	4.53E-01		0.412515	0.023313	6E-05	0.008228	0.444116
2336	494711.06	3860051.99	3.65485	5.0226	4.61419	5.58302		3.31E-01	0.02125	8.6E-05	0.01293	0.36548		4.18E-01	0.026818	7.33E-05	0.007549	4.52E-01		0.412083	0.023066	5.99E-05	0.008018	0.443226
2337	494761.06	3860051.99	3.59407	5.01164	4.61138	5.53375		3.26E-01	0.0212	8.6E-05	0.01282	0.35981		4.11E-01	0.02676	7.33E-05	0.007482	4.45E-01		0.40523	0.023015	5.99E-05	0.007947	0.436252
2338	494811.06	3860051.99	3.52009	4.97394	4.5549	5.51036		3.19E-01	0.02104	8.5E-05	0.01276	0.35289		4.03E-01	0.026558	7.24E-05	0.007451	4.37E-01		0.396889	0.022842	5.91E-05	0.007913	0.427703
2339	494861.06	3860051.99	3.46953	4.89051	4.50582	5.51877		3.14E-01	0.02069	8.4E-05	0.01278	0.34797		3.97E-01	0.026113	7.16E-05	0.007462	4.30E-01		0.391188	0.022459	5.85E-05	0.007925	0.421631
2340	494911.06	3860051.99	3.47978	4.83016	4.50941	5.45908		3.15E-01	0.02043	8.4E-05	0.01264	0.34851		3.98E-01	0.025791	7.17E-05	0.007381	4.31E-01		0.392344	0.022182	5.85E-05	0.00784	0.422424
2341	494961.06	3860051.99	3.48324	4.76571	4.55498	5.4123		3.16E-01	0.02016	8.5E-05	0.01254	0.34844		3.98E-01	0.025447	7.24E-05	0.007318	4.31E-01		0.392734	0.021886	5.91E-05	0.007772	0.422452
2342	495011.06	3860051.99	3.49257	4.74384	4.58432	5.37329		3.17E-01	0.02007	8.6E-05	0.01245	0.3491		3.99E-01	0.02533	7.29E-05	0.007265	4.32E-01		0.393786	0.021785	5.95E-05	0.007716	0.423347
2343	495061.06	3860051.99	3.49451	4.7387	4.601	5.35069		3.17E-01	0.02005	8.6E-05	0.01239	0.34921		4.00E-01	0.025302	7.31E-05	0.007235	4.32E-01		0.394005	0.021762	5.97E-05	0.007684	0.42351
2344	495111.06	3860051.99	3.50409	4.69766	4.64678	5.27446		3.18E-01	0.01987	8.7E-05	0.01222	0.34973		4.01E-01	0.025083	7.39E-05	0.007132	4.33E-01		0.395085	0.021573	6.03E-05	0.007574	0.424293
2345	495161.06	3860051.99	3.49834	4.65949	4.67248	5.20981		3.17E-01	0.01971	8.7E-05	0.01207	0.34889		4.00E-01	0.024879	7.43E-05	0.007044	4.32E-01		0.394437	0.021398	6.07E-05	0.007482	0.423377
2346	495211.06	3860051.99	3.49507	4.92902	4.67373	5.1327		3.17E-01	0.02085	8.7E-05	0.01189	0.34956		4.00E-01	0.026319	7.43E-05	0.00694	4.33E-01		0.394068	0.022636	6.07E-05	0.007371	0.424135
2347	495261.06	3860051.99	3.48993	4.91936	4.64695	5.05411		3.16E-01	0.02081	8.7E-05	0.01171	0.34887		3.99E-01	0.026267	7.39E-05	0.006834	4.32E-01		0.393488	0.022592	6.03E-05	0.007258	0.423398
2348	495311.06	3860051.99	3.48511	4.91269	4.60689	4.97939		3.16E-01	0.02078	8.6E-05	0.01153	0.34823		3.99E-01	0.026231	7.32E-05	0.006733	4.32E-01		0.392945	0.022561	5.98E-05	0.007151	0.422716
2349	495361.06	3860051.99	3.49381	4.83286	4.57548	4.85438		3.17E-01	0.02045	8.6E-05	0.01124	0.34839		4.00E-01	0.025805	7.27E-05	0.006564	4.32E-01		0.393926	0.022194	5.94E-05	0.006971	0.423151
2350	495411.06	3860051.99	3.50458	4.73148	4.54539	4.75787		3.18E-01	0.02002	8.5E-05	0.01102	0.34871		4.01E-01	0.025264	7.22E-05	0.006433	4.33E-01		0.39514	0.021729	5.9E-05	0.006833	0.42376
2351	495461.06	3860051.99	3.5004	4.66438	4.57064	4.7065		3.17E-01	0.01973	8.6E-05	0.0109	0.34793		4.00E-01	0.024906	7.26E-05	0.006364	4.32E-01		0.394669	0.021421	5.93E-05	0.006759	0.422908
2352	495511.06	3860051.99	3.45738	4.68194	4.56035	4.70017		3.13E-01	0.01981	8.5E-05	0.01089	0.34409		3.95E-01	0.024999	7.25E-05	0.006355	4.27E-01		0.389818	0.021501	5.92E-05	0.00675	0.418129
2353	495561.06	3860051.99	3.458	4.75994	4.55117	4.67192		3.13E-01	0.02014	8.5E-05	0.01082	0.34441		3.96E-01	0.025416	7.23E-05	0.006317	4.27E-01		0.389888	0.021859	5.91E-05	0.006709	0.418516
2354	495611.06	3860051.99	3.46891	4.81866	4.60722	4.62751		3.14E-01	0.02039	8.6E-05	0.01072	0.34555		3.97E-01	0.025729	7.32E-05	0.006257	4.29E-01		0.391118	0.022129	5.98E-05	0.006645	0.419953
2355	495661.06	3860051.99	3.48724	4.78096	4.64014	4.56225		3.16E-01	0.02023	8.7E-05	0.01057	0.3469		3.99E-01	0.025528	7.37E-05	0.006169	4.31E-01		0.393185	0.021956	6.02E-05	0.006552	0.421753
2356	494411.06	3860101.99	3.70328	5.63887	4.89038	6.04242		3.36E-01	0.02386	9.2E-05	0.014	0.37354		4.24E-01	0.030109	7.77E-05	0.00817	4.62E-01		0.417544	0.025896	6.35E-05	0.008677	0.45218
2357	494461.06	3860101.99	3.67783	5.54066	4.80746	5.98546		3.33E-01	0.02344	9E-05	0.01386	0.37069		4.21E-01	0.029584	7.64E-05	0.008093	4.58E-01		0.414674	0.025445	6.24E-05	0.008595	0.448777
2358	494511.06	3860101.99	3.69342	5.48483	4.81842	5.88733		3.35E-01	0.0232	9E-05	0.01364	0.37164		4.22E-01	0.029286	7.66E-05	0.00796	4.60E-01		0.416432	0.025188	6.25E-05	0.008455	0.450137
2359	494561.06	3860101.99	3.69838	5.42939	4.77226	5.95026		3.35E-01	0.02297	8.9E-05	0.01378	0.372		4.23E-01	0.02899	7.58E-05	0.008045	4.60E-01		0.416991	0.024934	6.19E-05	0.008545	0.450532
2360	494611.06	3860101.99	3.69294	5.36865	4.6762	6.00954		3.35E-01	0.02271	8.8E-05	0.01392	0.37138		4.22E-01	0.028666	7.43E-05	0.008126	4.59E-01		0.416378	0.024655	6.07E-05	0.00863	0.449723
2361	494661.06	3860101.99	3.63416	5.26147	4.6073	5.95097		3.29E-01	0.02226	8.6E-05	0.01378	0.36546		4.16E-01	0.028094	7.32E-05	0.008046	4.52E-01		0.40975	0.024163	5.98E-05	0.008546	0.442519
2362	494711.06	3860101.99	3.61078	5.14575	4.56794	5.81297		3.27E-01	0.02177	8.6E-05	0.01346	0.36254		4.13E-01	0.027476	7.26E-05	0.00786	4.48E-01		0.407114	0.023631	5.93E-05	0.008348	0.439152
2363	494761.06	3860101.99	3.59816	5.05199	4.55589	5.72727		3.26E-01	0.02137	8.5E-05	0.01327	0.3608		4.12E-01	0.026975	7.24E-05	0.007744	4.46E-01		0.405691	0.023201	5.91E-05	0.008225	0.437176
2364	494811.06	3860101.99	3.57314	4.94977	4.50507	5.64116		3.24E-01	0.02094	8.4E-05	0.01307	0.3579		4.09E-01	0.026429	7.16E-05	0.007627	4.43E-01		0.40287	0.022731	5.85E-05	0.008101	0.433761
2365	494861.06	3860101.99	3.50703	4.9004	4.4806	5.6528		3.18E-01	0.02073	8.4E-05	0.01309	0.35172		4.01E-01	0.026166	7.12E-05	0.007643	4.35E-01		0.395416	0.022504	5.82E-05	0.008118	0.426097
2366	494911.06	3860101.99	3.4787	4.90121	4.49562	5.48383		3.15E-01	0.02073	8.4E-05	0.0127	0.34877		3.98E-01	0.02617	7.14E-05	0.007415	4.32E-01		0.392222	0.022508	5.84E-05	0.007875	0.422664
2367	494961.06	3860101.99	3.42874	4.85425	4.44385	5.4643		3.11E-01	0.02054	8.3E-05	0.01266	0.344		3.92E-01	0.025919	7.06E-05	0.007388	4.26E-01		0.386589	0.022293	5.77E-05	0.007847	0.416786
2368	495011.06	3860101.99	3.43208	4.77522	4.43511	5.41769		3.11E-01	0.0202	8.3E-05	0.01255	0.34386		3.93E-01	0.025497	7.05E-05	0.007325	4.25E-01		0.386966	0.02193	5.76E-05	0.00778	0.416733
2369	495061.06	3860101.99	3.42941	4.7248	4.45741	5.37286		3.11E-01	0.01999	8.3E-05	0.01244	0.3433		3.92E-01	0.025228	7.08E-05	0.007265	4.25E-01		0.386665	0.021698	5.79E-05	0.007716	0.416136
2370	495111.06	3860101.99	3.44009	4.66539	4.49222	5.31552		3.12E-01	0.01974	8.4E-05	0.01231	0.34388		3.93E-01	0.024911	7.14E-05	0.007187	4.26E-01		0.387869	0.021425	5.83E-05	0.007633	0.416986
2371	495161.06	3860101.99	3.43416	4.63622	4.50658	5.31952		3.11E-01	0.01961	8.4E-05	0.01232	0.34323		3.93E-01	0.024755	7.16E-05	0.007193	4.25E-01		0.3872	0.021291	5.85E-05	0.007639	0.416189
2372	495211.06	3860101.99	3.43065	4.63111	4.50786	5.30098		3.11E-01	0.01959	8.4E-05	0.01228	0.34285		3.92E-01	0.024728	7.16E-05	0.007168	4.24E-01		0.386805	0.021268	5.85E-05	0.007612	0.415743
2373	495261.06	3860101.99	3.42299	4.59923	4.53921	5.25089		3.10E-01	0.01946	8.5E-05	0.01216	0.3419		3.92E-01	0.024558	7.21E-05	0.0071	4.23E-01		0.385941	0.021121	5.89E-05	0.007541	0.414662
2374	495311.06	3860101.99	3.40528	4.56655	4.5259	5.19716		3.09E-01	0.01932	8.5E-05	0.01204	0.34003		3.89E-01	0.024383	7.19E-05	0.007027	4.21E-01		0.383944	0.020971	5.87E-05	0.007463	0.412438
2375	495361.06	3860101.99	3.38092	4.51745	4.49793	5.10783		3.06E-01	0.01911	8.4E-05	0.01183	0.33741		3.87E-01	0.024121	7.15E-05	0.006906	4.18E-01		0.381198	0.020746	5.84E-05	0.007335	0.409337

2376	495411.06	3860101.99	3.39281	4.46607	4.48732	5.01449	3.07E-01	0.01889	8.4E-05	0.01161	0.33806	3.88E-01	0.023847	7.13E-05	0.00678	4.19E-01	0.382538	0.02051	5.82E-05	0.007201	0.410307
2377	495461.06	3860101.99	3.41554	4.76234	4.49366	4.8735	3.10E-01	0.02015	8.4E-05	0.01129	0.34104	3.91E-01	0.025429	7.14E-05	0.00659	4.23E-01	0.385101	0.02187	5.83E-05	0.006999	0.414028
2378	495511.06	3860101.99	3.40947	4.69928	4.44369	4.78869	3.09E-01	0.01988	8.3E-05	0.01109	0.34003	3.90E-01	0.025092	7.06E-05	0.006475	4.22E-01	0.384417	0.021581	5.77E-05	0.006877	0.412932
2379	495561.06	3860101.99	3.38832	4.37131	4.39636	4.76184	3.07E-01	0.01849	8.2E-05	0.01103	0.33666	3.88E-01	0.023341	6.99E-05	0.006439	4.17E-01	0.382032	0.020075	5.71E-05	0.006838	0.409002
2380	495611.06	3860101.99	3.40161	4.54179	4.43332	4.70179	3.08E-01	0.01921	8.3E-05	0.01089	0.33845	3.89E-01	0.024251	7.05E-05	0.006357	4.20E-01	0.38353	0.020858	5.75E-05	0.006752	0.411198
2381	495661.06	3860101.99	3.37821	4.54078	4.44031	4.67569	3.06E-01	0.01921	8.3E-05	0.01083	0.33626	3.86E-01	0.024246	7.06E-05	0.006322	4.17E-01	0.380892	0.020853	5.76E-05	0.006715	0.408517
2382	494861.06	3860151.99	3.51254	4.99225	4.46703	5.82452	3.18E-01	0.02112	8.4E-05	0.01349	0.35301	4.02E-01	0.026656	7.1E-05	0.007875	4.36E-01	0.396038	0.022926	5.8E-05	0.008364	0.427386
2383	494911.06	3860151.99	3.51015	4.91978	4.42497	5.65703	3.18E-01	0.02081	8.3E-05	0.0131	0.3521	4.01E-01	0.026269	7.03E-05	0.007649	4.35E-01	0.395768	0.022593	5.74E-05	0.008124	0.426543
2384	494961.06	3860151.99	3.48155	4.83083	4.41809	5.56518	3.16E-01	0.02044	8.3E-05	0.01289	0.34891	3.98E-01	0.025794	7.02E-05	0.007525	4.32E-01	0.392544	0.022185	5.73E-05	0.007992	0.422778
2385	495011.06	3860151.99	3.43344	4.80311	4.42323	5.48446	3.11E-01	0.02032	8.3E-05	0.0127	0.34425	3.93E-01	0.025646	7.03E-05	0.007416	4.26E-01	0.387119	0.022058	5.74E-05	0.007876	0.41711
2386	495061.06	3860151.99	3.37838	4.7886	4.38898	5.43948	3.06E-01	0.02026	8.2E-05	0.0126	0.3391	3.86E-01	0.025569	6.98E-05	0.007355	4.19E-01	0.380911	0.021991	5.7E-05	0.007811	0.410771
2387	495111.06	3860151.99	3.369	4.73701	4.35876	5.41022	3.05E-01	0.02004	8.2E-05	0.01253	0.33796	3.85E-01	0.025293	6.93E-05	0.007315	4.18E-01	0.379854	0.021754	5.66E-05	0.007769	0.409434
2388	495161.06	3860151.99	3.36407	4.66396	4.3437	5.38441	3.05E-01	0.01973	8.1E-05	0.01247	0.33714	3.85E-01	0.024903	6.9E-05	0.00728	4.17E-01	0.379298	0.021419	5.64E-05	0.007732	0.408505
2389	495211.06	3860151.99	3.36501	4.62429	4.3687	5.3467	3.05E-01	0.01956	8.2E-05	0.01238	0.33697	3.85E-01	0.024691	6.94E-05	0.007229	4.17E-01	0.379404	0.021236	5.67E-05	0.007678	0.408375
2390	495261.06	3860151.99	3.35931	4.56989	4.3829	5.32568	3.04E-01	0.01933	8.2E-05	0.01234	0.33618	3.84E-01	0.024401	6.97E-05	0.007201	4.16E-01	0.378761	0.020987	5.69E-05	0.007648	0.407453
2391	495311.06	3860151.99	3.35025	4.53394	4.38451	5.3161	3.04E-01	0.01918	8.2E-05	0.01231	0.33518	3.83E-01	0.024209	6.97E-05	0.007188	4.15E-01	0.37774	0.020822	5.69E-05	0.007634	0.406252
2392	495361.06	3860151.99	3.33969	4.52578	4.40457	5.30093	3.03E-01	0.01915	8.2E-05	0.01228	0.33416	3.82E-01	0.024165	7E-05	0.007167	4.13E-01	0.376549	0.020784	5.72E-05	0.007612	0.405003
2393	495411.06	3860151.99	3.32379	4.50309	4.40854	5.25569	3.01E-01	0.01905	8.3E-05	0.01217	0.33251	3.80E-01	0.024044	7.01E-05	0.007106	4.11E-01	0.374756	0.02068	5.72E-05	0.007547	0.403041
2394	495461.06	3860151.99	3.30565	4.47095	4.38614	5.14681	3.00E-01	0.01891	8.2E-05	0.01192	0.33048	3.78E-01	0.023873	6.97E-05	0.006959	4.09E-01	0.372711	0.020532	5.69E-05	0.007391	0.400691
2395	495511.06	3860151.99	3.31252	4.42317	4.381	5.03899	3.00E-01	0.01871	8.2E-05	0.01167	0.33065	3.79E-01	0.023618	6.96E-05	0.006813	4.09E-01	0.373485	0.020313	5.69E-05	0.007236	0.401091
2396	495561.06	3860151.99	3.31648	4.38295	4.35463	4.94606	3.01E-01	0.01854	8.2E-05	0.01146	0.33063	3.79E-01	0.023403	6.92E-05	0.006688	4.09E-01	0.373932	0.020128	5.65E-05	0.007103	0.401219
2397	495611.06	3860151.99	3.32299	4.3339	4.33195	4.83096	3.01E-01	0.01833	8.1E-05	0.01119	0.33074	3.80E-01	0.023141	6.88E-05	0.006532	4.10E-01	0.374666	0.019903	5.62E-05	0.006938	0.401563
2398	495661.06	3860151.99	3.327	4.27593	4.31492	4.74452	3.01E-01	0.01809	8.1E-05	0.01099	0.33066	3.81E-01	0.022831	6.86E-05	0.006415	4.10E-01	0.375118	0.019637	5.6E-05	0.006813	0.401624
2399	495718.25	3859442.96	3.00652	4.7243	4.05109	2.06557	2.72E-01	0.01999	7.6E-05	0.00478	0.2973	3.44E-01	0.025226	6.44E-05	0.002793	3.72E-01	0.338984	0.021696	5.26E-05	0.002966	0.363699
2400	495818.25	3859442.96	2.90666	4.60424	4.00065	1.9702	2.63E-01	0.01948	7.5E-05	0.00456	0.28752	3.32E-01	0.024584	6.36E-05	0.002664	3.60E-01	0.327725	0.021144	5.19E-05	0.002829	0.351751
2401	495918.25	3859442.96	2.87585	4.53958	3.92388	1.92641	2.61E-01	0.0192	7.3E-05	0.00446	0.28436	3.29E-01	0.024239	6.24E-05	0.002605	3.56E-01	0.324251	0.020847	5.09E-05	0.002766	0.347916
2402	496018.25	3859442.96	2.86077	4.44408	3.84293	1.89385	2.59E-01	0.0188	7.2E-05	0.00439	0.28251	3.27E-01	0.023729	6.11E-05	0.002561	3.54E-01	0.322551	0.020409	4.99E-05	0.00272	0.345729
2403	496118.25	3859442.96	2.88598	4.44336	3.88015	1.95834	2.62E-01	0.0188	7.3E-05	0.00454	0.28494	3.30E-01	0.023725	6.17E-05	0.002648	3.57E-01	0.325393	0.020406	5.04E-05	0.002812	0.348661
2404	496218.25	3859442.96	2.91327	4.44753	3.86207	2.02928	2.64E-01	0.01882	7.2E-05	0.0047	0.28759	3.33E-01	0.023748	6.14E-05	0.002744	3.60E-01	0.32847	0.020425	5.01E-05	0.002914	0.351859
2405	496318.25	3859442.96	2.87945	4.49695	3.8295	2.00744	2.61E-01	0.01902	7.2E-05	0.00465	0.28469	3.29E-01	0.024012	6.09E-05	0.002714	3.56E-01	0.324657	0.020652	4.97E-05	0.002883	0.348241
2406	496418.25	3859442.96	2.81556	4.52211	3.69136	1.94942	2.55E-01	0.01913	6.9E-05	0.00452	0.27887	3.22E-01	0.024146	5.87E-05	0.002636	3.49E-01	0.317453	0.020767	4.79E-05	0.002799	0.341068
2407	495718.25	3859542.96	3.22131	4.77236	4.38369	2.42164	2.92E-01	0.02019	8.2E-05	0.00561	0.3178	3.68E-01	0.025482	6.97E-05	0.003274	3.97E-01	0.363202	0.021916	5.69E-05	0.003478	0.388653
2408	495818.25	3859542.96	3.17628	4.68217	4.27627	2.37747	2.88E-01	0.01981	8E-05	0.00551	0.31324	3.63E-01	0.025001	6.8E-05	0.003215	3.92E-01	0.358124	0.021502	5.55E-05	0.003414	0.383096
2409	495918.25	3859542.96	3.07957	4.61216	4.1385	2.2921	2.79E-01	0.01951	7.7E-05	0.00531	0.30398	3.52E-01	0.024627	6.58E-05	0.003099	3.80E-01	0.34722	0.021181	5.37E-05	0.003292	0.371747
2410	496018.25	3859542.96	2.98333	4.62647	4.03421	2.20617	2.70E-01	0.01957	7.6E-05	0.00511	0.29511	3.41E-01	0.024703	6.41E-05	0.002983	3.69E-01	0.336369	0.021246	5.24E-05	0.003168	0.360836
2411	496118.25	3859542.96	3.04003	4.66828	4.10061	2.30015	2.75E-01	0.01975	7.7E-05	0.00533	0.30065	3.48E-01	0.024926	6.52E-05	0.00311	3.76E-01	0.342762	0.021438	5.32E-05	0.003303	0.367557
2412	496218.25	3859542.96	3.06966	4.64019	4.10356	2.33186	2.78E-01	0.01963	7.7E-05	0.0054	0.30329	3.51E-01	0.024776	6.52E-05	0.003153	3.79E-01	0.346103	0.021309	5.33E-05	0.003349	0.370815
2413	496318.25	3859542.96	3.03106	4.61356	4.04525	2.36832	2.75E-01	0.01952	7.6E-05	0.00549	0.29976	3.47E-01	0.024634	6.43E-05	0.003202	3.75E-01	0.341751	0.021187	5.25E-05	0.003401	0.366392
2414	496418.25	3859542.96	2.98289	4.49147	3.97644	2.29921	2.70E-01	0.019	7.4E-05	0.00533	0.29472	3.41E-01	0.023982	6.32E-05	0.003109	3.68E-01	0.33632	0.020626	5.16E-05	0.003302	0.3603
2415	495718.25	3859642.96	3.35329	4.73444	4.42975	2.78125	3.04E-01	0.02003	8.3E-05	0.00644	0.33044	3.84E-01	0.02528	7.04E-05	0.003761	4.13E-01	0.378082	0.021742	5.75E-05	0.003994	0.403876
2416	495818.25	3859642.96	3.30622	4.72754	4.37424	2.66539	3.00E-01	0.02	8.2E-05	0.00617	0.32587	3.78E-01	0.025243	6.95E-05	0.003604	4.07E-01	0.372775	0.021711	5.68E-05	0.003828	0.39837
2417	495918.25	3859642.96	3.24646	4.80786	4.38729	2.6498	2.94E-01	0.02034	8.2E-05	0.00614	0.32076	3.71E-01	0.025672	6.97E-05	0.003583	4.01E-01	0.366037	0.022079	5.69E-05	0.003805	0.391979
2418	496018.25	3859642.96	3.21535	4.77755	4.30318	2.5932	2.91E-01	0.02021	8.1E-05	0.00601	0.31768	3.68E-01	0.02551	6.84E-05	0.003506	3.97E-01	0.36253	0.02194	5.59E-05	0.003724	0.38825
2419	496118.25	3859642.96	3.15685	4.68757	4.27902	2.73041	2.86E-01	0.01983	8E-05	0.00632	0.31232	3.61E-01	0.025029	6.8E-05	0.003692	3.90E-01	0.355934	0.021527	5.55E-05	0.003921	0.381437
2420	496218.25	3859642.96	3.10989	4.61725	4.19135	2.79735	2.82E-01	0.01953	7.8E-05	0.00648	0.30792	3.56E-01	0.024654	6.66E-05	0.003782	3.84E-01	0.350639	0.021204	5.44E-05	0.004017	0.375915
2421	496318.25	3859642.96	3.1191	4.56891	4.11784	2.7627	2.83E-01	0.01933	7.7E-05	0.0064	0.30846	3.57E-01	0.024396	6.54E-05	0.003735	3.85E-01	0.351677	0.020982	5.35E-05	0.003967	0.37668
2422	496418.25	3859642.96	3.01161	4.52601	4.02205	2.39372	2.73E-01	0.01915	7.5E-05	0.00554	0.29769	3.44E-01	0.024167	6.39E-05	0.003237	3.72E-01	0.339558	0.020785	5.22E-05	0.003438	0.363833
2423	495718.25	3859742.96	3.44293	4.79529	4.64898	3.21905	3.12E-01	0.02029	8.7E-05	0.00746	0.33984	3.94E-01	0.025605	7.39E-05	0.004353	4.24E-01	0.388189	0.022022	6.03E-05	0.004623	0.414894
2424	495818.25	3859742.96	3.3918	4.73719	4.59133	3.0858	3.07E-01	0.02004	8.6E-05	0.00715	0.33465	3.88E-01	0.025294	7.3E-05	0.004172	4.17E-01	0.382424	0.021755	5.96E-05	0.004431	0.40867
2425	495918.25	3859742.96	3.33807	4.75259	4.4373	3.02787	3.03E-01	0.02011	8.3E-05	0.00701	0.3297	3.82E-01	0.025377	7.05E-05	0.004094	4.11E-01	0.376366	0.021826	5.76E-05	0.004348	0.402598
2426	496018.25	3859742.96	3.30729	4.59719	4.33984	2.94066	3.00E-01	0.01945	8.1E-05	0.00681	0.32605	3.78E-01	0.024547	6.9E-05	0.003976	4.07E-01	0.372896	0.021112	5.63E-05	0.004223	0.398287
2427	496118.25	3859742.96	3.27437	4.55065	4.34377	3.04971	2.97E-01	0.01925	8.1E-05	0.00706	0.32313	3.75E-01	0.024298	6.9E-05	0.004124	4.03E-01	0.369184	0.020898	5.64E-05	0.00438	0.394518
2428	496218.25	3859742.96	3.27047	4.67485	4.36187	3.19905	2.96E-01	0.01978	8.2E-05	0.00741	0.32365	3.74E-01	0.024961	6.93E-05	0.004325	4.03E-01	0.368744	0.021469	5.66E-05	0.004594	0.394864
2429	496318.25	3859742.96	3.17006	4.70705	4.24986	2.90202	2.87E-01	0.01991	8E-05	0.00672	0.31399	3.63E-01	0.025133	6.75E-05	0.003924	3.92E-01	0.357423	0.021617	5.52E-05	0.004167	0.383262
2430	496418.25	3859742.96	3.04441	4.53783	4.13121	2.65724	2.76E-01	0.0192	7.7E-05	0.00615	0.30132	3.48E-01	0.02423	6.57E-05	0.003593	3.76E-01	0.343256	0.020839	5.36E-05	0.003816	0.367965
2431	495718.25	3859842.96	3.49633	4.70596	4.62965	3.6677	3.17E-01	0.01991	8.7E-05	0.0085	0.34534	4.00E-01	0.025128	7.36E-05	0.004959	4.30E-01	0.39421	0.021612	6.01E-05	0.005267	0.421149
2432	495818.25	3859842.96	3.42228	4.68921	4.54344	3.5687	3.10E-01	0.01984	8.5E-05	0.00827	0.33832	3.91E-01	0.025038	7.22E-05	0.004825	4.21E-01	0.385861	0.021535	5.9E-05	0.005125	0.412579
2433	495918.25	3859842.96	3.37718	4.73702	4.52086	3.45807	3.06E-01	0.02004	8.5E-05	0.00801	0.33418	3.86E-01	0.025293	7.19E-05	0.004676	4.16E-01	0.380776	0.021754	5.87E-05	0.004966	0.407555
2434	496018.25	3859842.96	3.35187	4.61152	4.49893	3.40033	3.04E-01	0.01951	8.4E-05	0.00788	0.33122	3.83E-01	0.024623	7.15E-05	0.004598	4.13E-01	0.377922	0.021178	5.84E-05	0.004883	0.404041
2435	496118.25	3859842.96	3.3109	4.42947	4.35998	3.55859	3.00E-01	0.01874	8.2E-05	0.00824	0.3271	3.79E-01	0.023651	6.93E-05	0.004812	4.07E-01	0.373303	0.020342	5.66E-05	0.00511	0.398812
2436	496218.25	3859842.96	3.29208	4.489	4.32533	3.30369	2.98E-01	0.01899	8.1E-05	0.00765	0.32506	3.77E-01	0.023969	6.87E-05	0.004467	4.05E-01	0.371181	0.020615	5.61E-05	0.004744	0.396596

2437	496318.25	3859842.96	3.19129	4.40956	4.19316	2.72949	2.89E-01	0.01865	7.8E-05	0.00632	0.31426	3.65E-01	0.023545	6.66E-05	0.003691	3.92E-01	0.359817	0.02025	5.44E-05	0.00392	0.384041
2438	496418.25	3859842.96	3.06993	4.26076	4.05695	2.39749	2.78E-01	0.01803	7.6E-05	0.00555	0.30186	3.51E-01	0.02275	6.45E-05	0.003242	3.77E-01	0.346134	0.019567	5.27E-05	0.003443	0.369196
2439	495718.25	3859942.96	3.47314	4.69108	4.60952	4.08974	3.15E-01	0.01985	8.6E-05	0.00947	0.34415	3.97E-01	0.025048	7.33E-05	0.00553	4.28E-01	0.391595	0.021543	5.98E-05	0.005873	0.419071
2440	495818.25	3859942.96	3.43785	4.67931	4.55572	3.9185	3.12E-01	0.0198	8.5E-05	0.00908	0.3405	3.93E-01	0.024985	7.24E-05	0.005298	4.24E-01	0.387616	0.021489	5.91E-05	0.005627	0.414792
2441	495918.25	3859942.96	3.4013	4.64888	4.51444	3.86432	3.08E-01	0.01967	8.5E-05	0.00895	0.33694	3.89E-01	0.024823	7.17E-05	0.005225	4.19E-01	0.383495	0.021349	5.86E-05	0.005549	0.410453
2442	496018.25	3859942.96	3.28262	4.4322	4.37393	3.90429	2.97E-01	0.01875	8.2E-05	0.00904	0.32535	3.75E-01	0.023666	6.95E-05	0.005279	4.04E-01	0.370114	0.020354	5.68E-05	0.005607	0.396132
2443	496118.25	3859942.96	3.27796	4.40012	4.36292	3.69562	2.97E-01	0.01861	8.2E-05	0.00856	0.32431	3.75E-01	0.023495	6.93E-05	0.004997	4.03E-01	0.369589	0.020207	5.66E-05	0.005307	0.39516
2444	496218.25	3859942.96	3.27702	4.47723	4.36179	3.31826	2.97E-01	0.01894	8.2E-05	0.00769	0.32368	3.75E-01	0.023906	6.93E-05	0.004487	4.03E-01	0.369483	0.020561	5.66E-05	0.004765	0.394866
2445	496318.25	3859942.96	3.22989	4.45709	4.34305	2.94008	2.93E-01	0.01886	8.1E-05	0.00681	0.31845	3.69E-01	0.023799	6.9E-05	0.003975	3.97E-01	0.364169	0.020469	5.64E-05	0.004222	0.388916
2446	496418.25	3859942.96	3.09534	4.2028	4.15225	2.46042	2.81E-01	0.01778	7.8E-05	0.0057	0.30406	3.54E-01	0.022441	6.6E-05	0.003327	3.80E-01	0.348999	0.019301	5.39E-05	0.003533	0.371887
2447	496856.82	3858864.83	1.41617	2.36181	1.82659	0.83468	1.28E-01	0.00999	3.4E-05	0.00193	0.1403	1.62E-01	0.012611	2.9E-05	0.001129	1.76E-01	0.159673	0.010846	2.37E-05	0.001199	0.171741
2448	496956.82	3858864.83	1.38091	2.31373	1.79152	0.81549	1.25E-01	0.00979	3.4E-05	0.00189	0.13685	1.58E-01	0.012354	2.85E-05	0.001103	1.71E-01	0.155697	0.010626	2.33E-05	0.001171	0.167517
2449	497056.82	3858864.83	1.35113	2.28389	1.75386	0.79714	1.22E-01	0.00966	3.3E-05	0.00185	0.13398	1.55E-01	0.012195	2.79E-05	0.001078	1.68E-01	0.152339	0.010488	2.28E-05	0.001145	0.163995
2450	497156.82	3858864.83	1.30388	2.18081	1.69284	0.78019	1.18E-01	0.00923	3.2E-05	0.00181	0.12923	1.49E-01	0.011644	2.69E-05	0.001055	1.62E-01	0.147012	0.010015	2.2E-05	0.00112	0.158169
2451	497256.82	3858864.83	1.29208	2.16641	1.70638	0.77928	1.17E-01	0.00917	3.2E-05	0.0018	0.12809	1.48E-01	0.011568	2.71E-05	0.001054	1.60E-01	0.145682	0.009949	2.21E-05	0.001119	0.156772
2452	496856.82	3858964.83	1.61272	2.65153	2.1351	0.91562	1.46E-01	0.01122	4E-05	0.00212	0.15953	1.84E-01	0.014158	3.39E-05	0.001238	2.00E-01	0.181834	0.012177	2.77E-05	0.001315	0.195353
2453	496956.82	3858964.83	1.55148	2.57693	2.04571	0.88775	1.41E-01	0.0109	3.8E-05	0.00206	0.15359	1.77E-01	0.01376	3.25E-05	0.0012	1.92E-01	0.174929	0.011834	2.66E-05	0.001275	0.188064
2454	497056.82	3858964.83	1.51096	2.46136	1.96141	0.87072	1.37E-01	0.01041	3.7E-05	0.00202	0.14939	1.73E-01	0.013142	3.12E-05	0.001177	1.87E-01	0.17036	0.011303	2.55E-05	0.00125	0.18294
2455	497156.82	3858964.83	1.46525	2.40586	1.90181	0.8548	1.33E-01	0.01018	3.6E-05	0.00198	0.14498	1.68E-01	0.012846	3.02E-05	0.001156	1.82E-01	0.165206	0.011049	2.47E-05	0.001228	0.177507
2456	497256.82	3858964.83	1.50365	2.48415	1.98564	0.87016	1.36E-01	0.01051	3.7E-05	0.00202	0.14883	1.72E-01	0.013264	3.16E-05	0.001177	1.86E-01	0.169536	0.011408	2.58E-05	0.00125	0.18222
2457	496856.82	3859064.83	1.74284	2.75493	2.33707	0.99541	1.58E-01	0.01165	4.4E-05	0.00231	0.17194	1.99E-01	0.01471	3.71E-05	0.001346	2.15E-01	0.196505	0.012652	3.03E-05	0.001429	0.210616
2458	496956.82	3859064.83	1.7014	2.68682	2.26944	0.96498	1.54E-01	0.01137	4.2E-05	0.00224	0.16783	1.95E-01	0.014346	3.61E-05	0.001305	2.10E-01	0.191832	0.012339	2.95E-05	0.001386	0.205586
2459	497056.82	3859064.83	1.66869	2.62845	2.22557	0.94814	1.51E-01	0.01112	4.2E-05	0.0022	0.16458	1.91E-01	0.014035	3.54E-05	0.001282	2.06E-01	0.188144	0.012071	2.89E-05	0.001362	0.201606
2460	497156.82	3859064.83	1.6429	2.56943	2.1931	0.93557	1.49E-01	0.01087	4.1E-05	0.00217	0.16196	1.88E-01	0.01372	3.49E-05	0.001265	2.03E-01	0.185236	0.0118	2.85E-05	0.001344	0.198408
2461	497256.82	3859064.83	1.71241	2.78766	2.32391	0.98677	1.55E-01	0.01179	4.4E-05	0.00229	0.1693	1.96E-01	0.014885	3.69E-05	0.001334	2.12E-01	0.193074	0.012802	3.02E-05	0.001417	0.207323
2462	496856.82	3859164.83	1.88097	2.96089	2.49162	1.05243	1.70E-01	0.01253	4.7E-05	0.00244	0.18547	2.15E-01	0.01581	3.96E-05	0.001423	2.32E-01	0.212079	0.013598	3.23E-05	0.001511	0.22722
2463	496956.82	3859164.83	1.81773	2.88812	2.41722	1.02279	1.65E-01	0.01222	4.5E-05	0.00237	0.17936	2.08E-01	0.015421	3.84E-05	0.001383	2.25E-01	0.204948	0.013263	3.14E-05	0.001469	0.219712
2464	497056.82	3859164.83	1.79277	2.85236	2.40293	1.02345	1.62E-01	0.01207	4.5E-05	0.00237	0.17695	2.05E-01	0.01523	3.82E-05	0.001384	2.22E-01	0.202134	0.013099	3.12E-05	0.00147	0.216734
2465	497156.82	3859164.83	1.81769	2.92407	2.46694	1.04922	1.65E-01	0.01237	4.6E-05	0.00243	0.17957	2.08E-01	0.015613	3.92E-05	0.001419	2.25E-01	0.204944	0.013428	3.2E-05	0.001507	0.219911
2466	497256.82	3859164.83	1.93871	3.06027	2.65232	1.13714	1.76E-01	0.01295	5E-05	0.00263	0.19132	2.22E-01	0.01634	4.22E-05	0.001538	2.40E-01	0.218589	0.014054	3.44E-05	0.001633	0.23431
2467	496856.82	3859264.83	1.98525	3.09386	2.62321	1.11192	1.80E-01	0.01309	4.9E-05	0.00258	0.19562	2.27E-01	0.01652	4.17E-05	0.001503	2.45E-01	0.223836	0.014208	3.41E-05	0.001597	0.239675
2468	496956.82	3859264.83	1.99104	3.04271	2.62222	1.1214	1.80E-01	0.01287	4.9E-05	0.0026	0.19595	2.28E-01	0.016247	4.17E-05	0.001516	2.46E-01	0.224489	0.013973	3.4E-05	0.00161	0.240107
2469	497056.82	3859264.83	2.04163	3.05999	2.65138	1.16512	1.85E-01	0.01295	5E-05	0.0027	0.20071	2.34E-01	0.016339	4.21E-05	0.001575	2.51E-01	0.230193	0.014053	3.44E-05	0.001673	0.245953
2470	497156.82	3859264.83	2.08364	3.08246	2.70367	1.20664	1.89E-01	0.01304	5.1E-05	0.00279	0.20471	2.38E-01	0.016459	4.3E-05	0.001632	2.56E-01	0.23493	0.014156	3.51E-05	0.001733	0.250853
2471	497256.82	3859264.83	2.14227	3.18354	2.83069	1.29866	1.94E-01	0.01347	5.3E-05	0.00301	0.21067	2.45E-01	0.016999	4.5E-05	0.001756	2.64E-01	0.24154	0.01462	3.67E-05	0.001865	0.258062
2472	497088.92	3858620.93	0.95628	1.60616	1.2294	0.65202	8.67E-02	0.00679	2.3E-05	0.00151	0.09499	1.09E-01	0.008576	1.95E-05	0.000882	1.19E-01	0.10782	0.007376	1.6E-05	0.000936	0.116149
2473	497138.92	3858620.93	0.96726	1.60394	1.23606	0.65327	8.77E-02	0.00679	2.3E-05	0.00151	0.09598	1.11E-01	0.008564	1.96E-05	0.000883	1.20E-01	0.109058	0.007366	1.6E-05	0.000938	0.117378
2474	497188.92	3858620.93	0.95753	1.61015	1.20923	0.64781	8.68E-02	0.00681	2.3E-05	0.0015	0.09511	1.10E-01	0.008597	1.92E-05	0.000876	1.19E-01	0.107961	0.007394	1.57E-05	0.00093	0.116302
2475	497238.92	3858620.93	0.95019	1.5933	1.20118	0.6443	8.61E-02	0.00674	2.2E-05	0.00149	0.09436	1.09E-01	0.008507	1.91E-05	0.000871	1.18E-01	0.107134	0.007317	1.56E-05	0.000925	0.115391
2476	497088.92	3858670.93	0.99151	1.67541	1.27455	0.66753	8.99E-02	0.00709	2.4E-05	0.00155	0.09851	1.13E-01	0.008946	2.03E-05	0.000903	1.23E-01	0.111792	0.007694	1.65E-05	0.000959	0.120462
2477	497138.92	3858670.93	1.00909	1.69651	1.30473	0.67345	9.14E-02	0.00718	2.4E-05	0.00156	0.10021	1.15E-01	0.009059	2.07E-05	0.000911	1.25E-01	0.113775	0.007791	1.69E-05	0.000967	0.12255
2478	497188.92	3858670.93	0.99586	1.67223	1.28482	0.66698	9.02E-02	0.00707	2.4E-05	0.00154	0.09889	1.14E-01	0.008929	2.04E-05	0.000902	1.24E-01	0.112283	0.00768	1.67E-05	0.000958	0.120937
2479	497238.92	3858670.93	1.00237	1.67836	1.29094	0.66708	9.08E-02	0.0071	2.4E-05	0.00155	0.09951	1.15E-01	0.008962	2.05E-05	0.000902	1.25E-01	0.113017	0.007708	1.68E-05	0.000958	0.121699
2480	497088.92	3858720.93	1.07932	1.82628	1.40308	0.70329	9.78E-02	0.00773	2.6E-05	0.00163	0.10719	1.23E-01	0.009751	2.23E-05	0.000951	1.34E-01	0.121693	0.008387	1.82E-05	0.00101	0.131108
2481	497138.92	3858720.93	1.02547	1.73961	1.32179	0.68184	9.29E-02	0.00736	2.5E-05	0.00158	0.10189	1.17E-01	0.009289	2.1E-05	0.000922	1.28E-01	0.115621	0.007989	1.72E-05	0.000979	0.124607
2482	497188.92	3858720.93	1.01759	1.73089	1.31488	0.67886	9.22E-02	0.00732	2.5E-05	0.00157	0.10114	1.16E-01	0.009242	2.09E-05	0.000918	1.27E-01	0.114733	0.007949	1.71E-05	0.000975	0.123674
2483	497238.92	3858720.93	1.0577	1.79635	1.37922	0.69458	9.59E-02	0.0076	2.6E-05	0.00161	0.10509	1.21E-01	0.009592	2.19E-05	0.000939	1.32E-01	0.119255	0.00825	1.79E-05	0.000997	0.12852
2484	497088.92	3858770.93	1.1406	1.87679	1.47992	0.72349	1.03E-01	0.00794	2.8E-05	0.00168	0.11301	1.30E-01	0.010021	2.35E-05	0.000978	1.41E-01	0.128602	0.008619	1.92E-05	0.001039	0.138279
2485	497138.92	3858770.93	1.12049	1.85365	1.44886	0.71516	1.02E-01	0.00784	2.7E-05	0.00166	0.11107	1.28E-01	0.009898	2.3E-05	0.000967	1.39E-01	0.126335	0.008513	1.88E-05	0.001027	0.135893
2486	497188.92	3858770.93	1.10321	1.80792	1.43655	0.70927	1.00E-01	0.00765	2.7E-05	0.00164	0.10929	1.26E-01	0.009653	2.28E-05	0.000959	1.37E-01	0.124387	0.008303	1.86E-05	0.001019	0.133726
2487	497238.92	3858770.93	1.13014	1.88655	1.48369	0.71947	1.02E-01	0.00798	2.8E-05	0.00167	0.11209	1.29E-01	0.010073	2.36E-05	0.000973	1.40E-01	0.127423	0.008664	1.93E-05	0.001033	0.137139
2488	497396.65	3858622.63	1.08474	1.79393	1.38821	0.68907	9.83E-02	0.00759	2.6E-05	0.0016	0.10751	1.24E-01	0.009579	2.21E-05	0.000932	1.35E-01	0.122304	0.008238	1.8E-05	0.00099	0.13155
2489	497496.65	3858622.63	1.16374	1.92716	1.47497	0.71541	1.05E-01	0.00815	2.8E-05	0.00166	0.1153	1.33E-01	0.01029	2.34E-05	0.000967	1.44E-01	0.131211	0.00885	1.91E-05	0.001027	0.141108
2490	497596.65	3858622.63	1.29971	2.13836	1.70902	0.76881	1.18E-01	0.00905	3.2E-05	0.00178	0.12864	1.49E-01	0.011418	2.72E-05	0.00104	1.61E-01	0.146542	0.00982	2.22E-05	0.001104	0.157488
2491	497696.65	3858622.63	1.34433	2.21708	1.79088	0.79484	1.22E-01	0.00938	3.4E-05	0.00184	0.13308	1.54E-01	0.011838	2.85E-05	0.001075	1.67E-01	0.151573	0.010182	2.32E-05	0.001141	0.162919
2492	497796.65	3858622.63	1.45054	2.38128	1.93161	0.84677	1.31E-01	0.01007	3.6E-05	0.00196	0.14352	1.66E-01	0.012715	3.07E-05	0.001145	1.80E-01	0.163548	0.010936	2.51E-05	0.001216	0.175725
2493	497896.65	3858622.63	1.56532	2.55309	2.07564	0.90626	1.42E-01	0.0108	3.9E-05	0.0021	0.15479	1.79E-01	0.013632	3.3E-05	0.001225	1.94E-01	0.176489	0.011725	2.69E-05	0.001301	0.189542
2494	497396.65	3858722.63	1.23548	2.0266	1.60662	0.75193	1.12E-01	0.00857	3E-05	0.00174	0.12231	1.41E-01	0.010821	2.55E-05	0.001017	1.53E-01	0.1393	0.009307	2.09E-05	0.00108	0.149708
2495	497496.65	3858722.63	1.34972	2.18198	1.72911	0.78395	1.22E-01	0.00923	3.2E-05	0.00182	0.13339	1.54E-01	0.011651	2.75E-05	0.00106	1.67E-01	0.15218	0.01002	2.24E-05	0.001126	0.163349
2496	497596.65	3858722.63	1.4936	2.43674	1.91878	0.84596	1.35E-01	0.01031	3.6E-05	0.00196	0.14766	1.71E-01	0.013011	3.05E-05	0.001144	1.85E-01	0.168403	0.01119	2.49E-05	0.001215	0.180833
2497	497696.65	3858722.63	1.57607	2.61722	2.06835	0.89392	1.43E-01	0.01107	3.9E-05	0.00207	0.15601	1.80E-01	0.013975	3.29E-05	0.001209	1.95E-01	0.177701	0.012019	2.68E-05	0.001284	0.191031

2498	497796.65	3858722.63	1.62054	2.7048	2.15029	0.93148	1.47E-01	0.01144	4E-05	0.00216	0.1605	1.85E-01	0.014442	3.42E-05	0.001259	2.01E-01	0.182715	0.012421	2.79E-05	0.001338	0.196502
2499	497896.65	3858722.63	1.68694	2.76031	2.26441	0.98755	1.53E-01	0.01168	4.2E-05	0.00229	0.16688	1.93E-01	0.014739	3.6E-05	0.001335	2.09E-01	0.190202	0.012676	2.94E-05	0.001418	0.204326
2500	497396.65	3858822.63	1.36323	2.26314	1.7835	0.80466	1.24E-01	0.00957	3.3E-05	0.00186	0.13501	1.56E-01	0.012084	2.83E-05	0.001088	1.69E-01	0.153704	0.010393	2.32E-05	0.001156	0.165276
2501	497496.65	3858822.63	1.44804	2.36779	1.89238	0.84083	1.31E-01	0.01002	3.5E-05	0.00195	0.14322	1.66E-01	0.012643	3.01E-05	0.001137	1.79E-01	0.163266	0.010874	2.46E-05	0.001207	0.175372
2502	497596.65	3858822.63	1.62346	2.59307	2.15182	0.93181	1.47E-01	0.01097	4E-05	0.00216	0.16029	1.86E-01	0.013846	3.42E-05	0.00126	2.01E-01	0.183045	0.011908	2.79E-05	0.001338	0.196319
2503	497696.65	3858822.63	1.71603	2.71994	2.26632	0.99159	1.56E-01	0.01151	4.2E-05	0.0023	0.16936	1.96E-01	0.014523	3.6E-05	0.001341	2.12E-01	0.193482	0.012491	2.94E-05	0.001424	0.207426
2504	497796.65	3858822.63	1.77052	2.76425	2.34755	1.02176	1.60E-01	0.01169	4.4E-05	0.00237	0.17455	2.03E-01	0.01476	3.73E-05	0.001382	2.19E-01	0.199626	0.012694	3.05E-05	0.001467	0.213818
2505	497896.65	3858822.63	1.89917	2.90625	2.54142	1.13771	1.72E-01	0.01229	4.8E-05	0.00264	0.18708	2.17E-01	0.015518	4.04E-05	0.001538	2.34E-01	0.214131	0.013347	3.3E-05	0.001634	0.229144
2506	497396.65	3858922.63	1.50798	2.5378	2.03489	0.87876	1.37E-01	0.01074	3.8E-05	0.00204	0.14947	1.72E-01	0.013551	3.23E-05	0.001188	1.87E-01	0.170024	0.011655	2.64E-05	0.001262	0.182967
2507	497496.65	3858922.63	1.69045	2.82395	2.24957	0.97046	1.53E-01	0.01195	4.2E-05	0.00225	0.16743	1.93E-01	0.015079	3.58E-05	0.001312	2.10E-01	0.190598	0.012969	2.92E-05	0.001394	0.204989
2508	497596.65	3858922.63	1.69888	2.84874	2.2645	0.98429	1.54E-01	0.01205	4.2E-05	0.00228	0.16833	1.94E-01	0.015211	3.6E-05	0.001331	2.11E-01	0.191548	0.013082	2.94E-05	0.001413	0.206073
2509	497696.65	3858922.63	1.86287	3.04159	2.51251	1.13095	1.69E-01	0.01287	4.7E-05	0.00262	0.18435	2.13E-01	0.016241	3.99E-05	0.001529	2.31E-01	0.210038	0.013968	3.26E-05	0.001624	0.225663
2510	497796.65	3858922.63	1.97166	3.09008	2.64177	1.22424	1.79E-01	0.01307	4.9E-05	0.00284	0.19463	2.26E-01	0.0165	4.2E-05	0.001655	2.44E-01	0.222304	0.014191	3.43E-05	0.001758	0.238287
2511	497896.65	3858922.63	2.09195	3.20254	2.84837	1.39014	1.90E-01	0.01355	5.3E-05	0.00322	0.2064	2.39E-01	0.0171	4.53E-05	0.00188	2.58E-01	0.235867	0.014707	3.7E-05	0.001996	0.252607
2512	497364.44	3858201.52	0.72798	1.32516	0.91737	0.54773	6.60E-02	0.00561	1.7E-05	0.00127	0.07286	8.33E-02	0.007076	1.46E-05	0.000741	9.11E-02	0.082079	0.006086	1.19E-05	0.000787	0.088964
2513	497414.44	3858201.52	0.75221	1.338	0.95626	0.55601	6.82E-02	0.00566	1.8E-05	0.00129	0.07513	8.60E-02	0.007144	1.52E-05	0.000752	9.39E-02	0.084811	0.006145	1.24E-05	0.000798	0.091767
2514	497464.44	3858201.52	0.77943	1.37201	0.98599	0.56284	7.06E-02	0.0058	1.8E-05	0.0013	0.07776	8.91E-02	0.007326	1.57E-05	0.000761	9.73E-02	0.08788	0.006301	1.28E-05	0.000808	0.095002
2515	497514.44	3858201.52	0.80049	1.41122	1.00187	0.56566	7.25E-02	0.00597	1.9E-05	0.00131	0.07984	9.16E-02	0.007535	1.59E-05	0.000765	9.99E-02	0.090255	0.006481	1.3E-05	0.000812	0.097561
2516	497564.44	3858201.52	0.79526	1.4051	1.00119	0.56444	7.21E-02	0.00594	1.9E-05	0.00131	0.07934	9.10E-02	0.007503	1.59E-05	0.000763	9.92E-02	0.089665	0.006453	1.3E-05	0.000811	0.096942
2517	497614.44	3858201.52	0.80784	1.41991	1.01258	0.56754	7.32E-02	0.00601	1.9E-05	0.00131	0.08055	9.24E-02	0.007582	1.61E-05	0.000767	1.01E-01	0.091084	0.006521	1.31E-05	0.000815	0.098433
2518	497364.44	3858251.52	0.79671	1.4149	0.98002	0.56803	7.22E-02	0.00599	1.8E-05	0.00132	0.07952	9.11E-02	0.007555	1.56E-05	0.000768	9.95E-02	0.089829	0.006498	1.27E-05	0.000816	0.097155
2519	497414.44	3858251.52	0.82911	1.46371	1.03055	0.57729	7.51E-02	0.00619	1.9E-05	0.00134	0.08268	9.48E-02	0.007816	1.64E-05	0.000781	1.03E-01	0.093482	0.006722	1.34E-05	0.000829	0.101046
2520	497464.44	3858251.52	0.81414	1.4489	1.01793	0.57185	7.38E-02	0.00613	1.9E-05	0.00132	0.08125	9.31E-02	0.007736	1.62E-05	0.000773	1.02E-01	0.091794	0.006654	1.32E-05	0.000821	0.099282
2521	497514.44	3858251.52	0.80215	1.42836	0.99965	0.56651	7.27E-02	0.00604	1.9E-05	0.00131	0.08007	9.17E-02	0.007627	1.59E-05	0.000766	1.00E-01	0.090442	0.00656	1.3E-05	0.000814	0.097828
2522	497564.44	3858251.52	0.80292	1.42398	1.00121	0.56614	7.28E-02	0.00602	1.9E-05	0.00131	0.08012	9.18E-02	0.007603	1.59E-05	0.000765	1.00E-01	0.090529	0.006539	1.3E-05	0.000813	0.097894
2523	497614.44	3858251.52	0.80468	1.41623	1.00424	0.5659	7.29E-02	0.00599	1.9E-05	0.00131	0.08024	9.20E-02	0.007562	1.6E-05	0.000765	1.00E-01	0.090727	0.006504	1.3E-05	0.000813	0.098057
2524	497364.44	3858301.52	0.81829	1.3964	1.01573	0.57883	7.42E-02	0.00591	1.9E-05	0.00134	0.08142	9.36E-02	0.007456	1.61E-05	0.000783	1.02E-01	0.092262	0.006413	1.32E-05	0.000831	0.099519
2525	497414.44	3858301.52	0.84956	1.44591	1.04799	0.58829	7.70E-02	0.00612	2E-05	0.00136	0.08449	9.72E-02	0.00772	1.67E-05	0.000795	1.06E-01	0.095788	0.00664	1.36E-05	0.000845	0.103286
2526	497464.44	3858301.52	0.83489	1.42807	1.02992	0.58053	7.57E-02	0.00604	1.9E-05	0.00134	0.08306	9.55E-02	0.007625	1.64E-05	0.000785	1.04E-01	0.094134	0.006558	1.34E-05	0.000834	0.101539
2527	497514.44	3858301.52	0.82882	1.42135	1.02199	0.57656	7.51E-02	0.00601	1.9E-05	0.00134	0.08248	9.48E-02	0.007589	1.62E-05	0.00078	1.03E-01	0.093449	0.006527	1.33E-05	0.000828	0.100818
2528	497564.44	3858301.52	0.80984	1.39944	1.001	0.57112	7.34E-02	0.00592	1.9E-05	0.00132	0.08065	9.26E-02	0.007472	1.59E-05	0.000772	1.01E-01	0.091309	0.006427	1.3E-05	0.00082	0.098569
2529	497614.44	3858301.52	0.80596	1.39836	1.00217	0.5699	7.30E-02	0.00592	1.9E-05	0.00132	0.08029	9.22E-02	0.007467	1.59E-05	0.000771	1.00E-01	0.090872	0.006422	1.3E-05	0.000818	0.098125
2530	497364.44	3858351.52	0.85452	1.48441	1.05756	0.59409	7.74E-02	0.00628	2E-05	0.00138	0.08511	9.77E-02	0.007926	1.68E-05	0.000803	1.06E-01	0.096347	0.006817	1.37E-05	0.000853	0.104031
2531	497414.44	3858351.52	0.84721	1.46574	1.04909	0.59094	7.68E-02	0.0062	2E-05	0.00137	0.08437	9.69E-02	0.007826	1.67E-05	0.000799	1.06E-01	0.095523	0.006731	1.36E-05	0.000849	0.103116
2532	497464.44	3858351.52	0.85134	1.45981	1.05191	0.59072	7.72E-02	0.00618	2E-05	0.00137	0.08471	9.74E-02	0.007795	1.67E-05	0.000799	1.06E-01	0.095988	0.006704	1.37E-05	0.000848	0.103554
2533	497514.44	3858351.52	0.84726	1.44377	1.04682	0.58835	7.68E-02	0.00611	2E-05	0.00136	0.08427	9.69E-02	0.007709	1.66E-05	0.000796	1.05E-01	0.095528	0.00663	1.36E-05	0.000845	0.103017
2534	497564.44	3858351.52	0.82405	1.41323	1.01878	0.57914	7.47E-02	0.00598	1.9E-05	0.00134	0.08202	9.43E-02	0.007546	1.62E-05	0.000783	1.03E-01	0.092911	0.00649	1.32E-05	0.000832	0.100246
2535	497614.44	3858351.52	0.82391	1.41063	1.01911	0.57843	7.47E-02	0.00597	1.9E-05	0.00134	0.08199	9.42E-02	0.007532	1.62E-05	0.000782	1.03E-01	0.092896	0.006478	1.32E-05	0.000831	0.100218
2536	497364.44	3858401.52	0.8508	1.46438	1.06854	0.5935	7.71E-02	0.0062	2E-05	0.00137	0.08469	9.73E-02	0.007819	1.7E-05	0.000802	1.06E-01	0.095927	0.006725	1.39E-05	0.000852	0.103519
2537	497414.44	3858401.52	0.85975	1.4896	1.07223	0.5937	7.79E-02	0.0063	2E-05	0.00138	0.08561	9.83E-02	0.007954	1.7E-05	0.000803	1.07E-01	0.096937	0.006841	1.39E-05	0.000853	0.104644
2538	497464.44	3858401.52	0.84857	1.46948	1.05967	0.59037	7.69E-02	0.00622	2E-05	0.00137	0.0845	9.71E-02	0.007846	1.68E-05	0.000798	1.06E-01	0.095676	0.006748	1.38E-05	0.000848	0.103286
2539	497514.44	3858401.52	0.84997	1.47155	1.05702	0.58867	7.70E-02	0.00623	2E-05	0.00136	0.08463	9.72E-02	0.007857	1.68E-05	0.000796	1.06E-01	0.095834	0.006758	1.37E-05	0.000845	0.103451
2540	497564.44	3858401.52	0.88089	1.53615	1.09357	0.5973	7.98E-02	0.0065	2E-05	0.00138	0.08773	1.01E-01	0.008202	1.74E-05	0.000808	1.10E-01	0.09932	0.007055	1.42E-05	0.000858	0.107247
2541	497614.44	3858401.52	0.90946	1.56155	1.13762	0.60704	8.24E-02	0.00661	2.1E-05	0.00141	0.09045	1.04E-01	0.008338	1.81E-05	0.000821	1.13E-01	0.102541	0.007171	1.48E-05	0.000872	0.110599
2542	493478.11	3860497.94	4.46903	6.59901	5.52533	8.01175	4.05E-01	0.02792	0.0001	0.01856	0.45157	5.11E-01	0.035236	8.78E-05	0.010833	5.57E-01	0.503882	0.030305	7.17E-05	0.011505	0.545764
2543	493528.11	3860497.94	4.43307	6.49356	5.49043	7.92652	4.02E-01	0.02747	0.0001	0.01836	0.44767	5.07E-01	0.034673	8.73E-05	0.010718	5.53E-01	0.499827	0.029821	7.13E-05	0.011383	0.541102
2544	493478.11	3860547.94	4.38134	6.704	5.41773	7.93343	3.97E-01	0.02836	0.0001	0.01838	0.44388	5.01E-01	0.035796	8.61E-05	0.010727	5.48E-01	0.493995	0.030787	7.03E-05	0.011393	0.536245
2545	493528.11	3860547.94	4.37313	6.57811	5.42268	7.91987	3.96E-01	0.02783	0.0001	0.01834	0.44258	5.00E-01	0.035124	8.62E-05	0.010709	5.46E-01	0.493069	0.030209	7.04E-05	0.011373	0.534722
2546	493478.11	3860597.94	4.34692	6.65521	5.29145	7.80582	3.94E-01	0.02815	9.9E-05	0.01808	0.44026	4.97E-01	0.035536	8.41E-05	0.010554	5.43E-01	0.490114	0.030563	6.87E-05	0.01121	0.531955
2547	493528.11	3860597.94	4.31144	6.56366	5.2851	7.7362	3.91E-01	0.02777	9.9E-05	0.01792	0.4365	4.93E-01	0.035047	8.4E-05	0.01046	5.39E-01	0.486113	0.030143	6.86E-05	0.01111	0.527434
2548	493561.88	3860524.64	4.39819	6.43036	5.4232	7.8888	3.99E-01	0.0272	0.0001	0.01827	0.44415	5.03E-01	0.034335	8.62E-05	0.010667	5.48E-01	0.495894	0.029531	7.04E-05	0.011329	0.536824
2549	493591.88	3860524.64	4.3786	6.4051	5.44016	7.85309	3.97E-01	0.0271	0.0001	0.01819	0.44219	5.01E-01	0.0342	8.65E-05	0.010618	5.46E-01	0.493686	0.029415	7.06E-05	0.011277	0.534448
2550	493561.88	3860554.64	4.3668	6.51423	5.39351	7.88465	3.96E-01	0.02756	0.0001	0.01826	0.44165	4.99E-01	0.034783	8.57E-05	0.010661	5.45E-01	0.492355	0.029916	7E-05	0.011323	0.533664
2551	493591.88	3860554.64	4.37136	6.43362	5.38379	7.85993	3.96E-01	0.02722	0.0001	0.01821	0.44167	5.00E-01	0.034352	8.56E-05	0.010627	5.45E-01	0.492869	0.029546	6.99E-05	0.011287	0.533772
2552	492880.5	3860293.11	4.81837	7.51105	5.86673	8.78448	4.37E-01	0.03178	0.00011	0.02035	0.48888	5.51E-01	0.040105	9.32E-05	0.011878	6.03E-01	0.54327	0.034494	7.62E-05	0.012615	0.590454
2553	492930.5	3860293.11	4.80875	7.44226	5.95162	8.68526	4.36E-01	0.03148	0.00011	0.02012	0.48749	5.50E-01	0.039738	9.46E-05	0.011743	6.02E-01	0.542185	0.034178	7.73E-05	0.012472	0.588912
2554	492980.5	3860293.11	4.79243	7.40386	5.95428	8.61605	4.34E-01	0.03132	0.00011	0.01996	0.48569	5.48E-01	0.039533	9.46E-05	0.01165	5.99E-01	0.540345	0.034001	7.73E-05	0.012373	0.586797
2555	493030.5	3860293.11	4.79239	7.41229	6.07551	8.85407	4.34E-01	0.03136	0.00011	0.02051	0.48628	5.48E-01	0.039578	9.66E-05	0.011972	6.00E-01	0.54034	0.03404	7.89E-05	0.012715	0.587174
2556	493080.5	3860293.11	4.81853	7.33711	6.13495	8.92131	4.37E-01	0.03104	0.00011	0.02066	0.48848	5.51E-01	0.039177	9.75E-05	0.012063	6.02E-01	0.543288	0.033695	7.96E-05	0.012811	0.589873
2557	493130.5	3860293.11	4.8006	7.24279	5.99875	8.76278	4.35E-01	0.03064	0.00011	0.0203	0.48609	5.49E-01	0.038673	9.53E-05	0.011848	6.00E-01	0.541266	0.033262	7.79E-05	0.012584	0.587189
2558	493180.5	3860293.11	4.73482	7.07283	5.98304	8.59958	4.29E-01	0.02992	0.00011	0.01992	0.47903	5.42E-01	0.037766	9.51E-05	0.011628	5.91E-01	0.533849	0.032481	7.77E-05	0.012349	0.578758

2559	493230.5	3860293.11	4.68972	6.83455	5.99036	8.54639	4.25E-01	0.02891	0.00011	0.0198	0.47381	5.36E-01	0.036493	9.52E-05	0.011556	5.85E-01	0.528764	0.031387	7.78E-05	0.012273	0.572502
2560	493280.5	3860293.11	4.69606	6.67894	6.01166	8.56903	4.26E-01	0.02826	0.00011	0.01985	0.47378	5.37E-01	0.035662	9.55E-05	0.011586	5.84E-01	0.529479	0.030672	7.8E-05	0.012306	0.572535
2561	493330.5	3860293.11	4.69614	6.5007	5.99257	8.48116	4.26E-01	0.0275	0.00011	0.01964	0.47283	5.37E-01	0.034711	9.52E-05	0.011467	5.83E-01	0.529488	0.029854	7.78E-05	0.012179	0.571599
2562	493380.5	3860293.11	4.69009	6.37253	6.01816	8.38252	4.25E-01	0.02696	0.00011	0.01942	0.47151	5.36E-01	0.034026	9.56E-05	0.011334	5.82E-01	0.528806	0.029265	7.81E-05	0.012038	0.570187
2563	492880.5	3860343.11	4.73287	7.35981	5.72241	8.6335	4.29E-01	0.03114	0.00011	0.02	0.48014	5.41E-01	0.039298	9.09E-05	0.011673	5.92E-01	0.533629	0.033799	7.43E-05	0.012398	0.579901
2564	492930.5	3860343.11	4.71376	7.37059	5.68708	8.63314	4.27E-01	0.03118	0.00011	0.02	0.47845	5.39E-01	0.039355	9.04E-05	0.011673	5.90E-01	0.531475	0.033848	7.38E-05	0.012398	0.577795
2565	492980.5	3860343.11	4.78285	7.45634	5.8507	8.62472	4.33E-01	0.03154	0.00011	0.01998	0.48506	5.47E-01	0.039813	9.3E-05	0.011662	5.99E-01	0.539265	0.034242	7.59E-05	0.012386	0.585968
2566	493030.5	3860343.11	4.76257	7.37519	5.89801	8.50255	4.32E-01	0.0312	0.00011	0.01969	0.4826	5.45E-01	0.03938	9.37E-05	0.011496	5.96E-01	0.536978	0.03387	7.66E-05	0.01221	0.583134
2567	493080.5	3860343.11	4.74928	7.41484	5.92725	8.79531	4.30E-01	0.03137	0.00011	0.02037	0.48224	5.43E-01	0.039592	9.42E-05	0.011892	5.95E-01	0.53548	0.034052	7.69E-05	0.012631	0.582239
2568	493130.5	3860343.11	4.72179	7.28852	5.97249	8.73749	4.28E-01	0.03083	0.00011	0.02024	0.47908	5.40E-01	0.038917	9.49E-05	0.011814	5.91E-01	0.53238	0.033472	7.75E-05	0.012547	0.578477
2569	493180.5	3860343.11	4.7226	7.05534	5.9213	8.4134	4.28E-01	0.02985	0.00011	0.01949	0.47742	5.40E-01	0.037672	9.41E-05	0.011376	5.89E-01	0.532472	0.032401	7.69E-05	0.012082	0.577031
2570	493230.5	3860343.11	4.69373	7.00358	5.83632	8.28093	4.25E-01	0.02963	0.00011	0.01918	0.47427	5.37E-01	0.037396	9.28E-05	0.011197	5.86E-01	0.529216	0.032163	7.58E-05	0.011892	0.573347
2571	493280.5	3860343.11	4.66382	6.959	5.8906	8.48176	4.23E-01	0.02944	0.00011	0.01965	0.47184	5.33E-01	0.037158	9.36E-05	0.011468	5.82E-01	0.525844	0.031958	7.65E-05	0.01218	0.570059
2572	493330.5	3860343.11	4.62895	6.76278	5.92154	8.48906	4.19E-01	0.02861	0.00011	0.01966	0.46787	5.29E-01	0.03611	9.41E-05	0.011478	5.77E-01	0.521913	0.031057	7.69E-05	0.012191	0.565237
2573	493380.5	3860343.11	4.6263	6.57554	5.90866	8.42254	4.19E-01	0.02782	0.00011	0.01951	0.46668	5.29E-01	0.03511	9.39E-05	0.011388	5.76E-01	0.521614	0.030197	7.67E-05	0.012095	0.563983
2574	492880.5	3860393.11	4.58086	7.22415	5.57873	8.66743	4.15E-01	0.03056	0.0001	0.02008	0.46587	5.24E-01	0.038574	8.87E-05	0.011719	5.74E-01	0.51649	0.033176	7.24E-05	0.012447	0.562186
2575	492930.5	3860393.11	4.63617	7.27095	5.60877	8.5215	4.20E-01	0.03076	0.0001	0.01974	0.47074	5.30E-01	0.038823	8.91E-05	0.011522	5.81E-01	0.522727	0.033391	7.28E-05	0.012237	0.568428
2576	492980.5	3860393.11	4.6803	7.25517	5.64321	8.47878	4.24E-01	0.03069	0.00011	0.01964	0.47458	5.35E-01	0.038739	8.97E-05	0.011464	5.86E-01	0.527702	0.033318	7.33E-05	0.012176	0.57327
2577	493030.5	3860393.11	4.6968	7.32064	5.65266	8.50107	4.26E-01	0.03097	0.00011	0.01969	0.4764	5.37E-01	0.039089	8.98E-05	0.011494	5.88E-01	0.529563	0.033619	7.34E-05	0.012208	0.575463
2578	493080.5	3860393.11	4.71288	7.37012	5.79885	8.70098	4.27E-01	0.03118	0.00011	0.02015	0.47853	5.39E-01	0.039353	9.22E-05	0.011765	5.90E-01	0.531376	0.033846	7.53E-05	0.012495	0.577792
2579	493130.5	3860393.11	4.68751	7.25568	5.80168	8.32929	4.25E-01	0.0307	0.00011	0.01929	0.47489	5.36E-01	0.038742	9.22E-05	0.011262	5.86E-01	0.528515	0.033321	7.53E-05	0.011961	0.573873
2580	493180.5	3860393.11	4.63642	7.13761	5.75041	8.32701	4.20E-01	0.0302	0.00011	0.01929	0.46975	5.30E-01	0.038111	9.14E-05	0.011259	5.80E-01	0.522755	0.032779	7.46E-05	0.011958	0.567566
2581	493230.5	3860393.11	4.6331	7.05152	5.79294	8.29969	4.20E-01	0.02983	0.00011	0.01922	0.46902	5.30E-01	0.037652	9.21E-05	0.011222	5.79E-01	0.52238	0.032383	7.52E-05	0.011919	0.566758
2582	493280.5	3860393.11	4.65845	6.93204	5.81797	8.272	4.22E-01	0.02933	0.00011	0.01916	0.47075	5.33E-01	0.037014	9.25E-05	0.011185	5.81E-01	0.525239	0.031835	7.55E-05	0.011879	0.569028
2583	493330.5	3860393.11	4.63451	6.90842	5.77755	8.4335	4.20E-01	0.02923	0.00011	0.01953	0.46886	5.30E-01	0.036888	9.18E-05	0.011403	5.78E-01	0.522539	0.031726	7.5E-05	0.012111	0.566451
2584	493380.5	3860393.11	4.59019	6.85016	5.80135	8.36981	4.16E-01	0.02898	0.00011	0.01939	0.46445	5.25E-01	0.036577	9.22E-05	0.011317	5.73E-01	0.517542	0.031458	7.53E-05	0.012019	0.561096
2585	492880.5	3860443.11	4.50765	7.09205	5.42681	8.46392	4.08E-01	0.03	0.0001	0.0196	0.4582	5.16E-01	0.037868	8.62E-05	0.011444	5.65E-01	0.508236	0.032569	7.04E-05	0.012155	0.55303
2586	492930.5	3860443.11	4.49454	7.10218	5.42595	8.55021	4.07E-01	0.03005	0.0001	0.0198	0.45726	5.14E-01	0.037922	8.62E-05	0.011561	5.64E-01	0.506758	0.032616	7.04E-05	0.012279	0.551723
2587	492980.5	3860443.11	4.54029	7.12487	5.50601	8.47883	4.11E-01	0.03014	0.0001	0.01964	0.46133	5.19E-01	0.038043	8.75E-05	0.011464	5.69E-01	0.511916	0.03272	7.15E-05	0.012176	0.556884
2588	493030.5	3860443.11	4.60615	7.13605	5.55228	8.36318	4.17E-01	0.03019	0.0001	0.01937	0.46708	5.27E-01	0.038103	8.82E-05	0.011308	5.76E-01	0.519342	0.032771	7.21E-05	0.01201	0.564195
2589	493080.5	3860443.11	4.5979	7.09929	5.53091	8.32525	4.17E-01	0.03003	0.0001	0.01928	0.46609	5.26E-01	0.037907	8.79E-05	0.011257	5.75E-01	0.518412	0.032603	7.18E-05	0.011955	0.563042
2590	493130.5	3860443.11	4.61839	7.15384	5.54871	8.37558	4.19E-01	0.03026	0.0001	0.0194	0.4683	5.28E-01	0.038198	8.82E-05	0.011325	5.78E-01	0.520722	0.032853	7.2E-05	0.012028	0.565675
2591	493180.5	3860443.11	4.58317	7.06822	5.59347	8.28453	4.15E-01	0.0299	0.0001	0.01919	0.46453	5.24E-01	0.037741	8.89E-05	0.011202	5.73E-01	0.516751	0.03246	7.26E-05	0.011897	0.56118
2592	493230.5	3860443.11	4.58523	7.04567	5.65244	8.16823	4.16E-01	0.02981	0.00011	0.01892	0.46435	5.24E-01	0.037621	8.98E-05	0.011044	5.73E-01	0.516983	0.032356	7.34E-05	0.01173	0.561143
2593	493280.5	3860443.11	4.57515	7.02982	5.67955	8.1949	4.15E-01	0.02974	0.00011	0.01898	0.46344	5.23E-01	0.037536	9.03E-05	0.01108	5.72E-01	0.515847	0.032284	7.37E-05	0.011768	0.559972
2594	493330.5	3860443.11	4.57963	6.97296	5.72661	8.1751	4.15E-01	0.0295	0.00011	0.01894	0.46356	5.24E-01	0.037232	9.1E-05	0.011054	5.72E-01	0.516352	0.032022	7.43E-05	0.01174	0.560188
2595	493380.5	3860443.11	4.59206	6.79668	5.69761	8.13721	4.16E-01	0.02875	0.00011	0.01885	0.46385	5.25E-01	0.036291	9.06E-05	0.011002	5.73E-01	0.517753	0.031213	7.4E-05	0.011685	0.560725
2596	493180.5	3860493.11	4.50389	6.91209	5.39784	8.1705	4.08E-01	0.02924	0.0001	0.01892	0.45642	5.15E-01	0.036907	8.58E-05	0.011047	5.63E-01	0.507812	0.031743	7.01E-05	0.011733	0.551358
2597	493230.5	3860493.11	4.53529	6.99234	5.45681	8.23705	4.11E-01	0.02958	0.0001	0.01908	0.45976	5.19E-01	0.037336	8.67E-05	0.011137	5.67E-01	0.511352	0.032111	7.08E-05	0.011829	0.555363
2598	493280.5	3860493.11	4.5381	6.98725	5.53957	8.12194	4.11E-01	0.02956	0.0001	0.01881	0.45973	5.19E-01	0.037309	8.8E-05	0.010982	5.67E-01	0.511669	0.032088	7.19E-05	0.011664	0.555493
2599	493330.5	3860493.11	4.51968	6.93733	5.56153	8.01408	4.10E-01	0.02935	0.0001	0.01856	0.4576	5.17E-01	0.037042	8.84E-05	0.010836	5.65E-01	0.509592	0.031859	7.22E-05	0.011509	0.553032
2600	493380.5	3860493.11	4.49174	6.88546	5.58391	8.06854	4.07E-01	0.02913	0.0001	0.01869	0.45497	5.14E-01	0.036765	8.87E-05	0.01091	5.62E-01	0.506442	0.031621	7.25E-05	0.011587	0.549722
2601	493330.5	3860543.11	4.47501	6.88462	5.40218	8.08926	4.06E-01	0.02913	0.0001	0.01874	0.4535	5.12E-01	0.036761	8.59E-05	0.010938	5.60E-01	0.504556	0.031617	7.01E-05	0.011617	0.547859
2602	493380.5	3860543.11	4.4515	6.83148	5.4351	7.96133	4.03E-01	0.0289	0.0001	0.01844	0.45085	5.09E-01	0.036477	8.64E-05	0.010765	5.56E-01	0.501905	0.031373	7.05E-05	0.011433	0.544781
2603	494135.94	3860876.85	3.88782	5.81861	4.75965	7.09177	3.52E-01	0.02462	8.9E-05	0.01643	0.39345	4.45E-01	0.031069	7.56E-05	0.009589	4.85E-01	0.43835	0.026721	6.18E-05	0.010184	0.475318
2604	494185.94	3860876.85	3.88048	5.7161	4.74494	7.07433	3.52E-01	0.02418	8.9E-05	0.01639	0.39231	4.44E-01	0.030521	7.54E-05	0.009565	4.84E-01	0.437523	0.02625	6.16E-05	0.010159	0.473994
2605	494135.94	3860926.85	3.84459	5.77493	4.61942	6.92707	3.48E-01	0.02443	8.6E-05	0.01604	0.38897	4.40E-01	0.030835	7.34E-05	0.009366	4.80E-01	0.433476	0.026521	6E-05	0.009948	0.470004
2606	494185.94	3860926.85	3.8379	5.71312	4.65667	6.97177	3.48E-01	0.02417	8.7E-05	0.01615	0.3882	4.39E-01	0.030505	7.4E-05	0.009427	4.79E-01	0.432722	0.026237	6.04E-05	0.010012	0.469031
2607	494135.94	3860976.85	3.80073	5.66314	4.53676	6.84449	3.44E-01	0.02396	8.5E-05	0.01585	0.38433	4.35E-01	0.030238	7.21E-05	0.009254	4.74E-01	0.428531	0.026007	5.89E-05	0.009829	0.464426
2608	494185.94	3860976.85	3.78913	5.69141	4.55966	6.80428	3.43E-01	0.02408	8.5E-05	0.01576	0.3833	4.33E-01	0.030389	7.25E-05	0.0092	4.73E-01	0.427223	0.026137	5.92E-05	0.009771	0.463191
2609	494135.94	3861026.85	3.73973	5.48968	4.36583	6.73766	3.39E-01	0.02322	8.2E-05	0.01561	0.37781	4.28E-01	0.029312	6.94E-05	0.00911	4.66E-01	0.421653	0.025211	5.67E-05	0.009676	0.456596
2610	494185.94	3861026.85	3.73294	5.49129	4.40401	6.72345	3.38E-01	0.02323	8.2E-05	0.01557	0.37717	4.27E-01	0.029321	7E-05	0.009091	4.65E-01	0.420888	0.025218	5.72E-05	0.009655	0.455818
2611	494135.94	3861076.85	3.62912	5.49782	4.33149	6.66317	3.29E-01	0.02326	8.1E-05	0.01543	0.36765	4.15E-01	0.029356	6.88E-05	0.009009	4.54E-01	0.409182	0.025248	5.62E-05	0.009569	0.444055
2612	494185.94	3861076.85	3.67825	5.45224	4.32341	6.61725	3.33E-01	0.02307	8.1E-05	0.01533	0.3718	4.21E-01	0.029112	6.87E-05	0.008947	4.59E-01	0.414721	0.025039	5.61E-05	0.009503	0.449319
2613	490360.04	3858710.04	7.75454	14.32557	11.49554	14.04438	7.03E-01	0.0606	0.00022	0.03253	0.79608	8.87E-01	0.076492	0.000183	0.01899	9.83E-01	0.874322	0.065788	0.000149	0.020168	0.960428
2614	490410.04	3858710.04	7.7492	14.04234	11.41177	13.71278	7.02E-01	0.05941	0.00021	0.03176	0.79363	8.86E-01	0.074979	0.000181	0.018541	9.80E-01	0.87372	0.064488	0.000148	0.019692	0.958048
2615	490460.04	3858710.04	7.73145	13.8942	11.51535	13.26758	7.01E-01	0.05878	0.00022	0.03073	0.79037	8.84E-01	0.074188	0.000183	0.017939	9.77E-01	0.871718	0.063807	0.000149	0.019053	0.954728
2616	490510.04	3858710.04	7.77269	13.77626	11.48422	12.96118	7.04E-01	0.05828	0.00021	0.03002	0.79289	8.89E-01	0.073559	0.000183	0.017525	9.80E-01	0.876368	0.063266	0.000149	0.018613	0.958396
2617	490560.04	3858710.04	7.71847	13.64122	11.27875	12.65794	6.99E-01	0.05771	0.00021	0.02932	0.7867	8.83E-01	0.072838	0.000179	0.017115	9.73E-01	0.870255	0.062646	0.000146	0.018177	0.951224
2618	490610.04	3858710.04	7.69314	13.62502	11.01892	12.29916	6.97E-01	0.05764	0.00021	0.02849	0.7835	8.80E-01	0.072751	0.000175	0.01663	9.69E-01	0.867399	0.062571	0.000143	0.017662	0.947775
2619	490660.04	3858710.04	7.67783	13.45163	10.81029	12.08131	6.96E-01	0.05691	0.0002	0.02798	0.78087	8.78E-01	0.071825	0.000172	0.016335	9.67E-01	0.865673	0.061775	0.00014	0.017349	0.944937

2620	490710.04	3858710.04	7.64824	13.38204	10.52706	11.66932	6.93E-01	0.05661	0.0002	0.02703	0.77694	8.75E-01	0.071454	0.000167	0.015778	9.62E-01	0.862336	0.061455	0.000137	0.016758	0.940686
2621	490760.04	3858710.04	7.58865	13.07746	10.11986	11.28874	6.88E-01	0.05532	0.00019	0.02615	0.76936	8.68E-01	0.069827	0.000161	0.015264	9.53E-01	0.855618	0.060057	0.000131	0.016211	0.932017
2622	490810.04	3858710.04	7.45932	12.69711	9.91942	10.98251	6.76E-01	0.05372	0.00019	0.02544	0.75532	8.53E-01	0.067796	0.000158	0.01485	9.36E-01	0.841036	0.05831	0.000129	0.015771	0.915246
2623	490860.04	3858710.04	7.33829	12.41216	9.88125	10.64954	6.65E-01	0.05251	0.00018	0.02467	0.74237	8.39E-01	0.066275	0.000157	0.014399	9.20E-01	0.82739	0.057001	0.000128	0.015293	0.899812
2624	490360.04	3858760.04	7.72834	14.2968	11.13715	14.29486	7.00E-01	0.06048	0.00021	0.03311	0.79416	8.84E-01	0.076338	0.000177	0.019328	9.80E-01	0.871368	0.065656	0.000145	0.020528	0.957697
2625	490410.04	3858760.04	7.71604	14.23369	11.25754	13.95962	6.99E-01	0.06022	0.00021	0.03233	0.792	8.83E-01	0.076001	0.000179	0.018875	9.78E-01	0.869981	0.065366	0.000146	0.020047	0.95554
2626	490460.04	3858760.04	7.7101	14.06691	11.35751	13.56974	6.99E-01	0.05951	0.00021	0.03143	0.78986	8.82E-01	0.075111	0.000181	0.018348	9.76E-01	0.869311	0.0646	0.000147	0.019487	0.953546
2627	490510.04	3858760.04	7.664	13.74551	11.28851	13.16183	6.95E-01	0.05815	0.00021	0.03049	0.78337	8.77E-01	0.073394	0.000179	0.017796	9.68E-01	0.864113	0.063124	0.000147	0.018901	0.946285
2628	490560.04	3858760.04	7.66967	13.64277	11.39051	12.75932	6.95E-01	0.05772	0.00021	0.02955	0.78252	8.77E-01	0.072846	0.000181	0.017252	9.68E-01	0.864753	0.062653	0.000148	0.018323	0.945876
2629	490610.04	3858760.04	7.71081	13.45233	11.32534	12.42074	6.99E-01	0.05691	0.00021	0.02877	0.78466	8.82E-01	0.071829	0.00018	0.016794	9.71E-01	0.869391	0.061778	0.000147	0.017837	0.949153
2630	490660.04	3858760.04	7.60905	13.22858	11.12347	12.06817	6.90E-01	0.05596	0.00021	0.02795	0.77367	8.70E-01	0.070634	0.000177	0.016317	9.57E-01	0.857918	0.060751	0.000144	0.017331	0.936143
2631	490710.04	3858760.04	7.59509	13.17335	10.86368	11.71407	6.88E-01	0.05573	0.0002	0.02713	0.77135	8.69E-01	0.070339	0.000173	0.015839	9.55E-01	0.856344	0.060497	0.000141	0.016822	0.933804
2632	490760.04	3858760.04	7.5822	13.03961	10.68848	11.25714	6.87E-01	0.05516	0.0002	0.02607	0.76855	8.67E-01	0.069625	0.00017	0.015221	9.52E-01	0.85489	0.059883	0.000139	0.016166	0.931078
2633	490810.04	3858760.04	7.57617	12.96294	10.34335	10.89355	6.87E-01	0.05484	0.00019	0.02523	0.76683	8.67E-01	0.069216	0.000164	0.014729	9.51E-01	0.854211	0.059531	0.000134	0.015644	0.929519
2634	490860.04	3858760.04	7.4866	12.87951	9.93585	10.60099	6.78E-01	0.05449	0.00019	0.02455	0.75768	8.56E-01	0.06877	0.000158	0.014334	9.40E-01	0.844112	0.059147	0.000129	0.015224	0.918612
2635	490360.04	3858810.04	7.79078	13.7619	11.17825	14.75284	7.06E-01	0.05822	0.00021	0.03417	0.79862	8.91E-01	0.073482	0.000178	0.019947	9.85E-01	0.878408	0.0632	0.000145	0.021186	0.962938
2636	490410.04	3858810.04	7.75022	13.52397	11.07109	14.19403	7.02E-01	0.05721	0.00021	0.03288	0.79264	8.86E-01	0.072212	0.000176	0.019192	9.78E-01	0.873835	0.062107	0.000144	0.020383	0.956469
2637	490460.04	3858810.04	7.66386	13.91369	11.00536	13.70734	6.95E-01	0.05886	0.00021	0.03175	0.78533	8.77E-01	0.074292	0.000175	0.018534	9.70E-01	0.864098	0.063897	0.000143	0.019684	0.947822
2638	490510.04	3858810.04	7.63217	13.79069	11.12952	13.36251	6.92E-01	0.05834	0.00021	0.03095	0.78114	8.73E-01	0.073636	0.000177	0.018068	9.65E-01	0.860525	0.063332	0.000144	0.019189	0.94319
2639	490560.04	3858810.04	7.61006	13.87248	11.17731	13.02569	6.90E-01	0.05869	0.00021	0.03017	0.77871	8.70E-01	0.074072	0.000178	0.017612	9.62E-01	0.858032	0.063708	0.000145	0.018706	0.94059
2640	490610.04	3858810.04	7.56503	13.53858	11.16257	12.59943	6.86E-01	0.05728	0.00021	0.02918	0.77223	8.65E-01	0.07229	0.000177	0.017036	9.55E-01	0.852955	0.062174	0.000145	0.018093	0.933367
2641	490660.04	3858810.04	7.57484	13.30846	11.24141	12.19486	6.86E-01	0.0563	0.00021	0.02825	0.77121	8.66E-01	0.071061	0.000179	0.016489	9.54E-01	0.854061	0.061117	0.000146	0.017512	0.932836
2642	490710.04	3858810.04	7.56979	13.17131	11.16071	11.70444	6.86E-01	0.05572	0.00021	0.02711	0.76903	8.66E-01	0.070328	0.000177	0.015826	9.52E-01	0.853491	0.060488	0.000145	0.016808	0.930932
2643	490760.04	3858810.04	7.50644	12.90519	10.95293	11.21025	6.80E-01	0.0546	0.00021	0.02597	0.76101	8.59E-01	0.068908	0.000174	0.015157	9.43E-01	0.846349	0.059265	0.000142	0.016099	0.921855
2644	490810.04	3858810.04	7.51461	12.70254	10.69047	10.96681	6.81E-01	0.05374	0.0002	0.0254	0.76033	8.60E-01	0.067825	0.00017	0.014828	9.42E-01	0.84727	0.058335	0.000139	0.015749	0.921492
2645	490860.04	3858810.04	7.53875	12.69567	10.50058	10.51474	6.83E-01	0.05371	0.0002	0.02435	0.76144	8.62E-01	0.067789	0.000167	0.014217	9.44E-01	0.849991	0.058303	0.000136	0.0151	0.923531
2646	490360.04	3858860.04	7.88964	14.13732	11.06725	14.95237	7.15E-01	0.05981	0.00021	0.03463	0.80962	9.02E-01	0.075487	0.000176	0.020217	9.98E-01	0.889554	0.064924	0.000144	0.021472	0.976094
2647	490410.04	3858860.04	7.70805	13.7699	11.19424	14.6645	6.99E-01	0.05825	0.00021	0.03397	0.79095	8.82E-01	0.073525	0.000178	0.019828	9.75E-01	0.86908	0.063236	0.000145	0.021059	0.953521
2648	490460.04	3858860.04	7.72685	13.5611	10.97674	14.15212	7.00E-01	0.05737	0.00021	0.03278	0.79058	8.84E-01	0.07241	0.000174	0.019135	9.76E-01	0.8712	0.062278	0.000142	0.020323	0.953943
2649	490510.04	3858860.04	7.61395	13.0965	10.89413	13.63137	6.90E-01	0.0554	0.0002	0.03157	0.77717	8.71E-01	0.069929	0.000173	0.018431	9.59E-01	0.85847	0.060144	0.000141	0.019575	0.938331
2650	490560.04	3858860.04	7.56516	13.38024	10.82375	13.24396	6.86E-01	0.05661	0.0002	0.03068	0.77305	8.65E-01	0.071444	0.000172	0.017907	9.55E-01	0.852969	0.061447	0.00014	0.019019	0.933576
2651	490610.04	3858860.04	7.55985	13.52506	11.00325	12.69568	6.85E-01	0.05722	0.00021	0.02941	0.77192	8.65E-01	0.072217	0.000175	0.017166	9.54E-01	0.852371	0.062112	0.000143	0.018232	0.932857
2652	490660.04	3858860.04	7.4817	13.55499	10.99395	12.32187	6.78E-01	0.05734	0.00021	0.02854	0.7641	8.56E-01	0.072377	0.000175	0.016661	9.45E-01	0.843559	0.06225	0.000143	0.017695	0.923646
2653	490710.04	3858860.04	7.4512	13.33342	10.97867	11.99981	6.75E-01	0.05641	0.00021	0.02779	0.75965	8.52E-01	0.071194	0.000174	0.016225	9.40E-01	0.84012	0.061232	0.000143	0.017232	0.918727
2654	490760.04	3858860.04	7.50177	12.97347	11.01904	11.45278	6.80E-01	0.05488	0.00021	0.02653	0.76144	8.58E-01	0.069272	0.000175	0.015485	9.43E-01	0.845822	0.059579	0.000143	0.016447	0.921991
2655	490810.04	3858860.04	7.5125	12.82184	10.96885	10.88334	6.81E-01	0.05424	0.00021	0.02521	0.76045	8.59E-01	0.068462	0.000174	0.014715	9.43E-01	0.847032	0.058883	0.000142	0.015629	0.921686
2656	490860.04	3858860.04	7.51031	12.59425	10.75672	10.41899	6.81E-01	0.05328	0.0002	0.02413	0.75821	8.59E-01	0.067247	0.000171	0.014088	9.41E-01	0.846785	0.057837	0.00014	0.014962	0.919724
2657	490360.04	3858910.04	7.83934	13.84962	10.80122	15.17672	7.10E-01	0.05859	0.0002	0.03515	0.80436	8.97E-01	0.07395	0.000172	0.020521	9.91E-01	0.883883	0.063603	0.00014	0.021795	0.96942
2658	490410.04	3858910.04	7.83092	13.55679	10.78574	14.87543	7.10E-01	0.05735	0.0002	0.03445	0.80166	8.96E-01	0.072387	0.000171	0.020113	9.88E-01	0.882934	0.062258	0.00014	0.021362	0.966693
2659	490460.04	3858910.04	7.71488	13.78752	10.87968	14.52565	6.99E-01	0.05833	0.0002	0.03364	0.79131	8.82E-01	0.073619	0.000173	0.01964	9.76E-01	0.86985	0.063317	0.000141	0.02086	0.954168
2660	490510.04	3858910.04	7.63391	13.51778	10.98186	14.1144	6.92E-01	0.05719	0.00021	0.03269	0.78189	8.73E-01	0.072178	0.000175	0.019084	9.65E-01	0.860721	0.062079	0.000143	0.020269	0.943211
2661	490560.04	3858910.04	7.62028	13.20889	10.78058	13.50884	6.91E-01	0.05588	0.0002	0.03129	0.77794	8.72E-01	0.070529	0.000171	0.018265	9.61E-01	0.859184	0.06066	0.00014	0.019399	0.939383
2662	490610.04	3858910.04	7.51576	12.82043	10.72471	12.86361	6.81E-01	0.05424	0.0002	0.02979	0.76533	8.60E-01	0.068455	0.00017	0.017393	9.46E-01	0.847399	0.058876	0.000139	0.018473	0.924888
2663	490660.04	3858910.04	7.44868	12.92605	10.66903	12.44164	6.75E-01	0.05468	0.0002	0.02882	0.75872	8.52E-01	0.069019	0.00017	0.016822	9.38E-01	0.839836	0.059361	0.000138	0.017867	0.917203
2664	490710.04	3858910.04	7.45283	13.10756	10.82819	11.9808	6.75E-01	0.05545	0.0002	0.02775	0.7588	8.52E-01	0.069988	0.000172	0.016199	9.39E-01	0.840304	0.060195	0.000141	0.017205	0.917844
2665	490760.04	3858910.04	7.46981	13.0577	10.80319	11.45078	6.77E-01	0.05524	0.0002	0.02652	0.7589	8.54E-01	0.069722	0.000172	0.015483	9.40E-01	0.842219	0.059966	0.00014	0.016444	0.918768
2666	490810.04	3858910.04	7.49772	13.04567	10.85034	11.03999	6.79E-01	0.05519	0.0002	0.02557	0.76042	8.58E-01	0.069658	0.000172	0.014927	9.42E-01	0.845365	0.059911	0.000141	0.015854	0.921271
2667	490860.04	3858910.04	7.59336	12.73688	10.98318	10.47729	6.88E-01	0.05388	0.00021	0.02427	0.76648	8.69E-01	0.068009	0.000175	0.014166	9.51E-01	0.856149	0.058492	0.000143	0.015046	0.92983
2668	490360.04	3858960.04	7.94278	14.67106	10.58627	15.27522	7.20E-01	0.06207	0.0002	0.03538	0.81744	9.08E-01	0.078336	0.000168	0.020654	1.01E+00	0.895546	0.067375	0.000137	0.021936	0.984994
2669	490410.04	3858960.04	7.80335	14.24323	10.50577	14.88339	7.07E-01	0.06026	0.0002	0.03447	0.80208	8.93E-01	0.076052	0.000167	0.020124	9.89E-01	0.879825	0.06541	0.000136	0.021373	0.966745
2670	490460.04	3858960.04	7.75717	13.63956	10.69089	14.37606	7.03E-01	0.0577	0.0002	0.0333	0.79417	8.87E-01	0.072829	0.00017	0.019438	9.80E-01	0.874618	0.062638	0.000139	0.020645	0.95804
2671	490510.04	3858960.04	7.7437	13.28079	10.64923	14.03307	7.02E-01	0.05618	0.0002	0.0325	0.79064	8.86E-01	0.070913	0.000169	0.018974	9.76E-01	0.8731	0.06099	0.000138	0.020152	0.95438
2672	490560.04	3858960.04	7.57842	13.44919	10.79677	13.63812	6.87E-01	0.0569	0.0002	0.03159	0.77546	8.67E-01	0.071812	0.000172	0.01844	9.57E-01	0.854464	0.061764	0.00014	0.019585	0.935953
2673	490610.04	3858960.04	7.56056	13.32783	10.757	13.09283	6.85E-01	0.05638	0.0002	0.03033	0.77206	8.65E-01	0.071164	0.000171	0.017703	9.54E-01	0.852451	0.061206	0.00014	0.018802	0.932599
2674	490660.04	3858960.04	7.48896	12.89714	10.60016	12.73796	6.79E-01	0.05456	0.0002	0.0295	0.76293	8.57E-01	0.068865	0.000168	0.017223	9.43E-01	0.844378	0.059228	0.000138	0.018292	0.922036
2675	490710.04	3858960.04	7.44928	12.68363	10.54578	11.96868	6.75E-01	0.05366	0.0002	0.02772	0.75665	8.52E-01	0.067725	0.000168	0.016183	9.36E-01	0.839904	0.058248	0.000137	0.017188	0.915476
2676	490760.04	3858960.04	7.48045	12.43949	10.63166	11.43933	6.78E-01	0.05263	0.0002	0.0265	0.75721	8.56E-01	0.066421	0.000169	0.015467	9.38E-01	0.843418	0.057127	0.000138	0.016427	0.91711
2677	490810.04	3858960.04	7.50364	12.64541	10.74348	10.93603	6.80E-01	0.0535	0.0002	0.02533	0.75902	8.58E-01	0.06752	0.000171	0.014787	9.41E-01	0.846033	0.058072	0.000139	0.015705	0.919949
2678	490860.04	3858960.04	7.5863	12.56753	10.76143	10.30786	6.87E-01	0.05317	0.0002	0.02387	0.76473	8.68E-01	0.067105	0.000171	0.013937	9.49E-01	0.855353	0.057715	0.00014	0.014803	0.92801
2679	490360.04	3859010.04	7.88516	14.87544	10.67277	15.50076	7.15E-01	0.06293	0.0002	0.0359	0.8136	9.02E-01	0.079428	0.00017	0.020959	1.00E+00	0.889049	0.068314	0.000139	0.02226	0.979761
2680	490410.04	3859010.04	7.88251	14.68157	10.50372	15.19645	7.14E-01	0.06211	0.0002	0.0352	0.81183	9.02E-01	0.078393	0.000167	0.020547	1.00E+00	0.88875	0.067423	0.000136	0.021823	0.978133

2681	490460.04	3859010.04	7.77761	14.47483	10.40836	14.477	7.05E-01	0.06124	0.00019	0.03353	0.79979	8.90E-01	0.077289	0.000165	0.019574	9.87E-01	0.876923	0.066474	0.000135	0.02079	0.964321
2682	490510.04	3859010.04	7.68455	14.04425	10.44151	13.79743	6.96E-01	0.05941	0.0002	0.03196	0.78796	8.79E-01	0.07499	0.000166	0.018656	9.73E-01	0.86643	0.064496	0.000136	0.019814	0.950876
2683	490560.04	3859010.04	7.68243	13.41534	10.44909	13.31947	6.96E-01	0.05675	0.0002	0.03085	0.784	8.79E-01	0.071631	0.000166	0.018009	9.69E-01	0.866191	0.061608	0.000136	0.019127	0.947063
2684	490610.04	3859010.04	7.61019	12.98294	10.52597	12.80945	6.90E-01	0.05492	0.0002	0.02967	0.77444	8.70E-01	0.069323	0.000167	0.01732	9.57E-01	0.858046	0.059622	0.000137	0.018395	0.9362
2685	490660.04	3859010.04	7.49863	13.09832	10.66923	12.62194	6.80E-01	0.05541	0.0002	0.02923	0.76439	8.58E-01	0.069939	0.00017	0.017066	9.45E-01	0.845468	0.060152	0.000138	0.018126	0.923885
2686	490710.04	3859010.04	7.52524	12.96511	10.57776	12.00366	6.82E-01	0.05485	0.0002	0.0278	0.7648	8.61E-01	0.069227	0.000168	0.01623	9.46E-01	0.848468	0.059541	0.000137	0.017238	0.925384
2687	490760.04	3859010.04	7.48066	12.66192	10.61619	11.43852	6.78E-01	0.05357	0.0002	0.02649	0.75817	8.56E-01	0.067609	0.000169	0.015466	9.39E-01	0.843442	0.058148	0.000138	0.016426	0.918154
2688	490810.04	3859010.04	7.48062	12.40046	10.65445	10.70441	6.78E-01	0.05246	0.0002	0.02479	0.75536	8.56E-01	0.066213	0.000169	0.014474	9.36E-01	0.843437	0.056948	0.000138	0.015372	0.915895
2689	490860.04	3859010.04	7.52684	11.94301	10.88199	10.15119	6.82E-01	0.05053	0.0002	0.02351	0.75634	8.61E-01	0.06377	0.000173	0.013726	9.39E-01	0.848649	0.054847	0.000141	0.014578	0.918214
2690	490360.04	3859060.04	7.84908	14.78832	10.5399	15.59208	7.11E-01	0.06256	0.0002	0.03611	0.81017	8.98E-01	0.078963	0.000168	0.021082	9.98E-01	0.884981	0.067913	0.000137	0.022391	0.975422
2691	490410.04	3859060.04	7.8256	14.70386	10.63165	15.06507	7.09E-01	0.0622	0.0002	0.03489	0.80647	8.95E-01	0.078512	0.000169	0.02037	9.94E-01	0.882334	0.067526	0.000138	0.021634	0.971632
2692	490460.04	3859060.04	7.7779	14.67007	10.46962	14.56592	7.05E-01	0.06206	0.0002	0.03374	0.80084	8.90E-01	0.078331	0.000166	0.019695	9.88E-01	0.876956	0.06737	0.000136	0.020917	0.965379
2693	490510.04	3859060.04	7.81885	14.42103	10.2728	14.20077	7.09E-01	0.06101	0.00019	0.03289	0.80265	8.94E-01	0.077001	0.000163	0.019201	9.91E-01	0.881573	0.066227	0.000133	0.020393	0.968326
2694	490560.04	3859060.04	7.66761	14.23862	10.26273	13.58025	6.95E-01	0.06024	0.00019	0.03145	0.78674	8.77E-01	0.076027	0.000163	0.018362	9.72E-01	0.86452	0.065389	0.000133	0.019502	0.949545
2695	490610.04	3859060.04	7.61331	13.74818	10.37169	12.79387	6.90E-01	0.05816	0.00019	0.02963	0.77792	8.71E-01	0.073409	0.000165	0.017299	9.62E-01	0.858398	0.063137	0.000135	0.018373	0.940042
2696	490660.04	3859060.04	7.64346	13.15733	10.25416	12.16544	6.93E-01	0.05566	0.00019	0.02818	0.7767	8.74E-01	0.070254	0.000163	0.016449	9.61E-01	0.861797	0.060423	0.000133	0.01747	0.939824
2697	490710.04	3859060.04	7.63482	12.60113	10.51211	11.55298	6.92E-01	0.05331	0.0002	0.02676	0.77215	8.73E-01	0.067284	0.000167	0.015621	9.56E-01	0.860823	0.057869	0.000136	0.016591	0.93542
2698	490760.04	3859060.04	7.6098	12.68246	10.68524	11.00634	6.90E-01	0.05365	0.0002	0.02549	0.76896	8.70E-01	0.067718	0.00017	0.014882	9.53E-01	0.858002	0.058243	0.000139	0.015806	0.932189
2699	490810.04	3859060.04	7.55994	12.57656	10.81141	10.4443	6.85E-01	0.05321	0.0002	0.02419	0.7627	8.65E-01	0.067153	0.000172	0.014122	9.46E-01	0.852381	0.057756	0.00014	0.014999	0.925276
2700	490860.04	3859060.04	7.58054	12.91384	10.90757	9.96557	6.87E-01	0.05463	0.0002	0.02308	0.76488	8.67E-01	0.068954	0.000173	0.013475	9.50E-01	0.854703	0.059305	0.000142	0.014311	0.928461
2701	490360.04	3859110.04	7.76464	14.45478	10.0994	15.71786	7.04E-01	0.06115	0.00019	0.03641	0.80139	8.88E-01	0.077182	0.000161	0.021252	9.87E-01	0.875461	0.066382	0.000131	0.022572	0.964545
2702	490410.04	3859110.04	7.76598	14.38374	10.26033	15.12693	7.04E-01	0.06085	0.00019	0.03504	0.79985	8.88E-01	0.076802	0.000163	0.020453	9.86E-01	0.875612	0.066055	0.000133	0.021723	0.963523
2703	490460.04	3859110.04	7.79581	14.57623	10.3563	14.67784	7.06E-01	0.06166	0.00019	0.034	0.80233	8.92E-01	0.07783	0.000165	0.019846	9.90E-01	0.878975	0.066939	0.000134	0.021078	0.967127
2704	490510.04	3859110.04	7.77336	14.43753	10.40658	13.98166	7.04E-01	0.06108	0.00019	0.03238	0.7981	8.89E-01	0.077089	0.000165	0.018905	9.85E-01	0.876444	0.066303	0.000135	0.020078	0.96296
2705	490560.04	3859110.04	7.7822	14.41545	10.21254	13.49453	7.05E-01	0.06098	0.00019	0.03126	0.79767	8.90E-01	0.076972	0.000162	0.018246	9.85E-01	0.87744	0.066201	0.000133	0.019379	0.963153
2706	490610.04	3859110.04	7.70861	14.09118	10.19953	12.94773	6.99E-01	0.05961	0.00019	0.02999	0.78836	8.82E-01	0.07524	0.000162	0.017507	9.75E-01	0.869143	0.064712	0.000132	0.018594	0.952581
2707	490660.04	3859110.04	7.71821	13.91196	10.39727	12.27663	6.99E-01	0.05885	0.00019	0.02844	0.78692	8.83E-01	0.074283	0.000165	0.016599	9.74E-01	0.870226	0.063889	0.000135	0.01763	0.951879
2708	490710.04	3859110.04	7.75423	13.43856	10.30099	11.71862	7.03E-01	0.05685	0.00019	0.02714	0.78689	8.87E-01	0.071755	0.000164	0.015845	9.75E-01	0.874287	0.061715	0.000134	0.016829	0.952964
2709	490760.04	3859110.04	7.75932	12.86267	10.45814	10.82257	7.03E-01	0.05442	0.0002	0.02507	0.78284	8.87E-01	0.06868	0.000166	0.014633	9.71E-01	0.874861	0.05907	0.000136	0.015542	0.949608
2710	490810.04	3859110.04	7.87836	13.00407	10.86573	10.13091	7.14E-01	0.05501	0.0002	0.02347	0.79264	9.01E-01	0.069436	0.000173	0.013698	9.84E-01	0.888282	0.05972	0.000141	0.014549	0.962691
2711	490860.04	3859110.04	7.94009	12.96332	11.06346	9.55998	7.20E-01	0.05484	0.00021	0.02214	0.79674	9.08E-01	0.069218	0.000176	0.012926	9.90E-01	0.895242	0.059532	0.000144	0.013729	0.968647
2712	490360.04	3859160.04	7.67368	14.01897	10.0162	15.96398	6.95E-01	0.05931	0.00019	0.03698	0.79188	8.78E-01	0.074855	0.000159	0.021585	9.74E-01	0.865205	0.06438	0.00013	0.022925	0.95264
2713	490410.04	3859160.04	7.67709	14.14316	9.9513	15.38396	6.96E-01	0.05983	0.00019	0.03563	0.79137	8.78E-01	0.075518	0.000158	0.020801	9.75E-01	0.865589	0.064951	0.000129	0.022092	0.952761
2714	490460.04	3859160.04	7.66157	14.33485	10.00703	14.77778	6.94E-01	0.06064	0.00019	0.03423	0.78937	8.76E-01	0.076541	0.000159	0.019981	9.73E-01	0.863839	0.065831	0.00013	0.021222	0.951022
2715	490510.04	3859160.04	7.76009	14.12883	10.13693	14.12198	7.03E-01	0.05977	0.00019	0.03271	0.79591	8.88E-01	0.075441	0.000161	0.019094	9.82E-01	0.874947	0.064885	0.000132	0.02028	0.960244
2716	490560.04	3859160.04	7.8226	14.31897	10.29991	13.35877	7.09E-01	0.06058	0.00019	0.03094	0.80061	8.95E-01	0.076456	0.000164	0.018063	9.89E-01	0.881995	0.065758	0.000134	0.019184	0.967071
2717	490610.04	3859160.04	7.75044	14.07827	10.23175	12.91328	7.02E-01	0.05956	0.00019	0.02991	0.79202	8.86E-01	0.075171	0.000163	0.01746	9.79E-01	0.873859	0.064653	0.000133	0.018544	0.957189
2718	490660.04	3859160.04	7.79727	14.07194	10.18529	11.83816	7.07E-01	0.05953	0.00019	0.02742	0.79375	8.92E-01	0.075137	0.000162	0.016006	9.83E-01	0.87914	0.064624	0.000132	0.017	0.960896
2719	490710.04	3859160.04	7.80908	13.65547	10.4106	11.40944	7.08E-01	0.05777	0.00019	0.02643	0.79207	8.93E-01	0.072914	0.000165	0.015427	9.82E-01	0.880471	0.062711	0.000135	0.016385	0.959702
2720	490760.04	3859160.04	8.02322	14.37416	10.60064	10.55946	7.27E-01	0.06081	0.0002	0.02446	0.81255	9.18E-01	0.076751	0.000168	0.014278	1.01E+00	0.904615	0.066011	0.000138	0.015164	0.985928
2721	490810.04	3859160.04	8.0523	13.82954	10.55238	9.98556	7.30E-01	0.05851	0.0002	0.02313	0.81155	9.21E-01	0.073843	0.000168	0.013502	1.01E+00	0.907894	0.06351	0.000137	0.01434	0.985881
2722	490860.04	3859160.04	8.03117	13.38577	10.96756	9.3706	7.28E-01	0.05663	0.00021	0.0217	0.80634	9.19E-01	0.071474	0.000174	0.01267	1.00E+00	0.905512	0.061472	0.000142	0.013457	0.980583
2723	490360.04	3859210.04	7.71438	13.39041	9.84127	15.65047	6.99E-01	0.05665	0.00018	0.03625	0.79218	8.82E-01	0.071498	0.000156	0.021161	9.75E-01	0.869794	0.061494	0.000128	0.022475	0.95389
2724	490410.04	3859210.04	7.61154	13.60089	9.75808	15.54501	6.90E-01	0.05754	0.00018	0.03601	0.7835	8.71E-01	0.072622	0.000155	0.021019	9.64E-01	0.858199	0.06246	0.000127	0.022323	0.943109
2725	490460.04	3859210.04	7.58268	13.89692	9.81988	15.02136	6.87E-01	0.05879	0.00018	0.03479	0.78093	8.67E-01	0.074203	0.000156	0.020311	9.62E-01	0.854945	0.06382	0.000127	0.021571	0.940463
2726	490510.04	3859210.04	7.61757	13.86422	9.80682	14.44944	6.90E-01	0.05865	0.00018	0.03347	0.78262	8.71E-01	0.074028	0.000156	0.019537	9.65E-01	0.858878	0.06367	0.000127	0.02075	0.943426
2727	490560.04	3859210.04	7.65418	14.09735	9.88142	13.73065	6.94E-01	0.05964	0.00018	0.0318	0.78526	8.75E-01	0.075273	0.000157	0.018565	9.69E-01	0.863006	0.06474	0.000128	0.019718	0.947593
2728	490610.04	3859210.04	7.75608	13.79062	10.12755	12.94662	7.03E-01	0.05834	0.00019	0.02999	0.79139	8.87E-01	0.073635	0.000161	0.017505	9.78E-01	0.874495	0.063332	0.000131	0.018592	0.956551
2729	490660.04	3859210.04	7.82133	13.95158	10.31764	11.98332	7.09E-01	0.05902	0.00019	0.02776	0.79576	8.95E-01	0.074495	0.000164	0.016203	9.85E-01	0.881852	0.064071	0.000134	0.017209	0.963266
2730	490710.04	3859210.04	7.77317	13.69018	10.15294	11.334	7.04E-01	0.05792	0.00019	0.02625	0.78878	8.89E-01	0.073099	0.000161	0.015325	9.78E-01	0.876422	0.06287	0.000132	0.016276	0.955701
2731	490760.04	3859210.04	7.86686	14.89732	10.4343	10.52816	7.13E-01	0.06302	0.0002	0.02439	0.80052	9.00E-01	0.079545	0.000166	0.014235	9.94E-01	0.886986	0.068414	0.000135	0.015119	0.970654
2732	490810.04	3859210.04	7.90983	14.29066	10.50764	10.44351	7.17E-01	0.06046	0.0002	0.02419	0.80165	9.05E-01	0.076305	0.000167	0.014121	9.95E-01	0.891831	0.065628	0.000136	0.014997	0.972592
2733	490860.04	3859210.04	7.95219	13.96117	10.39278	10.2004	7.21E-01	0.05906	0.00019	0.02363	0.80353	9.10E-01	0.074546	0.000165	0.013792	9.98E-01	0.896607	0.064115	0.000135	0.014648	0.975505
2734	490360.04	3859260.04	7.79342	13.17311	9.96461	15.44477	7.06E-01	0.05573	0.00019	0.03577	0.79794	8.91E-01	0.070338	0.000158	0.020883	9.83E-01	0.878705	0.060496	0.000129	0.02218	0.96151
2735	490410.04	3859260.04	7.67813	13.11459	9.84566	15.05071	6.96E-01	0.05548	0.00018	0.03486	0.78633	8.78E-01	0.070026	0.000156	0.02035	9.69E-01	0.865707	0.060227	0.000128	0.021614	0.947675
2736	490460.04	3859260.04	7.56229	13.19621	9.59735	15.03288	6.85E-01	0.05583	0.00018	0.03482	0.77614	8.65E-01	0.070461	0.000153	0.020326	9.56E-01	0.852646	0.060602	0.000125	0.021588	0.93496
2737	490510.04	3859260.04	7.45459	13.42949	9.63972	14.82338	6.76E-01	0.05681	0.00018	0.03433	0.76688	8.53E-01	0.071707	0.000153	0.020043	9.45E-01	0.840502	0.061673	0.000125	0.021287	0.923588
2738	490560.04	3859260.04	7.49496	13.60807	9.56311	14.46051	6.79E-01	0.05757	0.00018	0.03349	0.77045	8.57E-01	0.072661	0.000152	0.019552	9.50E-01	0.845054	0.062493	0.000124	0.020766	0.928438
2739	490610.04	3859260.04	7.58175	13.55696	9.76791	13.52993	6.87E-01	0.05735	0.00018	0.03134	0.77595	8.67E-01	0.072388	0.000155	0.018294	9.58E-01	0.85484	0.062259	0.000127	0.01943	0.936655
2740	490660.04	3859260.04	7.59671	13.71151	9.74709	13.02269	6.88E-01	0.05801	0.00018	0.03016	0.77678	8.69E-01	0.073213	0.000155	0.017608	9.60E-01	0.856526	0.062968	0.000127	0.018701	0.938323
2741	490710.04	3859260.04	7.64805	13.43277	9.94482	12.5149	6.93E-01	0.05683	0.00019	0.02899	0.77908	8.75E-01	0.071725	0.000158	0.016922	9.64E-01	0.862315	0.061688	0.000129	0.017972	0.942104

2742	490760.04	3859260.04	7.68615	13.52488	10.12581	11.59918	6.97E-01	0.05722	0.00019	0.02687	0.78081	8.79E-01	0.072216	0.000161	0.015683	9.67E-01	0.866611	0.062111	0.000131	0.016657	0.945511
2743	490810.04	3859260.04	7.59804	13.26794	9.7903	11.31048	6.89E-01	0.05613	0.00018	0.0262	0.77106	8.69E-01	0.070844	0.000156	0.015293	9.55E-01	0.856676	0.060931	0.000127	0.016242	0.933977
2744	490860.04	3859260.04	7.6106	13.1428	9.90139	11.14769	6.90E-01	0.0556	0.00019	0.02582	0.77129	8.70E-01	0.070176	0.000157	0.015073	9.56E-01	0.858093	0.060357	0.000129	0.016009	0.934586
2745	490360.04	3859310.04	7.69338	12.78112	10.0673	15.64985	6.97E-01	0.05407	0.00019	0.03625	0.7877	8.80E-01	0.068245	0.00016	0.02116	9.70E-01	0.867426	0.058696	0.000131	0.022474	0.948726
2746	490410.04	3859310.04	7.71144	12.84442	9.82361	15.17377	6.99E-01	0.05434	0.00018	0.03515	0.78849	8.82E-01	0.068583	0.000156	0.020517	9.71E-01	0.869462	0.058986	0.000128	0.02179	0.950366
2747	490460.04	3859310.04	7.61467	12.87899	9.71303	14.83003	6.90E-01	0.05448	0.00018	0.03435	0.77907	8.71E-01	0.068768	0.000154	0.020052	9.60E-01	0.858551	0.059145	0.000126	0.021297	0.939119
2748	490510.04	3859310.04	7.48189	12.83645	9.42788	14.68751	6.78E-01	0.0543	0.00018	0.03402	0.76652	8.56E-01	0.06854	0.00015	0.019859	9.44E-01	0.843581	0.05895	0.000122	0.021092	0.923745
2749	490560.04	3859310.04	7.36811	12.96912	9.37824	14.5888	6.68E-01	0.05487	0.00018	0.03379	0.75655	8.43E-01	0.069249	0.000149	0.019726	9.32E-01	0.830752	0.059559	0.000122	0.02095	0.911383
2750	490610.04	3859310.04	7.3466	13.15401	9.42617	14.33849	6.66E-01	0.05565	0.00018	0.03321	0.7548	8.40E-01	0.070236	0.00015	0.019387	9.30E-01	0.828327	0.060408	0.000122	0.020591	0.909448
2751	490660.04	3859310.04	7.36246	13.21781	9.41811	14.12135	6.67E-01	0.05592	0.00018	0.03271	0.756	8.42E-01	0.070577	0.00015	0.019094	9.32E-01	0.830115	0.060701	0.000122	0.020279	0.911217
2752	490710.04	3859310.04	7.48816	13.17899	9.48572	13.11028	6.79E-01	0.05575	0.00018	0.03037	0.76489	8.56E-01	0.070369	0.000151	0.017727	9.45E-01	0.844287	0.060523	0.000123	0.018827	0.92376
2753	490760.04	3859310.04	7.52231	13.3045	9.61366	12.48062	6.82E-01	0.05628	0.00018	0.02891	0.76706	8.60E-01	0.07104	0.000153	0.016875	9.48E-01	0.848138	0.061099	0.000125	0.017923	0.927285
2754	490810.04	3859310.04	7.53088	13.05679	9.74942	12.18755	6.82E-01	0.05524	0.00018	0.02823	0.76611	8.61E-01	0.069717	0.000155	0.016479	9.48E-01	0.849104	0.059962	0.000127	0.017502	0.926694
2755	490860.04	3859310.04	7.45903	13.12379	9.70779	11.65914	6.76E-01	0.05552	0.00018	0.027	0.75866	8.53E-01	0.070075	0.000154	0.015764	9.39E-01	0.841003	0.060269	0.000126	0.016743	0.918142
2756	490360.04	3859360.04	7.69242	12.71408	10.16183	15.83243	6.97E-01	0.05379	0.00019	0.03667	0.78775	8.80E-01	0.067887	0.000162	0.021407	9.69E-01	0.867318	0.058388	0.000132	0.022736	0.948574
2757	490410.04	3859360.04	7.60906	12.57911	10.00814	15.36951	6.90E-01	0.05322	0.00019	0.0356	0.77855	8.70E-01	0.067166	0.000159	0.020781	9.58E-01	0.857919	0.057768	0.00013	0.022071	0.937888
2758	490460.04	3859360.04	7.62505	12.4971	9.64456	15.03602	6.91E-01	0.05287	0.00018	0.03483	0.77887	8.72E-01	0.066729	0.000153	0.02033	9.59E-01	0.859722	0.057391	0.000125	0.021593	0.938831
2759	490510.04	3859360.04	7.53733	12.42892	9.51691	14.76571	6.83E-01	0.05258	0.00018	0.0342	0.77001	8.62E-01	0.066364	0.000151	0.019965	9.49E-01	0.849831	0.057078	0.000124	0.021204	0.928237
2760	490560.04	3859360.04	7.4266	12.52555	9.42993	14.33402	6.73E-01	0.05299	0.00018	0.0332	0.75938	8.49E-01	0.06688	0.00015	0.019381	9.36E-01	0.837347	0.057522	0.000122	0.020584	0.915575
2761	490610.04	3859360.04	7.27821	12.54301	9.21639	14.40361	6.60E-01	0.05306	0.00017	0.03336	0.74616	8.32E-01	0.066974	0.000146	0.019475	9.19E-01	0.820616	0.057602	0.00012	0.020684	0.899022
2762	490660.04	3859360.04	7.23154	12.70151	9.26318	14.20293	6.55E-01	0.05373	0.00017	0.0329	0.74214	8.27E-01	0.06782	0.000147	0.019204	9.14E-01	0.815354	0.05833	0.00012	0.020396	0.8942
2763	490710.04	3859360.04	7.275	12.86081	9.19035	13.6901	6.59E-01	0.05441	0.00017	0.03171	0.74556	8.32E-01	0.068671	0.000146	0.018511	9.19E-01	0.820254	0.059062	0.000119	0.01966	0.899094
2764	490760.04	3859360.04	7.27856	12.92397	9.34515	13.25724	6.60E-01	0.05467	0.00017	0.03071	0.74515	8.33E-01	0.069008	0.000149	0.017925	9.20E-01	0.820655	0.059352	0.000121	0.019038	0.899166
2765	490810.04	3859360.04	7.29419	12.80477	9.2105	12.72611	6.61E-01	0.05417	0.00017	0.02948	0.74483	8.34E-01	0.068371	0.000146	0.017207	9.20E-01	0.822417	0.058804	0.00012	0.018275	0.899617
2766	490860.04	3859360.04	7.36767	12.89368	9.44029	12.37426	6.68E-01	0.05455	0.00018	0.02866	0.75106	8.43E-01	0.068846	0.00015	0.016731	9.28E-01	0.830702	0.059213	0.000123	0.01777	0.907807
2767	490360.04	3859410.04	7.76061	12.46295	9.67447	15.45084	7.03E-01	0.05272	0.00018	0.03579	0.79198	8.88E-01	0.066546	0.000154	0.020891	9.75E-01	0.875006	0.057234	0.000126	0.022188	0.954554
2768	490410.04	3859410.04	7.68685	12.56812	9.91025	15.78519	6.97E-01	0.05317	0.00019	0.03656	0.78652	8.79E-01	0.067108	0.000158	0.021343	9.68E-01	0.86669	0.057717	0.000129	0.022668	0.947204
2769	490460.04	3859410.04	7.53224	12.29234	9.9763	15.17197	6.83E-01	0.052	0.00019	0.03514	0.76992	8.62E-01	0.065635	0.000159	0.020514	9.48E-01	0.849257	0.056451	0.000129	0.021788	0.927626
2770	490510.04	3859410.04	7.4955	12.15865	9.58049	15.02872	6.79E-01	0.05144	0.00018	0.03481	0.76568	8.57E-01	0.064921	0.000152	0.02032	9.43E-01	0.845115	0.055837	0.000124	0.021582	0.922658
2771	490560.04	3859410.04	7.45803	12.17843	9.36591	14.57442	6.76E-01	0.05152	0.00018	0.03376	0.76132	8.53E-01	0.065027	0.000149	0.019706	9.38E-01	0.84089	0.055928	0.000122	0.02093	0.917869
2772	490610.04	3859410.04	7.36335	12.15794	9.26461	14.26429	6.67E-01	0.05143	0.00017	0.03304	0.75193	8.42E-01	0.064918	0.000147	0.019287	9.27E-01	0.830215	0.055834	0.00012	0.020484	0.906653
2773	490660.04	3859410.04	7.23068	12.17907	9.00587	13.94444	6.55E-01	0.05152	0.00017	0.0323	0.73925	8.27E-01	0.06503	0.000143	0.018854	9.11E-01	0.815257	0.055931	0.000117	0.020025	0.891329
2774	490710.04	3859410.04	7.10166	12.19073	8.96639	14.03156	6.44E-01	0.05157	0.00017	0.0325	0.72781	8.12E-01	0.065093	0.000143	0.018972	8.96E-01	0.80071	0.055984	0.000116	0.02015	0.876961
2775	490760.04	3859410.04	7.16601	12.43503	9.06765	13.56907	6.49E-01	0.05261	0.00017	0.03143	0.7336	8.20E-01	0.066397	0.000144	0.018347	9.05E-01	0.807965	0.057106	0.000118	0.019486	0.884675
2776	490810.04	3859410.04	7.13826	12.49439	9.06211	13.37716	6.47E-01	0.05286	0.00017	0.03098	0.7309	8.16E-01	0.066714	0.000144	0.018087	9.01E-01	0.804836	0.057379	0.000118	0.01921	0.881543
2777	490860.04	3859410.04	7.09425	12.53944	9.03966	13.08347	6.43E-01	0.05305	0.00017	0.0303	0.72642	8.11E-01	0.066955	0.000144	0.01769	8.96E-01	0.799874	0.057586	0.000117	0.018789	0.876366
2778	490360.04	3859460.04	7.7119	12.38462	9.35699	15.5613	6.99E-01	0.05239	0.00018	0.03604	0.78748	8.82E-01	0.066128	0.000149	0.021041	9.69E-01	0.869514	0.056875	0.000121	0.022347	0.948857
2779	490410.04	3859460.04	7.68547	12.11998	9.36048	15.02618	6.96E-01	0.05127	0.00018	0.0348	0.78273	8.79E-01	0.064715	0.000149	0.020317	9.64E-01	0.866534	0.055659	0.000122	0.021578	0.943893
2780	490460.04	3859460.04	7.65329	12.27265	9.61255	15.36381	6.94E-01	0.05192	0.00018	0.03559	0.78124	8.75E-01	0.06553	0.000153	0.020774	9.62E-01	0.862906	0.056361	0.000125	0.022063	0.941454
2781	490510.04	3859460.04	7.44385	12.167	9.77286	15.12727	6.75E-01	0.05147	0.00018	0.03504	0.76127	8.51E-01	0.064966	0.000155	0.020454	9.37E-01	0.839292	0.055875	0.000127	0.021724	0.917017
2782	490560.04	3859460.04	7.42935	11.92217	9.51227	14.70984	6.73E-01	0.05044	0.00018	0.03407	0.75795	8.50E-01	0.063659	0.000151	0.019889	9.33E-01	0.837657	0.054751	0.000123	0.021124	0.913655
2783	490610.04	3859460.04	7.38006	11.80932	9.23239	14.39536	6.69E-01	0.04996	0.00017	0.03334	0.75227	8.44E-01	0.063056	0.000147	0.019464	9.27E-01	0.832099	0.054233	0.00012	0.020672	0.907124
2784	490660.04	3859460.04	7.28623	11.8152	9.10854	14.20635	6.60E-01	0.04998	0.00017	0.0329	0.74335	8.33E-01	0.063088	0.000145	0.019209	9.16E-01	0.82152	0.05426	0.000118	0.020401	0.896299
2785	490710.04	3859460.04	7.18007	11.86853	9.01506	13.79392	6.51E-01	0.05021	0.00017	0.03195	0.733	8.21E-01	0.063372	0.000143	0.018651	9.03E-01	0.80955	0.054505	0.000117	0.019809	0.883981
2786	490760.04	3859460.04	7.00533	11.83207	8.82614	13.73215	6.35E-01	0.05006	0.00017	0.03181	0.71686	8.01E-01	0.063178	0.00014	0.018567	8.83E-01	0.789849	0.054337	0.000115	0.01972	0.86402
2787	490810.04	3859460.04	7.00791	11.85632	8.88883	13.70222	6.35E-01	0.05016	0.00017	0.03174	0.71713	8.02E-01	0.063307	0.000141	0.018527	8.84E-01	0.790139	0.054449	0.000115	0.019677	0.864381
2788	490860.04	3859460.04	7.00881	12.03574	8.80965	13.38153	6.35E-01	0.05092	0.00016	0.03099	0.71723	8.02E-01	0.064265	0.00014	0.018093	8.84E-01	0.790241	0.055273	0.000114	0.019217	0.864844
2789	490360.04	3859510.04	7.79649	12.08222	9.03845	14.86158	7.07E-01	0.05111	0.00017	0.03442	0.79224	8.92E-01	0.064513	0.000144	0.020094	9.77E-01	0.879052	0.055486	0.000117	0.021342	0.955997
2790	490410.04	3859510.04	7.68142	12.16314	9.10332	14.84745	6.96E-01	0.05146	0.00017	0.03439	0.78212	8.79E-01	0.064945	0.000145	0.020075	9.64E-01	0.866077	0.055858	0.000118	0.021322	0.943375
2791	490460.04	3859510.04	7.61432	11.93106	9.22672	14.9238	6.90E-01	0.05047	0.00017	0.03457	0.77524	8.71E-01	0.063706	0.000147	0.020179	9.55E-01	0.858512	0.054792	0.00012	0.021431	0.934855
2792	490510.04	3859510.04	7.56647	11.90602	9.32502	14.77856	6.86E-01	0.05037	0.00017	0.03423	0.77046	8.65E-01	0.063572	0.000148	0.019982	9.49E-01	0.853117	0.054677	0.000121	0.021223	0.929138
2793	490560.04	3859510.04	7.39879	12.01793	9.51505	15.07239	6.70E-01	0.05084	0.00018	0.03491	0.75642	8.46E-01	0.06417	0.000151	0.02038	9.31E-01	0.834211	0.055191	0.000124	0.021645	0.91117
2794	490610.04	3859510.04	7.37154	11.67003	9.50791	14.58171	6.68E-01	0.04937	0.00018	0.03377	0.75135	8.43E-01	0.062312	0.000151	0.019716	9.25E-01	0.831139	0.053593	0.000123	0.02094	0.905795
2795	490660.04	3859510.04	7.32518	11.61852	9.12959	14.36732	6.64E-01	0.04915	0.00017	0.03328	0.74642	8.38E-01	0.062037	0.000145	0.019426	9.19E-01	0.825912	0.053357	0.000119	0.020632	0.900019
2796	490710.04	3859510.04	7.20712	11.58396	8.97775	13.93359	6.53E-01	0.04901	0.00017	0.03227	0.73457	8.24E-01	0.061853	0.000143	0.01884	9.05E-01	0.8126	0.053198	0.000117	0.020009	0.885924
2797	490760.04	3859510.04	7.15526	11.51976	8.88966	13.71541	6.48E-01	0.04873	0.00017	0.03177	0.72909	8.18E-01	0.06151	0.000141	0.018545	8.99E-01	0.806753	0.052903	0.000115	0.019696	0.879468
2798	490810.04	3859510.04	6.96618	11.55187	8.62253	13.35445	6.31E-01	0.04887	0.00016	0.03093	0.71125	7.97E-01	0.061681	0.000137	0.018057	8.77E-01	0.785434	0.05305	0.000112	0.019178	0.857775
2799	490860.04	3859510.04	6.88454	11.56877	8.56381	13.5149	6.24E-01	0.04894	0.00016	0.0313	0.7043	7.87E-01	0.061772	0.000136	0.018274	8.68E-01	0.77623	0.053128	0.000111	0.019408	0.848877
2800	490360.04	3859560.04	7.81325	11.84511	8.89732	14.58221	7.08E-01	0.05011	0.00017	0.03378	0.79211	8.94E-01	0.063247	0.000141	0.019717	9.77E-01	0.880941	0.054397	0.000115	0.020941	0.956395
2801	490410.04	3859560.04	7.70622	11.88995	8.85398	14.55178	6.98E-01	0.0503	0.00017	0.0337	0.78252	8.81E-01	0.063487	0.000141	0.019676	9.65E-01	0.868874	0.054603	0.000115	0.020897	0.944489
2802	490460.04	3859560.04	7.59931	11.94743	8.87503	14.6192	6.89E-01	0.05054	0.00017	0.03386	0.77324	8.69E-01	0.063794	0.000141	0.019767	9.53E-01	0.85682	0.054867	0.000115	0.020994	0.932796

2803	490510.04	3859560.04	7.55339	11.8196	9.02423	14.79154	6.85E-01	0.05	0.00017	0.03426	0.76894	8.64E-01	0.063111	0.000143	0.02	9.47E-01	0.851642	0.05428	0.000117	0.021241	0.927281
2804	490560.04	3859560.04	7.5207	11.60506	9.03203	14.25336	6.82E-01	0.0491	0.00017	0.03301	0.76382	8.60E-01	0.061965	0.000144	0.019272	9.42E-01	0.847956	0.053295	0.000117	0.020469	0.921837
2805	490610.04	3859560.04	7.39508	11.7306	9.22664	14.70604	6.70E-01	0.04963	0.00017	0.03406	0.75402	8.46E-01	0.062636	0.000147	0.019884	9.29E-01	0.833793	0.053871	0.00012	0.021119	0.908902
2806	490660.04	3859560.04	7.29965	11.64407	9.33273	14.49175	6.62E-01	0.04926	0.00017	0.03357	0.74451	8.35E-01	0.062174	0.000148	0.019594	9.17E-01	0.823033	0.053474	0.000121	0.020811	0.897439
2807	490710.04	3859560.04	7.2624	11.32388	9.07257	14.09078	6.58E-01	0.04791	0.00017	0.03264	0.73885	8.31E-01	0.060464	0.000144	0.019052	9.10E-01	0.818833	0.052003	0.000118	0.020235	0.891189
2808	490760.04	3859560.04	7.14873	11.23675	8.86572	13.82041	6.48E-01	0.04754	0.00017	0.03201	0.72755	8.18E-01	0.059999	0.000141	0.018687	8.96E-01	0.806017	0.051603	0.000115	0.019847	0.877582
2809	490810.04	3859560.04	7.06776	11.25219	8.73571	13.60062	6.40E-01	0.0476	0.00016	0.0315	0.71976	8.08E-01	0.060081	0.000139	0.01839	8.87E-01	0.796888	0.051674	0.000113	0.019531	0.868206
2810	490860.04	3859560.04	6.95982	11.25619	8.64689	13.28043	6.31E-01	0.04762	0.00016	0.03076	0.70925	7.96E-01	0.060103	0.000137	0.017957	8.74E-01	0.784717	0.051693	0.000112	0.019071	0.855594
2811	490187.25	3859422.08	8.0655	12.53752	9.43482	15.50028	7.31E-01	0.05304	0.00018	0.0359	0.82003	9.23E-01	0.066944	0.00015	0.020958	1.01E+00	0.909382	0.057577	0.000122	0.022259	0.989341
2812	490237.25	3859422.08	7.95886	12.52345	9.42181	15.3912	7.21E-01	0.05298	0.00018	0.03565	0.81005	9.10E-01	0.066869	0.00015	0.020811	9.98E-01	0.897359	0.057512	0.000122	0.022103	0.977096
2813	490287.25	3859422.08	7.84788	12.57473	9.41825	15.98058	7.11E-01	0.0532	0.00018	0.03701	0.80158	8.98E-01	0.067143	0.00015	0.021607	9.87E-01	0.884846	0.057748	0.000122	0.022949	0.965665
2814	490337.25	3859422.08	7.76823	12.38389	9.58776	15.52407	7.04E-01	0.05239	0.00018	0.03596	0.7925	8.89E-01	0.066124	0.000152	0.02099	9.76E-01	0.875865	0.056871	0.000124	0.022293	0.955155
2815	490187.25	3859472.08	8.30461	12.50121	9.23978	15.47181	7.53E-01	0.05289	0.00017	0.03584	0.84148	9.50E-01	0.06675	0.000147	0.02092	1.04E+00	0.936342	0.05741	0.00012	0.022218	1.01609
2816	490237.25	3859472.08	8.07824	12.32091	9.22687	15.18895	7.32E-01	0.05212	0.00017	0.03518	0.81954	9.24E-01	0.065788	0.000147	0.020537	1.01E+00	0.910819	0.056582	0.00012	0.021812	0.989333
2817	490287.25	3859472.08	7.88901	12.3577	9.24346	15.06711	7.15E-01	0.05228	0.00017	0.0349	0.80227	9.02E-01	0.065984	0.000147	0.020372	9.89E-01	0.889483	0.056751	0.00012	0.021637	0.967991
2818	490337.25	3859472.08	7.80956	12.40506	9.18245	15.10472	7.08E-01	0.05248	0.00017	0.03499	0.79536	8.93E-01	0.066237	0.000146	0.020423	9.80E-01	0.880525	0.056969	0.000119	0.021691	0.959304
2819	490297.07	3859500.42	7.87529	12.15215	9.15467	15.00687	7.14E-01	0.05141	0.00017	0.03476	0.80002	9.01E-01	0.064887	0.000145	0.020291	9.86E-01	0.887936	0.055807	0.000119	0.021551	0.965413
2820	490327.07	3859500.42	7.83867	12.18902	9.10429	14.90622	7.10E-01	0.05157	0.00017	0.03453	0.79662	8.97E-01	0.065084	0.000145	0.020155	9.82E-01	0.883807	0.055977	0.000118	0.021406	0.961308
2821	490297.07	3859530.42	8.06043	12.16628	9.0127	14.91121	7.30E-01	0.05147	0.00017	0.03454	0.81663	9.22E-01	0.064962	0.000143	0.020162	1.01E+00	0.908811	0.055872	0.000117	0.021413	0.986213
2822	490327.07	3859530.42	7.84688	11.9522	9.00117	14.71197	7.11E-01	0.05056	0.00017	0.03408	0.79591	8.98E-01	0.063819	0.000143	0.019892	9.81E-01	0.884733	0.054889	0.000117	0.021127	0.960866
2823	490319.73	3859055.34	7.80688	14.62666	10.42424	15.97055	7.07E-01	0.06188	0.0002	0.03699	0.80654	8.93E-01	0.078099	0.000166	0.021594	9.93E-01	0.880223	0.067171	0.000135	0.022935	0.970464
2824	490319.73	3859105.34	7.76003	14.30219	10.09349	16.07429	7.03E-01	0.06051	0.00019	0.03723	0.80116	8.88E-01	0.076367	0.00016	0.021734	9.86E-01	0.874941	0.065681	0.000131	0.023084	0.963836
2825	490069.73	3859155.34	8.17562	13.71463	11.01368	16.64743	7.41E-01	0.05802	0.00021	0.03856	0.83768	9.35E-01	0.07323	0.000175	0.022509	1.03E+00	0.921798	0.062983	0.000143	0.023907	1.008831
2826	490119.73	3859155.34	7.99772	13.59748	10.82534	16.40879	7.25E-01	0.05752	0.0002	0.03801	0.8205	9.15E-01	0.072604	0.000172	0.022186	1.01E+00	0.90174	0.062445	0.000141	0.023564	0.987889
2827	490269.73	3859155.34	7.84692	13.59318	10.09924	16.20757	7.11E-01	0.05751	0.00019	0.03754	0.80634	8.98E-01	0.072581	0.000161	0.021914	9.92E-01	0.884738	0.062425	0.000131	0.023275	0.970568
2828	490319.73	3859155.34	7.74753	13.87049	9.92819	16.18341	7.02E-01	0.05868	0.00019	0.03748	0.79845	8.86E-01	0.074062	0.000158	0.021882	9.82E-01	0.873531	0.063698	0.000129	0.02324	0.960599
2829	490069.73	3859205.34	8.17995	13.51122	10.51399	16.95728	7.41E-01	0.05716	0.0002	0.03928	0.83792	9.36E-01	0.072143	0.000167	0.022928	1.03E+00	0.922287	0.062049	0.000136	0.024352	1.008823
2830	490119.73	3859205.34	8.10039	13.44665	10.74104	16.59689	7.34E-01	0.05689	0.0002	0.03844	0.8296	9.27E-01	0.071799	0.000171	0.022441	1.02E+00	0.913316	0.061752	0.000139	0.023834	0.999042
2831	490169.73	3859205.34	7.88065	13.33212	10.76614	16.19092	7.14E-01	0.0564	0.0002	0.0375	0.80827	9.01E-01	0.071187	0.000171	0.021892	9.95E-01	0.888541	0.061226	0.00014	0.023251	0.973157
2832	490219.73	3859205.34	7.84642	13.32854	10.38228	16.07448	7.11E-01	0.05639	0.00019	0.03723	0.80487	8.97E-01	0.071168	0.000165	0.021734	9.91E-01	0.884681	0.06121	0.000135	0.023084	0.969109
2833	490269.73	3859205.34	7.88334	13.41574	10.17739	15.89504	7.14E-01	0.05676	0.00019	0.03682	0.80817	9.02E-01	0.071634	0.000162	0.021492	9.95E-01	0.888844	0.06161	0.000132	0.022826	0.973412
2834	490319.73	3859205.34	7.76899	13.38199	10.04194	15.70422	7.04E-01	0.05661	0.00019	0.03637	0.79722	8.89E-01	0.071453	0.00016	0.021234	9.81E-01	0.875951	0.061455	0.00013	0.022552	0.960088
2835	490069.73	3859255.34	8.17605	13.38732	10.13345	16.78194	7.41E-01	0.05664	0.00019	0.03887	0.83663	9.35E-01	0.071482	0.000161	0.022691	1.03E+00	0.921847	0.06148	0.000132	0.0241	1.007558
2836	490119.73	3859255.34	8.09695	13.17893	10.20111	16.39905	7.34E-01	0.05575	0.00019	0.03798	0.82769	9.26E-01	0.070369	0.000162	0.022173	1.02E+00	0.912928	0.060523	0.000132	0.02355	0.997133
2837	490169.73	3859255.34	8.02158	13.32087	10.44768	16.63524	7.27E-01	0.05635	0.0002	0.03853	0.82201	9.17E-01	0.071127	0.000166	0.022493	1.01E+00	0.90443	0.061174	0.000136	0.023889	0.989629
2838	490219.73	3859255.34	7.86923	13.15027	10.58199	16.08183	7.13E-01	0.05563	0.0002	0.03725	0.80621	9.00E-01	0.070216	0.000168	0.021744	9.92E-01	0.887253	0.060391	0.000137	0.023094	0.970876
2839	490269.73	3859255.34	7.78894	13.05162	10.32857	15.93505	7.06E-01	0.05522	0.00019	0.03691	0.79817	8.91E-01	0.069689	0.000164	0.021546	9.82E-01	0.8782	0.059938	0.000134	0.022884	0.961156
2840	490319.73	3859255.34	7.8052	13.09458	10.06252	15.63244	7.07E-01	0.0554	0.00019	0.03621	0.79912	8.93E-01	0.069919	0.00016	0.021137	9.84E-01	0.880034	0.060135	0.000131	0.022449	0.962748
2841	490069.73	3859305.34	8.16987	13.15808	9.96511	16.10407	7.40E-01	0.05567	0.00019	0.0373	0.83352	9.34E-01	0.070258	0.000158	0.021774	1.03E+00	0.92115	0.060427	0.000129	0.023126	1.004832
2842	490119.73	3859305.34	8.1329	13.19924	9.85034	16.04846	7.37E-01	0.05584	0.00018	0.03717	0.83022	9.30E-01	0.070478	0.000157	0.021699	1.02E+00	0.916982	0.060616	0.000128	0.023046	1.000772
2843	490169.73	3859305.34	8.01783	12.95188	10.02382	16.11267	7.27E-01	0.05479	0.00019	0.03732	0.81889	9.17E-01	0.069157	0.000159	0.021786	1.01E+00	0.904008	0.05948	0.00013	0.023139	0.986756
2844	490219.73	3859305.34	7.95427	13.02413	10.13681	16.35375	7.21E-01	0.0551	0.00019	0.03788	0.814	9.10E-01	0.069543	0.000161	0.022112	1.00E+00	0.896841	0.059812	0.000132	0.023485	0.980269
2845	490269.73	3859305.34	7.88431	13.00953	10.37461	16.22401	7.14E-01	0.05504	0.00019	0.03758	0.8073	9.02E-01	0.069465	0.000165	0.021937	9.93E-01	0.888953	0.059745	0.000135	0.023299	0.972131
2846	490319.73	3859305.34	7.72451	12.89008	10.38165	15.69461	7.00E-01	0.05453	0.00019	0.03635	0.79109	8.84E-01	0.068827	0.000165	0.021221	9.74E-01	0.870936	0.059196	0.000135	0.022538	0.952805
2847	490069.73	3859355.34	8.38493	13.02764	9.70998	15.96349	7.60E-01	0.05511	0.00018	0.03697	0.85213	9.59E-01	0.069561	0.000154	0.021584	1.05E+00	0.945398	0.059828	0.000126	0.022924	1.028276
2848	490119.73	3859355.34	8.11224	12.94981	9.72359	15.83425	7.35E-01	0.05478	0.00018	0.03668	0.82679	9.28E-01	0.069146	0.000155	0.02141	1.02E+00	0.914652	0.05947	0.000126	0.022739	0.996988
2849	490169.73	3859355.34	8.07273	12.98184	9.62552	15.79981	7.32E-01	0.05492	0.00018	0.0366	0.82326	9.23E-01	0.069317	0.000153	0.021363	1.01E+00	0.910198	0.059617	0.000125	0.022689	0.992629
2850	490219.73	3859355.34	7.94571	12.86893	9.7713	16.07079	7.20E-01	0.05444	0.00018	0.03722	0.8119	9.09E-01	0.068714	0.000155	0.021729	9.99E-01	0.895876	0.059099	0.000127	0.023078	0.97818
2851	490269.73	3859355.34	7.88148	12.7134	9.80786	15.73984	7.14E-01	0.05378	0.00018	0.03646	0.80466	9.01E-01	0.067883	0.000156	0.021282	9.91E-01	0.888634	0.058385	0.000127	0.022603	0.969749
2852	490319.73	3859355.34	7.8503	12.87023	10.09571	16.16214	7.11E-01	0.05445	0.00019	0.03743	0.80348	8.98E-01	0.068721	0.00016	0.021853	9.89E-01	0.885119	0.059105	0.000131	0.02321	0.967564
2853	490069.73	3859405.34	8.43028	12.80194	9.55906	15.78896	7.64E-01	0.05416	0.00018	0.03657	0.85488	9.64E-01	0.068356	0.000152	0.021348	1.05E+00	0.950511	0.058791	0.000124	0.022674	1.0321
2854	490119.73	3859405.34	8.35384	12.84449	9.52466	15.83408	7.57E-01	0.05434	0.00018	0.03667	0.84823	9.55E-01	0.068583	0.000151	0.021409	1.05E+00	0.941893	0.058987	0.000124	0.022739	1.023741
2855	490169.73	3859405.34	8.07565	12.66188	9.52366	15.62479	7.32E-01	0.05357	0.00018	0.03619	0.82177	9.24E-01	0.067608	0.000151	0.021126	1.01E+00	0.910527	0.058148	0.000124	0.022438	0.991236
2856	490219.73	3859405.34	7.98527	12.63541	9.4781	15.50683	7.24E-01	0.05345	0.00018	0.03592	0.81319	9.13E-01	0.067467	0.000151	0.020967	1.00E+00	0.900336	0.058026	0.000123	0.022269	0.980755
2857	490269.73	3859405.34	7.87187	12.65852	9.50961	16.04662	7.13E-01	0.05355	0.00018	0.03717	0.80426	9.00E-01	0.06759	0.000151	0.021697	9.90E-01	0.887551	0.058133	0.000123	0.023044	0.968851
2858	490319.73	3859405.34	7.80248	12.43595	9.63369	15.58708	7.07E-01	0.05261	0.00018	0.0361	0.79597	8.92E-01	0.066402	0.000153	0.021075	9.80E-01	0.879727	0.057111	0.000125	0.022384	0.959346
2859	490161.89	3859541.83	8.38142	11.87153	9.35524	14.99375	7.60E-01	0.05022	0.00018	0.03473	0.84467	9.59E-01	0.063388	0.000149	0.020273	1.04E+00	0.945002	0.054518	0.000121	0.021532	1.021174
2860	490171.89	3859541.83	8.36035	11.9777	9.29523	14.95373	7.58E-01	0.05067	0.00017	0.03464	0.84311	9.56E-01	0.063955	0.000148	0.020219	1.04E+00	0.942627	0.055006	0.000121	0.021474	1.019228
2861	490161.89	3859551.83	8.38316	11.70363	9.42043	14.93253	7.60E-01	0.04951	0.00018	0.03459	0.84397	9.59E-01	0.062492	0.00015	0.02019	1.04E+00	0.945198	0.053747	0.000122	0.021444	1.020512
2862	490171.89	3859551.83	8.3647	11.78586	9.33813	14.9344	7.58E-01	0.04986	0.00017	0.03459	0.84265	9.57E-01	0.062931	0.000148	0.020193	1.04E+00	0.943117	0.054125	0.000121	0.021447	1.01881
2863	489799.72	3859348.21	9.11001	12.96236	10.14204	16.44538	8.26E-01	0.05484	0.00019	0.03809	0.91869	1.04E+00	0.069213	0.000161	0.022236	1.13E+00	1.027151	0.059528	0.000132	0.023616	1.110427

2864	489819.72	3859348.21	9.00033	12.82637	10.11021	16.19742	8.16E-01	0.05426	0.00019	0.03752	0.9076	1.03E+00	0.068487	0.000161	0.021901	1.12E+00	1.014784	0.058903	0.000131	0.02326	1.097079
2865	489799.72	3859368.21	9.24305	12.9972	10.15549	16.74031	8.38E-01	0.05498	0.00019	0.03877	0.93157	1.06E+00	0.069399	0.000161	0.022635	1.15E+00	1.042151	0.059688	0.000132	0.02404	1.12601
2866	489819.72	3859368.21	9.1302	12.91346	10.08134	16.43296	8.27E-01	0.05463	0.00019	0.03806	0.92028	1.04E+00	0.068952	0.00016	0.022219	1.14E+00	1.029427	0.059303	0.000131	0.023599	1.11246
2867	489775.41	3859329.72	9.1176	13.0151	10.1744	16.54096	8.26E-01	0.05506	0.00019	0.03831	0.91982	1.04E+00	0.069494	0.000162	0.022365	1.13E+00	1.028006	0.05977	0.000132	0.023754	1.111662
2868	489795.41	3859329.72	9.00327	12.89173	10.16655	16.29007	8.16E-01	0.05454	0.00019	0.03773	0.90836	1.03E+00	0.068836	0.000162	0.022026	1.12E+00	1.015116	0.059204	0.000132	0.023393	1.097845
2869	489775.41	3859349.72	9.25548	13.06224	10.22238	16.83652	8.39E-01	0.05526	0.00019	0.039	0.9332	1.06E+00	0.069746	0.000162	0.022765	1.15E+00	1.043552	0.059987	0.000133	0.024178	1.12785
2870	489795.41	3859349.72	9.1448	12.97756	10.13416	16.53206	8.29E-01	0.0549	0.00019	0.03829	0.9221	1.05E+00	0.069294	0.000161	0.022353	1.14E+00	1.031073	0.059598	0.000132	0.023741	1.114543
2871	489595.05	3859219.43	9.40662	13.42078	10.39525	17.46187	8.52E-01	0.05678	0.00019	0.04045	0.94986	1.08E+00	0.071661	0.000165	0.02361	1.17E+00	1.060593	0.061633	0.000135	0.025076	1.147437
2872	489615.05	3859219.43	9.23074	13.3097	10.42518	17.20452	8.37E-01	0.05631	0.0002	0.03985	0.93286	1.06E+00	0.071067	0.000166	0.023262	1.15E+00	1.040763	0.061123	0.000135	0.024707	1.126728
2873	489595.05	3859239.43	9.62338	13.53653	10.32274	17.46602	8.72E-01	0.05727	0.00019	0.04045	0.97001	1.10E+00	0.072279	0.000164	0.023616	1.20E+00	1.085033	0.062165	0.000134	0.025082	1.172414
2874	489615.05	3859239.43	9.44228	13.44733	10.37758	17.41498	8.56E-01	0.05689	0.00019	0.04034	0.9531	1.08E+00	0.071802	0.000165	0.023547	1.18E+00	1.064614	0.061755	0.000135	0.025009	1.151513
2875	489372.4	3859092.58	10.20304	13.66397	10.25918	18.07964	9.25E-01	0.05781	0.00019	0.04188	1.02449	1.17E+00	0.072959	0.000163	0.024446	1.26E+00	1.150389	0.06275	0.000133	0.025963	1.239236
2876	489422.4	3859092.58	9.35269	13.22685	9.96466	17.4167	8.48E-01	0.05596	0.00019	0.04034	0.94404	1.07E+00	0.070625	0.000158	0.023549	1.16E+00	1.054513	0.060743	0.000129	0.025011	1.140396
2877	489372.4	3859142.58	11.06383	14.40639	10.93713	19.45272	1.00E+00	0.06095	0.0002	0.04506	1.10883	1.27E+00	0.076923	0.000174	0.026302	1.37E+00	1.247443	0.066159	0.000142	0.027935	1.34168
2878	489422.4	3859142.58	10.31898	13.83201	10.52352	18.23438	9.35E-01	0.05852	0.0002	0.04223	1.03608	1.18E+00	0.073856	0.000167	0.024655	1.28E+00	1.163461	0.063522	0.000137	0.026186	1.253305
2879	488870.84	3858666.64	10.75749	18.06813	13.25319	25.48151	9.75E-01	0.07644	0.00025	0.05902	1.11057	1.23E+00	0.096475	0.000211	0.034454	1.36E+00	1.212903	0.082976	0.000172	0.036593	1.332644
2880	488900.84	3858666.64	10.09897	16.4663	11.98806	23.00953	9.15E-01	0.06966	0.00022	0.05329	1.03837	1.16E+00	0.087922	0.000191	0.031111	1.27E+00	1.138655	0.075619	0.000156	0.033043	1.247473
2881	488870.84	3858696.64	11.35152	18.44101	13.61743	26.23367	1.03E+00	0.07801	0.00025	0.06076	1.16773	1.30E+00	0.098466	0.000216	0.035471	1.43E+00	1.27988	0.084688	0.000177	0.037673	1.402418
2882	488900.84	3858696.64	10.81797	17.85261	13.17012	25.15889	9.80E-01	0.07553	0.00025	0.05827	1.11439	1.24E+00	0.095324	0.000209	0.034018	1.37E+00	1.219722	0.081986	0.000171	0.036129	1.338009
2883	488889.67	3858683.97	10.76139	17.92133	13.16606	25.20573	9.75E-01	0.07582	0.00025	0.05838	1.10966	1.23E+00	0.095691	0.000209	0.034081	1.36E+00	1.213343	0.082301	0.000171	0.036197	1.332012
2884	488919.67	3858683.97	10.08851	16.28147	11.89779	22.7198	9.14E-01	0.06888	0.00022	0.05262	1.03597	1.15E+00	0.086935	0.000189	0.03072	1.27E+00	1.137476	0.074771	0.000154	0.032627	1.245028
2885	488889.67	3858713.97	11.36285	18.32205	13.53567	25.97353	1.03E+00	0.07751	0.00025	0.06016	1.16765	1.30E+00	0.097831	0.000215	0.035119	1.43E+00	1.281157	0.084142	0.000176	0.037299	1.402774
2886	488919.67	3858713.97	10.86209	17.70935	13.08379	24.87956	9.84E-01	0.07492	0.00024	0.05763	1.11714	1.24E+00	0.094559	0.000208	0.03364	1.37E+00	1.224697	0.081328	0.00017	0.035728	1.341923
2887	488906.61	3858703.33	10.86131	17.82011	13.1738	25.08106	9.84E-01	0.07539	0.00025	0.05809	1.118	1.24E+00	0.095151	0.000209	0.033912	1.37E+00	1.224609	0.081837	0.000171	0.036018	1.342634
2888	488936.61	3858703.33	10.2559	16.39486	12.00649	22.82949	9.29E-01	0.06936	0.00022	0.05288	1.05187	1.17E+00	0.087541	0.000191	0.030868	1.29E+00	1.156349	0.075291	0.000156	0.032784	1.264581
2889	488906.61	3858733.33	11.46161	18.24138	13.44776	25.75557	1.04E+00	0.07717	0.00025	0.05965	1.17575	1.31E+00	0.0974	0.000214	0.034824	1.44E+00	1.292293	0.083771	0.000175	0.036986	1.413225
2890	488936.61	3858733.33	10.99701	17.62818	13.07566	24.69445	9.97E-01	0.07458	0.00024	0.0572	1.12859	1.26E+00	0.094126	0.000208	0.03339	1.39E+00	1.239909	0.080955	0.00017	0.035463	1.356497
2891	488637.63	3858467.85	11.12299	20.00465	14.6501	29.52704	1.01E+00	0.08463	0.00027	0.06839	1.16128	1.27E+00	0.106815	0.000233	0.039924	1.42E+00	1.254113	0.091869	0.00019	0.042402	1.388575
2892	488662.63	3858467.85	10.80743	19.18934	14.03659	27.93032	9.79E-01	0.08118	0.00026	0.06469	1.12553	1.24E+00	0.102462	0.000223	0.037765	1.38E+00	1.218534	0.088125	0.000182	0.040109	1.34695
2893	488637.63	3858492.85	11.37219	20.20288	14.52343	30.01827	1.03E+00	0.08547	0.00027	0.06953	1.18584	1.30E+00	0.107874	0.000231	0.040588	1.45E+00	1.282211	0.092779	0.000189	0.043108	1.418286
2894	488662.63	3858492.85	11.1273	19.83046	14.52311	29.22846	1.01E+00	0.08389	0.00027	0.0677	1.16024	1.27E+00	0.105885	0.000231	0.03952	1.42E+00	1.254599	0.091069	0.000189	0.041974	1.38783
2895	488687.63	3858492.85	10.83575	19.03116	13.98193	27.49933	9.82E-01	0.08051	0.00026	0.06369	1.12643	1.24E+00	0.101617	0.000222	0.037182	1.38E+00	1.221727	0.087398	0.000181	0.03949	1.348797
2896	488637.63	3858517.85	11.6417	20.21851	14.26937	30.4524	1.05E+00	0.08553	0.00027	0.07053	1.21133	1.33E+00	0.107957	0.000227	0.041175	1.48E+00	1.312598	0.092851	0.000185	0.043731	1.449365
2897	488662.63	3858517.85	11.40671	20.03816	14.37742	29.63683	1.03E+00	0.08477	0.00027	0.06864	1.18739	1.30E+00	0.106994	0.000229	0.040072	1.45E+00	1.286103	0.092023	0.000187	0.04256	1.420872
2898	488687.63	3858517.85	11.15814	19.69259	14.39974	28.8943	1.01E+00	0.08331	0.00027	0.06692	1.16168	1.28E+00	0.105149	0.000229	0.039068	1.42E+00	1.258076	0.090436	0.000187	0.041494	1.390193
2899	488194.42	3857168.98	12.39652	45.80345	16.72317	14.86559	1.12E+00	0.19377	0.00031	0.03443	1.35192	1.42E+00	0.244568	0.000266	0.0201	1.68E+00	1.397703	0.210346	0.000217	0.021348	1.629615
2900	488244.42	3857168.98	12.09781	43.81665	16.24148	14.97515	1.10E+00	0.18537	0.0003	0.03469	1.31669	1.38E+00	0.23396	0.000258	0.020248	1.64E+00	1.364024	0.201222	0.000211	0.021505	1.586962
2901	488294.42	3857168.98	11.82409	42.38465	15.8036	14.70913	1.07E+00	0.17931	0.0003	0.03407	1.2852	1.35E+00	0.226314	0.000251	0.019888	1.60E+00	1.333162	0.194646	0.000205	0.021123	1.549136
2902	488244.42	3857218.98	12.3778	44.54018	16.68985	15.32278	1.12E+00	0.18843	0.00031	0.03549	1.34593	1.42E+00	0.237823	0.000265	0.020718	1.67E+00	1.395593	0.204545	0.000217	0.022004	1.622359
2903	488294.42	3857218.98	12.04835	42.70212	16.21714	15.38702	1.09E+00	0.18065	0.0003	0.03564	1.30844	1.38E+00	0.228009	0.000258	0.020805	1.63E+00	1.358447	0.196104	0.000211	0.022097	1.576858
2904	488294.42	3857268.98	12.28116	42.99741	16.61947	15.7899	1.11E+00	0.1819	0.00031	0.03657	1.33173	1.40E+00	0.229586	0.000264	0.02135	1.66E+00	1.384697	0.19746	0.000216	0.022675	1.605048
2905	488139.13	3857111.68	12.42362	46.63394	16.76632	14.39481	1.13E+00	0.19729	0.00031	0.03334	1.35679	1.42E+00	0.249003	0.000266	0.019463	1.69E+00	1.400759	0.21416	0.000218	0.020672	1.635809
2906	488189.13	3857111.68	12.10319	45.05301	16.22735	14.36771	1.10E+00	0.1906	0.0003	0.03328	1.321	1.38E+00	0.240562	0.000258	0.019427	1.64E+00	1.364631	0.2069	0.000211	0.020633	1.592374
2907	488189.13	3857161.68	12.39143	45.89966	16.71159	14.82865	1.12E+00	0.19418	0.00031	0.03435	1.35178	1.42E+00	0.245082	0.000266	0.02005	1.68E+00	1.397129	0.210788	0.000217	0.021295	1.629429
2908	487951.04	3856961.26	12.70952	49.10064	17.11701	13.04522	1.15E+00	0.20772	0.00032	0.03022	1.39002	1.45E+00	0.262174	0.000272	0.017639	1.73E+00	1.432994	0.225488	0.000222	0.018734	1.677438
2909	488001.04	3856961.26	12.38407	48.07901	16.68578	13.06322	1.12E+00	0.2034	0.00031	0.03026	1.35624	1.42E+00	0.256719	0.000265	0.017663	1.69E+00	1.3963	0.220797	0.000217	0.018759	1.636072
2910	488051.04	3856961.26	12.09566	46.70031	16.30389	12.8614	1.10E+00	0.19757	0.00031	0.02979	1.32379	1.38E+00	0.249357	0.000259	0.01739	1.65E+00	1.363782	0.214465	0.000212	0.01847	1.596928
2911	488101.04	3856961.26	11.75109	44.87706	15.78235	13.23839	1.06E+00	0.18985	0.0003	0.03066	1.28572	1.34E+00	0.239622	0.000251	0.0179	1.60E+00	1.324931	0.206092	0.000205	0.019011	1.550239
2912	487951.04	3857011.26	12.98494	50.39866	17.47833	13.70602	1.18E+00	0.21321	0.00033	0.03175	1.42201	1.49E+00	0.269105	0.000278	0.018532	1.77E+00	1.464048	0.231449	0.000227	0.019683	1.715406
2913	488001.04	3857011.26	12.71789	48.31474	17.12126	13.44509	1.15E+00	0.2044	0.00032	0.03114	1.38838	1.45E+00	0.257978	0.000272	0.018179	1.73E+00	1.433938	0.221879	0.000222	0.019308	1.675347
2914	488051.04	3857011.26	12.46017	47.5839	16.7606	13.26577	1.13E+00	0.2013	0.00031	0.03073	1.36151	1.43E+00	0.254075	0.000266	0.017937	1.70E+00	1.40488	0.218523	0.000218	0.01905	1.642671
2915	488101.04	3857011.26	12.09805	45.60014	16.19518	13.55891	1.10E+00	0.19291	0.0003	0.03141	1.32097	1.38E+00	0.243483	0.000257	0.018333	1.65E+00	1.364051	0.209413	0.00021	0.019471	1.593145
2916	488001.04	3857061.26	12.9938	49.05427	17.52964	13.90368	1.18E+00	0.20752	0.00033	0.0322	1.41758	1.49E+00	0.261926	0.000279	0.018799	1.77E+00	1.465047	0.225275	0.000228	0.019966	1.710516
2917	488051.04	3857061.26	12.69581	47.76715	17.06784	14.02453	1.15E+00	0.20208	0.00032	0.03248	1.3854	1.45E+00	0.255054	0.000271	0.018963	1.73E+00	1.431448	0.219364	0.000222	0.02014	1.671174
2918	488101.04	3857061.26	12.39447	45.6512	16.58761	13.96977	1.12E+00	0.19313	0.00031	0.03236	1.34901	1.42E+00	0.243756	0.000264	0.018889	1.68E+00	1.397472	0.209647	0.000215	0.020061	1.627396
2919	487638.98	3856673.79	12.8397	42.73265	17.30719	9.80849	1.16E+00	0.18078	0.00032	0.02272	1.36738	1.47E+00	0.228172	0.000275	0.013262	1.71E+00	1.447672	0.196244	0.000225	0.014086	1.658226
2920	487688.98	3856673.79	12.49207	42.41873	16.80529	9.84186	1.13E+00	0.17945	0.00031	0.0228	1.33462	1.43E+00	0.226496	0.000267	0.013307	1.67E+00	1.408477	0.194803	0.000218	0.014133	1.617631
2921	487638.98	3856723.79	13.20636	45.66313	17.82935	10.46552	1.20E+00	0.19318	0.00033	0.02424	1.41454	1.51E+00	0.243819	0.000283	0.014151	1.77E+00	1.489013	0.209702	0.000231	0.015029	1.713975
2922	487688.98	3856723.79	12.8712	43.81203	17.32812	10.48602	1.17E+00	0.18535	0.00032	0.02429	1.37637	1.47E+00	0.233935	0.000275	0.014178	1.72E+00	1.451223	0.201201	0.000225	0.015058	1.667708
2923	486324.61	3855740.57	14.29602	30.51162	18.00658	3.89019	1.30E+00	0.12908	0.00034	0.00901	1.43396	1.64E+00	0.162917	0.000286	0.00526	1.80E+00	1.611871	0.140121	0.000234	0.005587	1.757812
2924	486374.61	3855740.57	13.62063	28.82698	16.75139	3.52424	1.23E+00	0.12195	0.00031	0.00816	1.36476	1.56E+00	0.153922	0.000266	0.004765	1.72E+00	1.535721	0.132384	0.000217	0.005061	1.673384

2925	486424.61	3855740.57	13.24275	26.86852	15.9238	3.4064		1.20E+00	0.11367	0.0003	0.00789	1.32194		1.51E+00	0.143465	0.000253	0.004606	1.66E+00		1.493116	0.12339	0.000207	0.004892	1.621604
2926	486324.61	3855790.57	14.8567	30.54526	18.57972	4.11615		1.35E+00	0.12922	0.00035	0.00953	1.48545		1.70E+00	0.163097	0.000295	0.005565	1.87E+00		1.675088	0.140275	0.000241	0.005911	1.821515
2927	486374.61	3855790.57	14.13277	29.66335	17.45956	3.73026		1.28E+00	0.12549	0.00033	0.00864	1.4152		1.62E+00	0.158388	0.000277	0.005044	1.78E+00		1.593465	0.136225	0.000227	0.005357	1.735274
2928	486424.61	3855790.57	13.72139	28.31348	16.8349	3.62766		1.24E+00	0.11978	0.00032	0.0084	1.37196		1.57E+00	0.15118	0.000268	0.004905	1.73E+00		1.547082	0.130026	0.000219	0.00521	1.682536
2929	486324.61	3855840.57	15.3216	30.0928	19.32389	4.35792		1.39E+00	0.12731	0.00036	0.01009	1.52624		1.75E+00	0.160681	0.000307	0.005892	1.92E+00		1.727505	0.138197	0.000251	0.006258	1.872212
2930	486374.61	3855840.57	14.88925	29.54188	18.57691	4.10282		1.35E+00	0.12498	0.00035	0.0095	1.48412		1.70E+00	0.157739	0.000295	0.005547	1.87E+00		1.678758	0.135667	0.000241	0.005892	1.820558
2931	486424.61	3855840.57	14.47532	29.55098	17.83478	3.86508		1.31E+00	0.12502	0.00033	0.00895	1.44609		1.66E+00	0.157788	0.000283	0.005226	1.82E+00		1.632087	0.135709	0.000232	0.00555	1.773578
2932	486324.61	3855890.57	15.88513	30.36036	20.3728	4.81548		1.44E+00	0.12844	0.00038	0.01115	1.57952		1.82E+00	0.16211	0.000324	0.006511	1.99E+00		1.791043	0.139426	0.000264	0.006915	1.937649
2933	486374.61	3855890.57	15.36318	29.53397	19.63021	4.50123		1.39E+00	0.12494	0.00037	0.01043	1.52798		1.76E+00	0.157697	0.000312	0.006086	1.92E+00		1.732193	0.135631	0.000255	0.006464	1.874543
2934	486424.61	3855890.57	14.887	28.96082	18.87689	4.19236		1.35E+00	0.12252	0.00035	0.00971	1.48167		1.70E+00	0.154637	0.0003	0.005669	1.86E+00		1.678504	0.132999	0.000245	0.00602	1.817768
2935	488735.69	3858285.64	10.4968	21.67313	16.1968	25.95014		9.51E-01	0.09169	0.0003	0.06011	1.10334		1.20E+00	0.115724	0.000257	0.035087	1.35E+00		1.183511	0.099531	0.00021	0.037266	1.320518
2936	488765.69	3858285.64	10.41786	21.92554	16.32415	25.55854		9.44E-01	0.09276	0.00031	0.0592	1.09635		1.19E+00	0.117072	0.000259	0.034558	1.34E+00		1.17461	0.10069	0.000212	0.036703	1.312216
2937	488735.69	3858315.64	10.41521	20.7938	15.80863	26.0016		9.44E-01	0.08797	0.0003	0.06022	1.09234		1.19E+00	0.111029	0.000251	0.035157	1.34E+00		1.174311	0.095493	0.000205	0.03734	1.307349
2938	488765.69	3858315.64	10.45701	21.07444	15.92293	25.7359		9.48E-01	0.08916	0.0003	0.05961	1.0967		1.20E+00	0.112527	0.000253	0.034798	1.34E+00		1.179024	0.096782	0.000207	0.036958	1.312971
2939	478676.63	3849871.93	2.74593	3.17216	2.70184	2.00619		2.49E-01	0.01342	5.1E-05	0.00465	0.26696		3.14E-01	0.016938	4.29E-05	0.002713	3.34E-01		0.309603	0.014568	3.51E-05	0.002881	0.327086
2940	479326.63	3849871.93	4.31618	5.059	4.74765	3.11423		3.91E-01	0.0214	8.9E-05	0.00721	0.41985		4.94E-01	0.027013	7.55E-05	0.004211	5.25E-01		0.486648	0.023233	6.16E-05	0.004472	0.514414
2941	479376.63	3849871.93	4.44838	5.07675	4.64479	3.26241		4.03E-01	0.02148	8.7E-05	0.00756	0.43224		5.09E-01	0.027107	7.38E-05	0.004411	5.40E-01		0.501553	0.023314	6.03E-05	0.004685	0.529613
2942	479426.63	3849871.93	4.53823	5.28968	4.78084	3.48279		4.11E-01	0.02238	8.9E-05	0.00807	0.4418		5.19E-01	0.028244	7.6E-05	0.004709	5.52E-01		0.511684	0.024292	6.21E-05	0.005001	0.54104
2943	478726.63	3849921.93	2.79446	3.23156	2.72699	2.06559		2.53E-01	0.01367	5.1E-05	0.00478	0.27175		3.20E-01	0.017255	4.33E-05	0.002793	3.40E-01		0.315074	0.014841	3.54E-05	0.002966	0.332917
2944	478776.63	3849921.93	2.96363	3.3468	2.77644	1.86256		2.69E-01	0.01416	5.2E-05	0.00431	0.2871		3.39E-01	0.01787	4.41E-05	0.002518	3.59E-01		0.334148	0.01537	3.6E-05	0.002675	0.352229
2945	478826.63	3849921.93	3.36783	3.74476	2.64985	1.80262		3.05E-01	0.01584	5E-05	0.00418	0.32527		3.85E-01	0.019995	4.21E-05	0.002437	4.08E-01		0.379722	0.017197	3.44E-05	0.002589	0.399542
2946	478976.63	3849921.93	4.09831	4.7975	2.96178	2.29211		3.71E-01	0.0203	5.5E-05	0.00531	0.39706		4.69E-01	0.025616	4.71E-05	0.003099	4.98E-01		0.462083	0.022032	3.84E-05	0.003292	0.487445
2947	479026.63	3849921.93	4.27289	4.98708	3.45577	2.48605		3.87E-01	0.0211	6.5E-05	0.00576	0.41414		4.89E-01	0.026629	5.49E-05	0.003361	5.19E-01		0.481767	0.022903	4.49E-05	0.00357	0.508284
2948	479076.63	3849921.93	4.38484	5.0276	3.67051	2.47837		3.97E-01	0.02127	6.9E-05	0.00574	0.42444		5.02E-01	0.026845	5.83E-05	0.003351	5.32E-01		0.494389	0.023089	4.76E-05	0.003559	0.521085
2949	479126.63	3849921.93	4.30938	5.03807	4.16073	2.53815		3.91E-01	0.02131	7.8E-05	0.00588	0.4178		4.93E-01	0.026901	6.61E-05	0.003432	5.23E-01		0.485881	0.023137	5.4E-05	0.003645	0.512717
2950	479176.63	3849921.93	4.43752	5.1605	4.14461	2.70795		4.02E-01	0.02183	7.8E-05	0.00627	0.43032		5.08E-01	0.027555	6.59E-05	0.003661	5.39E-01		0.500329	0.023699	5.38E-05	0.003889	0.52797
2951	479226.63	3849921.93	4.52929	5.17654	4.29436	2.74818		4.10E-01	0.0219	8E-05	0.00637	0.4388		5.18E-01	0.02764	6.83E-05	0.003716	5.49E-01		0.510676	0.023773	5.57E-05	0.003947	0.538451
2952	479276.63	3849921.93	4.55397	5.36292	4.51099	3.00786		4.13E-01	0.02269	8.4E-05	0.00697	0.44243		5.21E-01	0.028635	7.17E-05	0.004067	5.54E-01		0.513459	0.024629	5.86E-05	0.004319	0.542465
2953	479326.63	3849921.93	4.52956	5.15035	4.68231	3.38305		4.10E-01	0.02179	8.8E-05	0.00784	0.44019		5.18E-01	0.0275	7.44E-05	0.004574	5.50E-01		0.510706	0.023652	6.08E-05	0.004858	0.539278
2954	479376.63	3849921.93	4.37259	5.13097	4.83407	3.20262		3.96E-01	0.02171	9E-05	0.00742	0.42547		5.00E-01	0.027397	7.68E-05	0.00433	5.32E-01		0.493008	0.023563	6.27E-05	0.004599	0.521233
2955	479426.63	3849921.93	4.49803	5.19705	4.67236	3.41058		4.08E-01	0.02199	8.7E-05	0.0079	0.43759		5.14E-01	0.02775	7.43E-05	0.004611	5.47E-01		0.507151	0.023867	6.06E-05	0.004898	0.535977
2956	478726.63	3849971.93	2.88479	3.25408	2.61208	2.27664		2.61E-01	0.01377	4.9E-05	0.00527	0.28051		3.30E-01	0.017375	4.15E-05	0.003078	3.50E-01		0.325259	0.014944	3.39E-05	0.003269	0.343506
2957	478776.63	3849971.93	2.84865	3.29185	2.75248	2.11917		2.58E-01	0.01393	5.2E-05	0.00491	0.27704		3.26E-01	0.017577	4.37E-05	0.002865	3.46E-01		0.321184	0.015117	3.57E-05	0.003043	0.339381
2958	478826.63	3849971.93	2.99719	3.38095	2.82882	1.91251		2.72E-01	0.0143	5.3E-05	0.00443	0.2904		3.43E-01	0.018053	4.5E-05	0.002586	3.63E-01		0.337932	0.015527	3.67E-05	0.002746	0.356242
2959	478976.63	3849971.93	4.00843	4.6837	2.73539	2.32591		3.63E-01	0.01981	5.1E-05	0.00539	0.38851		4.58E-01	0.025009	4.35E-05	0.003145	4.87E-01		0.451949	0.021509	3.55E-05	0.00334	0.476834
2960	479026.63	3849971.93	4.09999	4.80863	3.04175	2.41386		3.72E-01	0.02034	5.7E-05	0.00559	0.39754		4.69E-01	0.025676	4.83E-05	0.003264	4.98E-01		0.462272	0.022083	3.95E-05	0.003466	0.487861
2961	479076.63	3849971.93	4.29696	5.02016	3.52281	2.51651		3.89E-01	0.02124	6.6E-05	0.00583	0.41653		4.91E-01	0.026805	5.6E-05	0.003403	5.22E-01		0.484481	0.023054	4.57E-05	0.003614	0.511195
2962	479126.63	3849971.93	4.41017	5.09954	3.72254	2.51821		4.00E-01	0.02157	7E-05	0.00583	0.42713		5.04E-01	0.027229	5.92E-05	0.003405	5.35E-01		0.497245	0.023419	4.83E-05	0.003616	0.524329
2963	479176.63	3849971.93	4.35105	5.06818	4.21186	2.6287		3.94E-01	0.02144	7.9E-05	0.00609	0.42191		4.98E-01	0.027062	6.69E-05	0.003554	5.28E-01		0.490579	0.023275	5.47E-05	0.003775	0.517684
2964	479226.63	3849971.93	4.46118	5.21116	4.17193	2.55596		4.04E-01	0.02205	7.8E-05	0.00592	0.43233		5.10E-01	0.027825	6.63E-05	0.003456	5.42E-01		0.502997	0.023932	5.42E-05	0.00367	0.530653
2965	479276.63	3849971.93	4.56681	5.2417	4.34002	2.78045		4.14E-01	0.02218	8.1E-05	0.00644	0.44255		5.22E-01	0.027988	6.9E-05	0.003759	5.54E-01		0.514906	0.024072	5.63E-05	0.003993	0.543027
2966	479326.63	3849971.93	4.55209	5.46365	4.54665	3.17785		4.13E-01	0.02311	8.5E-05	0.00736	0.44308		5.21E-01	0.029173	7.23E-05	0.004297	5.54E-01		0.513247	0.025091	5.9E-05	0.004564	0.54296
2967	479376.63	3849971.93	4.59832	5.21167	4.74576	3.38455		4.17E-01	0.02205	8.9E-05	0.00784	0.44669		5.26E-01	0.027828	7.54E-05	0.004576	5.58E-01		0.518459	0.023934	6.16E-05	0.00486	0.547315
2968	479426.63	3849971.93	4.43069	5.26306	4.91879	3.38221		4.02E-01	0.02227	9.2E-05	0.00783	0.43171		5.07E-01	0.028102	7.82E-05	0.004573	5.40E-01		0.499559	0.02417	6.38E-05	0.004857	0.52865
2969	478726.63	3850021.93	2.84494	3.12463	2.54109	2.18279		2.58E-01	0.01322	4.8E-05	0.00506	0.27614		3.25E-01	0.016684	4.04E-05	0.002951	3.45E-01		0.320766	0.014349	3.3E-05	0.003135	0.338283
2970	478776.63	3850021.93	2.92724	3.29746	2.65217	2.28633		2.65E-01	0.01395	5E-05	0.0053	0.28457		3.35E-01	0.017607	4.22E-05	0.003091	3.56E-01		0.330045	0.015143	3.44E-05	0.003283	0.348506
2971	478826.63	3850021.93	2.909	3.34759	2.77092	2.17339		2.64E-01	0.01416	5.2E-05	0.00503	0.28287		3.33E-01	0.017875	4.4E-05	0.002939	3.54E-01		0.327989	0.015373	3.6E-05	0.003121	0.346519
2972	478976.63	3850021.93	3.78628	4.333	2.7178	2.15309		3.43E-01	0.01833	5.1E-05	0.00499	0.36649		4.33E-01	0.023136	4.32E-05	0.002911	4.59E-01		0.426902	0.019899	3.53E-05	0.003092	0.449928
2973	478726.63	3850071.93	2.83202	3.11805	2.54721	2.31159		2.57E-01	0.01319	4.8E-05	0.00535	0.27524		3.24E-01	0.016649	4.05E-05	0.003126	3.44E-01		0.319309	0.014319	3.31E-05	0.00332	0.336981
2974	478776.63	3850071.93	2.87803	3.16907	2.54616	2.2201		2.61E-01	0.01341	4.8E-05	0.00514	0.27941		3.29E-01	0.016921	4.05E-05	0.003002	3.49E-01		0.324497	0.014554	3.31E-05	0.003188	0.342272
2975	478826.63	3850071.93	2.97893	3.34945	2.69267	2.29423		2.70E-01	0.01417	5E-05	0.00531	0.28949		3.41E-01	0.017884	4.28E-05	0.003102	3.62E-01		0.335873	0.015382	3.5E-05	0.003295	0.354585
2976	478876.63	3850071.93	2.97067	3.41577	2.80718	2.23563		2.69E-01	0.01445	5.3E-05	0.00518	0.28889		3.40E-01	0.018239	4.46E-05	0.003023	3.61E-01		0.334942	0.015686	3.64E-05	0.00321	0.353875
2977	478976.63	3850071.93	3.50574	3.91892	2.8038	1.89149		3.18E-01	0.01658	5.2E-05	0.00438	0.33871		4.01E-01	0.020925	4.46E-05	0.002557	4.25E-01		0.395271	0.017997	3.64E-05	0.002716	0.416021
2978	478726.63	3850121.93	2.90004	3.19789	2.49084	2.36449		2.63E-01	0.01353	4.7E-05	0.00548	0.28186		3.32E-01	0.017075	3.96E-05	0.003197	3.52E-01		0.326979	0.014686	3.23E-05	0.003396	0.345092
2979	478776.63	3850121.93	2.86102	3.19485	2.56831	2.33594		2.59E-01	0.01352	4.8E-05	0.00541	0.27825		3.27E-01	0.017059	4.08E-05	0.003158	3.47E-01		0.322579	0.014672	3.33E-05	0.003355	0.340639
2980	478826.63	3850121.93	2.91703	3.3353	2.57246	2.27815		2.64E-01	0.01411	4.8E-05	0.00528	0.28378		3.34E-01	0.017809	4.09E-05	0.00308	3.55E-01		0.328894	0.015317	3.34E-05	0.003272	0.347516
2981	478876.63	3850121.93	3.01625	3.37471	2.70272	2.3015		2.73E-01	0.01428	5.1E-05	0.00533	0.293		3.45E-01	0.018019	4.3E-05	0.003112	3.66E-01		0.340081	0.015498	3.51E-05	0.003305	0.358919
2982	478976.63	3850121.93	3.11971	3.55058	2.91538	2.155		2.83E-01	0.01502	5.5E-05	0.00499	0.30278		3.57E-01	0.018958	4.63E-05	0.002914	3.79E-01		0.351746	0.016306	3.78E-05	0.003095	0.371184
2983	479026.63	3850121.93	3.53281	3.95046	2.86249	1.94556		3.20E-01	0.01671	5.4E-05	0.00451	0.34142		4.04E-01	0.021094	4.55E-05	0.002631	4.28E-01		0.398323	0.018142	3.72E-05	0.002794	0.419296
2984	479076.63	3850121.93	3.83104	4.41726	2.75512	2.21692		3.47E-01	0.01869	5.2E-05	0.00513	0.37105		4.38E-01	0.023586	4.38E-05	0.002998	4.65E-01		0.431948	0.020286	3.58E-05	0.003184	0.455454
2985	479126.63	3850121.93	4.07592	4.76037	2.82741	2.44365		3.69E-01	0.02014	5.3E-05	0.00566	0.39522		4.66E-01	0.025418	4.49E-05	0.003304	4.95E-01		0.459559	0.021861	3.67E-05	0.003509	0.484966

2986	478776.63	3850171.93	2.9351	3.24228	2.54162	2.44407	2.66E-01	0.01372	4.8E-05	0.00566	0.28541	3.36E-01	0.017312	4.04E-05	0.003305	3.56E-01	0.330932	0.01489	3.3E-05	0.00351	0.349364
2987	478826.63	3850171.93	2.8985	3.25322	2.58042	2.35851	2.63E-01	0.01376	4.8E-05	0.00546	0.28194	3.32E-01	0.017371	4.1E-05	0.003189	3.52E-01	0.326805	0.01494	3.35E-05	0.003387	0.345165
2988	478876.63	3850171.93	2.97017	3.36679	2.5999	2.33615	2.69E-01	0.01424	4.9E-05	0.00541	0.28887	3.40E-01	0.017977	4.13E-05	0.003159	3.61E-01	0.334886	0.015462	3.37E-05	0.003355	0.353736
2989	478976.63	3850171.93	3.11131	3.569	2.87477	2.38334	2.82E-01	0.0151	5.4E-05	0.00552	0.30263	3.56E-01	0.019057	4.57E-05	0.003223	3.78E-01	0.350799	0.01639	3.73E-05	0.003423	0.370649
2990	479026.63	3850171.93	3.16207	3.6195	2.93248	2.24141	2.87E-01	0.01531	5.5E-05	0.00519	0.30711	3.62E-01	0.019326	4.66E-05	0.003031	3.84E-01	0.356522	0.016622	3.81E-05	0.003219	0.376401
2991	479076.63	3850171.93	3.55756	3.98914	2.92244	2.01367	3.22E-01	0.01688	5.5E-05	0.00466	0.34399	4.07E-01	0.0213	4.64E-05	0.002723	4.31E-01	0.401114	0.01832	3.79E-05	0.002892	0.422363
2992	479126.63	3850171.93	3.84101	4.29439	2.80099	2.25971	3.48E-01	0.01817	5.2E-05	0.00523	0.37153	4.39E-01	0.02293	4.45E-05	0.003055	4.65E-01	0.433073	0.019721	3.64E-05	0.003245	0.456075
2993	479176.63	3850171.93	4.06464	4.57023	2.86681	2.50489	3.68E-01	0.01933	5.4E-05	0.0058	0.39354	4.65E-01	0.024403	4.56E-05	0.003387	4.93E-01	0.458287	0.020988	3.72E-05	0.003597	0.482909
2994	479226.63	3850171.93	4.10143	4.68129	3.30408	2.70141	3.72E-01	0.0198	6.2E-05	0.00626	0.3978	4.69E-01	0.024996	5.25E-05	0.003653	4.98E-01	0.462435	0.021498	4.29E-05	0.003879	0.487855
2995	479276.63	3850171.93	4.27008	4.8257	3.77872	2.7906	3.87E-01	0.02042	7.1E-05	0.00646	0.41391	4.88E-01	0.025767	6.01E-05	0.003773	5.18E-01	0.48145	0.022161	4.9E-05	0.004007	0.507668
2996	479326.63	3850171.93	4.41625	4.99572	4.03691	2.72911	4.00E-01	0.02113	7.6E-05	0.00632	0.42774	5.05E-01	0.026675	6.42E-05	0.00369	5.36E-01	0.497931	0.022942	5.24E-05	0.003919	0.524844
2997	479376.63	3850171.93	4.4755	5.17418	4.30796	3.00841	4.06E-01	0.02189	8.1E-05	0.00697	0.43452	5.12E-01	0.027628	6.85E-05	0.004068	5.44E-01	0.504611	0.023762	5.59E-05	0.00432	0.532749
2998	478676.63	3850221.93	2.63659	3.0824	2.57155	2.16535	2.39E-01	0.01304	4.8E-05	0.00502	0.25704	3.02E-01	0.016459	4.09E-05	0.002928	3.21E-01	0.297275	0.014156	3.34E-05	0.00311	0.314573
2999	478726.63	3850221.93	2.86817	3.3682	2.5188	2.32015	2.60E-01	0.01425	4.7E-05	0.00537	0.27959	3.28E-01	0.017985	4E-05	0.003137	3.49E-01	0.323385	0.015468	3.27E-05	0.003332	0.342218
3000	478976.63	3850221.93	3.05738	3.48843	2.74621	2.31753	2.77E-01	0.01476	5.1E-05	0.00537	0.29724	3.50E-01	0.018627	4.36E-05	0.003134	3.72E-01	0.344719	0.01602	3.56E-05	0.003328	0.364102
3001	479026.63	3850221.93	3.15802	3.63004	2.87975	2.46296	2.86E-01	0.01536	5.4E-05	0.0057	0.3073	3.61E-01	0.019383	4.58E-05	0.00333	3.84E-01	0.356066	0.01667	3.74E-05	0.003537	0.37631
3002	479076.63	3850221.93	3.19756	3.68216	2.9722	2.32333	2.90E-01	0.01558	5.6E-05	0.00538	0.31078	3.66E-01	0.019661	4.72E-05	0.003141	3.89E-01	0.360524	0.01691	3.86E-05	0.003336	0.380809
3003	479126.63	3850221.93	3.58705	4.03132	2.98178	2.09349	3.25E-01	0.01705	5.6E-05	0.00485	0.34703	4.10E-01	0.021525	4.74E-05	0.002831	4.35E-01	0.404439	0.018513	3.87E-05	0.003006	0.425997
3004	479176.63	3850221.93	3.84946	4.34998	2.85553	2.33769	3.49E-01	0.0184	5.3E-05	0.00541	0.37272	4.40E-01	0.023227	4.54E-05	0.003161	4.67E-01	0.434025	0.019977	3.71E-05	0.003357	0.457396
3005	479226.63	3850221.93	4.05238	4.62887	2.90996	2.58555	3.67E-01	0.01958	5.4E-05	0.00599	0.39286	4.64E-01	0.024716	4.62E-05	0.003496	4.92E-01	0.456904	0.021257	3.78E-05	0.003713	0.481913
3006	479276.63	3850221.93	4.08805	4.72488	3.37645	2.781	3.70E-01	0.01999	6.3E-05	0.00644	0.39696	4.68E-01	0.025229	5.37E-05	0.00376	4.97E-01	0.460926	0.021698	4.38E-05	0.003994	0.486662
3007	479326.63	3850221.93	4.31688	4.87969	3.81063	2.82671	3.91E-01	0.02064	7.1E-05	0.00655	0.41847	4.94E-01	0.026055	6.06E-05	0.003822	5.24E-01	0.486727	0.022409	4.95E-05	0.004059	0.513245
3008	479376.63	3850221.93	4.45275	5.05488	4.06974	2.76861	4.04E-01	0.02138	7.6E-05	0.00641	0.43139	5.09E-01	0.026991	6.47E-05	0.003743	5.40E-01	0.502046	0.023214	5.28E-05	0.003976	0.529289
3009	478676.63	3850271.93	2.57133	2.96253	2.78616	2.30774	2.33E-01	0.01253	5.2E-05	0.00535	0.25095	2.94E-01	0.015818	4.43E-05	0.00312	3.13E-01	0.289917	0.013605	3.62E-05	0.003314	0.306872
3010	478726.63	3850271.93	2.67907	3.11775	2.61294	2.18302	2.43E-01	0.01319	4.9E-05	0.00506	0.26108	3.06E-01	0.016647	4.15E-05	0.002952	3.26E-01	0.302064	0.014318	3.39E-05	0.003135	0.319551
3011	478976.63	3850271.93	3.06277	3.43201	2.69162	2.41278	2.78E-01	0.01452	5E-05	0.00559	0.29771	3.50E-01	0.018325	4.28E-05	0.003262	3.72E-01	0.345326	0.015761	3.49E-05	0.003465	0.364587
3012	479026.63	3850271.93	3.08201	3.54786	2.80697	2.33415	2.79E-01	0.01501	5.3E-05	0.00541	0.29977	3.53E-01	0.018944	4.46E-05	0.003156	3.75E-01	0.347496	0.016293	3.64E-05	0.003352	0.367177
3013	479076.63	3850271.93	3.20341	3.67947	2.91867	2.48119	2.90E-01	0.01557	5.5E-05	0.00575	0.31167	3.66E-01	0.019647	4.64E-05	0.003355	3.89E-01	0.361183	0.016897	3.79E-05	0.003563	0.381682
3014	479126.63	3850271.93	3.24523	3.75828	3.01651	2.41476	2.94E-01	0.0159	5.6E-05	0.00559	0.31564	3.71E-01	0.020067	4.79E-05	0.003265	3.95E-01	0.365899	0.017259	3.92E-05	0.003468	0.386665
3015	479176.63	3850271.93	3.61449	4.08177	3.03936	2.2319	3.28E-01	0.01727	5.7E-05	0.00517	0.35005	4.13E-01	0.021795	4.83E-05	0.003018	4.38E-01	0.407533	0.018745	3.95E-05	0.003205	0.429522
3016	479226.63	3850271.93	3.85401	4.40339	2.91126	2.4217	3.49E-01	0.01863	5.4E-05	0.00561	0.37355	4.41E-01	0.023512	4.63E-05	0.003274	4.68E-01	0.434538	0.020222	3.78E-05	0.003478	0.458276
3017	479276.63	3850271.93	4.06782	4.67996	2.94495	2.64084	3.69E-01	0.0198	5.5E-05	0.00612	0.3946	4.65E-01	0.024989	4.68E-05	0.003571	4.94E-01	0.458645	0.021492	3.82E-05	0.003792	0.483968
3018	479326.63	3850271.93	4.12968	4.79096	3.39485	2.80962	3.74E-01	0.02027	6.4E-05	0.00651	0.40108	4.72E-01	0.025581	5.4E-05	0.003799	5.02E-01	0.46562	0.022002	4.41E-05	0.004035	0.491701
3019	479376.63	3850271.93	4.36961	4.93535	3.84192	2.86076	3.96E-01	0.02088	7.2E-05	0.00663	0.42356	5.00E-01	0.026352	6.11E-05	0.003868	5.30E-01	0.492672	0.022665	4.99E-05	0.004108	0.519495
3020	479053.24	3850293.52	3.10812	3.58276	2.83171	2.3547	2.82E-01	0.01516	5.3E-05	0.00545	0.30233	3.56E-01	0.01913	4.5E-05	0.003184	3.78E-01	0.350439	0.016453	3.68E-05	0.003381	0.370311
3021	479103.24	3850293.52	3.23129	3.70837	2.93345	2.52835	2.93E-01	0.01569	5.5E-05	0.00586	0.31443	3.70E-01	0.019801	4.66E-05	0.003419	3.93E-01	0.364327	0.01703	3.81E-05	0.003631	0.385026
3022	479153.24	3850293.52	3.29946	3.81716	3.03459	2.42609	2.99E-01	0.01615	5.7E-05	0.00562	0.32083	3.77E-01	0.020382	4.82E-05	0.00328	4.01E-01	0.372013	0.01753	3.94E-05	0.003484	0.393066
3023	479203.24	3850293.52	3.64568	4.1362	3.05414	2.25183	3.30E-01	0.0175	5.7E-05	0.00522	0.35315	4.17E-01	0.022085	4.85E-05	0.003045	4.42E-01	0.411049	0.018995	3.96E-05	0.003234	0.433318
3024	479253.24	3850293.52	3.88391	4.45224	2.92505	2.4824	3.52E-01	0.01884	5.5E-05	0.00575	0.37661	4.44E-01	0.023773	4.65E-05	0.003356	4.71E-01	0.43791	0.020446	3.8E-05	0.003565	0.461959
3025	479303.24	3850293.52	4.10724	4.71927	2.97595	2.66656	3.72E-01	0.01996	5.6E-05	0.00618	0.3984	4.70E-01	0.025199	4.73E-05	0.003605	4.99E-01	0.46309	0.021673	3.86E-05	0.003829	0.48863
3026	479353.24	3850293.52	4.17115	4.82506	3.44893	2.83097	3.78E-01	0.02041	6.5E-05	0.00656	0.40503	4.77E-01	0.025764	5.48E-05	0.003828	5.07E-01	0.470296	0.022158	4.48E-05	0.004065	0.496564
3027	479153.24	3850343.52	3.28115	3.76807	2.973	2.5425	2.97E-01	0.01594	5.6E-05	0.00589	0.31923	3.75E-01	0.02012	4.73E-05	0.003438	3.99E-01	0.369949	0.017304	3.86E-05	0.003651	0.390943
3028	479203.24	3850343.52	3.35027	3.97368	3.05657	2.53856	3.04E-01	0.01681	5.7E-05	0.00588	0.32636	3.83E-01	0.021218	4.86E-05	0.003432	4.08E-01	0.377742	0.018249	3.97E-05	0.003646	0.399676
3029	479253.24	3850343.52	3.66438	4.2443	3.10433	2.35972	3.32E-01	0.01796	5.8E-05	0.00547	0.35555	4.19E-01	0.022663	4.93E-05	0.003191	4.45E-01	0.413158	0.019491	4.03E-05	0.003389	0.436078
3030	479303.24	3850343.52	3.91567	4.49332	2.9869	2.4871	3.55E-01	0.01901	5.6E-05	0.00576	0.37967	4.48E-01	0.023992	4.75E-05	0.003363	4.75E-01	0.44149	0.020635	3.88E-05	0.003572	0.465736
3031	479353.24	3850343.52	4.15025	4.76617	3.00461	2.68644	3.76E-01	0.02016	5.6E-05	0.00622	0.40255	4.75E-01	0.025449	4.78E-05	0.003632	5.04E-01	0.467939	0.021888	3.9E-05	0.003858	0.493724
3032	479203.24	3850393.52	3.3399	3.81388	3.01269	2.55227	3.03E-01	0.01613	5.6E-05	0.00591	0.32477	3.82E-01	0.020364	4.79E-05	0.003451	4.06E-01	0.376573	0.017515	3.91E-05	0.003665	0.397792
3033	479253.24	3850393.52	3.3846	4.02157	3.07214	2.63381	3.07E-01	0.01701	5.8E-05	0.0061	0.32989	3.87E-01	0.021473	4.88E-05	0.003561	4.12E-01	0.381612	0.018469	3.99E-05	0.003782	0.403903
3034	479303.24	3850393.52	3.69042	4.27932	3.14221	2.41865	3.34E-01	0.0181	5.9E-05	0.0056	0.3582	4.22E-01	0.02285	4.99E-05	0.00327	4.48E-01	0.416094	0.019652	4.08E-05	0.003473	0.43926
3035	479353.24	3850393.52	3.95211	4.53539	3.05067	2.49455	3.58E-01	0.01919	5.7E-05	0.00578	0.38317	4.52E-01	0.024217	4.85E-05	0.003373	4.80E-01	0.445599	0.020828	3.96E-05	0.003582	0.470049
3036	479403.24	3850393.52	4.18895	4.81293	3.03521	2.71394	3.80E-01	0.02036	5.7E-05	0.00629	0.40632	4.79E-01	0.025699	4.82E-05	0.00367	5.09E-01	0.472303	0.022103	3.94E-05	0.003897	0.498342
3037	479453.24	3850393.52	4.26483	4.96684	3.47668	2.87532	3.86E-01	0.02101	6.5E-05	0.00666	0.41422	4.88E-01	0.026521	5.53E-05	0.003888	5.18E-01	0.480858	0.02281	4.51E-05	0.004129	0.507842
3038	479503.24	3850393.52	4.52745	5.08963	3.96021	2.94098	4.10E-01	0.02153	7.4E-05	0.00681	0.4387	5.18E-01	0.027176	6.29E-05	0.003977	5.49E-01	0.510468	0.023373	5.14E-05	0.004223	0.538117
3039	479303.24	3850443.52	3.42668	4.05414	3.09625	2.72192	3.11E-01	0.01715	5.8E-05	0.0063	0.33405	3.92E-01	0.021647	4.92E-05	0.00368	4.17E-01	0.386357	0.018618	4.02E-05	0.003909	0.408924
3040	479353.24	3850443.52	3.72997	4.31468	3.18188	2.47557	3.38E-01	0.01825	6E-05	0.00573	0.36206	4.27E-01	0.023038	5.06E-05	0.003347	4.53E-01	0.420553	0.019815	4.13E-05	0.003555	0.443964
3041	479403.24	3850443.52	4.00474	4.57101	3.11862	2.46998	3.63E-01	0.01934	5.8E-05	0.00572	0.38803	4.58E-01	0.024407	4.96E-05	0.00334	4.86E-01	0.451533	0.020992	4.05E-05	0.003547	0.476112
3042	479453.24	3850443.52	4.25472	4.86103	3.06812	2.71437	3.86E-01	0.02056	5.7E-05	0.00629	0.41248	4.87E-01	0.025956	4.88E-05	0.00367	5.16E-01	0.479718	0.022324	3.98E-05	0.003898	0.50598
3043	479503.24	3850443.52	4.35153	5.05247	3.45599	2.86347	3.94E-01	0.02137	6.5E-05	0.00663	0.42242	4.98E-01	0.026978	5.49E-05	0.003872	5.29E-01	0.490634	0.023203	4.49E-05	0.004112	0.517993
3044	480327.18	3850987.04	5.43147	6.58987	5.45091	5.08928	4.92E-01	0.02788	0.0001	0.01179	0.53198	6.21E-01	0.035187	8.66E-05	0.006881	6.63E-01	0.612396	0.030263	7.08E-05	0.007308	0.650039
3045	480377.18	3850987.04	5.39541	7.06816	5.70228	5.15784	4.89E-01	0.0299	0.00011	0.01195	0.5309	6.17E-01	0.037741	9.06E-05	0.006974	6.62E-01	0.608331	0.03246	7.4E-05	0.007407	0.648271
3046	480427.18	3850987.04	5.50202	7.2574	5.81221	5.64867	4.99E-01	0.0307	0.00011	0.01308	0.5425	6.29E-01	0.038751	9.24E-05	0.007638	6.76E-01	0.620351	0.033329	7.54E-05	0.008112	0.661867

3047	480477.18	3850987.04	5.52276	7.14141	5.79596	5.75051		5.00E-01	0.03021	0.00011	0.01332	0.54412		6.32E-01	0.038132	9.21E-05	0.007775	6.78E-01		0.622689	0.032796	7.52E-05	0.008258	0.663819	
3048	480327.18	3851037.04	5.37453	6.7146	5.41173	4.63144		4.87E-01	0.02841	0.0001	0.01073	0.52629		6.15E-01	0.035853	8.6E-05	0.006262	6.57E-01		0.605976	0.030836	7.02E-05	0.006651	0.643534	
3049	480377.18	3851037.04	5.50037	6.69514	5.54992	5.19041		4.98E-01	0.02832	0.0001	0.01202	0.5389		6.29E-01	0.035749	8.82E-05	0.007018	6.72E-01		0.620165	0.030747	7.2E-05	0.007454	0.658437	
3050	480427.18	3851037.04	5.46962	7.19067	5.7873	5.22617		4.96E-01	0.03042	0.00011	0.0121	0.5383		6.26E-01	0.038395	9.2E-05	0.007066	6.71E-01		0.616698	0.033022	7.51E-05	0.007505	0.6573	
3051	480477.18	3851037.04	5.57193	7.3653	5.89139	5.72927		5.05E-01	0.03116	0.00011	0.01327	0.54948		6.37E-01	0.039327	9.36E-05	0.007747	6.84E-01		0.628233	0.033824	7.65E-05	0.008228	0.670361	
3052	480622.06	3851087.39	5.71476	7.28543	5.79141	6.18267		5.18E-01	0.03082	0.00011	0.01432	0.56313		6.54E-01	0.038901	9.2E-05	0.00836	7.01E-01		0.644337	0.033457	7.52E-05	0.008879	0.686748	
3053	480672.06	3851087.39	5.87811	7.17612	5.52057	5.95118		5.33E-01	0.03036	0.0001	0.01378	0.57693		6.72E-01	0.038317	8.77E-05	0.008047	7.19E-01		0.662755	0.032955	7.17E-05	0.008546	0.704328	
3054	480622.06	3851137.39	5.76083	7.46649	6.01805	6.18968		5.22E-01	0.03159	0.00011	0.01434	0.56809		6.59E-01	0.039867	9.56E-05	0.008369	7.07E-01		0.649532	0.034289	7.81E-05	0.008889	0.692787	
3055	480672.06	3851137.39	5.74404	7.39448	5.88739	6.32038		5.21E-01	0.03128	0.00011	0.01464	0.56657		6.57E-01	0.039483	9.36E-05	0.008546	7.05E-01		0.647639	0.033958	7.64E-05	0.009076	0.69075	
3056	480722.06	3851137.39	5.90579	7.30182	5.57905	6.08015		5.35E-01	0.03089	0.0001	0.01408	0.58027		6.75E-01	0.038988	8.87E-05	0.008221	7.23E-01		0.665876	0.033533	7.24E-05	0.008731	0.708212	
3057	480622.06	3851187.39	5.72175	7.72073	6.13204	5.94359		5.19E-01	0.03266	0.00011	0.01377	0.56506		6.54E-01	0.041225	9.75E-05	0.008036	7.04E-01		0.645125	0.035456	7.96E-05	0.008535	0.689197	
3058	480672.06	3851187.39	5.79881	7.57148	6.09965	6.31358		5.26E-01	0.03203	0.00011	0.01462	0.57227		6.63E-01	0.040428	9.69E-05	0.008537	7.12E-01		0.653814	0.034771	7.92E-05	0.009067	0.697731	
3059	480722.06	3851187.39	5.76941	7.5011	5.9805	6.46597		5.23E-01	0.03173	0.00011	0.01498	0.56966		6.60E-01	0.040052	9.5E-05	0.008743	7.09E-01		0.650499	0.034448	7.76E-05	0.009285	0.69431	
3060	471363.09	3845877.25	0.84972	0.92104	0.89428	0.7362		7.70E-02	0.0039	1.7E-05	0.00171	0.08262		9.72E-02	0.004918	1.42E-05	0.000995	1.03E-01		0.095806	0.00423	1.16E-05	0.001057	0.101104	
3061	471863.09	3845877.25	0.88842	0.95897	0.83216	0.6095		8.05E-02	0.00406	1.6E-05	0.00141	0.08599		1.02E-01	0.00512	1.32E-05	0.000824	1.08E-01		0.100169	0.004404	1.08E-05	0.000875	0.105459	
3062	472363.09	3845877.25	1.04186	1.05906	0.92047	0.62274		9.44E-02	0.00448	1.7E-05	0.00144	0.10036		1.19E-01	0.005655	1.46E-05	0.000842	1.26E-01		0.117469	0.004864	1.19E-05	0.000894	0.123239	
3063	472863.09	3845877.25	0.65792	0.69098	0.68128	0.55167		5.96E-02	0.00292	1.3E-05	0.00128	0.06384		7.53E-02	0.00369	1.08E-05	0.000746	7.97E-02		0.07418	0.003173	8.84E-06	0.000792	0.078155	
3064	473363.09	3845877.25	0.65069	0.74372	0.65291	0.48709		5.90E-02	0.00315	1.2E-05	0.00113	0.06325		7.44E-02	0.003971	1.04E-05	0.000659	7.91E-02		0.073365	0.003415	8.48E-06	0.000699	0.077488	
3065	473863.09	3845877.25	0.80172	0.85948	0.76879	0.51934		7.27E-02	0.00364	1.4E-05	0.0012	0.07751		9.17E-02	0.004589	1.22E-05	0.000702	9.70E-02		0.090394	0.003947	9.98E-06	0.000746	0.095096	
3066	474363.09	3845877.25	0.72273	0.79904	0.63247	0.55281		6.55E-02	0.00338	1.2E-05	0.00128	0.07017		8.27E-02	0.004266	1.01E-05	0.000747	8.77E-02		0.081488	0.003669	8.21E-06	0.000794	0.085959	
3067	474863.09	3845877.25	1.25469	1.40808	1.08108	0.7603		1.14E-01	0.00596	2E-05	0.00176	0.12144		1.44E-01	0.007518	1.72E-05	0.001028	1.52E-01		0.141466	0.006466	1.4E-05	0.001092	0.149038	
3068	475363.09	3845877.25	1.7559	1.94505	1.61072	1.11935		1.59E-01	0.00823	3E-05	0.00259	0.16997		2.01E-01	0.010386	2.56E-05	0.001513	2.13E-01		0.197977	0.008932	2.09E-05	0.001607	0.208538	
3069	475863.09	3845877.25	1.81224	2.08037	1.79335	1.18296		1.64E-01	0.0088	3.4E-05	0.00274	0.1758		2.07E-01	0.011108	2.85E-05	0.001599	2.20E-01		0.204329	0.009554	2.33E-05	0.001699	0.215605	
3070	476363.09	3845877.25	1.69584	1.83125	1.82535	1.15736		1.54E-01	0.00775	3.4E-05	0.00268	0.16414		1.94E-01	0.009778	2.9E-05	0.001565	2.05E-01		0.191205	0.00841	2.37E-05	0.001662	0.201301	
3071	476863.09	3845877.25	1.22038	1.42309	1.43411	1.23561		1.11E-01	0.00602	2.7E-05	0.00286	0.1195		1.40E-01	0.007599	2.28E-05	0.001671	1.49E-01		0.137597	0.006535	1.86E-05	0.001774	0.145926	
3072	477363.09	3845877.25	1.10827	1.25147	1.11819	0.95764		1.00E-01	0.00529	2.1E-05	0.00222	0.10797		1.27E-01	0.006682	1.78E-05	0.001295	1.35E-01		0.124957	0.005747	1.45E-05	0.001375	0.132094	
3073	477863.09	3845877.25	0.87924	1.04188	0.87795	0.55313		7.97E-02	0.00441	1.6E-05	0.00128	0.08538		1.01E-01	0.005563	1.4E-05	0.000748	1.07E-01		0.099134	0.004785	1.14E-05	0.000794	0.104724	
3074	478363.09	3845877.25	0.81665	0.75895	0.92759	0.63641		7.40E-02	0.00321	1.7E-05	0.00147	0.07871		9.34E-02	0.004052	1.47E-05	0.00086	9.83E-02		0.092077	0.003485	1.2E-05	0.000914	0.096488	
3075	478863.09	3845877.25	0.83752	1.0329	0.83243	0.56544		7.59E-02	0.00437	1.6E-05	0.00131	0.08159		9.58E-02	0.005515	1.32E-05	0.000765	1.02E-01		0.09443	0.004743	1.08E-05	0.000812	0.099996	
3076	479363.09	3845877.25	0.71931	0.92273	0.72602	0.53452		6.52E-02	0.0039	1.4E-05	0.00124	0.07034		8.23E-02	0.004927	1.15E-05	0.000723	8.79E-02		0.081102	0.004238	9.42E-06	0.000768	0.086116	
3077	479863.09	3845877.25	0.88002	0.82139	0.97185	0.55162		7.97E-02	0.00347	1.8E-05	0.00128	0.08452		1.01E-01	0.004386	1.54E-05	0.000746	1.06E-01		0.099222	0.003772	1.26E-05	0.000792	0.103799	
3078	480363.09	3845877.25	0.65679	0.60471	0.79693	0.44319		5.95E-02	0.00256	1.5E-05	0.00103	0.06312		7.51E-02	0.003229	1.27E-05	0.000599	7.90E-02		0.074053	0.002777	1.03E-05	0.000636	0.077477	
3079	480863.09	3845877.25	0.55383	0.62349	0.70207	0.42105		5.02E-02	0.00264	1.3E-05	0.00098	0.05382		6.33E-02	0.003329	1.12E-05	0.000569	6.73E-02		0.062444	0.002863	9.11E-06	0.000605	0.065921	
3080	481363.09	3845877.25	0.45302	0.67363	0.528	0.37611		4.11E-02	0.00285	9.9E-06	0.00087	0.04478		5.18E-02	0.003597	8.39E-06	0.000509	5.59E-02		0.051078	0.003094	6.85E-06	0.00054	0.054718	
3081	481863.09	3845877.25	0.37776	0.42567	0.45968	0.35452		3.42E-02	0.0018	8.6E-06	0.00082	0.03686		4.32E-02	0.002273	7.31E-06	0.000479	4.60E-02		0.042592	0.001955	5.97E-06	0.000509	0.045062	
3082	482363.09	3845877.25	0.29688	0.34985	0.37269	0.29668		2.69E-02	0.00148	7E-06	0.00069	0.02908		3.40E-02	0.001868	5.92E-06	0.000401	3.62E-02		0.033473	0.001607	4.84E-06	0.000426	0.035511	
3083	482863.09	3845877.25	0.21924	0.24805	0.28459	0.22377		1.99E-02	0.00105	5.3E-06	0.00052	0.02144		2.51E-02	0.001324	4.52E-06	0.000303	2.67E-02		0.024719	0.001139	3.69E-06	0.000321	0.026183	
3084	483363.09	3845877.25	0.18245	0.25735	0.22092	0.19205		1.65E-02	0.00109	4.1E-06	0.00044	0.01807		2.09E-02	0.001374	3.51E-06	0.00026	2.25E-02		0.020571	0.001182	2.87E-06	0.000276	0.022032	
3085	483863.09	3845877.25	0.22625	0.29619	0.2963	0.23774		2.05E-02	0.00125	5.5E-06	0.00055	0.02231		2.59E-02	0.001582	4.71E-06	0.000321	2.78E-02		0.02551	0.00136	3.85E-06	0.000341	0.027215	
3086	484363.09	3845877.25	0.21045	0.30707	0.26045	0.2267		1.91E-02	0.0013	4.9E-06	0.00053	0.0209		2.41E-02	0.00164	4.14E-06	0.000307	2.60E-02		0.023728	0.00141	3.38E-06	0.000326	0.025467	
3087	484863.09	3845877.25	0.19271	0.25542	0.23491	0.20896		1.75E-02	0.00108	4.4E-06	0.00048	0.01903		2.20E-02	0.001364	3.73E-06	0.000283	2.37E-02		0.021728	0.001173	3.05E-06	0.0003	0.023204	
3088	485363.09	3845877.25	0.15752	0.22139	0.1984	0.19534		1.43E-02	0.00094	3.7E-06	0.00045	0.01567		1.80E-02	0.001182	3.15E-06	0.000264	1.95E-02		0.01776	0.001017	2.58E-06	0.000281	0.01906	
3089	485863.09	3845877.25	0.16117	0.2465	0.19326	0.18224		1.46E-02	0.00104	3.6E-06	0.00042	0.01607		1.84E-02	0.001316	3.07E-06	0.000246	2.00E-02		0.018172	0.001132	2.51E-06	0.000262	0.019568	
3090	486363.09	3845877.25	0.14586	0.20526	0.17373	0.17049		1.32E-02	0.00087	3.3E-06	0.00039	0.01448		1.67E-02	0.001096	2.76E-06	0.000231	1.80E-02		0.016446	0.000943	2.26E-06	0.000245	0.017635	
3091	486863.09	3845877.25	0.13247	0.1892	0.15899	0.15663		1.20E-02	0.0008	3E-06	0.00036	0.01317		1.52E-02	0.00101	2.53E-06	0.000212	1.64E-02		0.014936	0.000869	2.06E-06	0.000225	0.016032	
3092	487363.09	3845877.25	0.12759	0.17585	0.15233	0.15072		1.16E-02	0.00074	2.9E-06	0.00035	0.01266		1.46E-02	0.000939	2.42E-06	0.000204	1.57E-02		0.014386	0.000808	1.98E-06	0.000216	0.015412	
3093	487863.09	3845877.25	0.1155	0.16309	0.15269	0.13715		1.05E-02	0.00069	2.9E-06	0.00032	0.01148		1.32E-02	0.000871	2.43E-06	0.000185	1.43E-02		0.013023	0.000749	1.98E-06	0.000197	0.01397	
3094	488363.09	3845877.25	0.10964	0.14262	0.13788	0.13566		9.94E-03	0.0006	2.6E-06	0.00031	0.01086		1.25E-02	0.000762	2.19E-06	0.000183	1.35E-02		0.012362	0.000655	1.79E-06	0.000195	0.013213	
3095	488863.09	3845877.25	0.12337	0.19418	0.15673	0.15277		1.12E-02	0.00082	2.9E-06	0.00035	0.01236		1.41E-02	0.001037	2.49E-06	0.000207	1.54E-02		0.01391	0.000892	2.03E-06	0.000219	0.015023	
3096	489363.09	3845877.25	0.12725	0.17006	0.16259	0.14901		1.15E-02	0.00072	3E-06	0.00035	0.0126		1.46E-02	0.000908	2.58E-06	0.000201	1.57E-02		0.014347	0.000781	2.11E-06	0.000214	0.015344	
3097	489863.09	3845877.25	0.11604	0.16257	0.14445	0.14506		1.05E-02	0.00069	2.7E-06	0.00034	0.01154		1.33E-02	0.000868	2.3E-06	0.000196	1.43E-02		0.013083	0.000747	1.88E-06	0.000208	0.01404	
3098	490363.09	3845877.25	0.1053	0.15471	0.13014	0.14066		9.54E-03	0.00065	2.4E-06	0.00033	0.01053		1.20E-02	0.000826	2.07E-06	0.00019	1.31E-02		0.011873	0.00071	1.69E-06	0.000202	0.012787	
3099	490863.09	3845877.25	0.08026	0.13644	0.10025	0.13232		7.27E-03	0.00058	1.9E-06	0.00031	0.00816		9.18E-03	0.000729	1.59E-06	0.000179	1.01E-02		0.009049	0.000627	1.3E-06	0.00019	0.009867	
3100	491363.09	3845877.25	0.09275	0.15565	0.11904	0.13299		8.41E-03	0.00066	2.2E-06	0.00031	0.00937		1.06E-02	0.000831	1.89E-06	0.00018	1.16E-02		0.010458	0.000715	1.55E-06	0.000191	0.011365	
3101	491863.09	3845877.25	0.09828	0.19795	0.12353	0.13779		8.91E-03	0.00084	2.3E-06	0.00032	0.01007		1.12E-02	0.001057	1.96E-06	0.000186	1.25E-02		0.011081	0.000909	1.6E-06	0.000198	0.01219	
3102	492363.09	3845877.25	0.08509	0.15622	0.1063	0.12773		7.71E-03	0.00066	2E-06	0.0003	0.00867		9.73E-03	0.000834	1.69E-06	0.000173	1.07E-02		0.009594	0.000717	1.38E-06	0.000183	0.010496	
3103	492863.09	3845877.25	0.10618	0.18662	0.1336	0.13945		9.62E-03	0.00079	2.5E-06	0.00032	0.01074		1.21E-02	0.000996	2.12E-06	0.000189	1.33E-02		0.011972	0.000857	1.73E-06	0.0002	0.013031	
3104	493363.09	3845877.25	0.11116	0.20306	0.1443	0.13667		1.01E-02	0.00086	2.7E-06	0.00032	0.01125		1.27E-02	0.001084	2.29E-06	0.000185	1.40E-02		0.012533	0.000933	1.87E-06	0.000196	0.013664	
3105	493863.09	3845877.25	0.12228	0.21794	0.15911	0.14454		1.11E-02	0.00092	3E-06	0.00033	0.01234		1.40E-02	0.001164	2.53E-06	0.000195	1.53E-02		0.013787	0.001001	2.07E-06	0.000208	0.014998	
3106	494363.09	3845877.25	0.12476	0.19399	0.15855	0.14868		1.13E-02	0.00082	3E-06	0.00034	0.01247		1.43E-02	0.001036	2.52E-06	0.000201	1.55E-02		0.014067	0.000891	2.06E-06	0.000214	0.015173	
3107	494863.09	3845877.25	0.12585	0.20821	0.16095	0.1532		1.14E-02	0.00088	3E-06	0.00035	0.01264		1.44E-02	0.001112	2.56E-06	0.000207	1.57E-02		0.01419	0.000956	2.09E-06	0.00022	0.015368	

3108	495363.09	3845877.25	0.12477	0.22291	0.16485	0.15296	1.13E-02	0.00094	3.1E-06	0.00035	0.01261	1.43E-02	0.00119	2.62E-06	0.000207	1.57E-02	0.014068	0.001024	2.14E-06	0.00022	0.015313
3109	495863.09	3845877.25	0.12624	0.2355	0.17135	0.14747	1.14E-02	0.001	3.2E-06	0.00034	0.01278	1.44E-02	0.001257	2.72E-06	0.000199	1.59E-02	0.014234	0.001082	2.22E-06	0.000212	0.015529
3110	496363.09	3845877.25	0.13428	0.27634	0.17729	0.14686	1.22E-02	0.00117	3.3E-06	0.00034	0.01368	1.54E-02	0.001476	2.82E-06	0.000199	1.70E-02	0.01514	0.001269	2.3E-06	0.000211	0.016622
3111	496863.09	3845877.25	0.13589	0.30205	0.17893	0.15155	1.23E-02	0.00128	3.3E-06	0.00035	0.01395	1.55E-02	0.001613	2.84E-06	0.000205	1.74E-02	0.015322	0.001387	2.32E-06	0.000218	0.016929
3112	497363.09	3845877.25	0.13668	0.29377	0.18367	0.15473	1.24E-02	0.00124	3.4E-06	0.00036	0.01399	1.56E-02	0.001569	2.92E-06	0.000209	1.74E-02	0.015411	0.001349	2.38E-06	0.000222	0.016984
3113	497863.09	3845877.25	0.13786	0.27709	0.18107	0.15912	1.25E-02	0.00117	3.4E-06	0.00037	0.01404	1.58E-02	0.00148	2.88E-06	0.000215	1.75E-02	0.015544	0.001273	2.35E-06	0.000229	0.017047
3114	498363.09	3845877.25	0.13753	0.28992	0.18163	0.15998	1.25E-02	0.00123	3.4E-06	0.00037	0.01406	1.57E-02	0.001548	2.89E-06	0.000216	1.75E-02	0.015506	0.001331	2.36E-06	0.00023	0.01707
3115	471363.09	3846377.25	1.15383	1.31491	1.18057	0.99656	1.05E-01	0.00556	2.2E-05	0.00231	0.11246	1.32E-01	0.007021	1.88E-05	0.001347	1.40E-01	0.130094	0.006039	1.53E-05	0.001431	0.137579
3116	471863.09	3846377.25	1.14775	1.22273	1.09752	1.03059	1.04E-01	0.00517	2.1E-05	0.00239	0.11159	1.31E-01	0.006529	1.74E-05	0.001393	1.39E-01	0.129408	0.005615	1.42E-05	0.00148	0.136518
3117	472363.09	3846377.25	0.88494	0.9457	0.9391	0.73889	8.02E-02	0.004	1.8E-05	0.00171	0.08592	1.01E-01	0.00505	1.49E-05	0.000999	1.07E-01	0.099777	0.004343	1.22E-05	0.001061	0.105193
3118	472863.09	3846377.25	0.91572	0.95511	0.89666	0.67237	8.30E-02	0.00404	1.7E-05	0.00156	0.0886	1.05E-01	0.0051	1.43E-05	0.000909	1.11E-01	0.103247	0.004386	1.16E-05	0.000966	0.108611
3119	473363.09	3846377.25	0.76837	0.78738	0.73812	0.64971	6.96E-02	0.00333	1.4E-05	0.0015	0.07448	8.79E-02	0.004204	1.17E-05	0.000878	9.30E-02	0.086633	0.003616	9.58E-06	0.000933	0.091192
3120	473863.09	3846377.25	0.80365	0.86515	0.82557	0.69102	7.28E-02	0.00366	1.5E-05	0.0016	0.0781	9.19E-02	0.004619	1.31E-05	0.000934	9.75E-02	0.090611	0.003973	1.07E-05	0.000992	0.095587
3121	474363.09	3846377.25	0.96928	1.10085	0.88837	0.7181	8.78E-02	0.00466	1.7E-05	0.00166	0.09418	1.11E-01	0.005878	1.41E-05	0.000971	1.18E-01	0.109286	0.005056	1.15E-05	0.001031	0.115384
3122	474863.09	3846377.25	0.92283	1.01796	0.70026	0.58963	8.36E-02	0.00431	1.3E-05	0.00137	0.08931	1.06E-01	0.005435	1.11E-05	0.000797	1.12E-01	0.104049	0.004675	9.09E-06	0.000847	0.109579
3123	475363.09	3846377.25	1.39225	1.56042	1.15854	0.85451	1.26E-01	0.0066	2.2E-05	0.00198	0.13477	1.59E-01	0.008332	1.84E-05	0.001155	1.69E-01	0.156976	0.007166	1.5E-05	0.001227	0.165384
3124	475863.09	3846377.25	2.09857	2.32741	1.92735	1.27286	1.90E-01	0.00985	3.6E-05	0.00295	0.20301	2.40E-01	0.012427	3.06E-05	0.001721	2.54E-01	0.236613	0.010688	2.5E-05	0.001828	0.249154
3125	476363.09	3846377.25	2.00507	2.35746	1.98133	1.28255	1.82E-01	0.00997	3.7E-05	0.00297	0.19468	2.29E-01	0.012588	3.15E-05	0.001734	2.44E-01	0.226071	0.010826	2.57E-05	0.001842	0.238765
3126	476863.09	3846377.25	1.80668	1.89267	1.95639	1.40109	1.64E-01	0.00801	3.7E-05	0.00325	0.17501	2.07E-01	0.010106	3.11E-05	0.001894	2.19E-01	0.203703	0.008692	2.54E-05	0.002012	0.214432
3127	477363.09	3846377.25	1.42119	1.52974	1.51148	1.32849	1.29E-01	0.00647	2.8E-05	0.00308	0.13837	1.63E-01	0.008168	2.4E-05	0.001796	1.73E-01	0.160239	0.007025	1.96E-05	0.001908	0.169191
3128	477863.09	3846377.25	1.103	1.41532	1.1625	0.88506	1.00E-01	0.00599	2.2E-05	0.00205	0.10802	1.26E-01	0.007557	1.85E-05	0.001197	1.35E-01	0.124363	0.0065	1.51E-05	0.001271	0.132149
3129	478363.09	3846377.25	1.00281	1.0127	1.13061	0.66637	9.09E-02	0.00428	2.1E-05	0.00154	0.09673	1.15E-01	0.005407	1.8E-05	0.000901	1.21E-01	0.113066	0.004651	1.47E-05	0.000957	0.118689
3130	478863.09	3846377.25	0.90919	0.95857	0.88407	0.75126	8.24E-02	0.00406	1.7E-05	0.00174	0.0882	1.04E-01	0.005118	1.41E-05	0.001016	1.10E-01	0.102511	0.004402	1.15E-05	0.001079	0.108003
3131	479363.09	3846377.25	0.99182	1.18987	0.97867	0.70839	8.99E-02	0.00503	1.8E-05	0.00164	0.09657	1.13E-01	0.006353	1.56E-05	0.000958	1.21E-01	0.111827	0.005464	1.27E-05	0.001017	0.118322
3132	479863.09	3846377.25	0.87265	0.93285	0.94133	0.51694	7.91E-02	0.00395	1.8E-05	0.0012	0.08424	9.98E-02	0.004981	1.5E-05	0.000699	1.06E-01	0.098391	0.004284	1.22E-05	0.000742	0.10343
3133	480363.09	3846377.25	0.93928	0.92403	1.11653	0.61123	8.51E-02	0.00391	2.1E-05	0.00142	0.09047	1.07E-01	0.004934	1.77E-05	0.000826	1.13E-01	0.105903	0.004243	1.45E-05	0.000878	0.111039
3134	480863.09	3846377.25	0.68287	0.66945	0.79748	0.47892	6.19E-02	0.00283	1.5E-05	0.00111	0.06584	7.81E-02	0.003575	1.27E-05	0.000648	8.23E-02	0.076993	0.003074	1.04E-05	0.000688	0.080766
3135	481363.09	3846377.25	0.61288	0.73269	0.67876	0.47727	5.55E-02	0.0031	1.3E-05	0.00111	0.05976	7.01E-02	0.003912	1.08E-05	0.000645	7.47E-02	0.069102	0.003365	8.81E-06	0.000685	0.073161
3136	481863.09	3846377.25	0.43569	0.65702	0.51295	0.38026	3.95E-02	0.00278	9.6E-06	0.00088	0.04315	4.98E-02	0.003508	8.15E-06	0.000514	5.39E-02	0.049124	0.003017	6.66E-06	0.000546	0.052694
3137	482363.09	3846377.25	0.34785	0.40794	0.43134	0.32582	3.15E-02	0.00173	8.1E-06	0.00075	0.03401	3.98E-02	0.002178	6.86E-06	0.000441	4.24E-02	0.03922	0.001873	5.6E-06	0.000468	0.041567
3138	482863.09	3846377.25	0.26672	0.32524	0.3341	0.27433	2.42E-02	0.00138	6.3E-06	0.00064	0.02619	3.05E-02	0.001737	5.31E-06	0.000371	3.26E-02	0.030073	0.001494	4.34E-06	0.000394	0.031965
3139	483363.09	3846377.25	0.2781	0.33438	0.3704	0.27966	2.52E-02	0.00141	6.9E-06	0.00065	0.02727	3.18E-02	0.001785	5.89E-06	0.000378	3.40E-02	0.031356	0.001536	4.81E-06	0.000402	0.033298
3140	483863.09	3846377.25	0.26223	0.3549	0.33254	0.26433	2.38E-02	0.0015	6.2E-06	0.00061	0.02588	3.00E-02	0.001895	5.29E-06	0.000357	3.23E-02	0.029566	0.00163	4.32E-06	0.00038	0.03158
3141	484363.09	3846377.25	0.22121	0.29931	0.2745	0.23161	2.00E-02	0.00127	5.1E-06	0.00054	0.02185	2.53E-02	0.001598	4.36E-06	0.000313	2.72E-02	0.024941	0.001375	3.56E-06	0.000333	0.026652
3142	484863.09	3846377.25	0.23284	0.28779	0.28338	0.24348	2.11E-02	0.00122	5.3E-06	0.00056	0.02289	2.66E-02	0.001537	4.5E-06	0.000329	2.85E-02	0.026253	0.001322	3.68E-06	0.00035	0.027928
3143	485363.09	3846377.25	0.20415	0.28227	0.25942	0.23819	1.85E-02	0.00119	4.9E-06	0.00055	0.02025	2.34E-02	0.001507	4.12E-06	0.000322	2.52E-02	0.023018	0.001296	3.37E-06	0.000342	0.02466
3144	485863.09	3846377.25	0.18356	0.26105	0.2375	0.19939	1.66E-02	0.0011	4.4E-06	0.00046	0.01821	2.10E-02	0.001394	3.77E-06	0.00027	2.27E-02	0.020696	0.001199	3.08E-06	0.000286	0.022185
3145	486363.09	3846377.25	0.14278	0.20913	0.16954	0.16867	1.29E-02	0.00088	3.2E-06	0.00039	0.01422	1.63E-02	0.001117	2.69E-06	0.000228	1.77E-02	0.016098	0.00096	2.2E-06	0.000242	0.017303
3146	486863.09	3846377.25	0.12517	0.18375	0.1598	0.15621	1.13E-02	0.00078	3E-06	0.00036	0.01249	1.43E-02	0.000981	2.54E-06	0.000211	1.55E-02	0.014113	0.000844	2.07E-06	0.000224	0.015183
3147	487363.09	3846377.25	0.13566	0.1794	0.16487	0.15673	1.23E-02	0.00076	3.1E-06	0.00036	0.01342	1.55E-02	0.000958	2.62E-06	0.000212	1.67E-02	0.015296	0.000824	2.14E-06	0.000225	0.016347
3148	487863.09	3846377.25	0.15943	0.18268	0.20701	0.16809	1.44E-02	0.00077	3.9E-06	0.00039	0.01561	1.82E-02	0.000975	3.29E-06	0.000227	1.94E-02	0.017976	0.000839	2.69E-06	0.000241	0.019059
3149	488363.09	3846377.25	0.14675	0.18806	0.18922	0.1652	1.33E-02	0.0008	3.5E-06	0.00038	0.01448	1.68E-02	0.001004	3.01E-06	0.000223	1.80E-02	0.016546	0.000864	2.46E-06	0.000237	0.017649
3150	488863.09	3846377.25	0.13761	0.23711	0.17627	0.16629	1.25E-02	0.001	3.3E-06	0.00039	0.01386	1.57E-02	0.001266	2.8E-06	0.000225	1.72E-02	0.015515	0.001089	2.29E-06	0.000239	0.016845
3151	489363.09	3846377.25	0.14116	0.18325	0.17731	0.15678	1.28E-02	0.00078	3.3E-06	0.00036	0.01393	1.61E-02	0.000978	2.82E-06	0.000212	1.73E-02	0.015916	0.000842	2.3E-06	0.000225	0.016985
3152	489863.09	3846377.25	0.12744	0.18991	0.16169	0.15361	1.15E-02	0.0008	3E-06	0.00036	0.01271	1.46E-02	0.001014	2.57E-06	0.000208	1.58E-02	0.014369	0.000872	2.1E-06	0.000221	0.015464
3153	490363.09	3846377.25	0.10313	0.15061	0.13951	0.14267	9.35E-03	0.00064	2.6E-06	0.00033	0.01032	1.18E-02	0.000804	2.22E-06	0.000193	1.28E-02	0.011628	0.000692	1.81E-06	0.000205	0.012526
3154	490863.09	3846377.25	0.09349	0.16996	0.12455	0.13662	8.47E-03	0.00072	2.3E-06	0.00032	0.00951	1.07E-02	0.000908	1.98E-06	0.000185	1.18E-02	0.010541	0.000781	1.62E-06	0.000196	0.011519
3155	491363.09	3846377.25	0.09232	0.16244	0.1202	0.13703	8.37E-03	0.00069	2.3E-06	0.00032	0.00937	1.06E-02	0.000867	1.91E-06	0.000185	1.16E-02	0.010409	0.000746	1.56E-06	0.000197	0.011353
3156	491863.09	3846377.25	0.10997	0.20344	0.13851	0.13906	9.97E-03	0.00086	2.6E-06	0.00032	0.01115	1.26E-02	0.001086	2.2E-06	0.000188	1.39E-02	0.012399	0.000934	1.8E-06	0.0002	0.013535
3157	492363.09	3846377.25	0.1066	0.19336	0.13669	0.13993	9.66E-03	0.00082	2.6E-06	0.00032	0.0108	1.22E-02	0.001032	2.17E-06	0.000189	1.34E-02	0.012019	0.000888	1.77E-06	0.000201	0.01311
3158	492863.09	3846377.25	0.10818	0.19332	0.13847	0.13956	9.80E-03	0.00082	2.6E-06	0.00032	0.01095	1.24E-02	0.001032	2.2E-06	0.000189	1.36E-02	0.012197	0.000888	1.8E-06	0.0002	0.013287
3159	493363.09	3846377.25	0.12248	0.23778	0.16142	0.14811	1.11E-02	0.00101	3E-06	0.00034	0.01245	1.40E-02	0.00127	2.57E-06	0.0002	1.55E-02	0.01381	0.001092	2.1E-06	0.000213	0.015116
3160	493863.09	3846377.25	0.12661	0.20049	0.16382	0.15364	1.15E-02	0.00085	3.1E-06	0.00036	0.01268	1.45E-02	0.001071	2.6E-06	0.000208	1.58E-02	0.014275	0.000921	2.13E-06	0.000221	0.015419
3161	494363.09	3846377.25	0.13026	0.23623	0.16717	0.1595	1.18E-02	0.001	3.1E-06	0.00037	0.01318	1.49E-02	0.001261	2.66E-06	0.000216	1.64E-02	0.014687	0.001085	2.17E-06	0.000229	0.016003
3162	494863.09	3846377.25	0.12948	0.22989	0.17171	0.1576	1.17E-02	0.00097	3.2E-06	0.00037	0.01307	1.48E-02	0.001228	2.73E-06	0.000213	1.63E-02	0.014599	0.001056	2.23E-06	0.000226	0.015883
3163	495363.09	3846377.25	0.12845	0.24646	0.17417	0.15034	1.16E-02	0.00104	3.3E-06	0.00035	0.01303	1.47E-02	0.001316	2.77E-06	0.000203	1.62E-02	0.014483	0.001132	2.26E-06	0.000216	0.015833
3164	495863.09	3846377.25	0.13673	0.28068	0.17863	0.15044	1.24E-02	0.00119	3.3E-06	0.00035	0.01393	1.56E-02	0.001499	2.84E-06	0.000203	1.73E-02	0.015416	0.001289	2.32E-06	0.000216	0.016924
3165	496363.09	3846377.25	0.14161	0.32895	0.18716	0.15906	1.28E-02	0.00139	3.5E-06	0.00037	0.0146	1.62E-02	0.001756	2.97E-06	0.000215	1.82E-02	0.015966	0.001511	2.43E-06	0.000228	0.017708
3166	496863.09	3846377.25	0.14421	0.32755	0.19364	0.16298	1.31E-02	0.00139	3.6E-06	0.00038	0.01484	1.65E-02	0.001749	3.08E-06	0.00022	1.85E-02	0.01626	0.001504	2.51E-06	0.000234	0.018
3167	497363.09	3846377.25	0.14671	0.31456	0.19303	0.16613	1.33E-02	0.00133	3.6E-06	0.00038	0.01501	1.68E-02	0.00168	3.07E-06	0.000225	1.87E-02	0.016542	0.001445	2.51E-06	0.000239	0.018227
3168	497863.09	3846377.25	0.14646	0.32757	0.19491	0.17126	1.33E-02	0.00139	3.6E-06	0.0004	0.01506	1.68E-02	0.001749	3.1E-06	0.000232	1.87E-02	0.016513	0.001504	2.53E-06	0.000246	0.018266

3169	498363.09	3846377.25	0.14492	0.32043	0.19351	0.17545	1.31E-02	0.00136	3.6E-06	0.00041	0.0149	1.66E-02	0.001711	3.08E-06	0.000237	1.85E-02	0.01634	0.001472	2.51E-06	0.000252	0.018066
3170	471363.09	3846877.25	1.33297	1.50564	1.27217	1.22927	1.21E-01	0.00637	2.4E-05	0.00285	0.13004	1.52E-01	0.008039	2.02E-05	0.001662	1.62E-01	0.150292	0.006914	1.65E-05	0.001765	0.158988
3171	471863.09	3846877.25	1.27464	1.39473	1.24967	1.22739	1.16E-01	0.0059	2.3E-05	0.00284	0.12428	1.46E-01	0.007447	1.99E-05	0.00166	1.55E-01	0.143715	0.006405	1.62E-05	0.001763	0.151899
3172	472363.09	3846877.25	1.18353	1.24849	1.14758	1.0763	1.07E-01	0.00528	2.1E-05	0.00249	0.11505	1.35E-01	0.006666	1.82E-05	0.001455	1.44E-01	0.133443	0.005734	1.49E-05	0.001546	0.140737
3173	472863.09	3846877.25	1.01965	1.05026	1.00478	0.84298	9.24E-02	0.00444	1.9E-05	0.00195	0.09882	1.17E-01	0.005608	1.6E-05	0.00114	1.23E-01	0.114965	0.004823	1.3E-05	0.001211	0.121012
3174	473363.09	3846877.25	1.13643	1.11154	1.08081	0.85935	1.03E-01	0.0047	2E-05	0.00199	0.1097	1.30E-01	0.005935	1.72E-05	0.001162	1.37E-01	0.128132	0.005105	1.4E-05	0.001234	0.134485
3175	473863.09	3846877.25	1.02671	1.02335	1.00817	0.75073	9.30E-02	0.00433	1.9E-05	0.00174	0.09913	1.17E-01	0.005464	1.6E-05	0.001015	1.24E-01	0.115761	0.0047	1.31E-05	0.001078	0.121552
3176	474363.09	3846877.25	1.06037	1.12056	0.98748	0.73618	9.61E-02	0.00474	1.8E-05	0.00171	0.10256	1.21E-01	0.005983	1.57E-05	0.000995	1.28E-01	0.119556	0.005146	1.28E-05	0.001057	0.125772
3177	474863.09	3846877.25	1.10204	1.22178	0.92107	0.74666	9.99E-02	0.00517	1.7E-05	0.00173	0.10678	1.26E-01	0.006524	1.46E-05	0.00101	1.34E-01	0.124255	0.005611	1.2E-05	0.001072	0.13095
3178	475363.09	3846877.25	0.91569	1.02844	0.73741	0.61321	8.30E-02	0.00435	1.4E-05	0.00142	0.08877	1.05E-01	0.005491	1.17E-05	0.000829	1.11E-01	0.103244	0.004723	9.57E-06	0.000881	0.108857
3179	475863.09	3846877.25	1.51232	1.66215	1.2312	0.91761	1.37E-01	0.00703	2.3E-05	0.00213	0.14623	1.73E-01	0.008875	1.96E-05	0.001241	1.83E-01	0.170514	0.007633	1.6E-05	0.001318	0.17948
3180	476363.09	3846877.25	2.28654	2.50416	2.20982	1.40946	2.07E-01	0.01059	4.1E-05	0.00326	0.22111	2.62E-01	0.013371	3.51E-05	0.001906	2.77E-01	0.257807	0.0115	2.87E-05	0.002024	0.271359
3181	476863.09	3846877.25	2.24479	2.54662	2.23387	1.42476	2.03E-01	0.01077	4.2E-05	0.0033	0.21754	2.57E-01	0.013598	3.55E-05	0.001926	2.72E-01	0.253099	0.011695	2.9E-05	0.002046	0.266869
3182	477363.09	3846877.25	1.93125	2.05507	2.08992	1.67208	1.75E-01	0.00869	3.9E-05	0.00387	0.18762	2.21E-01	0.010973	3.32E-05	0.002261	2.34E-01	0.217748	0.009438	2.71E-05	0.002401	0.229614
3183	477863.09	3846877.25	1.51736	1.58085	1.66835	1.39453	1.38E-01	0.00669	3.1E-05	0.00323	0.14746	1.74E-01	0.008441	2.65E-05	0.001886	1.84E-01	0.171082	0.00726	2.17E-05	0.002003	0.180366
3184	478363.09	3846877.25	1.22238	1.70147	1.13569	0.89809	1.11E-01	0.0072	2.1E-05	0.00208	0.12007	1.40E-01	0.009085	1.8E-05	0.001214	1.50E-01	0.137823	0.007814	1.47E-05	0.00129	0.146941
3185	478863.09	3846877.25	1.06437	1.06894	1.29743	0.87651	9.65E-02	0.00452	2.4E-05	0.00203	0.10303	1.22E-01	0.005708	2.06E-05	0.001185	1.29E-01	0.120007	0.004909	1.68E-05	0.001259	0.126192
3186	479363.09	3846877.25	1.1731	1.16312	1.24693	0.73604	1.06E-01	0.00492	2.3E-05	0.0017	0.11296	1.34E-01	0.006211	1.98E-05	0.000995	1.41E-01	0.132267	0.005341	1.62E-05	0.001057	0.138681
3187	479863.09	3846877.25	0.82219	1.03132	0.78352	0.57888	7.45E-02	0.00436	1.5E-05	0.00134	0.08023	9.40E-02	0.005507	1.25E-05	0.000783	1.00E-01	0.092702	0.004736	1.02E-05	0.000831	0.098279
3188	480363.09	3846877.25	0.7364	0.81011	0.91799	0.51936	6.67E-02	0.00343	1.7E-05	0.0012	0.07138	8.42E-02	0.004326	1.46E-05	0.000702	8.93E-02	0.083029	0.00372	1.19E-05	0.000746	0.087507
3189	480863.09	3846877.25	0.60532	0.59237	0.73145	0.44575	5.49E-02	0.00251	1.4E-05	0.00103	0.05841	6.92E-02	0.003163	1.16E-05	0.000603	7.30E-02	0.06825	0.00272	9.49E-06	0.00064	0.07162
3190	481363.09	3846877.25	0.61926	0.70095	0.83172	0.46799	5.61E-02	0.00297	1.6E-05	0.00108	0.06018	7.08E-02	0.003743	1.32E-05	0.000633	7.52E-02	0.069821	0.003219	1.08E-05	0.000672	0.073723
3191	481863.09	3846877.25	0.51849	0.83653	0.62404	0.43105	4.70E-02	0.00354	1.2E-05	0.001	0.05154	5.93E-02	0.004467	9.92E-06	0.000583	6.44E-02	0.05846	0.003842	8.1E-06	0.000619	0.062928
3192	482363.09	3846877.25	0.38773	0.47219	0.48561	0.37603	3.51E-02	0.002	9.1E-06	0.00087	0.03801	4.43E-02	0.002521	7.72E-06	0.000508	4.74E-02	0.043716	0.002168	6.3E-06	0.00054	0.046431
3193	482863.09	3846877.25	0.33684	0.48344	0.42668	0.32194	3.05E-02	0.00205	8E-06	0.00075	0.03332	3.85E-02	0.002581	6.78E-06	0.000435	4.16E-02	0.037979	0.00222	5.54E-06	0.000462	0.040667
3194	483363.09	3846877.25	0.33081	0.43099	0.43332	0.31218	3.00E-02	0.00182	8.1E-06	0.00072	0.03253	3.78E-02	0.002301	6.89E-06	0.000422	4.06E-02	0.037299	0.001979	5.62E-06	0.000448	0.039732
3195	483863.09	3846877.25	0.30245	0.39256	0.3928	0.30247	2.74E-02	0.00166	7.4E-06	0.0007	0.02978	3.46E-02	0.002096	6.24E-06	0.000409	3.71E-02	0.034101	0.001803	5.1E-06	0.000434	0.036343
3196	484363.09	3846877.25	0.2849	0.42039	0.36026	0.28812	2.58E-02	0.00178	6.7E-06	0.00067	0.02827	3.26E-02	0.002245	5.73E-06	0.00039	3.52E-02	0.032122	0.001931	4.68E-06	0.000414	0.034471
3197	484863.09	3846877.25	0.26032	0.32632	0.33305	0.26417	2.36E-02	0.00138	6.2E-06	0.00061	0.02559	2.98E-02	0.001742	5.29E-06	0.000357	3.19E-02	0.029351	0.001499	4.32E-06	0.000379	0.031233
3198	485363.09	3846877.25	0.23496	0.35843	0.29122	0.25985	2.13E-02	0.00152	5.5E-06	0.0006	0.02342	2.69E-02	0.001914	4.63E-06	0.000351	2.91E-02	0.026492	0.001646	3.78E-06	0.000373	0.028515
3199	485863.09	3846877.25	0.2131	0.29548	0.27102	0.22604	1.93E-02	0.00125	5.1E-06	0.00052	0.02109	2.44E-02	0.001578	4.31E-06	0.000306	2.63E-02	0.024027	0.001357	3.52E-06	0.000325	0.025712
3200	486363.09	3846877.25	0.22063	0.28139	0.27503	0.23451	2.00E-02	0.00119	5.1E-06	0.00054	0.02173	2.52E-02	0.001502	4.37E-06	0.000317	2.71E-02	0.024876	0.001292	3.57E-06	0.000337	0.026509
3201	486863.09	3846877.25	0.18517	0.28136	0.23443	0.18724	1.68E-02	0.00119	4.4E-06	0.00043	0.01841	2.12E-02	0.001502	3.73E-06	0.000253	2.29E-02	0.020878	0.001292	3.04E-06	0.000269	0.022442
3202	487363.09	3846877.25	0.1793	0.28048	0.23713	0.19108	1.62E-02	0.00119	4.4E-06	0.00044	0.01788	2.05E-02	0.001498	3.77E-06	0.000258	2.23E-02	0.020216	0.001288	3.08E-06	0.000274	0.021782
3203	487863.09	3846877.25	0.17721	0.21107	0.24214	0.18766	1.61E-02	0.00089	4.5E-06	0.00043	0.01739	2.03E-02	0.001127	3.85E-06	0.000254	2.17E-02	0.01998	0.000969	3.14E-06	0.000269	0.021222
3204	488363.09	3846877.25	0.16014	0.21001	0.20118	0.17999	1.45E-02	0.00089	3.8E-06	0.00042	0.01582	1.83E-02	0.001121	3.2E-06	0.000243	1.97E-02	0.018056	0.000964	2.61E-06	0.000258	0.019281
3205	488863.09	3846877.25	0.15936	0.24299	0.1932	0.17688	1.44E-02	0.00103	3.6E-06	0.00041	0.01588	1.82E-02	0.001297	3.07E-06	0.000239	1.98E-02	0.017968	0.001116	2.51E-06	0.000254	0.01934
3206	489363.09	3846877.25	0.15078	0.19292	0.19222	0.16831	1.37E-02	0.00082	3.6E-06	0.00039	0.01487	1.72E-02	0.00103	3.05E-06	0.000228	1.85E-02	0.017	0.000886	2.5E-06	0.000242	0.018131
3207	489863.09	3846877.25	0.13902	0.24747	0.18059	0.16748	1.26E-02	0.00105	3.4E-06	0.00039	0.01404	1.59E-02	0.001321	2.87E-06	0.000226	1.75E-02	0.015674	0.001136	2.34E-06	0.000241	0.017054
3208	490363.09	3846877.25	0.12175	0.18677	0.15879	0.15134	1.10E-02	0.00079	3E-06	0.00035	0.01218	1.39E-02	0.000997	2.52E-06	0.000205	1.51E-02	0.013727	0.000858	2.06E-06	0.000217	0.014804
3209	490863.09	3846877.25	0.1149	0.2353	0.15106	0.14872	1.04E-02	0.001	2.8E-06	0.00034	0.01176	1.31E-02	0.001256	2.4E-06	0.000201	1.46E-02	0.012955	0.001081	1.96E-06	0.000214	0.014251
3210	491363.09	3846877.25	0.11461	0.21238	0.14086	0.14942	1.04E-02	0.0009	2.6E-06	0.00035	0.01163	1.31E-02	0.001134	2.24E-06	0.000202	1.44E-02	0.012922	0.000975	1.83E-06	0.000215	0.014114
3211	491863.09	3846877.25	0.11074	0.20002	0.13702	0.14247	1.00E-02	0.00085	2.6E-06	0.00033	0.01121	1.27E-02	0.001068	2.18E-06	0.000193	1.39E-02	0.012486	0.000919	1.78E-06	0.000205	0.013611
3212	492363.09	3846877.25	0.12397	0.24008	0.16383	0.1536	1.12E-02	0.00102	3.1E-06	0.00036	0.01261	1.42E-02	0.001282	2.6E-06	0.000208	1.57E-02	0.013978	0.001103	2.13E-06	0.000221	0.015303
3213	492863.09	3846877.25	0.12902	0.26109	0.17116	0.15315	1.17E-02	0.0011	3.2E-06	0.00035	0.01315	1.48E-02	0.001394	2.72E-06	0.000207	1.64E-02	0.014547	0.001199	2.22E-06	0.00022	0.015968
3214	493363.09	3846877.25	0.13312	0.22424	0.18254	0.16097	1.21E-02	0.00095	3.4E-06	0.00037	0.01339	1.52E-02	0.001197	2.9E-06	0.000218	1.66E-02	0.015009	0.00103	2.37E-06	0.000231	0.016273
3215	493863.09	3846877.25	0.13492	0.25606	0.1747	0.16575	1.22E-02	0.00108	3.3E-06	0.00038	0.0137	1.54E-02	0.001367	2.78E-06	0.000224	1.70E-02	0.015212	0.001176	2.27E-06	0.000238	0.016628
3216	494363.09	3846877.25	0.13338	0.24801	0.17353	0.16056	1.21E-02	0.00105	3.2E-06	0.00037	0.01351	1.53E-02	0.001324	2.76E-06	0.000217	1.68E-02	0.015039	0.001139	2.25E-06	0.000231	0.01641
3217	494863.09	3846877.25	0.13162	0.24577	0.1768	0.15586	1.19E-02	0.00104	3.3E-06	0.00036	0.01333	1.51E-02	0.001312	2.81E-06	0.000211	1.66E-02	0.01484	0.001129	2.29E-06	0.000224	0.016195
3218	495363.09	3846877.25	0.13556	0.28453	0.1769	0.15324	1.23E-02	0.0012	3.3E-06	0.00035	0.01385	1.55E-02	0.001519	2.81E-06	0.000207	1.72E-02	0.015284	0.001307	2.3E-06	0.00022	0.016813
3219	495863.09	3846877.25	0.14105	0.31969	0.18087	0.16246	1.28E-02	0.00135	3.4E-06	0.00038	0.01451	1.61E-02	0.001707	2.87E-06	0.00022	1.81E-02	0.015903	0.001468	2.35E-06	0.000233	0.017607
3220	496363.09	3846877.25	0.14145	0.30649	0.18629	0.16503	1.28E-02	0.0013	3.5E-06	0.00038	0.0145	1.62E-02	0.001637	2.96E-06	0.000223	1.80E-02	0.015948	0.001408	2.42E-06	0.000237	0.017595
3221	496863.09	3846877.25	0.14663	0.31098	0.18669	0.17085	1.33E-02	0.00132	3.5E-06	0.0004	0.015	1.68E-02	0.00166	2.97E-06	0.000231	1.87E-02	0.016532	0.001428	2.42E-06	0.000245	0.018208
3222	497363.09	3846877.25	0.15275	0.33093	0.19972	0.17991	1.38E-02	0.0014	3.7E-06	0.00042	0.01566	1.75E-02	0.001767	3.17E-06	0.000243	1.95E-02	0.017223	0.00152	2.59E-06	0.000258	0.019003
3223	497863.09	3846877.25	0.15568	0.36169	0.20889	0.18442	1.41E-02	0.00153	3.9E-06	0.00043	0.01607	1.78E-02	0.001931	3.32E-06	0.000249	2.00E-02	0.017553	0.001661	2.71E-06	0.000265	0.019481
3224	498363.09	3846877.25	0.15192	0.34415	0.20328	0.17707	1.38E-02	0.00146	3.8E-06	0.00041	0.01564	1.74E-02	0.001838	3.23E-06	0.000239	1.95E-02	0.017129	0.00158	2.64E-06	0.000254	0.018966
3225	471363.09	3847377.25	1.49541	1.68214	1.432	1.31385	1.36E-01	0.00712	2.7E-05	0.00304	0.1457	1.71E-01	0.008982	2.28E-05	0.001776	1.82E-01	0.168607	0.007725	1.86E-05	0.001887	0.178237
3226	471863.09	3847377.25	1.36737	1.55511	1.28929	1.31766	1.24E-01	0.00658	2.4E-05	0.00305	0.13357	1.56E-01	0.008304	2.05E-05	0.001782	1.67E-01	0.15417	0.007142	1.67E-05	0.001892	0.163221
3227	472363.09	3847377.25	1.42154	1.55523	1.43421	1.28676	1.29E-01	0.00658	2.7E-05	0.00298	0.13841	1.63E-01	0.008304	2.28E-05	0.00174	1.73E-01	0.160278	0.007142	1.86E-05	0.001848	0.169287
3228	472863.09	3847377.25	1.39519	1.58636	1.39314	1.15963	1.26E-01	0.00671	2.6E-05	0.00269	0.13586	1.60E-01	0.00847	2.21E-05	0.001568	1.70E-01	0.157307	0.007285	1.81E-05	0.001665	0.166276
3229	473363.09	3847377.25	1.19842	1.30244	1.22952	1.05139	1.09E-01	0.00551	2.3E-05	0.00244	0.11657	1.37E-01	0.006954	1.95E-05	0.001422	1.45E-01	0.135121	0.005981	1.6E-05	0.00151	0.142629

3230	473863.09	3847377.25	1.46472	1.57265	1.33233	0.99009	1.33E-01	0.00665	2.5E-05	0.00229	0.14171	1.68E-01	0.008397	2.12E-05	0.001339	1.77E-01	0.165147	0.007222	1.73E-05	0.001422	0.173808
3231	474363.09	3847377.25	1.569	1.63892	1.52825	1.01158	1.42E-01	0.00693	2.9E-05	0.00234	0.15149	1.79E-01	0.008751	2.43E-05	0.001368	1.90E-01	0.176904	0.007527	1.98E-05	0.001453	0.185903
3232	474863.09	3847377.25	1.19478	1.28426	1.05065	0.78398	1.08E-01	0.00543	2E-05	0.00182	0.11554	1.37E-01	0.006857	1.67E-05	0.00106	1.45E-01	0.134711	0.005898	1.36E-05	0.001126	0.141748
3233	475363.09	3847377.25	1.14833	1.23055	1.03637	0.72325	1.04E-01	0.00521	1.9E-05	0.00168	0.11096	1.31E-01	0.006571	1.65E-05	0.000978	1.39E-01	0.129474	0.005651	1.35E-05	0.001039	0.136177
3234	475863.09	3847377.25	1.05052	1.1691	0.92288	0.70104	9.52E-02	0.00495	1.7E-05	0.00162	0.10179	1.20E-01	0.006242	1.47E-05	0.000948	1.27E-01	0.118446	0.005369	1.2E-05	0.001007	0.124833
3235	476363.09	3847377.25	1.89198	2.08132	1.47078	1.0468	1.71E-01	0.00881	2.8E-05	0.00242	0.18271	2.16E-01	0.011113	2.34E-05	0.001415	2.29E-01	0.21332	0.009558	1.91E-05	0.001503	0.224401
3236	476863.09	3847377.25	2.45863	2.70761	2.52511	1.63084	2.23E-01	0.01145	4.7E-05	0.00378	0.23809	2.81E-01	0.014457	4.01E-05	0.002205	2.98E-01	0.27721	0.012434	3.28E-05	0.002342	0.292019
3237	477363.09	3847377.25	2.61192	2.86338	2.52975	1.69516	2.37E-01	0.01211	4.7E-05	0.00393	0.25278	2.99E-01	0.015289	4.02E-05	0.002292	3.16E-01	0.294493	0.01315	3.28E-05	0.002434	0.31011
3238	477863.09	3847377.25	2.13329	2.15896	2.3279	1.81668	1.93E-01	0.00913	4.4E-05	0.00421	0.20671	2.44E-01	0.011528	3.7E-05	0.002456	2.58E-01	0.240528	0.009915	3.02E-05	0.002609	0.253082
3239	478363.09	3847377.25	1.54343	1.86693	1.78508	1.4817	1.40E-01	0.0079	3.3E-05	0.00343	0.15123	1.77E-01	0.009969	2.84E-05	0.002003	1.89E-01	0.174021	0.008574	2.32E-05	0.002128	0.184746
3240	478863.09	3847377.25	1.33637	1.90792	1.38785	0.99068	1.21E-01	0.00807	2.6E-05	0.00229	0.1315	1.53E-01	0.010187	2.21E-05	0.00134	1.64E-01	0.150675	0.008762	1.8E-05	0.001423	0.160878
3241	479363.09	3847377.25	1.06049	1.00005	1.28802	0.84371	9.61E-02	0.00423	2.4E-05	0.00195	0.10231	1.21E-01	0.00534	2.05E-05	0.001141	1.28E-01	0.11957	0.004593	1.67E-05	0.001212	0.125391
3242	479863.09	3847377.25	0.78274	0.91171	0.93095	0.5634	7.09E-02	0.00386	1.7E-05	0.0013	0.07611	8.95E-02	0.004868	1.48E-05	0.000762	9.52E-02	0.088254	0.004187	1.21E-05	0.000809	0.093262
3243	480363.09	3847377.25	0.47197	0.55317	0.53937	0.36894	4.28E-02	0.00234	1E-05	0.00085	0.04598	5.40E-02	0.002954	8.57E-06	0.000499	5.74E-02	0.053214	0.00254	7E-06	0.00053	0.056292
3244	480863.09	3847377.25	0.41732	0.44417	0.45756	0.3947	3.78E-02	0.00188	8.6E-06	0.00091	0.04062	4.77E-02	0.002372	7.27E-06	0.000534	5.06E-02	0.047053	0.00204	5.94E-06	0.000567	0.049665
3245	481363.09	3847377.25	0.4504	0.48944	0.55053	0.3898	4.08E-02	0.00207	1E-05	0.0009	0.0438	5.15E-02	0.002613	8.75E-06	0.000527	5.47E-02	0.050782	0.002248	7.15E-06	0.00056	0.053597
3246	481863.09	3847377.25	0.62375	0.81701	0.72066	0.49051	5.65E-02	0.00346	1.3E-05	0.00114	0.06113	7.13E-02	0.004362	1.15E-05	0.000663	7.64E-02	0.070328	0.003752	9.35E-06	0.000704	0.074793
3247	482363.09	3847377.25	0.4846	0.66655	0.63466	0.44297	4.39E-02	0.00282	1.2E-05	0.00103	0.04777	5.54E-02	0.003559	1.01E-05	0.000599	5.96E-02	0.054638	0.003061	8.24E-06	0.000636	0.058344
3248	482863.09	3847377.25	0.41605	0.5251	0.55581	0.38998	3.77E-02	0.00222	1E-05	0.0009	0.04084	4.76E-02	0.002804	8.83E-06	0.000527	5.09E-02	0.046909	0.002411	7.21E-06	0.00056	0.049888
3249	483363.09	3847377.25	0.38034	0.5348	0.50499	0.31763	3.45E-02	0.00226	9.5E-06	0.00074	0.03747	4.35E-02	0.002856	8.03E-06	0.000429	4.68E-02	0.042883	0.002456	6.55E-06	0.000456	0.045802
3250	483863.09	3847377.25	0.35618	0.45472	0.45729	0.3288	3.23E-02	0.00192	8.6E-06	0.00076	0.03497	4.07E-02	0.002428	7.27E-06	0.000445	4.36E-02	0.040159	0.002088	5.94E-06	0.000472	0.042726
3251	484363.09	3847377.25	0.34095	0.59009	0.44252	0.33896	3.09E-02	0.0025	8.3E-06	0.00079	0.03419	3.90E-02	0.003151	7.03E-06	0.000458	4.26E-02	0.038442	0.00271	5.74E-06	0.000487	0.041644
3252	484863.09	3847377.25	0.31705	0.41085	0.40233	0.30495	2.87E-02	0.00174	7.5E-06	0.00071	0.03118	3.63E-02	0.002194	6.39E-06	0.000412	3.89E-02	0.035747	0.001887	5.22E-06	0.000438	0.038077
3253	485363.09	3847377.25	0.27106	0.46234	0.34449	0.2976	2.46E-02	0.00196	6.4E-06	0.00069	0.02722	3.10E-02	0.002469	5.48E-06	0.000402	3.39E-02	0.030562	0.002123	4.47E-06	0.000427	0.033117
3254	485863.09	3847377.25	0.2605	0.39501	0.33757	0.26628	2.36E-02	0.00167	6.3E-06	0.00062	0.0259	2.98E-02	0.002109	5.37E-06	0.00036	3.23E-02	0.029371	0.001814	4.38E-06	0.000382	0.031572
3255	486363.09	3847377.25	0.27345	0.35939	0.34733	0.2705	2.48E-02	0.00152	6.5E-06	0.00063	0.02693	3.13E-02	0.001919	5.52E-06	0.000366	3.36E-02	0.030831	0.00165	4.51E-06	0.000388	0.032875
3256	486863.09	3847377.25	0.23231	0.3351	0.30051	0.22681	2.11E-02	0.00142	5.6E-06	0.00053	0.023	2.66E-02	0.001789	4.78E-06	0.000307	2.87E-02	0.026193	0.001539	3.9E-06	0.000326	0.028061
3257	487363.09	3847377.25	0.22719	0.35759	0.31018	0.22306	2.06E-02	0.00151	5.8E-06	0.00052	0.02262	2.60E-02	0.001909	4.93E-06	0.000302	2.82E-02	0.025616	0.001642	4.03E-06	0.00032	0.027582
3258	487863.09	3847377.25	0.19855	0.23902	0.2727	0.21181	1.80E-02	0.00101	5.1E-06	0.00049	0.0195	2.27E-02	0.001276	4.33E-06	0.000286	2.43E-02	0.022386	0.001098	3.54E-06	0.000304	0.023792
3259	488363.09	3847377.25	0.18505	0.33251	0.23347	0.19724	1.68E-02	0.00141	4.4E-06	0.00046	0.01864	2.12E-02	0.001775	3.71E-06	0.000267	2.32E-02	0.020864	0.001527	3.03E-06	0.000283	0.022678
3260	488863.09	3847377.25	0.17878	0.25454	0.22558	0.18943	1.62E-02	0.00108	4.2E-06	0.00044	0.01772	2.04E-02	0.001359	3.59E-06	0.000256	2.21E-02	0.020157	0.001169	2.93E-06	0.000272	0.021601
3261	489363.09	3847377.25	0.16548	0.25132	0.21564	0.18144	1.50E-02	0.00106	4E-06	0.00042	0.01648	1.89E-02	0.001342	3.43E-06	0.000245	2.05E-02	0.018658	0.001154	2.8E-06	0.000261	0.020075
3262	489863.09	3847377.25	0.15147	0.25628	0.19842	0.17283	1.37E-02	0.00108	3.7E-06	0.0004	0.01521	1.73E-02	0.001368	3.15E-06	0.000234	1.89E-02	0.017078	0.001177	2.58E-06	0.000248	0.018506
3263	490363.09	3847377.25	0.14454	0.30069	0.18424	0.16821	1.31E-02	0.00127	3.4E-06	0.00039	0.01476	1.65E-02	0.001606	2.93E-06	0.000227	1.84E-02	0.016297	0.001381	2.39E-06	0.000242	0.017922
3264	490863.09	3847377.25	0.14179	0.31111	0.18196	0.16725	1.28E-02	0.00132	3.4E-06	0.00039	0.01456	1.62E-02	0.001661	2.89E-06	0.000226	1.81E-02	0.015987	0.001429	2.36E-06	0.00024	0.017658
3265	491363.09	3847377.25	0.14096	0.25285	0.1751	0.16384	1.28E-02	0.00107	3.3E-06	0.00038	0.01423	1.61E-02	0.00135	2.78E-06	0.000222	1.77E-02	0.015893	0.001161	2.27E-06	0.000235	0.017292
3266	491863.09	3847377.25	0.1466	0.29161	0.19207	0.1676	1.33E-02	0.00123	3.6E-06	0.00039	0.01491	1.68E-02	0.001557	3.05E-06	0.000227	1.86E-02	0.016529	0.001339	2.49E-06	0.000241	0.018111
3267	492363.09	3847377.25	0.14228	0.28306	0.18992	0.16077	1.29E-02	0.0012	3.6E-06	0.00037	0.01447	1.63E-02	0.001511	3.02E-06	0.000217	1.80E-02	0.016042	0.0013	2.47E-06	0.000231	0.017575
3268	492863.09	3847377.25	0.14553	0.28045	0.19925	0.16921	1.32E-02	0.00119	3.7E-06	0.00039	0.01477	1.66E-02	0.001497	3.17E-06	0.000229	1.84E-02	0.016408	0.001288	2.59E-06	0.000243	0.017942
3269	493363.09	3847377.25	0.14235	0.26087	0.18668	0.17354	1.29E-02	0.0011	3.5E-06	0.0004	0.01441	1.63E-02	0.001393	2.97E-06	0.000235	1.79E-02	0.01605	0.001198	2.42E-06	0.000249	0.0175
3270	493863.09	3847377.25	0.13883	0.25239	0.17737	0.16335	1.26E-02	0.00107	3.3E-06	0.00038	0.01403	1.59E-02	0.001348	2.82E-06	0.000221	1.75E-02	0.015653	0.001159	2.3E-06	0.000235	0.017049
3271	494363.09	3847377.25	0.13341	0.25769	0.1721	0.16003	1.21E-02	0.00109	3.2E-06	0.00037	0.01355	1.53E-02	0.001376	2.74E-06	0.000216	1.69E-02	0.015042	0.001183	2.23E-06	0.00023	0.016457
3272	494863.09	3847377.25	0.13419	0.28652	0.17387	0.15619	1.22E-02	0.00121	3.3E-06	0.00036	0.01374	1.53E-02	0.00153	2.76E-06	0.000211	1.71E-02	0.01513	0.001316	2.26E-06	0.000224	0.016672
3273	495363.09	3847377.25	0.13931	0.31094	0.17611	0.16519	1.26E-02	0.00132	3.3E-06	0.00038	0.01433	1.59E-02	0.00166	2.8E-06	0.000223	1.78E-02	0.015707	0.001428	2.29E-06	0.000237	0.017375
3274	495863.09	3847377.25	0.14003	0.30722	0.17897	0.16124	1.27E-02	0.0013	3.4E-06	0.00037	0.01437	1.60E-02	0.00164	2.84E-06	0.000218	1.79E-02	0.015788	0.001411	2.32E-06	0.000232	0.017433
3275	496363.09	3847377.25	0.14283	0.28993	0.17677	0.17527	1.29E-02	0.00123	3.3E-06	0.00041	0.01458	1.63E-02	0.001548	2.81E-06	0.000237	1.81E-02	0.016104	0.001331	2.29E-06	0.000252	0.017689
3276	496863.09	3847377.25	0.14334	0.30351	0.18327	0.18424	1.30E-02	0.00128	3.4E-06	0.00043	0.0147	1.64E-02	0.001621	2.91E-06	0.000249	1.83E-02	0.016162	0.001394	2.38E-06	0.000265	0.017822
3277	497363.09	3847377.25	0.14846	0.34714	0.19926	0.18531	1.35E-02	0.00147	3.7E-06	0.00043	0.01536	1.70E-02	0.001854	3.17E-06	0.000251	1.91E-02	0.016739	0.001594	2.59E-06	0.000266	0.018602
3278	497863.09	3847377.25	0.16436	0.38159	0.21695	0.1827	1.49E-02	0.00161	4.1E-06	0.00042	0.01694	1.88E-02	0.002038	3.45E-06	0.000247	2.11E-02	0.018532	0.001752	2.82E-06	0.000262	0.020549
3279	498363.09	3847377.25	0.1678	0.35	0.22047	0.18558	1.52E-02	0.00148	4.1E-06	0.00043	0.01712	1.92E-02	0.001869	3.5E-06	0.000251	2.13E-02	0.018919	0.001607	2.86E-06	0.000267	0.020796
3280	471363.09	3847877.25	1.76371	2.03973	1.90703	1.62408	1.60E-01	0.00863	3.6E-05	0.00376	0.17226	2.02E-01	0.010891	3.03E-05	0.002196	2.15E-01	0.198858	0.009367	2.48E-05	0.002332	0.210582
3281	471863.09	3847877.25	1.79006	2.02978	1.6167	1.4943	1.62E-01	0.00859	3E-05	0.00346	0.1743	2.05E-01	0.010838	2.57E-05	0.00202	2.18E-01	0.201829	0.009322	2.1E-05	0.002146	0.213317
3282	472363.09	3847877.25	1.57874	1.75677	1.60713	1.32021	1.43E-01	0.00743	3E-05	0.00306	0.15359	1.81E-01	0.00938	2.55E-05	0.001785	1.92E-01	0.178002	0.008068	2.09E-05	0.001896	0.187987
3283	472863.09	3847877.25	1.68426	1.92077	1.47954	1.54123	1.53E-01	0.00813	2.8E-05	0.00357	0.16435	1.93E-01	0.010256	2.35E-05	0.002084	2.05E-01	0.1899	0.008821	1.92E-05	0.002213	0.200953
3284	473363.09	3847877.25	1.55672	1.75814	1.53446	1.43947	1.41E-01	0.00744	2.9E-05	0.00333	0.15187	1.78E-01	0.009388	2.44E-05	0.001946	1.89E-01	0.17552	0.008074	1.99E-05	0.002067	0.185681
3285	473863.09	3847877.25	1.5348	1.63126	1.3705	1.33768	1.39E-01	0.0069	2.6E-05	0.0031	0.14911	1.76E-01	0.00871	2.18E-05	0.001809	1.86E-01	0.173048	0.007491	1.78E-05	0.001921	0.182478
3286	474363.09	3847877.25	1.47665	1.56008	1.44689	1.17648	1.34E-01	0.0066	2.7E-05	0.00272	0.14317	1.69E-01	0.00833	2.3E-05	0.001591	1.79E-01	0.166492	0.007164	1.88E-05	0.001689	0.175365
3287	474863.09	3847877.25	1.79276	1.83379	1.54557	1.1931	1.62E-01	0.00776	2.9E-05	0.00276	0.17301	2.05E-01	0.009792	2.46E-05	0.001613	2.16E-01	0.202133	0.008421	2.01E-05	0.001713	0.212288
3288	475363.09	3847877.25	1.29085	1.32156	1.16222	0.94157	1.17E-01	0.00559	2.2E-05	0.00218	0.12477	1.48E-01	0.007056	1.85E-05	0.001273	1.56E-01	0.145543	0.006069	1.51E-05	0.001352	0.152979
3289	475863.09	3847877.25	1.26917	1.36598	1.12378	0.86151	1.15E-01	0.00578	2.1E-05	0.002	0.12281	1.45E-01	0.007294	1.79E-05	0.001165	1.54E-01	0.143098	0.006273	1.46E-05	0.001237	0.150623
3290	476363.09	3847877.25	1.41365	1.45945	1.34785	1.00573	1.28E-01	0.00617	2.5E-05	0.00233	0.13664	1.62E-01	0.007793	2.14E-05	0.00136	1.71E-01	0.159389	0.006702	1.75E-05	0.001444	0.167553

3291	476863.09	3847877.25	2.2381	2.47172	1.75051	1.18956	2.03E-01	0.01046	3.3E-05	0.00276	0.21607	2.56E-01	0.013198	2.78E-05	0.001608	2.71E-01	0.252345	0.011351	2.27E-05	0.001708	0.265427
3292	477363.09	3847877.25	2.79847	3.02024	2.86903	1.95532	2.54E-01	0.01278	5.4E-05	0.00453	0.27096	3.20E-01	0.016127	4.56E-05	0.002644	3.39E-01	0.315527	0.01387	3.72E-05	0.002808	0.332242
3293	477863.09	3847877.25	2.88787	3.16019	2.8217	2.00444	2.62E-01	0.01337	5.3E-05	0.00464	0.27977	3.30E-01	0.016874	4.48E-05	0.00271	3.50E-01	0.325606	0.014513	3.66E-05	0.002878	0.343034
3294	478363.09	3847877.25	2.23294	2.30239	2.57791	2.014	2.02E-01	0.00974	4.8E-05	0.00466	0.21681	2.55E-01	0.012294	4.1E-05	0.002723	2.70E-01	0.251763	0.010573	3.35E-05	0.002892	0.265262
3295	478863.09	3847877.25	1.71346	2.21042	1.85301	1.66274	1.55E-01	0.00935	3.5E-05	0.00385	0.16851	1.96E-01	0.011803	2.95E-05	0.002248	2.10E-01	0.193192	0.010151	2.41E-05	0.002388	0.205755
3296	479363.09	3847877.25	1.21909	1.24788	1.34588	0.74591	1.10E-01	0.00528	2.5E-05	0.00173	0.11751	1.39E-01	0.006663	2.14E-05	0.001009	1.47E-01	0.137452	0.005731	1.75E-05	0.001071	0.144271
3297	479863.09	3847877.25	0.56523	0.60908	0.67543	0.50883	5.12E-02	0.00258	1.3E-05	0.00118	0.05499	6.47E-02	0.003252	1.07E-05	0.000688	6.86E-02	0.063729	0.002797	8.77E-06	0.000731	0.067266
3298	480363.09	3847877.25	0.5677	0.71586	0.67124	0.50947	5.14E-02	0.00303	1.3E-05	0.00118	0.05567	6.49E-02	0.003822	1.07E-05	0.000689	6.95E-02	0.064008	0.003287	8.71E-06	0.000732	0.068036
3299	480863.09	3847877.25	0.5091	0.57041	0.62757	0.43196	4.61E-02	0.00241	1.2E-05	0.001	0.04956	5.82E-02	0.003046	9.97E-06	0.000584	6.19E-02	0.057401	0.00262	8.15E-06	0.00062	0.060649
3300	481363.09	3847877.25	0.49584	0.52329	0.58932	0.43217	4.49E-02	0.00221	1.1E-05	0.001	0.04816	5.67E-02	0.002794	9.37E-06	0.000584	6.01E-02	0.055906	0.002403	7.65E-06	0.000621	0.058937
3301	481863.09	3847877.25	0.77605	0.85078	1.02865	0.56261	7.03E-02	0.0036	1.9E-05	0.0013	0.07525	8.88E-02	0.004543	1.63E-05	0.000761	9.41E-02	0.087499	0.003907	1.34E-05	0.000808	0.092228
3302	482363.09	3847877.25	0.61408	1.00776	0.74157	0.53823	5.56E-02	0.00426	1.4E-05	0.00125	0.06117	7.02E-02	0.005381	1.18E-05	0.000728	7.64E-02	0.069237	0.004628	9.63E-06	0.000773	0.074648
3303	482863.09	3847877.25	0.50383	0.64625	0.63916	0.44905	4.57E-02	0.00273	1.2E-05	0.00104	0.04944	5.76E-02	0.003451	1.02E-05	0.000607	6.17E-02	0.056807	0.002968	8.3E-06	0.000645	0.060428
3304	483363.09	3847877.25	0.44594	0.65728	0.57578	0.36968	4.04E-02	0.00278	1.1E-05	0.00086	0.04406	5.10E-02	0.00351	9.15E-06	0.0005	5.50E-02	0.05028	0.003018	7.47E-06	0.000531	0.053836
3305	483863.09	3847877.25	0.42425	0.47391	0.54474	0.36377	3.84E-02	0.002	1E-05	0.00084	0.0413	4.85E-02	0.00253	8.66E-06	0.000492	5.16E-02	0.047834	0.002176	7.07E-06	0.000522	0.05054
3306	484363.09	3847877.25	0.40005	0.73333	0.49725	0.38029	3.63E-02	0.0031	9.3E-06	0.00088	0.04025	4.58E-02	0.003916	7.9E-06	0.000514	5.02E-02	0.045106	0.003368	6.45E-06	0.000546	0.049026
3307	484863.09	3847877.25	0.36901	0.54819	0.49525	0.34652	3.34E-02	0.00232	9.3E-06	0.0008	0.03657	4.22E-02	0.002927	7.87E-06	0.000469	4.56E-02	0.041606	0.002517	6.43E-06	0.000498	0.044627
3308	485363.09	3847877.25	0.34314	0.53657	0.44675	0.34677	3.11E-02	0.00227	8.4E-06	0.0008	0.03418	3.92E-02	0.002865	7.1E-06	0.000469	4.26E-02	0.038689	0.002464	5.8E-06	0.000498	0.041657
3309	485863.09	3847877.25	0.32635	0.53884	0.43555	0.31241	2.96E-02	0.00228	8.2E-06	0.00072	0.03259	3.73E-02	0.002877	6.92E-06	0.000422	4.06E-02	0.036796	0.002475	5.65E-06	0.000449	0.039725
3310	486363.09	3847877.25	0.30881	0.4727	0.40377	0.29485	2.80E-02	0.002	7.6E-06	0.00068	0.03068	3.53E-02	0.002524	6.42E-06	0.000399	3.83E-02	0.034818	0.002171	5.24E-06	0.000423	0.037418
3311	486863.09	3847877.25	0.27949	0.44224	0.37238	0.25861	2.53E-02	0.00187	7E-06	0.0006	0.0278	3.20E-02	0.002361	5.92E-06	0.00035	3.47E-02	0.031512	0.002031	4.83E-06	0.000371	0.03392
3312	487363.09	3847877.25	0.25252	0.4077	0.34728	0.25052	2.29E-02	0.00172	6.5E-06	0.00058	0.0252	2.89E-02	0.002177	5.52E-06	0.000339	3.14E-02	0.028472	0.001872	4.51E-06	0.00036	0.030708
3313	487863.09	3847877.25	0.22441	0.2991	0.30426	0.23086	2.03E-02	0.00127	5.7E-06	0.00053	0.02214	2.57E-02	0.001597	4.84E-06	0.000312	2.76E-02	0.025302	0.001374	3.95E-06	0.000332	0.027011
3314	488363.09	3847877.25	0.21309	0.32909	0.28094	0.21465	1.93E-02	0.00139	5.3E-06	0.0005	0.02121	2.44E-02	0.001757	4.47E-06	0.00029	2.64E-02	0.024026	0.001511	3.65E-06	0.000308	0.025849
3315	488863.09	3847877.25	0.20082	0.30303	0.26056	0.20723	1.82E-02	0.00128	4.9E-06	0.00048	0.01997	2.30E-02	0.001618	4.14E-06	0.00028	2.49E-02	0.022642	0.001392	3.38E-06	0.000298	0.024335
3316	489363.09	3847877.25	0.19684	0.3299	0.25334	0.20358	1.78E-02	0.0014	4.7E-06	0.00047	0.01971	2.25E-02	0.001762	4.03E-06	0.000275	2.46E-02	0.022194	0.001515	3.29E-06	0.000292	0.024004
3317	489863.09	3847877.25	0.19378	0.43584	0.24746	0.20083	1.76E-02	0.00184	4.6E-06	0.00047	0.01987	2.22E-02	0.002327	3.93E-06	0.000272	2.48E-02	0.021849	0.002002	3.21E-06	0.000288	0.024142
3318	490363.09	3847877.25	0.19098	0.47261	0.24715	0.195	1.73E-02	0.002	4.6E-06	0.00045	0.01976	2.18E-02	0.002524	3.93E-06	0.000264	2.46E-02	0.021533	0.00217	3.21E-06	0.00028	0.023987
3319	490863.09	3847877.25	0.18119	0.38301	0.24526	0.19287	1.64E-02	0.00162	4.6E-06	0.00045	0.01849	2.07E-02	0.002045	3.9E-06	0.000261	2.30E-02	0.020429	0.001759	3.18E-06	0.000277	0.022468
3320	491363.09	3847877.25	0.16602	0.33211	0.2194	0.18135	1.50E-02	0.0014	4.1E-06	0.00042	0.01687	1.90E-02	0.001773	3.49E-06	0.000245	2.10E-02	0.018719	0.001525	2.85E-06	0.00026	0.020507
3321	491863.09	3847877.25	0.1664	0.35139	0.22129	0.18465	1.51E-02	0.00149	4.1E-06	0.00043	0.017	1.90E-02	0.001876	3.52E-06	0.00025	2.12E-02	0.018762	0.001614	2.87E-06	0.000265	0.020643
3322	492363.09	3847877.25	0.16062	0.32702	0.21975	0.18344	1.46E-02	0.00138	4.1E-06	0.00042	0.01637	1.84E-02	0.001746	3.49E-06	0.000248	2.04E-02	0.01811	0.001502	2.85E-06	0.000263	0.019878
3323	492863.09	3847877.25	0.15587	0.29494	0.20274	0.18363	1.41E-02	0.00125	3.8E-06	0.00043	0.0158	1.78E-02	0.001575	3.22E-06	0.000248	1.97E-02	0.017574	0.001354	2.63E-06	0.000264	0.019195
3324	493363.09	3847877.25	0.14266	0.26914	0.18511	0.17082	1.29E-02	0.00114	3.5E-06	0.0004	0.01447	1.63E-02	0.001437	2.94E-06	0.000231	1.80E-02	0.016085	0.001236	2.4E-06	0.000245	0.017569
3325	493863.09	3847877.25	0.13905	0.26506	0.17363	0.16391	1.26E-02	0.00112	3.3E-06	0.00038	0.01411	1.59E-02	0.001415	2.76E-06	0.000222	1.75E-02	0.015678	0.001217	2.25E-06	0.000235	0.017133
3326	494363.09	3847877.25	0.13554	0.2885	0.17167	0.16245	1.23E-02	0.00122	3.2E-06	0.00038	0.01388	1.55E-02	0.00154	2.73E-06	0.00022	1.73E-02	0.015282	0.001325	2.23E-06	0.000233	0.016843
3327	494863.09	3847877.25	0.13692	0.30802	0.1757	0.16838	1.24E-02	0.0013	3.3E-06	0.00039	0.0141	1.57E-02	0.001645	2.79E-06	0.000228	1.75E-02	0.015438	0.001415	2.28E-06	0.000242	0.017096
3328	495363.09	3847877.25	0.13688	0.28165	0.17083	0.15789	1.24E-02	0.00119	3.2E-06	0.00037	0.01396	1.57E-02	0.001504	2.72E-06	0.000213	1.74E-02	0.015433	0.001293	2.22E-06	0.000227	0.016956
3329	495863.09	3847877.25	0.1202	0.24321	0.14457	0.15338	1.09E-02	0.00103	2.7E-06	0.00036	0.01228	1.37E-02	0.001299	2.3E-06	0.000207	1.53E-02	0.013553	0.001117	1.88E-06	0.00022	0.014892
3330	496363.09	3847877.25	0.12949	0.28527	0.16951	0.17059	1.17E-02	0.00121	3.2E-06	0.0004	0.01334	1.48E-02	0.001523	2.69E-06	0.000231	1.66E-02	0.0146	0.00131	2.2E-06	0.000245	0.016157
3331	496863.09	3847877.25	0.13189	0.31021	0.17467	0.18165	1.20E-02	0.00131	3.3E-06	0.00042	0.01369	1.51E-02	0.001656	2.78E-06	0.000246	1.70E-02	0.014871	0.001425	2.27E-06	0.000261	0.016558
3332	497363.09	3847877.25	0.14363	0.31783	0.18659	0.18313	1.30E-02	0.00134	3.5E-06	0.00042	0.01479	1.64E-02	0.001697	2.97E-06	0.000248	1.84E-02	0.016194	0.00146	2.42E-06	0.000263	0.017919
3333	497863.09	3847877.25	0.16937	0.36761	0.22571	0.18851	1.53E-02	0.00156	4.2E-06	0.00044	0.01734	1.94E-02	0.001963	3.59E-06	0.000255	2.16E-02	0.019096	0.001688	2.93E-06	0.000271	0.021058
3334	498363.09	3847877.25	0.17741	0.421	0.23855	0.1884	1.61E-02	0.00178	4.5E-06	0.00044	0.0183	2.03E-02	0.002248	3.79E-06	0.000255	2.28E-02	0.020003	0.001933	3.1E-06	0.000271	0.02221
3335	471363.09	3848377.25	1.50067	1.67135	1.49915	1.66175	1.36E-01	0.00707	2.8E-05	0.00385	0.14694	1.72E-01	0.008924	2.38E-05	0.002247	1.83E-01	0.1692	0.007675	1.95E-05	0.002386	0.179281
3336	471863.09	3848377.25	1.78288	2.01813	1.81432	1.86378	1.62E-01	0.00854	3.4E-05	0.00432	0.17446	2.04E-01	0.010776	2.88E-05	0.00252	2.17E-01	0.201019	0.009268	2.36E-05	0.002676	0.212987
3337	472363.09	3848377.25	2.00371	2.2856	1.99359	1.8245	1.82E-01	0.00967	3.7E-05	0.00423	0.19551	2.29E-01	0.012204	3.17E-05	0.002467	2.44E-01	0.225918	0.010496	2.59E-05	0.00262	0.23906
3338	472863.09	3848377.25	1.8417	2.16784	1.85302	1.72978	1.67E-01	0.00917	3.5E-05	0.00401	0.18011	2.11E-01	0.011575	2.95E-05	0.002339	2.25E-01	0.207651	0.009956	2.41E-05	0.002484	0.220115
3339	473363.09	3848377.25	1.67171	1.89995	1.67524	1.5898	1.51E-01	0.00804	3.1E-05	0.00368	0.16325	1.91E-01	0.010145	2.66E-05	0.00215	2.04E-01	0.188485	0.008725	2.17E-05	0.002283	0.199515
3340	473863.09	3848377.25	1.76843	2.01857	1.72642	1.58258	1.60E-01	0.00854	3.2E-05	0.00367	0.1725	2.02E-01	0.010778	2.74E-05	0.00214	2.15E-01	0.19939	0.00927	2.24E-05	0.002273	0.210955
3341	474363.09	3848377.25	1.75821	1.99527	1.65986	1.4274	1.59E-01	0.00844	3.1E-05	0.00331	0.17111	2.01E-01	0.010654	2.64E-05	0.00193	2.14E-01	0.198238	0.009163	2.15E-05	0.00205	0.209472
3342	474863.09	3848377.25	1.69435	1.81668	1.55357	1.37141	1.54E-01	0.00769	2.9E-05	0.00318	0.16444	1.94E-01	0.0097	2.47E-05	0.001854	2.05E-01	0.191037	0.008343	2.02E-05	0.001969	0.20137
3343	475363.09	3848377.25	1.93475	2.11138	2.03381	1.42931	1.75E-01	0.00893	3.8E-05	0.00331	0.18761	2.21E-01	0.011274	3.23E-05	0.001933	2.35E-01	0.218142	0.009696	2.64E-05	0.002053	0.229918
3344	475863.09	3848377.25	1.60568	1.61907	1.44575	1.08515	1.46E-01	0.00685	2.7E-05	0.00251	0.1549	1.84E-01	0.008645	2.3E-05	0.001467	1.94E-01	0.18104	0.007435	1.88E-05	0.001558	0.190052
3345	476363.09	3848377.25	1.3499	1.37915	1.3652	1.0052	1.22E-01	0.00583	2.6E-05	0.00233	0.13052	1.54E-01	0.007364	2.17E-05	0.001359	1.63E-01	0.152201	0.006334	1.77E-05	0.001444	0.159996
3346	476863.09	3848377.25	1.76515	1.90044	1.65286	1.41215	1.60E-01	0.00804	3.1E-05	0.00327	0.1713	2.02E-01	0.010147	2.63E-05	0.001909	2.14E-01	0.19902	0.008728	2.15E-05	0.002028	0.209797
3347	477363.09	3848377.25	2.52027	2.82245	1.94015	1.28937	2.28E-01	0.01194	3.6E-05	0.00299	0.24336	2.88E-01	0.015071	3.08E-05	0.001743	3.05E-01	0.28416	0.012962	2.52E-05	0.001852	0.298998
3348	477863.09	3848377.25	3.11295	3.47309	3.28217	2.24803	2.82E-01	0.01469	6.1E-05	0.00521	0.30206	3.56E-01	0.018545	5.22E-05	0.00304	3.78E-01	0.350984	0.01595	4.26E-05	0.003228	0.370205
3349	478363.09	3848377.25	3.07429	3.47223	3.23618	2.24318	2.79E-01	0.01469	6.1E-05	0.0052	0.29854	3.52E-01	0.01854	5.14E-05	0.003033	3.73E-01	0.346625	0.015946	4.2E-05	0.003221	0.365834
3350	478863.09	3848377.25	2.33898	2.45496	2.81308	2.12132	2.12E-01	0.01039	5.3E-05	0.00491	0.22732	2.68E-01	0.013108	4.47E-05	0.002868	2.84E-01	0.263719	0.011274	3.65E-05	0.003046	0.278076
3351	479363.09	3848377.25	1.5163	1.96337	1.70046	1.27303	1.37E-01	0.00831	3.2E-05	0.00295	0.1487	1.73E-01	0.010483	2.7E-05	0.001721	1.86E-01	0.170962	0.009017	2.21E-05	0.001828	0.181829

3352	479863.09	3848377.25	0.39705	0.40578	0.45119	0.34364	3.60E-02	0.00172	8.4E-06	0.0008	0.0385	4.54E-02	0.002167	7.17E-06	0.000465	4.81E-02	0.044767	0.001863	5.86E-06	0.000493	0.04713
3353	480363.09	3848377.25	0.56953	0.6861	0.69856	0.49145	5.16E-02	0.0029	1.3E-05	0.00114	0.05567	6.51E-02	0.003663	1.11E-05	0.000664	6.95E-02	0.064214	0.003151	9.07E-06	0.000706	0.06808
3354	480863.09	3848377.25	0.92756	1.2513	1.09028	0.60857	8.41E-02	0.00529	2E-05	0.00141	0.09078	1.06E-01	0.006681	1.73E-05	0.000823	1.14E-01	0.104582	0.005746	1.42E-05	0.000874	0.111217
3355	481363.09	3848377.25	0.98249	0.8873	1.24898	0.65536	8.90E-02	0.00375	2.3E-05	0.00152	0.09433	1.12E-01	0.004738	1.99E-05	0.000886	1.18E-01	0.110775	0.004075	1.62E-05	0.000941	0.115808
3356	481863.09	3848377.25	0.9303	1.07882	1.1566	0.63593	8.43E-02	0.00456	2.2E-05	0.00147	0.09036	1.06E-01	0.00576	1.84E-05	0.00086	1.13E-01	0.104891	0.004954	1.5E-05	0.000913	0.110774
3357	482363.09	3848377.25	0.89353	1.18965	1.09228	0.62736	8.10E-02	0.00503	2E-05	0.00145	0.08748	1.02E-01	0.006352	1.74E-05	0.000848	1.09E-01	0.100745	0.005463	1.42E-05	0.000901	0.107124
3358	482863.09	3848377.25	0.61437	0.85252	0.79867	0.53692	5.57E-02	0.00361	1.5E-05	0.00124	0.06054	7.03E-02	0.004552	1.27E-05	0.000726	7.56E-02	0.06927	0.003915	1.04E-05	0.000771	0.073967
3359	483363.09	3848377.25	0.56882	0.81763	0.7296	0.47741	5.15E-02	0.00346	1.4E-05	0.00111	0.05613	6.51E-02	0.004366	1.16E-05	0.000646	7.01E-02	0.064134	0.003755	9.47E-06	0.000686	0.068584
3360	483863.09	3848377.25	0.47185	0.5746	0.6317	0.40004	4.28E-02	0.00243	1.2E-05	0.00093	0.04613	5.40E-02	0.003068	1E-05	0.000541	5.76E-02	0.053201	0.002639	8.2E-06	0.000574	0.056422
3361	484363.09	3848377.25	0.4284	0.7614	0.54612	0.40018	3.88E-02	0.00322	1E-05	0.00093	0.04298	4.90E-02	0.004066	8.68E-06	0.000541	5.36E-02	0.048302	0.003497	7.09E-06	0.000575	0.05238
3362	484863.09	3848377.25	0.45207	0.6593	0.6077	0.3961	4.10E-02	0.00279	1.1E-05	0.00092	0.04469	5.17E-02	0.00352	9.66E-06	0.000536	5.58E-02	0.050971	0.003028	7.89E-06	0.000569	0.054575
3363	485363.09	3848377.25	0.40702	0.60351	0.55213	0.38828	3.69E-02	0.00255	1E-05	0.0009	0.04035	4.66E-02	0.003222	8.78E-06	0.000525	5.03E-02	0.045891	0.002772	7.17E-06	0.000558	0.049228
3364	485863.09	3848377.25	0.37829	0.75574	0.50301	0.34718	3.43E-02	0.0032	9.4E-06	0.0008	0.03829	4.33E-02	0.004035	7.99E-06	0.000469	4.78E-02	0.042652	0.003471	6.53E-06	0.000499	0.046628
3365	486363.09	3848377.25	0.35784	0.64798	0.49152	0.32158	3.24E-02	0.00274	9.2E-06	0.00074	0.03592	4.09E-02	0.00346	7.81E-06	0.000435	4.48E-02	0.040346	0.002976	6.38E-06	0.000462	0.04379
3366	486863.09	3848377.25	0.32092	0.55968	0.43208	0.29037	2.91E-02	0.00237	8.1E-06	0.00067	0.03213	3.67E-02	0.002988	6.87E-06	0.000393	4.01E-02	0.036184	0.00257	5.61E-06	0.000417	0.039176
3367	487363.09	3848377.25	0.27025	0.42691	0.37195	0.27142	2.45E-02	0.00181	7E-06	0.00063	0.02693	3.09E-02	0.002279	5.91E-06	0.000367	3.36E-02	0.030471	0.001961	4.83E-06	0.00039	0.032826
3368	487863.09	3848377.25	0.25238	0.44306	0.33667	0.25441	2.29E-02	0.00187	6.3E-06	0.00059	0.02534	2.89E-02	0.002366	5.35E-06	0.000344	3.16E-02	0.028456	0.002035	4.37E-06	0.000365	0.03086
3369	488363.09	3848377.25	0.24236	0.4106	0.31702	0.23613	2.20E-02	0.00174	5.9E-06	0.00055	0.02425	2.77E-02	0.002192	5.04E-06	0.000319	3.02E-02	0.027326	0.001886	4.12E-06	0.000339	0.029555
3370	488863.09	3848377.25	0.2271	0.3908	0.29937	0.22715	2.06E-02	0.00165	5.6E-06	0.00053	0.02277	2.60E-02	0.002087	4.76E-06	0.000307	2.84E-02	0.025605	0.001795	3.89E-06	0.000326	0.02773
3371	489363.09	3848377.25	0.22354	0.47038	0.28818	0.22396	2.03E-02	0.00199	5.4E-06	0.00052	0.02277	2.56E-02	0.002512	4.58E-06	0.000303	2.84E-02	0.025204	0.00216	3.74E-06	0.000322	0.02769
3372	489863.09	3848377.25	0.23042	0.61122	0.30185	0.22438	2.09E-02	0.00259	5.7E-06	0.00052	0.02399	2.64E-02	0.003264	4.8E-06	0.000303	2.99E-02	0.02598	0.002807	3.92E-06	0.000322	0.029113
3373	490363.09	3848377.25	0.22067	0.50486	0.29299	0.21872	2.00E-02	0.00214	5.5E-06	0.00051	0.02265	2.52E-02	0.002696	4.66E-06	0.000296	2.82E-02	0.02488	0.002319	3.8E-06	0.000314	0.027517
3374	490863.09	3848377.25	0.20588	0.42579	0.27388	0.21026	1.87E-02	0.0018	5.1E-06	0.00049	0.02095	2.35E-02	0.002274	4.35E-06	0.000284	2.61E-02	0.023213	0.001955	3.56E-06	0.000302	0.025474
3375	491363.09	3848377.25	0.20048	0.38217	0.26166	0.20469	1.82E-02	0.00162	4.9E-06	0.00047	0.02026	2.29E-02	0.002041	4.16E-06	0.000277	2.53E-02	0.022604	0.001755	3.4E-06	0.000294	0.024656
3376	491863.09	3848377.25	0.18481	0.36599	0.24403	0.20446	1.67E-02	0.00155	4.6E-06	0.00047	0.01877	2.11E-02	0.001954	3.88E-06	0.000276	2.34E-02	0.020837	0.001681	3.17E-06	0.000294	0.022815
3377	492363.09	3848377.25	0.16326	0.31619	0.21945	0.19336	1.48E-02	0.00134	4.1E-06	0.00045	0.01658	1.87E-02	0.001688	3.49E-06	0.000261	2.06E-02	0.018408	0.001452	2.85E-06	0.000278	0.02014
3378	492863.09	3848377.25	0.14518	0.26862	0.19594	0.17799	1.32E-02	0.00114	3.7E-06	0.00041	0.01471	1.66E-02	0.001434	3.11E-06	0.000241	1.83E-02	0.016369	0.001234	2.54E-06	0.000256	0.017861
3379	493363.09	3848377.25	0.14251	0.28311	0.18013	0.16786	1.29E-02	0.0012	3.4E-06	0.00039	0.0145	1.63E-02	0.001512	2.86E-06	0.000227	1.80E-02	0.016068	0.0013	2.34E-06	0.000241	0.017611
3380	493863.09	3848377.25	0.13723	0.30083	0.17537	0.16897	1.24E-02	0.00127	3.3E-06	0.00039	0.0141	1.57E-02	0.001606	2.79E-06	0.000228	1.75E-02	0.015473	0.001382	2.28E-06	0.000243	0.017099
3381	494363.09	3848377.25	0.1388	0.29239	0.16705	0.16701	1.26E-02	0.00124	3.1E-06	0.00039	0.01421	1.59E-02	0.001561	2.65E-06	0.000226	1.77E-02	0.01565	0.001343	2.17E-06	0.00024	0.017234
3382	494863.09	3848377.25	0.13795	0.29539	0.16908	0.16626	1.25E-02	0.00125	3.2E-06	0.00039	0.01414	1.58E-02	0.001577	2.69E-06	0.000225	1.76E-02	0.015554	0.001357	2.19E-06	0.000239	0.017151
3383	495363.09	3848377.25	0.12668	0.25526	0.15147	0.15936	1.15E-02	0.00108	2.8E-06	0.00037	0.01293	1.45E-02	0.001363	2.41E-06	0.000215	1.61E-02	0.014283	0.001172	1.97E-06	0.000229	0.015686
3384	495863.09	3848377.25	0.12215	0.25151	0.15261	0.15786	1.11E-02	0.00106	2.9E-06	0.00037	0.0125	1.40E-02	0.001343	2.43E-06	0.000213	1.55E-02	0.013772	0.001155	1.98E-06	0.000227	0.015156
3385	496363.09	3848377.25	0.12802	0.27049	0.16443	0.16322	1.16E-02	0.00114	3.1E-06	0.00038	0.01313	1.46E-02	0.001444	2.61E-06	0.000221	1.63E-02	0.014434	0.001242	2.13E-06	0.000234	0.015913
3386	496863.09	3848377.25	0.13103	0.26149	0.15551	0.1615	1.19E-02	0.00111	2.9E-06	0.00037	0.01336	1.50E-02	0.001396	2.47E-06	0.000218	1.66E-02	0.014774	0.001201	2.02E-06	0.000232	0.016208
3387	497363.09	3848377.25	0.13864	0.29015	0.17106	0.17703	1.26E-02	0.00123	3.2E-06	0.00041	0.0142	1.59E-02	0.001549	2.72E-06	0.000239	1.76E-02	0.015632	0.001332	2.22E-06	0.000254	0.017221
3388	497863.09	3848377.25	0.18103	0.40895	0.24126	0.19786	1.64E-02	0.00173	4.5E-06	0.00046	0.0186	2.07E-02	0.002184	3.83E-06	0.000268	2.32E-02	0.020411	0.001878	3.13E-06	0.000284	0.022576
3389	498363.09	3848377.25	0.18628	0.4582	0.24904	0.20209	1.69E-02	0.00194	4.7E-06	0.00047	0.01929	2.13E-02	0.002447	3.96E-06	0.000273	2.40E-02	0.021003	0.002104	3.23E-06	0.00029	0.023401
3390	471363.09	3848877.25	1.61038	1.88365	1.53161	1.60699	1.46E-01	0.00797	2.9E-05	0.00372	0.15766	1.84E-01	0.010058	2.43E-05	0.002173	1.96E-01	0.18157	0.00865	1.99E-05	0.002308	0.192548
3391	471863.09	3848877.25	1.74615	2.01099	1.7515	1.724	1.58E-01	0.00851	3.3E-05	0.00399	0.17077	2.00E-01	0.010738	2.78E-05	0.002331	2.13E-01	0.196878	0.009235	2.27E-05	0.002476	0.208612
3392	472363.09	3848877.25	1.63805	1.86988	1.66713	1.84697	1.48E-01	0.00791	3.1E-05	0.00428	0.16066	1.87E-01	0.009984	2.65E-05	0.002497	2.00E-01	0.18469	0.008587	2.16E-05	0.002652	0.195951
3393	472863.09	3848877.25	2.0697	2.3422	2.17329	2.23349	1.88E-01	0.00991	4.1E-05	0.00517	0.20268	2.37E-01	0.012506	3.45E-05	0.00302	2.52E-01	0.233358	0.010756	2.82E-05	0.003207	0.24735
3394	473363.09	3848877.25	2.1343	2.44595	2.17701	1.94276	1.93E-01	0.01035	4.1E-05	0.0045	0.2083	2.44E-01	0.01306	3.46E-05	0.002627	2.60E-01	0.240642	0.011233	2.83E-05	0.00279	0.254692
3395	473863.09	3848877.25	1.90002	2.22371	1.95922	1.89711	1.72E-01	0.00941	3.7E-05	0.00439	0.18602	2.17E-01	0.011874	3.11E-05	0.002565	2.32E-01	0.214227	0.010212	2.54E-05	0.002724	0.227188
3396	474363.09	3848877.25	2.01359	2.38358	1.78264	1.90996	1.82E-01	0.01008	3.3E-05	0.00442	0.19702	2.30E-01	0.012727	2.83E-05	0.002582	2.46E-01	0.227032	0.010946	2.31E-05	0.002743	0.240744
3397	474863.09	3848877.25	1.99956	2.22678	1.92175	1.68028	1.81E-01	0.00942	3.6E-05	0.00389	0.19455	2.29E-01	0.01189	3.05E-05	0.002272	2.43E-01	0.22545	0.010226	2.49E-05	0.002413	0.238114
3398	475363.09	3848877.25	2.00424	2.13538	1.75626	1.60116	1.82E-01	0.00903	3.3E-05	0.00371	0.1944	2.29E-01	0.011402	2.79E-05	0.002165	2.43E-01	0.225977	0.009806	2.28E-05	0.002299	0.238106
3399	475863.09	3848877.25	2.20322	2.45144	2.20938	1.90747	2.00E-01	0.01037	4.1E-05	0.00442	0.21449	2.52E-01	0.01309	3.51E-05	0.002579	2.68E-01	0.248412	0.011258	2.87E-05	0.002739	0.262438
3400	476363.09	3848877.25	2.07991	2.35459	2.2794	1.58701	1.88E-01	0.00996	4.3E-05	0.00368	0.20217	2.38E-01	0.012572	3.62E-05	0.002146	2.53E-01	0.234509	0.010813	2.96E-05	0.002279	0.247631
3401	476863.09	3848877.25	1.7917	1.94104	1.84841	1.33472	1.62E-01	0.00821	3.5E-05	0.00309	0.17371	2.05E-01	0.010364	2.94E-05	0.001805	2.17E-01	0.202014	0.008914	2.4E-05	0.001917	0.212868
3402	477363.09	3848877.25	2.01767	2.16331	1.74578	1.69072	1.83E-01	0.00915	3.3E-05	0.00392	0.19595	2.31E-01	0.011551	2.77E-05	0.002286	2.45E-01	0.227492	0.009935	2.27E-05	0.002428	0.239877
3403	477863.09	3848877.25	2.82444	3.23561	2.16103	1.48052	2.56E-01	0.01369	4E-05	0.00343	0.27311	3.23E-01	0.017277	3.43E-05	0.002002	3.42E-01	0.318455	0.014859	2.81E-05	0.002126	0.335468
3404	478363.09	3848877.25	3.49274	4.07294	3.65499	2.53652	3.17E-01	0.01723	6.8E-05	0.00588	0.33969	3.99E-01	0.021748	5.81E-05	0.00343	4.25E-01	0.393805	0.018704	4.74E-05	0.003643	0.4162
3405	478863.09	3848877.25	3.42763	3.73418	3.726	2.54962	3.11E-01	0.0158	7E-05	0.00591	0.33239	3.92E-01	0.019939	5.92E-05	0.003447	4.15E-01	0.386464	0.017149	4.84E-05	0.003661	0.407323
3406	479363.09	3848877.25	2.41687	2.57671	2.80306	2.1978	2.19E-01	0.0109	5.2E-05	0.00509	0.23507	2.76E-01	0.013758	4.45E-05	0.002972	2.93E-01	0.272501	0.011833	3.64E-05	0.003156	0.287527
3407	479863.09	3848877.25	1.68942	2.40296	1.95366	1.27486	1.53E-01	0.01017	3.7E-05	0.00295	0.16625	1.93E-01	0.012831	3.1E-05	0.001724	2.08E-01	0.190482	0.011035	2.54E-05	0.001831	0.203373
3408	480363.09	3848877.25	1.39835	1.49018	1.68171	1.07837	1.27E-01	0.0063	3.1E-05	0.0025	0.13555	1.60E-01	0.007957	2.67E-05	0.001458	1.69E-01	0.157663	0.006843	2.18E-05	0.001549	0.166077
3409	480863.09	3848877.25	1.76134	1.78759	2.04961	0.97066	1.60E-01	0.00756	3.8E-05	0.00225	0.16947	2.01E-01	0.009545	3.26E-05	0.001312	2.12E-01	0.19859	0.008209	2.66E-05	0.001394	0.20822
3410	481363.09	3848877.25	1.49694	1.66027	1.83088	0.85948	1.36E-01	0.00702	3.4E-05	0.00199	0.1447	1.71E-01	0.008865	2.91E-05	0.001162	1.81E-01	0.168779	0.007625	2.38E-05	0.001234	0.177662
3411	481863.09	3848877.25	1.20268	1.22893	1.48383	0.7865	1.09E-01	0.0052	2.8E-05	0.00182	0.11604	1.38E-01	0.006562	2.36E-05	0.001063	1.45E-01	0.135602	0.005644	1.93E-05	0.001129	0.142394
3412	482363.09	3848877.25	0.8376	1.18212	1.08753	0.61545	7.59E-02	0.005	2E-05	0.00143	0.08235	9.58E-02	0.006312	1.73E-05	0.000832	1.03E-01	0.094439	0.005429	1.41E-05	0.000884	0.100766

3413	482863.09	3848877.25	0.5782	0.80603	0.71598	0.50676	5.24E-02	0.00341	1.3E-05	0.00117	0.05699	6.61E-02	0.004304	1.14E-05	0.000685	7.11E-02	0.065192	0.003702	9.29E-06	0.000728	0.06963
3414	483363.09	3848877.25	0.42527	0.62999	0.54827	0.44063	3.85E-02	0.00267	1E-05	0.00102	0.04223	4.86E-02	0.003364	8.71E-06	0.000596	5.26E-02	0.047949	0.002893	7.12E-06	0.000633	0.051482
3415	483863.09	3848877.25	0.42532	0.48912	0.55899	0.38115	3.85E-02	0.00207	1E-05	0.00088	0.04151	4.86E-02	0.002612	8.88E-06	0.000515	5.18E-02	0.047955	0.002246	7.26E-06	0.000547	0.050756
3416	484363.09	3848877.25	0.47862	0.85143	0.64294	0.42988	4.34E-02	0.0036	1.2E-05	0.001	0.04798	5.47E-02	0.004546	1.02E-05	0.000581	5.99E-02	0.053964	0.00391	8.35E-06	0.000617	0.0585
3417	484863.09	3848877.25	0.56901	0.8912	0.74857	0.46828	5.16E-02	0.00377	1.4E-05	0.00108	0.05643	6.51E-02	0.004759	1.19E-05	0.000633	7.05E-02	0.064156	0.004093	9.72E-06	0.000672	0.068931
3418	485363.09	3848877.25	0.4998	0.70835	0.7068	0.43948	4.53E-02	0.003	1.3E-05	0.00102	0.04932	5.72E-02	0.003782	1.12E-05	0.000594	6.16E-02	0.056352	0.003253	9.17E-06	0.000631	0.060246
3419	485863.09	3848877.25	0.43515	0.95583	0.59881	0.39144	3.94E-02	0.00404	1.1E-05	0.00091	0.0444	4.98E-02	0.005104	9.52E-06	0.000529	5.54E-02	0.049063	0.00439	7.77E-06	0.000562	0.054022
3420	486363.09	3848877.25	0.39652	0.75358	0.54103	0.34674	3.59E-02	0.00319	1E-05	0.0008	0.03993	4.54E-02	0.004024	8.6E-06	0.000469	4.99E-02	0.044707	0.003461	7.02E-06	0.000498	0.048673
3421	486863.09	3848877.25	0.33924	0.50894	0.44954	0.31446	3.07E-02	0.00215	8.4E-06	0.00073	0.03363	3.88E-02	0.002717	7.14E-06	0.000425	4.20E-02	0.038249	0.002337	5.84E-06	0.000452	0.041044
3422	487363.09	3848877.25	0.3137	0.56207	0.43139	0.30877	2.84E-02	0.00238	8.1E-06	0.00072	0.03153	3.59E-02	0.003001	6.86E-06	0.000417	3.93E-02	0.03537	0.002581	5.6E-06	0.000443	0.0384
3423	487863.09	3848877.25	0.28886	0.46887	0.39227	0.28031	2.62E-02	0.00198	7.3E-06	0.00065	0.02882	3.30E-02	0.002504	6.23E-06	0.000379	3.59E-02	0.032569	0.002153	5.09E-06	0.000403	0.03513
3424	488363.09	3848877.25	0.27986	0.55176	0.37351	0.26286	2.54E-02	0.00233	7E-06	0.00061	0.02831	3.20E-02	0.002946	5.94E-06	0.000355	3.53E-02	0.031554	0.002534	4.85E-06	0.000377	0.03447
3425	488863.09	3848877.25	0.25723	0.47658	0.35689	0.2487	2.33E-02	0.00202	6.7E-06	0.00058	0.02591	2.94E-02	0.002545	5.67E-06	0.000336	3.23E-02	0.029003	0.002189	4.63E-06	0.000357	0.031553
3426	489363.09	3848877.25	0.2562	0.6962	0.33311	0.24536	2.32E-02	0.00295	6.2E-06	0.00057	0.02674	2.93E-02	0.003717	5.29E-06	0.000332	3.34E-02	0.028886	0.003197	4.32E-06	0.000352	0.03244
3427	489863.09	3848877.25	0.25714	0.62947	0.3439	0.24449	2.33E-02	0.00266	6.4E-06	0.00057	0.02654	2.94E-02	0.003361	5.47E-06	0.000331	3.31E-02	0.028992	0.002891	4.46E-06	0.000351	0.032239
3428	490363.09	3848877.25	0.23981	0.55269	0.31551	0.23208	2.17E-02	0.00234	5.9E-06	0.00054	0.02461	2.74E-02	0.002951	5.01E-06	0.000314	3.07E-02	0.027038	0.002538	4.1E-06	0.000333	0.029914
3429	490863.09	3848877.25	0.22731	0.44414	0.30237	0.22172	2.06E-02	0.00188	5.7E-06	0.00051	0.023	2.60E-02	0.002371	4.81E-06	0.0003	2.87E-02	0.025629	0.00204	3.92E-06	0.000318	0.027991
3430	491363.09	3848877.25	0.21062	0.433	0.27823	0.22279	1.91E-02	0.00183	5.2E-06	0.00052	0.02144	2.41E-02	0.002312	4.42E-06	0.000301	2.67E-02	0.023747	0.001988	3.61E-06	0.00032	0.026059
3431	491863.09	3848877.25	0.1833	0.38597	0.24002	0.20586	1.66E-02	0.00163	4.5E-06	0.00048	0.01873	2.10E-02	0.002061	3.81E-06	0.000278	2.33E-02	0.020667	0.001773	3.12E-06	0.000296	0.022738
3432	492363.09	3848877.25	0.16132	0.30075	0.21371	0.18885	1.46E-02	0.00127	4E-06	0.00044	0.01633	1.85E-02	0.001606	3.4E-06	0.000255	2.03E-02	0.018189	0.001381	2.77E-06	0.000271	0.019844
3433	492863.09	3848877.25	0.14488	0.3192	0.18571	0.17728	1.31E-02	0.00135	3.5E-06	0.00041	0.01489	1.66E-02	0.001704	2.95E-06	0.00024	1.85E-02	0.016335	0.001466	2.41E-06	0.000255	0.018058
3434	493363.09	3848877.25	0.13179	0.28393	0.15665	0.17579	1.19E-02	0.0012	2.9E-06	0.00041	0.01355	1.51E-02	0.001516	2.49E-06	0.000238	1.68E-02	0.014859	0.001304	2.03E-06	0.000252	0.016418
3435	493863.09	3848877.25	0.1352	0.28284	0.16417	0.1687	1.23E-02	0.0012	3.1E-06	0.00039	0.01384	1.55E-02	0.00151	2.61E-06	0.000228	1.72E-02	0.015244	0.001299	2.13E-06	0.000242	0.016787
3436	494363.09	3848877.25	0.13301	0.29275	0.15611	0.16447	1.21E-02	0.00124	2.9E-06	0.00038	0.01368	1.52E-02	0.001563	2.48E-06	0.000222	1.70E-02	0.014997	0.001344	2.03E-06	0.000236	0.016579
3437	494863.09	3848877.25	0.13753	0.29004	0.16572	0.17334	1.25E-02	0.00123	3.1E-06	0.0004	0.01409	1.57E-02	0.001549	2.63E-06	0.000234	1.75E-02	0.015506	0.001332	2.15E-06	0.000249	0.01709
3438	495363.09	3848877.25	0.13442	0.28501	0.17083	0.17914	1.22E-02	0.00121	3.2E-06	0.00041	0.01381	1.54E-02	0.001522	2.72E-06	0.000242	1.71E-02	0.015156	0.001309	2.22E-06	0.000257	0.016724
3439	495863.09	3848877.25	0.12395	0.26292	0.15083	0.16609	1.12E-02	0.00111	2.8E-06	0.00038	0.01273	1.42E-02	0.001404	2.4E-06	0.000225	1.58E-02	0.013975	0.001207	1.96E-06	0.000239	0.015423
3440	496363.09	3848877.25	0.12852	0.25479	0.15298	0.17381	1.16E-02	0.00108	2.9E-06	0.0004	0.01313	1.47E-02	0.00136	2.43E-06	0.000235	1.63E-02	0.014491	0.00117	1.99E-06	0.00025	0.015912
3441	496863.09	3848877.25	0.14175	0.27969	0.17401	0.17965	1.28E-02	0.00118	3.3E-06	0.00042	0.01445	1.62E-02	0.001493	2.77E-06	0.000243	1.80E-02	0.015982	0.001284	2.26E-06	0.000258	0.017527
3442	497363.09	3848877.25	0.16147	0.39205	0.21446	0.19899	1.46E-02	0.00166	4E-06	0.00046	0.01676	1.85E-02	0.002093	3.41E-06	0.000269	2.08E-02	0.018206	0.0018	2.78E-06	0.000286	0.020295
3443	497863.09	3848877.25	0.18472	0.45019	0.24086	0.20715	1.67E-02	0.0019	4.5E-06	0.00048	0.01913	2.11E-02	0.002404	3.83E-06	0.00028	2.38E-02	0.020827	0.002067	3.13E-06	0.000297	0.023195
3444	498363.09	3848877.25	0.19988	0.47157	0.26327	0.217	1.81E-02	0.00199	4.9E-06	0.0005	0.02062	2.29E-02	0.002518	4.18E-06	0.000293	2.57E-02	0.022536	0.002166	3.42E-06	0.000312	0.025017
3445	471363.09	3849377.25	1.34774	1.60723	1.51036	1.41355	1.22E-01	0.0068	2.8E-05	0.00327	0.13224	1.54E-01	0.008582	2.4E-05	0.001911	1.65E-01	0.151957	0.007381	1.96E-05	0.00203	0.161388
3446	471863.09	3849377.25	1.64943	1.70924	1.61783	1.60967	1.49E-01	0.00723	3E-05	0.00373	0.16046	1.89E-01	0.009127	2.57E-05	0.002176	2.00E-01	0.185973	0.007849	2.1E-05	0.002312	0.196155
3447	472363.09	3849377.25	1.80072	2.06378	1.70627	1.84561	1.63E-01	0.00873	3.2E-05	0.00427	0.17622	2.06E-01	0.01102	2.71E-05	0.002495	2.20E-01	0.203031	0.009478	2.21E-05	0.00265	0.215181
3448	472863.09	3849377.25	1.88969	2.20383	1.95943	1.90854	1.71E-01	0.00932	3.7E-05	0.00442	0.18503	2.16E-01	0.011767	3.11E-05	0.002581	2.31E-01	0.213062	0.010121	2.54E-05	0.002741	0.225949
3449	473363.09	3849377.25	1.82918	2.20461	1.91142	2.1578	1.66E-01	0.00933	3.6E-05	0.005	0.18012	2.09E-01	0.011772	3.04E-05	0.002918	2.24E-01	0.206239	0.010124	2.48E-05	0.003099	0.219487
3450	473863.09	3849377.25	2.43636	2.79122	2.4128	2.45183	2.21E-01	0.01181	4.5E-05	0.00568	0.23832	2.79E-01	0.014904	3.83E-05	0.003315	2.97E-01	0.274699	0.012818	3.13E-05	0.003521	0.291069
3451	474363.09	3849377.25	2.32568	2.80764	2.32159	2.24205	2.11E-01	0.01188	4.3E-05	0.00519	0.22787	2.66E-01	0.014991	3.69E-05	0.003031	2.84E-01	0.26222	0.012894	3.01E-05	0.00322	0.278363
3452	474863.09	3849377.25	2.18656	2.41382	2.11001	1.96519	1.98E-01	0.01021	4E-05	0.00455	0.21295	2.50E-01	0.012889	3.35E-05	0.002657	2.66E-01	0.246534	0.011085	2.74E-05	0.002822	0.260469
3453	475363.09	3849377.25	2.19931	2.50286	2.14316	2.10205	1.99E-01	0.01059	4E-05	0.00487	0.2148	2.52E-01	0.013364	3.41E-05	0.002842	2.68E-01	0.247971	0.011494	2.78E-05	0.003019	0.262512
3454	475863.09	3849377.25	2.08731	2.47217	2.02154	1.86418	1.89E-01	0.01046	3.8E-05	0.00432	0.20397	2.39E-01	0.0132	3.21E-05	0.002521	2.54E-01	0.235343	0.011353	2.62E-05	0.002677	0.2494
3455	476363.09	3849377.25	2.35768	2.71349	2.22831	2.12972	2.14E-01	0.01148	4.2E-05	0.00493	0.23011	2.70E-01	0.014489	3.54E-05	0.00288	2.87E-01	0.265828	0.012461	2.89E-05	0.003058	0.281376
3456	476863.09	3849377.25	2.5886	3.02343	2.69302	2.24124	2.35E-01	0.01279	5E-05	0.00519	0.25262	2.96E-01	0.016144	4.28E-05	0.00303	3.15E-01	0.291864	0.013885	3.5E-05	0.003219	0.309002
3457	477363.09	3849377.25	2.13441	2.22847	2.06216	1.73551	1.93E-01	0.00943	3.9E-05	0.00402	0.20691	2.44E-01	0.011899	3.28E-05	0.002347	2.58E-01	0.240654	0.010234	2.68E-05	0.002492	0.253407
3458	477863.09	3849377.25	2.13634	2.3317	2.14997	1.84227	1.94E-01	0.00986	4E-05	0.00427	0.20777	2.44E-01	0.01245	3.42E-05	0.002491	2.59E-01	0.240872	0.010708	2.79E-05	0.002646	0.254253
3459	478363.09	3849377.25	3.42289	3.87699	2.41765	1.58344	3.10E-01	0.0164	4.5E-05	0.00367	0.3303	3.92E-01	0.020701	3.84E-05	0.002141	4.14E-01	0.38593	0.017805	3.14E-05	0.002274	0.40604
3460	478863.09	3849377.25	3.83978	4.53319	4.04343	2.64981	3.48E-01	0.01918	7.6E-05	0.00614	0.37336	4.39E-01	0.024205	6.43E-05	0.003583	4.67E-01	0.432934	0.020818	5.25E-05	0.003805	0.45761
3461	479363.09	3849377.25	3.70053	4.27779	3.98993	2.89847	3.35E-01	0.0181	7.5E-05	0.00671	0.36024	4.23E-01	0.022841	6.34E-05	0.003919	4.50E-01	0.417233	0.019645	5.18E-05	0.004162	0.441093
3462	479863.09	3849377.25	2.60852	2.74827	2.86455	2.27223	2.36E-01	0.01163	5.4E-05	0.00526	0.25333	2.98E-01	0.014674	4.55E-05	0.003072	3.16E-01	0.29411	0.012621	3.72E-05	0.003263	0.310031
3463	480363.09	3849377.25	2.52855	3.3056	2.78168	1.7798	2.29E-01	0.01398	5.2E-05	0.00412	0.2473	2.89E-01	0.01765	4.42E-05	0.002406	3.09E-01	0.285093	0.015181	3.61E-05	0.002556	0.302866
3464	480863.09	3849377.25	2.06915	2.07611	2.14967	1.46662	1.88E-01	0.00878	4E-05	0.0034	0.19973	2.37E-01	0.011085	3.42E-05	0.001983	2.50E-01	0.233296	0.009534	2.79E-05	0.002106	0.244964
3465	481363.09	3849377.25	1.83614	2.12726	2.0692	1.06959	1.66E-01	0.009	3.9E-05	0.00248	0.17791	2.10E-01	0.011359	3.29E-05	0.001446	2.23E-01	0.207024	0.009769	2.69E-05	0.001536	0.218356
3466	481863.09	3849377.25	1.06001	0.98011	1.39533	0.69625	9.61E-02	0.00415	2.6E-05	0.00161	0.10185	1.21E-01	0.005233	2.22E-05	0.000941	1.27E-01	0.119516	0.004501	1.81E-05	0.001	0.125035
3467	482363.09	3849377.25	0.78231	0.98415	1.02969	0.6111	7.09E-02	0.00416	1.9E-05	0.00142	0.07649	8.95E-02	0.005255	1.64E-05	0.000826	9.56E-02	0.088205	0.00452	1.34E-05	0.000878	0.093616
3468	482863.09	3849377.25	0.5577	0.79936	0.71031	0.50328	5.05E-02	0.00338	1.3E-05	0.00117	0.0551	6.38E-02	0.004268	1.13E-05	0.00068	6.87E-02	0.06288	0.003671	9.22E-06	0.000723	0.067283
3469	483363.09	3849377.25	0.43843	0.68785	0.56774	0.45373	3.97E-02	0.00291	1.1E-05	0.00105	0.0437	5.01E-02	0.003673	9.02E-06	0.000613	5.44E-02	0.049433	0.003159	7.37E-06	0.000652	0.053251
3470	483863.09	3849377.25	0.34581	0.45282	0.45591	0.36055	3.13E-02	0.00192	8.5E-06	0.00084	0.0341	3.96E-02	0.002418	7.25E-06	0.000488	4.25E-02	0.03899	0.00208	5.92E-06	0.000518	0.041593
3471	484363.09	3849377.25	0.53916	0.88478	0.72075	0.46769	4.89E-02	0.00374	1.3E-05	0.00108	0.0537	6.17E-02	0.004724	1.15E-05	0.000632	6.70E-02	0.06079	0.004063	9.36E-06	0.000672	0.065534
3472	484863.09	3849377.25	0.68767	1.1654	0.93326	0.54368	6.23E-02	0.00493	1.7E-05	0.00126	0.06853	7.87E-02	0.006223	1.48E-05	0.000735	8.56E-02	0.077535	0.005352	1.21E-05	0.000781	0.083679
3473	485363.09	3849377.25	0.6243	0.85712	0.85025	0.49207	5.66E-02	0.00363	1.6E-05	0.00114	0.06136	7.14E-02	0.004577	1.35E-05	0.000665	7.67E-02	0.07039	0.003936	1.1E-05	0.000707	0.075043

3474	485863.09	3849377.25	0.38911	0.83456	0.52127	0.38416		3.53E-02	0.00353	9.8E-06	0.00089	0.03969		4.45E-02	0.004456	8.28E-06	0.000519	4.95E-02		0.043872	0.003833	6.77E-06	0.000552	0.048263
3475	486363.09	3849377.25	0.31526	0.63238	0.43743	0.30745		2.86E-02	0.00268	8.2E-06	0.00071	0.03197		3.61E-02	0.003377	6.95E-06	0.000416	3.99E-02		0.035545	0.002904	5.68E-06	0.000442	0.038897
3476	486863.09	3849377.25	0.36763	0.57833	0.50328	0.34158		3.33E-02	0.00245	9.4E-06	0.00079	0.03656		4.20E-02	0.003088	8E-06	0.000462	4.56E-02		0.04145	0.002656	6.53E-06	0.000491	0.044603
3477	487363.09	3849377.25	0.35784	0.8437	0.48096	0.33703		3.24E-02	0.00357	9E-06	0.00078	0.03679		4.09E-02	0.004505	7.64E-06	0.000456	4.59E-02		0.040346	0.003875	6.24E-06	0.000484	0.044711
3478	487863.09	3849377.25	0.33394	0.56383	0.44903	0.30907		3.03E-02	0.00239	8.4E-06	0.00072	0.03337		3.82E-02	0.003011	7.14E-06	0.000418	4.16E-02		0.037652	0.002589	5.83E-06	0.000444	0.040691
3479	488363.09	3849377.25	0.32189	0.66168	0.42541	0.28577		2.92E-02	0.0028	8E-06	0.00066	0.03264		3.68E-02	0.003533	6.76E-06	0.000386	4.07E-02		0.036293	0.003039	5.52E-06	0.00041	0.039748
3480	488863.09	3849377.25	0.30155	0.71618	0.40997	0.27772		2.73E-02	0.00303	7.7E-06	0.00064	0.03101		3.45E-02	0.003824	6.52E-06	0.000376	3.87E-02		0.034	0.003289	5.32E-06	0.000399	0.037693
3481	489363.09	3849377.25	0.29739	0.76546	0.39769	0.26286		2.70E-02	0.00324	7.4E-06	0.00061	0.0308		3.40E-02	0.004087	6.32E-06	0.000355	3.85E-02		0.033531	0.003515	5.16E-06	0.000377	0.037429
3482	489863.09	3849377.25	0.28023	0.68451	0.37319	0.26156		2.54E-02	0.0029	7E-06	0.00061	0.0289		3.21E-02	0.003655	5.93E-06	0.000354	3.61E-02		0.031596	0.003144	4.84E-06	0.000376	0.03512
3483	490363.09	3849377.25	0.26154	0.55917	0.3462	0.2441		2.37E-02	0.00237	6.5E-06	0.00057	0.02664		2.99E-02	0.002986	5.5E-06	0.00033	3.32E-02		0.029489	0.002568	4.49E-06	0.000351	0.032411
3484	490863.09	3849377.25	0.2417	0.49521	0.32908	0.23964		2.19E-02	0.00209	6.2E-06	0.00056	0.02456		2.76E-02	0.002644	5.23E-06	0.000324	3.06E-02		0.027252	0.002274	4.27E-06	0.000344	0.029874
3485	491363.09	3849377.25	0.22276	0.47179	0.29305	0.22906		2.02E-02	0.002	5.5E-06	0.00053	0.02272		2.55E-02	0.002519	4.66E-06	0.00031	2.83E-02		0.025116	0.002167	3.8E-06	0.000329	0.027615
3486	491863.09	3849377.25	0.19507	0.43223	0.25486	0.21044		1.77E-02	0.00183	4.8E-06	0.00049	0.02		2.23E-02	0.002308	4.05E-06	0.000285	2.49E-02		0.021994	0.001985	3.31E-06	0.000302	0.024285
3487	492363.09	3849377.25	0.17323	0.42368	0.22062	0.20036		1.57E-02	0.00179	4.1E-06	0.00046	0.01796		1.98E-02	0.002262	3.51E-06	0.000271	2.24E-02		0.019532	0.001946	2.86E-06	0.000288	0.021768
3488	492863.09	3849377.25	0.15305	0.33739	0.19207	0.19297		1.39E-02	0.00143	3.6E-06	0.00045	0.01575		1.75E-02	0.001802	3.05E-06	0.000261	1.96E-02		0.017256	0.001549	2.49E-06	0.000277	0.019085
3489	493363.09	3849377.25	0.1527	0.31828	0.17891	0.17717		1.38E-02	0.00135	3.3E-06	0.00041	0.0156		1.75E-02	0.001699	2.84E-06	0.00024	1.94E-02		0.017217	0.001462	2.32E-06	0.000254	0.018935
3490	493863.09	3849377.25	0.13995	0.30719	0.16639	0.17496		1.27E-02	0.0013	3.1E-06	0.00041	0.01439		1.60E-02	0.00164	2.64E-06	0.000237	1.79E-02		0.015779	0.001411	2.16E-06	0.000251	0.017443
3491	494363.09	3849377.25	0.14933	0.31652	0.17869	0.17811		1.35E-02	0.00134	3.3E-06	0.00041	0.01529		1.71E-02	0.00169	2.84E-06	0.000241	1.90E-02		0.016837	0.001454	2.32E-06	0.000256	0.018549
3492	494863.09	3849377.25	0.14932	0.35542	0.19379	0.20906		1.35E-02	0.0015	3.6E-06	0.00048	0.01552		1.71E-02	0.001898	3.08E-06	0.000283	1.93E-02		0.016836	0.001632	2.52E-06	0.0003	0.018771
3493	495363.09	3849377.25	0.15808	0.38035	0.19947	0.20119		1.43E-02	0.00161	3.7E-06	0.00047	0.0164		1.81E-02	0.002031	3.17E-06	0.000272	2.04E-02		0.017823	0.001747	2.59E-06	0.000289	0.019862
3494	495863.09	3849377.25	0.13567	0.27288	0.16608	0.1743		1.23E-02	0.00115	3.1E-06	0.0004	0.01386		1.55E-02	0.001457	2.64E-06	0.000236	1.72E-02		0.015297	0.001253	2.16E-06	0.00025	0.016802
3495	496363.09	3849377.25	0.1313	0.25573	0.16038	0.16609		1.19E-02	0.00108	3E-06	0.00038	0.01337		1.50E-02	0.001365	2.55E-06	0.000225	1.66E-02		0.014804	0.001174	2.08E-06	0.000239	0.016219
3496	496863.09	3849377.25	0.15359	0.36751	0.20202	0.20299		1.39E-02	0.00155	3.8E-06	0.00047	0.01595		1.76E-02	0.001962	3.21E-06	0.000274	1.98E-02		0.017317	0.001688	2.62E-06	0.000292	0.019299
3497	497363.09	3849377.25	0.16985	0.39614	0.21594	0.214		1.54E-02	0.00168	4E-06	0.0005	0.01757		1.94E-02	0.002115	3.43E-06	0.000289	2.18E-02		0.019151	0.001819	2.8E-06	0.000307	0.02128
3498	497863.09	3849377.25	0.22925	0.55057	0.30894	0.2305		2.08E-02	0.00233	5.8E-06	0.00053	0.02364		2.62E-02	0.00294	4.91E-06	0.000312	2.95E-02		0.025848	0.002528	4.01E-06	0.000331	0.028711
3499	498363.09	3849377.25	0.21379	0.51408	0.28111	0.22993		1.94E-02	0.00217	5.3E-06	0.00053	0.02209		2.45E-02	0.002745	4.47E-06	0.000311	2.75E-02		0.024105	0.002361	3.65E-06	0.00033	0.026799
3500	471363.09	3849877.25	1.2117	1.49603	1.2815	1.06789		1.10E-01	0.00633	2.4E-05	0.00247	0.11863		1.39E-01	0.007988	2.04E-05	0.001444	1.48E-01		0.136619	0.00687	1.66E-05	0.001534	0.145039
3501	471863.09	3849877.25	1.41554	1.55683	1.48842	1.3217		1.28E-01	0.00659	2.8E-05	0.00306	0.13795		1.62E-01	0.008313	2.37E-05	0.001787	1.72E-01		0.159602	0.00715	1.93E-05	0.001898	0.168669
3502	472363.09	3849877.25	1.55212	1.85341	1.63704	1.58123		1.41E-01	0.00784	3.1E-05	0.00366	0.15219		1.78E-01	0.009896	2.6E-05	0.002138	1.90E-01		0.175001	0.008512	2.12E-05	0.002271	0.185805
3503	472863.09	3849877.25	1.82056	1.9824	1.79482	1.8582		1.65E-01	0.00839	3.4E-05	0.0043	0.17771		2.08E-01	0.010585	2.85E-05	0.002512	2.21E-01		0.205268	0.009104	2.33E-05	0.002668	0.217063
3504	473363.09	3849877.25	1.97165	2.28126	1.95487	2.11149		1.79E-01	0.00965	3.7E-05	0.00489	0.19325		2.26E-01	0.012181	3.11E-05	0.002855	2.41E-01		0.222303	0.010476	2.54E-05	0.003032	0.235837
3505	473863.09	3849877.25	2.07885	2.43794	2.20585	2.12602		1.88E-01	0.01031	4.1E-05	0.00492	0.20367		2.38E-01	0.013017	3.51E-05	0.002875	2.54E-01		0.23439	0.011196	2.86E-05	0.003053	0.248667
3506	474363.09	3849877.25	2.0818	2.55229	2.20687	2.64053		1.89E-01	0.0108	4.1E-05	0.00612	0.20561		2.38E-01	0.013628	3.51E-05	0.00357	2.55E-01		0.234722	0.011721	2.86E-05	0.003792	0.250264
3507	474863.09	3849877.25	2.62094	3.07265	2.71242	2.80564		2.38E-01	0.013	5.1E-05	0.0065	0.25706		3.00E-01	0.016406	4.31E-05	0.003794	3.20E-01		0.29551	0.014111	3.52E-05	0.004029	0.313685
3508	475363.09	3849877.25	2.53609	2.99027	2.58015	2.40182		2.30E-01	0.01265	4.8E-05	0.00556	0.24809		2.90E-01	0.015967	4.1E-05	0.003248	3.09E-01		0.285943	0.013732	3.35E-05	0.003449	0.303158
3509	475863.09	3849877.25	2.60505	3.09037	2.33858	2.30384		2.36E-01	0.01307	4.4E-05	0.00534	0.25453		2.98E-01	0.016501	3.72E-05	0.003115	3.18E-01		0.293718	0.014192	3.04E-05	0.003308	0.311249
3510	476363.09	3849877.25	2.39158	2.75592	2.46699	2.34341		2.17E-01	0.01166	4.6E-05	0.00543	0.23386		2.74E-01	0.014715	3.92E-05	0.003169	2.91E-01		0.26965	0.012656	3.2E-05	0.003365	0.285703
3511	476863.09	3849877.25	2.44293	2.85233	2.50931	2.33621		2.21E-01	0.01207	4.7E-05	0.00541	0.23891		2.79E-01	0.01523	3.99E-05	0.003159	2.98E-01		0.27544	0.013099	3.26E-05	0.003355	0.291926
3512	477363.09	3849877.25	2.68479	3.05574	2.55419	2.71878		2.43E-01	0.01293	4.8E-05	0.0063	0.26257		3.07E-01	0.016316	4.06E-05	0.003676	3.27E-01		0.302709	0.014033	3.32E-05	0.003904	0.32068
3513	477863.09	3849877.25	2.61215	2.88069	2.48963	1.89523		2.37E-01	0.01219	4.7E-05	0.00439	0.25334		2.99E-01	0.015382	3.96E-05	0.002563	3.17E-01		0.294519	0.013229	3.23E-05	0.002722	0.310502
3514	478363.09	3849877.25	2.52068	2.70326	2.417	2.07377		2.28E-01	0.01144	4.5E-05	0.0048	0.24471		2.88E-01	0.014434	3.84E-05	0.002804	3.06E-01		0.284206	0.012414	3.14E-05	0.002978	0.29963
3515	478863.09	3849877.25	3.87208	4.47304	2.67961	2.18349		3.51E-01	0.01892	5E-05	0.00506	0.37493		4.43E-01	0.023884	4.26E-05	0.002952	4.70E-01		0.436576	0.020542	3.48E-05	0.003136	0.460288
3516	479363.09	3849877.25	4.40564	5.03221	4.60792	3.18178		3.99E-01	0.02129	8.6E-05	0.00737	0.42799		5.04E-01	0.02687	7.32E-05	0.004302	5.35E-01		0.496734	0.02311	5.98E-05	0.004569	0.524473
3517	479863.09	3849877.25	4.35137	5.03514	4.73031	3.66745		3.94E-01	0.0213	8.9E-05	0.00849	0.42421		4.98E-01	0.026885	7.52E-05	0.004959	5.30E-01		0.490615	0.023123	6.14E-05	0.005267	0.519067
3518	480363.09	3849877.25	3.17845	3.501	3.69163	2.79364		2.88E-01	0.01481	6.9E-05	0.00647	0.30939		3.64E-01	0.018694	5.87E-05	0.003777	3.86E-01		0.358369	0.016078	4.79E-05	0.004012	0.378507
3519	480863.09	3849877.25	2.4481	3.31194	2.57842	1.75569		2.22E-01	0.01401	4.8E-05	0.00407	0.23998		2.80E-01	0.017684	4.1E-05	0.002374	3.00E-01		0.276022	0.01521	3.35E-05	0.002521	0.293787
3520	481363.09	3849877.25	2.0989	2.24178	2.51498	1.33343		1.90E-01	0.00948	4.7E-05	0.00309	0.20283		2.40E-01	0.01197	4E-05	0.001803	2.54E-01		0.23665	0.010295	3.26E-05	0.001915	0.248893
3521	481863.09	3849877.25	1.10759	1.54771	1.37903	0.76347		1.00E-01	0.00655	2.6E-05	0.00177	0.10871		1.27E-01	0.008264	2.19E-05	0.001032	1.36E-01		0.12488	0.007108	1.79E-05	0.001096	0.133102
3522	482363.09	3849877.25	0.78087	0.83689	1.0061	0.638		7.08E-02	0.00354	1.9E-05	0.00148	0.0758		8.93E-02	0.004469	1.6E-05	0.000863	9.47E-02		0.088043	0.003843	1.31E-05	0.000916	0.092815
3523	482863.09	3849877.25	0.59024	0.74396	0.79905	0.53402		5.35E-02	0.00315	1.5E-05	0.00124	0.05789		6.75E-02	0.003972	1.27E-05	0.000722	7.22E-02		0.066549	0.003417	1.04E-05	0.000767	0.070743
3524	483363.09	3849877.25	0.44185	0.63967	0.58872	0.46706		4.00E-02	0.00271	1.1E-05	0.00108	0.04384		5.05E-02	0.003416	9.36E-06	0.000632	5.46E-02		0.049818	0.002938	7.64E-06	0.000671	0.053434
3525	483863.09	3849877.25	0.40532	0.57197	0.53233	0.42388		3.67E-02	0.00242	1E-05	0.00098	0.04014		4.64E-02	0.003054	8.46E-06	0.000573	5.00E-02		0.0457	0.002627	6.91E-06	0.000609	0.048942
3526	484363.09	3849877.25	0.57839	1.03004	0.79197	0.50877		5.24E-02	0.00436	1.5E-05	0.00118	0.05797		6.62E-02	0.0055	1.26E-05	0.000688	7.24E-02		0.065213	0.00473	1.03E-05	0.000731	0.070685
3527	484863.09	3849877.25	0.87347	1.57235	1.17731	0.62219		7.92E-02	0.00665	2.2E-05	0.00144	0.08727		9.99E-02	0.008396	1.87E-05	0.000841	1.09E-01		0.098483	0.007221	1.53E-05	0.000893	0.106613
3528	485363.09	3849877.25	0.68863	1.00673	0.95221	0.53967		6.24E-02	0.00426	1.8E-05	0.00125	0.06793		7.88E-02	0.005375	1.51E-05	0.00073	8.49E-02		0.077643	0.004623	1.24E-05	0.000775	0.083053
3529	485863.09	3849877.25	0.48168	1.10922	0.64478	0.44391		4.37E-02	0.00469	1.2E-05	0.00103	0.04938		5.51E-02	0.005923	1.02E-05	0.0006	6.16E-02		0.054309	0.005094	8.37E-06	0.000637	0.060049
3530	486363.09	3849877.25	0.42395	0.85687	0.58615	0.38866		3.84E-02	0.00362	1.1E-05	0.0009	0.04296		4.85E-02	0.004575	9.32E-06	0.000526	5.36E-02		0.0478	0.003935	7.61E-06	0.000558	0.052301
3531	486863.09	3849877.25	0.46076	0.81986	0.63151	0.40158		4.18E-02	0.00347	1.2E-05	0.00093	0.04617		5.27E-02	0.004378	1E-05	0.000543	5.76E-02		0.051951	0.003765	8.2E-06	0.000577	0.056301
3532	487363.09	3849877.25	0.42187	0.96086	0.57269	0.37251		3.82E-02	0.00406	1.1E-05	0.00086	0.04317		4.83E-02	0.005131	9.1E-06	0.000504	5.39E-02		0.047566	0.004413	7.43E-06	0.000535	0.052521
3533	487863.09	3849877.25	0.38499	0.92658	0.52281	0.34015		3.49E-02	0.00392	9.8E-06	0.00079	0.03961		4.40E-02	0.004947	8.31E-06	0.00046	4.95E-02		0.043407	0.004255	6.79E-06	0.000488	0.048158
3534	488363.09	3849877.25	0.3779	0.84104	0.50588	0.31786		3.42E-02	0.00356	9.5E-06	0.00074	0.03855		4.32E-02	0.004491	8.04E-06	0.00043	4.82E-02		0.042608	0.003862	6.57E-06	0.000456	0.046933

3535	488863.09	3849877.25	0.37297	0.96378	0.4874	0.30258	3.38E-02	0.00408	9.1E-06	0.0007	0.03859	4.27E-02	0.005146	7.75E-06	0.000409	4.82E-02	0.042052	0.004426	6.33E-06	0.000435	0.046919
3536	489363.09	3849877.25	0.34314	0.88835	0.4528	0.29545	3.11E-02	0.00376	8.5E-06	0.00068	0.03555	3.92E-02	0.004743	7.2E-06	0.000399	4.44E-02	0.038689	0.00408	5.88E-06	0.000424	0.043199
3537	489863.09	3849877.25	0.31017	0.82493	0.40626	0.28101	2.81E-02	0.00349	7.6E-06	0.00065	0.03226	3.55E-02	0.004405	6.46E-06	0.00038	4.03E-02	0.034972	0.003788	5.27E-06	0.000404	0.039169
3538	490363.09	3849877.25	0.27877	0.63069	0.37294	0.26843	2.53E-02	0.00267	7E-06	0.00062	0.02856	3.19E-02	0.003368	5.93E-06	0.000363	3.56E-02	0.031431	0.002896	4.84E-06	0.000385	0.034718
3539	490863.09	3849877.25	0.26339	0.57498	0.3507	0.26111	2.39E-02	0.00243	6.6E-06	0.0006	0.02691	3.01E-02	0.00307	5.57E-06	0.000353	3.36E-02	0.029697	0.002641	4.55E-06	0.000375	0.032717
3540	491363.09	3849877.25	0.24625	0.57483	0.32097	0.24208	2.23E-02	0.00243	6E-06	0.00056	0.02531	2.82E-02	0.003069	5.1E-06	0.000327	3.16E-02	0.027765	0.00264	4.17E-06	0.000348	0.030756
3541	491863.09	3849877.25	0.21571	0.53041	0.27836	0.23858	1.95E-02	0.00224	5.2E-06	0.00055	0.02235	2.47E-02	0.002832	4.42E-06	0.000323	2.78E-02	0.024321	0.002436	3.61E-06	0.000343	0.027103
3542	492363.09	3849877.25	0.19867	0.47215	0.24711	0.21675	1.80E-02	0.002	4.6E-06	0.0005	0.02051	2.27E-02	0.002521	3.93E-06	0.000293	2.55E-02	0.0224	0.002168	3.21E-06	0.000311	0.024883
3543	492863.09	3849877.25	0.17912	0.41305	0.2298	0.21213	1.62E-02	0.00175	4.3E-06	0.00049	0.01848	2.05E-02	0.002205	3.65E-06	0.000287	2.30E-02	0.020196	0.001897	2.98E-06	0.000305	0.0224
3544	493363.09	3849877.25	0.15912	0.36569	0.20134	0.1891	1.44E-02	0.00155	3.8E-06	0.00044	0.01641	1.82E-02	0.001953	3.2E-06	0.000256	2.04E-02	0.017941	0.001679	2.61E-06	0.000272	0.019894
3545	493863.09	3849877.25	0.15261	0.33972	0.18326	0.18686	1.38E-02	0.00144	3.4E-06	0.00043	0.0157	1.75E-02	0.001814	2.91E-06	0.000253	1.95E-02	0.017207	0.00156	2.38E-06	0.000268	0.019038
3546	494363.09	3849877.25	0.16648	0.41552	0.21235	0.22362	1.51E-02	0.00176	4E-06	0.00052	0.01737	1.90E-02	0.002219	3.37E-06	0.000302	2.16E-02	0.018771	0.001908	2.76E-06	0.000321	0.021003
3547	494863.09	3849877.25	0.17887	0.44626	0.23244	0.23178	1.62E-02	0.00189	4.4E-06	0.00054	0.01864	2.05E-02	0.002383	3.69E-06	0.000313	2.32E-02	0.020168	0.002049	3.02E-06	0.000333	0.022553
3548	495363.09	3849877.25	0.16179	0.37631	0.20567	0.2146	1.47E-02	0.00159	3.9E-06	0.0005	0.01675	1.85E-02	0.002009	3.27E-06	0.00029	2.08E-02	0.018242	0.001728	2.67E-06	0.000308	0.020281
3549	495863.09	3849877.25	0.17425	0.4461	0.2254	0.22132	1.58E-02	0.00189	4.2E-06	0.00051	0.01819	1.99E-02	0.002382	3.58E-06	0.000299	2.26E-02	0.019647	0.002049	2.93E-06	0.000318	0.022016
3550	496363.09	3849877.25	0.1818	0.45039	0.24196	0.22894	1.65E-02	0.00191	4.5E-06	0.00053	0.01892	2.08E-02	0.002405	3.85E-06	0.00031	2.35E-02	0.020498	0.002068	3.14E-06	0.000329	0.022898
3551	496863.09	3849877.25	0.18871	0.46317	0.24902	0.23068	1.71E-02	0.00196	4.7E-06	0.00053	0.0196	2.16E-02	0.002473	3.96E-06	0.000312	2.44E-02	0.021277	0.002127	3.23E-06	0.000331	0.023739
3552	497363.09	3849877.25	0.23617	0.55994	0.29953	0.23734	2.14E-02	0.00237	5.6E-06	0.00055	0.02433	2.70E-02	0.00299	4.76E-06	0.000321	3.03E-02	0.026628	0.002571	3.89E-06	0.000341	0.029544
3553	497863.09	3849877.25	0.2481	0.59794	0.32244	0.24635	2.25E-02	0.00253	6E-06	0.00057	0.02559	2.84E-02	0.003193	5.12E-06	0.000333	3.19E-02	0.027973	0.002746	4.19E-06	0.000354	0.031077
3554	498363.09	3849877.25	0.23395	0.51889	0.29737	0.23691	2.12E-02	0.0022	5.6E-06	0.00055	0.02395	2.68E-02	0.002771	4.73E-06	0.00032	2.99E-02	0.026378	0.002383	3.86E-06	0.00034	0.029105
3555	471363.09	3850377.25	1.10463	1.26195	1.23616	0.80899	1.00E-01	0.00534	2.3E-05	0.00187	0.10734	1.26E-01	0.006738	1.96E-05	0.001094	1.34E-01	0.124547	0.005795	1.6E-05	0.001162	0.13152
3556	471863.09	3850377.25	1.38271	1.5791	1.39966	1.08299	1.25E-01	0.00668	2.6E-05	0.00251	0.13452	1.58E-01	0.008432	2.22E-05	0.001464	1.68E-01	0.1559	0.007252	1.82E-05	0.001555	0.164725
3557	472363.09	3850377.25	1.52162	1.67447	1.53225	1.25492	1.38E-01	0.00708	2.9E-05	0.00291	0.14791	1.74E-01	0.008941	2.44E-05	0.001697	1.85E-01	0.171562	0.00769	1.99E-05	0.001802	0.181074
3558	472863.09	3850377.25	1.58484	1.80271	1.70415	1.49202	1.44E-01	0.00763	3.2E-05	0.00346	0.15474	1.81E-01	0.009626	2.71E-05	0.002017	1.93E-01	0.17869	0.008279	2.21E-05	0.002143	0.189134
3559	473363.09	3850377.25	1.70428	2.01594	1.82663	1.72468	1.54E-01	0.00853	3.4E-05	0.00399	0.167	1.95E-01	0.010764	2.9E-05	0.002332	2.08E-01	0.192157	0.009258	2.37E-05	0.002477	0.203915
3560	473863.09	3850377.25	2.00127	2.2346	2.0658	2.08053	1.81E-01	0.00945	3.9E-05	0.00482	0.19567	2.29E-01	0.011932	3.28E-05	0.002813	2.44E-01	0.225643	0.010262	2.68E-05	0.002988	0.238919
3561	474363.09	3850377.25	2.18673	2.58809	2.34148	2.47177	1.98E-01	0.01095	4.4E-05	0.00573	0.21488	2.50E-01	0.013819	3.72E-05	0.003342	2.67E-01	0.246553	0.011885	3.04E-05	0.00355	0.262019
3562	474863.09	3850377.25	2.27548	2.92486	2.40301	2.35497	2.06E-01	0.01237	4.5E-05	0.00545	0.22408	2.60E-01	0.015617	3.82E-05	0.003184	2.79E-01	0.25656	0.013432	3.12E-05	0.003382	0.273405
3563	475363.09	3850377.25	2.43426	2.94047	2.59276	3.06784	2.21E-01	0.01244	4.9E-05	0.00711	0.24019	2.78E-01	0.015701	4.12E-05	0.004148	2.98E-01	0.274462	0.013504	3.37E-05	0.004406	0.292405
3564	475863.09	3850377.25	2.89009	3.36064	3.07742	2.95608	2.62E-01	0.01422	5.8E-05	0.00685	0.28303	3.31E-01	0.017944	4.89E-05	0.003997	3.53E-01	0.325857	0.015433	3.99E-05	0.004245	0.345575
3565	476363.09	3850377.25	2.82367	3.29143	2.69441	2.71255	2.56E-01	0.01392	5E-05	0.00628	0.27614	3.23E-01	0.017575	4.28E-05	0.003668	3.44E-01	0.318368	0.015115	3.5E-05	0.003895	0.337414
3566	476863.09	3850377.25	2.77824	3.26586	2.88368	2.66919	2.52E-01	0.01382	5.4E-05	0.00618	0.27182	3.18E-01	0.017438	4.58E-05	0.003609	3.39E-01	0.313246	0.014998	3.74E-05	0.003833	0.332114
3567	477363.09	3850377.25	2.67249	3.00302	2.62094	2.58408	2.42E-01	0.0127	4.9E-05	0.00599	0.26093	3.06E-01	0.016035	4.17E-05	0.003494	3.25E-01	0.301322	0.013791	3.4E-05	0.003711	0.318858
3568	477863.09	3850377.25	2.98658	3.51746	2.93317	3.14663	2.71E-01	0.01488	5.5E-05	0.00729	0.29287	3.42E-01	0.018782	4.66E-05	0.004255	3.65E-01	0.336736	0.016153	3.81E-05	0.004519	0.357446
3569	478363.09	3850377.25	2.92874	3.40182	3.17863	2.70486	2.65E-01	0.01439	6E-05	0.00626	0.28612	3.35E-01	0.018164	5.05E-05	0.003657	3.57E-01	0.330214	0.015622	4.13E-05	0.003884	0.349762
3570	478863.09	3850377.25	2.89605	3.35208	2.61934	2.31597	2.62E-01	0.01418	4.9E-05	0.00536	0.28204	3.31E-01	0.017899	4.16E-05	0.003131	3.52E-01	0.326529	0.015394	3.4E-05	0.003326	0.345282
3571	479363.09	3850377.25	4.06531	4.67121	2.99232	2.66776	3.68E-01	0.01976	5.6E-05	0.00618	0.3944	4.65E-01	0.024942	4.76E-05	0.003607	4.94E-01	0.458362	0.021452	3.88E-05	0.003831	0.483684
3572	479863.09	3850377.25	4.90845	6.1473	5.28252	4.02088	4.45E-01	0.02601	9.9E-05	0.00931	0.48023	5.61E-01	0.032824	8.4E-05	0.005437	6.00E-01	0.553426	0.028231	6.86E-05	0.005774	0.5875
3573	480363.09	3850377.25	4.75282	5.75479	5.24128	4.20077	4.31E-01	0.02435	9.8E-05	0.00973	0.46488	5.44E-01	0.030728	8.33E-05	0.00568	5.80E-01	0.535879	0.026428	6.8E-05	0.006033	0.568408
3574	480863.09	3850377.25	3.79364	5.064	4.07442	3.27683	3.44E-01	0.02142	7.6E-05	0.00759	0.37288	4.34E-01	0.027039	6.48E-05	0.004431	4.65E-01	0.427732	0.023256	5.29E-05	0.004706	0.455746
3575	481363.09	3850377.25	2.51651	3.30411	2.76759	1.62361	2.28E-01	0.01398	5.2E-05	0.00376	0.24584	2.88E-01	0.017642	4.4E-05	0.002195	3.08E-01	0.283736	0.015174	3.59E-05	0.002332	0.301277
3576	481863.09	3850377.25	2.53369	3.15595	3.12634	1.37123	2.30E-01	0.01335	5.9E-05	0.00318	0.24619	2.90E-01	0.016851	4.97E-05	0.001854	3.09E-01	0.285673	0.014493	4.06E-05	0.001969	0.302176
3577	482363.09	3850377.25	2.09309	2.33697	2.80894	1.1575	1.90E-01	0.00989	5.3E-05	0.00268	0.2023	2.39E-01	0.012478	4.46E-05	0.001565	2.53E-01	0.235995	0.010732	3.65E-05	0.001662	0.248426
3578	482863.09	3850377.25	1.00968	1.51461	1.33482	0.77805	9.15E-02	0.00641	2.5E-05	0.0018	0.09973	1.15E-01	0.008087	2.12E-05	0.001052	1.25E-01	0.113841	0.006956	1.73E-05	0.001117	0.121931
3579	483363.09	3850377.25	0.66736	1.01851	0.89684	0.59607	6.05E-02	0.00431	1.7E-05	0.00138	0.06618	7.63E-02	0.005438	1.43E-05	0.000806	8.26E-02	0.075245	0.004677	1.16E-05	0.000856	0.08079
3580	483863.09	3850377.25	0.65772	1.1168	0.90495	0.60111	5.96E-02	0.00472	1.7E-05	0.00139	0.06574	7.52E-02	0.005963	1.44E-05	0.000813	8.20E-02	0.074158	0.005129	1.17E-05	0.000863	0.080161
3581	484363.09	3850377.25	0.82901	1.47424	1.11303	0.63551	7.51E-02	0.00624	2.1E-05	0.00147	0.08286	9.48E-02	0.007872	1.77E-05	0.000859	1.04E-01	0.093471	0.00677	1.44E-05	0.000913	0.101168
3582	484863.09	3850377.25	1.0743	1.9117	1.43852	0.70277	9.74E-02	0.00809	2.7E-05	0.00163	0.1071	1.23E-01	0.010208	2.29E-05	0.00095	1.34E-01	0.121127	0.008779	1.87E-05	0.001009	0.130934
3583	485363.09	3850377.25	0.92891	1.65459	1.25652	0.64091	8.42E-02	0.007	2.4E-05	0.00148	0.09269	1.06E-01	0.008835	2E-05	0.000867	1.16E-01	0.104734	0.007598	1.63E-05	0.00092	0.113269
3584	485863.09	3850377.25	0.72079	1.57517	0.97147	0.53814	6.53E-02	0.00666	1.8E-05	0.00125	0.07325	8.24E-02	0.008411	1.54E-05	0.000728	9.16E-02	0.081269	0.007234	1.26E-05	0.000773	0.089288
3585	486363.09	3850377.25	0.65869	1.29559	0.90786	0.49041	5.97E-02	0.00548	1.7E-05	0.00114	0.06633	7.53E-02	0.006918	1.44E-05	0.000663	8.29E-02	0.074267	0.00595	1.18E-05	0.000704	0.080933
3586	486863.09	3850377.25	0.62062	1.25486	0.81332	0.46384	5.62E-02	0.00531	1.5E-05	0.00107	0.06264	7.10E-02	0.0067	1.29E-05	0.000627	7.83E-02	0.069975	0.005763	1.06E-05	0.000666	0.076414
3587	487363.09	3850377.25	0.50355	1.25501	0.67175	0.41136	4.56E-02	0.00531	1.3E-05	0.00095	0.05191	5.76E-02	0.006701	1.07E-05	0.000556	6.49E-02	0.056775	0.005763	8.72E-06	0.000591	0.063138
3588	487863.09	3850377.25	0.48409	1.21171	0.63602	0.38742	4.39E-02	0.00513	1.2E-05	0.0009	0.0499	5.54E-02	0.00647	1.01E-05	0.000524	6.24E-02	0.054581	0.005565	8.26E-06	0.000556	0.06071
3589	488363.09	3850377.25	0.46431	1.22804	0.61782	0.35748	4.21E-02	0.0052	1.2E-05	0.00083	0.04811	5.31E-02	0.006557	9.82E-06	0.000483	6.02E-02	0.052351	0.00564	8.02E-06	0.000513	0.058512
3590	488863.09	3850377.25	0.43145	1.09656	0.56601	0.34455	3.91E-02	0.00464	1.1E-05	0.0008	0.04455	4.93E-02	0.005855	9E-06	0.000466	5.57E-02	0.048646	0.005036	7.35E-06	0.000495	0.054184
3591	489363.09	3850377.25	0.39053	1.06705	0.51788	0.32379	3.54E-02	0.00451	9.7E-06	0.00075	0.04066	4.47E-02	0.005698	8.23E-06	0.000438	5.08E-02	0.044032	0.0049	6.72E-06	0.000465	0.049404
3592	489863.09	3850377.25	0.3461	0.92114	0.4586	0.31137	3.14E-02	0.0039	8.6E-06	0.00072	0.03599	3.96E-02	0.004918	7.29E-06	0.000421	4.49E-02	0.039023	0.00423	5.95E-06	0.000447	0.043706
3593	490363.09	3850377.25	0.30969	0.75522	0.41955	0.30403	2.81E-02	0.00319	7.9E-06	0.0007	0.03197	3.54E-02	0.004033	6.67E-06	0.000411	3.99E-02	0.034917	0.003468	5.45E-06	0.000437	0.038828
3594	490863.09	3850377.25	0.28974	0.7839	0.39298	0.27981	2.63E-02	0.00332	7.4E-06	0.00065	0.03023	3.31E-02	0.004186	6.25E-06	0.000378	3.77E-02	0.032668	0.0036	5.1E-06	0.000402	0.036675
3595	491363.09	3850377.25	0.2647	0.70552	0.35368	0.26789	2.40E-02	0.00298	6.6E-06	0.00062	0.0276	3.03E-02	0.003767	5.62E-06	0.000362	3.44E-02	0.029845	0.00324	4.59E-06	0.000385	0.033474

3596	491863.09	3850377.25	0.23855	0.61971	0.3073	0.24363	2.16E-02	0.00262	5.8E-06	0.00056	0.02481	2.73E-02	0.003309	4.88E-06	0.000329	3.09E-02	0.026896	0.002846	3.99E-06	0.00035	0.030096
3597	492363.09	3850377.25	0.20906	0.56148	0.27613	0.23473	1.89E-02	0.00238	5.2E-06	0.00054	0.02187	2.39E-02	0.002998	4.39E-06	0.000317	2.72E-02	0.023571	0.002579	3.58E-06	0.000337	0.026491
3598	492863.09	3850377.25	0.19644	0.49621	0.25349	0.23225	1.78E-02	0.0021	4.7E-06	0.00054	0.02044	2.25E-02	0.00265	4.03E-06	0.000314	2.54E-02	0.022149	0.002279	3.29E-06	0.000334	0.024764
3599	493363.09	3850377.25	0.186	0.44195	0.22388	0.22932	1.69E-02	0.00187	4.2E-06	0.00053	0.01926	2.13E-02	0.00236	3.56E-06	0.00031	2.39E-02	0.020971	0.00203	2.91E-06	0.000329	0.023333
3600	493863.09	3850377.25	0.17497	0.4618	0.2298	0.23393	1.59E-02	0.00195	4.3E-06	0.00054	0.01836	2.00E-02	0.002466	3.65E-06	0.000316	2.28E-02	0.019728	0.002121	2.98E-06	0.000336	0.022187
3601	494363.09	3850377.25	0.1843	0.49665	0.23878	0.24156	1.67E-02	0.0021	4.5E-06	0.00056	0.01937	2.11E-02	0.002652	3.79E-06	0.000327	2.41E-02	0.02078	0.002281	3.1E-06	0.000347	0.023411
3602	494863.09	3850377.25	0.2045	0.54178	0.264	0.23531	1.85E-02	0.00229	4.9E-06	0.00055	0.02137	2.34E-02	0.002893	4.2E-06	0.000318	2.66E-02	0.023057	0.002488	3.43E-06	0.000338	0.025887
3603	495363.09	3850377.25	0.22918	0.58964	0.30645	0.24818	2.08E-02	0.00249	5.7E-06	0.00057	0.02384	2.62E-02	0.003148	4.87E-06	0.000336	2.97E-02	0.02584	0.002708	3.98E-06	0.000356	0.028908
3604	495863.09	3850377.25	0.20929	0.53175	0.27779	0.24175	1.90E-02	0.00225	5.2E-06	0.00056	0.02178	2.39E-02	0.002839	4.41E-06	0.000327	2.71E-02	0.023597	0.002442	3.61E-06	0.000347	0.02639
3605	496363.09	3850377.25	0.24212	0.60242	0.31124	0.24414	2.19E-02	0.00255	5.8E-06	0.00057	0.02506	2.77E-02	0.003217	4.95E-06	0.00033	3.12E-02	0.027299	0.002767	4.04E-06	0.000351	0.03042
3606	496863.09	3850377.25	0.26636	0.64473	0.34452	0.25832	2.41E-02	0.00273	6.4E-06	0.0006	0.02747	3.05E-02	0.003443	5.48E-06	0.000349	3.43E-02	0.030032	0.002961	4.47E-06	0.000371	0.033368
3607	497363.09	3850377.25	0.28038	0.6489	0.35704	0.26215	2.54E-02	0.00275	6.7E-06	0.00061	0.02877	3.21E-02	0.003465	5.67E-06	0.000354	3.59E-02	0.031613	0.00298	4.63E-06	0.000376	0.034974
3608	497863.09	3850377.25	0.2626	0.63409	0.34037	0.27144	2.38E-02	0.00268	6.4E-06	0.00063	0.02711	3.00E-02	0.003386	5.41E-06	0.000367	3.38E-02	0.029608	0.002912	4.42E-06	0.00039	0.032914
3609	498363.09	3850377.25	0.2583	0.63495	0.33918	0.27705	2.34E-02	0.00269	6.3E-06	0.00064	0.02674	2.95E-02	0.00339	5.39E-06	0.000375	3.33E-02	0.029123	0.002916	4.4E-06	0.000398	0.032441
3610	471363.09	3850877.25	1.34602	1.52838	1.69666	1.06027	1.22E-01	0.00647	3.2E-05	0.00246	0.13093	1.54E-01	0.008161	2.7E-05	0.001434	1.64E-01	0.151763	0.007019	2.2E-05	0.001523	0.160327
3611	471863.09	3850877.25	1.52547	1.73247	1.86196	1.14368	1.38E-01	0.00733	3.5E-05	0.00265	0.14825	1.74E-01	0.009251	2.96E-05	0.001546	1.85E-01	0.171996	0.007956	2.42E-05	0.001642	0.181619
3612	472363.09	3850877.25	1.79377	1.85839	1.79796	1.39949	1.63E-01	0.00786	3.4E-05	0.00324	0.17369	2.05E-01	0.009923	2.86E-05	0.001892	2.17E-01	0.202247	0.008534	2.33E-05	0.00201	0.212814
3613	472863.09	3850877.25	1.82548	2.06372	1.87663	1.52973	1.65E-01	0.00873	3.5E-05	0.00354	0.17774	2.09E-01	0.011019	2.98E-05	0.002068	2.22E-01	0.205822	0.009477	2.44E-05	0.002197	0.217521
3614	473363.09	3850877.25	1.71498	2.06982	1.83424	1.4826	1.55E-01	0.00876	3.4E-05	0.00343	0.16764	1.96E-01	0.011052	2.92E-05	0.002005	2.09E-01	0.193363	0.009505	2.38E-05	0.002129	0.205022
3615	473863.09	3850877.25	1.77616	2.04341	1.96107	1.62155	1.61E-01	0.00864	3.7E-05	0.00376	0.1734	2.03E-01	0.010911	3.12E-05	0.002193	2.16E-01	0.200261	0.009384	2.55E-05	0.002329	0.212
3616	474363.09	3850877.25	1.89574	2.26808	1.97681	2.03172	1.72E-01	0.0096	3.7E-05	0.00471	0.18613	2.17E-01	0.01211	3.14E-05	0.002747	2.32E-01	0.213744	0.010416	2.57E-05	0.002918	0.227103
3617	474863.09	3850877.25	2.13253	2.51096	2.3219	2.44488	1.93E-01	0.01062	4.3E-05	0.00566	0.20958	2.44E-01	0.013407	3.69E-05	0.003306	2.61E-01	0.240442	0.011531	3.01E-05	0.003511	0.255514
3618	475363.09	3850877.25	2.44165	2.95538	2.69723	2.81928	2.21E-01	0.0125	5E-05	0.00653	0.24035	2.79E-01	0.01578	4.29E-05	0.003812	2.99E-01	0.275295	0.013572	3.5E-05	0.004049	0.292951
3619	475863.09	3850877.25	2.5981	3.28213	2.6877	2.68341	2.35E-01	0.01389	5E-05	0.00622	0.2556	2.97E-01	0.017525	4.27E-05	0.003628	3.18E-01	0.292935	0.015073	3.49E-05	0.003854	0.311896
3620	476363.09	3850877.25	2.90835	3.31557	3.08171	3.54367	2.64E-01	0.01403	5.8E-05	0.00821	0.28585	3.33E-01	0.017704	4.9E-05	0.004791	3.55E-01	0.327915	0.015226	4E-05	0.005089	0.348271
3621	476863.09	3850877.25	3.26032	3.88461	3.38619	3.42975	2.95E-01	0.01643	6.3E-05	0.00794	0.3199	3.73E-01	0.020742	5.38E-05	0.004637	3.98E-01	0.3676	0.01784	4.4E-05	0.004925	0.390409
3622	477363.09	3850877.25	3.34239	3.84675	3.15339	3.06255	3.03E-01	0.01627	5.9E-05	0.00709	0.32632	3.82E-01	0.02054	5.01E-05	0.004141	4.07E-01	0.376853	0.017666	4.09E-05	0.004398	0.398958
3623	477863.09	3850877.25	3.1587	3.65814	3.16004	3.13788	2.86E-01	0.01548	5.9E-05	0.00727	0.30905	3.61E-01	0.019533	5.02E-05	0.004243	3.85E-01	0.356142	0.0168	4.1E-05	0.004506	0.377489
3624	478363.09	3850877.25	3.35515	3.84577	3.28548	3.19346	3.04E-01	0.01627	6.2E-05	0.0074	0.32778	3.84E-01	0.020535	5.22E-05	0.004318	4.09E-01	0.378292	0.017661	4.26E-05	0.004586	0.400582
3625	478863.09	3850877.25	3.45743	4.14364	3.52645	3.99777	3.13E-01	0.01753	6.6E-05	0.00926	0.34017	3.95E-01	0.022125	5.6E-05	0.005405	4.23E-01	0.389824	0.019029	4.58E-05	0.005741	0.41464
3626	479363.09	3850877.25	3.24131	3.76725	3.32014	2.94525	2.94E-01	0.01594	6.2E-05	0.00682	0.31656	3.71E-01	0.020115	5.28E-05	0.003982	3.95E-01	0.365457	0.017301	4.31E-05	0.00423	0.38703
3627	479863.09	3850877.25	4.45975	5.17273	3.66167	2.80578	4.04E-01	0.02188	6.9E-05	0.0065	0.4326	5.10E-01	0.02762	5.82E-05	0.003794	5.42E-01	0.502835	0.023755	4.75E-05	0.004029	0.530667
3628	480363.09	3850877.25	5.33032	6.9181	5.61839	5.55352	4.83E-01	0.02927	0.00011	0.01286	0.52528	6.10E-01	0.036939	8.93E-05	0.007509	6.54E-01	0.600992	0.03177	7.29E-05	0.007975	0.64081
3629	480863.09	3850877.25	5.27968	6.61269	5.97337	5.90352	4.78E-01	0.02798	0.00011	0.01367	0.52022	6.04E-01	0.035309	9.49E-05	0.007982	6.47E-01	0.595282	0.030368	7.75E-05	0.008478	0.634205
3630	481363.09	3850877.25	4.64293	6.21684	4.69347	4.0811	4.21E-01	0.0263	8.8E-05	0.00945	0.45659	5.31E-01	0.033195	7.46E-05	0.005518	5.70E-01	0.523489	0.02855	6.09E-05	0.005861	0.55796
3631	481863.09	3850877.25	3.88528	4.78828	3.83627	2.66974	3.52E-01	0.02026	7.2E-05	0.00618	0.3786	4.44E-01	0.025567	6.1E-05	0.00361	4.74E-01	0.438064	0.02199	4.98E-05	0.003834	0.463937
3632	482363.09	3850877.25	3.1184	3.59404	3.76713	1.78113	2.83E-01	0.0152	7.1E-05	0.00413	0.302	3.57E-01	0.01919	5.99E-05	0.002408	3.78E-01	0.351599	0.016505	4.89E-05	0.002558	0.37071
3633	482863.09	3850877.25	2.27349	2.59739	2.89598	1.21463	2.06E-01	0.01099	5.4E-05	0.00281	0.21988	2.60E-01	0.013869	4.6E-05	0.001642	2.76E-01	0.256335	0.011928	3.76E-05	0.001744	0.270045
3634	483363.09	3850877.25	1.26551	1.80676	1.73494	0.91848	1.15E-01	0.00764	3.2E-05	0.00213	0.12449	1.45E-01	0.009647	2.76E-05	0.001242	1.56E-01	0.142686	0.008297	2.25E-05	0.001319	0.152325
3635	483863.09	3850877.25	1.06978	1.81785	1.40036	0.83796	9.69E-02	0.00769	2.6E-05	0.00194	0.1066	1.22E-01	0.009706	2.23E-05	0.001133	1.33E-01	0.120617	0.008348	1.82E-05	0.001203	0.130187
3636	484363.09	3850877.25	1.31798	2.01881	1.76308	0.84783	1.19E-01	0.00854	3.3E-05	0.00196	0.12998	1.51E-01	0.010779	2.8E-05	0.001146	1.63E-01	0.148602	0.009271	2.29E-05	0.001218	0.159113
3637	484863.09	3850877.25	1.20804	1.89833	1.64446	0.77508	1.09E-01	0.00803	3.1E-05	0.0018	0.11933	1.38E-01	0.010136	2.61E-05	0.001048	1.49E-01	0.136206	0.008718	2.13E-05	0.001113	0.146058
3638	485363.09	3850877.25	1.24293	2.56934	1.53939	0.73735	1.13E-01	0.01087	2.9E-05	0.00171	0.12524	1.42E-01	0.013719	2.45E-05	0.000997	1.57E-01	0.14014	0.011799	2E-05	0.001059	0.153018
3639	485863.09	3850877.25	0.84661	1.74581	1.14207	0.58908	7.67E-02	0.00739	2.1E-05	0.00136	0.08549	9.68E-02	0.009322	1.82E-05	0.000797	1.07E-01	0.095455	0.008017	1.48E-05	0.000846	0.104333
3640	486363.09	3850877.25	0.85635	1.88746	1.16025	0.55687	7.76E-02	0.00798	2.2E-05	0.00129	0.0869	9.79E-02	0.010078	1.84E-05	0.000753	1.09E-01	0.096553	0.008668	1.51E-05	0.0008	0.106036
3641	486863.09	3850877.25	0.75718	1.63048	1.03522	0.51778	6.86E-02	0.0069	1.9E-05	0.0012	0.07673	8.66E-02	0.008706	1.65E-05	0.0007	9.60E-02	0.085372	0.007488	1.34E-05	0.000744	0.093617
3642	487363.09	3850877.25	0.62767	1.71392	0.80547	0.46058	5.69E-02	0.00725	1.5E-05	0.00107	0.06521	7.18E-02	0.009152	1.28E-05	0.000623	8.16E-02	0.07077	0.007871	1.05E-05	0.000661	0.079312
3643	487863.09	3850877.25	0.58747	1.77087	0.76857	0.42952	5.32E-02	0.00749	1.4E-05	0.00099	0.06174	6.72E-02	0.009456	1.22E-05	0.000581	7.72E-02	0.066237	0.008132	9.98E-06	0.000617	0.074996
3644	488363.09	3850877.25	0.55155	1.38091	0.72923	0.40175	5.00E-02	0.00584	1.4E-05	0.00093	0.05677	6.31E-02	0.007373	1.16E-05	0.000543	7.10E-02	0.062187	0.006342	9.47E-06	0.000577	0.069115
3645	488863.09	3850877.25	0.49394	1.34977	0.64458	0.38021	4.48E-02	0.00571	1.2E-05	0.00088	0.05136	5.65E-02	0.007207	1.02E-05	0.000514	6.42E-02	0.055692	0.006199	8.37E-06	0.000546	0.062445
3646	489363.09	3850877.25	0.45723	1.27073	0.59606	0.364	4.14E-02	0.00538	1.1E-05	0.00084	0.04767	5.23E-02	0.006785	9.47E-06	0.000492	5.96E-02	0.051553	0.005836	7.74E-06	0.000523	0.057919
3647	489863.09	3850877.25	0.4052	1.07357	0.5454	0.35132	3.67E-02	0.00454	1E-05	0.00081	0.04209	4.63E-02	0.005732	8.67E-06	0.000475	5.26E-02	0.045686	0.00493	7.08E-06	0.000505	0.051128
3648	490363.09	3850877.25	0.37905	0.98057	0.4979	0.33299	3.44E-02	0.00415	9.3E-06	0.00077	0.03928	4.34E-02	0.005236	7.91E-06	0.00045	4.90E-02	0.042738	0.004503	6.46E-06	0.000478	0.047726
3649	490863.09	3850877.25	0.34408	0.94448	0.45242	0.31427	3.12E-02	0.004	8.5E-06	0.00073	0.03591	3.94E-02	0.005043	7.19E-06	0.000425	4.48E-02	0.038795	0.004337	5.87E-06	0.000451	0.043589
3650	491363.09	3850877.25	0.30445	0.92144	0.39885	0.29206	2.76E-02	0.0039	7.5E-06	0.00068	0.03217	3.48E-02	0.00492	6.34E-06	0.000395	4.01E-02	0.034327	0.004232	5.18E-06	0.000419	0.038983
3651	491863.09	3850877.25	0.28135	0.76418	0.36123	0.26642	2.55E-02	0.00323	6.8E-06	0.00062	0.02935	3.22E-02	0.00408	5.74E-06	0.00036	3.66E-02	0.031722	0.003509	4.69E-06	0.000383	0.035619
3652	492363.09	3850877.25	0.2467	0.71573	0.33309	0.26986	2.24E-02	0.00303	6.2E-06	0.00063	0.02602	2.82E-02	0.003822	5.29E-06	0.000365	3.24E-02	0.027815	0.003287	4.32E-06	0.000388	0.031494
3653	492863.09	3850877.25	0.22653	0.65029	0.29108	0.26202	2.05E-02	0.00275	5.4E-06	0.00061	0.02389	2.59E-02	0.003472	4.63E-06	0.000354	2.97E-02	0.025541	0.002986	3.78E-06	0.000376	0.028908
3654	493363.09	3850877.25	0.21442	0.61917	0.27558	0.25488	1.94E-02	0.00262	5.2E-06	0.00059	0.02265	2.45E-02	0.003306	4.38E-06	0.000345	2.82E-02	0.024176	0.002843	3.58E-06	0.000366	0.027389
3655	493863.09	3850877.25	0.2291	0.62857	0.29875	0.26448	2.08E-02	0.00266	5.6E-06	0.00061	0.02404	2.62E-02	0.003356	4.75E-06	0.000358	2.99E-02	0.025831	0.002887	3.88E-06	0.00038	0.029101
3656	494363.09	3850877.25	0.22933	0.62416	0.30642	0.25364	2.08E-02	0.00264	5.7E-06	0.00059	0.02402	2.62E-02	0.003333	4.87E-06	0.000343	2.99E-02	0.025857	0.002866	3.98E-06	0.000364	0.029091

3657	494863.09	3850877.25	0.25942	0.66852	0.3333	0.25737	2.35E-02	0.00283	6.2E-06	0.0006	0.02694	2.97E-02	0.00357	5.3E-06	0.000348	3.36E-02	0.02925	0.00307	4.33E-06	0.00037	0.032694
3658	495363.09	3850877.25	0.27907	0.71992	0.36637	0.26927	2.53E-02	0.00305	6.9E-06	0.00062	0.02897	3.19E-02	0.003844	5.82E-06	0.000364	3.61E-02	0.031465	0.003306	4.76E-06	0.000387	0.035163
3659	495863.09	3850877.25	0.28274	0.70103	0.35818	0.2657	2.56E-02	0.00297	6.7E-06	0.00062	0.02921	3.23E-02	0.003743	5.69E-06	0.000359	3.64E-02	0.031879	0.003219	4.65E-06	0.000382	0.035484
3660	496363.09	3850877.25	0.2919	0.71097	0.36583	0.2785	2.65E-02	0.00301	6.8E-06	0.00065	0.03011	3.34E-02	0.003796	5.81E-06	0.000377	3.76E-02	0.032912	0.003265	4.75E-06	0.0004	0.036581
3661	496863.09	3850877.25	0.31582	0.82819	0.41103	0.29863	2.86E-02	0.0035	7.7E-06	0.00069	0.03282	3.61E-02	0.004422	6.53E-06	0.000404	4.10E-02	0.035609	0.003803	5.34E-06	0.000429	0.039846
3662	497363.09	3850877.25	0.31401	0.79185	0.40486	0.30947	2.85E-02	0.00335	7.6E-06	0.00072	0.03253	3.59E-02	0.004228	6.43E-06	0.000418	4.06E-02	0.035405	0.003636	5.26E-06	0.000444	0.039491
3663	497863.09	3850877.25	0.29815	0.70327	0.38793	0.29618	2.70E-02	0.00298	7.3E-06	0.00069	0.03069	3.41E-02	0.003755	6.17E-06	0.0004	3.83E-02	0.033616	0.00323	5.04E-06	0.000425	0.037276
3664	498363.09	3850877.25	0.29041	0.67875	0.37199	0.27727	2.63E-02	0.00287	7E-06	0.00064	0.02984	3.32E-02	0.003624	5.91E-06	0.000375	3.72E-02	0.032744	0.003117	4.83E-06	0.000398	0.036264
3665	471363.09	3851377.25	1.33973	1.37329	1.72334	1.09789	1.21E-01	0.00581	3.2E-05	0.00254	0.12979	1.53E-01	0.007333	2.74E-05	0.001484	1.62E-01	0.151054	0.006307	2.24E-05	0.001577	0.15896
3666	471863.09	3851377.25	1.67081	1.75864	2.01073	1.44119	1.51E-01	0.00744	3.8E-05	0.00334	0.16223	1.91E-01	0.00939	3.2E-05	0.001949	2.02E-01	0.188383	0.008076	2.61E-05	0.00207	0.198555
3667	472363.09	3851377.25	1.70064	1.96096	2.16274	1.47417	1.54E-01	0.0083	4E-05	0.00341	0.16587	1.95E-01	0.010471	3.44E-05	0.001993	2.07E-01	0.191747	0.009005	2.81E-05	0.002117	0.202897
3668	472863.09	3851377.25	1.76861	2.10996	2.1986	1.48459	1.60E-01	0.00893	4.1E-05	0.00344	0.17268	2.02E-01	0.011266	3.49E-05	0.002007	2.16E-01	0.19941	0.00969	2.85E-05	0.002132	0.21126
3669	473363.09	3851377.25	1.74482	2.02371	2.14405	1.23672	1.58E-01	0.00856	4E-05	0.00286	0.16959	2.00E-01	0.010806	3.41E-05	0.001672	2.12E-01	0.196728	0.009294	2.78E-05	0.001776	0.207825
3670	473863.09	3851377.25	1.94098	2.11658	2.0831	1.37336	1.76E-01	0.00895	3.9E-05	0.00318	0.18807	2.22E-01	0.011302	3.31E-05	0.001857	2.35E-01	0.218845	0.00972	2.7E-05	0.001972	0.230564
3671	474363.09	3851377.25	2.03446	2.42775	2.16165	1.62544	1.84E-01	0.01027	4E-05	0.00376	0.19844	2.33E-01	0.012963	3.44E-05	0.002198	2.48E-01	0.229385	0.011149	2.81E-05	0.002334	0.242896
3672	474863.09	3851377.25	2.05738	2.46191	2.15685	2.01514	1.86E-01	0.01042	4E-05	0.00467	0.20157	2.35E-01	0.013145	3.43E-05	0.002725	2.51E-01	0.231969	0.011306	2.8E-05	0.002894	0.246197
3673	475363.09	3851377.25	2.13083	2.6252	2.30707	2.38664	1.93E-01	0.01111	4.3E-05	0.00553	0.20978	2.44E-01	0.014017	3.67E-05	0.003227	2.61E-01	0.24025	0.012056	2.99E-05	0.003427	0.255764
3674	475863.09	3851377.25	2.46854	2.85371	2.66653	2.81928	2.24E-01	0.01207	5E-05	0.00653	0.24236	2.82E-01	0.015237	4.24E-05	0.003812	3.01E-01	0.278327	0.013105	3.46E-05	0.004049	0.295516
3675	476363.09	3851377.25	2.8468	3.41189	3.11302	3.25089	2.58E-01	0.01443	5.8E-05	0.00753	0.28	3.26E-01	0.018218	4.95E-05	0.004396	3.48E-01	0.320976	0.015669	4.04E-05	0.004668	0.341353
3676	476863.09	3851377.25	3.31624	3.95739	3.28512	3.16696	3.01E-01	0.01674	6.1E-05	0.00734	0.32466	3.79E-01	0.021131	5.22E-05	0.004282	4.05E-01	0.373905	0.018174	4.26E-05	0.004548	0.396669
3677	477363.09	3851377.25	3.50829	3.98713	3.79568	4.16898	3.18E-01	0.01687	7.1E-05	0.00966	0.34452	4.01E-01	0.021289	6.03E-05	0.005637	4.28E-01	0.395558	0.01831	4.93E-05	0.005987	0.419905
3678	477863.09	3851377.25	3.77166	4.45008	3.91249	3.67028	3.42E-01	0.01883	7.3E-05	0.0085	0.3692	4.31E-01	0.023761	6.22E-05	0.004963	4.60E-01	0.425253	0.020436	5.08E-05	0.005271	0.451011
3679	478363.09	3851377.25	3.96414	4.85821	3.92394	3.78206	3.59E-01	0.02055	7.3E-05	0.00876	0.38862	4.53E-01	0.025941	6.24E-05	0.005114	4.85E-01	0.446955	0.022311	5.09E-05	0.005431	0.474748
3680	478863.09	3851377.25	3.6705	4.12724	3.60481	3.71366	3.33E-01	0.01746	6.7E-05	0.0086	0.35876	4.20E-01	0.022037	5.73E-05	0.005021	4.47E-01	0.413848	0.018954	4.68E-05	0.005333	0.438181
3681	479363.09	3851377.25	4.09177	4.98392	3.90679	4.00074	3.71E-01	0.02108	7.3E-05	0.00927	0.40123	4.68E-01	0.026612	6.21E-05	0.005409	5.00E-01	0.461346	0.022888	5.07E-05	0.005745	0.49003
3682	479863.09	3851377.25	4.20663	4.79441	3.92065	3.4959	3.81E-01	0.02028	7.3E-05	0.0081	0.40967	4.81E-01	0.0256	6.23E-05	0.004727	5.12E-01	0.474296	0.022018	5.09E-05	0.00502	0.501385
3683	480363.09	3851377.25	4.71929	5.70065	4.13511	3.83806	4.28E-01	0.02412	7.7E-05	0.00889	0.46076	5.40E-01	0.030439	6.57E-05	0.005189	5.75E-01	0.532098	0.02618	5.37E-05	0.005512	0.563843
3684	480863.09	3851377.25	5.93324	7.85357	6.43393	6.70699	5.38E-01	0.03322	0.00012	0.01553	0.58656	6.79E-01	0.041934	0.000102	0.009069	7.30E-01	0.668971	0.036067	8.35E-05	0.009632	0.714752
3685	481363.09	3851377.25	6.02397	6.77121	6.86787	7.0796	5.46E-01	0.02865	0.00013	0.0164	0.59108	6.89E-01	0.036155	0.000109	0.009572	7.35E-01	0.679201	0.031096	8.91E-05	0.010167	0.720552
3686	481863.09	3851377.25	5.40737	6.99538	5.93466	4.32348	4.90E-01	0.02959	0.00011	0.01001	0.52975	6.18E-01	0.037352	9.43E-05	0.005846	6.62E-01	0.609679	0.032125	7.7E-05	0.006209	0.64809
3687	482363.09	3851377.25	4.44858	6.20984	5.05916	2.95864	4.03E-01	0.02627	9.5E-05	0.00685	0.43636	5.09E-01	0.033158	8.04E-05	0.004	5.46E-01	0.501576	0.028518	6.57E-05	0.004249	0.534408
3688	482863.09	3851377.25	3.65835	4.60232	4.76437	2.05734	3.32E-01	0.01947	8.9E-05	0.00477	0.35585	4.18E-01	0.024574	7.57E-05	0.002782	4.46E-01	0.412478	0.021136	6.18E-05	0.002954	0.43663
3689	483363.09	3851377.25	2.28869	2.97121	3.08131	1.29081	2.07E-01	0.01257	5.8E-05	0.00299	0.22302	2.62E-01	0.015865	4.9E-05	0.001745	2.79E-01	0.258049	0.013645	4E-05	0.001854	0.273588
3690	483863.09	3851377.25	1.50023	2.78548	2.00969	1.03385	1.36E-01	0.01178	3.8E-05	0.00239	0.15017	1.72E-01	0.014873	3.19E-05	0.001398	1.88E-01	0.16915	0.012792	2.61E-05	0.001485	0.183453
3691	484363.09	3851377.25	2.08054	3.585	2.77732	1.20245	1.89E-01	0.01517	5.2E-05	0.00279	0.20655	2.38E-01	0.019142	4.41E-05	0.001626	2.59E-01	0.23458	0.016464	3.61E-05	0.001727	0.252807
3692	484863.09	3851377.25	1.13575	1.81703	1.46005	0.76915	1.03E-01	0.00769	2.7E-05	0.00178	0.11242	1.30E-01	0.009702	2.32E-05	0.00104	1.41E-01	0.128055	0.008344	1.9E-05	0.001105	0.137523
3693	485363.09	3851377.25	1.61198	3.46754	2.12495	0.85941	1.46E-01	0.01467	4E-05	0.00199	0.16278	1.84E-01	0.018515	3.38E-05	0.001162	2.04E-01	0.18175	0.015924	2.76E-05	0.001234	0.198936
3694	485863.09	3851377.25	1.0894	2.1339	1.48184	0.67178	9.87E-02	0.00903	2.8E-05	0.00156	0.10933	1.25E-01	0.011394	2.36E-05	0.000908	1.37E-01	0.122829	0.0098	1.92E-05	0.000965	0.133613
3695	486363.09	3851377.25	1.16039	2.56156	1.47924	0.657	1.05E-01	0.01084	2.8E-05	0.00152	0.11754	1.33E-01	0.013678	2.35E-05	0.000888	1.47E-01	0.130834	0.011764	1.92E-05	0.000943	0.14356
3696	486863.09	3851377.25	0.95702	2.62707	1.22137	0.57818	8.67E-02	0.01111	2.3E-05	0.00134	0.0992	1.09E-01	0.014027	1.94E-05	0.000782	1.24E-01	0.107904	0.012064	1.59E-05	0.00083	0.120814
3697	487363.09	3851377.25	0.63082	2.05655	0.84059	0.47658	5.72E-02	0.0087	1.6E-05	0.0011	0.06699	7.22E-02	0.010981	1.34E-05	0.000644	8.38E-02	0.071125	0.009444	1.09E-05	0.000684	0.081264
3698	487863.09	3851377.25	0.68987	1.88416	0.93962	0.46485	6.25E-02	0.00797	1.8E-05	0.00108	0.07158	7.89E-02	0.010061	1.49E-05	0.000629	8.96E-02	0.077783	0.008653	1.22E-05	0.000668	0.087115
3699	488363.09	3851377.25	0.66026	1.79238	0.85909	0.44223	5.98E-02	0.00758	1.6E-05	0.00102	0.06846	7.55E-02	0.00957	1.37E-05	0.000598	8.57E-02	0.074444	0.008231	1.12E-05	0.000635	0.083322
3700	488863.09	3851377.25	0.57957	1.68872	0.76641	0.4176	5.25E-02	0.00714	1.4E-05	0.00097	0.06065	6.63E-02	0.009017	1.22E-05	0.000565	7.59E-02	0.065346	0.007755	9.95E-06	0.0006	0.073711
3701	489363.09	3851377.25	0.53223	1.51784	0.69282	0.39752	4.82E-02	0.00642	1.3E-05	0.00092	0.05559	6.09E-02	0.008105	1.1E-05	0.000537	6.95E-02	0.060009	0.00697	8.99E-06	0.000571	0.067559
3702	489863.09	3851377.25	0.47636	1.29863	0.62516	0.37955	4.32E-02	0.00549	1.2E-05	0.00088	0.04955	5.45E-02	0.006934	9.94E-06	0.000513	6.19E-02	0.053709	0.005964	8.11E-06	0.000545	0.060226
3703	490363.09	3851377.25	0.4471	1.37732	0.56958	0.35529	4.05E-02	0.00583	1.1E-05	0.00082	0.04718	5.11E-02	0.007354	9.05E-06	0.00048	5.90E-02	0.05041	0.006325	7.39E-06	0.00051	0.057253
3704	490863.09	3851377.25	0.40162	1.16738	0.51659	0.33561	3.64E-02	0.00494	9.7E-06	0.00078	0.04212	4.59E-02	0.006233	8.21E-06	0.000454	5.26E-02	0.045283	0.005361	6.71E-06	0.000482	0.051132
3705	491363.09	3851377.25	0.35223	1.06944	0.45386	0.31061	3.19E-02	0.00452	8.5E-06	0.00072	0.03717	4.03E-02	0.00571	7.21E-06	0.00042	4.64E-02	0.039714	0.004911	5.89E-06	0.000446	0.045077
3706	491863.09	3851377.25	0.31579	0.9586	0.41134	0.2995	2.86E-02	0.00406	7.7E-06	0.00069	0.03337	3.61E-02	0.005118	6.54E-06	0.000405	4.16E-02	0.035605	0.004402	5.34E-06	0.00043	0.040443
3707	492363.09	3851377.25	0.30066	0.90839	0.37847	0.28824	2.72E-02	0.00384	7.1E-06	0.00067	0.03176	3.44E-02	0.00485	6.02E-06	0.00039	3.96E-02	0.033899	0.004172	4.91E-06	0.000414	0.03849
3708	492863.09	3851377.25	0.26674	0.75954	0.34211	0.28464	2.42E-02	0.00321	6.4E-06	0.00066	0.02805	3.05E-02	0.004056	5.44E-06	0.000385	3.50E-02	0.030075	0.003488	4.44E-06	0.000409	0.033976
3709	493363.09	3851377.25	0.23559	0.62184	0.29092	0.27709	2.13E-02	0.00263	5.4E-06	0.00064	0.02463	2.69E-02	0.00332	4.62E-06	0.000375	3.06E-02	0.026563	0.002856	3.78E-06	0.000398	0.02982
3710	493863.09	3851377.25	0.25031	0.63684	0.3074	0.26165	2.27E-02	0.00269	5.8E-06	0.00061	0.02599	2.86E-02	0.0034	4.89E-06	0.000354	3.24E-02	0.028222	0.002925	3.99E-06	0.000376	0.031527
3711	494363.09	3851377.25	0.28969	0.75602	0.37543	0.27103	2.63E-02	0.0032	7E-06	0.00063	0.03009	3.31E-02	0.004037	5.97E-06	0.000366	3.75E-02	0.032662	0.003472	4.87E-06	0.000389	0.036528
3712	494863.09	3851377.25	0.29573	0.73725	0.37604	0.27564	2.68E-02	0.00312	7E-06	0.00064	0.03056	3.38E-02	0.003937	5.98E-06	0.000373	3.81E-02	0.033343	0.003386	4.88E-06	0.000396	0.03713
3713	495363.09	3851377.25	0.35429	0.98671	0.44512	0.31623	3.21E-02	0.00417	8.3E-06	0.00073	0.03702	4.05E-02	0.005269	7.07E-06	0.000428	4.62E-02	0.039946	0.004531	5.78E-06	0.000454	0.044937
3714	495863.09	3851377.25	0.3687	0.97709	0.4793	0.33375	3.34E-02	0.00413	9E-06	0.00077	0.03833	4.22E-02	0.005217	7.62E-06	0.000451	4.78E-02	0.041571	0.004487	6.22E-06	0.000479	0.046543
3715	496363.09	3851377.25	0.38159	0.95148	0.48882	0.33514	3.46E-02	0.00403	9.2E-06	0.00078	0.03939	4.36E-02	0.00508	7.77E-06	0.000453	4.92E-02	0.043024	0.00437	6.35E-06	0.000481	0.047881
3716	496863.09	3851377.25	0.36751	0.904	0.48027	0.34808	3.33E-02	0.00382	9E-06	0.00081	0.03794	4.20E-02	0.004827	7.63E-06	0.000471	4.73E-02	0.041437	0.004152	6.23E-06	0.0005	0.046094
3717	497363.09	3851377.25	0.3594	0.89236	0.46759	0.31477	3.26E-02	0.00378	8.8E-06	0.00073	0.03708	4.11E-02	0.004765	7.43E-06	0.000426	4.63E-02	0.040522	0.004098	6.07E-06	0.000452	0.045078

3718	497863.09	3851377.25	0.34326	0.86798	0.44674	0.3197		3.11E-02	0.00367	8.4E-06	0.00074	0.03553		3.93E-02	0.004635	7.1E-06	0.000432	4.43E-02		0.038702	0.003986	5.8E-06	0.000459	0.043153
3719	498363.09	3851377.25	0.30813	0.70386	0.40262	0.31864		2.79E-02	0.00298	7.5E-06	0.00074	0.03165		3.52E-02	0.003758	6.4E-06	0.000431	3.94E-02		0.034742	0.003232	5.23E-06	0.000458	0.038437
3720	471363.09	3851877.25	1.50183	1.82405	1.76822	1.10747		1.36E-01	0.00772	3.3E-05	0.00257	0.14641		1.72E-01	0.00974	2.81E-05	0.001497	1.83E-01		0.169331	0.008377	2.3E-05	0.00159	0.179321
3721	471863.09	3851877.25	1.42955	1.76834	1.70401	1.05543		1.30E-01	0.00748	3.2E-05	0.00244	0.13951		1.64E-01	0.009442	2.71E-05	0.001427	1.74E-01		0.161181	0.008121	2.21E-05	0.001516	0.17084
3722	472363.09	3851877.25	1.59834	1.85669	1.99414	1.2757		1.45E-01	0.00785	3.7E-05	0.00295	0.15569		1.83E-01	0.009914	3.17E-05	0.001725	1.94E-01		0.180212	0.008527	2.59E-05	0.001832	0.190597
3723	472863.09	3851877.25	1.72747	1.93582	2.17189	1.48542		1.57E-01	0.00819	4.1E-05	0.00344	0.16822		1.98E-01	0.010336	3.45E-05	0.002008	2.10E-01		0.194772	0.00889	2.82E-05	0.002133	0.205823
3724	473363.09	3851877.25	1.73345	1.75176	2.13577	1.35842		1.57E-01	0.00741	4E-05	0.00315	0.16769		1.98E-01	0.009354	3.39E-05	0.001837	2.09E-01		0.195446	0.008045	2.77E-05	0.001951	0.205469
3725	473863.09	3851877.25	1.76523	2.12568	2.27442	1.3648		1.60E-01	0.00899	4.3E-05	0.00316	0.17217		2.02E-01	0.01135	3.61E-05	0.001845	2.15E-01		0.199029	0.009762	2.95E-05	0.00196	0.21078
3726	474363.09	3851877.25	2.05882	2.52248	2.64863	1.67553		1.87E-01	0.01067	5E-05	0.00388	0.20118		2.35E-01	0.013469	4.21E-05	0.002265	2.51E-01		0.232131	0.011584	3.44E-05	0.002406	0.246156
3727	474863.09	3851877.25	2.34694	2.80418	2.78115	1.88874		2.13E-01	0.01186	5.2E-05	0.00437	0.22897		2.68E-01	0.014973	4.42E-05	0.002554	2.86E-01		0.264617	0.012878	3.61E-05	0.002712	0.280243
3728	475363.09	3851877.25	2.61265	2.82705	2.60875	2.05181		2.37E-01	0.01196	4.9E-05	0.00475	0.25352		2.99E-01	0.015095	4.15E-05	0.002774	3.17E-01		0.294575	0.012983	3.39E-05	0.002947	0.310539
3729	475863.09	3851877.25	2.42648	2.97283	2.55939	2.22699		2.20E-01	0.01258	4.8E-05	0.00516	0.23768		2.78E-01	0.015873	4.07E-05	0.003011	2.96E-01		0.273585	0.013652	3.32E-05	0.003198	0.290468
3730	476363.09	3851877.25	2.44488	2.99857	2.81762	2.40734		2.22E-01	0.01269	5.3E-05	0.00558	0.23987		2.80E-01	0.016011	4.48E-05	0.003255	2.99E-01		0.275659	0.013771	3.66E-05	0.003457	0.292924
3731	476863.09	3851877.25	2.92526	3.29374	3.21908	2.92315		2.65E-01	0.01393	6E-05	0.00677	0.28586		3.35E-01	0.017587	5.12E-05	0.003952	3.56E-01		0.329822	0.015126	4.18E-05	0.004198	0.349188
3732	477363.09	3851877.25	3.46174	4.02727	3.84023	3.49872		3.14E-01	0.01704	7.2E-05	0.0081	0.33892		3.96E-01	0.021504	6.1E-05	0.004731	4.22E-01		0.39031	0.018495	4.98E-05	0.005024	0.413879
3733	477863.09	3851877.25	4.13982	4.55883	4.01496	3.75324		3.75E-01	0.01929	7.5E-05	0.00869	0.40321		4.74E-01	0.024342	6.38E-05	0.005075	5.03E-01		0.466763	0.020936	5.21E-05	0.00539	0.493141
3734	478363.09	3851877.25	4.65975	5.11722	5.14513	4.27042		4.22E-01	0.02165	9.6E-05	0.00989	0.45391		5.33E-01	0.027324	8.18E-05	0.005774	5.66E-01		0.525385	0.0235	6.68E-05	0.006133	0.555085
3735	478863.09	3851877.25	4.61224	5.55334	4.57822	3.93307		4.18E-01	0.02349	8.6E-05	0.00911	0.45066		5.28E-01	0.029652	7.28E-05	0.005318	5.63E-01		0.520028	0.025503	5.94E-05	0.005648	0.551239
3736	479363.09	3851877.25	4.45811	5.35234	4.48039	4.28563		4.04E-01	0.02264	8.4E-05	0.00993	0.43666		5.10E-01	0.028579	7.12E-05	0.005795	5.44E-01		0.50265	0.02458	5.82E-05	0.006154	0.533443
3737	479863.09	3851877.25	4.96011	6.02111	4.88621	4.68862		4.49E-01	0.02547	9.1E-05	0.01086	0.48592		5.67E-01	0.03215	7.77E-05	0.00634	6.06E-01		0.559251	0.027651	6.34E-05	0.006733	0.593698
3738	480363.09	3851877.25	5.00477	5.92428	4.601	4.53467		4.54E-01	0.02506	8.6E-05	0.0105	0.48919		5.72E-01	0.031633	7.31E-05	0.006131	6.10E-01		0.564286	0.027206	5.97E-05	0.006512	0.598064
3739	480863.09	3851877.25	5.61807	6.57647	4.89212	4.2706		5.09E-01	0.02782	9.2E-05	0.00989	0.54693		6.43E-01	0.035115	7.78E-05	0.005774	6.84E-01		0.633435	0.030202	6.35E-05	0.006133	0.669833
3740	481363.09	3851877.25	7.08623	9.23783	7.50238	8.04437		6.42E-01	0.03908	0.00014	0.01863	0.70002		8.11E-01	0.049326	0.000119	0.010877	8.71E-01		0.79897	0.042424	9.74E-05	0.011552	0.853043
3741	481863.09	3851877.25	6.92416	8.22921	8.12826	7.75415		6.27E-01	0.03481	0.00015	0.01796	0.68041		7.92E-01	0.04394	0.000129	0.010484	8.47E-01		0.780697	0.037792	0.000106	0.011135	0.829729
3742	482363.09	3851877.25	6.11168	7.53335	7.05328	3.90535		5.54E-01	0.03187	0.00013	0.00905	0.5949		6.99E-01	0.040224	0.000112	0.00528	7.45E-01		0.68909	0.034596	9.16E-05	0.005608	0.729386
3743	482863.09	3851877.25	3.9448	4.7291	5.13303	2.02733		3.57E-01	0.02001	9.6E-05	0.0047	0.38228		4.51E-01	0.025251	8.16E-05	0.002741	4.79E-01		0.444775	0.021718	6.66E-05	0.002911	0.469471
3744	483363.09	3851877.25	3.75865	4.96506	4.67153	1.98904		3.41E-01	0.021	8.7E-05	0.00461	0.36632		4.30E-01	0.026511	7.42E-05	0.002689	4.59E-01		0.423787	0.022801	6.06E-05	0.002856	0.449505
3745	483863.09	3851877.25	3.07007	5.03544	3.92572	1.59872		2.78E-01	0.0213	7.3E-05	0.0037	0.3033		3.51E-01	0.026887	6.24E-05	0.002162	3.80E-01		0.346149	0.023125	5.1E-05	0.002296	0.371621
3746	484363.09	3851877.25	2.94837	5.27561	3.80756	1.57244		2.67E-01	0.02232	7.1E-05	0.00364	0.29322		3.37E-01	0.028169	6.05E-05	0.002126	3.68E-01		0.332428	0.024228	4.94E-05	0.002258	0.358963
3747	484863.09	3851877.25	2.18606	3.15043	2.97902	1.15698		1.98E-01	0.01333	5.6E-05	0.00268	0.21417		2.50E-01	0.016822	4.73E-05	0.001564	2.68E-01		0.246478	0.014468	3.87E-05	0.001661	0.262646
3748	485363.09	3851877.25	2.03433	4.02652	2.75701	1.04805		1.84E-01	0.01703	5.2E-05	0.00243	0.20387		2.33E-01	0.0215	4.38E-05	0.001417	2.56E-01		0.22937	0.018491	3.58E-05	0.001505	0.249402
3749	485863.09	3851877.25	1.84476	3.24519	2.51048	0.93279		1.67E-01	0.01373	4.7E-05	0.00216	0.18311		2.11E-01	0.017328	3.99E-05	0.001261	2.30E-01		0.207996	0.014903	3.26E-05	0.00134	0.224271
3750	486363.09	3851877.25	1.31854	3.33492	1.6848	0.73019		1.19E-01	0.01411	3.2E-05	0.00169	0.13532		1.51E-01	0.017807	2.68E-05	0.000987	1.70E-01		0.148665	0.015315	2.19E-05	0.001049	0.165051
3751	486863.09	3851877.25	1.15203	3.14705	1.53848	0.63723		1.04E-01	0.01331	2.9E-05	0.00148	0.11922		1.32E-01	0.016804	2.45E-05	0.000862	1.49E-01		0.129891	0.014452	2E-05	0.000915	0.145278
3752	487363.09	3851877.25	1.00372	2.86143	1.3242	0.57135		9.10E-02	0.01211	2.5E-05	0.00132	0.10441		1.15E-01	0.015279	2.1E-05	0.000773	1.31E-01		0.113169	0.013141	1.72E-05	0.00082	0.127148
3753	487863.09	3851877.25	0.68723	2.0148	0.88226	0.47478		6.23E-02	0.00852	1.7E-05	0.0011	0.07192		7.86E-02	0.010758	1.4E-05	0.000642	9.00E-02		0.077485	0.009253	1.15E-05	0.000682	0.087431
3754	488363.09	3851877.25	0.62535	1.77638	0.81404	0.44932		5.67E-02	0.00751	1.5E-05	0.00104	0.06524		7.15E-02	0.009485	1.29E-05	0.000608	8.16E-02		0.070508	0.008158	1.06E-05	0.000645	0.079322
3755	488863.09	3851877.25	0.52607	1.61689	0.68139	0.41334		4.77E-02	0.00684	1.3E-05	0.00096	0.05548		6.02E-02	0.008633	1.08E-05	0.000559	6.94E-02		0.059314	0.007425	8.84E-06	0.000594	0.067342
3756	489363.09	3851877.25	0.45899	1.44632	0.59736	0.38238		4.16E-02	0.00612	1.1E-05	0.00089	0.04861		5.25E-02	0.007723	9.49E-06	0.000517	6.07E-02		0.051751	0.006642	7.75E-06	0.000549	0.05895
3757	489863.09	3851877.25	0.42288	1.36152	0.54143	0.35755		3.83E-02	0.00576	1E-05	0.00083	0.04492		4.84E-02	0.00727	8.61E-06	0.000483	5.61E-02		0.04768	0.006253	7.03E-06	0.000513	0.054453
3758	490363.09	3851877.25	0.40956	1.28152	0.52193	0.34489		3.71E-02	0.00542	9.8E-06	0.0008	0.04335		4.68E-02	0.006843	8.3E-06	0.000466	5.42E-02		0.046178	0.005885	6.77E-06	0.000495	0.052565
3759	490863.09	3851877.25	0.39986	1.26541	0.51409	0.34133		3.62E-02	0.00535	9.6E-06	0.00079	0.04239		4.57E-02	0.006757	8.17E-06	0.000462	5.30E-02		0.045084	0.005811	6.67E-06	0.00049	0.051392
3760	491363.09	3851877.25	0.40104	1.21882	0.50921	0.34821		3.63E-02	0.00516	9.5E-06	0.00081	0.04232		4.59E-02	0.006508	8.09E-06	0.000471	5.29E-02		0.045217	0.005597	6.61E-06	0.0005	0.051321
3761	491863.09	3851877.25	0.38701	1.21997	0.49194	0.32829		3.51E-02	0.00516	9.2E-06	0.00076	0.041		4.43E-02	0.006514	7.82E-06	0.000444	5.12E-02		0.043635	0.005603	6.39E-06	0.000471	0.049716
3762	492363.09	3851877.25	0.34673	1.01157	0.44718	0.32646		3.14E-02	0.00428	8.4E-06	0.00076	0.03647		3.97E-02	0.005401	7.11E-06	0.000441	4.55E-02		0.039094	0.004646	5.8E-06	0.000469	0.044214
3763	492863.09	3851877.25	0.27793	0.7629	0.34883	0.29929		2.52E-02	0.00323	6.5E-06	0.00069	0.02911		3.18E-02	0.004074	5.54E-06	0.000405	3.63E-02		0.031337	0.003504	4.53E-06	0.00043	0.035274
3764	493363.09	3851877.25	0.33081	0.9054	0.42477	0.30483		3.00E-02	0.00383	8E-06	0.00071	0.03452		3.78E-02	0.004834	6.75E-06	0.000412	4.31E-02		0.037299	0.004158	5.51E-06	0.000438	0.0419
3765	493863.09	3851877.25	0.41	1.16098	0.52419	0.34247		3.72E-02	0.00491	9.8E-06	0.00079	0.04287		4.69E-02	0.006199	8.33E-06	0.000463	5.36E-02		0.046227	0.005332	6.8E-06	0.000492	0.052058
3766	494363.09	3851877.25	0.37657	1.01865	0.47323	0.34144		3.41E-02	0.00431	8.9E-06	0.00079	0.03923		4.31E-02	0.005439	7.52E-06	0.000462	4.90E-02		0.042458	0.004678	6.14E-06	0.00049	0.047633
3767	494863.09	3851877.25	0.43475	1.1575	0.55586	0.3582		3.94E-02	0.0049	1E-05	0.00083	0.04513		4.97E-02	0.00618	8.83E-06	0.000484	5.64E-02		0.049018	0.005316	7.22E-06	0.000514	0.054855
3768	495363.09	3851877.25	0.48283	1.20753	0.59694	0.37848		4.38E-02	0.00511	1.1E-05	0.00088	0.04975		5.52E-02	0.006448	9.49E-06	0.000512	6.22E-02		0.054439	0.005545	7.75E-06	0.000544	0.060536
3769	495863.09	3851877.25	0.49812	1.33778	0.62175	0.38771		4.51E-02	0.00566	1.2E-05	0.0009	0.05171		5.70E-02	0.007143	9.88E-06	0.000524	6.47E-02		0.056163	0.006144	8.07E-06	0.000557	0.062871
3770	496363.09	3851877.25	0.46411	1.21282	0.59141	0.36283		4.21E-02	0.00513	1.1E-05	0.00084	0.04804		5.31E-02	0.006476	9.4E-06	0.000491	6.01E-02		0.052328	0.00557	7.68E-06	0.000521	0.058427
3771	496863.09	3851877.25	0.42431	1.11632	0.54886	0.35735		3.85E-02	0.00472	1E-05	0.00083	0.04401		4.85E-02	0.005961	8.72E-06	0.000483	5.50E-02		0.047841	0.005127	7.12E-06	0.000513	0.053488
3772	497363.09	3851877.25	0.39609	0.98548	0.51364	0.35145		3.59E-02	0.00417	9.6E-06	0.00081	0.04089		4.53E-02	0.005262	8.16E-06	0.000475	5.10E-02		0.044659	0.004526	6.67E-06	0.000505	0.049696
3773	497863.09	3851877.25	0.35277	0.874	0.44307	0.34352		3.20E-02	0.0037	8.3E-06	0.0008	0.03647		4.03E-02	0.004667	7.04E-06	0.000464	4.55E-02		0.039775	0.004014	5.75E-06	0.000493	0.044287
3774	498363.09	3851877.25	0.31931	0.70362	0.3944	0.33422		2.89E-02	0.00298	7.4E-06	0.00077	0.03269		3.65E-02	0.003757	6.27E-06	0.000452	4.07E-02		0.036002	0.003231	5.12E-06	0.00048	0.039718
3775	471363.09	3852377.25	1.25949	2.02066	1.58902	0.8531		1.14E-01	0.00855	3E-05	0.00198	0.12469		1.44E-01	0.010789	2.53E-05	0.001153	1.56E-01		0.142007	0.00928	2.06E-05	0.001225	0.152532
3776	471863.09	3852377.25	1.43231	2.15518	1.83578	1.01837		1.30E-01	0.00912	3.4E-05	0.00236	0.14131		1.64E-01	0.011508	2.92E-05	0.001377	1.77E-01		0.161492	0.009897	2.38E-05	0.001462	0.172876
3777	472363.09	3852377.25	1.56099	2.35595	1.9816	1.15384		1.41E-01	0.00997	3.7E-05	0.00267	0.15414		1.79E-01	0.01258	3.15E-05	0.00156	1.93E-01		0.176001	0.010819	2.57E-05	0.001657	0.188503
3778	472863.09	3852377.25	1.74254	2.41197	2.1594	1.24939		1.58E-01	0.0102	4E-05	0.00289	0.17105		1.99E-01	0.012879	3.43E-05	0.001689	2.14E-01		0.196471	0.011077	2.8E-05	0.001794	0.20937

3779	473363.09	3852377.25	1.83362	2.35433	2.19113	1.33321	1.66E-01	0.00996	4.1E-05	0.00309	0.17926	2.10E-01	0.012571	3.48E-05	0.001803	2.24E-01	0.20674	0.010812	2.84E-05	0.001915	0.219495
3780	473863.09	3852377.25	1.86722	2.26664	2.23556	1.35684	1.69E-01	0.00959	4.2E-05	0.00314	0.18198	2.14E-01	0.012103	3.55E-05	0.001835	2.28E-01	0.210528	0.010409	2.9E-05	0.001948	0.222915
3781	474363.09	3852377.25	1.86373	2.21354	2.41738	1.44742	1.69E-01	0.00936	4.5E-05	0.00335	0.18166	2.13E-01	0.011819	3.84E-05	0.001957	2.27E-01	0.210135	0.010165	3.14E-05	0.002079	0.22241
3782	474863.09	3852377.25	2.28061	2.67425	2.77462	2.02041	2.07E-01	0.01131	5.2E-05	0.00468	0.22272	2.61E-01	0.014279	4.41E-05	0.002732	2.78E-01	0.257138	0.012281	3.6E-05	0.002901	0.272357
3783	475363.09	3852377.25	2.46873	3.01046	2.96037	2.12602	2.24E-01	0.01274	5.5E-05	0.00492	0.24144	2.82E-01	0.016074	4.7E-05	0.002875	3.01E-01	0.278348	0.013825	3.84E-05	0.003053	0.295265
3784	475863.09	3852377.25	2.47889	3.38044	3.21762	2.04538	2.25E-01	0.0143	6E-05	0.00474	0.24374	2.84E-01	0.01805	5.11E-05	0.002766	3.04E-01	0.279494	0.015524	4.18E-05	0.002937	0.297997
3785	476363.09	3852377.25	2.79181	3.3781	3.3159	1.97811	2.53E-01	0.01429	6.2E-05	0.00458	0.27193	3.19E-01	0.018037	5.27E-05	0.002675	3.40E-01	0.314776	0.015513	4.3E-05	0.002841	0.333173
3786	476863.09	3852377.25	3.05856	3.42557	3.15276	2.10575	2.77E-01	0.01449	5.9E-05	0.00488	0.2966	3.50E-01	0.018291	5.01E-05	0.002847	3.71E-01	0.344852	0.015731	4.09E-05	0.003024	0.363648
3787	477363.09	3852377.25	2.85262	3.60193	3.15352	2.32576	2.59E-01	0.01524	5.9E-05	0.00539	0.27919	3.26E-01	0.019233	5.01E-05	0.003145	3.49E-01	0.321632	0.016541	4.09E-05	0.00334	0.341554
3788	477863.09	3852377.25	2.84225	3.19185	3.4319	2.07711	2.58E-01	0.0135	6.4E-05	0.00481	0.27595	3.25E-01	0.017043	5.45E-05	0.002808	3.45E-01	0.320463	0.014658	4.45E-05	0.002983	0.338148
3789	478363.09	3852377.25	3.04522	3.38188	3.87425	2.09309	2.76E-01	0.01431	7.3E-05	0.00485	0.29519	3.48E-01	0.018058	6.16E-05	0.00283	3.69E-01	0.343348	0.015531	5.03E-05	0.003006	0.361934
3790	478863.09	3852377.25	4.46036	4.79071	4.78228	3.24263	4.04E-01	0.02027	9E-05	0.00751	0.43207	5.10E-01	0.02558	7.6E-05	0.004384	5.40E-01	0.502904	0.022001	6.21E-05	0.004657	0.529623
3791	479363.09	3852377.25	5.60878	6.28135	6.23233	3.8846	5.08E-01	0.02657	0.00012	0.009	0.54397	6.42E-01	0.033539	9.91E-05	0.005252	6.80E-01	0.632388	0.028846	8.09E-05	0.005578	0.666894
3792	479863.09	3852377.25	6.19726	7.23698	5.93033	4.92628	5.62E-01	0.03062	0.00011	0.01141	0.60375	7.09E-01	0.038642	9.43E-05	0.006661	7.54E-01	0.698739	0.033235	7.7E-05	0.007074	0.739125
3793	480363.09	3852377.25	5.25159	6.18929	5.4227	5.51675	4.76E-01	0.02618	0.0001	0.01278	0.51497	6.01E-01	0.033048	8.62E-05	0.007459	6.41E-01	0.592115	0.028424	7.04E-05	0.007922	0.628531
3794	480863.09	3852377.25	5.67625	6.78796	5.76562	6.12397	5.14E-01	0.02872	0.00011	0.01418	0.5574	6.49E-01	0.036244	9.16E-05	0.00828	6.94E-01	0.639995	0.031173	7.48E-05	0.008794	0.680037
3795	481363.09	3852377.25	7.00877	8.08689	5.86265	5.05581	6.35E-01	0.03421	0.00011	0.01171	0.68118	8.02E-01	0.04318	9.32E-05	0.006836	8.52E-01	0.790236	0.037138	7.61E-05	0.00726	0.834711
3796	481863.09	3852377.25	8.08235	11.06698	8.88085	9.37171	7.32E-01	0.04682	0.00017	0.02171	0.80113	9.24E-01	0.059092	0.000141	0.012672	9.96E-01	0.911282	0.050824	0.000115	0.013458	0.975679
3797	482363.09	3852377.25	8.17147	10.14297	9.39149	9.05874	7.41E-01	0.04291	0.00018	0.02098	0.80458	9.35E-01	0.054159	0.000149	0.012248	1.00E+00	0.92133	0.04658	0.000122	0.013009	0.981041
3798	482863.09	3852377.25	7.77528	10.12759	8.32436	6.03626	7.05E-01	0.04284	0.00016	0.01398	0.76159	8.89E-01	0.054076	0.000132	0.008162	9.52E-01	0.87666	0.04651	0.000108	0.008668	0.931946
3799	483363.09	3852377.25	5.45334	6.00956	6.89389	2.95631	4.94E-01	0.02542	0.00013	0.00685	0.52659	6.24E-01	0.032088	0.00011	0.003997	6.60E-01	0.614862	0.027598	8.95E-05	0.004245	0.646795
3800	483863.09	3852377.25	3.8105	5.61847	5.23609	2.01321	3.45E-01	0.02377	9.8E-05	0.00466	0.37385	4.36E-01	0.03	8.32E-05	0.002722	4.69E-01	0.429633	0.025802	6.8E-05	0.002891	0.458394
3801	484363.09	3852377.25	3.88634	6.23477	5.17752	1.96843	3.52E-01	0.02638	9.7E-05	0.00456	0.38322	4.45E-01	0.033291	8.23E-05	0.002662	4.81E-01	0.438184	0.028632	6.72E-05	0.002827	0.46971
3802	484863.09	3852377.25	3.32215	5.25138	4.55676	1.74801	3.01E-01	0.02222	8.5E-05	0.00405	0.32741	3.80E-01	0.02804	7.24E-05	0.002363	4.10E-01	0.374571	0.024116	5.91E-05	0.00251	0.401257
3803	485363.09	3852377.25	3.39492	5.79737	4.41938	1.56745	3.08E-01	0.02453	8.3E-05	0.00363	0.33589	3.88E-01	0.030955	7.02E-05	0.002119	4.21E-01	0.382776	0.026624	5.74E-05	0.002251	0.411708
3804	485863.09	3852377.25	2.43386	5.16071	3.25629	1.14367	2.21E-01	0.02183	6.1E-05	0.00265	0.2451	2.78E-01	0.027556	5.18E-05	0.001546	3.08E-01	0.274417	0.0237	4.23E-05	0.001642	0.299801
3805	486363.09	3852377.25	1.59322	4.37461	1.97838	0.80644	1.44E-01	0.01851	3.7E-05	0.00187	0.16479	1.82E-01	0.023358	3.14E-05	0.00109	2.07E-01	0.179635	0.02009	2.57E-05	0.001158	0.200909
3806	486863.09	3852377.25	1.22964	3.45737	1.6238	0.66638	1.11E-01	0.01463	3E-05	0.00154	0.12763	1.41E-01	0.018461	2.58E-05	0.000901	1.60E-01	0.138641	0.015878	2.11E-05	0.000957	0.155497
3807	487363.09	3852377.25	0.90605	2.84626	1.14873	0.56564	8.21E-02	0.01204	2.2E-05	0.00131	0.09548	1.04E-01	0.015198	1.83E-05	0.000765	1.20E-01	0.102157	0.013071	1.49E-05	0.000812	0.116055
3808	487863.09	3852377.25	0.70126	2.11477	0.91391	0.49684	6.35E-02	0.00895	1.7E-05	0.00115	0.07366	8.02E-02	0.011292	1.45E-05	0.000672	9.22E-02	0.079067	0.009712	1.19E-05	0.000713	0.089504
3809	488363.09	3852377.25	0.55845	1.79491	0.72731	0.44581	5.06E-02	0.00759	1.4E-05	0.00103	0.05925	6.39E-02	0.009584	1.16E-05	0.000603	7.41E-02	0.062965	0.008243	9.44E-06	0.00064	0.071858
3810	488863.09	3852377.25	0.46534	1.60804	0.59164	0.3917	4.22E-02	0.0068	1.1E-05	0.00091	0.04989	5.32E-02	0.008586	9.4E-06	0.00053	6.23E-02	0.052467	0.007385	7.68E-06	0.000563	0.060422
3811	489363.09	3852377.25	0.41087	1.34213	0.52417	0.35873	3.72E-02	0.00568	9.8E-06	0.00083	0.04375	4.70E-02	0.007166	8.33E-06	0.000485	5.47E-02	0.046325	0.006164	6.8E-06	0.000515	0.053011
3812	489863.09	3852377.25	0.35632	1.18364	0.46578	0.33313	3.23E-02	0.00501	8.7E-06	0.00077	0.03808	4.08E-02	0.00632	7.4E-06	0.00045	4.75E-02	0.040175	0.005436	6.05E-06	0.000478	0.046095
3813	490363.09	3852377.25	0.39437	1.26618	0.48811	0.34876	3.57E-02	0.00536	9.1E-06	0.00081	0.04191	4.51E-02	0.006761	7.76E-06	0.000472	5.23E-02	0.044465	0.005815	6.34E-06	0.000501	0.050787
3814	490863.09	3852377.25	0.40791	1.26926	0.51574	0.35722	3.70E-02	0.00537	9.7E-06	0.00083	0.04317	4.67E-02	0.006777	8.2E-06	0.000483	5.39E-02	0.045992	0.005829	6.69E-06	0.000513	0.05234
3815	491363.09	3852377.25	0.50544	1.55012	0.61749	0.38908	4.58E-02	0.00656	1.2E-05	0.0009	0.05327	5.78E-02	0.008277	9.81E-06	0.000526	6.66E-02	0.056988	0.007119	8.02E-06	0.000559	0.064674
3816	491863.09	3852377.25	0.48691	1.44752	0.6267	0.39847	4.41E-02	0.00612	1.2E-05	0.00092	0.05118	5.57E-02	0.007729	9.96E-06	0.000539	6.40E-02	0.054899	0.006648	8.13E-06	0.000572	0.062127
3817	492363.09	3852377.25	0.47382	1.42832	0.59649	0.3996	4.29E-02	0.00604	1.1E-05	0.00093	0.04992	5.42E-02	0.007627	9.48E-06	0.00054	6.24E-02	0.053423	0.006559	7.74E-06	0.000574	0.060564
3818	492863.09	3852377.25	0.51448	1.44689	0.63878	0.38992	4.66E-02	0.00612	1.2E-05	0.0009	0.05366	5.88E-02	0.007726	1.02E-05	0.000527	6.71E-02	0.058007	0.006645	8.29E-06	0.00056	0.06522
3819	493363.09	3852377.25	0.62878	1.66728	0.78438	0.43512	5.70E-02	0.00705	1.5E-05	0.00101	0.06506	7.19E-02	0.008902	1.25E-05	0.000588	8.14E-02	0.070895	0.007657	1.02E-05	0.000625	0.079187
3820	493863.09	3852377.25	0.58134	1.57744	0.73795	0.41433	5.27E-02	0.00667	1.4E-05	0.00096	0.06033	6.65E-02	0.008423	1.17E-05	0.00056	7.55E-02	0.065546	0.007244	9.58E-06	0.000595	0.073395
3821	494363.09	3852377.25	0.54288	1.49057	0.68314	0.4083	4.92E-02	0.00631	1.3E-05	0.00095	0.05646	6.21E-02	0.007959	1.09E-05	0.000552	7.06E-02	0.06121	0.006845	8.87E-06	0.000586	0.06865
3822	494863.09	3852377.25	0.60829	1.59308	0.7545	0.41588	5.51E-02	0.00674	1.4E-05	0.00096	0.06284	6.96E-02	0.008506	1.2E-05	0.000562	7.87E-02	0.068584	0.007316	9.79E-06	0.000597	0.076508
3823	495363.09	3852377.25	0.6822	1.79966	0.82676	0.44148	6.18E-02	0.00761	1.5E-05	0.00102	0.07047	7.80E-02	0.009609	1.31E-05	0.000597	8.82E-02	0.076918	0.008265	1.07E-05	0.000634	0.085827
3824	495863.09	3852377.25	0.60362	1.50867	0.73994	0.41834	5.47E-02	0.00638	1.4E-05	0.00097	0.06207	6.90E-02	0.008056	1.18E-05	0.000566	7.77E-02	0.068058	0.006928	9.6E-06	0.000601	0.075597
3825	496363.09	3852377.25	0.53068	1.30458	0.6563	0.41303	4.81E-02	0.00552	1.2E-05	0.00096	0.05458	6.07E-02	0.006966	1.04E-05	0.000558	6.82E-02	0.059834	0.005991	8.52E-06	0.000593	0.066427
3826	496863.09	3852377.25	0.48574	1.22374	0.59915	0.40157	4.40E-02	0.00518	1.1E-05	0.00093	0.05014	5.56E-02	0.006534	9.52E-06	0.000543	6.26E-02	0.054767	0.00562	7.78E-06	0.000577	0.060971
3827	497363.09	3852377.25	0.404	0.92973	0.49897	0.39181	3.66E-02	0.00393	9.3E-06	0.00091	0.04146	4.62E-02	0.004964	7.93E-06	0.00053	5.17E-02	0.045551	0.00427	6.48E-06	0.000563	0.05039
3828	497863.09	3852377.25	0.34175	0.7862	0.42044	0.38617	3.10E-02	0.00333	7.9E-06	0.00089	0.0352	3.91E-02	0.004198	6.68E-06	0.000522	4.38E-02	0.038532	0.003611	5.46E-06	0.000555	0.042703
3829	498363.09	3852377.25	0.31279	0.63645	0.40261	0.37715	2.83E-02	0.00269	7.5E-06	0.00087	0.03192	3.58E-02	0.003398	6.4E-06	0.00051	3.97E-02	0.035267	0.002923	5.23E-06	0.000542	0.038737
3830	471363.09	3852877.25	1.2621	1.4889	1.69561	0.88555	1.14E-01	0.0063	3.2E-05	0.00205	0.12276	1.44E-01	0.00795	2.69E-05	0.001197	1.54E-01	0.142301	0.006838	2.2E-05	0.001272	0.150433
3831	471863.09	3852877.25	1.40619	1.68129	1.88596	0.99583	1.27E-01	0.00711	3.5E-05	0.00231	0.13689	1.61E-01	0.008977	3E-05	0.001346	1.71E-01	0.158547	0.007721	2.45E-05	0.00143	0.167723
3832	472363.09	3852877.25	1.54924	2.07732	2.05585	1.10696	1.40E-01	0.00879	3.8E-05	0.00256	0.15179	1.77E-01	0.011092	3.27E-05	0.001497	1.90E-01	0.174676	0.00954	2.67E-05	0.00159	0.185832
3833	472863.09	3852877.25	1.70318	2.67433	2.22079	1.18616	1.54E-01	0.01131	4.2E-05	0.00275	0.16845	1.95E-01	0.01428	3.53E-05	0.001604	2.11E-01	0.192033	0.012282	2.88E-05	0.001703	0.206047
3834	473363.09	3852877.25	1.87185	2.72864	2.35364	1.31693	1.70E-01	0.01154	4.4E-05	0.00305	0.18427	2.14E-01	0.01457	3.74E-05	0.001781	2.30E-01	0.21105	0.012531	3.06E-05	0.001891	0.225503
3835	473863.09	3852877.25	2.0845	3.21197	2.57555	1.4456	1.89E-01	0.01359	4.8E-05	0.00335	0.20589	2.38E-01	0.01715	4.09E-05	0.001955	2.58E-01	0.235027	0.014751	3.34E-05	0.002076	0.251887
3836	474363.09	3852877.25	2.27884	3.39765	2.80912	1.62972	2.07E-01	0.01437	5.3E-05	0.00377	0.22471	2.61E-01	0.018142	4.46E-05	0.002204	2.81E-01	0.256938	0.015603	3.65E-05	0.00234	0.274919
3837	474863.09	3852877.25	2.16069	3.01591	2.66826	1.47903	1.96E-01	0.01276	5E-05	0.00343	0.21204	2.47E-01	0.016104	4.24E-05	0.002	2.65E-01	0.243617	0.01385	3.46E-05	0.002124	0.259626
3838	475363.09	3852877.25	2.38685	3.24661	2.84213	1.70365	2.16E-01	0.01373	5.3E-05	0.00395	0.23404	2.73E-01	0.017335	4.52E-05	0.002304	2.93E-01	0.269117	0.01491	3.69E-05	0.002447	0.28651
3839	475863.09	3852877.25	2.45913	3.10517	3.03616	1.81909	2.23E-01	0.01314	5.7E-05	0.00421	0.24026	2.81E-01	0.01658	4.83E-05	0.00246	3.00E-01	0.277266	0.01426	3.94E-05	0.002612	0.294178

3840	476363.09	3852877.25	2.30623	3.06588	3.00192	1.61351	2.09E-01	0.01297	5.6E-05	0.00374	0.22576	2.64E-01	0.01637	4.77E-05	0.002182	2.82E-01	0.260027	0.01408	3.9E-05	0.002317	0.276462
3841	476863.09	3852877.25	2.07572	2.6647	2.7217	1.35339	1.88E-01	0.01127	5.1E-05	0.00313	0.20256	2.37E-01	0.014228	4.33E-05	0.00183	2.54E-01	0.234037	0.012237	3.53E-05	0.001944	0.248253
3842	477363.09	3852877.25	1.88204	2.63878	2.507	1.20528	1.71E-01	0.01116	4.7E-05	0.00279	0.18456	2.15E-01	0.01409	3.98E-05	0.00163	2.31E-01	0.212199	0.012118	3.25E-05	0.001731	0.226081
3843	477863.09	3852877.25	1.58101	2.20005	2.08918	1.11892	1.43E-01	0.00931	3.9E-05	0.00259	0.15521	1.81E-01	0.011747	3.32E-05	0.001513	1.94E-01	0.178258	0.010103	2.71E-05	0.001607	0.189996
3844	478363.09	3852877.25	1.1334	1.57211	1.48443	0.94188	1.03E-01	0.00665	2.8E-05	0.00218	0.11157	1.30E-01	0.008394	2.36E-05	0.001274	1.39E-01	0.12779	0.00722	1.93E-05	0.001353	0.136382
3845	478863.09	3852877.25	1.50594	2.00642	1.99578	1.20052	1.36E-01	0.00849	3.7E-05	0.00278	0.14778	1.72E-01	0.010713	3.17E-05	0.001623	1.85E-01	0.169794	0.009214	2.59E-05	0.001724	0.180758
3846	479363.09	3852877.25	2.75353	3.21744	3.66318	1.79222	2.50E-01	0.01361	6.9E-05	0.00415	0.26736	3.15E-01	0.01718	5.82E-05	0.002423	3.35E-01	0.31046	0.014776	4.75E-05	0.002574	0.327857
3847	479863.09	3852877.25	5.89133	6.7054	6.55071	4.21558	5.34E-01	0.02837	0.00012	0.00976	0.57214	6.74E-01	0.035804	0.000104	0.0057	7.15E-01	0.664245	0.030794	8.5E-05	0.006054	0.701178
3848	480363.09	3852877.25	6.53864	7.99082	6.93479	6.08927	5.93E-01	0.03381	0.00013	0.0141	0.64058	7.48E-01	0.042667	0.00011	0.008233	7.99E-01	0.737229	0.036697	9E-05	0.008745	0.782761
3849	480863.09	3852877.25	7.14292	9.05548	6.78144	6.28176	6.47E-01	0.03831	0.00013	0.01455	0.70029	8.17E-01	0.048352	0.000108	0.008494	8.74E-01	0.805362	0.041586	8.8E-05	0.009021	0.856057
3850	481363.09	3852877.25	7.79987	9.55418	7.14517	6.91571	7.07E-01	0.04042	0.00013	0.01602	0.76341	8.92E-01	0.051015	0.000114	0.009351	9.53E-01	0.879433	0.043876	9.27E-05	0.009931	0.933333
3851	481863.09	3852877.25	8.88764	11.11131	6.84477	6.45479	8.05E-01	0.04701	0.00013	0.01495	0.8675	1.02E+00	0.059329	0.000109	0.008728	1.08E+00	1.002078	0.051027	8.88E-05	0.009269	1.062464
3852	482363.09	3852877.25	9.41418	13.05491	10.73583	11.55818	8.53E-01	0.05523	0.0002	0.02677	0.93533	1.08E+00	0.069707	0.000171	0.015628	1.16E+00	1.061446	0.059953	0.000139	0.016598	1.138136
3853	482863.09	3852877.25	9.26097	12.08261	10.94491	10.98579	8.39E-01	0.05112	0.0002	0.02545	0.91601	1.06E+00	0.064515	0.000174	0.014854	1.14E+00	1.044171	0.055488	0.000142	0.015776	1.115577
3854	483363.09	3852877.25	8.51613	11.15817	9.74477	6.72277	7.72E-01	0.0472	0.00018	0.01557	0.83471	9.74E-01	0.059579	0.000155	0.00909	1.04E+00	0.960191	0.051242	0.000126	0.009654	1.021214
3855	483863.09	3852877.25	5.80945	9.27208	7.24552	2.83031	5.26E-01	0.03923	0.00014	0.00656	0.57238	6.64E-01	0.049508	0.000115	0.003827	7.18E-01	0.655013	0.042581	9.4E-05	0.004064	0.701753
3856	484363.09	3852877.25	5.55717	9.4096	7.37114	2.963	5.04E-01	0.03981	0.00014	0.00686	0.55041	6.36E-01	0.050243	0.000117	0.004006	6.90E-01	0.626569	0.043212	9.57E-05	0.004255	0.674132
3857	484863.09	3852877.25	4.73246	9.32198	6.0409	2.57759	4.29E-01	0.03944	0.00011	0.00597	0.47439	5.41E-01	0.049775	9.6E-05	0.003485	5.95E-01	0.533583	0.04281	7.84E-05	0.003702	0.580173
3858	485363.09	3852877.25	2.61823	5.78675	3.39595	1.2902	2.37E-01	0.02448	6.4E-05	0.00299	0.2648	2.99E-01	0.030898	5.4E-05	0.001744	3.32E-01	0.295205	0.026575	4.41E-05	0.001853	0.323676
3859	485863.09	3852877.25	1.77709	4.98973	2.23316	0.94016	1.61E-01	0.02111	4.2E-05	0.00218	0.18437	2.03E-01	0.026643	3.55E-05	0.001271	2.31E-01	0.200366	0.022915	2.9E-05	0.00135	0.22466
3860	486363.09	3852877.25	1.17125	3.69018	1.54533	0.74955	1.06E-01	0.01561	2.9E-05	0.00174	0.12352	1.34E-01	0.019704	2.46E-05	0.001013	1.55E-01	0.132058	0.016947	2.01E-05	0.001076	0.150101
3861	486863.09	3852877.25	0.94612	3.03534	1.24608	0.63013	8.57E-02	0.01284	2.3E-05	0.00146	0.10006	1.08E-01	0.016207	1.98E-05	0.000852	1.25E-01	0.106675	0.013939	1.62E-05	0.000905	0.121535
3862	487363.09	3852877.25	0.74785	2.44469	0.95485	0.55253	6.78E-02	0.01034	1.8E-05	0.00128	0.07941	8.55E-02	0.013053	1.52E-05	0.000747	9.94E-02	0.08432	0.011227	1.24E-05	0.000793	0.096353
3863	487863.09	3852877.25	0.62706	2.16351	0.81124	0.48635	5.68E-02	0.00915	1.5E-05	0.00113	0.06712	7.17E-02	0.011552	1.29E-05	0.000658	8.39E-02	0.070701	0.009936	1.05E-05	0.000698	0.081345
3864	488363.09	3852877.25	0.40249	1.41499	0.5232	0.38028	3.65E-02	0.00599	9.8E-06	0.00088	0.04335	4.60E-02	0.007555	8.32E-06	0.000514	5.41E-02	0.045381	0.006498	6.79E-06	0.000546	0.052432
3865	488863.09	3852877.25	0.42519	1.50665	0.54197	0.37632	3.85E-02	0.00637	1E-05	0.00087	0.04579	4.86E-02	0.008045	8.61E-06	0.000509	5.72E-02	0.04794	0.006919	7.03E-06	0.00054	0.055407
3866	489363.09	3852877.25	0.41883	1.40196	0.5304	0.37083	3.80E-02	0.00593	9.9E-06	0.00086	0.04476	4.79E-02	0.007486	8.43E-06	0.000501	5.59E-02	0.047223	0.006438	6.88E-06	0.000533	0.054201
3867	489863.09	3852877.25	0.42053	1.30892	0.53508	0.37098	3.81E-02	0.00554	1E-05	0.00086	0.04452	4.81E-02	0.006989	8.5E-06	0.000502	5.56E-02	0.047415	0.006011	6.95E-06	0.000533	0.053965
3868	490363.09	3852877.25	0.54138	1.70847	0.69443	0.41247	4.91E-02	0.00723	1.3E-05	0.00096	0.05726	6.19E-02	0.009122	1.1E-05	0.000558	7.16E-02	0.06104	0.007846	9.01E-06	0.000592	0.069488
3869	490863.09	3852877.25	0.61687	1.93521	0.76249	0.45652	5.59E-02	0.00819	1.4E-05	0.00106	0.06516	7.06E-02	0.010333	1.21E-05	0.000617	8.15E-02	0.069552	0.008887	9.9E-06	0.000656	0.079105
3870	491363.09	3852877.25	0.69441	2.01918	0.82499	0.4682	6.29E-02	0.00854	1.5E-05	0.00108	0.07257	7.94E-02	0.010781	1.31E-05	0.000633	9.09E-02	0.078294	0.009273	1.07E-05	0.000672	0.08825
3871	491863.09	3852877.25	0.68903	1.94332	0.83802	0.47407	6.24E-02	0.00822	1.6E-05	0.0011	0.07178	7.88E-02	0.010376	1.33E-05	0.000641	8.98E-02	0.077688	0.008924	1.09E-05	0.000681	0.087304
3872	492363.09	3852877.25	0.71337	1.99234	0.87956	0.46234	6.46E-02	0.00843	1.6E-05	0.00107	0.07416	8.16E-02	0.010638	1.4E-05	0.000625	9.29E-02	0.080432	0.00915	1.14E-05	0.000664	0.090257
3873	492863.09	3852877.25	0.84421	2.21975	1.03235	0.49397	7.65E-02	0.00939	1.9E-05	0.00114	0.08706	9.66E-02	0.011852	1.64E-05	0.000668	1.09E-01	0.095184	0.010194	1.34E-05	0.000709	0.106101
3874	493363.09	3852877.25	0.92733	2.41851	1.12082	0.5078	8.40E-02	0.01023	2.1E-05	0.00118	0.09547	1.06E-01	0.012914	1.78E-05	0.000687	1.20E-01	0.104556	0.011107	1.45E-05	0.000729	0.116407
3875	493863.09	3852877.25	0.87918	2.2604	1.05998	0.50216	7.97E-02	0.00956	2E-05	0.00116	0.09042	1.01E-01	0.012069	1.68E-05	0.000679	1.13E-01	0.099127	0.010381	1.38E-05	0.000721	0.110243
3876	494363.09	3852877.25	0.83726	2.12164	1.02603	0.4929	7.59E-02	0.00898	1.9E-05	0.00114	0.08601	9.58E-02	0.011329	1.63E-05	0.000666	1.08E-01	0.094401	0.009743	1.33E-05	0.000708	0.104865
3877	494863.09	3852877.25	0.86133	2.11869	1.04887	0.49363	7.81E-02	0.00896	2E-05	0.00114	0.08818	9.85E-02	0.011313	1.67E-05	0.000667	1.11E-01	0.097115	0.00973	1.36E-05	0.000709	0.107567
3878	495363.09	3852877.25	0.73042	1.72593	0.90668	0.45933	6.62E-02	0.0073	1.7E-05	0.00106	0.07457	8.35E-02	0.009216	1.44E-05	0.000621	9.34E-02	0.082355	0.007926	1.18E-05	0.00066	0.090952
3879	495863.09	3852877.25	0.62624	1.52704	0.77592	0.45518	5.68E-02	0.00646	1.5E-05	0.00105	0.06428	7.16E-02	0.008154	1.23E-05	0.000615	8.04E-02	0.070608	0.007013	1.01E-05	0.000654	0.078285
3880	496363.09	3852877.25	0.61274	1.45409	0.74403	0.45812	5.55E-02	0.00615	1.4E-05	0.00106	0.06275	7.01E-02	0.007764	1.18E-05	0.000619	7.85E-02	0.069086	0.006678	9.66E-06	0.000658	0.076431
3881	496863.09	3852877.25	0.53232	1.28487	0.66259	0.45598	4.82E-02	0.00544	1.2E-05	0.00106	0.05474	6.09E-02	0.006861	1.05E-05	0.000617	6.84E-02	0.060019	0.005901	8.6E-06	0.000655	0.066583
3882	497363.09	3852877.25	0.38121	0.92433	0.49321	0.43575	3.45E-02	0.00391	9.2E-06	0.00101	0.03947	4.36E-02	0.004935	7.84E-06	0.000589	4.91E-02	0.042981	0.004245	6.4E-06	0.000626	0.047858
3883	497863.09	3852877.25	0.32111	0.59113	0.39786	0.38298	2.91E-02	0.0025	7.4E-06	0.00089	0.03249	3.67E-02	0.003156	6.32E-06	0.000518	4.04E-02	0.036205	0.002715	5.16E-06	0.00055	0.039475
3884	498363.09	3852877.25	0.30575	0.54316	0.38503	0.38091	2.77E-02	0.0023	7.2E-06	0.00088	0.0309	3.50E-02	0.0029	6.12E-06	0.000515	3.84E-02	0.034473	0.002494	5E-06	0.000547	0.03752
3885	471363.09	3853377.25	1.31707	1.69911	1.76053	0.91298	1.19E-01	0.00719	3.3E-05	0.00211	0.12869	1.51E-01	0.009072	2.8E-05	0.001234	1.61E-01	0.148499	0.007803	2.29E-05	0.001311	0.157636
3886	471863.09	3853377.25	1.46332	1.8632	1.88722	1.00626	1.33E-01	0.00788	3.5E-05	0.00233	0.14286	1.67E-01	0.009949	3E-05	0.001361	1.79E-01	0.164989	0.008557	2.45E-05	0.001445	0.175015
3887	472363.09	3853377.25	1.59144	2.07191	1.99037	1.08523	1.44E-01	0.00877	3.7E-05	0.00251	0.15554	1.82E-01	0.011063	3.16E-05	0.001467	1.95E-01	0.179434	0.009515	2.58E-05	0.001558	0.190534
3888	472863.09	3853377.25	1.71768	2.04842	2.19233	1.16794	1.56E-01	0.00867	4.1E-05	0.00271	0.16707	1.96E-01	0.010938	3.48E-05	0.001579	2.09E-01	0.193668	0.009407	2.85E-05	0.001677	0.204781
3889	473363.09	3853377.25	1.82421	2.25824	2.30831	1.22731	1.65E-01	0.00955	4.3E-05	0.00284	0.17775	2.09E-01	0.012058	3.67E-05	0.001659	2.22E-01	0.205679	0.010371	3E-05	0.001762	0.217842
3890	473863.09	3853377.25	1.8986	2.38234	2.42398	1.29824	1.72E-01	0.01008	4.5E-05	0.00301	0.18519	2.17E-01	0.012721	3.85E-05	0.001755	2.32E-01	0.214067	0.010941	3.15E-05	0.001864	0.226903
3891	474363.09	3853377.25	1.92795	2.7767	2.53951	1.34477	1.75E-01	0.01175	4.8E-05	0.00311	0.18962	2.21E-01	0.014826	4.04E-05	0.001818	2.37E-01	0.217376	0.012752	3.3E-05	0.001931	0.232091
3892	474863.09	3853377.25	1.97628	2.84471	2.5774	1.25708	1.79E-01	0.01203	4.8E-05	0.00291	0.19409	2.26E-01	0.015189	4.1E-05	0.0017	2.43E-01	0.222825	0.013064	3.35E-05	0.001805	0.237728
3893	475363.09	3853377.25	1.98746	2.95938	2.59304	1.24497	1.80E-01	0.01252	4.9E-05	0.00288	0.19556	2.27E-01	0.015802	4.12E-05	0.001683	2.45E-01	0.224085	0.013591	3.37E-05	0.001788	0.239498
3894	475863.09	3853377.25	2.03624	3.12027	2.59809	1.21159	1.85E-01	0.0132	4.9E-05	0.00281	0.20058	2.33E-01	0.016661	4.13E-05	0.001638	2.51E-01	0.229585	0.014329	3.37E-05	0.00174	0.245688
3895	476363.09	3853377.25	1.79931	2.96623	2.29356	1.0802	1.63E-01	0.01255	4.3E-05	0.0025	0.17815	2.06E-01	0.015838	3.65E-05	0.001461	2.23E-01	0.202872	0.013622	2.98E-05	0.001551	0.218075
3896	476863.09	3853377.25	1.27512	2.20725	1.72355	0.9248	1.16E-01	0.00934	3.2E-05	0.00214	0.12707	1.46E-01	0.011786	2.74E-05	0.00125	1.59E-01	0.143769	0.010137	2.24E-05	0.001328	0.155256
3897	477363.09	3853377.25	1.16996	1.97186	1.65525	0.9352	1.06E-01	0.00834	3.1E-05	0.00217	0.11656	1.34E-01	0.010529	2.63E-05	0.001264	1.46E-01	0.131913	0.009056	2.15E-05	0.001343	0.142333
3898	477863.09	3853377.25	1.2158	2.10586	1.69435	0.96509	1.10E-01	0.00891	3.2E-05	0.00224	0.12135	1.39E-01	0.011244	2.69E-05	0.001305	1.52E-01	0.137081	0.009671	2.2E-05	0.001386	0.14816
3899	478363.09	3853377.25	0.98242	1.50679	1.37857	0.85612	8.90E-02	0.00637	2.6E-05	0.00198	0.09741	1.12E-01	0.008046	2.19E-05	0.001158	1.22E-01	0.110768	0.00692	1.79E-05	0.001229	0.118935
3900	478863.09	3853377.25	0.75681	1.09217	1.01519	0.71075	6.86E-02	0.00462	1.9E-05	0.00165	0.07487	8.66E-02	0.005832	1.61E-05	0.000961	9.34E-02	0.08533	0.005016	1.32E-05	0.001021	0.09138

3901	479363.09	3853377.25	1.48932	2.3434	2.01039	1.14905	1.35E-01	0.00991	3.8E-05	0.00266	0.14758	1.70E-01	0.012513	3.2E-05	0.001554	1.84E-01	0.16792	0.010762	2.61E-05	0.00165	0.180358
3902	479863.09	3853377.25	3.13396	4.66864	3.91765	1.95236	2.84E-01	0.01975	7.3E-05	0.00452	0.30835	3.58E-01	0.024928	6.23E-05	0.00264	3.86E-01	0.353353	0.02144	5.09E-05	0.002804	0.377648
3903	480363.09	3853377.25	5.89055	7.14317	7.27312	4.35568	5.34E-01	0.03022	0.00014	0.01009	0.57426	6.74E-01	0.038141	0.000116	0.005889	7.18E-01	0.664157	0.032804	9.44E-05	0.006255	0.703311
3904	480863.09	3853377.25	7.38166	8.30009	8.39766	4.66225	6.69E-01	0.03511	0.00016	0.0108	0.71501	8.44E-01	0.044319	0.000133	0.006304	8.95E-01	0.83228	0.038117	0.000109	0.006695	0.877201
3905	481363.09	3853377.25	9.06654	11.187	9.09893	7.06079	8.22E-01	0.04733	0.00017	0.01635	0.88548	1.04E+00	0.059733	0.000145	0.009547	1.11E+00	1.022249	0.051375	0.000118	0.01014	1.083882
3906	481863.09	3853377.25	9.44852	10.96871	8.78561	8.82405	8.56E-01	0.0464	0.00016	0.02044	0.92325	1.08E+00	0.058568	0.00014	0.011931	1.15E+00	1.065317	0.050372	0.000114	0.012672	1.128476
3907	482363.09	3853377.25	11.94536	13.15369	9.30686	9.12687	1.08E+00	0.05565	0.00017	0.02114	1.15947	1.37E+00	0.070234	0.000148	0.012341	1.45E+00	1.346835	0.060407	0.000121	0.013107	1.420469
3908	482863.09	3853377.25	11.57331	16.79686	13.7693	13.98445	1.05E+00	0.07106	0.00026	0.03239	1.15251	1.32E+00	0.089687	0.000219	0.018908	1.43E+00	1.304887	0.077137	0.000179	0.020082	1.402285
3909	483363.09	3853377.25	11.18116	15.64873	13.59312	11.34005	1.01E+00	0.0662	0.00025	0.02627	1.10598	1.28E+00	0.083557	0.000216	0.015333	1.38E+00	1.260672	0.071865	0.000176	0.016285	1.348998
3910	483863.09	3853377.25	9.24235	15.11064	11.76316	6.38847	8.38E-01	0.06393	0.00022	0.0148	0.9165	1.06E+00	0.080684	0.000187	0.008638	1.15E+00	1.042072	0.069394	0.000153	0.009174	1.120792
3911	484363.09	3853377.25	7.54651	13.70622	10.18732	4.98707	6.84E-01	0.05798	0.00019	0.01155	0.75361	8.63E-01	0.073185	0.000162	0.006743	9.43E-01	0.850866	0.062944	0.000132	0.007162	0.921104
3912	484863.09	3853377.25	5.28126	11.42898	6.90414	2.56686	4.79E-01	0.04835	0.00013	0.00595	0.53302	6.04E-01	0.061025	0.00011	0.003471	6.69E-01	0.59546	0.052486	8.96E-05	0.003686	0.651722
3913	485363.09	3853377.25	1.97384	5.05921	2.56672	1.22728	1.79E-01	0.0214	4.8E-05	0.00284	0.20317	2.26E-01	0.027014	4.08E-05	0.001659	2.54E-01	0.22255	0.023234	3.33E-05	0.001762	0.247579
3914	485863.09	3853377.25	0.96737	3.21507	1.30968	0.79327	8.77E-02	0.0136	2.5E-05	0.00184	0.10313	1.11E-01	0.017167	2.08E-05	0.001073	1.29E-01	0.109071	0.014765	1.7E-05	0.001139	0.124992
3915	486363.09	3853377.25	0.89681	3.1229	1.20096	0.71897	8.13E-02	0.01321	2.2E-05	0.00167	0.09617	1.03E-01	0.016675	1.91E-05	0.000972	1.20E-01	0.101115	0.014342	1.56E-05	0.001032	0.116505
3916	486863.09	3853377.25	0.85939	2.93419	1.09641	0.63647	7.79E-02	0.01241	2.1E-05	0.00147	0.09179	9.83E-02	0.015667	1.74E-05	0.000861	1.15E-01	0.096896	0.013475	1.42E-05	0.000914	0.111299
3917	487363.09	3853377.25	0.89812	3.14713	1.14277	0.61548	8.14E-02	0.01331	2.1E-05	0.00143	0.09615	1.03E-01	0.016804	1.82E-05	0.000832	1.20E-01	0.101263	0.014453	1.48E-05	0.000884	0.116614
3918	487863.09	3853377.25	0.93795	3.22599	1.09989	0.58711	8.50E-02	0.01365	2.1E-05	0.00136	0.10003	1.07E-01	0.017225	1.75E-05	0.000794	1.25E-01	0.105754	0.014815	1.43E-05	0.000843	0.121426
3919	488363.09	3853377.25	1.00477	3.33828	1.19203	0.57323	9.11E-02	0.01412	2.2E-05	0.00133	0.10653	1.15E-01	0.017825	1.89E-05	0.000775	1.34E-01	0.113287	0.015331	1.55E-05	0.000823	0.129457
3920	488863.09	3853377.25	0.93157	2.90932	1.15237	0.55707	8.44E-02	0.01231	2.2E-05	0.00129	0.09804	1.07E-01	0.015534	1.83E-05	0.000753	1.23E-01	0.105034	0.013361	1.5E-05	0.0008	0.11921
3921	489363.09	3853377.25	0.8978	2.78823	1.08003	0.53463	8.14E-02	0.0118	2E-05	0.00124	0.09441	1.03E-01	0.014888	1.72E-05	0.000723	1.18E-01	0.101227	0.012805	1.4E-05	0.000768	0.114813
3922	489863.09	3853377.25	0.78502	2.42967	0.95917	0.5136	7.11E-02	0.01028	1.8E-05	0.00119	0.08263	8.98E-02	0.012973	1.52E-05	0.000694	1.03E-01	0.088511	0.011158	1.25E-05	0.000738	0.100419
3923	490363.09	3853377.25	0.89718	2.71937	1.06816	0.551	8.13E-02	0.0115	2E-05	0.00128	0.0941	1.03E-01	0.01452	1.7E-05	0.000745	1.18E-01	0.101157	0.012488	1.39E-05	0.000791	0.11445
3924	490863.09	3853377.25	0.94784	2.70948	1.1353	0.54853	8.59E-02	0.01146	2.1E-05	0.00127	0.09865	1.08E-01	0.014467	1.8E-05	0.000742	1.24E-01	0.106869	0.012443	1.47E-05	0.000788	0.120114
3925	491363.09	3853377.25	1.00687	2.77958	1.19634	0.55827	9.12E-02	0.01176	2.2E-05	0.00129	0.10432	1.15E-01	0.014842	1.9E-05	0.000755	1.31E-01	0.113524	0.012765	1.55E-05	0.000802	0.127106
3926	491863.09	3853377.25	1.04862	2.83457	1.25828	0.55912	9.50E-02	0.01199	2.4E-05	0.0013	0.10834	1.20E-01	0.015135	2E-05	0.000756	1.36E-01	0.118232	0.013017	1.63E-05	0.000803	0.132068
3927	492363.09	3853377.25	1.14696	2.94241	1.42671	0.57426	1.04E-01	0.01245	2.7E-05	0.00133	0.11774	1.31E-01	0.015711	2.27E-05	0.000776	1.48E-01	0.129319	0.013513	1.85E-05	0.000825	0.143675
3928	492863.09	3853377.25	1.27192	3.16796	1.58948	0.61068	1.15E-01	0.0134	3E-05	0.00141	0.13011	1.45E-01	0.016915	2.53E-05	0.000826	1.63E-01	0.143409	0.014548	2.06E-05	0.000877	0.158855
3929	493363.09	3853377.25	1.25835	3.205	1.53904	0.60746	1.14E-01	0.01356	2.9E-05	0.00141	0.12903	1.44E-01	0.017113	2.45E-05	0.000821	1.62E-01	0.141879	0.014719	2E-05	0.000872	0.157489
3930	493863.09	3853377.25	1.19091	3.03598	1.53113	0.59688	1.08E-01	0.01284	2.9E-05	0.00138	0.12218	1.36E-01	0.016211	2.43E-05	0.000807	1.53E-01	0.134275	0.013942	1.99E-05	0.000857	0.149094
3931	494363.09	3853377.25	1.06016	2.66831	1.36879	0.55659	9.61E-02	0.01129	2.6E-05	0.00129	0.10868	1.21E-01	0.014247	2.18E-05	0.000753	1.36E-01	0.119533	0.012254	1.78E-05	0.000799	0.132604
3932	494863.09	3853377.25	0.91759	2.26148	1.15968	0.53134	8.32E-02	0.00957	2.2E-05	0.00123	0.09397	1.05E-01	0.012075	1.84E-05	0.000718	1.18E-01	0.103458	0.010386	1.51E-05	0.000763	0.114622
3933	495363.09	3853377.25	0.86078	2.14656	1.05465	0.51402	7.80E-02	0.00908	2E-05	0.00119	0.0883	9.85E-02	0.011462	1.68E-05	0.000695	1.11E-01	0.097053	0.009858	1.37E-05	0.000738	0.107662
3934	495863.09	3853377.25	0.76171	1.85869	0.92659	0.51484	6.90E-02	0.00786	1.7E-05	0.00119	0.0781	8.71E-02	0.009925	1.47E-05	0.000696	9.78E-02	0.085883	0.008536	1.2E-05	0.000739	0.09517
3935	496363.09	3853377.25	0.62375	1.51139	0.75441	0.53378	5.65E-02	0.00639	1.4E-05	0.00124	0.06417	7.13E-02	0.00807	1.2E-05	0.000722	8.01E-02	0.070328	0.006941	9.79E-06	0.000767	0.078045
3936	496863.09	3853377.25	0.44913	1.10801	0.57513	0.4877	4.07E-02	0.00469	1.1E-05	0.00113	0.04653	5.14E-02	0.005916	9.14E-06	0.000659	5.80E-02	0.050639	0.005088	7.47E-06	0.0007	0.056435
3937	497363.09	3853377.25	0.36409	0.80533	0.46166	0.44475	3.30E-02	0.00341	8.6E-06	0.00103	0.03744	4.16E-02	0.0043	7.34E-06	0.000601	4.66E-02	0.041051	0.003698	5.99E-06	0.000639	0.045394
3938	497863.09	3853377.25	0.29985	0.47364	0.36585	0.35404	2.72E-02	0.002	6.8E-06	0.00082	0.03	3.43E-02	0.002529	5.81E-06	0.000479	3.73E-02	0.033808	0.002175	4.75E-06	0.000508	0.036496
3939	498363.09	3853377.25	0.21507	0.35482	0.27642	0.27887	1.95E-02	0.0015	5.2E-06	0.00065	0.02164	2.46E-02	0.001895	4.39E-06	0.000377	2.69E-02	0.024249	0.001629	3.59E-06	0.0004	0.026283
3940	471363.09	3853877.25	1.25099	1.91512	1.68966	0.91556	1.13E-01	0.0081	3.2E-05	0.00212	0.12362	1.43E-01	0.010226	2.69E-05	0.001238	1.55E-01	0.141049	0.008795	2.19E-05	0.001315	0.15118
3941	471863.09	3853877.25	1.42925	2.0077	1.96294	1.02483	1.30E-01	0.00849	3.7E-05	0.00237	0.14043	1.63E-01	0.01072	3.12E-05	0.001386	1.76E-01	0.161147	0.00922	2.55E-05	0.001472	0.171865
3942	472363.09	3853877.25	1.53317	2.03344	2.07742	1.05566	1.39E-01	0.0086	3.9E-05	0.00245	0.15003	1.75E-01	0.010858	3.3E-05	0.001427	1.88E-01	0.172864	0.009338	2.7E-05	0.001516	0.183746
3943	472863.09	3853877.25	1.66805	2.1028	2.16397	1.1456	1.51E-01	0.0089	4.1E-05	0.00265	0.16275	1.91E-01	0.011228	3.44E-05	0.001549	2.04E-01	0.188072	0.009657	2.81E-05	0.001645	0.199402
3944	473363.09	3853877.25	1.7299	2.12856	2.28829	1.15326	1.57E-01	0.009	4.3E-05	0.00267	0.16849	1.98E-01	0.011365	3.64E-05	0.001559	2.11E-01	0.195046	0.009775	2.97E-05	0.001656	0.206507
3945	473863.09	3853877.25	1.78726	2.47126	2.3551	1.16476	1.62E-01	0.01045	4.4E-05	0.0027	0.17516	2.04E-01	0.013195	3.74E-05	0.001575	2.19E-01	0.201513	0.011349	3.06E-05	0.001673	0.214565
3946	474363.09	3853877.25	1.91667	2.48629	2.49771	1.18985	1.74E-01	0.01052	4.7E-05	0.00276	0.18701	2.19E-01	0.013276	3.97E-05	0.001609	2.34E-01	0.216104	0.011418	3.24E-05	0.001709	0.229263
3947	474863.09	3853877.25	1.96572	2.64424	2.62778	1.2161	1.78E-01	0.01119	4.9E-05	0.00282	0.19219	2.25E-01	0.014119	4.18E-05	0.001644	2.41E-01	0.221634	0.012143	3.41E-05	0.001746	0.235558
3948	475363.09	3853877.25	1.84343	2.66568	2.40479	1.09741	1.67E-01	0.01128	4.5E-05	0.00254	0.18092	2.11E-01	0.014233	3.82E-05	0.001484	2.27E-01	0.207846	0.012242	3.12E-05	0.001576	0.221695
3949	475863.09	3853877.25	1.31972	2.27053	1.78882	0.87046	1.20E-01	0.00961	3.3E-05	0.00202	0.13125	1.51E-01	0.012124	2.84E-05	0.001177	1.64E-01	0.148798	0.010427	2.32E-05	0.00125	0.160498
3950	476363.09	3853877.25	0.9356	1.73862	1.29574	0.74303	8.48E-02	0.00736	2.4E-05	0.00172	0.09389	1.07E-01	0.009283	2.06E-05	0.001005	1.17E-01	0.105489	0.007984	1.68E-05	0.001067	0.114557
3951	476863.09	3853877.25	0.66237	1.20501	0.93993	0.61484	6.00E-02	0.0051	1.8E-05	0.00142	0.06656	7.58E-02	0.006434	1.49E-05	0.000831	8.30E-02	0.074682	0.005534	1.22E-05	0.000883	0.081111
3952	477363.09	3853877.25	0.73144	1.36662	1.02372	0.67659	6.63E-02	0.00578	1.9E-05	0.00157	0.07365	8.37E-02	0.007297	1.63E-05	0.000915	9.19E-02	0.08247	0.006276	1.33E-05	0.000972	0.089731
3953	477863.09	3853877.25	0.85656	1.64623	1.21029	0.76478	7.76E-02	0.00696	2.3E-05	0.00177	0.08638	9.80E-02	0.00879	1.92E-05	0.001034	1.08E-01	0.096577	0.00756	1.57E-05	0.001098	0.105251
3954	478363.09	3853877.25	0.91004	1.72064	1.28032	0.81827	8.25E-02	0.00728	2.4E-05	0.0019	0.09167	1.04E-01	0.009187	2.03E-05	0.001106	1.14E-01	0.102607	0.007902	1.66E-05	0.001175	0.1117
3955	478863.09	3853877.25	0.62895	1.09252	0.89598	0.64795	5.70E-02	0.00462	1.7E-05	0.0015	0.06314	7.19E-02	0.005834	1.42E-05	0.000876	7.87E-02	0.070914	0.005017	1.16E-05	0.00093	0.076873
3956	479363.09	3853877.25	0.89818	1.5532	1.26732	0.84807	8.14E-02	0.00657	2.4E-05	0.00196	0.08995	1.03E-01	0.008293	2.01E-05	0.001147	1.12E-01	0.101269	0.007133	1.65E-05	0.001218	0.109637
3957	479863.09	3853877.25	2.20737	4.08657	2.92156	1.44663	2.00E-01	0.01729	5.5E-05	0.00335	0.22073	2.52E-01	0.02182	4.64E-05	0.001956	2.76E-01	0.24888	0.018767	3.79E-05	0.002077	0.269763
3958	480363.09	3853877.25	4.09925	6.32636	5.31303	2.22365	3.71E-01	0.02676	9.9E-05	0.00515	0.4035	4.69E-01	0.03378	8.44E-05	0.003007	5.06E-01	0.462189	0.029053	6.9E-05	0.003193	0.494504
3959	480863.09	3853877.25	6.83256	10.48913	7.30595	5.02232	6.19E-01	0.04437	0.00014	0.01163	0.67532	7.81E-01	0.056007	0.000116	0.006791	8.44E-01	0.770369	0.04817	9.48E-05	0.007212	0.825846
3960	481363.09	3853877.25	7.73746	11.24585	9.26538	7.15123	7.01E-01	0.04758	0.00017	0.01656	0.7655	8.85E-01	0.060047	0.000147	0.009669	9.55E-01	0.872396	0.051645	0.00012	0.01027	0.934431
3961	481863.09	3853877.25	8.94284	10.88584	9.67507	9.78325	8.10E-01	0.04605	0.00018	0.02266	0.87931	1.02E+00	0.058125	0.000154	0.013228	1.09E+00	1.008302	0.049992	0.000126	0.014049	1.072469

3962	482363.09	3853877.25	12.42075	15.30019	11.19817	9.95073		1.13E+00	0.06473	0.00021	0.02305	1.21358		1.42E+00	0.081696	0.000178	0.013454	1.52E+00		1.400435	0.070264	0.000145	0.01429	1.485135
3963	482863.09	3853877.25	17.50358	18.99666	12.31309	11.26378		1.59E+00	0.08037	0.00023	0.02609	1.6929		2.00E+00	0.101433	0.000196	0.01523	2.12E+00		1.973523	0.08724	0.00016	0.016175	2.077098
3964	483363.09	3853877.25	14.40343	24.49474	18.0786	13.24678		1.31E+00	0.10363	0.00034	0.03068	1.43991		1.65E+00	0.13079	0.000287	0.017911	1.80E+00		1.623982	0.112489	0.000235	0.019023	1.755728
3965	483863.09	3853877.25	13.74908	21.01501	17.76114	11.77637		1.25E+00	0.0889	0.00033	0.02728	1.36248		1.57E+00	0.11221	0.000282	0.015923	1.70E+00		1.550204	0.096509	0.000231	0.016911	1.663855
3966	484363.09	3853877.25	10.12163	18.25911	13.73951	5.17073		9.17E-01	0.07725	0.00026	0.01198	1.00672		1.16E+00	0.097495	0.000218	0.006991	1.26E+00		1.14121	0.083853	0.000178	0.007425	1.232667
3967	484863.09	3853877.25	5.00791	10.43117	6.43572	2.32631		4.54E-01	0.04413	0.00012	0.00539	0.50347		5.73E-01	0.055697	0.000102	0.003145	6.32E-01		0.56464	0.047904	8.35E-05	0.003341	0.615968
3968	485363.09	3853877.25	1.55938	4.54237	2.04108	1.21376		1.41E-01	0.01922	3.8E-05	0.00281	0.16338		1.78E-01	0.024254	3.24E-05	0.001641	2.04E-01		0.17582	0.02086	2.65E-05	0.001743	0.198449
3969	485863.09	3853877.25	1.56588	4.99616	2.10443	1.03206		1.42E-01	0.02114	3.9E-05	0.00239	0.16547		1.79E-01	0.026677	3.34E-05	0.001395	2.07E-01		0.176552	0.022944	2.73E-05	0.001482	0.201006
3970	486363.09	3853877.25	1.32247	4.80135	1.68156	0.86602		1.20E-01	0.02031	3.1E-05	0.00201	0.14219		1.51E-01	0.025637	2.67E-05	0.001171	1.78E-01		0.149108	0.02205	2.18E-05	0.001244	0.172423
3971	486863.09	3853877.25	1.16876	4.15491	1.35999	0.74198		1.06E-01	0.01758	2.5E-05	0.00172	0.12524		1.34E-01	0.022185	2.16E-05	0.001003	1.57E-01		0.131777	0.019081	1.77E-05	0.001066	0.151941
3972	487363.09	3853877.25	1.21808	4.20508	1.45173	0.69118		1.10E-01	0.01779	2.7E-05	0.0016	0.1298		1.39E-01	0.022453	2.31E-05	0.000935	1.63E-01		0.137338	0.019311	1.88E-05	0.000993	0.157661
3973	487863.09	3853877.25	1.65383	5.07961	1.83588	0.72766		1.50E-01	0.02149	3.4E-05	0.00169	0.17308		1.89E-01	0.027123	2.92E-05	0.000984	2.17E-01		0.186469	0.023327	2.38E-05	0.001045	0.210865
3974	488363.09	3853877.25	1.74976	5.33982	2.00269	0.71897		1.59E-01	0.02259	3.7E-05	0.00167	0.18286		2.00E-01	0.028512	3.18E-05	0.000972	2.30E-01		0.197285	0.024522	2.6E-05	0.001032	0.222866
3975	488863.09	3853877.25	1.96123	5.89151	2.31884	0.7607		1.78E-01	0.02492	4.3E-05	0.00176	0.20446		2.24E-01	0.031458	3.69E-05	0.001029	2.57E-01		0.221128	0.027056	3.01E-05	0.001092	0.249307
3976	489363.09	3853877.25	1.68526	4.93009	1.91187	0.70461		1.53E-01	0.02086	3.6E-05	0.00163	0.17525		1.93E-01	0.026324	3.04E-05	0.000953	2.20E-01		0.190012	0.022641	2.48E-05	0.001012	0.21369
3977	489863.09	3853877.25	1.69742	4.73136	1.99293	0.71102		1.54E-01	0.02002	3.7E-05	0.00165	0.17552		1.94E-01	0.025263	3.17E-05	0.000961	2.20E-01		0.191384	0.021728	2.59E-05	0.001021	0.214159
3978	490363.09	3853877.25	1.57545	4.2227	1.88999	0.69446		1.43E-01	0.01786	3.5E-05	0.00161	0.16228		1.80E-01	0.022547	3E-05	0.000939	2.04E-01		0.177631	0.019392	2.45E-05	0.000997	0.198045
3979	490863.09	3853877.25	1.52846	4.04509	1.94175	0.69085		1.39E-01	0.01711	3.6E-05	0.0016	0.15726		1.75E-01	0.021599	3.09E-05	0.000934	1.97E-01		0.172333	0.018577	2.52E-05	0.000992	0.191927
3980	491363.09	3853877.25	1.57002	4.09224	1.9636	0.69175		1.42E-01	0.01731	3.7E-05	0.0016	0.16123		1.80E-01	0.021851	3.12E-05	0.000935	2.02E-01		0.177019	0.018793	2.55E-05	0.000993	0.196831
3981	491863.09	3853877.25	1.55526	4.11969	1.96695	0.68741		1.41E-01	0.01743	3.7E-05	0.00159	0.16		1.78E-01	0.021997	3.13E-05	0.000929	2.01E-01		0.175355	0.018919	2.55E-05	0.000987	0.195287
3982	492363.09	3853877.25	1.6781	4.53276	2.18951	0.74306		1.52E-01	0.01918	4.1E-05	0.00172	0.17301		1.92E-01	0.024203	3.48E-05	0.001005	2.17E-01		0.189205	0.020816	2.84E-05	0.001067	0.211117
3983	492863.09	3853877.25	1.69301	4.60021	2.23136	0.78653		1.53E-01	0.01946	4.2E-05	0.00182	0.17475		1.94E-01	0.024563	3.55E-05	0.001063	2.19E-01		0.190886	0.021126	2.9E-05	0.001129	0.213171
3984	493363.09	3853877.25	1.58706	3.85602	2.10201	0.75627		1.44E-01	0.01631	3.9E-05	0.00175	0.16193		1.82E-01	0.020589	3.34E-05	0.001023	2.03E-01		0.17894	0.017708	2.73E-05	0.001086	0.197762
3985	493863.09	3853877.25	1.46389	3.59045	1.91072	0.7333		1.33E-01	0.01519	3.6E-05	0.0017	0.14958		1.67E-01	0.019171	3.04E-05	0.000992	1.88E-01		0.165053	0.016489	2.48E-05	0.001053	0.18262
3986	494363.09	3853877.25	1.37137	3.33591	1.7979	0.71886		1.24E-01	0.01411	3.4E-05	0.00167	0.14009		1.57E-01	0.017812	2.86E-05	0.000972	1.76E-01		0.154621	0.01532	2.33E-05	0.001032	0.170997
3987	494863.09	3853877.25	1.18311	2.90079	1.55851	0.67109		1.07E-01	0.01227	2.9E-05	0.00155	0.12107		1.35E-01	0.015489	2.48E-05	0.000907	1.52E-01		0.133395	0.013322	2.02E-05	0.000964	0.147701
3988	495363.09	3853877.25	0.84582	2.08012	1.06619	0.61075		7.66E-02	0.0088	2E-05	0.00141	0.08688		9.67E-02	0.011107	1.69E-05	0.000826	1.09E-01		0.095366	0.009553	1.38E-05	0.000877	0.10581
3989	495863.09	3853877.25	0.633	1.54693	0.7737	0.52612		5.74E-02	0.00654	1.4E-05	0.00122	0.06514		7.24E-02	0.00826	1.23E-05	0.000711	8.14E-02		0.071371	0.007104	1E-05	0.000756	0.07924
3990	496363.09	3853877.25	0.5285	1.28847	0.64983	0.48098		4.79E-02	0.00545	1.2E-05	0.00111	0.05447		6.04E-02	0.00688	1.03E-05	0.00065	6.80E-02		0.059588	0.005917	8.44E-06	0.000691	0.066204
3991	496863.09	3853877.25	0.41214	0.92836	0.51992	0.46649		3.73E-02	0.00393	9.7E-06	0.00108	0.04237		4.71E-02	0.004957	8.26E-06	0.000631	5.27E-02		0.046469	0.004263	6.75E-06	0.00067	0.051409
3992	497363.09	3853877.25	0.37488	0.74342	0.479	0.44157		3.40E-02	0.00315	9E-06	0.00102	0.03815		4.29E-02	0.00397	7.61E-06	0.000597	4.75E-02		0.042268	0.003414	6.22E-06	0.000634	0.046322
3993	497863.09	3853877.25	0.32673	0.55511	0.43937	0.394		2.96E-02	0.00235	8.2E-06	0.00091	0.03288		3.74E-02	0.002964	6.98E-06	0.000533	4.09E-02		0.036839	0.002549	5.7E-06	0.000566	0.039959
3994	498363.09	3853877.25	0.30067	0.44666	0.40688	0.32677		2.72E-02	0.00189	7.6E-06	0.00076	0.0299		3.44E-02	0.002385	6.47E-06	0.000442	3.72E-02		0.0339	0.002051	5.28E-06	0.000469	0.036426
3995	471363.09	3854377.25	1.29373	1.9802	1.6339	0.92088		1.17E-01	0.00838	3.1E-05	0.00213	0.12778		1.48E-01	0.010573	2.6E-05	0.001245	1.60E-01		0.145868	0.009094	2.12E-05	0.001322	0.156305
3996	471863.09	3854377.25	1.40518	2.33414	1.82201	1.01882		1.27E-01	0.00987	3.4E-05	0.00236	0.13961		1.61E-01	0.012463	2.9E-05	0.001378	1.75E-01		0.158434	0.010719	2.37E-05	0.001463	0.17064
3997	472363.09	3854377.25	1.49161	2.579	1.88383	1.0846		1.35E-01	0.01091	3.5E-05	0.00251	0.14863		1.71E-01	0.013771	2.99E-05	0.001466	1.86E-01		0.168179	0.011844	2.45E-05	0.001558	0.181604
3998	472863.09	3854377.25	1.54055	2.57836	1.96121	1.09992		1.40E-01	0.01091	3.7E-05	0.00255	0.1531		1.76E-01	0.013767	3.12E-05	0.001487	1.91E-01		0.173696	0.011841	2.55E-05	0.00158	0.187142
3999	473363.09	3854377.25	1.62464	2.53345	2.11324	1.13877		1.47E-01	0.01072	4E-05	0.00264	0.16062		1.86E-01	0.013527	3.36E-05	0.00154	2.01E-01		0.183178	0.011635	2.74E-05	0.001635	0.196475
4000	473863.09	3854377.25	1.75548	2.92744	2.28129	1.21399		1.59E-01	0.01238	4.3E-05	0.00281	0.17432		2.01E-01	0.015631	3.63E-05	0.001641	2.18E-01		0.19793	0.013444	2.96E-05	0.001743	0.213147
4001	474363.09	3854377.25	1.90502	2.8673	2.53791	1.26755		1.73E-01	0.01213	4.8E-05	0.00294	0.18775		2.18E-01	0.01531	4.03E-05	0.001714	2.35E-01		0.21479	0.013168	3.29E-05	0.00182	0.229811
4002	474863.09	3854377.25	1.77803	2.87492	2.41978	1.11072		1.61E-01	0.01216	4.5E-05	0.00257	0.17591		2.03E-01	0.015351	3.85E-05	0.001502	2.20E-01		0.200472	0.013203	3.14E-05	0.001595	0.215301
4003	475363.09	3854377.25	1.38851	2.27385	1.90416	0.84732		1.26E-01	0.00962	3.6E-05	0.00196	0.13745		1.59E-01	0.012141	3.03E-05	0.001146	1.72E-01		0.156554	0.010442	2.47E-05	0.001217	0.168238
4004	475863.09	3854377.25	0.70424	1.36713	1.0011	0.59785		6.38E-02	0.00578	1.9E-05	0.00138	0.07101		8.05E-02	0.0073	1.59E-05	0.000808	8.87E-02		0.079403	0.006278	1.3E-05	0.000859	0.086553
4005	476363.09	3854377.25	0.5975	1.17218	0.82015	0.55094		5.41E-02	0.00496	1.5E-05	0.00128	0.0604		6.83E-02	0.006259	1.3E-05	0.000745	7.54E-02		0.067368	0.005383	1.06E-05	0.000791	0.073553
4006	476863.09	3854377.25	0.56227	1.1274	0.77473	0.53137		5.10E-02	0.00477	1.5E-05	0.00123	0.05697		6.43E-02	0.00602	1.23E-05	0.000718	7.11E-02		0.063396	0.005177	1.01E-05	0.000763	0.069346
4007	477363.09	3854377.25	0.558	1.08042	0.76026	0.53083		5.06E-02	0.00457	1.4E-05	0.00123	0.05638		6.38E-02	0.005769	1.21E-05	0.000718	7.03E-02		0.062914	0.004962	9.87E-06	0.000762	0.068648
4008	477863.09	3854377.25	0.56026	1.05903	0.76791	0.55341		5.08E-02	0.00448	1.4E-05	0.00128	0.05655		6.41E-02	0.005655	1.22E-05	0.000748	7.05E-02		0.063169	0.004863	9.97E-06	0.000795	0.068837
4009	478363.09	3854377.25	0.64887	1.25583	0.91211	0.62507		5.88E-02	0.00531	1.7E-05	0.00145	0.06558		7.42E-02	0.006706	1.45E-05	0.000845	8.18E-02		0.07316	0.005767	1.18E-05	0.000898	0.079837
4010	478863.09	3854377.25	0.69546	1.39439	0.9905	0.68034		6.30E-02	0.0059	1.9E-05	0.00158	0.07052		7.95E-02	0.007445	1.57E-05	0.00092	8.79E-02		0.078413	0.006404	1.29E-05	0.000977	0.085806
4011	479363.09	3854377.25	1.14808	2.4483	1.65086	0.95317		1.04E-01	0.01036	3.1E-05	0.00221	0.11664		1.31E-01	0.013073	2.62E-05	0.001289	1.46E-01		0.129446	0.011244	2.14E-05	0.001369	0.142079
4012	479863.09	3854377.25	1.68713	3.41091	2.36829	1.20036		1.53E-01	0.01443	4.4E-05	0.00278	0.17015		1.93E-01	0.018213	3.76E-05	0.001623	2.13E-01		0.190223	0.015664	3.07E-05	0.001724	0.207642
4013	480363.09	3854377.25	3.04935	5.82741	4.10693	1.67105		2.76E-01	0.02465	7.7E-05	0.00387	0.30494		3.49E-01	0.031116	6.53E-05	0.002259	3.82E-01		0.343813	0.026762	5.33E-05	0.0024	0.373028
4014	480863.09	3854377.25	5.65601	11.86449	7.02305	2.87489		5.13E-01	0.05019	0.00013	0.00666	0.56954		6.47E-01	0.063351	0.000112	0.003887	7.14E-01		0.637713	0.054486	9.12E-05	0.004128	0.696419
4015	481363.09	3854377.25	7.42564	15.47839	8.58978	5.09646		6.73E-01	0.06548	0.00016	0.0118	0.75037		8.49E-01	0.082647	0.000137	0.006891	9.39E-01		0.837238	0.071083	0.000111	0.007319	0.915751
4016	481863.09	3854377.25	7.48162	15.19059	8.70652	8.86956		6.78E-01	0.06426	0.00016	0.02054	0.76297		8.56E-01	0.08111	0.000138	0.011993	9.49E-01		0.84355	0.069761	0.000113	0.012737	0.926161
4017	482363.09	3854377.25	8.31968	16.99868	10.05975	10.78824		7.54E-01	0.07191	0.00019	0.02499	0.85104		9.52E-01	0.090765	0.00016	0.014587	1.06E+00		0.938041	0.078064	0.000131	0.015492	1.031728
4018	482863.09	3854377.25	13.11623	20.80265	11.51928	10.32086		1.19E+00	0.08801	0.00022	0.02391	1.30075		1.50E+00	0.111076	0.000183	0.013955	1.63E+00		1.47885	0.095533	0.00015	0.014821	1.589355
4019	483363.09	3854377.25	17.43471	32.38996	17.29103	11.96744		1.58E+00	0.13703	0.00032	0.02772	1.74504		1.99E+00	0.172947	0.000275	0.016181	2.18E+00		1.965758	0.148747	0.000224	0.017186	2.131915
4020	483863.09	3854377.25	18.61322	40.28267	24.87613	9.47129		1.69E+00	0.17042	0.00047	0.02194	1.87959		2.13E+00	0.21509	0.000395	0.012806	2.36E+00		2.098634	0.184993	0.000323	0.013601	2.297551
4021	484363.09	3854377.25	11.72437	15.7252	15.2195	6.14863		1.06E+00	0.06653	0.00028	0.01424	1.14354		1.34E+00	0.083965	0.000242	0.008314	1.43E+00		1.321919	0.072216	0.000198	0.00883	1.403162
4022	484863.09	3854377.25	3.41918	7.17594	4.47278	2.30573		3.10E-01	0.03036	8.4E-05	0.00534	0.34564		3.91E-01	0.038316	7.11E-05	0.003118	4.33E-01		0.385511	0.032955	5.81E-05	0.003311	0.421835

4023	485363.09	3854377.25	4.21093	10.64607	4.88623	1.93276		3.82E-01	0.04504	9.1E-05	0.00448	0.43121		4.82E-01	0.056845	7.77E-05	0.002613	5.41E-01		0.474781	0.048891	6.34E-05	0.002776	0.526511
4024	485863.09	3854377.25	2.00758	6.68639	2.53826	1.24954		1.82E-01	0.02829	4.8E-05	0.00289	0.21316		2.30E-01	0.035702	4.03E-05	0.00169	2.67E-01		0.226354	0.030706	3.29E-05	0.001794	0.258888
4025	486363.09	3854377.25	2.4226	7.38535	2.69129	1.08765		2.20E-01	0.03124	5E-05	0.00252	0.25335		2.77E-01	0.039434	4.28E-05	0.001471	3.18E-01		0.273147	0.033916	3.49E-05	0.001562	0.30866
4026	486863.09	3854377.25	2.05975	6.4088	2.22037	0.92046		1.87E-01	0.02711	4.2E-05	0.00213	0.21594		2.36E-01	0.03422	3.53E-05	0.001245	2.71E-01		0.232236	0.029432	2.88E-05	0.001322	0.263018
4027	487363.09	3854377.25	2.31416	6.78232	2.5392	0.88577		2.10E-01	0.02869	4.8E-05	0.00205	0.24051		2.65E-01	0.036214	4.04E-05	0.001198	3.02E-01		0.260921	0.031147	3.3E-05	0.001272	0.293373
4028	487863.09	3854377.25	2.79094	7.92406	3.12599	0.92329		2.53E-01	0.03352	5.9E-05	0.00214	0.28864		3.19E-01	0.042311	4.97E-05	0.001248	3.63E-01		0.314678	0.03639	4.06E-05	0.001326	0.352434
4029	488363.09	3854377.25	2.88932	8.34362	3.41213	0.93152		2.62E-01	0.0353	6.4E-05	0.00216	0.29936		3.30E-01	0.044551	5.42E-05	0.00126	3.76E-01		0.32577	0.038317	4.43E-05	0.001338	0.365469
4030	488863.09	3854377.25	2.86885	7.9274	3.45099	0.95095		2.60E-01	0.03354	6.5E-05	0.0022	0.29579		3.28E-01	0.042329	5.48E-05	0.001286	3.72E-01		0.323462	0.036406	4.48E-05	0.001366	0.361278
4031	489363.09	3854377.25	2.74435	7.89442	3.42229	0.96566		2.49E-01	0.0334	6.4E-05	0.00224	0.2844		3.14E-01	0.042152	5.44E-05	0.001306	3.57E-01		0.309425	0.036254	4.44E-05	0.001387	0.34711
4032	489863.09	3854377.25	2.58722	7.10931	3.33509	0.96297		2.34E-01	0.03008	6.2E-05	0.00223	0.26683		2.96E-01	0.03796	5.3E-05	0.001302	3.35E-01		0.291708	0.032649	4.33E-05	0.001383	0.325783
4033	490363.09	3854377.25	2.37699	6.33383	3.08055	0.92453		2.15E-01	0.0268	5.8E-05	0.00214	0.2444		2.72E-01	0.03382	4.9E-05	0.00125	3.07E-01		0.268005	0.029087	4E-05	0.001328	0.29846
4034	490863.09	3854377.25	1.55314	4.27005	1.88135	0.75116		1.41E-01	0.01806	3.5E-05	0.00174	0.16059		1.78E-01	0.0228	2.99E-05	0.001016	2.01E-01		0.175116	0.01961	2.44E-05	0.001079	0.195829
4035	491363.09	3854377.25	1.91003	5.11771	2.39424	0.82525		1.73E-01	0.02165	4.5E-05	0.00191	0.1967		2.18E-01	0.027326	3.81E-05	0.001116	2.47E-01		0.215355	0.023502	3.11E-05	0.001185	0.240074
4036	491863.09	3854377.25	2.11754	5.82206	2.84989	0.92382		1.92E-01	0.02463	5.3E-05	0.00214	0.21872		2.42E-01	0.031087	4.53E-05	0.001249	2.75E-01		0.238752	0.026737	3.7E-05	0.001327	0.266853
4037	492363.09	3854377.25	2.21022	5.48028	2.94773	1.0152		2.00E-01	0.02318	5.5E-05	0.00235	0.22589		2.53E-01	0.029262	4.68E-05	0.001373	2.83E-01		0.249202	0.025167	3.83E-05	0.001458	0.275865
4038	492863.09	3854377.25	2.09881	5.21439	2.83032	1.01473		1.90E-01	0.02206	5.3E-05	0.00235	0.21466		2.40E-01	0.027842	4.5E-05	0.001372	2.69E-01		0.23664	0.023946	3.67E-05	0.001457	0.26208
4039	493363.09	3854377.25	1.89786	4.91823	2.55681	0.9348		1.72E-01	0.02081	4.8E-05	0.00217	0.19501		2.17E-01	0.026261	4.06E-05	0.001264	2.45E-01		0.213983	0.022586	3.32E-05	0.001342	0.237945
4040	493863.09	3854377.25	1.72049	4.24358	2.2897	0.84507		1.56E-01	0.01795	4.3E-05	0.00196	0.17587		1.97E-01	0.022659	3.64E-05	0.001143	2.21E-01		0.193985	0.019488	2.97E-05	0.001214	0.214716
4041	494363.09	3854377.25	1.53579	3.66684	2.03058	0.79631		1.39E-01	0.01551	3.8E-05	0.00184	0.15657		1.76E-01	0.019579	3.23E-05	0.001077	1.96E-01		0.17316	0.016839	2.64E-05	0.001144	0.191169
4042	494863.09	3854377.25	0.99373	2.45944	1.25367	0.66534		9.01E-02	0.0104	2.3E-05	0.00154	0.10202		1.14E-01	0.013132	1.99E-05	0.0009	1.28E-01		0.112043	0.011295	1.63E-05	0.000955	0.124309
4043	495363.09	3854377.25	0.55985	1.42399	0.71041	0.56426		5.07E-02	0.00602	1.3E-05	0.00131	0.05808		6.40E-02	0.007603	1.13E-05	0.000763	7.24E-02		0.063123	0.006539	9.22E-06	0.00081	0.070482
4044	495863.09	3854377.25	0.45384	1.03199	0.5763	0.53756		4.11E-02	0.00437	1.1E-05	0.00125	0.04675		5.19E-02	0.00551	9.16E-06	0.000727	5.82E-02		0.05117	0.004739	7.48E-06	0.000772	0.056689
4045	496363.09	3854377.25	0.42476	0.90296	0.53873	0.48048		3.85E-02	0.00382	1E-05	0.00111	0.04344		4.86E-02	0.004821	8.56E-06	0.00065	5.41E-02		0.047892	0.004147	6.99E-06	0.00069	0.052735
4046	496863.09	3854377.25	0.38998	0.75217	0.50092	0.45989		3.53E-02	0.00318	9.4E-06	0.00107	0.0396		4.46E-02	0.004016	7.96E-06	0.000622	4.93E-02		0.04397	0.003454	6.5E-06	0.00066	0.048091
4047	497363.09	3854377.25	0.32731	0.57486	0.43926	0.41332		2.97E-02	0.00243	8.2E-06	0.00096	0.03306		3.74E-02	0.003069	6.98E-06	0.000559	4.11E-02		0.036904	0.00264	5.7E-06	0.000594	0.040143
4048	497863.09	3854377.25	0.32616	0.56416	0.43944	0.42049		2.96E-02	0.00239	8.2E-06	0.00097	0.03293		3.73E-02	0.003012	6.98E-06	0.000569	4.09E-02		0.036774	0.002591	5.7E-06	0.000604	0.039975
4049	498363.09	3854377.25	0.30704	0.486	0.40732	0.37635		2.78E-02	0.00206	7.6E-06	0.00087	0.03076		3.51E-02	0.002595	6.47E-06	0.000509	3.82E-02		0.034619	0.002232	5.29E-06	0.00054	0.037396
4050	471363.09	3854877.25	1.2989	1.9695	1.71266	0.97153		1.18E-01	0.00833	3.2E-05	0.00225	0.12832		1.49E-01	0.010516	2.72E-05	0.001314	1.60E-01		0.146451	0.009045	2.22E-05	0.001395	0.156913
4051	471863.09	3854877.25	1.39404	2.12258	1.82331	1.03205		1.26E-01	0.00898	3.4E-05	0.00239	0.13773		1.59E-01	0.011334	2.9E-05	0.001395	1.72E-01		0.157178	0.009748	2.37E-05	0.001482	0.168431
4052	472363.09	3854877.25	1.46129	2.235	1.90808	1.06027		1.32E-01	0.00946	3.6E-05	0.00246	0.14437		1.67E-01	0.011934	3.03E-05	0.001434	1.81E-01		0.16476	0.010264	2.48E-05	0.001523	0.176571
4053	472863.09	3854877.25	1.47134	2.2559	1.93333	1.01848		1.33E-01	0.00954	3.6E-05	0.00236	0.14527		1.68E-01	0.012045	3.07E-05	0.001377	1.82E-01		0.165893	0.01036	2.51E-05	0.001463	0.177741
4054	473363.09	3854877.25	1.58697	2.40638	2.10252	1.11158		1.44E-01	0.01018	3.9E-05	0.00257	0.15661		1.82E-01	0.012849	3.34E-05	0.001503	1.96E-01		0.17893	0.011051	2.73E-05	0.001596	0.191605
4055	473863.09	3854877.25	1.68185	2.81207	2.23977	1.20247		1.52E-01	0.0119	4.2E-05	0.00279	0.16714		1.92E-01	0.015015	3.56E-05	0.001626	2.09E-01		0.189628	0.012914	2.91E-05	0.001727	0.204298
4056	474363.09	3854877.25	1.82041	3.30788	2.416	1.33972		1.65E-01	0.01399	4.5E-05	0.0031	0.18211		2.08E-01	0.017662	3.84E-05	0.001811	2.28E-01		0.205251	0.015191	3.14E-05	0.001924	0.222397
4057	474863.09	3854877.25	1.45613	2.76406	1.96649	0.88952		1.32E-01	0.01169	3.7E-05	0.00206	0.14575		1.67E-01	0.014759	3.13E-05	0.001203	1.83E-01		0.164178	0.012694	2.55E-05	0.001277	0.178175
4058	475363.09	3854877.25	0.93389	1.9554	1.26405	0.66831		8.46E-02	0.00827	2.4E-05	0.00155	0.09448		1.07E-01	0.010441	2.01E-05	0.000904	1.18E-01		0.105296	0.00898	1.64E-05	0.00096	0.115252
4059	475863.09	3854877.25	0.5758	1.22906	0.81383	0.52148		5.22E-02	0.0052	1.5E-05	0.00121	0.0586		6.59E-02	0.006563	1.29E-05	0.000705	7.31E-02		0.064921	0.005644	1.06E-05	0.000749	0.071325
4060	476363.09	3854877.25	0.35165	0.65477	0.48231	0.39067		3.19E-02	0.00277	9E-06	0.0009	0.03555		4.02E-02	0.003496	7.67E-06	0.000528	4.43E-02		0.039648	0.003007	6.26E-06	0.000561	0.043223
4061	476863.09	3854877.25	0.34566	0.66759	0.47277	0.37909		3.13E-02	0.00282	8.9E-06	0.00088	0.03504		3.95E-02	0.003565	7.51E-06	0.000513	4.36E-02		0.038973	0.003066	6.14E-06	0.000544	0.042589
4062	477363.09	3854877.25	0.41384	0.84034	0.56513	0.43672		3.75E-02	0.00356	1.1E-05	0.00101	0.04208		4.73E-02	0.004487	8.98E-06	0.00059	5.24E-02		0.04666	0.003859	7.34E-06	0.000627	0.051154
4063	477863.09	3854877.25	0.48322	0.99631	0.66528	0.48393		4.38E-02	0.00421	1.2E-05	0.00112	0.04914		5.53E-02	0.00532	1.06E-05	0.000654	6.13E-02		0.054483	0.004575	8.64E-06	0.000695	0.059762
4064	478363.09	3854877.25	0.6431	1.37627	0.88299	0.60311		5.83E-02	0.00582	1.7E-05	0.0014	0.06551		7.36E-02	0.007349	1.4E-05	0.000815	8.17E-02		0.072509	0.00632	1.15E-05	0.000866	0.079707
4065	478863.09	3854877.25	0.92793	2.21671	1.31265	0.77588		8.41E-02	0.00938	2.5E-05	0.0018	0.09529		1.06E-01	0.011836	2.09E-05	0.001049	1.19E-01		0.104624	0.01018	1.7E-05	0.001114	0.115935
4066	479363.09	3854877.25	1.58526	3.72041	2.17947	1.01966		1.44E-01	0.01574	4.1E-05	0.00236	0.1618		1.81E-01	0.019865	3.46E-05	0.001379	2.03E-01		0.178738	0.017086	2.83E-05	0.001464	0.197316
4067	479863.09	3854877.25	2.68474	6.10406	3.72364	1.41797		2.43E-01	0.02582	7E-05	0.00328	0.27247		3.07E-01	0.032593	5.92E-05	0.001917	3.42E-01		0.302704	0.028032	4.83E-05	0.002036	0.33282
4068	480363.09	3854877.25	3.79328	8.40375	5.22089	1.91179		3.44E-01	0.03555	9.8E-05	0.00443	0.38383		4.34E-01	0.044872	8.3E-05	0.002585	4.81E-01		0.427691	0.038593	6.78E-05	0.002745	0.469097
4069	480863.09	3854877.25	5.55933	11.84701	7.25357	3.17413		5.04E-01	0.05012	0.00014	0.00735	0.5614		6.36E-01	0.063257	0.000115	0.004292	7.04E-01		0.626813	0.054406	9.42E-05	0.004558	0.685871
4070	481363.09	3854877.25	6.55636	14.83888	8.65865	4.30821		5.94E-01	0.06278	0.00016	0.00998	0.66707		7.50E-01	0.079233	0.000138	0.005825	8.35E-01		0.739227	0.068146	0.000112	0.006187	0.813672
4071	481863.09	3854877.25	7.25923	18.50734	9.63296	3.77101		6.58E-01	0.0783	0.00018	0.00873	0.74506		8.30E-01	0.09882	0.000153	0.005099	9.34E-01		0.818476	0.084993	0.000125	0.005415	0.909009
4072	482363.09	3854877.25	7.15034	19.18828	9.80671	10.70525		6.48E-01	0.08118	0.00018	0.0248	0.75413		8.18E-01	0.102456	0.000156	0.014475	9.35E-01		0.806198	0.08812	0.000127	0.015373	0.909819
4073	482863.09	3854877.25	8.0582	24.67655	10.99303	11.93264		7.30E-01	0.10439	0.00021	0.02764	0.86249		9.22E-01	0.131761	0.000175	0.016134	1.07E+00		0.908559	0.113324	0.000143	0.017136	1.039162
4074	483363.09	3854877.25	7.88486	29.62973	10.77021	10.55844		7.15E-01	0.12535	0.0002	0.02446	0.86455		9.02E-01	0.158209	0.000171	0.014276	1.07E+00		0.889015	0.136071	0.00014	0.015162	1.040388
4075	483863.09	3854877.25	19.18697	84.40226	21.2396	11.73116		1.74E+00	0.35706	0.0004	0.02717	2.1234		2.19E+00	0.450668	0.000338	0.015862	2.66E+00		2.163324	0.387607	0.000276	0.016847	2.568053
4076	484363.09	3854877.25	29.44343	58.75531	36.11449	9.35859		2.67E+00	0.24856	0.00068	0.02168	2.93914		3.37E+00	0.313725	0.000574	0.012654	3.69E+00		3.319737	0.269826	0.000469	0.013439	3.603471
4077	484863.09	3854877.25	19.8908	41.75518	21.46222	7.05414		1.80E+00	0.17665	0.0004	0.01634	1.99593		2.28E+00	0.222953	0.000341	0.009538	2.51E+00		2.242681	0.191755	0.000279	0.01013	2.444845
4078	485363.09	3854877.25	11.29193	28.99385	12.1862	3.53073		1.02E+00	0.12266	0.00023	0.00818	1.15436		1.29E+00	0.154813	0.000194	0.004774	1.45E+00		1.273161	0.133151	0.000158	0.00507	1.41154
4079	485863.09	3854877.25	6.9576	19.57769	7.70764	2.14748		6.31E-01	0.08282	0.00014	0.00497	0.71845		7.96E-01	0.104535	0.000122	0.002904	9.03E-01		0.784467	0.089908	0.0001	0.003084	0.877559
4080	486363.09	3854877.25	5.03369	14.38091	5.21908	1.51179		4.56E-01	0.06084	9.8E-05	0.0035	0.5206		5.76E-01	0.076787	8.29E-05	0.002044	6.55E-01		0.567547	0.066042	6.77E-05	0.002171	0.635828
4081	486863.09	3854877.25	4.03822	11.76798	4.24246	1.25416		3.66E-01	0.04978	7.9E-05	0.0029	0.41872		4.62E-01	0.062835	6.74E-05	0.001696	5.26E-01		0.455308	0.054043	5.51E-05	0.001801	0.511207
4082	487363.09	3854877.25	4.08833	12.25358	4.58092	1.21802		3.70E-01	0.05184	8.6E-05	0.00282	0.42524		4.68E-01	0.065428	7.28E-05	0.001647	5.35E-01		0.460958	0.056273	5.95E-05	0.001749	0.519039
4083	487863.09	3854877.25	4.02191	11.95641	4.88985	1.21952		3.64E-01	0.05058	9.2E-05	0.00282	0.41797		4.60E-01	0.063842	7.77E-05	0.001649	5.26E-01		0.453469	0.054908	6.35E-05	0.001751	0.510192

4084	488363.09	3854877.25	3.91752	11.47504	4.96508	1.23885	3.55E-01	0.04855	9.3E-05	0.00287	0.40652	4.48E-01	0.061271	7.89E-05	0.001675	5.11E-01	0.441699	0.052698	6.44E-05	0.001779	0.49624
4085	488863.09	3854877.25	4.01179	11.3292	5.23182	1.34069	3.64E-01	0.04793	9.8E-05	0.00311	0.41469	4.59E-01	0.060493	8.32E-05	0.001813	5.21E-01	0.452328	0.052028	6.79E-05	0.001925	0.506349
4086	489363.09	3854877.25	3.87331	10.79923	5.06881	1.38921	3.51E-01	0.04569	9.5E-05	0.00322	0.40001	4.43E-01	0.057663	8.06E-05	0.001878	5.03E-01	0.436714	0.049594	6.58E-05	0.001995	0.488369
4087	489863.09	3854877.25	3.38055	8.8107	4.43122	1.2451	3.06E-01	0.03727	8.3E-05	0.00288	0.34659	3.87E-01	0.047045	7.04E-05	0.001684	4.35E-01	0.381156	0.040462	5.75E-05	0.001788	0.423463
4088	490363.09	3854877.25	1.91319	4.73458	2.39116	0.91488	1.73E-01	0.02003	4.5E-05	0.00212	0.19557	2.19E-01	0.02528	3.8E-05	0.001237	2.45E-01	0.215712	0.021743	3.1E-05	0.001314	0.238799
4089	490863.09	3854877.25	0.86638	2.33539	1.07998	0.75078	7.85E-02	0.00988	2E-05	0.00174	0.09015	9.91E-02	0.01247	1.72E-05	0.001015	1.13E-01	0.097684	0.010725	1.4E-05	0.001078	0.109501
4090	491363.09	3854877.25	1.1032	2.74613	1.33735	0.79063	1.00E-01	0.01162	2.5E-05	0.00183	0.11345	1.26E-01	0.014663	2.13E-05	0.001069	1.42E-01	0.124385	0.012611	1.74E-05	0.001135	0.138149
4091	491863.09	3854877.25	2.73947	6.98989	3.60288	1.24031	2.48E-01	0.02957	6.7E-05	0.00287	0.28077	3.13E-01	0.037323	5.73E-05	0.001677	3.52E-01	0.308874	0.0321	4.68E-05	0.001781	0.342802
4092	492363.09	3854877.25	2.73203	6.99818	3.62458	1.39258	2.48E-01	0.02961	6.8E-05	0.00323	0.28048	3.12E-01	0.037367	5.76E-05	0.001883	3.52E-01	0.308035	0.032138	4.7E-05	0.002	0.342221
4093	492863.09	3854877.25	2.52785	6.11296	3.33477	1.2866	2.29E-01	0.02586	6.2E-05	0.00298	0.25798	2.89E-01	0.03264	5.3E-05	0.00174	3.24E-01	0.285014	0.028073	4.33E-05	0.001848	0.314978
4094	493363.09	3854877.25	2.2287	5.45869	2.94502	1.12059	2.02E-01	0.02309	5.5E-05	0.0026	0.22771	2.55E-01	0.029147	4.68E-05	0.001515	2.86E-01	0.251285	0.025068	3.82E-05	0.001609	0.278001
4095	493863.09	3854877.25	1.99028	5.09178	2.65891	1.02801	1.80E-01	0.02154	5E-05	0.00238	0.20434	2.28E-01	0.027188	4.23E-05	0.00139	2.56E-01	0.224403	0.023383	3.45E-05	0.001476	0.249298
4096	494363.09	3854877.25	1.10731	2.55563	1.4297	0.7176	1.00E-01	0.01081	2.7E-05	0.00166	0.11285	1.27E-01	0.013646	2.27E-05	0.00097	1.41E-01	0.124849	0.011736	1.86E-05	0.001031	0.137634
4097	494863.09	3854877.25	0.53492	1.34445	0.68194	0.58373	4.85E-02	0.00569	1.3E-05	0.00135	0.05553	6.12E-02	0.007179	1.08E-05	0.000789	6.92E-02	0.060312	0.006174	8.85E-06	0.000838	0.067333
4098	495363.09	3854877.25	0.43179	0.94515	0.55919	0.52591	3.91E-02	0.004	1E-05	0.00122	0.04436	4.94E-02	0.005047	8.89E-06	0.000711	5.52E-02	0.048684	0.00434	7.26E-06	0.000755	0.053787
4099	495863.09	3854877.25	0.39223	0.80279	0.50583	0.49155	3.55E-02	0.0034	9.5E-06	0.00114	0.04009	4.49E-02	0.004287	8.04E-06	0.000665	4.98E-02	0.044224	0.003687	6.57E-06	0.000706	0.048623
4100	496363.09	3854877.25	0.32663	0.62752	0.43489	0.43251	2.96E-02	0.00265	8.1E-06	0.001	0.03326	3.74E-02	0.003351	6.91E-06	0.000585	4.13E-02	0.036827	0.002882	5.65E-06	0.000621	0.040336
4101	496863.09	3854877.25	0.30717	0.54761	0.40042	0.37487	2.78E-02	0.00232	7.5E-06	0.00087	0.03103	3.51E-02	0.002924	6.36E-06	0.000507	3.86E-02	0.034633	0.002515	5.2E-06	0.000538	0.037692
4102	497363.09	3854877.25	0.28636	0.51028	0.37515	0.36747	2.60E-02	0.00216	7E-06	0.00085	0.02897	3.28E-02	0.002725	5.96E-06	0.000497	3.60E-02	0.032287	0.002343	4.87E-06	0.000528	0.035163
4103	497863.09	3854877.25	0.30078	0.55454	0.38439	0.39819	2.73E-02	0.00235	7.2E-06	0.00092	0.03053	3.44E-02	0.002961	6.11E-06	0.000538	3.79E-02	0.033913	0.002547	4.99E-06	0.000572	0.037036
4104	498363.09	3854877.25	0.29413	0.52943	0.37596	0.39152	2.67E-02	0.00224	7E-06	0.00091	0.02981	3.36E-02	0.002827	5.98E-06	0.000529	3.70E-02	0.033163	0.002431	4.88E-06	0.000562	0.036162
4105	471363.09	3855377.25	1.32915	1.84468	1.72784	0.99578	1.20E-01	0.0078	3.2E-05	0.00231	0.13059	1.52E-01	0.00985	2.75E-05	0.001346	1.63E-01	0.149861	0.008471	2.24E-05	0.00143	0.159785
4106	471863.09	3855377.25	1.35692	1.88344	1.77442	1.00521	1.23E-01	0.00797	3.3E-05	0.00233	0.1333	1.55E-01	0.010057	2.82E-05	0.001359	1.67E-01	0.152992	0.008649	2.3E-05	0.001444	0.163108
4107	472363.09	3855377.25	1.43893	2.06051	1.93038	1.07954	1.30E-01	0.00872	3.6E-05	0.0025	0.14165	1.65E-01	0.011002	3.07E-05	0.00146	1.77E-01	0.162239	0.009463	2.51E-05	0.00155	0.173277
4108	472863.09	3855377.25	1.46576	2.06343	2.00863	1.07871	1.33E-01	0.00873	3.8E-05	0.0025	0.1441	1.68E-01	0.011018	3.19E-05	0.001459	1.80E-01	0.165264	0.009476	2.61E-05	0.001549	0.176315
4109	473363.09	3855377.25	1.60042	2.23433	2.17777	1.20916	1.45E-01	0.00945	4.1E-05	0.0028	0.15733	1.83E-01	0.01193	3.46E-05	0.001635	1.97E-01	0.180447	0.010261	2.83E-05	0.001736	0.192472
4110	473863.09	3855377.25	1.7144	2.40435	2.31741	1.28327	1.55E-01	0.01017	4.3E-05	0.00297	0.16855	1.96E-01	0.012838	3.68E-05	0.001735	2.11E-01	0.193298	0.011042	3.01E-05	0.001843	0.206213
4111	474363.09	3855377.25	1.82411	2.64409	2.43565	1.32562	1.65E-01	0.01119	4.6E-05	0.00307	0.17961	2.09E-01	0.014118	3.87E-05	0.001792	2.25E-01	0.205668	0.012143	3.16E-05	0.001904	0.219746
4112	474863.09	3855377.25	1.45063	2.30092	2.0071	0.8993	1.31E-01	0.00973	3.8E-05	0.00208	0.14331	1.66E-01	0.012286	3.19E-05	0.001216	1.79E-01	0.163558	0.010567	2.61E-05	0.001291	0.175442
4113	475363.09	3855377.25	0.49461	1.08587	0.67868	0.44695	4.48E-02	0.00459	1.3E-05	0.00104	0.05046	5.66E-02	0.005798	1.08E-05	0.000604	6.30E-02	0.055767	0.004987	8.81E-06	0.000642	0.061404
4114	475863.09	3855377.25	0.35791	0.69674	0.4984	0.36443	3.24E-02	0.00295	9.3E-06	0.00084	0.03624	4.09E-02	0.00372	7.92E-06	0.000493	4.52E-02	0.040354	0.0032	6.47E-06	0.000523	0.044084
4115	476363.09	3855377.25	0.42118	0.86207	0.56563	0.40977	3.82E-02	0.00365	1.1E-05	0.00095	0.04277	4.82E-02	0.004603	8.99E-06	0.000554	5.33E-02	0.047488	0.003959	7.34E-06	0.000588	0.052043
4116	476863.09	3855377.25	0.39303	0.81612	0.54665	0.41104	3.56E-02	0.00345	1E-05	0.00095	0.04003	4.50E-02	0.004358	8.69E-06	0.000556	4.99E-02	0.044314	0.003748	7.1E-06	0.00059	0.048659
4117	477363.09	3855377.25	0.42926	0.91818	0.59508	0.44046	3.89E-02	0.00388	1.1E-05	0.00102	0.04382	4.91E-02	0.004903	9.46E-06	0.000596	5.46E-02	0.048399	0.004217	7.72E-06	0.000633	0.053256
4118	477863.09	3855377.25	0.54916	1.32997	0.75963	0.51711	4.98E-02	0.00563	1.4E-05	0.0012	0.0566	6.28E-02	0.007101	1.21E-05	0.000699	7.06E-02	0.061918	0.006108	9.86E-06	0.000743	0.068778
4119	478363.09	3855377.25	0.70407	1.80786	0.99007	0.62667	6.38E-02	0.00765	1.9E-05	0.00145	0.07292	8.05E-02	0.009653	1.57E-05	0.000847	9.10E-02	0.079384	0.008302	1.29E-05	0.0009	0.088599
4120	478863.09	3855377.25	0.9159	2.42093	1.29607	0.7392	8.30E-02	0.01024	2.4E-05	0.00171	0.09498	1.05E-01	0.012927	2.06E-05	0.000999	1.19E-01	0.103267	0.011118	1.68E-05	0.001062	0.115464
4121	479363.09	3855377.25	1.34237	3.5735	1.93191	0.90922	1.22E-01	0.01512	3.6E-05	0.00211	0.13891	1.54E-01	0.019081	3.07E-05	0.001229	1.74E-01	0.151352	0.016411	2.51E-05	0.001306	0.169093
4122	479863.09	3855377.25	1.95086	5.18285	2.70761	1.1101	1.77E-01	0.02193	5.1E-05	0.00257	0.20134	2.23E-01	0.027674	4.3E-05	0.001501	2.52E-01	0.219959	0.023802	3.51E-05	0.001594	0.24539
4123	480363.09	3855377.25	3.48018	7.76536	4.69348	1.70053	3.15E-01	0.03285	8.8E-05	0.00394	0.35226	3.98E-01	0.041463	7.46E-05	0.002299	4.42E-01	0.392389	0.035661	6.09E-05	0.002442	0.430553
4124	480863.09	3855377.25	5.07123	12.12099	6.71391	3.14538	4.60E-01	0.05128	0.00013	0.00729	0.51825	5.80E-01	0.06472	0.000107	0.004253	6.49E-01	0.571779	0.055664	8.71E-05	0.004517	0.632048
4125	481363.09	3855377.25	5.46261	13.84812	7.29653	5.89818	4.95E-01	0.05858	0.00014	0.01366	0.56742	6.25E-01	0.073942	0.000116	0.007975	7.07E-01	0.615907	0.063596	9.47E-05	0.00847	0.688068
4126	481863.09	3855377.25	5.86783	16.65522	7.99014	8.18541	5.32E-01	0.07046	0.00015	0.01896	0.62132	6.71E-01	0.088931	0.000127	0.011068	7.71E-01	0.661596	0.076487	0.000104	0.011755	0.749941
4127	482363.09	3855377.25	6.29949	19.23814	8.68794	9.94404	5.71E-01	0.08139	0.00016	0.02303	0.67546	7.21E-01	0.102722	0.000138	0.013445	8.37E-01	0.710265	0.088349	0.000113	0.01428	0.813007
4128	482863.09	3855377.25	7.42062	23.54589	10.22539	11.78811	6.72E-01	0.09961	0.00019	0.0273	0.79958	8.49E-01	0.125724	0.000163	0.015939	9.91E-01	0.836672	0.108131	0.000133	0.016928	0.961865
4129	483363.09	3855377.25	8.81102	32.66826	12.1585	14.57153	7.98E-01	0.1382	0.00023	0.03375	0.97065	1.01E+00	0.174433	0.000193	0.019702	1.20E+00	0.993439	0.150025	0.000158	0.020925	1.164548
4130	483863.09	3855377.25	10.92197	41.84214	15.09292	16.88681	9.90E-01	0.17701	0.00028	0.03911	1.20618	1.25E+00	0.223417	0.00024	0.022833	1.50E+00	1.231448	0.192155	0.000196	0.02425	1.448049
4131	484363.09	3855377.25	19.46004	75.05431	27.24005	13.56348	1.76E+00	0.31752	0.00051	0.03142	2.11295	2.23E+00	0.400754	0.000433	0.018339	2.65E+00	2.194113	0.344677	0.000354	0.019478	2.558622
4132	484863.09	3855377.25	24.60676	48.49537	48.14869	16.39924	2.23E+00	0.20516	0.0009	0.03798	2.47396	2.81E+00	0.258942	0.000765	0.022174	3.10E+00	2.774404	0.222709	0.000625	0.02355	3.021288
4133	485363.09	3855377.25	22.06769	45.42294	28.11362	9.73904	2.00E+00	0.19216	0.00053	0.02256	2.21507	2.52E+00	0.242537	0.000447	0.013168	2.78E+00	2.488124	0.208599	0.000365	0.013986	2.711074
4134	485863.09	3855377.25	14.03235	37.49331	18.0701	4.48998	1.27E+00	0.15862	0.00034	0.0104	1.44099	1.60E+00	0.200196	0.000287	0.006071	1.81E+00	1.582143	0.172183	0.000235	0.006448	1.761008
4135	486363.09	3855377.25	9.83807	25.35239	11.78118	2.55256	8.92E-01	0.10725	0.00022	0.00591	1.00493	1.13E+00	0.13537	0.000187	0.003451	1.26E+00	1.109239	0.116428	0.000153	0.003666	1.229485
4136	486863.09	3855377.25	7.01674	19.32913	8.20075	1.78339	6.36E-01	0.08177	0.00015	0.00413	0.72193	8.03E-01	0.103208	0.00013	0.002411	9.08E-01	0.791135	0.088767	0.000106	0.002561	0.882569
4137	487363.09	3855377.25	6.45291	17.16753	7.9773	1.7286	5.85E-01	0.07263	0.00015	0.004	0.66156	7.38E-01	0.091666	0.000127	0.002337	8.32E-01	0.727563	0.07884	0.000104	0.002482	0.808989
4138	487863.09	3855377.25	5.95857	15.80938	7.59505	1.77563	5.40E-01	0.06688	0.00014	0.00411	0.61111	6.82E-01	0.084415	0.000121	0.002401	7.68E-01	0.671827	0.072603	9.86E-05	0.00255	0.747078
4139	488363.09	3855377.25	5.5424	14.53158	7.37016	1.90379	5.02E-01	0.06148	0.00014	0.00441	0.56829	6.34E-01	0.077592	0.000117	0.002574	7.14E-01	0.624904	0.066734	9.57E-05	0.002734	0.694468
4140	488863.09	3855377.25	5.23607	14.00468	7.01219	2.10875	4.75E-01	0.05925	0.00013	0.00488	0.53877	5.99E-01	0.074778	0.000111	0.002851	6.77E-01	0.590365	0.064315	9.1E-05	0.003028	0.657799
4141	489363.09	3855377.25	4.83313	12.08426	6.51937	2.2112	4.38E-01	0.05112	0.00012	0.00512	0.49435	5.53E-01	0.064524	0.000104	0.00299	6.20E-01	0.544934	0.055495	8.46E-05	0.003175	0.603689
4142	489863.09	3855377.25	4.34865	10.81458	5.90684	2.00316	3.94E-01	0.04575	0.00011	0.00464	0.44459	4.97E-01	0.057745	9.39E-05	0.002708	5.58E-01	0.490309	0.049665	7.67E-05	0.002877	0.542927
4143	490363.09	3855377.25	4.13886	11.18905	5.69834	2.17915	3.75E-01	0.04734	0.00011	0.00505	0.42756	4.73E-01	0.059744	9.06E-05	0.002946	5.36E-01	0.466655	0.051384	7.4E-05	0.003129	0.521243
4144	490863.09	3855377.25	1.91765	4.6357	2.23342	0.91364	1.74E-01	0.01961	4.2E-05	0.00212	0.19555	2.19E-01	0.024752	3.55E-05	0.001235	2.45E-01	0.216214	0.021289	2.9E-05	0.001312	0.238844

4145	491363.09	3855377.25	1.37498	3.39943	1.58524	0.83535	1.25E-01	0.01438	3E-05	0.00193	0.14095	1.57E-01	0.018151	2.52E-05	0.001129	1.77E-01	0.155029	0.015611	2.06E-05	0.0012	0.17186
4146	491863.09	3855377.25	3.19772	7.83039	4.31055	1.67669	2.90E-01	0.03313	8.1E-05	0.00388	0.32687	3.66E-01	0.041811	6.85E-05	0.002267	4.10E-01	0.360542	0.03596	5.6E-05	0.002408	0.398966
4147	492363.09	3855377.25	3.10681	7.55237	4.20314	1.76724	2.82E-01	0.03195	7.9E-05	0.00409	0.31767	3.55E-01	0.040326	6.68E-05	0.00239	3.98E-01	0.350292	0.034683	5.46E-05	0.002538	0.387567
4148	492863.09	3855377.25	2.85516	6.58738	3.84716	1.56973	2.59E-01	0.02787	7.2E-05	0.00364	0.29032	3.27E-01	0.035173	6.11E-05	0.002122	3.64E-01	0.321918	0.030252	4.99E-05	0.002254	0.354474
4149	493363.09	3855377.25	2.27882	5.52012	3.08005	1.12923	2.07E-01	0.02335	5.8E-05	0.00262	0.23254	2.61E-01	0.029475	4.9E-05	0.001527	2.92E-01	0.256936	0.02535	4E-05	0.001622	0.283948
4150	493863.09	3855377.25	1.31982	3.042	1.65674	0.72047	1.20E-01	0.01287	3.1E-05	0.00167	0.13417	1.51E-01	0.016243	2.63E-05	0.000974	1.68E-01	0.148809	0.01397	2.15E-05	0.001035	0.163835
4151	494363.09	3855377.25	0.66618	1.62117	0.80945	0.65236	6.04E-02	0.00686	1.5E-05	0.00151	0.06876	7.62E-02	0.008656	1.29E-05	0.000882	8.57E-02	0.075112	0.007445	1.05E-05	0.000937	0.083504
4152	494863.09	3855377.25	0.43248	1.02108	0.53095	0.52021	3.92E-02	0.00432	9.9E-06	0.0012	0.04473	4.95E-02	0.005452	8.44E-06	0.000703	5.56E-02	0.048762	0.004689	6.89E-06	0.000747	0.054205
4153	495363.09	3855377.25	0.35553	0.75287	0.46499	0.46217	3.22E-02	0.00319	8.7E-06	0.00107	0.03648	4.07E-02	0.00402	7.39E-06	0.000625	4.53E-02	0.040086	0.003457	6.04E-06	0.000664	0.044213
4154	495863.09	3855377.25	0.31552	0.61107	0.41159	0.40809	2.86E-02	0.00259	7.7E-06	0.00095	0.03213	3.61E-02	0.003263	6.54E-06	0.000552	3.99E-02	0.035575	0.002806	5.34E-06	0.000586	0.038972
4155	496363.09	3855377.25	0.30469	0.56695	0.3875	0.4023	2.76E-02	0.0024	7.3E-06	0.00093	0.03095	3.48E-02	0.003027	6.16E-06	0.000544	3.84E-02	0.034354	0.002604	5.03E-06	0.000578	0.03754
4156	496863.09	3855377.25	0.29557	0.52578	0.37201	0.38031	2.68E-02	0.00222	7E-06	0.00088	0.0299	3.38E-02	0.002807	5.91E-06	0.000514	3.71E-02	0.033325	0.002415	4.83E-06	0.000546	0.036291
4157	497363.09	3855377.25	0.30005	0.52805	0.37469	0.38964	2.72E-02	0.00223	7E-06	0.0009	0.03033	3.43E-02	0.00282	5.96E-06	0.000527	3.77E-02	0.033831	0.002425	4.86E-06	0.00056	0.03682
4158	497863.09	3855377.25	0.30051	0.54617	0.39184	0.39386	2.72E-02	0.00231	7.3E-06	0.00091	0.03046	3.44E-02	0.002916	6.23E-06	0.000533	3.78E-02	0.033882	0.002508	5.09E-06	0.000566	0.036961
4159	498363.09	3855377.25	0.32174	0.57945	0.41447	0.41936	2.92E-02	0.00245	7.8E-06	0.00097	0.03259	3.68E-02	0.003094	6.59E-06	0.000567	4.05E-02	0.036276	0.002661	5.38E-06	0.000602	0.039545
4160	471363.09	3855877.25	1.27794	2.03243	1.66838	1.02353	1.16E-01	0.0086	3.1E-05	0.00237	0.12681	1.46E-01	0.010852	2.65E-05	0.001384	1.58E-01	0.144087	0.009334	2.17E-05	0.00147	0.154912
4161	471863.09	3855877.25	1.30675	2.13956	1.72544	1.02918	1.18E-01	0.00905	3.2E-05	0.00238	0.12989	1.49E-01	0.011424	2.74E-05	0.001392	1.62E-01	0.147336	0.009826	2.24E-05	0.001478	0.158662
4162	472363.09	3855877.25	1.42854	2.39921	1.85063	1.13815	1.29E-01	0.01015	3.5E-05	0.00264	0.14228	1.63E-01	0.012811	2.94E-05	0.001539	1.78E-01	0.161067	0.011018	2.4E-05	0.001634	0.173744
4163	472863.09	3855877.25	1.43894	2.44488	1.87667	1.08586	1.30E-01	0.01034	3.5E-05	0.00252	0.14329	1.65E-01	0.013054	2.98E-05	0.001468	1.79E-01	0.16224	0.011228	2.44E-05	0.001559	0.175052
4164	473363.09	3855877.25	1.58059	2.7066	2.03394	1.25324	1.43E-01	0.01145	3.8E-05	0.0029	0.15763	1.81E-01	0.014452	3.23E-05	0.001695	1.97E-01	0.178211	0.01243	2.64E-05	0.0018	0.192467
4165	473863.09	3855877.25	1.68836	2.98604	2.1314	1.33815	1.53E-01	0.01263	4E-05	0.0031	0.16877	1.93E-01	0.015944	3.39E-05	0.001809	2.11E-01	0.190362	0.013713	2.77E-05	0.001922	0.206024
4166	474363.09	3855877.25	1.75724	3.32037	2.22354	1.3478	1.59E-01	0.01405	4.2E-05	0.00312	0.17646	2.01E-01	0.017729	3.53E-05	0.001822	2.21E-01	0.198128	0.015248	2.89E-05	0.001936	0.215341
4167	474863.09	3855877.25	1.35711	2.81546	1.78346	0.82391	1.23E-01	0.01191	3.3E-05	0.00191	0.13684	1.55E-01	0.015033	2.83E-05	0.001114	1.71E-01	0.153014	0.01293	2.32E-05	0.001183	0.16715
4168	475363.09	3855877.25	0.62867	1.37158	0.87134	0.51952	5.70E-02	0.0058	1.6E-05	0.0012	0.06399	7.19E-02	0.007324	1.38E-05	0.000702	7.99E-02	0.070882	0.006299	1.13E-05	0.000746	0.077939
4169	475863.09	3855877.25	0.26949	0.48577	0.36777	0.30795	2.44E-02	0.00206	6.9E-06	0.00071	0.0272	3.08E-02	0.002594	5.85E-06	0.000416	3.38E-02	0.030385	0.002231	4.77E-06	0.000442	0.033063
4170	476363.09	3855877.25	0.29171	0.50229	0.38756	0.32102	2.64E-02	0.00212	7.3E-06	0.00074	0.02931	3.34E-02	0.002682	6.16E-06	0.000434	3.65E-02	0.03289	0.002307	5.03E-06	0.000461	0.035663
4171	476863.09	3855877.25	0.40734	0.87606	0.57145	0.40923	3.69E-02	0.00371	1.1E-05	0.00095	0.04158	4.66E-02	0.004678	9.08E-06	0.000553	5.18E-02	0.045927	0.004023	7.42E-06	0.000588	0.050546
4172	477363.09	3855877.25	0.47509	1.09124	0.66598	0.45887	4.31E-02	0.00462	1.2E-05	0.00106	0.04875	5.43E-02	0.005827	1.06E-05	0.00062	6.08E-02	0.053566	0.005011	8.64E-06	0.000659	0.059245
4173	477863.09	3855877.25	0.56827	1.39274	0.79266	0.52195	5.15E-02	0.00589	1.5E-05	0.00121	0.05861	6.50E-02	0.007437	1.26E-05	0.000706	7.32E-02	0.064072	0.006396	1.03E-05	0.00075	0.071228
4174	478363.09	3855877.25	0.73154	1.92267	1.0186	0.62384	6.63E-02	0.00813	1.9E-05	0.00144	0.07589	8.37E-02	0.010266	1.62E-05	0.000843	9.48E-02	0.082481	0.00883	1.32E-05	0.000896	0.09222
4175	478863.09	3855877.25	0.98711	2.65127	1.38677	0.7408	8.95E-02	0.01122	2.6E-05	0.00172	0.10241	1.13E-01	0.014157	2.2E-05	0.001002	1.28E-01	0.111296	0.012176	1.8E-05	0.001064	0.124554
4176	479363.09	3855877.25	1.55602	4.02132	2.17753	0.92659	1.41E-01	0.01701	4.1E-05	0.00215	0.16021	1.78E-01	0.021472	3.46E-05	0.001253	2.01E-01	0.175441	0.018467	2.83E-05	0.001331	0.195267
4177	479863.09	3855877.25	2.23127	5.80483	3.05152	1.18834	2.02E-01	0.02456	5.7E-05	0.00275	0.22957	2.55E-01	0.030995	4.85E-05	0.001607	2.88E-01	0.251575	0.026658	3.96E-05	0.001707	0.279979
4178	480363.09	3855877.25	3.27331	8.31969	4.44973	1.67069	2.97E-01	0.0352	8.3E-05	0.00387	0.33578	3.74E-01	0.044423	7.07E-05	0.002259	4.21E-01	0.369065	0.038207	5.78E-05	0.002399	0.409729
4179	480863.09	3855877.25	4.41722	11.12325	5.98803	2.65881	4.00E-01	0.04706	0.00011	0.00616	0.45363	5.05E-01	0.059393	9.52E-05	0.003595	5.68E-01	0.49804	0.051082	7.77E-05	0.003818	0.553018
4180	481363.09	3855877.25	4.7801	13.0767	6.61319	2.66947	4.33E-01	0.05532	0.00012	0.00618	0.49481	5.47E-01	0.069823	0.000105	0.003609	6.20E-01	0.538955	0.060053	8.58E-05	0.003833	0.602927
4181	481863.09	3855877.25	5.23146	16.20478	7.16259	6.80764	4.74E-01	0.06855	0.00013	0.01577	0.55854	5.98E-01	0.086526	0.000114	0.009205	6.94E-01	0.589845	0.074418	9.3E-05	0.009776	0.674133
4182	482363.09	3855877.25	5.28633	17.53246	7.264	8.74349	4.79E-01	0.07417	0.00014	0.02025	0.57362	6.05E-01	0.093615	0.000115	0.011822	7.10E-01	0.596032	0.080516	9.43E-05	0.012556	0.689198
4183	482863.09	3855877.25	5.92682	19.38654	8.16459	10.07989	5.37E-01	0.08201	0.00015	0.02335	0.64262	6.78E-01	0.103515	0.00013	0.013629	7.95E-01	0.668247	0.08903	0.000106	0.014475	0.771858
4184	483363.09	3855877.25	6.82703	20.73566	9.48741	11.89728	6.19E-01	0.08772	0.00018	0.02756	0.73414	7.81E-01	0.110718	0.000151	0.016086	9.08E-01	0.769745	0.095226	0.000123	0.017085	0.882179
4185	483863.09	3855877.25	8.24672	25.73752	11.54127	14.64081	7.47E-01	0.10888	0.00022	0.03391	0.89034	9.43E-01	0.137426	0.000183	0.019796	1.10E+00	0.929815	0.118196	0.00015	0.021025	1.069186
4186	484363.09	3855877.25	10.50737	31.78132	14.63192	16.41276	9.52E-01	0.13445	0.00027	0.03802	1.12494	1.20E+00	0.169697	0.000233	0.022192	1.39E+00	1.184702	0.145952	0.00019	0.02357	1.354414
4187	484863.09	3855877.25	16.83725	38.30015	23.31879	15.57122	1.53E+00	0.16203	0.00044	0.03607	1.72436	1.93E+00	0.204504	0.000371	0.021054	2.15E+00	1.898394	0.175889	0.000303	0.022361	2.096946
4188	485363.09	3855877.25	20.35613	19.81338	56.68276	17.96116	1.84E+00	0.08382	0.00106	0.0416	1.9712	2.33E+00	0.105794	0.000901	0.024285	2.46E+00	2.295147	0.09099	0.000736	0.025793	2.412666
4189	485863.09	3855877.25	23.44298	25.32311	29.41973	11.29289	2.12E+00	0.10713	0.00055	0.02616	2.25829	2.68E+00	0.135213	0.000468	0.015269	2.83E+00	2.643188	0.116293	0.000382	0.016217	2.77608
4190	486363.09	3855877.25	15.37342	29.56692	19.54317	4.46067	1.39E+00	0.12508	0.00037	0.01033	1.52895	1.76E+00	0.157873	0.000311	0.006031	1.92E+00	1.733348	0.135782	0.000254	0.006406	1.87579
4191	486863.09	3855877.25	11.2674	24.13008	13.89902	3.0438	1.02E+00	0.10208	0.00026	0.00705	1.13047	1.29E+00	0.128843	0.000221	0.004116	1.42E+00	1.270395	0.110814	0.00018	0.004371	1.385761
4192	487363.09	3855877.25	9.02146	20.42452	12.05484	2.9796	8.18E-01	0.08641	0.00023	0.0069	0.91108	1.03E+00	0.109057	0.000192	0.004029	1.15E+00	1.017167	0.093797	0.000156	0.004279	1.115399
4193	487863.09	3855877.25	7.82535	19.32367	10.63124	3.27328	7.09E-01	0.08175	0.0002	0.00758	0.79868	8.95E-01	0.103179	0.000169	0.004426	1.00E+00	0.882306	0.088741	0.000138	0.004701	0.975886
4194	488363.09	3855877.25	6.82832	17.96977	9.35718	3.47976	6.19E-01	0.07602	0.00018	0.00806	0.70305	7.81E-01	0.09595	0.000149	0.004705	8.82E-01	0.769891	0.082524	0.000121	0.004997	0.857533
4195	488863.09	3855877.25	6.10071	14.17252	8.3505	3.71632	5.53E-01	0.05996	0.00016	0.00861	0.62158	6.98E-01	0.075674	0.000133	0.005025	7.79E-01	0.687853	0.065085	0.000108	0.005337	0.758384
4196	489363.09	3855877.25	5.55936	15.30781	7.52148	3.77762	5.04E-01	0.06476	0.00014	0.00875	0.57745	6.36E-01	0.081736	0.00012	0.005108	7.23E-01	0.626816	0.070299	9.76E-05	0.005425	0.702638
4197	489863.09	3855877.25	5.06873	13.69384	6.88526	3.67814	4.59E-01	0.05793	0.00013	0.00852	0.52592	5.80E-01	0.073119	0.000109	0.004973	6.58E-01	0.571498	0.062887	8.94E-05	0.005282	0.639756
4198	490363.09	3855877.25	4.65215	12.08003	6.33308	3.62598	4.22E-01	0.0511	0.00012	0.0084	0.48121	5.32E-01	0.064502	0.000101	0.004903	6.02E-01	0.524528	0.055476	8.22E-05	0.005207	0.585294
4199	490863.09	3855877.25	4.35383	11.44355	5.8892	2.92243	3.95E-01	0.04841	0.00011	0.00677	0.44984	4.98E-01	0.061103	9.36E-05	0.003951	5.63E-01	0.490893	0.052553	7.64E-05	0.004197	0.547719
4200	491363.09	3855877.25	3.62113	9.10774	4.99339	1.7266	3.28E-01	0.03853	9.3E-05	0.004	0.37078	4.14E-01	0.048631	7.94E-05	0.002335	4.65E-01	0.408281	0.041826	6.48E-05	0.002479	0.452652
4201	491863.09	3855877.25	3.76088	9.56407	5.11604	2.59256	3.41E-01	0.04046	9.6E-05	0.006	0.38738	4.30E-01	0.051068	8.13E-05	0.003505	4.85E-01	0.424038	0.043922	6.64E-05	0.003723	0.471749
4202	492363.09	3855877.25	3.44567	8.37781	4.6213	2.09395	3.12E-01	0.03544	8.7E-05	0.00485	0.35263	3.94E-01	0.044733	7.34E-05	0.002831	4.42E-01	0.388498	0.038474	6E-05	0.003007	0.430039
4203	492863.09	3855877.25	3.1336	7.37506	4.22357	1.76402	2.84E-01	0.0312	7.9E-05	0.00409	0.31934	3.58E-01	0.039379	6.71E-05	0.002385	4.00E-01	0.353312	0.033869	5.48E-05	0.002533	0.389769
4204	493363.09	3855877.25	1.91423	4.56123	2.49497	0.91807	1.73E-01	0.0193	4.7E-05	0.00213	0.19494	2.19E-01	0.024355	3.97E-05	0.001241	2.45E-01	0.215829	0.020947	3.24E-05	0.001318	0.238126
4205	493863.09	3855877.25	0.90074	2.03704	1.07332	0.66209	8.16E-02	0.00862	2E-05	0.00153	0.0918	1.03E-01	0.010877	1.71E-05	0.000895	1.15E-01	0.101558	0.009355	1.39E-05	0.000951	0.111878

4206	494363.09	3855877.25	0.46113	1.15808	0.57971	0.55158	4.18E-02	0.0049	1.1E-05	0.00128	0.04798	5.27E-02	0.006184	9.21E-06	0.000746	5.97E-02	0.051992	0.005318	7.52E-06	0.000792	0.05811
4207	494863.09	3855877.25	0.36071	0.83976	0.47585	0.47924	3.27E-02	0.00355	8.9E-06	0.00111	0.03736	4.13E-02	0.004484	7.56E-06	0.000648	4.64E-02	0.04067	0.003856	6.18E-06	0.000688	0.045221
4208	495363.09	3855877.25	0.27923	0.57522	0.36335	0.38817	2.53E-02	0.00243	6.8E-06	0.0009	0.02864	3.19E-02	0.003071	5.77E-06	0.000525	3.55E-02	0.031483	0.002642	4.72E-06	0.000557	0.034687
4209	495863.09	3855877.25	0.27159	0.52559	0.35238	0.37823	2.46E-02	0.00222	6.6E-06	0.00088	0.02772	3.11E-02	0.002806	5.6E-06	0.000511	3.44E-02	0.030622	0.002414	4.57E-06	0.000543	0.033583
4210	496363.09	3855877.25	0.26569	0.52262	0.34281	0.3721	2.41E-02	0.00221	6.4E-06	0.00086	0.02716	3.04E-02	0.002791	5.45E-06	0.000503	3.37E-02	0.029956	0.0024	4.45E-06	0.000534	0.032895
4211	496863.09	3855877.25	0.28495	0.52899	0.36863	0.3682	2.58E-02	0.00224	6.9E-06	0.00085	0.02892	3.26E-02	0.002825	5.86E-06	0.000498	3.59E-02	0.032128	0.002429	4.78E-06	0.000529	0.035091
4212	497363.09	3855877.25	0.29095	0.56295	0.376	0.38087	2.64E-02	0.00238	7E-06	0.00088	0.02964	3.33E-02	0.003006	5.98E-06	0.000515	3.68E-02	0.032805	0.002585	4.88E-06	0.000547	0.035942
4213	497863.09	3855877.25	0.29675	0.58567	0.38385	0.39734	2.69E-02	0.00248	7.2E-06	0.00092	0.0303	3.39E-02	0.003127	6.1E-06	0.000537	3.76E-02	0.033458	0.00269	4.98E-06	0.000571	0.036724
4214	498363.09	3855877.25	0.31115	0.66812	0.42139	0.40801	2.82E-02	0.00283	7.9E-06	0.00095	0.03198	3.56E-02	0.003567	6.7E-06	0.000552	3.97E-02	0.035082	0.003068	5.47E-06	0.000586	0.038742
4215	471363.09	3856377.25	1.30503	2.41648	1.62916	1.05727	1.18E-01	0.01022	3E-05	0.00245	0.13097	1.49E-01	0.012903	2.59E-05	0.00143	1.64E-01	0.147142	0.011097	2.11E-05	0.001518	0.159779
4216	471863.09	3856377.25	1.34943	2.3776	1.67567	1.05288	1.22E-01	0.01006	3.1E-05	0.00244	0.13482	1.54E-01	0.012695	2.66E-05	0.001424	1.68E-01	0.152148	0.010919	2.18E-05	0.001512	0.1646
4217	472363.09	3856377.25	1.42319	2.53961	1.77976	1.11251	1.29E-01	0.01074	3.3E-05	0.00258	0.14233	1.63E-01	0.01356	2.83E-05	0.001504	1.78E-01	0.160464	0.011663	2.31E-05	0.001598	0.173748
4218	472863.09	3856377.25	1.54525	2.79067	1.94313	1.19636	1.40E-01	0.01181	3.6E-05	0.00277	0.15465	1.77E-01	0.014901	3.09E-05	0.001618	1.93E-01	0.174226	0.012816	2.52E-05	0.001718	0.188785
4219	473363.09	3856377.25	1.6334	2.90393	2.07585	1.2618	1.48E-01	0.01229	3.9E-05	0.00292	0.16327	1.87E-01	0.015506	3.3E-05	0.001706	2.04E-01	0.184165	0.013336	2.69E-05	0.001812	0.19934
4220	473863.09	3856377.25	1.76006	3.08987	2.26659	1.45144	1.60E-01	0.01307	4.2E-05	0.00336	0.17598	2.01E-01	0.016498	3.6E-05	0.001963	2.20E-01	0.198446	0.01419	2.94E-05	0.002084	0.21475
4221	474363.09	3856377.25	1.76328	3.20967	2.25192	1.29327	1.60E-01	0.01358	4.2E-05	0.003	0.17641	2.02E-01	0.017138	3.58E-05	0.001749	2.21E-01	0.198809	0.01474	2.92E-05	0.001857	0.215436
4222	474863.09	3856377.25	1.66442	3.1409	2.11588	1.02807	1.51E-01	0.01329	4E-05	0.00238	0.16654	1.90E-01	0.016771	3.36E-05	0.00139	2.09E-01	0.187663	0.014424	2.75E-05	0.001476	0.203591
4223	475363.09	3856377.25	1.13381	2.51279	1.54389	0.67789	1.03E-01	0.01063	2.9E-05	0.00157	0.11498	1.30E-01	0.013417	2.45E-05	0.000917	1.44E-01	0.127837	0.01154	2E-05	0.000973	0.14037
4224	475863.09	3856377.25	0.59126	1.31691	0.82629	0.49782	5.36E-02	0.00557	1.5E-05	0.00115	0.06032	6.76E-02	0.007032	1.31E-05	0.000673	7.53E-02	0.066664	0.006048	1.07E-05	0.000715	0.073438
4225	476363.09	3856377.25	0.51756	1.16288	0.72702	0.47435	4.69E-02	0.00492	1.4E-05	0.0011	0.05293	5.92E-02	0.006209	1.16E-05	0.000641	6.61E-02	0.058355	0.00534	9.44E-06	0.000681	0.064386
4226	476863.09	3856377.25	0.51151	1.16882	0.72104	0.47612	4.64E-02	0.00494	1.3E-05	0.0011	0.05242	5.85E-02	0.006241	1.15E-05	0.000644	6.54E-02	0.057673	0.005368	9.36E-06	0.000684	0.063733
4227	477363.09	3856377.25	0.53623	1.2581	0.76004	0.48818	4.86E-02	0.00532	1.4E-05	0.00113	0.05506	6.13E-02	0.006718	1.21E-05	0.00066	6.87E-02	0.06046	0.005778	9.87E-06	0.000701	0.066948
4228	477863.09	3856377.25	0.43776	1.03121	0.61192	0.43789	3.97E-02	0.00436	1.1E-05	0.00101	0.04506	5.01E-02	0.005506	9.73E-06	0.000592	5.62E-02	0.049357	0.004736	7.94E-06	0.000629	0.05473
4229	478363.09	3856377.25	0.40429	0.89198	0.54507	0.41996	3.66E-02	0.00377	1E-05	0.00097	0.04139	4.62E-02	0.004763	8.66E-06	0.000568	5.16E-02	0.045584	0.004096	7.08E-06	0.000603	0.05029
4230	478863.09	3856377.25	0.70744	1.93435	1.02805	0.6095	6.41E-02	0.00818	1.9E-05	0.00141	0.07372	8.09E-02	0.010329	1.63E-05	0.000824	9.21E-02	0.079764	0.008883	1.33E-05	0.000875	0.089535
4231	479363.09	3856377.25	0.96696	2.65396	1.40135	0.71713	8.76E-02	0.01123	2.6E-05	0.00166	0.10054	1.11E-01	0.014171	2.23E-05	0.00097	1.26E-01	0.109024	0.012188	1.82E-05	0.00103	0.12226
4232	479863.09	3856377.25	2.15471	5.64176	2.81983	1.04797	1.95E-01	0.02387	5.3E-05	0.00243	0.22161	2.46E-01	0.030124	4.48E-05	0.001417	2.78E-01	0.242943	0.025909	3.66E-05	0.001505	0.270393
4233	480363.09	3856377.25	3.39495	9.55536	4.59186	1.74679	3.08E-01	0.04042	8.6E-05	0.00405	0.35221	3.88E-01	0.051021	7.3E-05	0.002362	4.42E-01	0.382779	0.043882	5.96E-05	0.002508	0.429229
4234	480863.09	3856377.25	4.11871	10.99548	5.66275	2.67192	3.73E-01	0.04652	0.00011	0.00619	0.42606	4.71E-01	0.058711	9E-05	0.003613	5.34E-01	0.464383	0.050495	7.35E-05	0.003837	0.518789
4235	481363.09	3856377.25	4.45896	12.49664	6.11458	4.04897	4.04E-01	0.05287	0.00011	0.00938	0.46644	5.10E-01	0.066726	9.72E-05	0.005475	5.82E-01	0.502746	0.057389	7.94E-05	0.005815	0.566029
4236	481863.09	3856377.25	4.64685	14.10003	6.34273	6.40885	4.21E-01	0.05965	0.00012	0.01484	0.49572	5.31E-01	0.075287	0.000101	0.008665	6.16E-01	0.523931	0.064753	8.23E-05	0.009203	0.597969
4237	482363.09	3856377.25	4.64908	11.87249	6.41071	7.71636	4.21E-01	0.05023	0.00012	0.01787	0.48953	5.32E-01	0.063393	0.000102	0.010433	6.06E-01	0.524182	0.054523	8.32E-05	0.011081	0.589869
4238	482863.09	3856377.25	5.08319	13.85416	6.98824	8.64842	4.61E-01	0.05861	0.00013	0.02003	0.53942	5.81E-01	0.073975	0.000111	0.011694	6.67E-01	0.573128	0.063623	9.07E-05	0.01242	0.649262
4239	483363.09	3856377.25	5.65623	15.15324	7.7128	9.87605	5.13E-01	0.06411	0.00014	0.02287	0.5997	6.47E-01	0.080911	0.000123	0.013353	7.41E-01	0.637738	0.069589	0.0001	0.014183	0.72161
4240	483863.09	3856377.25	6.42831	18.14364	8.90271	11.37056	5.83E-01	0.07676	0.00017	0.02634	0.68581	7.35E-01	0.096878	0.000141	0.015374	8.48E-01	0.72479	0.083322	0.000116	0.016329	0.824556
4241	484363.09	3856377.25	7.54813	19.44816	10.4213	13.84963	6.84E-01	0.08228	0.0002	0.03208	0.79858	8.63E-01	0.103844	0.000166	0.018726	9.86E-01	0.851049	0.089313	0.000135	0.019889	0.960386
4242	484863.09	3856377.25	9.36724	21.57312	13.11603	16.7596	8.49E-01	0.09127	0.00025	0.03882	0.97921	1.07E+00	0.11519	0.000208	0.022661	1.21E+00	1.056153	0.099072	0.00017	0.024068	1.179463
4243	485363.09	3856377.25	13.58498	21.88763	18.93558	19.24003	1.23E+00	0.0926	0.00035	0.04456	1.36861	1.55E+00	0.116869	0.000301	0.026015	1.70E+00	1.531702	0.100516	0.000246	0.02763	1.660093
4244	485863.09	3856377.25	22.02357	15.98898	35.65958	21.39894	2.00E+00	0.06764	0.00067	0.04956	2.1137	2.52E+00	0.085373	0.000567	0.028934	2.63E+00	2.48315	0.073427	0.000463	0.03073	2.58777
4245	486363.09	3856377.25	29.66171	30.2695	35.90449	10.40815	2.69E+00	0.12806	0.00067	0.02411	2.84084	3.39E+00	0.161625	0.000571	0.014073	3.57E+00	3.344348	0.139009	0.000466	0.014947	3.498769
4246	486863.09	3856377.25	16.68664	31.01012	22.8665	6.60025	1.51E+00	0.13119	0.00043	0.01529	1.65908	1.91E+00	0.165579	0.000363	0.008924	2.08E+00	1.881413	0.14241	0.000297	0.009478	2.033598
4247	487363.09	3856377.25	12.38311	28.63659	16.81643	6.3205	1.12E+00	0.12115	0.00031	0.01464	1.25829	1.42E+00	0.152906	0.000267	0.008546	1.58E+00	1.396191	0.13151	0.000218	0.009077	1.536996
4248	487863.09	3856377.25	9.9458	28.0086	13.15504	6.68673	9.01E-01	0.11849	0.00025	0.01549	1.03553	1.14E+00	0.149553	0.000209	0.009041	1.30E+00	1.121386	0.128626	0.000171	0.009602	1.259785
4249	488363.09	3856377.25	8.06801	25.55788	10.91006	6.68202	7.31E-01	0.10812	0.0002	0.01548	0.85494	9.23E-01	0.136467	0.000173	0.009035	1.07E+00	0.909665	0.117371	0.000142	0.009596	1.036774
4250	488863.09	3856377.25	6.93114	22.96681	9.27126	6.41788	6.28E-01	0.09716	0.00017	0.01487	0.74031	7.93E-01	0.122632	0.000147	0.008678	9.24E-01	0.781484	0.105472	0.00012	0.009216	0.896293
4251	489363.09	3856377.25	6.03915	19.00343	8.07611	5.99942	5.47E-01	0.08039	0.00015	0.0139	0.64172	6.91E-01	0.101469	0.000128	0.008112	8.00E-01	0.680912	0.087271	0.000105	0.008615	0.776903
4252	489863.09	3856377.25	5.4136	16.30638	7.2253	5.58624	4.91E-01	0.06898	0.00014	0.01294	0.57265	6.19E-01	0.087068	0.000115	0.007553	7.14E-01	0.610382	0.074885	9.38E-05	0.008022	0.693382
4253	490363.09	3856377.25	4.92157	14.98855	6.65429	4.86098	4.46E-01	0.06341	0.00012	0.01126	0.5208	5.63E-01	0.080032	0.000106	0.006573	6.50E-01	0.554905	0.068833	8.64E-05	0.006981	0.630805
4254	490863.09	3856377.25	4.61846	13.60473	6.25285	4.23239	4.19E-01	0.05755	0.00012	0.0098	0.48601	5.28E-01	0.072643	9.94E-05	0.005723	6.07E-01	0.52073	0.062478	8.12E-05	0.006078	0.589367
4255	491363.09	3856377.25	4.3099	11.64175	5.89202	3.80431	3.91E-01	0.04925	0.00011	0.00881	0.44874	4.93E-01	0.062161	9.36E-05	0.005144	5.60E-01	0.48594	0.053463	7.65E-05	0.005463	0.544943
4256	491863.09	3856377.25	4.06628	10.81574	5.55903	3.21364	3.68E-01	0.04576	0.0001	0.00744	0.4218	4.65E-01	0.057751	8.84E-05	0.004345	5.27E-01	0.458472	0.04967	7.22E-05	0.004615	0.512829
4257	492363.09	3856377.25	3.68194	8.75076	5.05704	2.41514	3.34E-01	0.03702	9.5E-05	0.00559	0.37637	4.21E-01	0.046725	8.04E-05	0.003266	4.71E-01	0.415137	0.040187	6.56E-05	0.003468	0.458858
4258	492863.09	3856377.25	2.78916	6.42009	3.80689	1.36142	2.53E-01	0.02716	7.1E-05	0.00315	0.28314	3.19E-01	0.03428	6.05E-05	0.001841	3.55E-01	0.314477	0.029483	4.94E-05	0.001955	0.345965
4259	493363.09	3856377.25	1.05347	2.26986	1.24487	0.68771	9.55E-02	0.0096	2.3E-05	0.00159	0.10669	1.20E-01	0.01212	1.98E-05	0.00093	1.34E-01	0.118778	0.010424	1.62E-05	0.000988	0.130206
4260	493863.09	3856377.25	0.62903	1.48813	0.77881	0.58201	5.70E-02	0.0063	1.5E-05	0.00135	0.06466	7.19E-02	0.007946	1.24E-05	0.000787	8.07E-02	0.070923	0.006834	1.01E-05	0.000836	0.078603
4261	494363.09	3856377.25	0.38456	0.99928	0.50018	0.50515	3.48E-02	0.00423	9.4E-06	0.00117	0.04026	4.40E-02	0.005336	7.95E-06	0.000683	5.00E-02	0.043359	0.004589	6.49E-06	0.000725	0.04868
4262	494863.09	3856377.25	0.31905	0.72338	0.41476	0.41989	2.89E-02	0.00306	7.8E-06	0.00097	0.03295	3.65E-02	0.003863	6.59E-06	0.000568	4.09E-02	0.035973	0.003322	5.38E-06	0.000603	0.039903
4263	495363.09	3856377.25	0.26832	0.55339	0.34614	0.36699	2.43E-02	0.00234	6.5E-06	0.00085	0.02751	3.07E-02	0.002955	5.5E-06	0.000496	3.41E-02	0.030253	0.002541	4.49E-06	0.000527	0.033326
4264	495863.09	3856377.25	0.26035	0.52579	0.33312	0.33945	2.36E-02	0.00222	6.2E-06	0.00079	0.02661	2.98E-02	0.002807	5.29E-06	0.000459	3.31E-02	0.029354	0.002415	4.32E-06	0.000487	0.032261
4265	496363.09	3856377.25	0.26099	0.52783	0.33728	0.34193	2.37E-02	0.00223	6.3E-06	0.00079	0.02668	2.99E-02	0.002818	5.36E-06	0.000462	3.31E-02	0.029427	0.002424	4.38E-06	0.000491	0.032346
4266	496863.09	3856377.25	0.27364	0.55562	0.36509	0.35887	2.48E-02	0.00235	6.8E-06	0.00083	0.02799	3.13E-02	0.002967	5.8E-06	0.000485	3.48E-02	0.030853	0.002552	4.74E-06	0.000515	0.033925

4267	497363.09	3856377.25	0.27945	0.59664	0.37922	0.38405		2.53E-02	0.00252	7.1E-06	0.00089	0.02875		3.20E-02	0.003186	6.03E-06	0.000519	3.57E-02		0.031508	0.00274	4.92E-06	0.000552	0.034804	
4268	497863.09	3856377.25	0.30061	0.69788	0.39257	0.38376		2.72E-02	0.00295	7.3E-06	0.00089	0.03109		3.44E-02	0.003726	6.24E-06	0.000519	3.86E-02		0.033894	0.003205	5.1E-06	0.000551	0.037655	
4269	498363.09	3856377.25	0.35313	0.80625	0.4614	0.40238		3.20E-02	0.00341	8.6E-06	0.00093	0.03635		4.04E-02	0.004305	7.33E-06	0.000544	4.52E-02		0.039815	0.003703	5.99E-06	0.000578	0.044102	
4270	471363.09	3856877.25	1.34282	2.32172	1.66909	1.07714		1.22E-01	0.00982	3.1E-05	0.00249	0.13404		1.54E-01	0.012397	2.65E-05	0.001456	1.67E-01		0.151402	0.010662	2.17E-05	0.001547	0.163633	
4271	471863.09	3856877.25	1.35397	2.34933	1.70299	1.06654		1.23E-01	0.00994	3.2E-05	0.00247	0.13514		1.55E-01	0.012544	2.71E-05	0.001442	1.69E-01		0.15266	0.010789	2.21E-05	0.001532	0.165002	
4272	472363.09	3856877.25	1.41307	2.48713	1.80725	1.13131		1.28E-01	0.01052	3.4E-05	0.00262	0.14123		1.62E-01	0.01328	2.87E-05	0.00153	1.76E-01		0.159323	0.011422	2.35E-05	0.001625	0.172393	
4273	472863.09	3856877.25	1.48276	2.63368	1.91027	1.17491		1.34E-01	0.01114	3.6E-05	0.00272	0.14827		1.70E-01	0.014063	3.04E-05	0.001589	1.85E-01		0.167181	0.012095	2.48E-05	0.001687	0.180988	
4274	473363.09	3856877.25	1.61586	2.8247	2.10834	1.37332		1.46E-01	0.01195	3.9E-05	0.00318	0.1616		1.85E-01	0.015083	3.35E-05	0.001857	2.02E-01		0.182188	0.012972	2.74E-05	0.001972	0.197159	
4275	473863.09	3856877.25	1.67878	3.16811	2.25505	1.43949		1.52E-01	0.0134	4.2E-05	0.00333	0.16891		1.92E-01	0.016916	3.58E-05	0.001946	2.11E-01		0.189282	0.014549	2.93E-05	0.002067	0.205927	
4276	474363.09	3856877.25	1.66127	3.25786	2.18137	1.24751		1.51E-01	0.01378	4.1E-05	0.00289	0.16726		1.90E-01	0.017395	3.47E-05	0.001687	2.09E-01		0.187308	0.014961	2.83E-05	0.001791	0.204089	
4277	474863.09	3856877.25	1.55404	3.26805	1.99434	0.97922		1.41E-01	0.01383	3.7E-05	0.00227	0.15696		1.78E-01	0.01745	3.17E-05	0.001324	1.97E-01		0.175217	0.015008	2.59E-05	0.001406	0.191658	
4278	475363.09	3856877.25	1.15591	2.52574	1.61593	0.69432		1.05E-01	0.01069	3E-05	0.00161	0.11707		1.32E-01	0.013486	2.57E-05	0.000939	1.47E-01		0.130328	0.011599	2.1E-05	0.000997	0.142946	
4279	475863.09	3856877.25	1.08448	2.41922	1.51731	0.66463		9.83E-02	0.01023	2.8E-05	0.00154	0.11008		1.24E-01	0.012917	2.41E-05	0.000899	1.38E-01		0.122275	0.01111	1.97E-05	0.000954	0.134359	
4280	476363.09	3856877.25	0.81593	2.11373	1.1285	0.5717		7.39E-02	0.00894	2.1E-05	0.00132	0.08423		9.33E-02	0.011286	1.79E-05	0.000773	1.05E-01		0.091996	0.009707	1.46E-05	0.000821	0.102539	
4281	476863.09	3856877.25	0.71391	1.88697	1.00548	0.55036		6.47E-02	0.00798	1.9E-05	0.00127	0.07397		8.17E-02	0.010076	1.6E-05	0.000744	9.25E-02		0.080493	0.008666	1.31E-05	0.00079	0.089962	
4282	477363.09	3856877.25	0.57562	1.56602	0.82536	0.52765		5.22E-02	0.00663	1.5E-05	0.00122	0.06003		6.58E-02	0.008362	1.31E-05	0.000713	7.49E-02		0.064901	0.007192	1.07E-05	0.000758	0.072861	
4283	477863.09	3856877.25	0.39684	0.96658	0.5556	0.44352		3.60E-02	0.00409	1E-05	0.00103	0.04109		4.54E-02	0.005161	8.83E-06	0.0006	5.12E-02		0.044744	0.004439	7.21E-06	0.000637	0.049827	
4284	478363.09	3856877.25	0.36627	0.83044	0.4877	0.39415		3.32E-02	0.00351	9.1E-06	0.00091	0.03763		4.19E-02	0.004434	7.75E-06	0.000533	4.69E-02		0.041297	0.003814	6.33E-06	0.000566	0.045683	
4285	478863.09	3856877.25	0.44284	1.11754	0.59093	0.47137		4.01E-02	0.00473	1.1E-05	0.00109	0.04596		5.07E-02	0.005967	9.39E-06	0.000637	5.73E-02		0.04993	0.005132	7.67E-06	0.000677	0.055747	
4286	479363.09	3856877.25	0.54464	1.54475	0.7538	0.52686		4.94E-02	0.00654	1.4E-05	0.00122	0.05713		6.23E-02	0.008248	1.2E-05	0.000712	7.13E-02		0.061408	0.007094	9.78E-06	0.000757	0.069268	
4287	479863.09	3856877.25	1.71232	5.00703	2.39026	0.89226		1.55E-01	0.02118	4.5E-05	0.00207	0.17847		1.96E-01	0.026735	3.8E-05	0.001206	2.24E-01		0.193063	0.022994	3.1E-05	0.001281	0.21737	
4288	480363.09	3856877.25	3.09444	8.82345	4.34103	1.61315		2.80E-01	0.03733	8.1E-05	0.00374	0.32157		3.54E-01	0.047113	6.9E-05	0.002181	4.03E-01		0.348897	0.040521	5.63E-05	0.002317	0.391791	
4289	480863.09	3856877.25	3.8686	11.50209	5.323	2.911		3.51E-01	0.04866	1E-04	0.00674	0.40608		4.42E-01	0.061416	8.46E-05	0.003936	5.08E-01		0.436183	0.052822	6.91E-05	0.00418	0.493255	
4290	481363.09	3856877.25	3.99252	9.68161	5.38758	4.31363		3.62E-01	0.04096	0.0001	0.00999	0.41286		4.57E-01	0.051695	8.56E-05	0.005832	5.14E-01		0.450155	0.044462	6.99E-05	0.006195	0.500881	
4291	481863.09	3856877.25	4.21727	10.29707	5.76634	5.18394		3.82E-01	0.04356	0.00011	0.01201	0.43785		4.82E-01	0.054981	9.16E-05	0.007009	5.44E-01		0.475496	0.047288	7.48E-05	0.007444	0.530303	
4292	482363.09	3856877.25	4.16416	10.45646	5.74156	6.83091		3.77E-01	0.04424	0.00011	0.01582	0.43753		4.76E-01	0.055832	9.13E-05	0.009236	5.41E-01		0.469508	0.04802	7.45E-05	0.00981	0.527412	
4293	482863.09	3856877.25	4.39548	12.10678	6.05494	7.47061		3.98E-01	0.05122	0.00011	0.0173	0.46696		5.03E-01	0.064644	9.62E-05	0.010101	5.78E-01		0.495589	0.055599	7.86E-05	0.010728	0.561994	
4294	483363.09	3856877.25	4.77129	14.49261	6.5597	8.19863		4.32E-01	0.06131	0.00012	0.01899	0.51281		5.46E-01	0.077384	0.000104	0.011085	6.34E-01		0.537961	0.066555	8.51E-05	0.011774	0.616376	
4295	483863.09	3856877.25	5.23296	15.56257	7.22752	9.25612		4.74E-01	0.06584	0.00014	0.02144	0.56163		5.99E-01	0.083097	0.000115	0.012515	6.94E-01		0.590014	0.071469	9.38E-05	0.013292	0.67487	
4296	484363.09	3856877.25	5.87435	17.47017	8.24064	10.71721		5.32E-01	0.07391	0.00015	0.02482	0.63123		6.72E-01	0.093282	0.000131	0.014491	7.80E-01		0.662331	0.08023	0.000107	0.01539	0.758058	
4297	484863.09	3856877.25	6.82402	19.52019	9.58928	12.59537		6.18E-01	0.08258	0.00018	0.02917	0.73034		7.81E-01	0.104228	0.000152	0.01703	9.02E-01		0.769406	0.089644	0.000124	0.018088	0.877262	
4298	485363.09	3856877.25	8.7766	22.69062	12.17376	15.62423		7.95E-01	0.09599	0.00023	0.03619	0.92776		1.00E+00	0.121157	0.000193	0.021126	1.15E+00		0.989559	0.104204	0.000158	0.022437	1.116358	
4299	485863.09	3856877.25	12.22115	26.50759	16.90349	19.28631		1.11E+00	0.11214	0.00032	0.04467	1.26463		1.40E+00	0.141538	0.000269	0.026077	1.57E+00		1.37793	0.121733	0.000219	0.027696	1.527579	
4300	486363.09	3856877.25	21.5258	37.84057	39.51824	12.92533		1.95E+00	0.16008	0.00074	0.02994	2.14148		2.46E+00	0.202051	0.000628	0.017476	2.68E+00		2.427027	0.173778	0.000513	0.018561	2.619879	
4301	486863.09	3856877.25	24.61165	53.17298	54.1682	14.58922		2.23E+00	0.22495	0.00101	0.03379	2.49011		2.82E+00	0.283918	0.000861	0.019726	3.12E+00		2.774955	0.24419	0.000703	0.020951	3.040799	
4302	487363.09	3856877.25	16.33907	61.99739	22.52992	12.40284		1.48E+00	0.26228	0.00042	0.02873	1.77211		1.87E+00	0.331036	0.000358	0.01677	2.22E+00		1.842225	0.284715	0.000292	0.017811	2.145043	
4303	487863.09	3856877.25	12.66879	49.35658	17.10515	12.26264		1.15E+00	0.2088	0.00032	0.0284	1.3856		1.45E+00	0.263541	0.000272	0.01658	1.73E+00		1.428402	0.226664	0.000222	0.01761	1.672897	
4304	488363.09	3856877.25	9.92217	36.83368	13.35795	11.46663		8.99E-01	0.15583	0.00025	0.02656	1.0818		1.13E+00	0.196674	0.000212	0.015504	1.35E+00		1.118721	0.169154	0.000173	0.016467	1.304515	
4305	488863.09	3856877.25	8.18216	29.45572	10.81761	9.80409		7.41E-01	0.12461	0.0002	0.02271	0.88901		9.36E-01	0.157279	0.000172	0.013256	1.11E+00		0.922536	0.135272	0.00014	0.014079	1.072027	
4306	489363.09	3856877.25	6.80992	23.84581	9.18899	8.67088		6.17E-01	0.10088	0.00017	0.02008	0.73826		7.79E-01	0.127325	0.000146	0.011724	9.18E-01		0.767816	0.109509	0.000119	0.012452	0.889896	
4307	489863.09	3856877.25	5.92105	19.06	8.07768	7.60554		5.37E-01	0.08063	0.00015	0.01762	0.63498		6.77E-01	0.101771	0.000128	0.010284	7.89E-01		0.667596	0.087531	0.000105	0.010922	0.766154	
4308	490363.09	3856877.25	5.38619	15.50196	7.27837	6.31788		4.88E-01	0.06558	0.00014	0.01463	0.56846		6.16E-01	0.082773	0.000116	0.008542	7.07E-01		0.607291	0.071191	9.45E-05	0.009073	0.687649	
4309	490863.09	3856877.25	4.93592	13.41809	6.59658	5.38626		4.47E-01	0.05677	0.00012	0.01248	0.51667		5.65E-01	0.071646	0.000105	0.007283	6.44E-01		0.556523	0.061621	8.56E-05	0.007735	0.625965	
4310	491363.09	3856877.25	4.55316	12.18232	6.08348	4.61718		4.13E-01	0.05154	0.00011	0.01069	0.47496		5.21E-01	0.065048	9.67E-05	0.006243	5.92E-01		0.513367	0.055946	7.9E-05	0.006631	0.576022	
4311	491863.09	3856877.25	4.2978	11.0449	5.92395	3.83072		3.89E-01	0.04673	0.00011	0.00887	0.44518		4.92E-01	0.058974	9.42E-05	0.00518	5.56E-01		0.484575	0.050722	7.69E-05	0.005501	0.540876	
4312	492363.09	3856877.25	3.57929	8.52753	4.94695	1.91579		3.24E-01	0.03608	9.3E-05	0.00444	0.36497		4.09E-01	0.045533	7.86E-05	0.00259	4.58E-01		0.403564	0.039162	6.42E-05	0.002751	0.445541	
4313	492863.09	3856877.25	2.39498	5.14299	3.0411	1.11105		2.17E-01	0.02176	5.7E-05	0.00257	0.24143		2.74E-01	0.027461	4.83E-05	0.001502	3.03E-01		0.270033	0.023619	3.95E-05	0.001596	0.295287	
4314	493363.09	3856877.25	1.22243	2.47873	1.42703	0.73284		1.11E-01	0.01049	2.7E-05	0.0017	0.12299		1.40E-01	0.013235	2.27E-05	0.000991	1.54E-01		0.137829	0.011383	1.85E-05	0.001052	0.150283	
4315	493863.09	3856877.25	0.55282	1.34161	0.70209	0.54133		5.01E-02	0.00568	1.3E-05	0.00125	0.05704		6.32E-02	0.007164	1.12E-05	0.000732	7.11E-02		0.06233	0.006161	9.11E-06	0.000777	0.069278	
4316	494363.09	3856877.25	0.37669	0.8952	0.48612	0.45104		3.41E-02	0.00379	9.1E-06	0.00104	0.03898		4.31E-02	0.00478	7.73E-06	0.00061	4.85E-02		0.042472	0.004111	6.31E-06	0.000648	0.047237	
4317	494863.09	3856877.25	0.31209	0.71754	0.39946	0.40261		2.83E-02	0.00304	7.5E-06	0.00093	0.03226		3.57E-02	0.003831	6.35E-06	0.000544	4.01E-02		0.035188	0.003295	5.19E-06	0.000578	0.039067	
4318	495363.09	3856877.25	0.28793	0.64314	0.36686	0.36082		2.61E-02	0.00272	6.9E-06	0.00084	0.02966		3.29E-02	0.003434	5.83E-06	0.000488	3.69E-02		0.032464	0.002954	4.76E-06	0.000518	0.03594	
4319	495863.09	3856877.25	0.28433	0.62088	0.36049	0.35234		2.58E-02	0.00263	6.7E-06	0.00082	0.02922		3.25E-02	0.003315	5.73E-06	0.000476	3.63E-02		0.032058	0.002851	4.68E-06	0.000506	0.03542	
4320	496363.09	3856877.25	0.28364	0.60775	0.35815	0.35149		2.57E-02	0.00257	6.7E-06	0.00081	0.0291		3.24E-02	0.003245	5.69E-06	0.000475	3.62E-02		0.03198	0.002791	4.65E-06	0.000505	0.035281	
4321	496863.09	3856877.25	0.28385	0.62167	0.37153	0.36904		2.57E-02	0.00263	7E-06	0.00085	0.02921		3.25E-02	0.003319	5.9E-06	0.000499	3.63E-02		0.032004	0.002855	4.82E-06	0.00053	0.035394	
4322	497363.09	3856877.25	0.29465	0.65167	0.38722	0.37738		2.67E-02	0.00276	7.2E-06	0.00087	0.03034		3.37E-02	0.00348	6.15E-06	0.00051	3.77E-02		0.033222	0.002993	5.03E-06	0.000542	0.036761	
4323	497863.09	3856877.25	0.3562	0.77098	0.46644	0.38217		3.23E-02	0.00326	8.7E-06	0.00089	0.03644		4.07E-02	0.004117	7.41E-06	0.000517	4.54E-02		0.040161	0.003541	6.05E-06	0.000549	0.044257	
4324	498363.09	3856877.25	0.47629	0.97301	0.61341	0.40985		4.32E-02	0.00412	1.1E-05	0.00095	0.04824		5.45E-02	0.005195	9.75E-06	0.000554	6.02E-02		0.053702	0.004468	7.96E-06	0.000589	0.058766	
4325	471363.09	3857377.25	1.31247	2.28382	1.75345	1.20194		1.19E-01	0.00966	3.3E-05	0.00278	0.13142		1.50E-01	0.012195	2.79E-05	0.001625	1.64E-01		0.147981	0.010488	2.28E-05	0.001726	0.160218	
4326	471863.09	3857377.25	1.35216	2.42173	1.76341	1.15288		1.23E-01	0.01025	3.3E-05	0.00267	0.13548		1.55E-01	0.012931	2.8E-05	0.001559	1.69E-01		0.152456	0.011121	2.29E-05	0.001656	0.165256	
4327	472363.09	3857377.25	1.42421	2.62343	1.81142	1.18467		1.29E-01	0.0111	3.4E-05	0.00274	0.14294		1.63E-01	0.014008	2.88E-05	0.001602	1.79E-01		0.160579	0.012048	2.35E-05	0.001701	0.174352	

4328	472863.09	3857377.25	1.51397	2.71123	1.90476	1.25152	1.37E-01	0.01147	3.6E-05	0.0029	0.1516	1.73E-01	0.014477	3.03E-05	0.001692	1.89E-01	0.1707	0.012451	2.47E-05	0.001797	0.184973
4329	473363.09	3857377.25	1.60509	2.84578	2.01786	1.37603	1.45E-01	0.01204	3.8E-05	0.00319	0.16072	1.84E-01	0.015195	3.21E-05	0.001861	2.01E-01	0.180973	0.013069	2.62E-05	0.001976	0.196044
4330	473863.09	3857377.25	1.72571	2.79112	2.23521	1.55854	1.56E-01	0.01181	4.2E-05	0.00361	0.17185	1.97E-01	0.014903	3.55E-05	0.002107	2.14E-01	0.194573	0.012818	2.9E-05	0.002238	0.209658
4331	474363.09	3857377.25	1.63296	2.81709	2.16913	1.19612	1.48E-01	0.01192	4.1E-05	0.00277	0.16271	1.87E-01	0.015042	3.45E-05	0.001617	2.03E-01	0.184116	0.012937	2.82E-05	0.001718	0.198799
4332	474863.09	3857377.25	1.11264	2.30976	1.53261	0.67808	1.01E-01	0.00977	2.9E-05	0.00157	0.1122	1.27E-01	0.012333	2.44E-05	0.000917	1.41E-01	0.12545	0.010607	1.99E-05	0.000974	0.137051
4333	475363.09	3857377.25	0.61513	1.45463	0.86285	0.46389	5.57E-02	0.00615	1.6E-05	0.00107	0.06299	7.04E-02	0.007767	1.37E-05	0.000627	7.88E-02	0.069356	0.00668	1.12E-05	0.000666	0.076713
4334	475863.09	3857377.25	0.52079	1.28792	0.72914	0.43043	4.72E-02	0.00545	1.4E-05	0.001	0.05365	5.96E-02	0.006877	1.16E-05	0.000582	6.70E-02	0.058719	0.005915	9.46E-06	0.000618	0.065261
4335	476363.09	3857377.25	0.72499	1.8009	1.01945	0.51623	6.57E-02	0.00762	1.9E-05	0.0012	0.07453	8.29E-02	0.009616	1.62E-05	0.000698	9.33E-02	0.081742	0.00827	1.32E-05	0.000741	0.090767
4336	476863.09	3857377.25	0.75556	2.05379	1.03901	0.52807	6.85E-02	0.00869	1.9E-05	0.00122	0.0784	8.64E-02	0.010966	1.65E-05	0.000714	9.81E-02	0.085189	0.009432	1.35E-05	0.000758	0.095393
4337	477363.09	3857377.25	0.58417	1.63969	0.82857	0.49595	5.29E-02	0.00694	1.6E-05	0.00115	0.06104	6.68E-02	0.008755	1.32E-05	0.000671	7.63E-02	0.065865	0.00753	1.08E-05	0.000712	0.074118
4338	477863.09	3857377.25	0.4418	1.14318	0.57858	0.43228	4.00E-02	0.00484	1.1E-05	0.001	0.04589	5.05E-02	0.006104	9.2E-06	0.000584	5.72E-02	0.049813	0.00525	7.51E-06	0.000621	0.055691
4339	478363.09	3857377.25	0.36967	0.8557	0.46744	0.37934	3.35E-02	0.00362	8.8E-06	0.00088	0.03801	4.23E-02	0.004569	7.43E-06	0.000513	4.74E-02	0.04168	0.00393	6.07E-06	0.000545	0.046161
4340	478863.09	3857377.25	0.33321	0.70759	0.41011	0.36467	3.02E-02	0.00299	7.7E-06	0.00084	0.03404	3.81E-02	0.003778	6.52E-06	0.000493	4.24E-02	0.037569	0.00325	5.32E-06	0.000524	0.041348
4341	479363.09	3857377.25	0.44683	1.22813	0.61327	0.46639	4.05E-02	0.0052	1.1E-05	0.00108	0.04678	5.11E-02	0.006558	9.75E-06	0.000631	5.83E-02	0.05038	0.00564	7.96E-06	0.00067	0.056698
4342	479863.09	3857377.25	1.32396	4.03611	1.84571	0.74655	1.20E-01	0.01707	3.5E-05	0.00173	0.13882	1.51E-01	0.021551	2.93E-05	0.001009	1.74E-01	0.149276	0.018535	2.4E-05	0.001072	0.168907
4343	480363.09	3857377.25	0.89412	2.72038	1.22567	0.69124	8.10E-02	0.01151	2.3E-05	0.0016	0.09416	1.02E-01	0.014526	1.95E-05	0.000935	1.18E-01	0.100812	0.012493	1.59E-05	0.000993	0.114313
4344	480863.09	3857377.25	3.62422	7.97208	4.98618	2.80828	3.28E-01	0.03373	9.3E-05	0.0065	0.36876	4.15E-01	0.042567	7.92E-05	0.003797	4.61E-01	0.40863	0.036611	6.47E-05	0.004033	0.449338
4345	481363.09	3857377.25	3.79074	9.34436	5.25868	2.7833	3.44E-01	0.03953	9.8E-05	0.00645	0.3896	4.34E-01	0.049894	8.36E-05	0.003763	4.87E-01	0.427405	0.042913	6.83E-05	0.003997	0.474383
4346	481863.09	3857377.25	3.93264	9.85285	5.43409	3.96405	3.56E-01	0.04168	0.0001	0.00918	0.40735	4.50E-01	0.05261	8.64E-05	0.00536	5.08E-01	0.443404	0.045248	7.05E-05	0.005693	0.494415
4347	482363.09	3857377.25	3.91582	10.27201	5.35518	5.87611	3.55E-01	0.04346	0.0001	0.01361	0.41203	4.48E-01	0.054848	8.51E-05	0.007945	5.11E-01	0.441507	0.047173	6.95E-05	0.008438	0.497188
4348	482863.09	3857377.25	3.92832	10.61746	5.45008	6.45116	3.56E-01	0.04492	0.0001	0.01494	0.41595	4.49E-01	0.056692	8.66E-05	0.008723	5.15E-01	0.442917	0.048759	7.07E-05	0.009264	0.501011
4349	483363.09	3857377.25	4.12741	11.64097	5.7096	7.0857	3.74E-01	0.04925	0.00011	0.01641	0.4398	4.72E-01	0.062157	9.07E-05	0.009581	5.44E-01	0.465364	0.05346	7.41E-05	0.010175	0.529073
4350	483863.09	3857377.25	4.40219	13.4536	6.11346	7.68856	3.99E-01	0.05692	0.00011	0.01781	0.47377	5.04E-01	0.071836	9.72E-05	0.010396	5.86E-01	0.496345	0.061784	7.94E-05	0.011041	0.56925
4351	484363.09	3857377.25	4.77779	13.71732	6.59684	8.61241	4.33E-01	0.05803	0.00012	0.01995	0.51108	5.46E-01	0.073244	0.000105	0.011645	6.31E-01	0.538694	0.062995	8.56E-05	0.012368	0.614143
4352	484863.09	3857377.25	5.35605	16.53238	7.33281	9.87499	4.85E-01	0.06994	0.00014	0.02287	0.57833	6.13E-01	0.088275	0.000117	0.013352	7.14E-01	0.603893	0.075923	9.52E-05	0.014181	0.694092
4353	485363.09	3857377.25	6.22059	19.91504	8.72913	11.62968	5.64E-01	0.08425	0.00016	0.02694	0.67507	7.12E-01	0.106337	0.000139	0.015725	8.34E-01	0.701369	0.091457	0.000113	0.016701	0.809641
4354	485863.09	3857377.25	8.01776	28.53764	10.98367	14.1789	7.27E-01	0.12073	0.00021	0.03284	0.88036	9.17E-01	0.152377	0.000175	0.019171	1.09E+00	0.904	0.131055	0.000143	0.020362	1.055559
4355	486363.09	3857377.25	11.47429	38.21855	15.50954	17.22941	1.04E+00	0.16168	0.00029	0.03991	1.24171	1.31E+00	0.204069	0.000246	0.023296	1.54E+00	1.293722	0.175514	0.000201	0.024742	1.49418
4356	486863.09	3857377.25	25.82545	86.29145	26.96861	15.35296	2.34E+00	0.36506	0.0005	0.03556	2.74148	2.95E+00	0.460755	0.000429	0.020759	3.44E+00	2.911811	0.396282	0.00035	0.022048	3.330491
4357	487363.09	3857377.25	16.52354	82.9173	27.00091	24.71019	1.50E+00	0.35078	0.00051	0.05723	1.90592	1.89E+00	0.442739	0.000429	0.033411	2.37E+00	1.863023	0.380787	0.00035	0.035485	2.279646
4358	487863.09	3857377.25	14.62905	55.13407	21.16713	19.18482	1.33E+00	0.23325	0.0004	0.04444	1.60379	1.67E+00	0.29439	0.000336	0.02594	1.99E+00	1.64942	0.253196	0.000275	0.02755	1.930442
4359	488363.09	3857377.25	12.34829	41.17234	16.8309	16.76413	1.12E+00	0.17418	0.00032	0.03883	1.33235	1.41E+00	0.219841	0.000267	0.022667	1.66E+00	1.392265	0.189079	0.000218	0.024074	1.605637
4360	488863.09	3857377.25	9.91559	30.38304	13.31591	13.87562	8.99E-01	0.12854	0.00025	0.03214	1.0595	1.13E+00	0.162231	0.000212	0.018761	1.32E+00	1.117979	0.13953	0.000173	0.019926	1.277609
4361	489363.09	3857377.25	8.04426	23.34122	11.04402	11.57819	7.29E-01	0.09875	0.00021	0.02682	0.85476	9.20E-01	0.124631	0.000176	0.015655	1.06E+00	0.906988	0.107192	0.000143	0.016627	1.030949
4362	489863.09	3857377.25	7.02291	18.80658	9.467	9.40119	6.36E-01	0.07956	0.00018	0.02177	0.73794	8.03E-01	0.100418	0.00015	0.012711	9.17E-01	0.791831	0.086367	0.000123	0.013501	0.891821
4363	490363.09	3857377.25	6.06303	15.42175	8.09297	7.7214	5.49E-01	0.06524	0.00015	0.01788	0.63272	6.93E-01	0.082345	0.000129	0.01044	7.86E-01	0.683605	0.070822	0.000105	0.011088	0.76562
4364	490863.09	3857377.25	5.28836	12.93609	7.11788	6.58907	4.79E-01	0.05473	0.00013	0.01526	0.54936	6.05E-01	0.069073	0.000113	0.008909	6.83E-01	0.596261	0.059407	9.24E-05	0.009462	0.665223
4365	491363.09	3857377.25	4.82264	10.83369	6.46238	5.71568	4.37E-01	0.04583	0.00012	0.01324	0.49623	5.52E-01	0.057847	0.000103	0.007728	6.17E-01	0.543751	0.049752	8.39E-05	0.008208	0.601795
4366	491863.09	3857377.25	4.61685	10.30134	6.2759	4.24398	4.18E-01	0.04358	0.00012	0.00983	0.47192	5.28E-01	0.055004	9.97E-05	0.005738	5.89E-01	0.520548	0.047308	8.15E-05	0.006095	0.574032
4367	492363.09	3857377.25	3.49432	7.35074	4.80446	1.76259	3.17E-01	0.0311	9E-05	0.00408	0.35193	4.00E-01	0.039249	7.64E-05	0.002383	4.41E-01	0.393983	0.033757	6.24E-05	0.002531	0.430334
4368	492863.09	3857377.25	1.68266	3.20949	2.08752	0.93204	1.52E-01	0.01358	3.9E-05	0.00216	0.16826	1.92E-01	0.017137	3.32E-05	0.00126	2.11E-01	0.189719	0.014739	2.71E-05	0.001338	0.205824
4369	493363.09	3857377.25	0.73893	1.59869	0.93127	0.6252	6.70E-02	0.00676	1.7E-05	0.00145	0.07519	8.45E-02	0.008536	1.48E-05	0.000845	9.39E-02	0.083314	0.007342	1.21E-05	0.000898	0.091566
4370	493863.09	3857377.25	0.55435	1.24703	0.7153	0.55152	5.02E-02	0.00528	1.3E-05	0.00128	0.0568	6.34E-02	0.006659	1.14E-05	0.000746	7.08E-02	0.062503	0.005727	9.28E-06	0.000792	0.069031
4371	494363.09	3857377.25	0.4276	0.989	0.5416	0.46857	3.88E-02	0.00418	1E-05	0.00109	0.04403	4.89E-02	0.005281	8.61E-06	0.000634	5.48E-02	0.048212	0.004542	7.03E-06	0.000673	0.053434
4372	494863.09	3857377.25	0.37113	0.86683	0.48306	0.44418	3.36E-02	0.00367	9E-06	0.00103	0.03834	4.24E-02	0.004628	7.68E-06	0.000601	4.77E-02	0.041845	0.003981	6.27E-06	0.000638	0.04647
4373	495363.09	3857377.25	0.33875	0.77146	0.43853	0.42105	3.07E-02	0.00326	8.2E-06	0.00098	0.03495	3.87E-02	0.004119	6.97E-06	0.000569	4.34E-02	0.038194	0.003543	5.69E-06	0.000605	0.042347
4374	495863.09	3857377.25	0.33282	0.74246	0.42679	0.39712	3.02E-02	0.00314	8E-06	0.00092	0.03423	3.81E-02	0.003964	6.78E-06	0.000537	4.26E-02	0.037525	0.00341	5.54E-06	0.00057	0.041511
4375	496363.09	3857377.25	0.33153	0.72935	0.42719	0.39466	3.00E-02	0.00309	8E-06	0.00091	0.03405	3.79E-02	0.003894	6.79E-06	0.000534	4.24E-02	0.03738	0.003349	5.55E-06	0.000567	0.041302
4376	496863.09	3857377.25	0.33618	0.73924	0.43843	0.39011	3.05E-02	0.00313	8.2E-06	0.0009	0.0345	3.85E-02	0.003947	6.97E-06	0.000527	4.29E-02	0.037904	0.003395	5.69E-06	0.00056	0.041865
4377	497363.09	3857377.25	0.37532	0.7752	0.48413	0.3856	3.40E-02	0.00328	9.1E-06	0.00089	0.03819	4.29E-02	0.004139	7.69E-06	0.000521	4.76E-02	0.042317	0.00356	6.28E-06	0.000554	0.046437
4378	497863.09	3857377.25	0.44946	0.90963	0.57358	0.40249	4.07E-02	0.00385	1.1E-05	0.00093	0.04552	5.14E-02	0.004857	9.12E-06	0.000544	5.68E-02	0.050676	0.004177	7.45E-06	0.000578	0.055439
4379	498363.09	3857377.25	0.77297	1.42403	0.93756	0.51318	7.00E-02	0.00602	1.8E-05	0.00119	0.07728	8.84E-02	0.007604	1.49E-05	0.000694	9.67E-02	0.087152	0.00654	1.22E-05	0.000737	0.094441
4380	471363.09	3857877.25	1.37443	1.86568	1.79843	1.19316	1.25E-01	0.00789	3.4E-05	0.00276	0.13524	1.57E-01	0.009962	2.86E-05	0.001613	1.69E-01	0.154967	0.008568	2.33E-05	0.001713	0.165271
4381	471863.09	3857877.25	1.43053	1.85456	1.8762	1.19507	1.30E-01	0.00785	3.5E-05	0.00277	0.14029	1.64E-01	0.009902	2.98E-05	0.001616	1.75E-01	0.161292	0.008517	2.44E-05	0.001716	0.171549
4382	472363.09	3857877.25	1.46623	2.11943	1.93594	1.22608	1.33E-01	0.00897	3.6E-05	0.00284	0.14472	1.68E-01	0.011317	3.08E-05	0.001658	1.81E-01	0.165317	0.009733	2.51E-05	0.001761	0.176836
4383	472863.09	3857877.25	1.57422	2.23094	2.04623	1.33662	1.43E-01	0.00944	3.8E-05	0.0031	0.15523	1.80E-01	0.011912	3.25E-05	0.001807	1.94E-01	0.177493	0.010245	2.66E-05	0.001919	0.189684
4384	473363.09	3857877.25	1.6292	2.42116	2.13796	1.36435	1.48E-01	0.01024	4E-05	0.00316	0.16108	1.86E-01	0.012928	3.4E-05	0.001845	2.01E-01	0.183692	0.011119	2.78E-05	0.001959	0.196798
4385	473863.09	3857877.25	1.70036	2.63384	2.24975	1.49325	1.54E-01	0.01114	4.2E-05	0.00346	0.16873	1.94E-01	0.014063	3.58E-05	0.002019	2.11E-01	0.191715	0.012096	2.92E-05	0.002144	0.205984
4386	474363.09	3857877.25	1.5642	2.89083	2.13661	1.10627	1.42E-01	0.01223	4E-05	0.00256	0.15658	1.79E-01	0.015436	3.4E-05	0.001496	1.96E-01	0.176363	0.013276	2.77E-05	0.001589	0.191255
4387	474863.09	3857877.25	1.04589	2.1197	1.42814	0.62507	9.48E-02	0.00897	2.7E-05	0.00145	0.10522	1.20E-01	0.011318	2.27E-05	0.000845	1.32E-01	0.117924	0.009734	1.85E-05	0.000898	0.128574
4388	475363.09	3857877.25	0.41752	1.12133	0.58511	0.37547	3.78E-02	0.00474	1.1E-05	0.00087	0.04346	4.78E-02	0.005987	9.3E-06	0.000508	5.43E-02	0.047075	0.00515	7.59E-06	0.000539	0.052772

4389	475863.09	3857877.25	0.21204	0.4248	0.27736	0.25127	1.92E-02	0.0018	5.2E-06	0.00058	0.0216	2.43E-02	0.002268	4.41E-06	0.00034	2.69E-02	0.023907	0.001951	3.6E-06	0.000361	0.026223
4390	476363.09	3857877.25	0.46275	1.24475	0.63257	0.42836	4.19E-02	0.00527	1.2E-05	0.00099	0.04821	5.29E-02	0.006646	1.01E-05	0.000579	6.02E-02	0.052175	0.005716	8.21E-06	0.000615	0.058515
4391	476863.09	3857877.25	0.57314	1.53958	0.78771	0.46564	5.19E-02	0.00651	1.5E-05	0.00108	0.05955	6.56E-02	0.008221	1.25E-05	0.00063	7.44E-02	0.064621	0.00707	1.02E-05	0.000669	0.072371
4392	477363.09	3857877.25	0.53043	1.52358	0.75356	0.48511	4.81E-02	0.00645	1.4E-05	0.00112	0.05565	6.07E-02	0.008135	1.2E-05	0.000656	6.95E-02	0.059806	0.006997	9.78E-06	0.000697	0.067509
4393	477863.09	3857877.25	0.49625	1.41774	0.68752	0.47877	4.50E-02	0.006	1.3E-05	0.00111	0.05209	5.68E-02	0.00757	1.09E-05	0.000647	6.50E-02	0.055952	0.006511	8.92E-06	0.000688	0.063159
4394	478363.09	3857877.25	0.31482	0.76692	0.43672	0.33767	2.85E-02	0.00324	8.2E-06	0.00078	0.03256	3.60E-02	0.004095	6.94E-06	0.000457	4.06E-02	0.035496	0.003522	5.67E-06	0.000485	0.039508
4395	478863.09	3857877.25	0.26744	0.61171	0.3616	0.32729	2.42E-02	0.00259	6.8E-06	0.00076	0.02759	3.06E-02	0.003266	5.75E-06	0.000443	3.43E-02	0.030154	0.002809	4.69E-06	0.00047	0.033438
4396	479363.09	3857877.25	1.3057	3.76557	1.79089	0.72188	1.18E-01	0.01593	3.4E-05	0.00167	0.13596	1.49E-01	0.020106	2.85E-05	0.000976	1.70E-01	0.147217	0.017293	2.32E-05	0.001037	0.16557
4397	479863.09	3857877.25	2.75536	6.32021	3.8886	1.64871	2.50E-01	0.02674	7.3E-05	0.00382	0.28033	3.15E-01	0.033747	6.18E-05	0.002229	3.51E-01	0.310666	0.029025	5.05E-05	0.002368	0.342109
4398	480363.09	3857877.25	3.14813	6.92407	4.37088	2.4931	2.85E-01	0.02929	8.2E-05	0.00577	0.32044	3.60E-01	0.036971	6.95E-05	0.003371	4.00E-01	0.354951	0.031798	5.67E-05	0.00358	0.390385
4399	480863.09	3857877.25	3.28481	8.06062	4.52855	2.69681	2.98E-01	0.0341	8.5E-05	0.00625	0.33811	3.76E-01	0.04304	7.2E-05	0.003646	4.22E-01	0.370361	0.037017	5.88E-05	0.003873	0.41131
4400	481363.09	3857877.25	3.43292	8.68457	4.69991	2.89718	3.11E-01	0.03674	8.8E-05	0.00671	0.35464	3.93E-01	0.046371	7.47E-05	0.003917	4.43E-01	0.387061	0.039883	6.1E-05	0.004161	0.431165
4401	481863.09	3857877.25	3.56559	9.59936	4.91434	3.44516	3.23E-01	0.04061	9.2E-05	0.00798	0.3718	4.08E-01	0.051256	7.81E-05	0.004658	4.64E-01	0.402019	0.044084	6.38E-05	0.004947	0.451114
4402	482363.09	3857877.25	3.64771	9.5774	5.00894	4.82585	3.31E-01	0.04052	9.4E-05	0.01118	0.38235	4.17E-01	0.051139	7.96E-05	0.006525	4.75E-01	0.411278	0.043983	6.5E-05	0.00693	0.462256
4403	482863.09	3857877.25	3.43568	10.25236	4.70436	5.78512	3.11E-01	0.04337	8.8E-05	0.0134	0.36821	3.93E-01	0.054743	7.48E-05	0.007822	4.56E-01	0.387372	0.047083	6.11E-05	0.008308	0.442823
4404	483363.09	3857877.25	3.53068	10.54994	4.8614	6.18861	3.20E-01	0.04463	9.1E-05	0.01433	0.37901	4.04E-01	0.056332	7.73E-05	0.008368	4.69E-01	0.398083	0.048449	6.31E-05	0.008887	0.455482
4405	483863.09	3857877.25	3.68805	12.66219	5.12645	6.70015	3.34E-01	0.05357	9.6E-05	0.01552	0.4034	4.22E-01	0.06761	8.15E-05	0.009059	4.99E-01	0.415826	0.058149	6.65E-05	0.009622	0.483664
4406	484363.09	3857877.25	3.94686	13.72876	5.44489	7.27863	3.58E-01	0.05808	0.0001	0.01686	0.43271	4.51E-01	0.073305	8.65E-05	0.009841	5.35E-01	0.445007	0.063048	7.07E-05	0.010452	0.518578
4407	484863.09	3857877.25	4.35088	15.41702	5.92078	8.02858	3.94E-01	0.06522	0.00011	0.0186	0.47821	4.98E-01	0.08232	9.41E-05	0.010856	5.91E-01	0.49056	0.070801	7.69E-05	0.011529	0.572967
4408	485363.09	3857877.25	4.94971	20.3333	6.66412	9.27374	4.49E-01	0.08602	0.00012	0.02148	0.55618	5.66E-01	0.10857	0.000106	0.012539	6.87E-01	0.558078	0.093378	8.65E-05	0.013318	0.66486
4409	485863.09	3857877.25	6.02561	27.39814	8.01465	10.85673	5.46E-01	0.11591	0.00015	0.02515	0.68726	6.89E-01	0.146293	0.000127	0.014679	8.50E-01	0.679385	0.125822	0.000104	0.015591	0.820903
4410	486363.09	3857877.25	7.79882	31.74558	10.39268	13.48193	7.07E-01	0.1343	0.00019	0.03123	0.87247	8.92E-01	0.169506	0.000165	0.018229	1.08E+00	0.879314	0.145787	0.000135	0.019361	1.044597
4411	486863.09	3857877.25	9.98951	41.91813	13.40748	17.14558	9.05E-01	0.17734	0.00025	0.03971	1.12257	1.14E+00	0.223823	0.000213	0.023183	1.39E+00	1.126314	0.192504	0.000174	0.024622	1.343613
4412	487363.09	3857877.25	15.78799	57.62716	17.15179	27.67924	1.43E+00	0.24379	0.00032	0.06411	1.73896	1.81E+00	0.307701	0.000273	0.037425	2.15E+00	1.78009	0.264645	0.000223	0.039749	2.084707
4413	487863.09	3857877.25	15.93981	33.78514	16.01054	41.79079	1.44E+00	0.14293	0.0003	0.0968	1.68452	1.82E+00	0.180396	0.000254	0.056506	2.06E+00	1.797208	0.155154	0.000208	0.060014	2.012584
4414	488363.09	3857877.25	11.49145	32.87861	18.73272	23.75069	1.04E+00	0.13909	0.00035	0.05501	1.23583	1.31E+00	0.175556	0.000298	0.032114	1.52E+00	1.295657	0.150991	0.000243	0.034107	1.480998
4415	488863.09	3857877.25	10.65969	27.8128	16.12448	18.4342	9.66E-01	0.11766	0.0003	0.0427	1.12666	1.22E+00	0.148507	0.000256	0.024925	1.39E+00	1.201876	0.127727	0.000209	0.026472	1.356285
4416	489363.09	3857877.25	9.65835	22.71368	13.40365	14.84531	8.75E-01	0.09609	0.00025	0.03438	1.00599	1.10E+00	0.12128	0.000213	0.020072	1.25E+00	1.088976	0.10431	0.000174	0.021319	1.214778
4417	489863.09	3857877.25	8.12682	19.03425	11.10984	11.68491	7.36E-01	0.08052	0.00021	0.02706	0.84427	9.30E-01	0.101634	0.000177	0.015799	1.05E+00	0.916296	0.087412	0.000144	0.01678	1.020633
4418	490363.09	3857877.25	6.82798	15.52312	9.45216	9.77199	6.19E-01	0.06567	0.00018	0.02263	0.70725	7.81E-01	0.082886	0.00015	0.013213	8.77E-01	0.769852	0.071288	0.000123	0.014033	0.855296
4419	490863.09	3857877.25	5.96349	12.91335	8.30032	8.37572	5.40E-01	0.05463	0.00016	0.0194	0.61461	6.82E-01	0.068951	0.000132	0.011325	7.63E-01	0.672381	0.059303	0.000108	0.012028	0.74382
4420	491363.09	3857877.25	5.55408	12.02558	7.33525	6.23711	5.03E-01	0.05087	0.00014	0.01445	0.56878	6.35E-01	0.064211	0.000117	0.008433	7.08E-01	0.626221	0.055226	9.52E-05	0.008957	0.690499
4421	491863.09	3857877.25	5.20086	11.02704	6.8915	3.81986	4.71E-01	0.04665	0.00013	0.00885	0.52694	5.95E-01	0.058879	0.00011	0.005165	6.59E-01	0.586395	0.05064	8.95E-05	0.005486	0.64261
4422	492363.09	3857877.25	3.17642	6.08287	4.1289	1.46372	2.88E-01	0.02573	7.7E-05	0.00339	0.31706	3.63E-01	0.03248	6.56E-05	0.001979	3.98E-01	0.35814	0.027935	5.36E-05	0.002102	0.388231
4423	492863.09	3857877.25	1.34378	2.46562	1.58353	0.88342	1.22E-01	0.01043	3E-05	0.00205	0.13428	1.54E-01	0.013165	2.52E-05	0.001194	1.68E-01	0.151511	0.011323	2.06E-05	0.001269	0.164123
4424	493363.09	3857877.25	0.89096	1.70612	1.09999	0.73166	8.07E-02	0.00722	2.1E-05	0.00169	0.08967	1.02E-01	0.00911	1.75E-05	0.000989	1.12E-01	0.100455	0.007835	1.43E-05	0.001051	0.109356
4425	493863.09	3857877.25	0.72685	1.46839	0.93519	0.60069	6.59E-02	0.00621	1.8E-05	0.00139	0.07349	8.31E-02	0.00784	1.49E-05	0.000812	9.18E-02	0.081952	0.006743	1.21E-05	0.000863	0.08957
4426	494363.09	3857877.25	0.64523	1.31819	0.82384	0.5527	5.85E-02	0.00558	1.5E-05	0.00128	0.06534	7.38E-02	0.007039	1.31E-05	0.000747	8.16E-02	0.072749	0.006054	1.07E-05	0.000794	0.079607
4427	494863.09	3857877.25	0.5081	1.09154	0.66584	0.47223	4.60E-02	0.00462	1.2E-05	0.00109	0.05177	5.81E-02	0.005828	1.06E-05	0.000639	6.46E-02	0.057288	0.005013	8.64E-06	0.000678	0.062988
4428	495363.09	3857877.25	0.47323	1.01058	0.61984	0.45763	4.29E-02	0.00428	1.2E-05	0.00106	0.04823	5.41E-02	0.005396	9.85E-06	0.000619	6.02E-02	0.053357	0.004641	8.05E-06	0.000657	0.058663
4429	495863.09	3857877.25	0.44938	0.92721	0.58654	0.44077	4.07E-02	0.00392	1.1E-05	0.00102	0.04568	5.14E-02	0.004951	9.32E-06	0.000596	5.70E-02	0.050667	0.004258	7.61E-06	0.000633	0.055566
4430	496363.09	3857877.25	0.46214	0.91203	0.60095	0.43847	4.19E-02	0.00386	1.1E-05	0.00102	0.04677	5.29E-02	0.00487	9.55E-06	0.000593	5.83E-02	0.052106	0.004188	7.8E-06	0.00063	0.056932
4431	496863.09	3857877.25	0.48175	0.94808	0.62128	0.44083	4.37E-02	0.00401	1.2E-05	0.00102	0.0487	5.51E-02	0.005062	9.87E-06	0.000596	6.08E-02	0.054317	0.004354	8.06E-06	0.000633	0.059312
4432	497363.09	3857877.25	0.48787	0.97207	0.63012	0.43322	4.42E-02	0.00411	1.2E-05	0.001	0.04934	5.58E-02	0.00519	1E-05	0.000586	6.16E-02	0.055007	0.004464	8.18E-06	0.000622	0.060102
4433	497863.09	3857877.25	0.69184	1.31874	0.85494	0.52116	6.27E-02	0.00558	1.6E-05	0.00121	0.0695	7.91E-02	0.007041	1.36E-05	0.000705	8.69E-02	0.078005	0.006056	1.11E-05	0.000748	0.08482
4434	498363.09	3857877.25	1.00221	1.82318	1.31416	0.62994	9.08E-02	0.00771	2.5E-05	0.00146	0.10002	1.15E-01	0.009735	2.09E-05	0.000852	1.25E-01	0.112999	0.008373	1.71E-05	0.000905	0.122293
4435	471363.09	3858377.25	1.43777	2.08526	1.87556	1.34978	1.30E-01	0.00882	3.5E-05	0.00313	0.14228	1.64E-01	0.011134	2.98E-05	0.001825	1.77E-01	0.162108	0.009576	2.43E-05	0.001938	0.173647
4436	471863.09	3858377.25	1.45084	2.21973	1.92853	1.31951	1.31E-01	0.00939	3.6E-05	0.00306	0.14396	1.66E-01	0.011852	3.07E-05	0.001784	1.80E-01	0.163582	0.010194	2.5E-05	0.001895	0.175695
4437	472363.09	3858377.25	1.47223	2.45103	1.97369	1.30383	1.33E-01	0.01037	3.7E-05	0.00302	0.14684	1.68E-01	0.013087	3.14E-05	0.001763	1.83E-01	0.165993	0.011256	2.56E-05	0.001872	0.179147
4438	472863.09	3858377.25	1.54055	2.68476	2.03523	1.36659	1.40E-01	0.01136	3.8E-05	0.00317	0.15417	1.76E-01	0.014335	3.23E-05	0.001848	1.92E-01	0.173696	0.012329	2.64E-05	0.001962	0.188015
4439	473363.09	3858377.25	1.63691	2.84271	2.19341	1.60862	1.48E-01	0.01203	4.1E-05	0.00373	0.16413	1.87E-01	0.015179	3.49E-05	0.002175	2.05E-01	0.184561	0.013055	2.85E-05	0.00231	0.199954
4440	473863.09	3858377.25	1.66419	3.11899	2.20667	1.46705	1.51E-01	0.01319	4.1E-05	0.0034	0.16745	1.90E-01	0.016654	3.51E-05	0.001984	2.09E-01	0.187637	0.014324	2.86E-05	0.002107	0.204096
4441	474363.09	3858377.25	1.56412	3.12854	2.08217	1.01445	1.42E-01	0.01324	3.9E-05	0.00235	0.15737	1.79E-01	0.016705	3.31E-05	0.001372	1.97E-01	0.176354	0.014367	2.7E-05	0.001457	0.192205
4442	474863.09	3858377.25	1.10906	2.49525	1.52576	0.62259	1.01E-01	0.01056	2.9E-05	0.00144	0.11253	1.27E-01	0.013323	2.42E-05	0.000842	1.41E-01	0.125046	0.011459	1.98E-05	0.000894	0.137419
4443	475363.09	3858377.25	0.54249	1.46204	0.7645	0.418	4.92E-02	0.00619	1.4E-05	0.00097	0.05633	6.20E-02	0.007807	1.22E-05	0.000565	7.04E-02	0.061166	0.006714	9.92E-06	0.0006	0.06849
4444	475863.09	3858377.25	0.37557	0.95861	0.51455	0.34215	3.40E-02	0.00406	9.6E-06	0.00079	0.03889	4.30E-02	0.005119	8.18E-06	0.000463	4.85E-02	0.042345	0.004402	6.68E-06	0.000491	0.047246
4445	476363.09	3858377.25	0.3932	1.02075	0.55493	0.36714	3.56E-02	0.00432	1E-05	0.00085	0.04081	4.50E-02	0.00545	8.82E-06	0.000496	5.09E-02	0.044333	0.004688	7.2E-06	0.000527	0.049555
4446	476863.09	3858377.25	0.41089	1.14095	0.58586	0.38435	3.72E-02	0.00483	1.1E-05	0.00089	0.04296	4.70E-02	0.006092	9.31E-06	0.00052	5.36E-02	0.046328	0.00524	7.6E-06	0.000552	0.052127
4447	477363.09	3858377.25	0.38598	1.03859	0.54198	0.39478	3.50E-02	0.00439	1E-05	0.00091	0.0403	4.41E-02	0.005546	8.61E-06	0.000534	5.02E-02	0.043519	0.00477	7.04E-06	0.000567	0.048863
4448	477863.09	3858377.25	0.49482	1.45004	0.69648	0.46336	4.48E-02	0.00613	1.3E-05	0.00107	0.05206	5.66E-02	0.007743	1.11E-05	0.000627	6.50E-02	0.055791	0.006659	9.04E-06	0.000665	0.063124
4449	478363.09	3858377.25	0.52487	1.55395	0.72699	0.47634	4.76E-02	0.00657	1.4E-05	0.0011	0.05526	6.00E-02	0.008297	1.16E-05	0.000644	6.90E-02	0.059179	0.007136	9.44E-06	0.000684	0.067009

4450	478863.09	3858377.25	0.3762	1.03469	0.50926	0.39899	3.41E-02	0.00438	9.5E-06	0.00092	0.0394	4.30E-02	0.005525	8.09E-06	0.000539	4.91E-02	0.042416	0.004752	6.61E-06	0.000573	0.047748
4451	479363.09	3858377.25	1.3886	4.0747	1.96833	0.76235	1.26E-01	0.01724	3.7E-05	0.00177	0.14488	1.59E-01	0.021757	3.13E-05	0.001031	1.82E-01	0.156564	0.018713	2.55E-05	0.001095	0.176397
4452	479863.09	3858377.25	2.77426	6.38281	3.87215	2.03472	2.51E-01	0.027	7.2E-05	0.00471	0.2832	3.17E-01	0.034081	6.15E-05	0.002751	3.54E-01	0.312797	0.029312	5.03E-05	0.002922	0.345081
4453	480363.09	3858377.25	2.87622	6.86515	3.93517	2.87257	2.61E-01	0.02904	7.4E-05	0.00665	0.29642	3.29E-01	0.036657	6.25E-05	0.003884	3.70E-01	0.324293	0.031527	5.11E-05	0.004125	0.359996
4454	480863.09	3858377.25	3.00307	7.08916	4.10623	2.96356	2.72E-01	0.02999	7.7E-05	0.00686	0.30908	3.43E-01	0.037853	6.53E-05	0.004007	3.85E-01	0.338595	0.032556	5.33E-05	0.004256	0.37546
4455	481363.09	3858377.25	3.05399	7.45355	4.20503	3.21187	2.77E-01	0.03153	7.9E-05	0.00744	0.31581	3.49E-01	0.039798	6.68E-05	0.004343	3.94E-01	0.344336	0.034229	5.46E-05	0.004612	0.383233
4456	481863.09	3858377.25	3.19878	7.94272	4.38245	3.26388	2.90E-01	0.0336	8.2E-05	0.00756	0.33112	3.66E-01	0.04241	6.97E-05	0.004413	4.13E-01	0.360661	0.036476	5.69E-05	0.004687	0.401881
4457	482363.09	3858377.25	3.31666	8.89392	4.47689	3.67425	3.01E-01	0.03763	8.4E-05	0.00851	0.34678	3.79E-01	0.047489	7.12E-05	0.004968	4.32E-01	0.373952	0.040844	5.81E-05	0.005276	0.420131
4458	482863.09	3858377.25	3.26004	9.81694	4.50281	4.84113	2.95E-01	0.04153	8.4E-05	0.01121	0.34826	3.73E-01	0.052418	7.16E-05	0.006546	4.32E-01	0.367568	0.045083	5.84E-05	0.006952	0.419662
4459	483363.09	3858377.25	3.14918	9.74986	4.29112	5.46297	2.85E-01	0.04125	8E-05	0.01265	0.33937	3.60E-01	0.05206	6.82E-05	0.007387	4.20E-01	0.355069	0.044775	5.57E-05	0.007845	0.407745
4460	483863.09	3858377.25	3.20838	11.32854	4.35563	5.94564	2.91E-01	0.04793	8.2E-05	0.01377	0.35253	3.67E-01	0.060489	6.92E-05	0.008039	4.36E-01	0.361744	0.052025	5.65E-05	0.008538	0.422363
4461	484363.09	3858377.25	3.45016	12.95983	4.67066	6.4117	3.13E-01	0.05483	8.7E-05	0.01485	0.38243	3.95E-01	0.069199	7.42E-05	0.008669	4.73E-01	0.389004	0.059516	6.06E-05	0.009208	0.457789
4462	484863.09	3858377.25	3.73972	15.05441	5.04737	6.97467	3.39E-01	0.06369	9.4E-05	0.01615	0.41884	4.28E-01	0.080383	8.02E-05	0.009431	5.18E-01	0.421652	0.069135	6.55E-05	0.010016	0.500869
4463	485363.09	3858377.25	4.16191	16.58279	5.62315	7.6346	3.77E-01	0.07015	0.00011	0.01768	0.4651	4.76E-01	0.088544	8.94E-05	0.010323	5.75E-01	0.469254	0.076154	7.3E-05	0.010964	0.556445
4464	485863.09	3858377.25	4.86221	17.43416	6.58043	8.64445	4.41E-01	0.07376	0.00012	0.02002	0.53452	5.56E-01	0.09309	0.000105	0.011688	6.61E-01	0.548213	0.080064	8.54E-05	0.012414	0.640776
4465	486363.09	3858377.25	5.95605	20.96064	8.07151	10.2508	5.40E-01	0.08867	0.00015	0.02374	0.65232	6.81E-01	0.11192	0.000128	0.01386	8.07E-01	0.671543	0.096259	0.000105	0.014721	0.782627
4466	486863.09	3858377.25	7.50641	27.19951	9.98342	12.97067	6.80E-01	0.11507	0.00019	0.03004	0.82554	8.59E-01	0.145232	0.000159	0.017538	1.02E+00	0.846345	0.12491	0.00013	0.018627	0.990012
4467	487363.09	3858377.25	9.64619	30.69475	12.91021	16.33586	8.74E-01	0.12985	0.00024	0.03784	1.04209	1.10E+00	0.163895	0.000205	0.022088	1.29E+00	1.087605	0.140962	0.000168	0.023459	1.252193
4468	487863.09	3858377.25	13.79213	28.97692	13.0849	24.96658	1.25E+00	0.12259	0.00024	0.05783	1.43053	1.58E+00	0.154723	0.000208	0.033758	1.77E+00	1.555058	0.133073	0.00017	0.035853	1.724154
4469	488363.09	3858377.25	12.58301	21.79427	14.02944	36.41026	1.14E+00	0.0922	0.00026	0.08433	1.3171	1.44E+00	0.116371	0.000223	0.049231	1.61E+00	1.41873	0.100087	0.000182	0.052287	1.571287
4470	488863.09	3858377.25	10.2939	20.42004	15.44695	24.83822	9.33E-01	0.08639	0.00029	0.05753	1.07706	1.18E+00	0.109033	0.000246	0.033584	1.32E+00	1.160634	0.093776	0.000201	0.035669	1.29028
4471	489363.09	3858377.25	9.34397	19.71695	13.98102	19.00302	8.47E-01	0.08341	0.00026	0.04401	0.97446	1.07E+00	0.105279	0.000222	0.025694	1.20E+00	1.053529	0.090548	0.000181	0.027289	1.171548
4472	489863.09	3858377.25	7.8138	16.056	11.53998	12.73194	7.08E-01	0.06793	0.00022	0.02949	0.80573	8.94E-01	0.085731	0.000183	0.017215	9.97E-01	0.881003	0.073735	0.00015	0.018284	0.973172
4473	490363.09	3858377.25	7.17657	13.75244	9.85191	10.76075	6.50E-01	0.05818	0.00018	0.02492	0.73364	8.21E-01	0.073431	0.000157	0.01455	9.09E-01	0.809156	0.063156	0.000128	0.015453	0.887893
4474	490863.09	3858377.25	6.46343	12.04767	8.85903	9.36271	5.86E-01	0.05097	0.00017	0.02169	0.65855	7.39E-01	0.064329	0.000141	0.012659	8.16E-01	0.72875	0.055327	0.000115	0.013445	0.797637
4475	491363.09	3858377.25	5.9197	11.01129	8.11753	7.26105	5.36E-01	0.04658	0.00015	0.01682	0.60001	6.77E-01	0.058795	0.000129	0.009818	7.46E-01	0.667444	0.050568	0.000105	0.010427	0.728545
4476	491863.09	3858377.25	5.52445	10.02318	7.43422	3.21429	5.01E-01	0.0424	0.00014	0.00744	0.55062	6.32E-01	0.053519	0.000118	0.004346	6.90E-01	0.62288	0.04603	9.65E-05	0.004616	0.673622
4477	492363.09	3858377.25	2.4105	3.9421	2.94522	1.25318	2.18E-01	0.01668	5.5E-05	0.0029	0.23808	2.76E-01	0.021049	4.68E-05	0.001694	2.98E-01	0.271783	0.018104	3.82E-05	0.0018	0.291724
4478	492863.09	3858377.25	2.78576	4.77795	3.64056	1.35467	2.52E-01	0.02021	6.8E-05	0.00314	0.27587	3.19E-01	0.025512	5.79E-05	0.001832	3.46E-01	0.314093	0.021942	4.73E-05	0.001945	0.338028
4479	493363.09	3858377.25	1.93857	3.26129	2.44342	1.04656	1.76E-01	0.0138	4.6E-05	0.00242	0.19194	2.22E-01	0.017414	3.88E-05	0.001415	2.41E-01	0.218573	0.014977	3.17E-05	0.001503	0.235085
4480	493863.09	3858377.25	1.59245	2.72345	1.93205	0.91339	1.44E-01	0.01152	3.6E-05	0.00212	0.15798	1.82E-01	0.014542	3.07E-05	0.001235	1.98E-01	0.179548	0.012507	2.51E-05	0.001312	0.193392
4481	494363.09	3858377.25	1.22489	2.09714	1.48955	0.81861	1.11E-01	0.00887	2.8E-05	0.0019	0.1218	1.40E-01	0.011198	2.37E-05	0.001107	1.52E-01	0.138106	0.009631	1.93E-05	0.001176	0.148932
4482	494863.09	3858377.25	0.96537	1.71038	1.17722	0.68246	8.75E-02	0.00724	2.2E-05	0.00158	0.09632	1.10E-01	0.009133	1.87E-05	0.000923	1.20E-01	0.108845	0.007855	1.53E-05	0.00098	0.117695
4483	495363.09	3858377.25	0.74233	1.35881	0.93838	0.58548	6.73E-02	0.00575	1.8E-05	0.00136	0.07439	8.49E-02	0.007255	1.49E-05	0.000792	9.30E-02	0.083697	0.00624	1.22E-05	0.000841	0.090791
4484	495863.09	3858377.25	0.71489	1.30627	0.91766	0.57135	6.48E-02	0.00553	1.7E-05	0.00132	0.07165	8.18E-02	0.006975	1.46E-05	0.000773	8.95E-02	0.080604	0.005999	1.19E-05	0.00082	0.087435
4485	496363.09	3858377.25	0.68695	1.24761	0.87614	0.55353	6.23E-02	0.00528	1.6E-05	0.00128	0.06883	7.86E-02	0.006662	1.39E-05	0.000748	8.60E-02	0.077453	0.005729	1.14E-05	0.000795	0.083989
4486	496863.09	3858377.25	0.79923	1.44493	0.99434	0.58592	7.24E-02	0.00611	1.9E-05	0.00136	0.07992	9.14E-02	0.007715	1.58E-05	0.000792	9.99E-02	0.090113	0.006636	1.29E-05	0.000841	0.097603
4487	497363.09	3858377.25	0.835	1.43298	1.05828	0.59316	7.57E-02	0.00606	2E-05	0.00137	0.08313	9.55E-02	0.007651	1.68E-05	0.000802	1.04E-01	0.094146	0.006581	1.37E-05	0.000852	0.101592
4488	497863.09	3858377.25	1.17741	1.98886	1.5176	0.69729	1.07E-01	0.00841	2.8E-05	0.00162	0.11676	1.35E-01	0.01062	2.41E-05	0.000943	1.46E-01	0.132753	0.009134	1.97E-05	0.001001	0.142907
4489	498363.09	3858377.25	1.65278	2.89689	2.14379	0.98744	1.50E-01	0.01226	4E-05	0.00229	0.16436	1.89E-01	0.015468	3.41E-05	0.001335	2.06E-01	0.18635	0.013304	2.78E-05	0.001418	0.2011
4490	471363.09	3858877.25	1.39922	2.43993	1.86388	1.36134	1.27E-01	0.01032	3.5E-05	0.00315	0.14031	1.60E-01	0.013028	2.96E-05	0.001841	1.75E-01	0.157762	0.011205	2.42E-05	0.001955	0.170946
4491	471863.09	3858877.25	1.43399	2.64834	1.89912	1.32281	1.30E-01	0.0112	3.6E-05	0.00306	0.14425	1.64E-01	0.014141	3.02E-05	0.001789	1.80E-01	0.161682	0.012162	2.47E-05	0.0019	0.175768
4492	472363.09	3858877.25	1.49492	2.97349	1.94684	1.45093	1.35E-01	0.01258	3.6E-05	0.00336	0.15145	1.71E-01	0.015877	3.09E-05	0.001962	1.89E-01	0.168552	0.013655	2.53E-05	0.002084	0.184316
4493	472863.09	3858877.25	1.52368	3.21146	2.01179	1.51067	1.38E-01	0.01359	3.8E-05	0.0035	0.1552	1.74E-01	0.017148	3.2E-05	0.002043	1.93E-01	0.171794	0.014748	2.61E-05	0.002169	0.188738
4494	473363.09	3858877.25	1.56572	3.27878	2.06072	1.71781	1.42E-01	0.01387	3.9E-05	0.00398	0.15978	1.79E-01	0.017507	3.28E-05	0.002323	1.99E-01	0.176534	0.015057	2.67E-05	0.002467	0.194085
4495	473863.09	3858877.25	1.67376	3.31635	2.15673	1.61943	1.52E-01	0.01403	4E-05	0.00375	0.1695	1.91E-01	0.017708	3.43E-05	0.00219	2.11E-01	0.188716	0.01523	2.8E-05	0.002326	0.206299
4496	474363.09	3858877.25	1.59086	3.40001	2.14135	1.18896	1.44E-01	0.01438	4E-05	0.00275	0.16134	1.82E-01	0.018154	3.4E-05	0.001608	2.02E-01	0.179369	0.015614	2.78E-05	0.001707	0.196718
4497	474863.09	3858877.25	0.55623	1.42308	0.75227	0.41603	5.04E-02	0.00602	1.4E-05	0.00096	0.0574	6.36E-02	0.007599	1.2E-05	0.000563	7.18E-02	0.062715	0.006535	9.76E-06	0.000597	0.069857
4498	475363.09	3858877.25	0.37274	0.96063	0.51681	0.35016	3.38E-02	0.00406	9.7E-06	0.00081	0.03866	4.26E-02	0.005129	8.21E-06	0.000473	4.82E-02	0.042026	0.004412	6.71E-06	0.000503	0.046947
4499	475863.09	3858877.25	0.41485	1.09503	0.5821	0.3763	3.76E-02	0.00463	1.1E-05	0.00087	0.04311	4.74E-02	0.005847	9.25E-06	0.000509	5.38E-02	0.046774	0.005029	7.56E-06	0.00054	0.052351
4500	476363.09	3858877.25	0.27468	0.67206	0.37678	0.31295	2.49E-02	0.00284	7.1E-06	0.00072	0.02847	3.14E-02	0.003588	5.99E-06	0.000423	3.54E-02	0.03097	0.003086	4.89E-06	0.000449	0.034511
4501	476863.09	3858877.25	0.33092	0.82416	0.4469	0.35483	3.00E-02	0.00349	8.4E-06	0.00082	0.03431	3.79E-02	0.004401	7.1E-06	0.00048	4.27E-02	0.037311	0.003785	5.8E-06	0.00051	0.041611
4502	477363.09	3858877.25	0.33872	0.84358	0.46395	0.3586	3.07E-02	0.00357	8.7E-06	0.00083	0.0351	3.87E-02	0.004504	7.37E-06	0.000485	4.37E-02	0.038191	0.003874	6.02E-06	0.000515	0.042586
4503	477863.09	3858877.25	0.39346	1.10637	0.5475	0.38809	3.57E-02	0.00468	1E-05	0.0009	0.04125	4.50E-02	0.005907	8.7E-06	0.000525	5.14E-02	0.044362	0.005081	7.11E-06	0.000557	0.050008
4504	478363.09	3858877.25	0.95237	2.6508	1.30165	0.55845	8.63E-02	0.01121	2.4E-05	0.00129	0.09884	1.09E-01	0.014154	2.07E-05	0.000755	1.24E-01	0.107379	0.012173	1.69E-05	0.000802	0.120372
4505	478863.09	3858877.25	0.71429	2.09631	0.94129	0.50658	6.47E-02	0.00887	1.8E-05	0.00117	0.07479	8.17E-02	0.011193	1.5E-05	0.000685	9.36E-02	0.080536	0.009627	1.22E-05	0.000727	0.090903
4506	479363.09	3858877.25	0.49981	1.52195	0.68557	0.47326	4.53E-02	0.00644	1.3E-05	0.0011	0.05284	5.72E-02	0.008126	1.09E-05	0.00064	6.59E-02	0.056353	0.006989	8.9E-06	0.00068	0.064031
4507	479863.09	3858877.25	2.60562	5.9482	3.62095	2.4035	2.36E-01	0.02516	6.8E-05	0.00557	0.26693	2.98E-01	0.031761	5.75E-05	0.00325	3.33E-01	0.293783	0.027316	4.7E-05	0.003452	0.324598
4508	480363.09	3858877.25	2.56268	5.61889	3.54806	2.91747	2.32E-01	0.02377	6.6E-05	0.00676	0.26283	2.93E-01	0.030002	5.64E-05	0.003945	3.27E-01	0.288941	0.025804	4.61E-05	0.00419	0.318981
4509	480863.09	3858877.25	2.58391	6.42674	3.61475	3.24617	2.34E-01	0.02719	6.8E-05	0.00752	0.26893	2.96E-01	0.034316	5.74E-05	0.004389	3.34E-01	0.291335	0.029514	4.69E-05	0.004662	0.325558
4510	481363.09	3858877.25	2.66887	6.8877	3.62584	3.39732	2.42E-01	0.02914	6.8E-05	0.00787	0.27893	3.05E-01	0.036777	5.76E-05	0.004594	3.47E-01	0.300914	0.031631	4.71E-05	0.004879	0.337471

4511	481863.09	3858877.25	2.78084	7.45332	3.72906	3.59432	2.52E-01	0.03153	7E-05	0.00833	0.29193	3.18E-01	0.039797	5.93E-05	0.00486	3.63E-01	0.313539	0.034228	4.84E-05	0.005162	0.352977
4512	482363.09	3858877.25	2.87302	8.83292	3.85383	3.60135	2.60E-01	0.03737	7.2E-05	0.00834	0.30614	3.29E-01	0.047164	6.12E-05	0.004869	3.81E-01	0.323932	0.040564	5E-05	0.005172	0.369718
4513	482863.09	3858877.25	2.93785	9.74607	3.97037	3.88515	2.66E-01	0.04123	7.4E-05	0.009	0.31654	3.36E-01	0.052039	6.31E-05	0.005253	3.93E-01	0.331242	0.044758	5.15E-05	0.005579	0.38163
4514	483363.09	3858877.25	2.77743	9.52544	3.77211	4.93695	2.52E-01	0.0403	7.1E-05	0.01143	0.3035	3.18E-01	0.050861	6E-05	0.006675	3.75E-01	0.313154	0.043744	4.9E-05	0.00709	0.364037
4515	483863.09	3858877.25	2.87141	10.10314	3.86547	5.2481	2.60E-01	0.04274	7.2E-05	0.01216	0.31518	3.28E-01	0.053946	6.14E-05	0.007096	3.90E-01	0.32375	0.046397	5.02E-05	0.007537	0.377735
4516	484363.09	3858877.25	3.08294	11.67895	4.15884	5.64181	2.79E-01	0.04941	7.8E-05	0.01307	0.34194	3.53E-01	0.06236	6.61E-05	0.007628	4.23E-01	0.3476	0.053634	5.4E-05	0.008102	0.40939
4517	484863.09	3858877.25	3.31707	10.55764	4.49626	6.15762	3.01E-01	0.04466	8.4E-05	0.01426	0.35961	3.79E-01	0.056373	7.15E-05	0.008326	4.44E-01	0.373999	0.048485	5.84E-05	0.008843	0.431384
4518	485363.09	3858877.25	3.67583	12.22935	4.95674	6.55149	3.33E-01	0.05174	9.3E-05	0.01517	0.40012	4.20E-01	0.065299	7.88E-05	0.008858	4.95E-01	0.414449	0.056162	6.43E-05	0.009408	0.480083
4519	485863.09	3858877.25	4.1778	14.42283	5.58394	7.26796	3.79E-01	0.06102	0.0001	0.01683	0.45656	4.78E-01	0.077011	8.87E-05	0.009827	5.65E-01	0.471046	0.066235	7.25E-05	0.010437	0.54779
4520	486363.09	3858877.25	4.89653	18.11382	6.51681	8.26221	4.44E-01	0.07663	0.00012	0.01914	0.53962	5.60E-01	0.096719	0.000104	0.011171	6.68E-01	0.552082	0.083185	8.46E-05	0.011865	0.647217
4521	486863.09	3858877.25	5.83058	19.70598	7.74118	9.78991	5.28E-01	0.08337	0.00014	0.02268	0.63457	6.67E-01	0.10522	0.000123	0.013237	7.85E-01	0.657396	0.090497	0.0001	0.014059	0.762052
4522	487363.09	3858877.25	7.46606	20.53613	9.83862	12.46272	6.77E-01	0.08688	0.00018	0.02887	0.79252	8.54E-01	0.109653	0.000156	0.016851	9.81E-01	0.841796	0.09431	0.000128	0.017897	0.95413
4523	487863.09	3858877.25	9.70487	20.83137	12.09655	16.38801	8.79E-01	0.08813	0.00023	0.03796	1.00579	1.11E+00	0.11123	0.000192	0.022158	1.24E+00	1.094221	0.095665	0.000157	0.023534	1.213577
4524	488363.09	3858877.25	12.95033	18.83371	11.8754	23.33135	1.17E+00	0.07968	0.00022	0.05404	1.30752	1.48E+00	0.100563	0.000189	0.031547	1.61E+00	1.460145	0.086491	0.000154	0.033505	1.580296
4525	488863.09	3858877.25	26.90346	17.9564	12.54024	26.25658	2.44E+00	0.07596	0.00023	0.06082	2.57506	3.08E+00	0.095879	0.000199	0.035502	3.21E+00	3.033356	0.082462	0.000163	0.037706	3.153687
4526	489363.09	3858877.25	8.69088	14.9845	11.63585	18.79246	7.88E-01	0.06339	0.00022	0.04353	0.89472	9.94E-01	0.08001	0.000185	0.025409	1.10E+00	0.979894	0.068814	0.000151	0.026987	1.075846
4527	489863.09	3858877.25	8.42573	15.86333	11.30733	18.13442	7.64E-01	0.06711	0.00021	0.042	0.87288	9.64E-01	0.084703	0.00018	0.02452	1.07E+00	0.949998	0.07285	0.000147	0.026042	1.049037
4528	490363.09	3858877.25	7.89333	13.94513	10.95992	15.03677	7.15E-01	0.059	0.00021	0.03483	0.80934	9.03E-01	0.07446	0.000174	0.020331	9.98E-01	0.88997	0.064041	0.000142	0.021594	0.975747
4529	490863.09	3858877.25	7.52639	12.62036	10.90815	10.30984	6.82E-01	0.05339	0.0002	0.02388	0.75953	8.61E-01	0.067387	0.000173	0.01394	9.42E-01	0.848598	0.057957	0.000142	0.014805	0.921502
4530	491363.09	3858877.25	6.96906	11.32776	9.79051	5.1384	6.32E-01	0.04792	0.00018	0.0119	0.69156	7.97E-01	0.060485	0.000156	0.006948	8.65E-01	0.785759	0.052021	0.000127	0.007379	0.845287
4531	491863.09	3858877.25	4.58171	6.90182	6.07512	2.14174	4.15E-01	0.0292	0.00011	0.00496	0.44948	5.24E-01	0.036852	9.66E-05	0.002896	5.64E-01	0.516586	0.031696	7.89E-05	0.003076	0.551436
4532	492363.09	3858877.25	5.06218	7.78841	6.93903	2.7886	4.59E-01	0.03295	0.00013	0.00646	0.49828	5.79E-01	0.041586	0.00011	0.00377	6.24E-01	0.570759	0.035767	9.01E-05	0.004005	0.610621
4533	492863.09	3858877.25	5.03904	8.01442	6.67697	4.00825	4.57E-01	0.03391	0.00012	0.00928	0.49996	5.76E-01	0.042793	0.000106	0.00542	6.25E-01	0.56815	0.036805	8.67E-05	0.005756	0.610798
4534	493363.09	3858877.25	4.26845	7.327	5.8589	2.91184	3.87E-01	0.031	0.00011	0.00674	0.42467	4.88E-01	0.039123	9.31E-05	0.003937	5.31E-01	0.481266	0.033648	7.61E-05	0.004182	0.519172
4535	493863.09	3858877.25	3.16709	5.29433	4.24488	1.69357	2.87E-01	0.0224	7.9E-05	0.00392	0.31341	3.62E-01	0.028269	6.75E-05	0.00229	3.93E-01	0.357088	0.024314	5.51E-05	0.002432	0.383889
4536	494363.09	3858877.25	2.64287	4.4768	3.63838	1.41461	2.40E-01	0.01894	6.8E-05	0.00328	0.26179	3.02E-01	0.023904	5.78E-05	0.001913	3.28E-01	0.297983	0.020559	4.72E-05	0.002031	0.32062
4537	494863.09	3858877.25	2.08299	3.47473	2.78224	1.13116	1.89E-01	0.0147	5.2E-05	0.00262	0.20614	2.38E-01	0.018553	4.42E-05	0.001529	2.58E-01	0.234856	0.015957	3.61E-05	0.001624	0.252474
4538	495363.09	3858877.25	1.66675	2.72215	2.12739	0.93898	1.51E-01	0.01152	4E-05	0.00217	0.16478	1.91E-01	0.014535	3.38E-05	0.00127	2.06E-01	0.187925	0.012501	2.76E-05	0.001348	0.201803
4539	495863.09	3858877.25	1.49301	2.42252	1.8835	0.86272	1.35E-01	0.01025	3.5E-05	0.002	0.14758	1.71E-01	0.012935	2.99E-05	0.001166	1.85E-01	0.168336	0.011125	2.44E-05	0.001239	0.180725
4540	496363.09	3858877.25	1.44534	2.37412	1.87887	0.85047	1.31E-01	0.01004	3.5E-05	0.00197	0.14303	1.65E-01	0.012677	2.99E-05	0.00115	1.79E-01	0.162962	0.010903	2.44E-05	0.001221	0.17511
4541	496863.09	3858877.25	1.44769	2.39445	1.86686	0.84625	1.31E-01	0.01013	3.5E-05	0.00196	0.14332	1.66E-01	0.012785	2.97E-05	0.001144	1.80E-01	0.163227	0.010996	2.42E-05	0.001215	0.175462
4542	497363.09	3858877.25	1.41494	2.38855	1.88421	0.83051	1.28E-01	0.0101	3.5E-05	0.00192	0.14029	1.62E-01	0.012754	2.99E-05	0.001123	1.76E-01	0.159534	0.010969	2.45E-05	0.001193	0.17172
4543	497863.09	3858877.25	1.90194	2.98601	2.52233	1.15388	1.72E-01	0.01263	4.7E-05	0.00267	0.18771	2.18E-01	0.015944	4.01E-05	0.00156	2.35E-01	0.214443	0.013713	3.27E-05	0.001657	0.229846
4544	498363.09	3858877.25	2.25583	3.35634	3.01922	1.68259	2.04E-01	0.0142	5.7E-05	0.0039	0.22258	2.58E-01	0.017921	4.8E-05	0.002275	2.78E-01	0.254344	0.015414	3.92E-05	0.002416	0.272213
4545	471363.09	3859377.25	1.35609	2.60732	1.73752	1.42945	1.23E-01	0.01103	3.3E-05	0.00331	0.13727	1.55E-01	0.013922	2.76E-05	0.001933	1.71E-01	0.152899	0.011974	2.26E-05	0.002053	0.166948
4546	471863.09	3859377.25	1.37943	2.82729	1.79234	1.47399	1.25E-01	0.01196	3.4E-05	0.00341	0.14042	1.58E-01	0.015096	2.85E-05	0.001993	1.75E-01	0.15553	0.012984	2.33E-05	0.002117	0.170654
4547	472363.09	3859377.25	1.43927	2.73194	1.89194	1.59097	1.30E-01	0.01156	3.5E-05	0.00368	0.14571	1.65E-01	0.014587	3.01E-05	0.002151	1.81E-01	0.162277	0.012546	2.46E-05	0.002285	0.177133
4548	472863.09	3859377.25	1.50814	3.02987	1.96045	1.66522	1.37E-01	0.01282	3.7E-05	0.00386	0.15338	1.72E-01	0.016178	3.12E-05	0.002252	1.91E-01	0.170042	0.013914	2.54E-05	0.002391	0.186373
4549	473363.09	3859377.25	1.53889	3.16933	2.01329	1.78389	1.39E-01	0.01341	3.8E-05	0.00413	0.15703	1.76E-01	0.016923	3.2E-05	0.002412	1.95E-01	0.173509	0.014555	2.61E-05	0.002562	0.190652
4550	473863.09	3859377.25	1.61668	3.06354	2.15878	1.78354	1.47E-01	0.01296	4E-05	0.00413	0.16364	1.85E-01	0.016358	3.43E-05	0.002412	2.04E-01	0.18228	0.014069	2.8E-05	0.002561	0.198938
4551	474363.09	3859377.25	1.61639	3.03634	2.16977	1.22244	1.46E-01	0.01285	4.1E-05	0.00283	0.1622	1.85E-01	0.016213	3.45E-05	0.001653	2.03E-01	0.182247	0.013944	2.82E-05	0.001755	0.197975
4552	474863.09	3859377.25	1.07446	2.28	1.47845	0.63291	9.74E-02	0.00965	2.8E-05	0.00147	0.10851	1.23E-01	0.012174	2.35E-05	0.000856	1.36E-01	0.121145	0.010471	1.92E-05	0.000909	0.132544
4553	475363.09	3859377.25	0.5375	1.4174	0.73244	0.41465	4.87E-02	0.006	1.4E-05	0.00096	0.05568	6.15E-02	0.007568	1.16E-05	0.000561	6.96E-02	0.060603	0.006509	9.51E-06	0.000595	0.067717
4554	475863.09	3859377.25	0.33261	0.83837	0.4501	0.32766	3.01E-02	0.00355	8.4E-06	0.00076	0.03446	3.80E-02	0.004476	7.15E-06	0.000443	4.30E-02	0.037502	0.00385	5.84E-06	0.000471	0.041828
4555	476363.09	3859377.25	0.29964	0.70577	0.41172	0.31185	2.72E-02	0.00299	7.7E-06	0.00072	0.03087	3.43E-02	0.003768	6.54E-06	0.000422	3.85E-02	0.033784	0.003241	5.34E-06	0.000448	0.037479
4556	476863.09	3859377.25	0.26753	0.61188	0.35702	0.29977	2.42E-02	0.00259	6.7E-06	0.00069	0.02753	3.06E-02	0.003267	5.67E-06	0.000405	3.43E-02	0.030164	0.00281	4.63E-06	0.00043	0.033409
4557	477363.09	3859377.25	0.27748	0.6601	0.37781	0.30822	2.51E-02	0.00279	7.1E-06	0.00071	0.02866	3.17E-02	0.003525	6E-06	0.000417	3.57E-02	0.031286	0.003031	4.9E-06	0.000443	0.034765
4558	477863.09	3859377.25	0.43757	1.24075	0.60032	0.39534	3.97E-02	0.00525	1.1E-05	0.00092	0.04583	5.00E-02	0.006625	9.54E-06	0.000535	5.72E-02	0.049336	0.005698	7.79E-06	0.000568	0.055609
4559	478363.09	3859377.25	0.81585	2.26885	1.09971	0.49436	7.39E-02	0.0096	2.1E-05	0.00115	0.0847	9.33E-02	0.012115	1.75E-05	0.000668	1.06E-01	0.091987	0.010419	1.43E-05	0.00071	0.10313
4560	478863.09	3859377.25	1.48139	3.75717	2.12158	0.76891	1.34E-01	0.01589	4E-05	0.00178	0.15196	1.69E-01	0.020061	3.37E-05	0.00104	1.91E-01	0.167026	0.017254	2.75E-05	0.001104	0.185412
4561	479363.09	3859377.25	2.09309	5.08489	2.98037	1.26303	1.90E-01	0.02151	5.6E-05	0.00293	0.21417	2.39E-01	0.027151	4.74E-05	0.001708	2.68E-01	0.235995	0.023352	3.87E-05	0.001814	0.261199
4562	479863.09	3859377.25	2.38839	5.40583	3.30681	2.00909	2.16E-01	0.02287	6.2E-05	0.00465	0.24403	2.73E-01	0.028865	5.26E-05	0.002717	3.05E-01	0.26929	0.024826	4.29E-05	0.002885	0.297044
4563	480363.09	3859377.25	2.34166	6.11205	3.21681	2.7171	2.12E-01	0.02586	6E-05	0.00629	0.24442	2.68E-01	0.032635	5.11E-05	0.003674	3.04E-01	0.264021	0.028069	4.18E-05	0.003902	0.296034
4564	480863.09	3859377.25	2.33528	6.24308	3.13928	3.1863	2.12E-01	0.02641	5.9E-05	0.00738	0.24548	2.67E-01	0.033335	4.99E-05	0.004308	3.05E-01	0.263302	0.028671	4.07E-05	0.004576	0.296589
4565	481363.09	3859377.25	2.35938	6.67936	3.15729	3.38932	2.14E-01	0.02826	5.9E-05	0.00785	0.24998	2.70E-01	0.035665	5.02E-05	0.004583	3.10E-01	0.266019	0.030674	4.1E-05	0.004867	0.301602
4566	481863.09	3859377.25	2.4073	7.2315	3.27419	3.53991	2.18E-01	0.03059	6.1E-05	0.0082	0.25701	2.75E-01	0.038613	5.2E-05	0.004786	3.19E-01	0.271422	0.03321	4.25E-05	0.005083	0.309758
4567	482363.09	3859377.25	2.47788	8.26246	3.3258	3.59965	2.25E-01	0.03495	6.2E-05	0.00834	0.2679	2.83E-01	0.044118	5.29E-05	0.004867	3.32E-01	0.27938	0.037944	4.32E-05	0.005169	0.322537
4568	482863.09	3859377.25	2.5529	8.6021	3.44386	3.90375	2.31E-01	0.03639	6.4E-05	0.00904	0.27685	2.92E-01	0.045931	5.47E-05	0.005278	3.43E-01	0.287839	0.039504	4.47E-05	0.005606	0.332993
4569	483363.09	3859377.25	2.61343	9.3878	3.55574	4.46712	2.37E-01	0.03972	6.7E-05	0.01035	0.28696	2.99E-01	0.050126	5.65E-05	0.00604	3.55E-01	0.294663	0.043112	4.62E-05	0.006415	0.344237
4570	483863.09	3859377.25	2.62713	7.78035	3.51467	4.70915	2.38E-01	0.03291	6.6E-05	0.01091	0.28196	3.00E-01	0.041543	5.59E-05	0.006367	3.48E-01	0.296208	0.03573	4.56E-05	0.006763	0.338746
4571	484363.09	3859377.25	2.80296	8.13968	3.79288	5.01881	2.54E-01	0.03443	7.1E-05	0.01162	0.30014	3.21E-01	0.043462	6.03E-05	0.006786	3.71E-01	0.316033	0.03738	4.92E-05	0.007207	0.36067

4572	484863.09	3859377.25	3.02207	9.34495	4.08818	5.27811	2.74E-01	0.03953	7.7E-05	0.01223	0.3257	3.46E-01	0.049898	6.5E-05	0.007137	4.03E-01	0.340737	0.042915	5.31E-05	0.00758	0.391286
4573	485363.09	3859377.25	3.2994	11.02713	4.40918	5.75988	2.99E-01	0.04665	8.3E-05	0.01334	0.35907	3.77E-01	0.05888	7.01E-05	0.007788	4.44E-01	0.372006	0.050641	5.72E-05	0.008271	0.430976
4574	485863.09	3859377.25	3.61349	12.04618	4.85753	6.33667	3.27E-01	0.05096	9.1E-05	0.01468	0.39319	4.13E-01	0.064321	7.72E-05	0.008568	4.86E-01	0.40742	0.055321	6.31E-05	0.0091	0.471903
4575	486363.09	3859377.25	4.10191	12.67101	5.5328	7.03533	3.72E-01	0.0536	0.0001	0.0163	0.44173	4.69E-01	0.067657	8.79E-05	0.009513	5.46E-01	0.462489	0.05819	7.18E-05	0.010103	0.530854
4576	486863.09	3859377.25	4.82104	14.52214	6.4262	8.05002	4.37E-01	0.06144	0.00012	0.01865	0.51709	5.51E-01	0.077541	0.000102	0.010885	6.40E-01	0.543571	0.066691	8.34E-05	0.01156	0.621905
4577	487363.09	3859377.25	5.63929	14.47056	7.51786	9.72218	5.11E-01	0.06122	0.00014	0.02252	0.59492	6.45E-01	0.077266	0.000119	0.013145	7.36E-01	0.635828	0.066454	9.76E-05	0.013962	0.716341
4578	487863.09	3859377.25	7.20825	17.20114	9.42493	12.02383	6.53E-01	0.07277	0.00018	0.02785	0.75402	8.24E-01	0.091846	0.00015	0.016258	9.33E-01	0.812728	0.078994	0.000122	0.017267	0.909111
4579	488363.09	3859377.25	9.13489	15.11746	10.11704	15.16971	8.28E-01	0.06395	0.00019	0.03514	0.9271	1.04E+00	0.08072	0.000161	0.020511	1.15E+00	1.029956	0.069425	0.000131	0.021785	1.121297
4580	488863.09	3859377.25	11.36104	14.47951	10.34224	19.56968	1.03E+00	0.06126	0.00019	0.04533	1.13634	1.30E+00	0.077314	0.000164	0.02646	1.40E+00	1.280953	0.066495	0.000134	0.028103	1.375686
4581	489363.09	3859377.25	13.1176	14.45948	10.54278	19.70638	1.19E+00	0.06117	0.0002	0.04564	1.29576	1.50E+00	0.077207	0.000168	0.026645	1.60E+00	1.479005	0.066403	0.000137	0.028299	1.573844
4582	489863.09	3859377.25	8.95712	12.7276	10.04908	16.03581	8.12E-01	0.05384	0.00019	0.03714	0.90289	1.02E+00	0.067959	0.00016	0.021682	1.11E+00	1.009912	0.05845	0.00013	0.023028	1.091521
4583	490363.09	3859377.25	7.77074	12.75561	10.06127	15.99415	7.04E-01	0.05396	0.00019	0.03705	0.7954	8.89E-01	0.068109	0.00016	0.021626	9.79E-01	0.876148	0.058578	0.000131	0.022968	0.957826
4584	490863.09	3859377.25	7.24888	12.74044	9.19249	12.60874	6.57E-01	0.0539	0.00017	0.0292	0.74018	8.29E-01	0.068028	0.000146	0.017048	9.14E-01	0.817309	0.058509	0.000119	0.018107	0.894044
4585	491363.09	3859377.25	7.33435	11.17476	10.56915	6.01492	6.65E-01	0.04727	0.0002	0.01393	0.72606	8.39E-01	0.059668	0.000168	0.008133	9.07E-01	0.826945	0.051319	0.000137	0.008638	0.887039
4586	491863.09	3859377.25	6.77162	10.20102	9.34646	7.98412	6.14E-01	0.04316	0.00017	0.01849	0.67548	7.75E-01	0.054469	0.000149	0.010795	8.40E-01	0.763498	0.046847	0.000121	0.011466	0.821932
4587	492363.09	3859377.25	5.64589	9.06598	7.68532	6.67156	5.12E-01	0.03835	0.00014	0.01545	0.56559	6.46E-01	0.048408	0.000122	0.009021	7.03E-01	0.636572	0.041634	9.98E-05	0.009581	0.687887
4588	492863.09	3859377.25	4.89043	7.72816	6.76502	6.21598	4.43E-01	0.03269	0.00013	0.0144	0.4904	5.59E-01	0.041265	0.000108	0.008405	6.09E-01	0.551394	0.035491	8.78E-05	0.008926	0.595899
4589	493363.09	3859377.25	4.81486	7.16999	6.71893	4.69243	4.36E-01	0.03033	0.00013	0.01087	0.47766	5.51E-01	0.038284	0.000107	0.006345	5.95E-01	0.542874	0.032927	8.72E-05	0.006739	0.582627
4590	493863.09	3859377.25	4.55317	6.4115	6.27377	4.366	4.13E-01	0.02712	0.00012	0.01011	0.44997	5.21E-01	0.034234	9.97E-05	0.005903	5.61E-01	0.513368	0.029444	8.14E-05	0.00627	0.549164
4591	494363.09	3859377.25	4.13706	5.79831	5.47792	3.49386	3.75E-01	0.02453	0.0001	0.00809	0.40763	4.73E-01	0.03096	8.71E-05	0.004724	5.09E-01	0.466452	0.026628	7.11E-05	0.005017	0.498169
4592	494863.09	3859377.25	3.45271	5.09624	4.65353	2.34058	3.13E-01	0.02156	8.7E-05	0.00542	0.33996	3.95E-01	0.027211	7.4E-05	0.003165	4.25E-01	0.389292	0.023404	6.04E-05	0.003361	0.416117
4593	495363.09	3859377.25	3.15897	4.86972	4.24817	2.101	2.86E-01	0.0206	8E-05	0.00487	0.31182	3.61E-01	0.026002	6.75E-05	0.002841	3.90E-01	0.356173	0.022364	5.51E-05	0.003017	0.381609
4594	495863.09	3859377.25	2.79737	4.42642	3.75976	1.77578	2.54E-01	0.01873	7E-05	0.00411	0.27641	3.20E-01	0.023635	5.98E-05	0.002401	3.46E-01	0.315403	0.020328	4.88E-05	0.00255	0.338329
4595	496363.09	3859377.25	2.7159	4.46801	3.57427	1.7657	2.46E-01	0.0189	6.7E-05	0.00409	0.26918	3.11E-01	0.023857	5.68E-05	0.002387	3.37E-01	0.306217	0.020519	4.64E-05	0.002536	0.329318
4596	496863.09	3859377.25	2.2619	3.69712	3.01497	1.35464	2.05E-01	0.01564	5.6E-05	0.00314	0.22381	2.59E-01	0.019741	4.79E-05	0.001832	2.80E-01	0.255028	0.016979	3.91E-05	0.001945	0.273991
4597	497363.09	3859377.25	2.39318	3.66539	3.11974	1.60624	2.17E-01	0.01551	5.8E-05	0.00372	0.23616	2.74E-01	0.019571	4.96E-05	0.002172	2.96E-01	0.26983	0.016833	4.05E-05	0.002307	0.28901
4598	497863.09	3859377.25	2.46304	3.63833	3.49524	2.22831	2.23E-01	0.01539	6.5E-05	0.00516	0.24382	2.82E-01	0.019427	5.56E-05	0.003013	3.04E-01	0.277707	0.016709	4.54E-05	0.0032	0.297661
4599	498363.09	3859377.25	2.51425	3.5442	3.42689	2.74519	2.28E-01	0.01499	6.4E-05	0.00636	0.24926	2.88E-01	0.018924	5.45E-05	0.003712	3.10E-01	0.283481	0.016276	4.45E-05	0.003942	0.303744
4600	471363.09	3859877.25	1.34789	2.36305	1.74703	1.50202	1.22E-01	0.01	3.3E-05	0.00348	0.13566	1.54E-01	0.012618	2.78E-05	0.002031	1.69E-01	0.151974	0.010852	2.27E-05	0.002157	0.165006
4601	471863.09	3859877.25	1.38778	2.3443	1.79416	1.58681	1.26E-01	0.00992	3.4E-05	0.00368	0.13939	1.59E-01	0.012517	2.85E-05	0.002146	1.73E-01	0.156472	0.010766	2.33E-05	0.002279	0.16954
4602	472363.09	3859877.25	1.44875	2.42762	1.91144	1.61719	1.31E-01	0.01027	3.6E-05	0.00375	0.14534	1.66E-01	0.012962	3.04E-05	0.002187	1.81E-01	0.163346	0.011149	2.48E-05	0.002322	0.176842
4603	472863.09	3859877.25	1.49699	2.5941	1.94515	1.72702	1.36E-01	0.01097	3.6E-05	0.004	0.15067	1.71E-01	0.013851	3.09E-05	0.002335	1.87E-01	0.168785	0.011913	2.52E-05	0.00248	0.183204
4604	473363.09	3859877.25	1.54996	2.76669	1.98546	1.80983	1.40E-01	0.0117	3.7E-05	0.00419	0.15639	1.77E-01	0.014773	3.16E-05	0.002447	1.95E-01	0.174757	0.012706	2.58E-05	0.002599	0.190088
4605	473863.09	3859877.25	1.60785	3.10329	2.08281	1.85429	1.46E-01	0.01313	3.9E-05	0.00429	0.16317	1.84E-01	0.01657	3.31E-05	0.002507	2.03E-01	0.181285	0.014251	2.7E-05	0.002663	0.198226
4606	474363.09	3859877.25	1.67641	3.42294	2.24609	1.42984	1.52E-01	0.01448	4.2E-05	0.00331	0.16975	1.92E-01	0.018277	3.57E-05	0.001933	2.12E-01	0.189015	0.015719	2.92E-05	0.002053	0.206817
4607	474863.09	3859877.25	1.48923	3.53593	1.97815	0.91778	1.35E-01	0.01496	3.7E-05	0.00213	0.15208	1.70E-01	0.01888	3.14E-05	0.001241	1.90E-01	0.16791	0.016238	2.57E-05	0.001318	0.185492
4608	475363.09	3859877.25	0.74238	1.91025	1.00872	0.45952	6.73E-02	0.00808	1.9E-05	0.00106	0.07644	8.49E-02	0.0102	1.6E-05	0.000621	9.57E-02	0.083703	0.008773	1.31E-05	0.00066	0.093149
4609	475863.09	3859877.25	0.31985	0.82147	0.44715	0.31823	2.90E-02	0.00348	8.4E-06	0.00074	0.03321	3.66E-02	0.004386	7.11E-06	0.00043	4.14E-02	0.036063	0.003772	5.8E-06	0.000457	0.040298
4610	476363.09	3859877.25	0.24094	0.50574	0.30842	0.28374	2.18E-02	0.00214	5.8E-06	0.00066	0.02464	2.76E-02	0.0027	4.9E-06	0.000384	3.06E-02	0.027166	0.002323	4E-06	0.000407	0.0299
4611	476863.09	3859877.25	0.26646	0.57751	0.3455	0.29873	2.41E-02	0.00244	6.5E-06	0.00069	0.02729	3.05E-02	0.003084	5.49E-06	0.000404	3.40E-02	0.030043	0.002652	4.48E-06	0.000429	0.033129
4612	477363.09	3859877.25	0.30041	0.60573	0.37343	0.31987	2.72E-02	0.00256	7E-06	0.00074	0.03053	3.44E-02	0.003234	5.93E-06	0.000432	3.80E-02	0.033871	0.002782	4.85E-06	0.000459	0.037117
4613	477863.09	3859877.25	0.42408	1.15285	0.54519	0.37664	3.84E-02	0.00488	1E-05	0.00087	0.04419	4.85E-02	0.006156	8.66E-06	0.000509	5.52E-02	0.047815	0.005294	7.08E-06	0.000541	0.053657
4614	478363.09	3859877.25	0.80908	2.24775	1.11931	0.50148	7.33E-02	0.00951	2.1E-05	0.00116	0.08401	9.25E-02	0.012002	1.78E-05	0.000678	1.05E-01	0.091223	0.010323	1.45E-05	0.00072	0.102281
4615	478863.09	3859877.25	1.46592	3.9481	2.0703	0.77404	1.33E-01	0.0167	3.9E-05	0.00179	0.15138	1.68E-01	0.021081	3.29E-05	0.001047	1.90E-01	0.165282	0.018131	2.69E-05	0.001112	0.184552
4616	479363.09	3859877.25	2.07113	5.0987	2.90319	1.47107	1.88E-01	0.02157	5.4E-05	0.00341	0.21272	2.37E-01	0.027225	4.61E-05	0.001989	2.66E-01	0.233519	0.023415	3.77E-05	0.002113	0.259085
4617	479863.09	3859877.25	2.23135	5.89245	3.07193	2.17627	2.02E-01	0.02493	5.8E-05	0.00504	0.23224	2.55E-01	0.031463	4.88E-05	0.002943	2.90E-01	0.251584	0.02706	3.99E-05	0.003125	0.281809
4618	480363.09	3859877.25	2.07563	5.73617	2.82483	2.83092	1.88E-01	0.02427	5.3E-05	0.00656	0.21897	2.37E-01	0.030628	4.49E-05	0.003828	2.72E-01	0.234027	0.026343	3.67E-05	0.004065	0.264471
4619	480863.09	3859877.25	2.07215	5.2887	2.79119	3.08451	1.88E-01	0.02237	5.2E-05	0.00714	0.21735	2.37E-01	0.028239	4.44E-05	0.004171	2.69E-01	0.233634	0.024288	3.62E-05	0.00443	0.262388
4620	481363.09	3859877.25	2.09945	6.2995	2.76264	3.26421	1.90E-01	0.02665	5.2E-05	0.00756	0.22452	2.40E-01	0.033636	4.39E-05	0.004414	2.78E-01	0.236712	0.02893	3.59E-05	0.004688	0.270365
4621	481863.09	3859877.25	2.12604	6.87053	2.85793	3.35224	1.93E-01	0.02907	5.4E-05	0.00776	0.22955	2.43E-01	0.036685	4.54E-05	0.004533	2.84E-01	0.23971	0.031552	3.71E-05	0.004814	0.276113
4622	482363.09	3859877.25	2.24611	7.45151	3.01644	3.49711	2.04E-01	0.03152	5.6E-05	0.0081	0.24323	2.57E-01	0.039787	4.79E-05	0.004728	3.01E-01	0.253248	0.03422	3.92E-05	0.005022	0.292529
4623	482863.09	3859877.25	2.34944	6.47471	3.16391	3.6925	2.13E-01	0.02739	5.9E-05	0.00855	0.24891	2.69E-01	0.034572	5.03E-05	0.004993	3.08E-01	0.264899	0.029734	4.11E-05	0.005303	0.299977
4624	483363.09	3859877.25	2.46285	7.15158	3.31971	3.92992	2.23E-01	0.03025	6.2E-05	0.0091	0.26261	2.82E-01	0.038186	5.28E-05	0.005314	3.25E-01	0.277685	0.032843	4.31E-05	0.005644	0.316215
4625	483863.09	3859877.25	2.47188	6.95097	3.30532	4.25062	2.24E-01	0.02941	6.2E-05	0.00985	0.26332	2.83E-01	0.037115	5.25E-05	0.005747	3.26E-01	0.278704	0.031921	4.29E-05	0.006104	0.316772
4626	484363.09	3859877.25	2.55403	7.22447	3.4627	4.47497	2.31E-01	0.03056	6.5E-05	0.01036	0.27244	2.92E-01	0.038575	5.5E-05	0.006051	3.37E-01	0.287966	0.033177	4.49E-05	0.006426	0.327615
4627	484863.09	3859877.25	2.75826	8.56079	3.72546	4.79328	2.50E-01	0.03622	7E-05	0.0111	0.29735	3.15E-01	0.045711	5.92E-05	0.006481	3.68E-01	0.310993	0.039314	4.84E-05	0.006883	0.357239
4628	485363.09	3859877.25	2.94955	8.17942	3.97456	5.16523	2.67E-01	0.0346	7.4E-05	0.01196	0.31394	3.37E-01	0.043674	6.32E-05	0.006984	3.88E-01	0.332561	0.037563	5.16E-05	0.007418	0.377593
4629	485863.09	3859877.25	3.22113	10.4837	4.29529	5.62522	2.92E-01	0.04435	8E-05	0.01303	0.34937	3.68E-01	0.055978	6.83E-05	0.007606	4.32E-01	0.363181	0.048145	5.58E-05	0.008078	0.41946
4630	486363.09	3859877.25	3.62074	10.17652	4.87368	6.18909	3.28E-01	0.04305	9.1E-05	0.01434	0.3856	4.14E-01	0.054338	7.75E-05	0.008368	4.77E-01	0.408237	0.046734	6.33E-05	0.008888	0.463923
4631	486863.09	3859877.25	4.17557	10.73934	5.60664	6.82239	3.78E-01	0.04543	0.0001	0.0158	0.43974	4.78E-01	0.057343	8.91E-05	0.009225	5.44E-01	0.470794	0.049319	7.28E-05	0.009797	0.529983
4632	487363.09	3859877.25	4.70313	11.34033	6.19762	7.97951	4.26E-01	0.04798	0.00012	0.01848	0.49278	5.38E-01	0.060552	9.85E-05	0.010789	6.09E-01	0.530276	0.052079	8.04E-05	0.011459	0.593895

4633	487863.09	3859877.25	5.66014	12.60981	7.41254	9.62436		5.13E-01	0.05335	0.00014	0.02229	0.58871		6.47E-01	0.06733	0.000118	0.013013	7.28E-01		0.638179	0.057909	9.62E-05	0.013821	0.710005
4634	488363.09	3859877.25	6.74282	11.25839	8.61604	11.58072		6.11E-01	0.04763	0.00016	0.02682	0.68566		7.71E-01	0.060114	0.000137	0.015658	8.47E-01		0.760251	0.051703	0.000112	0.016631	0.828696
4635	488863.09	3859877.25	8.277	12.68239	9.12828	14.68647		7.50E-01	0.05365	0.00017	0.03402	0.83792		9.47E-01	0.067718	0.000145	0.019858	1.03E+00		0.933229	0.058242	0.000118	0.021091	1.01268
4636	489363.09	3859877.25	9.6992	12.4924	8.86614	16.182		8.79E-01	0.05285	0.00017	0.03748	0.96946		1.11E+00	0.066703	0.000141	0.02188	1.20E+00		1.093581	0.05737	0.000115	0.023238	1.174305
4637	489863.09	3859877.25	10.91985	13.02435	9.65197	17.09964		9.90E-01	0.0551	0.00018	0.03961	1.08447		1.25E+00	0.069544	0.000153	0.023121	1.34E+00		1.231209	0.059813	0.000125	0.024556	1.315703
4638	490363.09	3859877.25	8.09496	10.7141	8.38954	13.60311		7.34E-01	0.04533	0.00016	0.03151	0.81057		9.26E-01	0.057208	0.000133	0.018393	1.00E+00		0.912704	0.049203	0.000109	0.019535	0.981551
4639	490863.09	3859877.25	6.97321	10.39949	7.70454	12.57196		6.32E-01	0.044	0.00014	0.02912	0.70519		7.98E-01	0.055528	0.000122	0.016999	8.70E-01		0.786227	0.047758	0.0001	0.018054	0.852139
4640	491363.09	3859877.25	6.16092	9.2182	7.33506	10.73546		5.58E-01	0.039	0.00014	0.02487	0.62232		7.05E-01	0.049221	0.000117	0.014516	7.69E-01		0.694642	0.042333	9.52E-05	0.015417	0.752487
4641	491863.09	3859877.25	5.69979	9.43056	7.00116	11.14526		5.17E-01	0.0399	0.00013	0.02581	0.58237		6.52E-01	0.050355	0.000111	0.01507	7.17E-01		0.642649	0.043309	9.09E-05	0.016005	0.702054
4642	492363.09	3859877.25	5.44876	8.25081	7.09133	10.01324		4.94E-01	0.03491	0.00013	0.02319	0.55201		6.23E-01	0.044055	0.000113	0.013539	6.81E-01		0.614346	0.037891	9.2E-05	0.01438	0.666708
4643	492863.09	3859877.25	5.29611	7.24026	6.97208	8.40042		4.80E-01	0.03063	0.00013	0.01946	0.53016		6.06E-01	0.03866	0.000111	0.011358	6.56E-01		0.597135	0.03325	9.05E-05	0.012063	0.642538
4644	493363.09	3859877.25	4.45901	6.78707	5.97297	7.20059		4.04E-01	0.02871	0.00011	0.01668	0.44959		5.10E-01	0.03624	9.49E-05	0.009736	5.56E-01		0.502752	0.031169	7.75E-05	0.01034	0.544339
4645	493863.09	3859877.25	3.992	6.17476	5.38927	6.44044		3.62E-01	0.02612	0.0001	0.01492	0.4029		4.57E-01	0.03297	8.57E-05	0.008708	4.98E-01		0.450097	0.028357	7E-05	0.009249	0.487772
4646	494363.09	3859877.25	3.96277	5.71051	5.15218	5.35395		3.59E-01	0.02416	9.6E-05	0.0124	0.39577		4.53E-01	0.030491	8.19E-05	0.007239	4.91E-01		0.446801	0.026225	6.69E-05	0.007689	0.480781
4647	494863.09	3859877.25	3.81553	5.2454	5.10663	5.05938		3.46E-01	0.02219	9.6E-05	0.01172	0.37978		4.36E-01	0.028008	8.12E-05	0.006841	4.71E-01		0.4302	0.024089	6.63E-05	0.007266	0.46162
4648	495363.09	3859877.25	3.74281	4.85046	4.8689	4.30254		3.39E-01	0.02052	9.1E-05	0.00997	0.36976		4.28E-01	0.025899	7.74E-05	0.005818	4.60E-01		0.422001	0.022275	6.32E-05	0.006179	0.450518
4649	495863.09	3859877.25	3.42247	4.61911	4.54096	3.598		3.10E-01	0.01954	8.5E-05	0.00833	0.33811		3.91E-01	0.024664	7.22E-05	0.004865	4.21E-01		0.385882	0.021213	5.89E-05	0.005167	0.412321
4650	496363.09	3859877.25	3.16064	4.45311	4.18827	2.68064		2.86E-01	0.01884	7.8E-05	0.00621	0.31155		3.62E-01	0.023777	6.66E-05	0.003625	3.89E-01		0.356361	0.02045	5.44E-05	0.00385	0.380715
4651	496863.09	3859877.25	2.12838	3.07054	2.87162	1.25232		1.93E-01	0.01299	5.4E-05	0.0029	0.20882		2.43E-01	0.016395	4.56E-05	0.001693	2.62E-01		0.239974	0.014101	3.73E-05	0.001798	0.255911
4652	497363.09	3859877.25	2.6911	3.9408	3.63637	2.15535		2.44E-01	0.01667	6.8E-05	0.00499	0.2656		3.08E-01	0.021042	5.78E-05	0.002914	3.32E-01		0.303421	0.018098	4.72E-05	0.003095	0.324661
4653	497863.09	3859877.25	2.642	3.86249	3.50704	3.08645		2.39E-01	0.01634	6.6E-05	0.00715	0.26298		3.02E-01	0.020624	5.57E-05	0.004173	3.27E-01		0.297885	0.017738	4.55E-05	0.004432	0.3201
4654	498363.09	3859877.25	2.22987	3.10879	2.8096	3.38106		2.02E-01	0.01315	5.3E-05	0.00783	0.22311		2.55E-01	0.016599	4.47E-05	0.004572	2.76E-01		0.251417	0.014277	3.65E-05	0.004855	0.270586
4655	471363.09	3860377.25	1.30727	2.24756	1.7006	1.6015		1.18E-01	0.00951	3.2E-05	0.00371	0.13172		1.50E-01	0.012001	2.7E-05	0.002165	1.64E-01		0.147394	0.010322	2.21E-05	0.0023	0.160038
4656	471863.09	3860377.25	1.3577	2.44314	1.75726	1.63596		1.23E-01	0.01034	3.3E-05	0.00379	0.1372		1.55E-01	0.013045	2.79E-05	0.002212	1.71E-01		0.15308	0.01122	2.28E-05	0.002349	0.166672
4657	472363.09	3860377.25	1.39077	2.51691	1.81604	1.68587		1.26E-01	0.01065	3.4E-05	0.0039	0.14062		1.59E-01	0.013439	2.89E-05	0.002279	1.75E-01		0.156809	0.011559	2.36E-05	0.002421	0.170812
4658	472863.09	3860377.25	1.42085	2.52514	1.87515	1.85115		1.29E-01	0.01068	3.5E-05	0.00429	0.14377		1.63E-01	0.013483	2.98E-05	0.002503	1.79E-01		0.1602	0.011596	2.43E-05	0.002658	0.174479
4659	473363.09	3860377.25	1.4614	2.87874	1.95541	1.91787		1.32E-01	0.01218	3.7E-05	0.00444	0.14909		1.67E-01	0.015371	3.11E-05	0.002593	1.85E-01		0.164772	0.01322	2.54E-05	0.002754	0.180772
4660	473863.09	3860377.25	1.5158	3.12694	1.95892	1.95332		1.37E-01	0.01323	3.7E-05	0.00452	0.15515		1.73E-01	0.016696	3.11E-05	0.002641	1.93E-01		0.170906	0.01436	2.54E-05	0.002805	0.188096
4661	474363.09	3860377.25	1.67116	3.00215	2.22183	1.7934		1.51E-01	0.0127	4.2E-05	0.00415	0.16834		1.91E-01	0.01603	3.53E-05	0.002425	2.10E-01		0.188423	0.013787	2.88E-05	0.002575	0.204814
4662	474863.09	3860377.25	1.7054	2.98795	2.34535	1.53361		1.55E-01	0.01264	4.4E-05	0.00355	0.17078		1.95E-01	0.015954	3.73E-05	0.002074	2.13E-01		0.192283	0.013722	3.04E-05	0.002202	0.208238
4663	475363.09	3860377.25	1.49637	2.89586	2.09453	1.00207		1.36E-01	0.01225	3.9E-05	0.00232	0.15022		1.71E-01	0.015463	3.33E-05	0.001355	1.88E-01		0.168715	0.013299	2.72E-05	0.001439	0.18348
4664	475863.09	3860377.25	1.14522	2.50825	1.64984	0.6341		1.04E-01	0.01061	3.1E-05	0.00147	0.11589		1.31E-01	0.013393	2.62E-05	0.000857	1.45E-01		0.129123	0.011519	2.14E-05	0.000911	0.141574
4665	476363.09	3860377.25	0.78237	1.98975	1.10399	0.47401		7.09E-02	0.00842	2.1E-05	0.0011	0.08044		8.95E-02	0.010624	1.75E-05	0.000641	1.01E-01		0.088212	0.009138	1.43E-05	0.000681	0.098045
4666	476863.09	3860377.25	0.6663	1.90691	0.89524	0.42997		6.04E-02	0.00807	1.7E-05	0.001	0.06946		7.62E-02	0.010182	1.42E-05	0.000581	8.70E-02		0.075125	0.008757	1.16E-05	0.000617	0.084511
4667	477363.09	3860377.25	0.37956	0.95628	0.47599	0.36208		3.44E-02	0.00405	8.9E-06	0.00084	0.03929		4.34E-02	0.005106	7.56E-06	0.00049	4.90E-02		0.042795	0.004392	6.18E-06	0.00052	0.047713
4668	477863.09	3860377.25	0.44028	1.24317	0.59146	0.41964		3.99E-02	0.00526	1.1E-05	0.00097	0.04614		5.04E-02	0.006638	9.4E-06	0.000567	5.76E-02		0.049641	0.005709	7.68E-06	0.000603	0.055961
4669	478363.09	3860377.25	0.95895	2.81092	1.3398	0.54576		8.69E-02	0.01189	2.5E-05	0.00126	0.10008		1.10E-01	0.015009	2.13E-05	0.000738	1.25E-01		0.108121	0.012909	1.74E-05	0.000784	0.121831
4670	478863.09	3860377.25	1.52926	3.92462	2.132	0.83688		1.39E-01	0.0166	4E-05	0.00194	0.15717		1.75E-01	0.020956	3.39E-05	0.001132	1.97E-01		0.172424	0.018023	2.77E-05	0.001202	0.191676
4671	479363.09	3860377.25	1.96442	5.36923	2.73402	1.49467		1.78E-01	0.02271	5.1E-05	0.00346	0.20425		2.25E-01	0.028669	4.35E-05	0.002021	2.55E-01		0.221488	0.024657	3.55E-05	0.002146	0.248327
4672	479863.09	3860377.25	2.02005	5.07374	2.77213	2.30937		1.83E-01	0.02146	5.2E-05	0.00535	0.20993		2.31E-01	0.027091	4.41E-05	0.003123	2.61E-01		0.22776	0.0233	3.6E-05	0.003316	0.254413
4673	480363.09	3860377.25	1.82796	5.03695	2.427	2.74062		1.66E-01	0.02131	4.5E-05	0.00635	0.19336		2.09E-01	0.026895	3.86E-05	0.003706	2.40E-01		0.206102	0.023132	3.15E-05	0.003936	0.233201
4674	480863.09	3860377.25	1.84037	5.41703	2.48229	2.95402		1.67E-01	0.02292	4.6E-05	0.00684	0.19658		2.10E-01	0.028924	3.95E-05	0.003994	2.43E-01		0.207501	0.024877	3.22E-05	0.004242	0.236652
4675	481363.09	3860377.25	1.90152	6.12736	2.50671	3.0825		1.72E-01	0.02592	4.7E-05	0.00714	0.20543		2.17E-01	0.032717	3.98E-05	0.004168	2.54E-01		0.214396	0.028139	3.25E-05	0.004427	0.246994
4676	481863.09	3860377.25	1.98534	5.75167	2.66603	3.21479		1.80E-01	0.02433	5E-05	0.00745	0.21174		2.27E-01	0.030711	4.24E-05	0.004347	2.62E-01		0.223846	0.026414	3.46E-05	0.004617	0.254911
4677	482363.09	3860377.25	2.07755	5.30716	2.77609	3.31797		1.88E-01	0.02245	5.2E-05	0.00769	0.21846		2.38E-01	0.028338	4.41E-05	0.004486	2.70E-01		0.234243	0.024372	3.6E-05	0.004765	0.263416
4678	482863.09	3860377.25	2.18696	5.84325	2.96382	3.50436		1.98E-01	0.02472	5.5E-05	0.00812	0.23108		2.50E-01	0.0312	4.71E-05	0.004738	2.86E-01		0.246579	0.026834	3.85E-05	0.005032	0.278484
4679	483363.09	3860377.25	2.28107	6.48925	3.03533	3.7126		2.07E-01	0.02745	5.7E-05	0.0086	0.24282		2.61E-01	0.034649	4.82E-05	0.00502	3.01E-01		0.25719	0.029801	3.94E-05	0.005331	0.292362
4680	483863.09	3860377.25	2.40049	6.32525	3.22654	3.91939		2.18E-01	0.02676	6E-05	0.00908	0.25343		2.75E-01	0.033774	5.13E-05	0.005299	3.14E-01		0.270654	0.029048	4.19E-05	0.005628	0.305373
4681	484363.09	3860377.25	2.39881	7.11831	3.24224	4.12007		2.17E-01	0.03011	6.1E-05	0.00954	0.2571		2.74E-01	0.038008	5.15E-05	0.005571	3.18E-01		0.270465	0.03269	4.21E-05	0.005917	0.309114
4682	484863.09	3860377.25	2.52427	6.58545	3.41658	4.41079		2.29E-01	0.02786	6.4E-05	0.01022	0.26689		2.89E-01	0.035163	5.43E-05	0.005964	3.30E-01		0.284611	0.030243	4.43E-05	0.006334	0.321232
4683	485363.09	3860377.25	2.68016	8.26067	3.61519	4.63563		2.43E-01	0.03495	6.8E-05	0.01074	0.28863		3.07E-01	0.044108	5.75E-05	0.006268	3.57E-01		0.302187	0.037936	4.69E-05	0.006657	0.346827
4684	485863.09	3860377.25	2.88294	8.31505	3.87732	5.03424		2.61E-01	0.03518	7.3E-05	0.01166	0.30817		3.30E-01	0.044398	6.16E-05	0.006807	3.81E-01		0.32505	0.038186	5.03E-05	0.007229	0.370516
4685	486363.09	3860377.25	3.17923	8.87627	4.27776	5.42472		2.88E-01	0.03755	8E-05	0.01256	0.3383		3.64E-01	0.047395	6.8E-05	0.007335	4.18E-01		0.358457	0.040763	5.55E-05	0.00779	0.407066
4686	486863.09	3860377.25	3.54728	8.33087	4.71011	5.98855		3.21E-01	0.03524	8.8E-05	0.01387	0.37066		4.06E-01	0.044483	7.49E-05	0.008097	4.58E-01		0.399955	0.038258	6.11E-05	0.0086	0.446874
4687	487363.09	3860377.25	3.97856	8.84917	5.36929	6.84898		3.61E-01	0.03744	0.0001	0.01586	0.41395		4.55E-01	0.04725	8.53E-05	0.009261	5.12E-01		0.448581	0.040639	6.97E-05	0.009835	0.499125
4688	487863.09	3860377.25	4.4971	9.36562	5.88234	7.63845		4.08E-01	0.03962	0.00011	0.01769	0.46496		5.14E-01	0.050008	9.35E-05	0.010328	5.75E-01		0.507046	0.04301	7.64E-05	0.010969	0.561102
4689	488363.09	3860377.25	5.27954	9.83258	6.65108	9.02341		4.78E-01	0.0416	0.00012	0.0209	0.54106		6.04E-01	0.052501	0.000106	0.012201	6.69E-01		0.595266	0.045155	8.63E-05	0.012958	0.653466
4690	488863.09	3860377.25	6.50337	9.49478	7.31335	10.51751		5.89E-01	0.04017	0.00014	0.02436	0.65401		7.44E-01	0.050698	0.000116	0.014221	8.09E-01		0.733253	0.043604	9.49E-05	0.015104	0.792055
4691	489363.09	3860377.25	7.26818	9.38856	7.74125	11.98657		6.59E-01	0.03972	0.00014	0.02776	0.72628		8.31E-01	0.05013	0.000123	0.016207	8.98E-01		0.819485	0.043116	0.0001	0.017213	0.879914
4692	489863.09	3860377.25	8.03929	10.32852	7.33548	13.53421		7.29E-01	0.04369	0.00014	0.03135	0.80372		9.20E-01	0.055149	0.000117	0.0183	9.93E-01		0.906427	0.047432	9.52E-05	0.019436	0.973391
4693	490363.09	3860377.25	8.96286	10.84122	8.09736	13.9774		8.12E-01	0.04586	0.00015	0.03237	0.89062		1.03E+00	0.057887	0.000129	0.018899	1.10E+00		1.010559	0.049787	0.000105	0.020072	1.080524

4694	490863.09	3860377.25	7.01039	8.98484	7.07516	11.73675	6.35E-01	0.03801	0.00013	0.02718	0.70062	8.02E-01	0.047975	0.000112	0.015869	8.66E-01	0.790419	0.041262	9.18E-05	0.016855	0.848627
4695	491363.09	3860377.25	5.96847	7.91308	6.06381	9.82899	5.41E-01	0.03348	0.00011	0.02277	0.59723	6.83E-01	0.042252	9.64E-05	0.01329	7.38E-01	0.672943	0.03634	7.87E-05	0.014115	0.723476
4696	491863.09	3860377.25	5.28091	7.65435	6.2731	9.50823	4.79E-01	0.03238	0.00012	0.02202	0.53309	6.04E-01	0.040871	9.97E-05	0.012856	6.58E-01	0.595421	0.035152	8.14E-05	0.013654	0.644308
4697	492363.09	3860377.25	4.88582	7.17774	5.84545	8.6247	4.43E-01	0.03037	0.00011	0.01998	0.49321	5.59E-01	0.038326	9.29E-05	0.011662	6.09E-01	0.550875	0.032963	7.59E-05	0.012386	0.596299
4698	492863.09	3860377.25	4.6193	7.26601	5.6233	8.65446	4.19E-01	0.03074	0.00011	0.02005	0.4695	5.28E-01	0.038797	8.94E-05	0.011702	5.79E-01	0.520824	0.033368	7.3E-05	0.012428	0.566694
4699	493363.09	3860377.25	4.60229	6.8373	5.84204	8.40646	4.17E-01	0.02893	0.00011	0.01947	0.46557	5.26E-01	0.036508	9.28E-05	0.011366	5.74E-01	0.518907	0.031399	7.58E-05	0.012072	0.562454
4700	493863.09	3860377.25	4.41529	5.85292	5.56351	6.74594	4.00E-01	0.02476	0.0001	0.01562	0.44061	5.05E-01	0.031252	8.84E-05	0.009121	5.45E-01	0.497822	0.026879	7.22E-05	0.009688	0.534461
4701	494363.09	3860377.25	3.81125	5.57679	4.95709	6.3556	3.45E-01	0.02359	9.3E-05	0.01472	0.38379	4.36E-01	0.029777	7.88E-05	0.008593	4.74E-01	0.429717	0.025611	6.43E-05	0.009127	0.464519
4702	494863.09	3860377.25	3.39427	5.06044	4.5227	6.05502	3.08E-01	0.02141	8.5E-05	0.01402	0.34311	3.88E-01	0.02702	7.19E-05	0.008187	4.24E-01	0.382703	0.023239	5.87E-05	0.008695	0.414696
4703	495363.09	3860377.25	3.28208	4.69687	4.16693	5.58607	2.97E-01	0.01987	7.8E-05	0.01294	0.33032	3.75E-01	0.025079	6.62E-05	0.007553	4.08E-01	0.370053	0.02157	5.41E-05	0.008022	0.399699
4704	495863.09	3860377.25	3.2536	4.49706	4.20997	4.89498	2.95E-01	0.01902	7.9E-05	0.01134	0.32529	3.72E-01	0.024012	6.69E-05	0.006619	4.03E-01	0.366842	0.020652	5.46E-05	0.007029	0.394579
4705	496363.09	3860377.25	3.50826	4.4219	4.6075	3.7538	3.18E-01	0.01871	8.6E-05	0.00869	0.34541	4.01E-01	0.023611	7.32E-05	0.005076	4.30E-01	0.395555	0.020307	5.98E-05	0.005391	0.421313
4706	496863.09	3860377.25	3.22687	4.19963	4.19257	2.96554	2.92E-01	0.01777	7.8E-05	0.00687	0.31714	3.69E-01	0.022424	6.66E-05	0.00401	3.96E-01	0.363828	0.019286	5.44E-05	0.004259	0.387428
4707	497363.09	3860377.25	2.76815	3.6868	3.65948	2.12868	2.51E-01	0.0156	6.9E-05	0.00493	0.27145	3.17E-01	0.019686	5.82E-05	0.002878	3.39E-01	0.312108	0.016931	4.75E-05	0.003057	0.332144
4708	497863.09	3860377.25	2.80295	3.64105	3.75531	3.12256	2.54E-01	0.0154	7E-05	0.00723	0.27672	3.21E-01	0.019441	5.97E-05	0.004222	3.44E-01	0.316032	0.016721	4.87E-05	0.004484	0.337286
4709	498363.09	3860377.25	2.2862	3.0317	2.97894	3.61666	2.07E-01	0.01283	5.6E-05	0.00838	0.22844	2.61E-01	0.016188	4.73E-05	0.00489	2.83E-01	0.257768	0.013923	3.87E-05	0.005194	0.276923
4710	471363.09	3860877.25	1.25287	2.112	1.61038	1.68961	1.14E-01	0.00893	3E-05	0.00391	0.12642	1.43E-01	0.011277	2.56E-05	0.002285	1.57E-01	0.141261	0.009699	2.09E-05	0.002426	0.153407
4711	471863.09	3860877.25	1.30442	2.25409	1.7185	1.7581	1.18E-01	0.00954	3.2E-05	0.00407	0.13185	1.49E-01	0.012036	2.73E-05	0.002377	1.64E-01	0.147073	0.010352	2.23E-05	0.002525	0.159972
4712	472363.09	3860877.25	1.29491	2.63963	1.73078	1.80594	1.17E-01	0.01117	3.2E-05	0.00418	0.13273	1.48E-01	0.014094	2.75E-05	0.002442	1.65E-01	0.146001	0.012122	2.25E-05	0.002593	0.160739
4713	472863.09	3860877.25	1.32582	2.48764	1.69036	1.90031	1.20E-01	0.01052	3.2E-05	0.0044	0.13511	1.52E-01	0.013283	2.69E-05	0.002569	1.68E-01	0.149486	0.011424	2.19E-05	0.002729	0.163661
4714	473363.09	3860877.25	1.40646	2.5431	1.81347	1.9211	1.27E-01	0.01076	3.4E-05	0.00445	0.1427	1.61E-01	0.013579	2.88E-05	0.002598	1.77E-01	0.158578	0.011679	2.35E-05	0.002759	0.173039
4715	473863.09	3860877.25	1.47468	2.40768	1.97394	1.99304	1.34E-01	0.01019	3.7E-05	0.00462	0.14848	1.69E-01	0.012856	3.14E-05	0.002695	1.84E-01	0.16627	0.011057	2.56E-05	0.002862	0.180214
4716	474363.09	3860877.25	1.54176	2.50152	2.08786	2.01151	1.40E-01	0.01058	3.9E-05	0.00466	0.155	1.76E-01	0.013357	3.32E-05	0.00272	1.92E-01	0.173833	0.011488	2.71E-05	0.002889	0.188237
4717	474863.09	3860877.25	1.57054	2.65332	2.13488	2.01458	1.42E-01	0.01122	4E-05	0.00467	0.15826	1.80E-01	0.014167	3.39E-05	0.002724	1.97E-01	0.177078	0.012185	2.77E-05	0.002893	0.192184
4718	475363.09	3860877.25	1.62418	2.97673	2.24888	1.79751	1.47E-01	0.01259	4.2E-05	0.00416	0.16399	1.86E-01	0.015894	3.57E-05	0.00243	2.04E-01	0.183126	0.01367	2.92E-05	0.002581	0.199406
4719	475863.09	3860877.25	1.61372	3.29334	2.24816	1.40702	1.46E-01	0.01393	4.2E-05	0.00326	0.16347	1.85E-01	0.017585	3.57E-05	0.001902	2.04E-01	0.181946	0.015124	2.92E-05	0.002021	0.19912
4720	476363.09	3860877.25	1.46167	3.31939	2.02692	1.00214	1.32E-01	0.01404	3.8E-05	0.00232	0.14886	1.67E-01	0.017724	3.22E-05	0.001355	1.86E-01	0.164803	0.015244	2.63E-05	0.001439	0.181512
4721	476863.09	3860877.25	1.37232	3.22491	1.91953	0.83402	1.24E-01	0.01364	3.6E-05	0.00193	0.13997	1.57E-01	0.017219	3.05E-05	0.001128	1.75E-01	0.154729	0.01481	2.49E-05	0.001198	0.170761
4722	477363.09	3860877.25	1.3701	3.31855	1.9652	0.82545	1.24E-01	0.01404	3.7E-05	0.00191	0.14015	1.57E-01	0.017719	3.12E-05	0.001116	1.76E-01	0.154478	0.01524	2.55E-05	0.001185	0.170929
4723	477863.09	3860877.25	1.11956	2.8425	1.55684	0.62888	1.01E-01	0.01203	2.9E-05	0.00146	0.11497	1.28E-01	0.015178	2.47E-05	0.00085	1.44E-01	0.12623	0.013054	2.02E-05	0.000903	0.140207
4724	478363.09	3860877.25	0.53543	1.53849	0.71163	0.43503	4.85E-02	0.00651	1.3E-05	0.00101	0.05605	6.12E-02	0.008215	1.13E-05	0.000588	7.01E-02	0.06037	0.007065	9.24E-06	0.000625	0.068069
4725	478863.09	3860877.25	1.44192	3.95625	2.02562	0.79848	1.31E-01	0.01674	3.8E-05	0.00185	0.14929	1.65E-01	0.021124	3.22E-05	0.00108	1.87E-01	0.162576	0.018169	2.63E-05	0.001147	0.181918
4726	479363.09	3860877.25	1.80699	4.71489	2.4779	1.57813	1.64E-01	0.01995	4.6E-05	0.00366	0.1874	2.07E-01	0.025175	3.94E-05	0.002134	2.34E-01	0.203738	0.021653	3.22E-05	0.002266	0.227688
4727	479863.09	3860877.25	1.76445	4.8389	2.34894	2.27477	1.60E-01	0.02047	4.4E-05	0.00527	0.18568	2.02E-01	0.025837	3.73E-05	0.003076	2.31E-01	0.198941	0.022222	3.05E-05	0.003267	0.22446
4728	480363.09	3860877.25	1.6602	5.09112	2.18892	2.64454	1.50E-01	0.02154	4.1E-05	0.00613	0.17816	1.90E-01	0.027184	3.48E-05	0.003576	2.21E-01	0.187187	0.02338	2.84E-05	0.003798	0.214393
4729	480863.09	3860877.25	1.7093	4.63578	2.31996	2.78335	1.55E-01	0.01961	4.3E-05	0.00645	0.181	1.96E-01	0.024753	3.69E-05	0.003763	2.24E-01	0.192723	0.021289	3.01E-05	0.003997	0.218039
4730	481363.09	3860877.25	1.77016	4.77556	2.40021	2.93256	1.60E-01	0.0202	4.5E-05	0.00679	0.18746	2.02E-01	0.025499	3.81E-05	0.003965	2.32E-01	0.199585	0.021931	3.12E-05	0.004211	0.225759
4731	481863.09	3860877.25	1.85526	4.72521	2.48764	2.98051	1.68E-01	0.01999	4.7E-05	0.0069	0.19507	2.12E-01	0.02523	3.95E-05	0.00403	2.42E-01	0.20918	0.0217	3.23E-05	0.00428	0.235192
4732	482363.09	3860877.25	1.94473	4.81753	2.5881	3.11386	1.76E-01	0.02038	4.8E-05	0.00721	0.20388	2.22E-01	0.025723	4.11E-05	0.00421	2.52E-01	0.219268	0.022124	3.36E-05	0.004472	0.245897
4733	482863.09	3860877.25	2.04054	5.66973	2.72587	3.28809	1.85E-01	0.02399	5.1E-05	0.00762	0.21657	2.33E-01	0.030274	4.33E-05	0.004446	2.68E-01	0.23007	0.026038	3.54E-05	0.004722	0.260865
4734	483363.09	3860877.25	2.1217	5.52096	2.82613	3.39642	1.92E-01	0.02336	5.3E-05	0.00787	0.22355	2.43E-01	0.029479	4.49E-05	0.004592	2.77E-01	0.239221	0.025354	3.67E-05	0.004877	0.269489
4735	483863.09	3860877.25	2.24939	6.09025	3.03863	3.57863	2.04E-01	0.02576	5.7E-05	0.00829	0.23795	2.57E-01	0.032519	4.83E-05	0.004839	2.95E-01	0.253618	0.027969	3.94E-05	0.005139	0.286765
4736	484363.09	3860877.25	2.31298	6.292	3.10934	3.85759	2.10E-01	0.02662	5.8E-05	0.00893	0.24522	2.65E-01	0.033596	4.94E-05	0.005216	3.03E-01	0.260788	0.028895	4.04E-05	0.00554	0.295263
4737	484863.09	3860877.25	2.33682	6.32755	3.14532	4.0747	2.12E-01	0.02677	5.9E-05	0.00944	0.24803	2.67E-01	0.033786	5E-05	0.005509	3.07E-01	0.263476	0.029058	4.08E-05	0.005851	0.298426
4738	485363.09	3860877.25	2.47006	7.34272	3.34419	4.26151	2.24E-01	0.03106	6.3E-05	0.00987	0.26484	2.83E-01	0.039207	5.31E-05	0.005762	3.28E-01	0.278498	0.03372	4.34E-05	0.00612	0.318382
4739	485863.09	3860877.25	2.65715	6.5847	3.57117	4.62	2.41E-01	0.02786	6.7E-05	0.0107	0.27942	3.04E-01	0.035159	5.68E-05	0.006247	3.45E-01	0.299593	0.030239	4.64E-05	0.006635	0.336513
4740	486363.09	3860877.25	2.87048	8.01151	3.8323	4.82223	2.60E-01	0.03389	7.2E-05	0.01117	0.30526	3.28E-01	0.042778	6.09E-05	0.00652	3.78E-01	0.323646	0.036792	4.97E-05	0.006925	0.367412
4741	486863.09	3860877.25	3.15766	6.81254	4.14917	5.36925	2.86E-01	0.02882	7.8E-05	0.01244	0.32749	3.61E-01	0.036376	6.59E-05	0.00726	4.05E-01	0.356025	0.031286	5.39E-05	0.007711	0.395075
4742	487363.09	3860877.25	3.51056	6.92371	4.72183	5.80063	3.18E-01	0.02929	8.8E-05	0.01344	0.36095	4.02E-01	0.036969	7.5E-05	0.007843	4.46E-01	0.395814	0.031796	6.13E-05	0.00833	0.436002
4743	487863.09	3860877.25	3.81929	7.33228	4.92346	6.66096	3.46E-01	0.03102	9.2E-05	0.01543	0.39265	4.37E-01	0.039151	7.82E-05	0.009006	4.85E-01	0.430624	0.033673	6.39E-05	0.009565	0.473926
4744	488363.09	3860877.25	4.50044	8.74596	5.87718	7.57439	4.08E-01	0.037	0.00011	0.01754	0.46249	5.15E-01	0.046699	9.34E-05	0.010241	5.72E-01	0.507423	0.040165	7.63E-05	0.010877	0.558541
4745	488863.09	3860877.25	5.10189	7.24871	6.38443	8.51983	4.62E-01	0.03067	0.00012	0.01973	0.51286	5.84E-01	0.038705	0.000101	0.01152	6.34E-01	0.575236	0.033289	8.29E-05	0.012235	0.620843
4746	489363.09	3860877.25	5.90101	8.27297	6.6337	9.83722	5.35E-01	0.035	0.00012	0.02278	0.59267	6.75E-01	0.044174	0.000105	0.013301	7.33E-01	0.665337	0.037993	8.61E-05	0.014127	0.717542
4747	489863.09	3860877.25	6.15823	7.67823	6.62986	10.32519	5.58E-01	0.03248	0.00012	0.02392	0.61459	7.04E-01	0.040998	0.000105	0.013961	7.59E-01	0.694338	0.035261	8.61E-05	0.014828	0.744513
4748	490363.09	3860877.25	6.36328	8.41082	6.21249	10.6518	5.77E-01	0.03558	0.00012	0.02467	0.63702	7.28E-01	0.04491	9.87E-05	0.014402	7.87E-01	0.717458	0.038626	8.06E-05	0.015297	0.77146
4749	490863.09	3860877.25	7.21238	8.98737	6.8227	11.4354	6.54E-01	0.03802	0.00013	0.02649	0.71824	8.25E-01	0.047988	0.000108	0.015462	8.88E-01	0.813193	0.041273	8.86E-05	0.016422	0.870977
4750	491363.09	3860877.25	5.91214	7.81505	5.91235	10.02486	5.36E-01	0.03306	0.00011	0.02322	0.59216	6.76E-01	0.041729	9.4E-05	0.013555	7.32E-01	0.666592	0.03589	7.67E-05	0.014396	0.716954
4751	491863.09	3860877.25	5.09815	6.56898	5.60965	8.11427	4.62E-01	0.02779	0.00011	0.01879	0.50869	5.83E-01	0.035075	8.92E-05	0.010971	6.29E-01	0.574815	0.030167	7.28E-05	0.011653	0.616707
4752	492363.09	3860877.25	4.63787	6.44882	5.13303	8.04258	4.20E-01	0.02728	9.6E-05	0.01863	0.4663	5.30E-01	0.034434	8.16E-05	0.010874	5.76E-01	0.522918	0.029615	6.66E-05	0.01155	0.56415
4753	492863.09	3860877.25	4.20433	5.85721	4.71343	7.28252	3.81E-01	0.02478	8.8E-05	0.01687	0.42274	4.81E-01	0.031275	7.49E-05	0.009847	5.22E-01	0.474037	0.026898	6.12E-05	0.010458	0.511455
4754	493363.09	3860877.25	4.0424	5.82244	4.72294	7.09093	3.66E-01	0.02463	8.8E-05	0.01642	0.40748	4.62E-01	0.031089	7.51E-05	0.009588	5.03E-01	0.455779	0.026739	6.13E-05	0.010183	0.492762

4755	493863.09	3860877.25	3.93579	5.83529	4.62843	7.13801		3.57E-01	0.02469	8.7E-05	0.01653	0.39798		4.50E-01	0.031158	7.36E-05	0.009651	4.91E-01		0.443759	0.026798	6.01E-05	0.010251	0.480867		
4756	494363.09	3860877.25	3.82669	5.44228	4.75582	6.90989		3.47E-01	0.02302	8.9E-05	0.016	0.3859		4.38E-01	0.029059	7.56E-05	0.009343	4.76E-01		0.431458	0.024993	6.17E-05	0.009923	0.466436		
4757	494863.09	3860877.25	3.67575	4.79968	4.61931	5.73802		3.33E-01	0.02031	8.6E-05	0.01329	0.36679		4.20E-01	0.025628	7.34E-05	0.007758	4.54E-01		0.41444	0.022042	6E-05	0.00824	0.444782		
4758	495363.09	3860877.25	3.27906	4.56854	4.1204	5.29822		2.97E-01	0.01933	7.7E-05	0.01227	0.32883		3.75E-01	0.024394	6.55E-05	0.007164	4.07E-01		0.369713	0.02098	5.35E-05	0.007609	0.398355		
4759	495863.09	3860877.25	2.95286	4.33698	3.77373	5.15477		2.68E-01	0.01835	7.1E-05	0.01194	0.29795		3.38E-01	0.023157	6E-05	0.00697	3.68E-01		0.332934	0.019917	4.9E-05	0.007403	0.360302		
4760	496363.09	3860877.25	2.87584	4.09126	3.55449	4.95904		2.61E-01	0.01731	6.7E-05	0.01149	0.28948		3.29E-01	0.021845	5.65E-05	0.006705	3.58E-01		0.32425	0.018789	4.61E-05	0.007121	0.350206		
4761	496863.09	3860877.25	2.86349	3.93639	3.72034	4.54635		2.59E-01	0.01665	7E-05	0.01053	0.28675		3.28E-01	0.021018	5.91E-05	0.006147	3.55E-01		0.322858	0.018077	4.83E-05	0.006529	0.347512		
4762	497363.09	3860877.25	2.78743	3.71843	3.62387	4.14492		2.53E-01	0.01573	6.8E-05	0.0096	0.278		3.19E-01	0.019855	5.76E-05	0.005604	3.44E-01		0.314282	0.017076	4.7E-05	0.005952	0.337358		
4763	497863.09	3860877.25	2.78717	3.56624	3.62376	3.72351		2.53E-01	0.01509	6.8E-05	0.00862	0.27636		3.19E-01	0.019042	5.76E-05	0.005035	3.43E-01		0.314252	0.016377	4.7E-05	0.005347	0.336024		
4764	498363.09	3860877.25	2.29928	3.20607	2.97064	3.77784		2.08E-01	0.01356	5.6E-05	0.00875	0.23073		2.63E-01	0.017119	4.72E-05	0.005108	2.85E-01		0.259243	0.014723	3.86E-05	0.005425	0.27943		
4765	471363.09	3861377.25	1.13825	2.17741	1.53242	1.74477		1.03E-01	0.00921	2.9E-05	0.00404	0.11643		1.30E-01	0.011626	2.44E-05	0.002359	1.44E-01		0.128337	0.009999	1.99E-05	0.002506	0.140862		
4766	471863.09	3861377.25	1.21132	2.2607	1.53444	1.80433		1.10E-01	0.00956	2.9E-05	0.00418	0.12354		1.39E-01	0.012071	2.44E-05	0.00244	1.53E-01		0.136576	0.010382	1.99E-05	0.002591	0.149569		
4767	472363.09	3861377.25	1.28932	2.27623	1.64457	1.83533		1.17E-01	0.00963	3.1E-05	0.00425	0.13075		1.47E-01	0.012154	2.61E-05	0.002482	1.62E-01		0.14537	0.010453	2.13E-05	0.002636	0.158481		
4768	472863.09	3861377.25	1.29154	2.14755	1.75867	1.9323		1.17E-01	0.00909	3.3E-05	0.00448	0.13064		1.48E-01	0.011467	2.8E-05	0.002613	1.62E-01		0.145621	0.009862	2.28E-05	0.002775	0.158281		
4769	473363.09	3861377.25	1.31233	2.1432	1.75404	2.01931		1.19E-01	0.00907	3.3E-05	0.00468	0.1327		1.50E-01	0.011444	2.79E-05	0.00273	1.64E-01		0.147965	0.009842	2.28E-05	0.0029	0.16073		
4770	473863.09	3861377.25	1.36162	2.22297	1.823	2.01898		1.23E-01	0.0094	3.4E-05	0.00468	0.13751		1.56E-01	0.01187	2.9E-05	0.00273	1.70E-01		0.153522	0.010209	2.37E-05	0.002899	0.166654		
4771	474363.09	3861377.25	1.35068	2.18866	1.83806	2.07011		1.22E-01	0.00926	3.4E-05	0.00479	0.13649		1.54E-01	0.011686	2.92E-05	0.002799	1.69E-01		0.152289	0.010051	2.39E-05	0.002973	0.165336		
4772	474863.09	3861377.25	1.39133	2.51429	1.89351	2.03207		1.26E-01	0.01064	3.5E-05	0.00471	0.14146		1.59E-01	0.013425	3.01E-05	0.002748	1.75E-01		0.156872	0.011547	2.46E-05	0.002918	0.171361		
4773	475363.09	3861377.25	1.39951	2.69896	1.89771	2.07642		1.27E-01	0.01142	3.6E-05	0.00481	0.14309		1.60E-01	0.014411	3.02E-05	0.002808	1.77E-01		0.157794	0.012395	2.46E-05	0.002982	0.173195		
4774	475863.09	3861377.25	1.5309	2.87082	2.07801	1.97837		1.39E-01	0.01215	3.9E-05	0.00458	0.1555		1.75E-01	0.015329	3.3E-05	0.002675	1.93E-01		0.172608	0.013184	2.7E-05	0.002841	0.18866		
4775	476363.09	3861377.25	1.60713	3.25021	2.15123	1.77462		1.46E-01	0.01375	4E-05	0.00411	0.16354		1.84E-01	0.017355	3.42E-05	0.002399	2.04E-01		0.181203	0.014926	2.79E-05	0.002548	0.198706		
4776	476863.09	3861377.25	1.61935	3.50035	2.2264	1.5986		1.47E-01	0.01481	4.2E-05	0.0037	0.1653		1.85E-01	0.01869	3.54E-05	0.002161	2.06E-01		0.182581	0.016075	2.89E-05	0.002296	0.200981		
4777	477363.09	3861377.25	1.60717	3.70219	2.23547	1.44478		1.46E-01	0.01566	4.2E-05	0.00335	0.1647		1.84E-01	0.019768	3.55E-05	0.001953	2.06E-01		0.181208	0.017002	2.9E-05	0.002075	0.200313		
4778	477863.09	3861377.25	1.45458	3.32992	2.00398	0.92217		1.32E-01	0.01409	3.8E-05	0.00214	0.14808		1.66E-01	0.01778	3.18E-05	0.001247	1.85E-01		0.164003	0.015292	2.6E-05	0.001324	0.180646		
4779	478363.09	3861377.25	0.76536	2.12068	0.9978	0.47231		6.94E-02	0.00897	1.9E-05	0.00109	0.07944		8.75E-02	0.011323	1.59E-05	0.000639	9.95E-02		0.086294	0.009739	1.3E-05	0.000678	0.096724		
4780	478863.09	3861377.25	0.98319	2.8384	1.34991	0.5289		8.91E-02	0.01201	2.5E-05	0.00123	0.10236		1.12E-01	0.015156	2.15E-05	0.000715	1.28E-01		0.110854	0.013035	1.75E-05	0.00076	0.124666		
4781	479363.09	3861377.25	1.66575	4.96099	2.27584	1.40059		1.51E-01	0.02099	4.3E-05	0.00324	0.17523		1.91E-01	0.026489	3.62E-05	0.001894	2.19E-01		0.187813	0.022783	2.95E-05	0.002011	0.212636		
4782	479863.09	3861377.25	1.66988	4.39191	2.19434	2.16582		1.51E-01	0.01858	4.1E-05	0.00502	0.17497		1.91E-01	0.023451	3.49E-05	0.002928	2.17E-01		0.188278	0.020169	2.85E-05	0.00311	0.211586		
4783	480363.09	3861377.25	1.56891	3.77793	2.1053	2.54308		1.42E-01	0.01598	3.9E-05	0.00589	0.16409		1.79E-01	0.020172	3.35E-05	0.003439	2.03E-01		0.176894	0.01735	2.73E-05	0.003652	0.197923		
4784	480863.09	3861377.25	1.60183	3.92709	2.17273	2.6392		1.45E-01	0.01661	4.1E-05	0.00611	0.16793		1.83E-01	0.020969	3.45E-05	0.003568	2.08E-01		0.180606	0.018035	2.82E-05	0.00379	0.202459		
4785	481363.09	3861377.25	1.67522	4.23529	2.22319	2.69195		1.52E-01	0.01792	4.2E-05	0.00624	0.17601		1.92E-01	0.022614	3.53E-05	0.00364	2.18E-01		0.18888	0.01945	2.89E-05	0.003866	0.212225		
4786	481863.09	3861377.25	1.72529	4.14888	2.32015	2.85001		1.56E-01	0.01755	4.3E-05	0.0066	0.18055		1.97E-01	0.022153	3.69E-05	0.003854	2.23E-01		0.194526	0.019053	3.01E-05	0.004093	0.217702		
4787	482363.09	3861377.25	1.83867	4.75442	2.44934	2.97393		1.67E-01	0.02011	4.6E-05	0.00689	0.19367		2.10E-01	0.025386	3.89E-05	0.004021	2.40E-01		0.207309	0.021834	3.18E-05	0.004271	0.233446		
4788	482863.09	3861377.25	1.86831	4.89328	2.53501	3.08472		1.69E-01	0.0207	4.7E-05	0.00714	0.1972		2.14E-01	0.026128	4.03E-05	0.004171	2.44E-01		0.210651	0.022472	3.29E-05	0.00443	0.237586		
4789	483363.09	3861377.25	1.97558	5.26041	2.62438	3.22016		1.79E-01	0.02225	4.9E-05	0.00746	0.20879		2.26E-01	0.028088	4.17E-05	0.004354	2.58E-01		0.222746	0.024158	3.41E-05	0.004624	0.251562		
4790	483863.09	3861377.25	2.09264	5.55924	2.80494	3.39545		1.90E-01	0.02352	5.3E-05	0.00786	0.22107		2.39E-01	0.029684	4.46E-05	0.004591	2.74E-01		0.235944	0.02553	3.64E-05	0.004876	0.266387		
4791	484363.09	3861377.25	2.19937	5.26971	2.93929	3.57964		1.99E-01	0.02229	5.5E-05	0.00829	0.22995		2.52E-01	0.028138	4.67E-05	0.00484	2.85E-01		0.247978	0.0242	3.82E-05	0.005141	0.277357		
4792	484863.09	3861377.25	2.22725	6.16013	2.97205	3.81493		2.02E-01	0.02606	5.6E-05	0.00884	0.23679		2.55E-01	0.032892	4.72E-05	0.005158	2.93E-01		0.251122	0.02829	3.86E-05	0.005478	0.284928		
4793	485363.09	3861377.25	2.28348	6.17275	3.08212	3.93576		2.07E-01	0.02611	5.8E-05	0.00912	0.24222		2.61E-01	0.03296	4.9E-05	0.005322	3.00E-01		0.257462	0.028348	4E-05	0.005652	0.291501		
4794	485863.09	3861377.25	2.3995	5.71972	3.23735	4.20885		2.17E-01	0.0242	6.1E-05	0.00975	0.25145		2.74E-01	0.030541	5.15E-05	0.005691	3.11E-01		0.270543	0.026267	4.2E-05	0.006044	0.302896		
4795	486363.09	3861377.25	2.59238	6.65784	3.44252	4.41072		2.35E-01	0.02817	6.4E-05	0.01022	0.27337		2.97E-01	0.03555	5.47E-05	0.005964	3.38E-01		0.29229	0.030575	4.47E-05	0.006334	0.329244		
4796	486863.09	3861377.25	2.88435	5.86998	3.77007	4.82821		2.61E-01	0.02483	7.1E-05	0.01118	0.29747		3.30E-01	0.031343	5.99E-05	0.006528	3.68E-01		0.325209	0.026957	4.89E-05	0.006934	0.359149		
4797	487363.09	3861377.25	3.13709	5.96206	4.19434	5.21196		2.84E-01	0.02522	7.9E-05	0.01207	0.32166		3.59E-01	0.031835	6.67E-05	0.007047	3.98E-01		0.353706	0.02738	5.44E-05	0.007485	0.388625		
4798	487863.09	3861377.25	3.41649	5.75391	4.41611	5.81914		3.10E-01	0.02434	8.3E-05	0.01348	0.34751		3.91E-01	0.030723	7.02E-05	0.007868	4.29E-01		0.385208	0.026424	5.73E-05	0.008357	0.420046		
4799	488363.09	3861377.25	3.5964	7.0875	4.74862	6.30866		3.26E-01	0.02998	8.9E-05	0.01461	0.3706		4.11E-01	0.037844	7.55E-05	0.00853	4.58E-01		0.405493	0.032548	6.16E-05	0.00906	0.447163		
4800	488863.09	3861377.25	4.15415	6.29392	5.19915	6.95359		3.76E-01	0.02663	9.7E-05	0.01611	0.41929		4.75E-01	0.033607	8.26E-05	0.009402	5.18E-01		0.468379	0.028904	6.75E-05	0.009986	0.507336		
4801	489363.09	3861377.25	4.74992	6.11167	5.6574	7.88542		4.30E-01	0.02586	0.00011	0.01826	0.47467		5.43E-01	0.032633	8.99E-05	0.010662	5.87E-01		0.535552	0.028067	7.34E-05	0.011324	0.575016		
4802	489863.09	3861377.25	4.9507	6.91473	5.68981	9.032		4.49E-01	0.02925	0.00011	0.02092	0.49892		5.66E-01	0.036921	9.04E-05	0.012212	6.15E-01		0.55819	0.031755	7.39E-05	0.01297	0.602989		
4803	490363.09	3861377.25	5.43539	6.8744	5.65194	8.93761		4.93E-01	0.02908	0.00011	0.0207	0.54246		6.22E-01	0.036706	8.98E-05	0.012085	6.71E-01		0.612838	0.03157	7.34E-05	0.012835	0.657316		
4804	490863.09	3861377.25	5.32169	6.95342	5.38015	8.76543		4.82E-01	0.02942	0.0001	0.0203	0.53208		6.09E-01	0.037128	8.55E-05	0.011852	6.58E-01		0.600019	0.031933	6.98E-05	0.012588	0.644609		
4805	491363.09	3861377.25	5.84263	7.47268	5.87198	9.52724		5.29E-01	0.03161	0.00011	0.02207	0.58326		6.68E-01	0.039901	9.33E-05	0.012882	7.21E-01		0.658755	0.034317	7.62E-05	0.013682	0.70683		
4806	491863.09	3861377.25	5.00448	6.81617	5.34651	9.00081		4.54E-01	0.02884	0.0001	0.02085	0.5033		5.72E-01	0.036395	8.5E-05	0.01217	6.21E-01		0.564253	0.031302	6.94E-05	0.012926	0.608551		
4807	492363.09	3861377.25	4.41431	5.65079	4.68576	7.2914		4.00E-01	0.02391	8.8E-05	0.01689	0.44092		5.05E-01	0.030173	7.45E-05	0.009859	5.45E-01		0.497712	0.025951	6.08E-05	0.010471	0.534194		
4808	492863.09	3861377.25	4.02943	5.49803	4.17115	6.7587		3.65E-01	0.02326	7.8E-05	0.01565	0.40415		4.61E-01	0.029357	6.63E-05	0.009138	4.99E-01		0.454317	0.025249	5.41E-05	0.009706	0.489326		
4809	493363.09	3861377.25	3.73975	5.25612	4.30082	6.48478		3.39E-01	0.02224	8.1E-05	0.01502	0.37624		4.28E-01	0.028065	6.84E-05	0.008768	4.65E-01		0.421656	0.024138	5.58E-05	0.009312	0.455162		
4810	493863.09	3861377.25	3.50923	4.80236	3.83551	5.89284		3.18E-01	0.02032	7.2E-05	0.01365	0.35205		4.01E-01	0.025642	6.1E-05	0.007968	4.35E-01		0.395664	0.022054	4.98E-05	0.008462	0.426231		
4811	494363.09	3861377.25	3.30592	4.77685	3.84166	5.83386		3.00E-01	0.02021	7.2E-05	0.01351	0.33338		3.78E-01	0.025506	6.11E-05	0.007888	4.12E-01		0.372741	0.021937	4.99E-05	0.008378	0.403106		
4812	494863.09	3861377.25	3.32426	4.81545	3.92531	5.85772		3.01E-01	0.02037	7.3E-05	0.01357	0.33526		3.80E-01	0.025712	6.24E-05	0.00792	4.14E-01		0.374809	0.022114	5.1E-05	0.008412	0.405386		
4813	495363.09	3861377.25	3.24652	4.5385	3.89187	5.75217		2.94E-01	0.0192	7.3E-05	0.01332	0.3268		3.71E-01	0.024233	6.19E-05	0.007778	4.03E-01		0.366044	0.020842	5.05E-05	0.00826	0.395197		
4814	495863.09	3861377.25	3.01475	3.84081	3.7994	4.9256		2.73E-01	0.01625	7.1E-05	0.01141	0.30093		3.45E-01	0.020508	6.04E-05	0.00666	3.72E-01		0.339912	0.017638	4.93E-05	0.007073	0.364673		
4815	496363.09	3861377.25	2.7816	3.76876	3.42633	4.61356		2.52E-01	0.01594	6.4E-05	0.01069	0.27877		3.18E-01	0.020123	5.45E-05	0.006238	3.45E-01		0.313624	0.017308	4.45E-05	0.006625	0.337602		

4816	496863.09	3861377.25	2.67197	3.85929	3.38027	4.41015		2.42E-01	0.01633	6.3E-05	0.01021	0.26874		3.06E-01	0.020607	5.37E-05	0.005963	3.32E-01		0.301264	0.017723	4.39E-05	0.006333	0.325364							
4817	497363.09	3861377.25	2.5133	3.62535	3.09629	4.15451		2.28E-01	0.01534	5.8E-05	0.00962	0.25278		2.87E-01	0.019358	4.92E-05	0.005617	3.12E-01		0.283374	0.016649	4.02E-05	0.005966	0.306029							
4818	497863.09	3861377.25	2.3758	3.43084	2.96825	4.05241		2.15E-01	0.01451	5.6E-05	0.00939	0.23926		2.72E-01	0.018319	4.72E-05	0.005479	2.96E-01		0.267871	0.015756	3.85E-05	0.005819	0.289484							
4819	498363.09	3861377.25	2.33499	3.26241	2.94863	4.18706		2.12E-01	0.0138	5.5E-05	0.0097	0.23516		2.67E-01	0.01742	4.69E-05	0.005661	2.90E-01		0.263269	0.014982	3.83E-05	0.006013	0.284303							
4820	471363.09	3861877.25	1.17359	2.05114	1.48746	1.75682		1.06E-01	0.00868	2.8E-05	0.00407	0.11913		1.34E-01	0.010952	2.36E-05	0.002375	1.48E-01		0.132322	0.00942	1.93E-05	0.002523	0.144284							
4821	471863.09	3861877.25	1.17363	1.95794	1.55478	1.81336		1.06E-01	0.00828	2.9E-05	0.0042	0.11887		1.34E-01	0.010454	2.47E-05	0.002452	1.47E-01		0.132326	0.008992	2.02E-05	0.002604	0.143942							
4822	472363.09	3861877.25	1.19312	1.88991	1.56803	1.89332		1.08E-01	0.008	2.9E-05	0.00439	0.12053		1.36E-01	0.010091	2.49E-05	0.00256	1.49E-01		0.134524	0.008679	2.04E-05	0.002719	0.145942							
4823	472863.09	3861877.25	1.22233	2.03074	1.60803	1.96832		1.11E-01	0.00859	3E-05	0.00456	0.12395		1.40E-01	0.010843	2.56E-05	0.002661	1.53E-01		0.137817	0.009326	2.09E-05	0.002827	0.149991							
4824	473363.09	3861877.25	1.23024	2.02066	1.65818	1.98752		1.11E-01	0.00855	3.1E-05	0.0046	0.12467		1.41E-01	0.010789	2.64E-05	0.002687	1.54E-01		0.138709	0.00928	2.15E-05	0.002854	0.150864							
4825	473863.09	3861877.25	1.22791	2.22435	1.68991	2.01046		1.11E-01	0.00941	3.2E-05	0.00466	0.12537		1.40E-01	0.011877	2.69E-05	0.002718	1.55E-01		0.138446	0.010215	2.19E-05	0.002887	0.151571							
4826	474363.09	3861877.25	1.23828	2.27641	1.67763	2.00854		1.12E-01	0.00963	3.1E-05	0.00465	0.12653		1.42E-01	0.012155	2.67E-05	0.002716	1.57E-01		0.139616	0.010454	2.18E-05	0.002884	0.152976							
4827	474863.09	3861877.25	1.26033	2.36789	1.69345	2.01369		1.14E-01	0.01002	3.2E-05	0.00466	0.12893		1.44E-01	0.012643	2.69E-05	0.002723	1.60E-01		0.142102	0.010874	2.2E-05	0.002892	0.15589							
4828	475363.09	3861877.25	1.27985	2.39041	1.71929	2.02508		1.16E-01	0.01011	3.2E-05	0.00469	0.13082		1.46E-01	0.012764	2.73E-05	0.002738	1.62E-01		0.144303	0.010978	2.23E-05	0.002908	0.158211							
4829	475863.09	3861877.25	1.27662	2.57124	1.733	2.03916		1.16E-01	0.01088	3.2E-05	0.00472	0.13132		1.46E-01	0.013729	2.75E-05	0.002757	1.63E-01		0.143938	0.011808	2.25E-05	0.002928	0.158697							
4830	476363.09	3861877.25	1.30397	2.68472	1.76061	2.08016		1.18E-01	0.01136	3.3E-05	0.00482	0.13438		1.49E-01	0.014335	2.8E-05	0.002813	1.66E-01		0.147022	0.012329	2.29E-05	0.002987	0.162361							
4831	476863.09	3861877.25	1.35965	3.03875	1.8454	1.97149		1.23E-01	0.01286	3.5E-05	0.00457	0.14067		1.56E-01	0.016225	2.93E-05	0.002666	1.74E-01		0.1533	0.013955	2.4E-05	0.002831	0.17011							
4832	477363.09	3861877.25	1.48019	3.47884	1.96861	1.78794		1.34E-01	0.01472	3.7E-05	0.00414	0.15303		1.69E-01	0.018575	3.13E-05	0.002417	1.90E-01		0.166891	0.015976	2.56E-05	0.002568	0.18546							
4833	477863.09	3861877.25	1.36839	3.87411	1.89508	1.03457		1.24E-01	0.01639	3.5E-05	0.0024	0.14283		1.57E-01	0.020686	3.01E-05	0.001399	1.79E-01		0.154286	0.017791	2.46E-05	0.001486	0.173587							
4834	478363.09	3861877.25	0.61172	1.73074	0.80972	0.40099		5.54E-02	0.00732	1.5E-05	0.00093	0.0637		7.00E-02	0.009241	1.29E-05	0.000542	7.98E-02		0.068971	0.007948	1.05E-05	0.000576	0.077506							
4835	478863.09	3861877.25	1.15388	3.09988	1.57077	0.63226		1.05E-01	0.01311	2.9E-05	0.00146	0.11917		1.32E-01	0.016552	2.5E-05	0.000855	1.49E-01		0.1301	0.014236	2.04E-05	0.000908	0.145264							
4836	479363.09	3861877.25	1.00096	2.63035	1.38141	0.53799		9.07E-02	0.01113	2.6E-05	0.00125	0.10311		1.14E-01	0.014045	2.2E-05	0.000727	1.29E-01		0.112858	0.01208	1.79E-05	0.000773	0.125728							
4837	479863.09	3861877.25	1.55551	3.79671	2.08405	2.03191		1.41E-01	0.01606	3.9E-05	0.00471	0.16177		1.78E-01	0.020273	3.31E-05	0.002747	2.01E-01		0.175383	0.017436	2.71E-05	0.002918	0.195764							
4838	480363.09	3861877.25	1.48098	3.51381	1.99157	2.39763		1.34E-01	0.01487	3.7E-05	0.00555	0.15467		1.69E-01	0.018762	3.17E-05	0.003242	1.91E-01		0.16698	0.016137	2.59E-05	0.003443	0.186586							
4839	480863.09	3861877.25	1.52249	3.79804	2.05075	2.45354		1.38E-01	0.01607	3.8E-05	0.00568	0.15976		1.74E-01	0.02028	3.26E-05	0.003317	1.98E-01		0.17166	0.017442	2.66E-05	0.003523	0.192652							
4840	481363.09	3861877.25	1.56443	3.7462	2.10517	2.55097		1.42E-01	0.01585	3.9E-05	0.00591	0.16357		1.79E-01	0.020003	3.35E-05	0.003449	2.02E-01		0.176389	0.017204	2.73E-05	0.003663	0.197284							
4841	481863.09	3861877.25	1.65618	3.90049	2.21365	2.65239		1.50E-01	0.0165	4.1E-05	0.00614	0.17277		1.89E-01	0.020827	3.52E-05	0.003586	2.14E-01		0.186734	0.017912	2.87E-05	0.003809	0.208484							
4842	482363.09	3861877.25	1.69711	4.01199	2.31519	2.80753		1.54E-01	0.01697	4.3E-05	0.0065	0.17731		1.94E-01	0.021422	3.68E-05	0.003796	2.19E-01		0.191349	0.018425	3.01E-05	0.004032	0.213835							
4843	482863.09	3861877.25	1.76683	4.69244	2.37911	2.88914		1.60E-01	0.01985	4.5E-05	0.00669	0.1867		2.02E-01	0.025055	3.78E-05	0.003906	2.31E-01		0.199209	0.021549	3.09E-05	0.004149	0.224939							
4844	483363.09	3861877.25	1.88171	4.73478	2.48885	3.07381		1.71E-01	0.02003	4.7E-05	0.00712	0.19772		2.15E-01	0.025281	3.96E-05	0.004156	2.45E-01		0.212162	0.021744	3.23E-05	0.004414	0.238352							
4845	483863.09	3861877.25	1.96907	4.3634	2.61691	3.17416		1.78E-01	0.01846	4.9E-05	0.00735	0.2043		2.25E-01	0.023298	4.16E-05	0.004292	2.53E-01		0.222012	0.020038	3.4E-05	0.004558	0.246643							
4846	484363.09	3861877.25	2.01844	5.34887	2.69751	3.37226		1.83E-01	0.02263	5E-05	0.00781	0.21341		2.31E-01	0.02856	4.29E-05	0.00456	2.64E-01		0.227578	0.024564	3.5E-05	0.004843	0.25702							
4847	484863.09	3861877.25	2.09881	5.79334	2.78329	3.60318		1.90E-01	0.02451	5.2E-05	0.00835	0.22311		2.40E-01	0.030934	4.42E-05	0.004872	2.76E-01		0.23664	0.026605	3.61E-05	0.005174	0.268456							
4848	485363.09	3861877.25	2.17905	5.1099	2.9081	3.68733		1.97E-01	0.02162	5.4E-05	0.00854	0.22768		2.49E-01	0.027284	4.62E-05	0.004986	2.82E-01		0.245687	0.023467	3.77E-05	0.005295	0.274487							
4849	485863.09	3861877.25	2.21221	5.40634	2.95253	3.8487		2.00E-01	0.02287	5.5E-05	0.00891	0.23232		2.53E-01	0.028867	4.69E-05	0.005204	2.87E-01		0.249426	0.024828	3.83E-05	0.005527	0.279819							
4850	486363.09	3861877.25	2.35442	5.53244	3.16676	4.0936		2.13E-01	0.02341	5.9E-05	0.00948	0.24631		2.69E-01	0.029541	5.03E-05	0.005535	3.04E-01		0.26546	0.025407	4.11E-05	0.005879	0.296787							
4851	486863.09	3861877.25	2.60971	5.28117	3.42445	4.3458		2.36E-01	0.02234	6.4E-05	0.01007	0.26897		2.98E-01	0.028199	5.44E-05	0.005876	3.33E-01		0.294244	0.024253	4.45E-05	0.006241	0.324782							
4852	487363.09	3861877.25	2.77271	5.2382	3.70782	4.79526		2.51E-01	0.02216	6.9E-05	0.01111	0.28461		3.17E-01	0.027969	5.89E-05	0.006484	3.52E-01		0.312622	0.024056	4.81E-05	0.006886	0.343612							
4853	487863.09	3861877.25	3.09675	4.91032	4.03097	5.14411		2.81E-01	0.02077	7.5E-05	0.01191	0.3134		3.54E-01	0.026219	6.41E-05	0.006955	3.87E-01		0.349158	0.02255	5.23E-05	0.007387	0.379147							
4854	488363.09	3861877.25	3.18913	5.75994	4.08344	5.59083		2.89E-01	0.02437	7.6E-05	0.01295	0.3264		3.65E-01	0.030755	6.49E-05	0.007559	4.03E-01		0.359573	0.026452	5.3E-05	0.008029	0.394107							
4855	488863.09	3861877.25	3.53133	5.57145	4.38848	5.8916		3.20E-01	0.02357	8.2E-05	0.01365	0.35731		4.04E-01	0.029749	6.97E-05	0.007966	4.42E-01		0.398156	0.025586	5.7E-05	0.008461	0.43226							
4856	489363.09	3861877.25	3.82972	5.17422	4.69973	6.68277		3.47E-01	0.02189	8.8E-05	0.01548	0.38451		4.38E-01	0.027628	7.47E-05	0.009036	4.75E-01		0.4318	0.023762	6.1E-05	0.009597	0.465219							
4857	489863.09	3861877.25	4.37195	5.74683	4.91487	7.44841		3.96E-01	0.02431	9.2E-05	0.01725	0.43785		5.00E-01	0.030685	7.81E-05	0.010071	5.41E-01		0.492936	0.026392	6.38E-05	0.010696	0.530088							
4858	490363.09	3861877.25	4.46894	5.57313	5.01984	7.43732		4.05E-01	0.02358	9.4E-05	0.01723	0.44588		5.11E-01	0.029758	7.98E-05	0.010056	5.51E-01		0.503871	0.025594	6.52E-05	0.01068	0.540211							
4859	490863.09	3861877.25	4.63449	5.81277	4.92179	7.77598		4.20E-01	0.02459	9.2E-05	0.01801	0.46268		5.30E-01	0.031037	7.82E-05	0.010514	5.72E-01		0.522537	0.026694	6.39E-05	0.011167	0.560462							
4860	491363.09	3861877.25	4.65769	5.73083	4.68286	7.25048		4.22E-01	0.02424	8.8E-05	0.01679	0.46322		5.33E-01	0.0306	7.44E-05	0.009803	5.73E-01		0.525153	0.026318	6.08E-05	0.010412	0.561944							
4861	491863.09	3861877.25	4.97919	6.40762	5.12336	8.20158		4.51E-01	0.02711	9.6E-05	0.019	0.49742		5.70E-01	0.034214	8.14E-05	0.011089	6.15E-01		0.561402	0.029426	6.65E-05	0.011778	0.602673							
4862	492363.09	3861877.25	4.54022	6.07845	4.69937	7.84924		4.11E-01	0.02571	8.8E-05	0.01818	0.45543		5.19E-01	0.032456	7.47E-05	0.010613	5.62E-01		0.511908	0.027915	6.1E-05	0.011272	0.551156							
4863	492863.09	3861877.25	3.93468	5.04461	4.01762	6.11294		3.57E-01	0.02134	7.5E-05	0.01416	0.39214		4.50E-01	0.026936	6.39E-05	0.008265	4.85E-01		0.443634	0.023167	5.22E-05	0.008779	0.475631							
4864	493363.09	3861877.25	3.50094	4.59945	3.64444	5.59723		3.17E-01	0.01946	6.8E-05	0.01296	0.34975		4.00E-01	0.024559	5.79E-05	0.007568	4.33E-01		0.39473	0.021122	4.73E-05	0.008038	0.423937							
4865	493863.09	3861877.25	3.48702	4.66514	3.65989	5.76817		3.16E-01	0.01974	6.9E-05	0.01336	0.34917		3.99E-01	0.02491	5.82E-05	0.007799	4.32E-01		0.39316	0.021424	4.75E-05	0.008283	0.422915							
4866	494363.09	3861877.25	3.08177	4.36993	3.43317	5.22977		2.79E-01	0.01849	6.4E-05	0.01211	0.30994		3.52E-01	0.023333	5.46E-05	0.007071	3.83E-01		0.347469	0.020068	4.46E-05	0.00751	0.375092							
4867	494863.09	3861877.25	2.97719	4.06257	3.31144	4.92688		2.70E-01	0.01719	6.2E-05	0.01141	0.29846		3.41E-01	0.021692	5.26E-05	0.006662	3.69E-01		0.335677	0.018657	4.3E-05	0.007075	0.361452							
4868	495363.09	3861877.25	2.87059	4.20558	3.26715	5.08991		2.60E-01	0.01779	6.1E-05	0.01179	0.28978		3.28E-01	0.022456	5.19E-05	0.006882	3.58E-01		0.323658	0.019314	4.24E-05	0.007309	0.350323							
4869	495863.09	3861877.25	2.88888	4.16236	3.41493	5.07535		2.62E-01	0.01761	6.4E-05	0.01176	0.29122		3.30E-01	0.022225	5.43E-05	0.006862	3.60E-01		0.32572	0.019115	4.43E-05	0.007288	0.352168							
4870	496363.09	3861877.25	2.83723	3.98435	3.32313	4.92486		2.57E-01	0.01686	6.2E-05	0.01141	0.28544		3.25E-01	0.021275	5.28E-05	0.006659	3.53E-01		0.319897	0.018298	4.31E-05	0.007072	0.34531							
4871	496863.09	3861877.25	2.88861	3.76149	3.59873	4.75307		2.62E-01	0.01591	6.7E-05	0.01101	0.28876		3.30E-01	0.020085	5.72E-05	0.006427	3.57E-01		0.32569	0.017274	4.67E-05	0.006826	0.349836							
4872	497363.09	3861877.25	2.48731	3.33331	3.07427	4.11964		2.25E-01	0.0141	5.8E-05	0.00954	0.24911		2.84E-01	0.017798	4.89E-05	0.00557	3.08E-01		0.280443	0.015308	3.99E-05	0.005916	0.301707							
4873	497863.09	3861877.25	2.30196	3.27255	2.92123	3.87221		2.09E-01	0.01384	5.5E-05	0.00897	0.23148		2.63E-01	0.017474	4.64E-05	0.005236	2.86E-01		0.259545	0.015029	3.79E-05	0.005561	0.280173							
4874	498363.09	3861877.25	2.14436	3.14435	2.60648	3.58155		1.94E-01	0.0133	4.9E-05	0.0083	0.21597		2.45E-01	0.016789	4.14E-05	0.004843	2.67E-01		0.241776	0.01444	3.38E-05	0.005143	0.261393							
4875	471363.09	3862377.25	1.08529	1.79927	1.44691	1.79639		9.84E-02	0.00761	2.7E-05	0.00416	0.11015		1.24E-01	0.009607	2.3E-05	0.002429	1.36E-01		0.122366	0.008263	1.88E-05	0.00258	0.133227							
4876	471863.09	3862377.25	1.12047	1.86875	1.46561	1.85999		1.02E-01	0.00791	2.7E-05	0.00431	0.11378		1.28E-01	0.009978	2.33E-05	0.002515	1.41E-01		0.126333	0.008582	1.9E-05	0.002671	0.137605							

4877	472363.09	3862377.25	1.12955	1.87481	1.52595	1.86101		1.02E-01	0.00793	2.9E-05	0.00431	0.11463		1.29E-01	0.010011	2.43E-05	0.002516	1.42E-01		0.127356	0.00861	1.98E-05	0.002673	0.138659							
4878	472863.09	3862377.25	1.13192	1.92891	1.54141	1.90098		1.03E-01	0.00816	2.9E-05	0.0044	0.11517		1.29E-01	0.010299	2.45E-05	0.00257	1.42E-01		0.127624	0.008858	2E-05	0.00273	0.139232							
4879	473363.09	3862377.25	1.13059	1.99106	1.54394	1.89777		1.02E-01	0.00842	2.9E-05	0.0044	0.1153		1.29E-01	0.010631	2.45E-05	0.002566	1.43E-01		0.127474	0.009144	2E-05	0.002725	0.139363							
4880	473863.09	3862377.25	1.13475	2.12331	1.53915	1.91992		1.03E-01	0.00898	2.9E-05	0.00445	0.11629		1.30E-01	0.011337	2.45E-05	0.002596	1.44E-01		0.127943	0.009751	2E-05	0.002757	0.140471							
4881	474363.09	3862377.25	1.15306	2.17824	1.566	1.92532		1.04E-01	0.00922	2.9E-05	0.00446	0.1182		1.32E-01	0.011631	2.49E-05	0.002603	1.46E-01		0.130007	0.010003	2.03E-05	0.002765	0.142796							
4882	474863.09	3862377.25	1.17807	2.18615	1.58885	1.90883		1.07E-01	0.00925	3E-05	0.00442	0.12046		1.35E-01	0.011673	2.53E-05	0.002581	1.49E-01		0.132827	0.01004	2.06E-05	0.002741	0.145628							
4883	475363.09	3862377.25	1.17836	2.34616	1.59176	2.01046		1.07E-01	0.00993	3E-05	0.00466	0.1214		1.35E-01	0.012527	2.53E-05	0.002718	1.50E-01		0.13286	0.010774	2.07E-05	0.002887	0.146542							
4884	475863.09	3862377.25	1.18585	2.56921	1.5661	2.01467		1.07E-01	0.01087	2.9E-05	0.00467	0.12303		1.36E-01	0.013718	2.49E-05	0.002724	1.52E-01		0.133704	0.011799	2.03E-05	0.002893	0.148416							
4885	476363.09	3862377.25	1.16295	2.61384	1.51189	2.00569		1.05E-01	0.01106	2.8E-05	0.00465	0.12112		1.33E-01	0.013957	2.4E-05	0.002712	1.50E-01		0.131122	0.012004	1.96E-05	0.00288	0.146026							
4886	476863.09	3862377.25	1.16566	2.87912	1.51279	1.97948		1.06E-01	0.01218	2.8E-05	0.00458	0.12243		1.33E-01	0.015373	2.4E-05	0.002676	1.51E-01		0.131428	0.013222	1.96E-05	0.002843	0.147512							
4887	477363.09	3862377.25	1.25171	3.5214	1.65314	1.91893		1.13E-01	0.0149	3.1E-05	0.00444	0.13281		1.43E-01	0.018803	2.63E-05	0.002595	1.65E-01		0.14113	0.016172	2.15E-05	0.002756	0.160079							
4888	477863.09	3862377.25	1.38876	3.5485	1.83693	1.32276		1.26E-01	0.01501	3.4E-05	0.00306	0.14396		1.59E-01	0.018947	2.92E-05	0.001789	1.80E-01		0.156582	0.016296	2.38E-05	0.0019	0.174802							
4889	478363.09	3862377.25	1.23951	3.07543	1.70392	0.79611		1.12E-01	0.01301	3.2E-05	0.00184	0.12721		1.42E-01	0.016421	2.71E-05	0.001076	1.59E-01		0.139754	0.014124	2.21E-05	0.001143	0.155043							
4890	478863.09	3862377.25	1.30197	2.91533	1.77564	0.84814		1.18E-01	0.01233	3.3E-05	0.00196	0.13232		1.49E-01	0.015566	2.82E-05	0.001147	1.66E-01		0.146797	0.013388	2.3E-05	0.001218	0.161426							
4891	479363.09	3862377.25	1.43464	3.19157	1.98284	1.14326		1.30E-01	0.0135	3.7E-05	0.00265	0.1462		1.64E-01	0.017041	3.15E-05	0.001546	1.83E-01		0.161755	0.014657	2.57E-05	0.001642	0.17808							
4892	479863.09	3862377.25	1.44027	3.31169	1.89051	2.05171		1.31E-01	0.01401	3.5E-05	0.00475	0.14932		1.65E-01	0.017683	3E-05	0.002774	1.85E-01		0.16239	0.015209	2.45E-05	0.002946	0.180569							
4893	480363.09	3862377.25	1.39751	3.26948	1.87781	2.29566		1.27E-01	0.01383	3.5E-05	0.00532	0.14583		1.60E-01	0.017457	2.98E-05	0.003104	1.80E-01		0.157569	0.015015	2.44E-05	0.003297	0.175905							
4894	480863.09	3862377.25	1.43137	3.65866	1.9068	2.36507		1.30E-01	0.01548	3.6E-05	0.00548	0.15071		1.64E-01	0.019535	3.03E-05	0.003198	1.86E-01		0.161386	0.016802	2.48E-05	0.003396	0.18161							
4895	481363.09	3862377.25	1.49954	3.47451	2.00887	2.42613		1.36E-01	0.0147	3.8E-05	0.00562	0.15625		1.72E-01	0.018552	3.19E-05	0.00328	1.93E-01		0.169073	0.015956	2.61E-05	0.003484	0.188539							
4896	481863.09	3862377.25	1.55923	3.4691	2.10999	2.51384		1.41E-01	0.01468	3.9E-05	0.00582	0.16184		1.78E-01	0.018523	3.35E-05	0.003399	2.00E-01		0.175803	0.015931	2.74E-05	0.00361	0.195371							
4897	482363.09	3862377.25	1.58947	3.99742	2.14742	2.6769		1.44E-01	0.01691	4E-05	0.0062	0.16719		1.82E-01	0.021344	3.41E-05	0.003619	2.07E-01		0.179212	0.018358	2.79E-05	0.003844	0.201442							
4898	482863.09	3862377.25	1.66335	4.50595	2.22066	2.74186		1.51E-01	0.01906	4.2E-05	0.00635	0.17619		1.90E-01	0.02406	3.53E-05	0.003707	2.18E-01		0.187542	0.020693	2.88E-05	0.003937	0.212201							
4899	483363.09	3862377.25	1.77735	4.06323	2.30649	2.8158		1.61E-01	0.01719	4.3E-05	0.00652	0.18482		2.03E-01	0.021696	3.67E-05	0.003807	2.29E-01		0.200396	0.01866	2.99E-05	0.004044	0.223129							
4900	483863.09	3862377.25	1.81792	4.33907	2.44656	3.04548		1.65E-01	0.01836	4.6E-05	0.00705	0.1902		2.08E-01	0.023169	3.89E-05	0.004118	2.35E-01		0.20497	0.019927	3.18E-05	0.004373	0.229302							
4901	484363.09	3862377.25	1.90595	4.77325	2.56235	3.1861		1.73E-01	0.02019	4.8E-05	0.00738	0.20034		2.18E-01	0.025487	4.07E-05	0.004308	2.48E-01		0.214895	0.021921	3.33E-05	0.004575	0.241424							
4902	484863.09	3862377.25	1.9211	4.96249	2.56072	3.32381		1.74E-01	0.02099	4.8E-05	0.0077	0.20283		2.20E-01	0.026497	4.07E-05	0.004494	2.51E-01		0.216603	0.02279	3.32E-05	0.004773	0.244199							
4903	485363.09	3862377.25	2.00748	4.18903	2.6597	3.43335		1.82E-01	0.01772	5E-05	0.00795	0.20765		2.30E-01	0.022367	4.23E-05	0.004642	2.57E-01		0.226343	0.019238	3.45E-05	0.00493	0.250545							
4904	485863.09	3862377.25	2.07196	4.96373	2.77978	3.58707		1.88E-01	0.021	5.2E-05	0.00831	0.21712		2.37E-01	0.026504	4.42E-05	0.00485	2.68E-01		0.233613	0.022795	3.61E-05	0.005151	0.261595							
4905	486363.09	3862377.25	2.17338	4.83135	2.91734	3.74984		1.97E-01	0.02044	5.5E-05	0.00869	0.22614		2.49E-01	0.025797	4.64E-05	0.00507	2.80E-01		0.245048	0.022187	3.79E-05	0.005385	0.272658							
4906	486863.09	3862377.25	2.39233	4.57953	3.1134	3.92021		2.17E-01	0.01937	5.8E-05	0.00908	0.24531		2.74E-01	0.024452	4.95E-05	0.005301	3.03E-01		0.269734	0.021031	4.04E-05	0.00563	0.296435							
4907	487363.09	3862377.25	2.5081	4.66522	3.3552	4.35144		2.27E-01	0.01974	6.3E-05	0.01008	0.25717		2.87E-01	0.02491	5.33E-05	0.005884	3.18E-01		0.282787	0.021424	4.36E-05	0.006249	0.310504							
4908	487863.09	3862377.25	2.8084	4.48135	3.69081	4.48134		2.55E-01	0.01896	6.9E-05	0.01038	0.28391		3.21E-01	0.023928	5.87E-05	0.006059	3.51E-01		0.316646	0.02058	4.79E-05	0.006435	0.34371							
4909	488363.09	3862377.25	2.88469	4.65274	3.68576	5.11657		2.61E-01	0.01968	6.9E-05	0.01185	0.29302		3.30E-01	0.024843	5.86E-05	0.006918	3.62E-01		0.325248	0.021367	4.78E-05	0.007348	0.35401							
4910	488863.09	3862377.25	3.11033	5.30694	3.75053	5.23193		2.82E-01	0.02245	7E-05	0.01212	0.3165		3.56E-01	0.028337	5.96E-05	0.007074	3.91E-01		0.350689	0.024371	4.87E-05	0.007513	0.382622							
4911	489363.09	3862377.25	3.43572	4.88487	4.15361	5.74803		3.11E-01	0.02067	7.8E-05	0.01331	0.34541		3.93E-01	0.026083	6.6E-05	0.007772	4.27E-01		0.387376	0.022433	5.39E-05	0.008254	0.418118							
4912	489863.09	3862377.25	3.82444	4.72287	4.54909	6.16196		3.47E-01	0.01998	8.5E-05	0.01427	0.38092		4.37E-01	0.025218	7.23E-05	0.008332	4.71E-01		0.431204	0.021689	5.9E-05	0.008849	0.461801							
4913	490363.09	3862377.25	3.94168	5.54744	4.21161	6.92856		3.57E-01	0.02347	7.9E-05	0.01605	0.3968		4.51E-01	0.029621	6.69E-05	0.009368	4.90E-01		0.444423	0.025476	5.47E-05	0.00995	0.479903							
4914	490863.09	3862377.25	4.14701	5.17007	4.32098	6.75757		3.76E-01	0.02187	8.1E-05	0.01565	0.41342		4.74E-01	0.027606	6.87E-05	0.009137	5.11E-01		0.467574	0.023743	5.61E-05	0.009704	0.501077							
4915	491363.09	3862377.25	4.16695	5.46681	4.24199	6.83313		3.78E-01	0.02313	7.9E-05	0.01583	0.41665		4.77E-01	0.02919	6.74E-05	0.009239	5.15E-01		0.469822	0.025106	5.51E-05	0.009813	0.504796							
4916	491863.09	3862377.25	4.13619	5.10728	4.13808	6.08216		3.75E-01	0.02161	7.7E-05	0.01409	0.4106		4.73E-01	0.02727	6.58E-05	0.008224	5.09E-01		0.466354	0.023455	5.37E-05	0.008734	0.498597							
4917	492363.09	3862377.25	4.33961	5.5973	4.52396	7.10596		3.93E-01	0.02368	8.5E-05	0.01646	0.43349		4.96E-01	0.029887	7.19E-05	0.009608	5.36E-01		0.48929	0.025705	5.87E-05	0.010205	0.525258							
4918	492863.09	3862377.25	4.13059	5.53655	4.35897	6.85794		3.74E-01	0.02342	8.2E-05	0.01588	0.41371		4.72E-01	0.029563	6.93E-05	0.009273	5.11E-01		0.465723	0.025426	5.66E-05	0.009848	0.501053							
4919	493363.09	3862377.25	3.45992	4.48564	3.63362	5.52477		3.14E-01	0.01898	6.8E-05	0.0128	0.34539		3.96E-01	0.023951	5.77E-05	0.00747	4.27E-01		0.390105	0.0206	4.72E-05	0.007934	0.418686							
4920	493863.09	3862377.25	3.1015	4.13507	3.46868	4.93498		2.81E-01	0.01749	6.5E-05	0.01143	0.31005		3.55E-01	0.022079	5.51E-05	0.006673	3.84E-01		0.349693	0.01899	4.5E-05	0.007087	0.375815							
4921	494363.09	3862377.25	3.0781	4.23361	3.14959	5.23195		2.79E-01	0.01791	5.9E-05	0.01212	0.30903		3.52E-01	0.022605	5.01E-05	0.007074	3.82E-01		0.347055	0.019442	4.09E-05	0.007513	0.374051							
4922	494863.09	3862377.25	2.89621	4.00381	3.2165	4.8704		2.62E-01	0.01694	6E-05	0.01128	0.29074		3.31E-01	0.021378	5.11E-05	0.006585	3.59E-01		0.326547	0.018387	4.18E-05	0.006994	0.35197							
4923	495363.09	3862377.25	2.69256	3.63322	2.91124	4.46913		2.44E-01	0.01537	5.4E-05	0.01035	0.26978		3.08E-01	0.0194	4.63E-05	0.006043	3.33E-01		0.303585	0.016685	3.78E-05	0.006418	0.326726							
4924	495863.09	3862377.25	2.60997	3.61913	2.81715	4.33943		2.37E-01	0.01531	5.3E-05	0.01005	0.26194		2.99E-01	0.019324	4.48E-05	0.005867	3.24E-01		0.294273	0.01662	3.66E-05	0.006232	0.317162							
4925	496363.09	3862377.25	2.47798	3.62987	2.78827	4.46613		2.25E-01	0.01536	5.2E-05	0.01034	0.25031		2.83E-01	0.019382	4.43E-05	0.006039	3.09E-01		0.279391	0.01667	3.62E-05	0.006414	0.302511							
4926	496863.09	3862377.25	2.51912	3.64892	2.9898	4.48071		2.28E-01	0.01544	5.6E-05	0.01038	0.25416		2.88E-01	0.019483	4.75E-05	0.006058	3.14E-01		0.28403	0.016757	3.88E-05	0.006435	0.30726							
4927	497363.09	3862377.25	2.49646	3.49943	2.81978	4.24746		2.26E-01	0.0148	5.3E-05	0.00984	0.25093		2.86E-01	0.018685	4.48E-05	0.005743	3.10E-01		0.281475	0.016071	3.66E-05	0.0061	0.303682							
4928	497863.09	3862377.25	2.33491	3.04744	2.85273	3.88964		2.12E-01	0.01289	5.3E-05	0.00901	0.23355		2.67E-01	0.016272	4.53E-05	0.005259	2.89E-01		0.26326	0.013995	3.7E-05	0.005586	0.282878							
4929	498363.09	3862377.25	2.1013	2.82413	2.58891	3.60349		1.90E-01	0.01195	4.8E-05	0.00835	0.21077		2.40E-01	0.01508	4.11E-05	0.004872	2.60E-01		0.236921	0.012969	3.36E-05	0.005175	0.255099							
4930	471363.09	3862877.25	1.04469	1.69085	1.40524	1.75369		9.47E-02	0.00715	2.6E-05	0.00406	0.10591		1.19E-01	0.009028	2.23E-05	0.002371	1.31E-01		0.117788	0.007765	1.82E-05	0.002518	0.12809							
4931	471863.09	3862877.25	1.05297	1.69771	1.43568	1.78776		9.54E-02	0.00718	2.7E-05	0.00414	0.10677		1.20E-01	0.009065	2.28E-05	0.002417	1.32E-01		0.118722	0.007797	1.86E-05	0.002567	0.129104							
4932	472363.09	3862877.25	1.05583	1.79074	1.44008	1.77566		9.57E-02	0.00758	2.7E-05	0.00411	0.1074		1.21E-01	0.009562	2.29E-05	0.002401	1.33E-01		0.119044	0.008224	1.87E-05	0.00255	0.129837							
4933	472863.09	3862877.25	1.05605	1.91828	1.44838	1.78657		9.57E-02	0.00812	2.7E-05	0.00414	0.10798		1.21E-01	0.010243	2.3E-05	0.002416	1.33E-01		0.119069	0.008809	1.88E-05	0.002566	0.130463							
4934	473363.09	3862877.25	1.06408	1.8971	1.45372	1.82115		9.64E-02	0.00803	2.7E-05	0.00422	0.1087		1.22E-01	0.01013	2.31E-05	0.002462	1.34E-01		0.119975	0.008712	1.89E-05	0.002615	0.131321							
4935	473863.09	3862877.25	1.07641	1.87159	1.45182	1.83014		9.75E-02	0.00792	2.7E-05	0.00424	0.10973		1.23E-01	0.009993	2.31E-05	0.002475	1.36E-01		0.121365	0.008595	1.88E-05	0.002628	0.132607							
4936	474363.09	3862877.25	1.08648	2.08607	1.4461	1.8308		9.85E-02	0.00883	2.7E-05	0.00424	0.11155		1.24E-01	0.011139	2.3E-05	0.002475	1.38E-01		0.1225	0.00958	1.88E-05	0.002629	0.134728							
4937	474863.09	3862877.25	1.08645	2.24499	1.42128	1.88875		9.85E-02	0.0095	2.7E-05	0.00437	0.11236		1.24E-01	0.011987	2.26E-05	0.002554	1.39E-01		0.122497	0.01031	1.84E-05	0.002712	0.135537							

4938	475363.09	3862877.25	1.05779	2.41024	1.39084	1.89633		9.59E-02	0.0102	2.6E-05	0.00439	0.11047		1.21E-01	0.01287	2.21E-05	0.002564	1.36E-01		0.119265	0.011069	1.81E-05	0.002723	0.133075
4939	475863.09	3862877.25	1.0515	2.54585	1.37948	1.88608		9.53E-02	0.01077	2.6E-05	0.00437	0.11045		1.20E-01	0.013594	2.19E-05	0.00255	1.36E-01		0.118556	0.011691	1.79E-05	0.002709	0.132974
4940	476363.09	3862877.25	1.05956	2.80327	1.39606	1.90415		9.60E-02	0.01186	2.6E-05	0.00441	0.11232		1.21E-01	0.014968	2.22E-05	0.002575	1.39E-01		0.119465	0.012874	1.81E-05	0.002734	0.135091
4941	476863.09	3862877.25	1.08184	2.67474	1.43932	1.96599		9.80E-02	0.01132	2.7E-05	0.00455	0.11393		1.24E-01	0.014282	2.29E-05	0.002658	1.41E-01		0.121977	0.012283	1.87E-05	0.002823	0.137102
4942	477363.09	3862877.25	1.12821	2.60748	1.4877	1.98442		1.02E-01	0.01103	2.8E-05	0.0046	0.1179		1.29E-01	0.013923	2.36E-05	0.002683	1.46E-01		0.127205	0.011975	1.93E-05	0.00285	0.142049
4943	477863.09	3862877.25	1.2965	2.89533	1.75181	1.67784		1.17E-01	0.01225	3.3E-05	0.00389	0.13366		1.48E-01	0.01546	2.78E-05	0.002269	1.66E-01		0.14618	0.013296	2.27E-05	0.002409	0.161909
4944	478363.09	3862877.25	1.36105	2.89289	1.82994	1.19986		1.23E-01	0.01224	3.4E-05	0.00278	0.13839		1.56E-01	0.015447	2.91E-05	0.001622	1.73E-01		0.153458	0.013285	2.38E-05	0.001723	0.16849
4945	478863.09	3862877.25	1.38795	2.83704	1.86065	1.22812		1.26E-01	0.012	3.5E-05	0.00284	0.14066		1.59E-01	0.015148	2.96E-05	0.001661	1.76E-01		0.156491	0.013029	2.42E-05	0.001764	0.171307
4946	479363.09	3862877.25	1.43012	3.45621	1.935	1.29539		1.30E-01	0.01462	3.6E-05	0.003	0.14726		1.64E-01	0.018455	3.08E-05	0.001752	1.84E-01		0.161246	0.015872	2.51E-05	0.00186	0.179003
4947	479863.09	3862877.25	1.30206	2.97124	1.73257	2.13536		1.18E-01	0.01257	3.2E-05	0.00495	0.13554		1.49E-01	0.015865	2.75E-05	0.002887	1.68E-01		0.146807	0.013645	2.25E-05	0.003066	0.163541
4948	480363.09	3862877.25	1.31787	3.22168	1.7594	2.17415		1.19E-01	0.01363	3.3E-05	0.00504	0.13813		1.51E-01	0.017202	2.8E-05	0.00294	1.71E-01		0.148589	0.014795	2.28E-05	0.003122	0.16653
4949	480863.09	3862877.25	1.37668	3.28083	1.83479	2.18436		1.25E-01	0.01388	3.4E-05	0.00506	0.14373		1.57E-01	0.017518	2.92E-05	0.002953	1.78E-01		0.15522	0.015067	2.38E-05	0.003137	0.173448
4950	481363.09	3862877.25	1.42881	3.06872	1.92239	2.29841		1.29E-01	0.01298	3.6E-05	0.00532	0.14782		1.63E-01	0.016385	3.06E-05	0.003108	1.83E-01		0.161098	0.014093	2.5E-05	0.003301	0.178516
4951	481863.09	3862877.25	1.47411	3.3495	1.9965	2.4724		1.34E-01	0.01417	3.7E-05	0.00573	0.15352		1.69E-01	0.017885	3.17E-05	0.003343	1.90E-01		0.166205	0.015382	2.59E-05	0.00355	0.185164
4952	482363.09	3862877.25	1.48937	3.90912	1.99669	2.54417		1.35E-01	0.01654	3.7E-05	0.00589	0.15744		1.70E-01	0.020873	3.17E-05	0.00344	1.95E-01		0.167926	0.017952	2.59E-05	0.003654	0.189558
4953	482863.09	3862877.25	1.58551	3.72756	2.09146	2.56147		1.44E-01	0.01577	3.9E-05	0.00593	0.16542		1.81E-01	0.019903	3.32E-05	0.003463	2.05E-01		0.178766	0.017118	2.71E-05	0.003678	0.19959
4954	483363.09	3862877.25	1.66736	3.7107	2.21086	2.67691		1.51E-01	0.0157	4.1E-05	0.0062	0.17304		1.91E-01	0.019813	3.51E-05	0.003619	2.14E-01		0.187994	0.017041	2.87E-05	0.003844	0.208908
4955	483863.09	3862877.25	1.7047	4.18765	2.28309	2.91819		1.54E-01	0.01772	4.3E-05	0.00676	0.179		1.95E-01	0.02236	3.63E-05	0.003946	2.21E-01		0.192204	0.019231	2.96E-05	0.004191	0.215656
4956	484363.09	3862877.25	1.77433	4.5252	2.37722	3.02567		1.61E-01	0.01914	4.5E-05	0.00701	0.18699		2.03E-01	0.024162	3.78E-05	0.004091	2.31E-01		0.200055	0.020781	3.09E-05	0.004345	0.225212
4957	484863.09	3862877.25	1.79061	3.98518	2.38224	3.14077		1.62E-01	0.01686	4.5E-05	0.00727	0.18645		2.05E-01	0.021279	3.79E-05	0.004247	2.30E-01		0.201891	0.018301	3.09E-05	0.00451	0.224733
4958	485363.09	3862877.25	1.88705	3.90665	2.47027	3.17339		1.71E-01	0.01653	4.6E-05	0.00735	0.19493		2.16E-01	0.02086	3.93E-05	0.004291	2.41E-01		0.212764	0.017941	3.21E-05	0.004557	0.235294
4959	485863.09	3862877.25	1.91725	4.58533	2.55429	3.35345		1.74E-01	0.0194	4.8E-05	0.00777	0.20096		2.19E-01	0.024483	4.06E-05	0.004534	2.48E-01		0.216169	0.021058	3.32E-05	0.004816	0.242076
4960	486363.09	3862877.25	2.04019	4.36729	2.70438	3.5078		1.85E-01	0.01848	5.1E-05	0.00812	0.21154		2.33E-01	0.023319	4.3E-05	0.004743	2.61E-01		0.230031	0.020056	3.51E-05	0.005037	0.255159
4961	486863.09	3862877.25	2.1848	4.12948	2.85905	3.495		1.98E-01	0.01747	5.4E-05	0.0081	0.22361		2.50E-01	0.022049	4.54E-05	0.004726	2.77E-01		0.246335	0.018964	3.71E-05	0.005019	0.270356
4962	487363.09	3862877.25	2.28044	4.08409	3.07059	3.94062		2.07E-01	0.01728	5.7E-05	0.00913	0.23312		2.61E-01	0.021807	4.88E-05	0.005328	2.88E-01		0.257119	0.018756	3.99E-05	0.005659	0.281573
4963	487863.09	3862877.25	2.5202	4.06929	3.31818	4.08339		2.28E-01	0.01722	6.2E-05	0.00946	0.25512		2.88E-01	0.021728	5.27E-05	0.005521	3.16E-01		0.284152	0.018688	4.31E-05	0.005864	0.308746
4964	488363.09	3862877.25	2.73097	4.0755	3.45375	4.60591		2.47E-01	0.01724	6.5E-05	0.01067	0.27546		3.12E-01	0.021761	5.49E-05	0.006228	3.40E-01		0.307916	0.018716	4.48E-05	0.006614	0.333291
4965	488863.09	3862877.25	2.73055	4.77433	3.43724	4.84192		2.47E-01	0.0202	6.4E-05	0.01121	0.27893		3.12E-01	0.025493	5.46E-05	0.006547	3.44E-01		0.307869	0.021925	4.46E-05	0.006953	0.336792
4966	489363.09	3862877.25	2.94082	4.33908	3.50918	4.9189		2.67E-01	0.01836	6.6E-05	0.01139	0.29632		3.36E-01	0.023169	5.58E-05	0.006651	3.66E-01		0.331576	0.019927	4.56E-05	0.007064	0.358612
4967	489863.09	3862877.25	3.23715	4.10819	3.8933	5.53272		2.93E-01	0.01738	7.3E-05	0.01281	0.32362		3.70E-01	0.021936	6.19E-05	0.007481	4.00E-01		0.364988	0.018866	5.05E-05	0.007945	0.39185
4968	490363.09	3862877.25	3.5075	4.51985	4.08696	5.99		3.18E-01	0.01912	7.7E-05	0.01387	0.35093		4.01E-01	0.024134	6.5E-05	0.008099	4.33E-01		0.395469	0.020757	5.31E-05	0.008602	0.424881
4969	490863.09	3862877.25	3.54883	4.95735	3.89695	6.21683		3.22E-01	0.02097	7.3E-05	0.0144	0.35705		4.06E-01	0.02647	6.19E-05	0.008406	4.41E-01		0.400129	0.022766	5.06E-05	0.008928	0.431874
4970	491363.09	3862877.25	3.69416	4.6572	4.0469	5.9972		3.35E-01	0.0197	7.6E-05	0.01389	0.36844		4.23E-01	0.024867	6.43E-05	0.008109	4.56E-01		0.416515	0.021388	5.25E-05	0.008612	0.446568
4971	491863.09	3862877.25	3.74469	4.98817	3.6268	6.13879		3.39E-01	0.0211	6.8E-05	0.01422	0.37474		4.28E-01	0.026634	5.76E-05	0.0083	4.63E-01		0.422213	0.022908	4.71E-05	0.008816	0.453983
4972	492363.09	3862877.25	3.68858	4.66939	3.70577	5.44261		3.34E-01	0.01975	6.9E-05	0.01261	0.3667		4.22E-01	0.024932	5.89E-05	0.007359	4.54E-01		0.415886	0.021444	4.81E-05	0.007816	0.445194
4973	492863.09	3862877.25	3.85741	4.99771	4.04139	6.24851		3.50E-01	0.02114	7.6E-05	0.01447	0.38526		4.41E-01	0.026685	6.42E-05	0.008449	4.76E-01		0.434922	0.022951	5.25E-05	0.008973	0.466899
4974	493363.09	3862877.25	3.75752	4.89817	3.99689	6.08067		3.41E-01	0.02072	7.5E-05	0.01408	0.37539		4.30E-01	0.026154	6.35E-05	0.008222	4.64E-01		0.423659	0.022494	5.19E-05	0.008732	0.454937
4975	493863.09	3862877.25	3.22182	4.21795	3.45873	5.19409		2.92E-01	0.01784	6.5E-05	0.01203	0.32191		3.69E-01	0.022522	5.5E-05	0.007023	3.98E-01		0.363259	0.01937	4.49E-05	0.007459	0.390133
4976	494363.09	3862877.25	2.94375	3.87145	3.21463	4.83972		2.67E-01	0.01638	6E-05	0.01121	0.29442		3.37E-01	0.020672	5.11E-05	0.006544	3.64E-01		0.331907	0.017779	4.17E-05	0.00695	0.356678
4977	494863.09	3862877.25	2.63904	3.58143	2.8259	4.2252		2.39E-01	0.01515	5.3E-05	0.00979	0.26415		3.02E-01	0.019123	4.49E-05	0.005713	3.27E-01		0.297551	0.016447	3.67E-05	0.006068	0.320102
4978	495363.09	3862877.25	2.7027	3.68348	2.85223	4.53282		2.45E-01	0.01558	5.3E-05	0.0105	0.27106		3.09E-01	0.019668	4.53E-05	0.006129	3.35E-01		0.304729	0.016916	3.7E-05	0.006509	0.328191
4979	495863.09	3862877.25	2.3803	3.49295	2.66733	4.07443		2.16E-01	0.01478	5E-05	0.00944	0.23997		2.72E-01	0.018651	4.24E-05	0.005509	2.96E-01		0.268378	0.016041	3.46E-05	0.005851	0.290305
4980	496363.09	3862877.25	2.33113	3.20787	2.56067	3.899		2.11E-01	0.01357	4.8E-05	0.00903	0.2339		2.67E-01	0.017128	4.07E-05	0.005272	2.89E-01		0.262834	0.014732	3.32E-05	0.005599	0.283198
4981	496863.09	3862877.25	2.24225	3.20743	2.50573	3.87434		2.03E-01	0.01357	4.7E-05	0.00897	0.22579		2.56E-01	0.017126	3.98E-05	0.005239	2.79E-01		0.252813	0.01473	3.25E-05	0.005564	0.273139
4982	497363.09	3862877.25	2.25567	3.26535	2.47593	4.00097		2.04E-01	0.01381	4.6E-05	0.00927	0.22754		2.58E-01	0.017435	3.94E-05	0.00541	2.81E-01		0.254326	0.014996	3.21E-05	0.005746	0.275099
4983	497863.09	3862877.25	2.23547	3.20824	2.58804	3.92287		2.03E-01	0.01357	4.8E-05	0.00909	0.22529		2.56E-01	0.01713	4.11E-05	0.005304	2.78E-01		0.252048	0.014733	3.36E-05	0.005633	0.272449
4984	498363.09	3862877.25	2.25308	3.10482	2.49644	3.72599		2.04E-01	0.01313	4.7E-05	0.00863	0.22599		2.58E-01	0.016578	3.97E-05	0.005038	2.79E-01		0.254034	0.014258	3.24E-05	0.005351	0.273676
4985	471363.09	3863377.25	0.99579	1.53384	1.345	1.67903		9.02E-02	0.00649	2.5E-05	0.00389	0.10064		1.14E-01	0.00819	2.14E-05	0.00227	1.24E-01		0.112275	0.007044	1.75E-05	0.002411	0.121748
4986	471863.09	3863377.25	0.99149	1.63334	1.35857	1.68482		8.99E-02	0.00691	2.5E-05	0.0039	0.10069		1.13E-01	0.008721	2.16E-05	0.002278	1.24E-01		0.11179	0.007501	1.76E-05	0.002419	0.121728
4987	472363.09	3863377.25	0.99619	1.6778	1.35427	1.70662		9.03E-02	0.0071	2.5E-05	0.00395	0.10135		1.14E-01	0.008959	2.15E-05	0.002308	1.25E-01		0.11232	0.007705	1.76E-05	0.002451	0.122494
4988	472863.09	3863377.25	0.99847	1.78669	1.3553	1.71013		9.05E-02	0.00756	2.5E-05	0.00396	0.10203		1.14E-01	0.00954	2.15E-05	0.002312	1.26E-01		0.112577	0.008205	1.76E-05	0.002456	0.123256
4989	473363.09	3863377.25	1.00518	1.85859	1.34138	1.73848		9.11E-02	0.00786	2.5E-05	0.00403	0.10301		1.15E-01	0.009924	2.13E-05	0.002351	1.27E-01		0.113334	0.008535	1.74E-05	0.002497	0.124383
4990	473863.09	3863377.25	0.9976	1.99471	1.3157	1.75573		9.04E-02	0.00844	2.5E-05	0.00407	0.10293		1.14E-01	0.010651	2.09E-05	0.002374	1.27E-01		0.112479	0.00916	1.71E-05	0.002521	0.124178
4991	474363.09	3863377.25	0.97446	2.08468	1.27421	1.76658		8.83E-02	0.00882	2.4E-05	0.00409	0.10124		1.11E-01	0.011131	2.03E-05	0.002389	1.25E-01		0.10987	0.009574	1.65E-05	0.002537	0.121997
4992	474863.09	3863377.25	0.96215	2.2763	1.27949	1.79466		8.72E-02	0.00963	2.4E-05	0.00416	0.101		1.10E-01	0.012154	2.03E-05	0.002427	1.25E-01		0.108482	0.010454	1.66E-05	0.002577	0.12153
4993	475363.09	3863377.25	0.95988	2.49338	1.26373	1.81788		8.70E-02	0.01055	2.4E-05	0.00421	0.10177		1.10E-01	0.013313	2.01E-05	0.002458	1.26E-01		0.108226	0.011451	1.64E-05	0.002611	0.122304
4994	475863.09	3863377.25	0.9879	2.36604	1.29742	1.81216		8.95E-02	0.01001	2.4E-05	0.0042	0.10376		1.13E-01	0.012634	2.06E-05	0.00245	1.28E-01		0.111385	0.010866	1.68E-05	0.002602	0.12487
4995	476363.09	3863377.25	1.01113	2.27474	1.32486	1.82069		9.16E-02	0.00962	2.5E-05	0.00422	0.1055		1.16E-01	0.012146	2.11E-05	0.002462	1.30E-01		0.114005	0.010446	1.72E-05	0.002615	0.127083
4996	476863.09	3863377.25	1.04086	2.33546	1.39321	1.80751		9.43E-02	0.00988	2.6E-05	0.00419	0.10842		1.19E-01	0.01247	2.21E-05	0.002444	1.34E-01		0.117357	0.010725	1.81E-05	0.002596	0.130696
4997	477363.09	3863377.25	1.0887	2.27134	1.42129	1.80266		9.87E-02	0.00961	2.7E-05	0.00418	0.11247		1.25E-01	0.012128	2.26E-05	0.002437	1.39E-01		0.122751	0.010431	1.84E-05	0.002589	0.135789
4998	477863.09	3863377.25	1.13312	2.23436	1.49553	1.79186		1.03E-01	0.00945	2.8E-05	0.00415	0.11632		1.30E-01	0.01193	2.38E-05	0.002423	1.44E-01		0.127759	0.010261	1.94E-05	0.002573	0.140613

4999	478363.09	3863377.25	1.31524	2.70117	1.75718	1.63174	1.19E-01	0.01143	3.3E-05	0.00378	0.13443	1.50E-01	0.014423	2.79E-05	0.002206	1.67E-01	0.148293	0.012405	2.28E-05	0.002343	0.163064
5000	478863.09	3863377.25	1.30901	2.94669	1.75686	1.7346	1.19E-01	0.01247	3.3E-05	0.00402	0.13514	1.50E-01	0.015734	2.79E-05	0.002345	1.68E-01	0.14759	0.013532	2.28E-05	0.002491	0.163637
5001	479363.09	3863377.25	1.22001	2.61916	1.58939	1.96815	1.11E-01	0.01108	3E-05	0.00456	0.12623	1.40E-01	0.013985	2.53E-05	0.002661	1.56E-01	0.137556	0.012028	2.06E-05	0.002826	0.152431
5002	479863.09	3863377.25	1.21454	2.88448	1.63466	2.01125	1.10E-01	0.0122	3.1E-05	0.00466	0.12696	1.39E-01	0.015402	2.6E-05	0.002719	1.57E-01	0.136939	0.013247	2.12E-05	0.002888	0.153095
5003	480363.09	3863377.25	1.2596	3.05326	1.64007	2.03268	1.14E-01	0.01292	3.1E-05	0.00471	0.1318	1.44E-01	0.016303	2.61E-05	0.002748	1.63E-01	0.142019	0.014022	2.13E-05	0.002919	0.158981
5004	480863.09	3863377.25	1.3204	2.7787	1.75441	2.15564	1.20E-01	0.01176	3.3E-05	0.00499	0.13644	1.51E-01	0.014837	2.79E-05	0.002915	1.69E-01	0.148875	0.012761	2.28E-05	0.003096	0.164754
5005	481363.09	3863377.25	1.34683	2.90234	1.80637	2.24952	1.22E-01	0.01228	3.4E-05	0.00521	0.13958	1.54E-01	0.015497	2.87E-05	0.003042	1.73E-01	0.151855	0.013329	2.34E-05	0.00323	0.168437
5006	481863.09	3863377.25	1.37873	3.37585	1.84575	2.38485	1.25E-01	0.01428	3.5E-05	0.00552	0.14478	1.58E-01	0.018025	2.93E-05	0.003225	1.79E-01	0.155451	0.015503	2.4E-05	0.003425	0.174403
5007	482363.09	3863377.25	1.43223	3.3508	1.89646	2.35547	1.30E-01	0.01418	3.6E-05	0.00546	0.14946	1.64E-01	0.017892	3.01E-05	0.003185	1.85E-01	0.161483	0.015388	2.46E-05	0.003383	0.180279
5008	482863.09	3863377.25	1.46883	3.23508	1.94866	2.44498	1.33E-01	0.01369	3.6E-05	0.00566	0.15249	1.68E-01	0.017274	3.1E-05	0.003306	1.89E-01	0.16561	0.014857	2.53E-05	0.003511	0.184003
5009	483363.09	3863377.25	1.56226	3.60826	2.08462	2.55577	1.42E-01	0.01526	3.9E-05	0.00592	0.1628	1.79E-01	0.019266	3.31E-05	0.003456	2.01E-01	0.176144	0.01657	2.71E-05	0.00367	0.196412
5010	483863.09	3863377.25	1.59798	3.66468	2.14412	2.79118	1.45E-01	0.0155	4E-05	0.00646	0.16682	1.83E-01	0.019568	3.41E-05	0.003774	2.06E-01	0.180172	0.01683	2.78E-05	0.004008	0.201037
5011	484363.09	3863377.25	1.64193	4.06599	2.20496	2.8586	1.49E-01	0.0172	4.1E-05	0.00662	0.17266	1.88E-01	0.02171	3.5E-05	0.003865	2.13E-01	0.185127	0.018673	2.86E-05	0.004105	0.207933
5012	484863.09	3863377.25	1.67236	3.60909	2.21207	2.91707	1.52E-01	0.01527	4.1E-05	0.00676	0.17362	1.91E-01	0.019271	3.52E-05	0.003944	2.15E-01	0.188558	0.016574	2.87E-05	0.004189	0.20935
5013	485363.09	3863377.25	1.73594	3.7464	2.28861	2.96052	1.57E-01	0.01585	4.3E-05	0.00686	0.18006	1.99E-01	0.020004	3.64E-05	0.004003	2.23E-01	0.195727	0.017205	2.97E-05	0.004251	0.217213
5014	485863.09	3863377.25	1.79324	4.05149	2.34367	3.15471	1.63E-01	0.01714	4.4E-05	0.00731	0.187	2.05E-01	0.021633	3.72E-05	0.004266	2.31E-01	0.202187	0.018606	3.04E-05	0.00453	0.225354
5015	486363.09	3863377.25	1.89872	3.81446	2.51586	3.23155	1.72E-01	0.01614	4.7E-05	0.00748	0.19574	2.17E-01	0.020367	4E-05	0.004369	2.42E-01	0.21408	0.017517	3.27E-05	0.004641	0.236271
5016	486863.09	3863377.25	2.016	3.69287	2.64528	3.25254	1.83E-01	0.01562	5E-05	0.00753	0.2059	2.31E-01	0.019718	4.2E-05	0.004398	2.55E-01	0.227303	0.016959	3.43E-05	0.004671	0.248967
5017	487363.09	3863377.25	2.09303	3.72521	2.69386	3.62142	1.90E-01	0.01576	5E-05	0.00839	0.21387	2.39E-01	0.019891	4.28E-05	0.004897	2.64E-01	0.235988	0.017108	3.5E-05	0.005201	0.258331
5018	487863.09	3863377.25	2.27367	3.77404	3.0092	3.81346	2.06E-01	0.01597	5.6E-05	0.00883	0.2309	2.60E-01	0.020152	4.78E-05	0.005156	2.85E-01	0.256356	0.017332	3.91E-05	0.005476	0.279203
5019	488363.09	3863377.25	2.45624	3.60539	3.17017	4.14049	2.23E-01	0.01525	5.9E-05	0.00959	0.24749	2.81E-01	0.019251	5.04E-05	0.005598	3.06E-01	0.27694	0.016557	4.12E-05	0.005946	0.299485
5020	488863.09	3863377.25	2.50868	3.96898	3.1268	4.50422	2.27E-01	0.01679	5.9E-05	0.01043	0.25462	2.87E-01	0.021192	4.97E-05	0.00609	3.14E-01	0.282853	0.018227	4.06E-05	0.006468	0.307589
5021	489363.09	3863377.25	2.67281	3.88901	3.09544	4.40591	2.42E-01	0.01645	5.8E-05	0.0102	0.26893	3.06E-01	0.020765	4.92E-05	0.005957	3.32E-01	0.301358	0.01786	4.02E-05	0.006327	0.325585
5022	489863.09	3863377.25	2.92516	3.88786	3.42963	4.85115	2.65E-01	0.01645	6.4E-05	0.01124	0.29283	3.35E-01	0.020759	5.45E-05	0.006559	3.62E-01	0.329811	0.017854	4.45E-05	0.006967	0.354676
5023	490363.09	3863377.25	3.04755	3.89937	3.52872	5.08141	2.76E-01	0.0165	6.6E-05	0.01177	0.30451	3.49E-01	0.020821	5.61E-05	0.006871	3.76E-01	0.34361	0.017907	4.58E-05	0.007297	0.368861
5024	490863.09	3863377.25	3.33471	4.31681	3.60977	5.57001	3.02E-01	0.01826	6.8E-05	0.0129	0.33343	3.81E-01	0.02305	5.74E-05	0.007531	4.12E-01	0.375987	0.019824	4.69E-05	0.007999	0.403857
5025	491363.09	3863377.25	3.31355	4.16475	3.76423	5.33798	3.00E-01	0.01762	7E-05	0.01236	0.33033	3.79E-01	0.022238	5.98E-05	0.007218	4.09E-01	0.373602	0.019126	4.89E-05	0.007666	0.400442
5026	491863.09	3863377.25	3.47973	4.35011	3.78665	5.50429	3.15E-01	0.0184	7.1E-05	0.01275	0.34656	3.98E-01	0.023228	6.02E-05	0.007442	4.29E-01	0.392338	0.019977	4.92E-05	0.007904	0.420269
5027	492363.09	3863377.25	3.39763	4.56807	3.35592	5.49005	3.08E-01	0.01933	6.3E-05	0.01272	0.34	3.89E-01	0.024391	5.33E-05	0.007423	4.20E-01	0.383082	0.020978	4.36E-05	0.007884	0.411987
5028	492863.09	3863377.25	3.42229	4.46672	3.48518	5.03755	3.10E-01	0.0189	6.5E-05	0.01167	0.34076	3.91E-01	0.02385	5.54E-05	0.006811	4.22E-01	0.385862	0.020513	4.52E-05	0.007234	0.413654
5029	493363.09	3863377.25	3.6862	4.81201	3.84183	5.66397	3.34E-01	0.02036	7.2E-05	0.01312	0.3676	4.22E-01	0.025694	6.11E-05	0.007658	4.55E-01	0.415618	0.022099	4.99E-05	0.008134	0.4459
5030	493863.09	3863377.25	3.60499	4.68363	3.75201	5.48394	3.27E-01	0.01981	7E-05	0.0127	0.35928	4.12E-01	0.025008	5.96E-05	0.007415	4.45E-01	0.406461	0.021509	4.87E-05	0.007875	0.435894
5031	494363.09	3863377.25	3.01827	4.12413	3.12126	4.81744	2.74E-01	0.01745	5.8E-05	0.01116	0.30219	3.45E-01	0.022021	4.96E-05	0.006514	3.74E-01	0.340309	0.01894	4.05E-05	0.006918	0.366207
5032	494863.09	3863377.25	2.8816	3.7523	2.92931	4.33628	2.61E-01	0.01587	5.5E-05	0.01004	0.28711	3.30E-01	0.020035	4.66E-05	0.005863	3.56E-01	0.324899	0.017232	3.8E-05	0.006227	0.348397
5033	495363.09	3863377.25	2.60937	3.4467	2.75527	3.95846	2.36E-01	0.01458	5.2E-05	0.00917	0.26027	2.98E-01	0.018404	4.38E-05	0.005352	3.22E-01	0.294206	0.015829	3.58E-05	0.005685	0.315754
5034	495863.09	3863377.25	2.61304	3.61866	2.80645	4.16271	2.37E-01	0.01531	5.3E-05	0.00964	0.2618	2.99E-01	0.019322	4.46E-05	0.005628	3.24E-01	0.294619	0.016618	3.64E-05	0.005978	0.317252
5035	496363.09	3863377.25	2.37962	3.25733	2.61963	3.86209	2.16E-01	0.01378	4.9E-05	0.00895	0.23842	2.72E-01	0.017393	4.16E-05	0.005222	2.95E-01	0.268301	0.014959	3.4E-05	0.005546	0.28884
5036	496863.09	3863377.25	2.13142	2.96763	2.35369	3.57583	1.93E-01	0.01255	4.4E-05	0.00828	0.21403	2.44E-01	0.015846	3.74E-05	0.004835	2.65E-01	0.240317	0.013628	3.06E-05	0.005135	0.259111
5037	497363.09	3863377.25	2.04124	2.82284	2.30707	3.31593	1.85E-01	0.01194	4.3E-05	0.00768	0.20465	2.33E-01	0.015073	3.67E-05	0.004483	2.53E-01	0.230149	0.012964	2.99E-05	0.004762	0.247904
5038	497863.09	3863377.25	2.02809	2.89624	2.24709	3.50935	1.84E-01	0.01225	4.2E-05	0.00813	0.20421	2.32E-01	0.015465	3.57E-05	0.004745	2.52E-01	0.228666	0.013301	2.92E-05	0.00504	0.247036
5039	498363.09	3863377.25	2.03405	2.92682	2.33235	3.53244	1.84E-01	0.01238	4.4E-05	0.00818	0.20494	2.33E-01	0.015628	3.71E-05	0.004776	2.53E-01	0.229338	0.013441	3.03E-05	0.005073	0.247883
5040	471363.09	3863877.25	0.93748	1.51632	1.27674	1.62113	8.50E-02	0.00641	2.4E-05	0.00375	0.09515	1.07E-01	0.008096	2.03E-05	0.002192	1.18E-01	0.105701	0.006964	1.66E-05	0.002328	0.115009
5041	471863.09	3863877.25	0.93926	1.63866	1.2623	1.61499	8.51E-02	0.00693	2.4E-05	0.00374	0.09581	1.07E-01	0.00875	2.01E-05	0.002184	1.18E-01	0.105901	0.007525	1.64E-05	0.002319	0.115762
5042	472363.09	3863877.25	0.93833	1.6659	1.24631	1.64324	8.50E-02	0.00705	2.3E-05	0.00381	0.09591	1.07E-01	0.008895	1.98E-05	0.002222	1.18E-01	0.105796	0.00765	1.62E-05	0.00236	0.115823
5043	472863.09	3863877.25	0.93426	1.80236	1.22571	1.62464	8.47E-02	0.00762	2.3E-05	0.00376	0.09608	1.07E-01	0.009624	1.95E-05	0.002197	1.19E-01	0.105337	0.008277	1.59E-05	0.002333	0.115964
5044	473363.09	3863877.25	0.90749	1.80694	1.17576	1.62149	8.22E-02	0.00764	2.2E-05	0.00376	0.09366	1.04E-01	0.009648	1.87E-05	0.002192	1.16E-01	0.102319	0.008298	1.53E-05	0.002329	0.112961
5045	473863.09	3863877.25	0.8979	2.01368	1.19111	1.69016	8.14E-02	0.00852	2.2E-05	0.00391	0.09383	1.03E-01	0.010752	1.89E-05	0.002285	1.16E-01	0.101238	0.009248	1.55E-05	0.002427	0.112928
5046	474363.09	3863877.25	0.88629	2.22442	1.1677	1.70015	8.03E-02	0.00941	2.2E-05	0.00394	0.09369	1.01E-01	0.011877	1.86E-05	0.002299	1.16E-01	0.099929	0.010215	1.52E-05	0.002442	0.112601
5047	474863.09	3863877.25	0.90098	2.04984	1.1504	1.70092	8.16E-02	0.00867	2.2E-05	0.00394	0.09428	1.03E-01	0.010945	1.83E-05	0.0023	1.16E-01	0.101585	0.009414	1.49E-05	0.002443	0.113456
5048	475363.09	3863877.25	0.91901	1.96983	1.21652	1.65699	8.33E-02	0.00833	2.3E-05	0.00384	0.09548	1.05E-01	0.010518	1.93E-05	0.00224	1.18E-01	0.103618	0.009046	1.58E-05	0.00238	0.11506
5049	475863.09	3863877.25	0.94065	1.94135	1.22914	1.67059	8.52E-02	0.00821	2.3E-05	0.00387	0.09735	1.08E-01	0.010366	1.95E-05	0.002259	1.20E-01	0.106058	0.008915	1.6E-05	0.002399	0.117388
5050	476363.09	3863877.25	0.9723	2.06903	1.29844	1.66533	8.81E-02	0.00875	2.4E-05	0.00386	0.10075	1.11E-01	0.011048	2.06E-05	0.002252	1.25E-01	0.109626	0.009502	1.69E-05	0.002392	0.121537
5051	476863.09	3863877.25	1.01004	2.04865	1.31176	1.65664	9.15E-02	0.00867	2.5E-05	0.00384	0.10406	1.16E-01	0.010939	2.08E-05	0.00224	1.29E-01	0.113882	0.009408	1.7E-05	0.002379	0.125686
5052	477363.09	3863877.25	1.04056	2.08903	1.39116	1.70872	9.43E-02	0.00884	2.6E-05	0.00396	0.10712	1.19E-01	0.011154	2.21E-05	0.00231	1.33E-01	0.117323	0.009594	1.81E-05	0.002454	0.129388
5053	477863.09	3863877.25	1.06661	2.1205	1.41121	1.79251	9.67E-02	0.00897	2.6E-05	0.00415	0.10981	1.22E-01	0.011322	2.24E-05	0.002424	1.36E-01	0.12026	0.009738	1.83E-05	0.002574	0.13259
5054	478363.09	3863877.25	1.15591	2.37566	1.53542	1.73071	1.05E-01	0.01005	2.9E-05	0.00401	0.11884	1.32E-01	0.012685	2.44E-05	0.00234	1.47E-01	0.130328	0.01091	1.99E-05	0.002485	0.143744
5055	478863.09	3863877.25	1.12023	2.36764	1.46879	1.88304	1.02E-01	0.01002	2.7E-05	0.00436	0.11592	1.28E-01	0.012642	2.33E-05	0.002546	1.43E-01	0.126306	0.010873	1.91E-05	0.002704	0.139902
5056	479363.09	3863877.25	1.13878	2.53308	1.53012	1.91801	1.03E-01	0.01072	2.9E-05	0.00444	0.11839	1.30E-01	0.013525	2.43E-05	0.002593	1.46E-01	0.128397	0.011633	1.99E-05	0.002754	0.142804
5057	479863.09	3863877.25	1.15698	2.62982	1.53283	1.91988	1.05E-01	0.01113	2.9E-05	0.00445	0.12045	1.32E-01	0.014042	2.44E-05	0.002596	1.49E-01	0.130449	0.012077	1.99E-05	0.002757	0.145303
5058	480363.09	3863877.25	1.20944	2.70385	1.59685	1.96338	1.10E-01	0.01144	3E-05	0.00455	0.12562	1.38E-01	0.014437	2.54E-05	0.002655	1.55E-01	0.136364	0.012417	2.07E-05	0.00282	0.151621
5059	480863.09	3863877.25	1.24849	2.6366	1.6537	2.05953	1.13E-01	0.01115	3.1E-05	0.00477	0.1291	1.43E-01	0.014078	2.63E-05	0.002785	1.60E-01	0.140767	0.012108	2.15E-05	0.002958	0.155854

5060	481363.09	3863877.25	1.2834	2.85741	1.71991	2.21607	1.16E-01	0.01209	3.2E-05	0.00513	0.13356	1.47E-01	0.015257	2.73E-05	0.002996	1.65E-01	0.144703	0.013122	2.23E-05	0.003182	0.16103
5061	481863.09	3863877.25	1.30123	2.98961	1.75246	2.2202	1.18E-01	0.01265	3.3E-05	0.00514	0.13574	1.49E-01	0.015963	2.79E-05	0.003002	1.68E-01	0.146713	0.013729	2.27E-05	0.003188	0.163654
5062	482363.09	3863877.25	1.35472	2.91762	1.77126	2.25674	1.23E-01	0.01234	3.3E-05	0.00523	0.14037	1.55E-01	0.015579	2.82E-05	0.003051	1.74E-01	0.152744	0.013399	2.3E-05	0.003241	0.169407
5063	482863.09	3863877.25	1.3977	3.11762	1.84418	2.33231	1.27E-01	0.01319	3.5E-05	0.0054	0.14529	1.60E-01	0.016647	2.93E-05	0.003154	1.80E-01	0.15759	0.014317	2.39E-05	0.003349	0.175281
5064	483363.09	3863877.25	1.46659	3.3147	1.92672	2.4866	1.33E-01	0.01402	3.6E-05	0.00576	0.15272	1.68E-01	0.017699	3.06E-05	0.003362	1.89E-01	0.165358	0.015222	2.5E-05	0.003571	0.184176
5065	483863.09	3863877.25	1.51162	3.51645	2.00738	2.66251	1.37E-01	0.01488	3.8E-05	0.00617	0.15807	1.73E-01	0.018776	3.19E-05	0.0036	1.95E-01	0.170435	0.016149	2.61E-05	0.003824	0.190433
5066	484363.09	3863877.25	1.53706	3.53991	2.05633	2.7028	1.39E-01	0.01498	3.8E-05	0.00626	0.16057	1.76E-01	0.018901	3.27E-05	0.003654	1.98E-01	0.173303	0.016257	2.67E-05	0.003881	0.193468
5067	484863.09	3863877.25	1.56069	3.08621	2.07386	2.74984	1.41E-01	0.01306	3.9E-05	0.00637	0.1609	1.79E-01	0.016479	3.3E-05	0.003718	1.99E-01	0.175967	0.014173	2.69E-05	0.003949	0.194116
5068	485363.09	3863877.25	1.61775	3.58885	2.11264	2.79954	1.47E-01	0.01518	4E-05	0.00648	0.16831	1.85E-01	0.019163	3.36E-05	0.003785	2.08E-01	0.182401	0.016481	2.74E-05	0.00402	0.20293
5069	485863.09	3863877.25	1.68141	3.77731	2.18738	2.91193	1.52E-01	0.01598	4.1E-05	0.00674	0.17514	1.92E-01	0.020169	3.48E-05	0.003937	2.16E-01	0.189578	0.017347	2.84E-05	0.004182	0.211135
5070	486363.09	3863877.25	1.78363	3.48443	2.34662	3.01467	1.62E-01	0.01474	4.4E-05	0.00698	0.1834	2.04E-01	0.018605	3.73E-05	0.004076	2.27E-01	0.201104	0.016002	3.05E-05	0.004329	0.221465
5071	486863.09	3863877.25	1.86644	3.35009	2.40669	3.05068	1.69E-01	0.01417	4.5E-05	0.00707	0.19042	2.13E-01	0.017888	3.82E-05	0.004125	2.36E-01	0.21044	0.015385	3.12E-05	0.004381	0.230238
5072	487363.09	3863877.25	1.91721	3.41405	2.49215	3.28713	1.74E-01	0.01444	4.7E-05	0.00761	0.19585	2.19E-01	0.018229	3.96E-05	0.004445	2.42E-01	0.216165	0.015679	3.23E-05	0.00472	0.236596
5073	487863.09	3863877.25	2.10579	3.31449	2.71424	3.52624	1.91E-01	0.01402	5.1E-05	0.00817	0.21307	2.41E-01	0.017698	4.31E-05	0.004768	2.63E-01	0.237427	0.015221	3.52E-05	0.005064	0.257748
5074	488363.09	3863877.25	2.27663	3.25717	2.98066	3.71983	2.06E-01	0.01378	5.6E-05	0.00862	0.22876	2.60E-01	0.017392	4.74E-05	0.00503	2.83E-01	0.256689	0.014958	3.87E-05	0.005342	0.277028
5075	488863.09	3863877.25	2.35696	3.49549	2.93449	4.06966	2.14E-01	0.01479	5.5E-05	0.00943	0.23786	2.70E-01	0.018664	4.66E-05	0.005503	2.94E-01	0.265746	0.016053	3.81E-05	0.005844	0.287681
5076	489363.09	3863877.25	2.40761	3.70797	2.86669	4.12295	2.18E-01	0.01569	5.4E-05	0.00955	0.24347	2.75E-01	0.019799	4.56E-05	0.005575	3.01E-01	0.271457	0.017028	3.72E-05	0.005921	0.294444
5077	489863.09	3863877.25	2.41836	3.73023	2.90708	4.30995	2.19E-01	0.01578	5.4E-05	0.00998	0.24497	2.77E-01	0.019918	4.62E-05	0.005828	3.02E-01	0.272669	0.017131	3.77E-05	0.006189	0.296027
5078	490363.09	3863877.25	2.72842	3.36188	3.21603	4.61973	2.47E-01	0.01422	6E-05	0.0107	0.27224	3.12E-01	0.017951	5.11E-05	0.006246	3.36E-01	0.307628	0.015439	4.17E-05	0.006634	0.329743
5079	490863.09	3863877.25	2.94788	3.72413	3.35469	4.91693	2.67E-01	0.01575	6.3E-05	0.01139	0.29435	3.37E-01	0.019885	5.33E-05	0.006648	3.64E-01	0.332372	0.017103	4.35E-05	0.007061	0.35658
5080	491363.09	3863877.25	2.96366	4.11092	3.14646	5.18092	2.69E-01	0.01739	5.9E-05	0.012	0.29802	3.39E-01	0.02195	5E-05	0.007005	3.68E-01	0.334152	0.018879	4.08E-05	0.00744	0.360511
5081	491863.09	3863877.25	3.14123	3.92027	3.40049	4.94294	2.85E-01	0.01658	6.4E-05	0.01145	0.31276	3.59E-01	0.020932	5.4E-05	0.006683	3.87E-01	0.354173	0.018003	4.41E-05	0.007098	0.379318
5082	492363.09	3863877.25	3.32935	4.19754	3.75035	5.32096	3.02E-01	0.01776	7E-05	0.01232	0.33186	3.81E-01	0.022413	5.96E-05	0.007195	4.10E-01	0.375383	0.019277	4.87E-05	0.007641	0.40235
5083	492863.09	3863877.25	3.35788	4.405	3.1974	5.10957	3.04E-01	0.01864	6E-05	0.01183	0.33483	3.84E-01	0.023521	5.08E-05	0.006909	4.15E-01	0.3786	0.020229	4.15E-05	0.007338	0.406208
5084	493363.09	3863877.25	3.3249	4.22923	3.28575	4.96527	3.01E-01	0.01789	6.2E-05	0.0115	0.33076	3.80E-01	0.022582	5.22E-05	0.006714	4.10E-01	0.374881	0.019422	4.27E-05	0.00713	0.401477
5085	493863.09	3863877.25	3.53894	4.45346	3.51843	5.98552	3.21E-01	0.01884	6.6E-05	0.01386	0.35348	4.05E-01	0.023779	5.59E-05	0.008093	4.37E-01	0.399014	0.020452	4.57E-05	0.008596	0.428107
5086	494363.09	3863877.25	3.36979	4.23733	3.37526	5.42136	3.05E-01	0.01793	6.3E-05	0.01256	0.33592	3.85E-01	0.022625	5.36E-05	0.00733	4.15E-01	0.379943	0.019459	4.38E-05	0.007785	0.407231
5087	494863.09	3863877.25	2.83537	3.85572	2.96018	4.70974	2.57E-01	0.01631	5.5E-05	0.01091	0.28422	3.24E-01	0.020588	4.7E-05	0.006368	3.51E-01	0.319687	0.017707	3.84E-05	0.006763	0.344196
5088	495363.09	3863877.25	2.62271	3.42562	2.67097	3.9445	2.38E-01	0.01449	5E-05	0.00914	0.26135	3.00E-01	0.018291	4.25E-05	0.005333	3.24E-01	0.29571	0.015732	3.47E-05	0.005665	0.317141
5089	495863.09	3863877.25	2.33615	3.16258	2.56281	3.68151	2.12E-01	0.01338	4.8E-05	0.00853	0.23366	2.67E-01	0.016887	4.07E-05	0.004978	2.89E-01	0.2634	0.014524	3.33E-05	0.005287	0.283244
5090	496363.09	3863877.25	2.31478	3.19238	2.33705	3.6987	2.10E-01	0.01351	4.4E-05	0.00857	0.23189	2.65E-01	0.017046	3.71E-05	0.005001	2.87E-01	0.260991	0.014661	3.03E-05	0.005312	0.280993
5091	496863.09	3863877.25	2.22825	3.13621	2.3918	3.67674	2.02E-01	0.01327	4.5E-05	0.00852	0.22376	2.55E-01	0.016746	3.8E-05	0.004971	2.77E-01	0.251234	0.014403	3.1E-05	0.00528	0.270948
5092	497363.09	3863877.25	1.99859	2.88386	2.19262	3.31116	1.81E-01	0.0122	4.1E-05	0.00767	0.20103	2.29E-01	0.015398	3.48E-05	0.004477	2.49E-01	0.22534	0.013244	2.85E-05	0.004755	0.243368
5093	497863.09	3863877.25	1.93443	2.698	2.07817	3.10796	1.75E-01	0.01141	3.9E-05	0.0072	0.19395	2.21E-01	0.014406	3.3E-05	0.004202	2.40E-01	0.218106	0.01239	2.7E-05	0.004463	0.234987
5094	498363.09	3863877.25	1.88731	2.62621	1.98164	3.08216	1.71E-01	0.01111	3.7E-05	0.00714	0.18932	2.16E-01	0.014023	3.15E-05	0.004167	2.34E-01	0.212794	0.012061	2.57E-05	0.004426	0.229306
5095	471363.09	3864377.25	0.87306	1.57073	1.1648	1.53258	7.91E-02	0.00664	2.2E-05	0.00355	0.08934	9.99E-02	0.008387	1.85E-05	0.002072	1.10E-01	0.098437	0.007213	1.51E-05	0.002201	0.107867
5096	471863.09	3864377.25	0.864	1.62562	1.14252	1.52702	7.83E-02	0.00688	2.1E-05	0.00354	0.08873	9.88E-02	0.00868	1.82E-05	0.002065	1.10E-01	0.097416	0.007465	1.48E-05	0.002193	0.107089
5097	472363.09	3864377.25	0.84694	1.7025	1.1034	1.53718	7.68E-02	0.0072	2.1E-05	0.00356	0.08753	9.69E-02	0.009091	1.75E-05	0.002078	1.08E-01	0.095492	0.007819	1.43E-05	0.002207	0.105533
5098	472863.09	3864377.25	0.83893	1.77631	1.09559	1.56752	7.60E-02	0.00751	2.1E-05	0.00363	0.08719	9.60E-02	0.009485	1.74E-05	0.002119	1.08E-01	0.094589	0.008157	1.42E-05	0.002251	0.105012
5099	473363.09	3864377.25	0.82171	1.97855	1.08061	1.57525	7.45E-02	0.00837	2E-05	0.00365	0.0865	9.40E-02	0.010565	1.72E-05	0.00213	1.07E-01	0.092648	0.009086	1.4E-05	0.002262	0.10401
5100	473863.09	3864377.25	0.8271	1.96224	1.07044	1.59168	7.50E-02	0.0083	2E-05	0.00369	0.08696	9.46E-02	0.010477	1.7E-05	0.002152	1.07E-01	0.093255	0.009011	1.39E-05	0.002286	0.104566
5101	474363.09	3864377.25	0.84986	1.85917	1.09113	1.53863	7.70E-02	0.00787	2E-05	0.00356	0.08847	9.72E-02	0.009927	1.73E-05	0.00208	1.09E-01	0.095821	0.008538	1.42E-05	0.00221	0.106583
5102	474863.09	3864377.25	0.86675	1.73816	1.12278	1.4862	7.85E-02	0.00735	2.1E-05	0.00344	0.08936	9.91E-02	0.009281	1.78E-05	0.00201	1.10E-01	0.097726	0.007982	1.46E-05	0.002134	0.107857
5103	475363.09	3864377.25	0.8901	1.82957	1.16639	1.53784	8.07E-02	0.00774	2.2E-05	0.00356	0.09199	1.02E-01	0.009769	1.85E-05	0.002079	1.14E-01	0.100358	0.008402	1.51E-05	0.002208	0.110984
5104	475863.09	3864377.25	0.90914	1.83878	1.21383	1.52786	8.24E-02	0.00778	2.3E-05	0.00354	0.09373	1.04E-01	0.009818	1.93E-05	0.002066	1.16E-01	0.102505	0.008444	1.58E-05	0.002194	0.113159
5105	476363.09	3864377.25	0.93486	1.86162	1.22019	1.55938	8.47E-02	0.00788	2.3E-05	0.00361	0.09623	1.07E-01	0.00994	1.94E-05	0.002108	1.19E-01	0.105405	0.008549	1.58E-05	0.002239	0.11621
5106	476863.09	3864377.25	0.97639	1.92841	1.27293	1.58557	8.85E-02	0.00816	2.4E-05	0.00367	0.10034	1.12E-01	0.010297	2.02E-05	0.002144	1.24E-01	0.110088	0.008856	1.65E-05	0.002277	0.121237
5107	477363.09	3864377.25	0.99138	1.91285	1.30625	1.65581	8.98E-02	0.00809	2.4E-05	0.00384	0.10179	1.13E-01	0.010214	2.08E-05	0.002239	1.26E-01	0.111778	0.008785	1.7E-05	0.002378	0.122957
5108	477863.09	3864377.25	1.01106	1.9988	1.34794	1.70853	9.16E-02	0.00846	2.5E-05	0.00396	0.10406	1.16E-01	0.010673	2.14E-05	0.00231	1.29E-01	0.113997	0.009179	1.75E-05	0.002454	0.125647
5109	478363.09	3864377.25	1.01785	2.17287	1.35676	1.73064	9.22E-02	0.00919	2.5E-05	0.00401	0.10547	1.16E-01	0.011602	2.16E-05	0.00234	1.30E-01	0.114762	0.009979	1.76E-05	0.002485	0.127244
5110	478863.09	3864377.25	1.05885	2.26279	1.41369	1.77626	9.60E-02	0.00957	2.6E-05	0.00411	0.10967	1.21E-01	0.012082	2.25E-05	0.002402	1.36E-01	0.119385	0.010392	1.84E-05	0.002551	0.132346
5111	479363.09	3864377.25	1.0575	2.38139	1.42457	1.79955	9.58E-02	0.01007	2.7E-05	0.00417	0.1101	1.21E-01	0.012715	2.26E-05	0.002433	1.36E-01	0.119233	0.010936	1.85E-05	0.002584	0.132772
5112	479863.09	3864377.25	1.11711	2.41483	1.46533	1.83669	1.01E-01	0.01022	2.7E-05	0.00425	0.11573	1.28E-01	0.012894	2.33E-05	0.002483	1.43E-01	0.125954	0.01109	1.9E-05	0.002638	0.1397
5113	480363.09	3864377.25	1.15645	2.51131	1.5414	1.94259	1.05E-01	0.01062	2.9E-05	0.0045	0.11995	1.32E-01	0.013409	2.45E-05	0.002627	1.48E-01	0.130389	0.011533	2E-05	0.00279	0.144732
5114	480863.09	3864377.25	1.19062	2.5851	1.58701	2.03516	1.08E-01	0.01094	3E-05	0.00471	0.12358	1.36E-01	0.013803	2.52E-05	0.002752	1.53E-01	0.134242	0.011872	2.06E-05	0.002923	0.149057
5115	481363.09	3864377.25	1.19823	2.64957	1.62403	2.08444	1.09E-01	0.01121	3E-05	0.00483	0.12465	1.37E-01	0.014147	2.58E-05	0.002818	1.54E-01	0.1351	0.012168	2.11E-05	0.002993	0.150282
5116	481863.09	3864377.25	1.23499	2.63057	1.64106	2.12494	1.12E-01	0.01113	3.1E-05	0.00492	0.128	1.41E-01	0.014046	2.61E-05	0.002873	1.58E-01	0.139245	0.012081	2.13E-05	0.003052	0.154398
5117	482363.09	3864377.25	1.2625	2.89766	1.67483	2.17815	1.14E-01	0.01226	3.1E-05	0.00505	0.13175	1.44E-01	0.015472	2.66E-05	0.002945	1.63E-01	0.142346	0.013307	2.17E-05	0.003128	0.158803
5118	482863.09	3864377.25	1.33652	3.07183	1.74741	2.23804	1.21E-01	0.013	3.3E-05	0.00518	0.13933	1.53E-01	0.016402	2.78E-05	0.003026	1.72E-01	0.150692	0.014107	2.27E-05	0.003214	0.168036
5119	483363.09	3864377.25	1.38026	3.0435	1.84488	2.3488	1.25E-01	0.01288	3.5E-05	0.00544	0.14343	1.58E-01	0.016251	2.93E-05	0.003176	1.77E-01	0.155624	0.013977	2.39E-05	0.003373	0.172998
5120	483863.09	3864377.25	1.42197	3.21527	1.88329	2.54158	1.29E-01	0.0136	3.5E-05	0.00589	0.14839	1.63E-01	0.017168	2.99E-05	0.003436	1.83E-01	0.160327	0.014766	2.44E-05	0.00365	0.178767

5121	484363.09	3864377.25	1.45536	3.0408	1.93943	2.55523		1.32E-01	0.01286	3.6E-05	0.00592	0.15071		1.66E-01	0.016236	3.08E-05	0.003455	1.86E-01		0.164091	0.013964	2.52E-05	0.003669	0.18175							
5122	484863.09	3864377.25	1.45985	2.90478	1.92988	2.58148		1.32E-01	0.01229	3.6E-05	0.00598	0.1506		1.67E-01	0.01551	3.07E-05	0.00349	1.86E-01		0.164598	0.01334	2.51E-05	0.003707	0.18167							
5123	485363.09	3864377.25	1.51014	3.25256	1.96743	2.64643		1.37E-01	0.01376	3.7E-05	0.00613	0.15678		1.73E-01	0.017367	3.13E-05	0.003578	1.94E-01		0.170268	0.014937	2.55E-05	0.0038	0.189031							
5124	485863.09	3864377.25	1.55898	3.14101	2.02907	2.735		1.41E-01	0.01329	3.8E-05	0.00633	0.16094		1.78E-01	0.016771	3.22E-05	0.003698	1.99E-01		0.175774	0.014425	2.63E-05	0.003928	0.194153							
5125	486363.09	3864377.25	1.66675	3.09094	2.20424	2.81558		1.51E-01	0.01308	4.1E-05	0.00652	0.17068		1.91E-01	0.016504	3.5E-05	0.003807	2.11E-01		0.187925	0.014195	2.86E-05	0.004043	0.206192							
5126	486863.09	3864377.25	1.73316	3.10769	2.22901	2.85919		1.57E-01	0.01315	4.2E-05	0.00662	0.17687		1.98E-01	0.016594	3.54E-05	0.003866	2.19E-01		0.195413	0.014272	2.89E-05	0.004106	0.21382							
5127	487363.09	3864377.25	1.79896	3.17424	2.32297	2.98126		1.63E-01	0.01343	4.3E-05	0.00691	0.1834		2.06E-01	0.016949	3.69E-05	0.004031	2.27E-01		0.202832	0.014577	3.02E-05	0.004281	0.221721							
5128	487863.09	3864377.25	1.94636	3.03694	2.47811	3.24758		1.76E-01	0.01285	4.6E-05	0.00752	0.1968		2.23E-01	0.016216	3.94E-05	0.004391	2.43E-01		0.219451	0.013947	3.22E-05	0.004664	0.238094							
5129	488363.09	3864377.25	2.08001	2.93809	2.71033	3.46373		1.88E-01	0.01243	5.1E-05	0.00802	0.209		2.38E-01	0.015688	4.31E-05	0.004683	2.58E-01		0.23452	0.013493	3.52E-05	0.004974	0.253022							
5130	488863.09	3864377.25	2.16649	3.22086	2.75487	3.81063		1.96E-01	0.01363	5.2E-05	0.00883	0.21884		2.48E-01	0.017198	4.38E-05	0.005152	2.70E-01		0.244271	0.014791	3.58E-05	0.005472	0.26457							
5131	489363.09	3864377.25	2.20925	3.34311	2.78625	3.88655		2.00E-01	0.01414	5.2E-05	0.009	0.2234		2.53E-01	0.017851	4.43E-05	0.005255	2.76E-01		0.249092	0.015353	3.62E-05	0.005581	0.270062							
5132	489863.09	3864377.25	2.30343	3.35142	2.62737	3.77783		2.09E-01	0.01418	4.9E-05	0.00875	0.23172		2.63E-01	0.017895	4.18E-05	0.005108	2.87E-01		0.259711	0.015391	3.41E-05	0.005425	0.280561							
5133	490363.09	3864377.25	2.46135	3.25159	2.88184	4.0683		2.23E-01	0.01376	5.4E-05	0.00942	0.24629		2.82E-01	0.017362	4.58E-05	0.005501	3.04E-01		0.277516	0.014933	3.74E-05	0.005842	0.298329							
5134	490863.09	3864377.25	2.60589	3.33288	3.07534	4.32409		2.36E-01	0.0141	5.8E-05	0.01002	0.26032		2.98E-01	0.017796	4.89E-05	0.005847	3.22E-01		0.293813	0.015306	3.99E-05	0.00621	0.315369							
5135	491363.09	3864377.25	2.9517	3.78154	3.20143	4.62073		2.67E-01	0.016	6E-05	0.0107	0.29425		3.38E-01	0.020192	5.09E-05	0.006248	3.64E-01		0.332803	0.017366	4.16E-05	0.006636	0.356847							
5136	491863.09	3864377.25	2.58755	3.12227	3.15841	1.89528		2.34E-01	0.01321	5.9E-05	0.00439	0.25215		2.96E-01	0.016671	5.02E-05	0.002563	3.15E-01		0.291745	0.014339	4.1E-05	0.002722	0.308847							
5137	492363.09	3864377.25	3.57079	4.1208	4.06642	4.60881		3.24E-01	0.01743	7.6E-05	0.01067	0.35178		4.08E-01	0.022003	6.46E-05	0.006232	4.37E-01		0.402605	0.018924	5.28E-05	0.006618	0.428201							
5138	492863.09	3864377.25	3.5497	3.89901	4.08754	3.00364		3.22E-01	0.01649	7.7E-05	0.00696	0.34521		4.06E-01	0.020819	6.5E-05	0.004061	4.31E-01		0.400227	0.017906	5.31E-05	0.004313	0.4225							
5139	493363.09	3864377.25	3.36238	4.16866	3.37053	3.68819		3.05E-01	0.01764	6.3E-05	0.00854	0.33095		3.85E-01	0.022259	5.36E-05	0.004987	4.12E-01		0.379107	0.019144	4.38E-05	0.005296	0.403591							
5140	493863.09	3864377.25	3.2794	3.96323	3.32324	4.15278		2.97E-01	0.01677	6.2E-05	0.00962	0.32363		3.75E-01	0.021162	5.28E-05	0.005615	4.02E-01		0.369751	0.018201	4.31E-05	0.005964	0.393959							
5141	494363.09	3864377.25	3.30097	4.0374	3.21163	5.53344		2.99E-01	0.01708	6E-05	0.01282	0.3291		3.78E-01	0.021558	5.1E-05	0.007482	4.07E-01		0.372183	0.018541	4.17E-05	0.007946	0.398712							
5142	494863.09	3864377.25	3.09662	3.90794	3.05291	4.89912		2.81E-01	0.01653	5.7E-05	0.01135	0.30856		3.54E-01	0.020867	4.85E-05	0.006624	3.82E-01		0.349143	0.017947	3.96E-05	0.007035	0.374165							
5143	495363.09	3864377.25	2.60709	3.73214	2.73525	4.62466		2.36E-01	0.01579	5.1E-05	0.01071	0.26281		2.98E-01	0.019928	4.35E-05	0.006253	3.24E-01		0.293949	0.017139	3.55E-05	0.006641	0.317765							
5144	495863.09	3864377.25	2.34505	3.10155	2.45541	3.74327		2.13E-01	0.01312	4.6E-05	0.00867	0.23435		2.68E-01	0.016561	3.9E-05	0.005061	2.90E-01		0.264404	0.014243	3.19E-05	0.005376	0.284054							
5145	496363.09	3864377.25	2.21435	2.9399	2.48338	3.51017		2.01E-01	0.01244	4.6E-05	0.00813	0.22128		2.53E-01	0.015698	3.95E-05	0.004746	2.74E-01		0.249667	0.013501	3.22E-05	0.005041	0.268241							
5146	496863.09	3864377.25	2.03406	2.74061	2.1446	3.11666		1.84E-01	0.01159	4E-05	0.00722	0.20318		2.33E-01	0.014634	3.41E-05	0.004214	2.52E-01		0.22934	0.012586	2.78E-05	0.004476	0.246429							
5147	497363.09	3864377.25	2.08905	2.9039	2.14166	3.40877		1.89E-01	0.01228	4E-05	0.0079	0.20953		2.39E-01	0.015505	3.4E-05	0.004609	2.59E-01		0.23554	0.013336	2.78E-05	0.004895	0.253798							
5148	497863.09	3864377.25	1.99573	2.79104	2.20242	3.18756		1.81E-01	0.01181	4.1E-05	0.00738	0.20009		2.28E-01	0.014903	3.5E-05	0.00431	2.48E-01		0.225018	0.012817	2.86E-05	0.004578	0.242441							
5149	498363.09	3864377.25	1.78303	2.52443	2.01494	2.9114		1.62E-01	0.01068	3.8E-05	0.00674	0.17904		2.04E-01	0.013479	3.2E-05	0.003937	2.21E-01		0.201036	0.011593	2.62E-05	0.004181	0.216836							
5150	471363.09	3864877.25	0.79582	1.574	1.02799	1.46359		7.21E-02	0.00666	1.9E-05	0.00339	0.08219		9.10E-02	0.008404	1.63E-05	0.001979	1.01E-01		0.089728	0.007228	1.33E-05	0.002102	0.099072							
5151	471863.09	3864877.25	0.78577	1.65756	1.02493	1.46074		7.12E-02	0.00701	1.9E-05	0.00338	0.08162		8.99E-02	0.008851	1.63E-05	0.001975	1.01E-01		0.088595	0.007612	1.33E-05	0.002098	0.098318							
5152	472363.09	3864877.25	0.77713	1.75865	1.01884	1.49371		7.04E-02	0.00744	1.9E-05	0.00346	0.08134		8.89E-02	0.00939	1.62E-05	0.00202	1.00E-01		0.087621	0.008076	1.32E-05	0.002145	0.097856							
5153	472863.09	3864877.25	0.76843	1.79318	0.99593	1.44674		6.96E-02	0.00759	1.9E-05	0.00335	0.08059		8.79E-02	0.009575	1.58E-05	0.001956	9.94E-02		0.08664	0.008235	1.29E-05	0.002078	0.096966							
5154	473363.09	3864877.25	0.77643	1.69115	0.99594	1.4156		7.04E-02	0.00715	1.9E-05	0.00328	0.08081		8.88E-02	0.00903	1.58E-05	0.001914	9.98E-02		0.087542	0.007766	1.29E-05	0.002033	0.097354							
5155	473863.09	3864877.25	0.80482	1.62199	1.02263	1.40737		7.29E-02	0.00686	1.9E-05	0.00326	0.08308		9.21E-02	0.008661	1.63E-05	0.001903	1.03E-01		0.090743	0.007449	1.33E-05	0.002021	0.100226							
5156	474363.09	3864877.25	0.81113	1.53242	1.05145	1.39835		7.35E-02	0.00648	2E-05	0.00324	0.08325		9.28E-02	0.008182	1.67E-05	0.001891	1.03E-01		0.091455	0.007037	1.36E-05	0.002008	0.100514							
5157	474863.09	3864877.25	0.84025	1.64281	1.11799	1.41		7.61E-02	0.00695	2.1E-05	0.00327	0.08638		9.61E-02	0.008772	1.78E-05	0.001906	1.07E-01		0.094738	0.007544	1.45E-05	0.002025	0.104322							
5158	475363.09	3864877.25	0.85891	1.65798	1.11576	1.46228		7.78E-02	0.00701	2.1E-05	0.00339	0.08826		9.82E-02	0.008853	1.77E-05	0.001977	1.09E-01		0.096842	0.007614	1.45E-05	0.0021	0.10657							
5159	475863.09	3864877.25	0.87639	1.71112	1.13722	1.49616		7.94E-02	0.00724	2.1E-05	0.00347	0.09015		1.00E-01	0.009137	1.81E-05	0.002023	1.11E-01		0.098813	0.007858	1.48E-05	0.002149	0.108834							
5160	476363.09	3864877.25	0.91108	1.76019	1.18037	1.48385		8.26E-02	0.00745	2.2E-05	0.00344	0.09347		1.04E-01	0.009399	1.88E-05	0.002006	1.16E-01		0.102724	0.008083	1.53E-05	0.002131	0.112954							
5161	476863.09	3864877.25	0.93223	1.80808	1.22559	1.57597		8.45E-02	0.00765	2.3E-05	0.00365	0.0958		1.07E-01	0.009654	1.95E-05	0.002131	1.18E-01		0.105109	0.008303	1.59E-05	0.002263	0.115691							
5162	477363.09	3864877.25	0.94715	1.78183	1.25935	1.60395		8.58E-02	0.00754	2.4E-05	0.00372	0.09711		1.08E-01	0.009514	2E-05	0.002169	1.20E-01		0.106791	0.008183	1.63E-05	0.002303	0.117293							
5163	477863.09	3864877.25	0.94786	1.96839	1.27286	1.62515		8.59E-02	0.00833	2.4E-05	0.00376	0.09801		1.08E-01	0.01051	2.02E-05	0.002197	1.21E-01		0.106871	0.00904	1.65E-05	0.002334	0.118261							
5164	478363.09	3864877.25	0.99241	2.00296	1.31412	1.64438		8.99E-02	0.00847	2.5E-05	0.00381	0.10224		1.14E-01	0.010695	2.09E-05	0.002223	1.26E-01		0.111894	0.009198	1.71E-05	0.002361	0.123471							
5165	478863.09	3864877.25	0.98498	2.17572	1.32781	1.70477		8.93E-02	0.0092	2.5E-05	0.00395	0.10244		1.13E-01	0.011617	2.11E-05	0.002305	1.27E-01		0.111056	0.009992	1.72E-05	0.002448	0.123513							
5166	479363.09	3864877.25	1.02636	2.16313	1.35195	1.731		9.30E-02	0.00915	2.5E-05	0.00401	0.1062		1.17E-01	0.01155	2.15E-05	0.00234	1.31E-01		0.115722	0.009934	1.75E-05	0.002486	0.128159							
5167	479863.09	3864877.25	1.06491	2.31594	1.40224	1.78543		9.65E-02	0.0098	2.6E-05	0.00414	0.11046		1.22E-01	0.012366	2.23E-05	0.002414	1.37E-01		0.120068	0.010636	1.82E-05	0.002564	0.133286							
5168	480363.09	3864877.25	1.10386	2.3969	1.46423	1.87068		1.00E-01	0.01014	2.7E-05	0.00433	0.11453		1.26E-01	0.012798	2.33E-05	0.002529	1.42E-01		0.12446	0.011007	1.9E-05	0.002686	0.138173							
5169	480863.09	3864877.25	1.12543	2.38052	1.50721	1.93675		1.02E-01	0.01007	2.8E-05	0.00449	0.11657		1.29E-01	0.012711	2.4E-05	0.002619	1.44E-01		0.126892	0.010932	1.96E-05	0.002781	0.140625							
5170	481363.09	3864877.25	1.15037	2.46595	1.5388	2.01261		1.04E-01	0.01043	2.9E-05	0.00466	0.11937		1.32E-01	0.013167	2.45E-05	0.002721	1.47E-01		0.129704	0.011325	2E-05	0.00289	0.143939							
5171	481863.09	3864877.25	1.15652	2.37219	1.54104	2.01593		1.05E-01	0.01004	2.9E-05	0.00467	0.11954		1.32E-01	0.012666	2.45E-05	0.002726	1.48E-01		0.130397	0.010894	2E-05	0.002895	0.144206							
5172	482363.09	3864877.25	1.20612	2.811	1.59571	2.03934		1.09E-01	0.01189	3E-05	0.00472	0.12595		1.38E-01	0.015009	2.54E-05	0.002757	1.56E-01		0.13599	0.012909	2.07E-05	0.002929	0.151848							
5173	482863.09	3864877.25	1.26777	2.76022	1.63589	2.16033		1.15E-01	0.01168	3.1E-05	0.005	0.1316		1.45E-01	0.014738	2.6E-05	0.002921	1.63E-01		0.142941	0.012676	2.12E-05	0.003102	0.15874							
5174	483363.09	3864877.25	1.30931	2.82083	1.74828	2.30357		1.19E-01	0.01193	3.3E-05	0.00534	0.13595		1.50E-01	0.015062	2.78E-05	0.003115	1.68E-01		0.147624	0.012954	2.27E-05	0.003308	0.163909							
5175	483863.09	3864877.25	1.34879	2.77091	1.787	2.39962		1.22E-01	0.01172	3.3E-05	0.00556	0.13954		1.54E-01	0.014795	2.84E-05	0.003245	1.72E-01		0.152076	0.012725	2.32E-05	0.003446	0.16827							
5176	484363.09	3864877.25	1.37328	2.61845	1.82809	2.44124		1.24E-01	0.01108	3.4E-05	0.00565	0.14122		1.57E-01	0.013981	2.91E-05	0.003301	1.74E-01		0.154837	0.012025	2.37E-05	0.003506	0.170391							
5177	484863.09	3864877.25	1.3858	2.84865	1.81566	2.44002		1.26E-01	0.01205	3.4E-05	0.00565	0.14332		1.59E-01	0.01521	2.89E-05	0.003299	1.77E-01		0.156248	0.013082	2.36E-05	0.003504	0.172858							
5178	485363.09	3864877.25	1.41646	3.04422	1.86144	2.52465		1.28E-01	0.01288	3.5E-05	0.00585	0.14712		1.62E-01	0.016255	2.96E-05	0.003414	1.82E-01		0.159705	0.01398	2.42E-05	0.003626	0.177335							
5179	485863.09	3864877.25	1.46095	2.95762	1.89967	2.58639		1.32E-01	0.01251	3.6E-05	0.00599	0.15093		1.67E-01	0.015792	3.02E-05	0.003497	1.86E-01		0.164722	0.013582	2.47E-05	0.003714	0.182043							
5180	486363.09	3864877.25	1.56449	2.74271	2.07893	2.62697		1.42E-01	0.0116	3.9E-05	0.00608	0.1595		1.79E-01	0.014645	3.3E-05	0.003552	1.97E-01		0.176396	0.012596	2.7E-05	0.003772	0.192791							
5181	486863.09	3864877.25	1.62657	2.8085	2.03105	2.69383		1.47E-01	0.01188	3.8E-05	0.00624	0.16556		1.86E-01	0.014996	3.23E-05	0.003642	2.05E-01		0.183395	0.012898	2.64E-05	0.003868	0.200188							

5182	487363.09	3864877.25	1.68734	2.9068	2.1189	2.77351		1.53E-01	0.0123	4E-05	0.00642	0.17167		1.93E-01	0.015521	3.37E-05	0.00375	2.12E-01		0.190247	0.013349	2.75E-05	0.003983	0.207607
5183	487863.09	3864877.25	1.8061	2.69259	2.26439	2.96411		1.64E-01	0.01139	4.2E-05	0.00687	0.18197		2.07E-01	0.014377	3.6E-05	0.004008	2.25E-01		0.203637	0.012365	2.94E-05	0.004257	0.220289
5184	488363.09	3864877.25	1.92536	2.65267	2.51812	3.17003		1.74E-01	0.01122	4.7E-05	0.00734	0.19309		2.20E-01	0.014164	4E-05	0.004286	2.39E-01		0.217084	0.012182	3.27E-05	0.004552	0.233851
5185	488863.09	3864877.25	2.03712	2.79735	2.57137	3.41591		1.85E-01	0.01183	4.8E-05	0.00791	0.2044		2.33E-01	0.014937	4.09E-05	0.004619	2.53E-01		0.229685	0.012846	3.34E-05	0.004905	0.24747
5186	489363.09	3864877.25	2.06102	3.0981	2.52989	3.6261		1.87E-01	0.01311	4.7E-05	0.0084	0.20833		2.36E-01	0.016542	4.02E-05	0.004903	2.57E-01		0.232379	0.014228	3.28E-05	0.005207	0.251847
5187	489863.09	3864877.25	2.08577	3.04592	2.43704	3.66878		1.89E-01	0.01289	4.6E-05	0.0085	0.21045		2.39E-01	0.016264	3.87E-05	0.004961	2.60E-01		0.23517	0.013988	3.16E-05	0.005269	0.254458
5188	490363.09	3864877.25	2.08682	3.1833	2.50339	3.6555		1.89E-01	0.01347	4.7E-05	0.00847	0.21109		2.39E-01	0.016997	3.98E-05	0.004943	2.61E-01		0.235288	0.014619	3.25E-05	0.005249	0.255189
5189	490863.09	3864877.25	2.55781	3.14473	2.89716	4.13384		2.32E-01	0.0133	5.4E-05	0.00957	0.25473		2.93E-01	0.016791	4.6E-05	0.005589	3.15E-01		0.288392	0.014442	3.76E-05	0.005936	0.308808
5190	491363.09	3864877.25	2.57953	3.30775	2.93176	4.20463		2.34E-01	0.01399	5.5E-05	0.00974	0.25755		2.95E-01	0.017662	4.66E-05	0.005685	3.18E-01		0.290841	0.01519	3.81E-05	0.006038	0.312108
5191	491863.09	3864877.25	2.9193	3.82927	3.06487	4.62358		2.65E-01	0.0162	5.7E-05	0.01071	0.29152		3.34E-01	0.020446	4.87E-05	0.006252	3.61E-01		0.32915	0.017585	3.98E-05	0.00664	0.353415
5192	492363.09	3864877.25	1.57872	1.63115	2.00014	1.02811		1.43E-01	0.0069	3.7E-05	0.00238	0.15239		1.81E-01	0.00871	3.18E-05	0.00139	1.91E-01		0.178	0.007491	2.6E-05	0.001476	0.186993
5193	492863.09	3864877.25	2.33307	2.58496	2.67797	1.74487		2.11E-01	0.01094	5E-05	0.00404	0.22645		2.67E-01	0.013802	4.26E-05	0.002359	2.83E-01		0.263053	0.011871	3.48E-05	0.002506	0.277464
5194	493363.09	3864877.25	2.33077	2.5741	2.77862	1.70807		2.11E-01	0.01089	5.2E-05	0.00396	0.22612		2.67E-01	0.013744	4.42E-05	0.002309	2.83E-01		0.262794	0.011821	3.61E-05	0.002453	0.277104
5195	493863.09	3864877.25	3.01011	3.64124	2.9984	3.41143		2.73E-01	0.0154	5.6E-05	0.0079	0.29614		3.44E-01	0.019442	4.77E-05	0.004613	3.68E-01		0.339389	0.016722	3.89E-05	0.004899	0.361049
5196	494363.09	3864877.25	2.86736	3.61819	2.84792	3.98435		2.60E-01	0.01531	5.3E-05	0.00923	0.28443		3.28E-01	0.019319	4.53E-05	0.005387	3.53E-01		0.323294	0.016616	3.7E-05	0.005722	0.345669
5197	494863.09	3864877.25	3.02349	3.66465	2.90358	5.06805		2.74E-01	0.0155	5.4E-05	0.01174	0.30129		3.46E-01	0.019567	4.61E-05	0.006853	3.72E-01		0.340897	0.016829	3.77E-05	0.007278	0.365043
5198	495363.09	3864877.25	2.80393	3.64996	2.80397	4.44314		2.54E-01	0.01544	5.2E-05	0.01029	0.27988		3.21E-01	0.019489	4.46E-05	0.006008	3.46E-01		0.316142	0.016762	3.64E-05	0.006381	0.339321
5199	495863.09	3864877.25	2.40256	3.5229	2.50228	4.12442		2.18E-01	0.0149	4.7E-05	0.00955	0.24223		2.75E-01	0.018811	3.98E-05	0.005577	2.99E-01		0.270888	0.016178	3.25E-05	0.005923	0.293022
5200	496363.09	3864877.25	2.20889	2.9211	2.27001	3.5299		2.00E-01	0.01236	4.2E-05	0.00818	0.22075		2.53E-01	0.015597	3.61E-05	0.004773	2.73E-01		0.249052	0.013415	2.95E-05	0.005069	0.267565
5201	496863.09	3864877.25	2.2024	2.91597	2.21848	3.51259		2.00E-01	0.01234	4.2E-05	0.00814	0.2201		2.52E-01	0.01557	3.53E-05	0.004749	2.72E-01		0.24832	0.013391	2.88E-05	0.005044	0.266784
5202	497363.09	3864877.25	1.90542	2.58662	2.05684	2.87833		1.73E-01	0.01094	3.9E-05	0.00667	0.19032		2.18E-01	0.013811	3.27E-05	0.003892	2.36E-01		0.214835	0.011879	2.67E-05	0.004133	0.230874
5203	497863.09	3864877.25	1.9315	2.77418	1.95364	3.14427		1.75E-01	0.01174	3.7E-05	0.00728	0.19409		2.21E-01	0.014813	3.1E-05	0.004251	2.40E-01		0.217776	0.01274	2.54E-05	0.004515	0.235057
5204	498363.09	3864877.25	1.85463	2.63859	2.01276	3.02978		1.68E-01	0.01116	3.8E-05	0.00702	0.18629		2.12E-01	0.014089	3.2E-05	0.004097	2.30E-01		0.209109	0.012117	2.61E-05	0.004351	0.225603
5205	471363.09	3865377.25	0.73309	1.6148	0.93688	1.39598		6.64E-02	0.00683	1.8E-05	0.00323	0.07652		8.38E-02	0.008622	1.49E-05	0.001888	9.44E-02		0.082656	0.007416	1.22E-05	0.002005	0.092088
5206	471863.09	3865377.25	0.72607	1.62989	0.93191	1.36266		6.58E-02	0.0069	1.7E-05	0.00316	0.07587		8.30E-02	0.008703	1.48E-05	0.001842	9.36E-02		0.081864	0.007485	1.21E-05	0.001957	0.091318
5207	472363.09	3865377.25	0.72469	1.57405	0.94505	1.3525		6.57E-02	0.00666	1.8E-05	0.00313	0.07548		8.29E-02	0.008405	1.5E-05	0.001829	9.31E-02		0.081709	0.007229	1.23E-05	0.001942	0.090892
5208	472863.09	3865377.25	0.73037	1.52229	0.95378	1.32811		6.62E-02	0.00644	1.8E-05	0.00308	0.07572		8.35E-02	0.008128	1.52E-05	0.001796	9.35E-02		0.082349	0.006991	1.24E-05	0.001907	0.09126
5209	473363.09	3865377.25	0.75313	1.42214	0.98267	1.29951		6.83E-02	0.00602	1.8E-05	0.00301	0.07729		8.61E-02	0.007594	1.56E-05	0.001757	9.55E-02		0.084915	0.006531	1.28E-05	0.001866	0.093325
5210	473863.09	3865377.25	0.77406	1.42216	1.01499	1.31048		7.01E-02	0.00602	1.9E-05	0.00304	0.07922		8.85E-02	0.007594	1.61E-05	0.001772	9.79E-02		0.087275	0.006531	1.32E-05	0.001882	0.095701
5211	474363.09	3865377.25	0.79436	1.47665	1.06901	1.33773		7.20E-02	0.00625	2E-05	0.0031	0.08135		9.09E-02	0.007885	1.7E-05	0.001809	1.01E-01		0.089564	0.006781	1.39E-05	0.001921	0.09828
5212	474863.09	3865377.25	0.81031	1.54547	1.0669	1.40612		7.34E-02	0.00654	2E-05	0.00326	0.08325		9.27E-02	0.008252	1.7E-05	0.001901	1.03E-01		0.091362	0.007097	1.38E-05	0.002019	0.100493
5213	475363.09	3865377.25	0.82913	1.60647	1.07903	1.41895		7.51E-02	0.0068	2E-05	0.00329	0.08524		9.48E-02	0.008578	1.71E-05	0.001919	1.05E-01		0.093484	0.007378	1.4E-05	0.002038	0.102913
5214	475863.09	3865377.25	0.85776	1.56383	1.11479	1.40344		7.77E-02	0.00662	2.1E-05	0.00325	0.08762		9.81E-02	0.00835	1.77E-05	0.001898	1.08E-01		0.096712	0.007182	1.45E-05	0.002015	0.105924
5215	476363.09	3865377.25	0.88121	1.73171	1.15964	1.52961		7.99E-02	0.00733	2.2E-05	0.00354	0.09075		1.01E-01	0.009247	1.84E-05	0.002068	1.12E-01		0.099356	0.007953	1.51E-05	0.002197	0.10952
5216	476863.09	3865377.25	0.96308	1.80935	1.26855	1.46459		8.73E-02	0.00765	2.4E-05	0.00339	0.09835		1.10E-01	0.009661	2.02E-05	0.00198	1.22E-01		0.108587	0.008309	1.65E-05	0.002103	0.119016
5217	477363.09	3865377.25	0.90374	1.83096	1.21024	1.56435		8.19E-02	0.00775	2.3E-05	0.00362	0.09329		1.03E-01	0.009776	1.92E-05	0.002115	1.15E-01		0.101896	0.008408	1.57E-05	0.002246	0.112567
5218	477863.09	3865377.25	0.92747	1.91894	1.22207	1.56319		8.40E-02	0.00812	2.3E-05	0.00362	0.09581		1.06E-01	0.010246	1.94E-05	0.002114	1.18E-01		0.104572	0.008812	1.59E-05	0.002245	0.115645
5219	478363.09	3865377.25	0.93325	1.97689	1.25466	1.61235		8.46E-02	0.00836	2.3E-05	0.00373	0.09669		1.07E-01	0.010556	1.99E-05	0.00218	1.19E-01		0.105224	0.009079	1.63E-05	0.002315	0.116634
5220	478863.09	3865377.25	0.94068	1.96	1.27179	1.64328		8.52E-02	0.00829	2.4E-05	0.00381	0.09737		1.08E-01	0.010465	2.02E-05	0.002222	1.20E-01		0.106061	0.009001	1.65E-05	0.00236	0.117439
5221	479363.09	3865377.25	0.99121	2.13301	1.2917	1.67198		8.98E-02	0.00902	2.4E-05	0.00387	0.10275		1.13E-01	0.011389	2.05E-05	0.002261	1.27E-01		0.111759	0.009796	1.68E-05	0.002401	0.123972
5222	479863.09	3865377.25	1.01669	2.28667	1.35072	1.7751		9.21E-02	0.00967	2.5E-05	0.00411	0.10595		1.16E-01	0.01221	2.15E-05	0.0024	1.31E-01		0.114631	0.010501	1.75E-05	0.002549	0.127699
5223	480363.09	3865377.25	1.05617	2.19894	1.38394	1.80655		9.57E-02	0.0093	2.6E-05	0.00418	0.10923		1.21E-01	0.011741	2.2E-05	0.002443	1.35E-01		0.119083	0.010098	1.8E-05	0.002594	0.131793
5224	480863.09	3865377.25	1.06694	2.17309	1.4512	1.88279		9.67E-02	0.00919	2.7E-05	0.00436	0.11027		1.22E-01	0.011603	2.31E-05	0.002546	1.36E-01		0.120297	0.00998	1.88E-05	0.002704	0.132999
5225	481363.09	3865377.25	1.09005	2.12707	1.45158	1.916		9.88E-02	0.009	2.7E-05	0.00444	0.11225		1.25E-01	0.011358	2.31E-05	0.002591	1.39E-01		0.122903	0.009768	1.88E-05	0.002751	0.135441
5226	481863.09	3865377.25	1.09965	2.38752	1.46818	1.90258		9.97E-02	0.0101	2.7E-05	0.00441	0.11419		1.26E-01	0.012748	2.33E-05	0.002572	1.41E-01		0.123985	0.010964	1.91E-05	0.002732	0.137701
5227	482363.09	3865377.25	1.14676	2.59955	1.51003	1.9651		1.04E-01	0.011	2.8E-05	0.00455	0.1195		1.31E-01	0.01388	2.4E-05	0.002657	1.48E-01		0.129297	0.011938	1.96E-05	0.002822	0.144076
5228	482863.09	3865377.25	1.18406	2.62852	1.57936	1.99721		1.07E-01	0.01112	3E-05	0.00463	0.12308		1.35E-01	0.014035	2.51E-05	0.0027	1.52E-01		0.133502	0.012071	2.05E-05	0.002868	0.148462
5229	483363.09	3865377.25	1.24366	2.64551	1.63159	2.25114		1.13E-01	0.01119	3.1E-05	0.00521	0.12914		1.42E-01	0.014126	2.59E-05	0.003044	1.59E-01		0.140222	0.012149	2.12E-05	0.003233	0.155625
5230	483863.09	3865377.25	1.26936	2.36146	1.67091	2.25293		1.15E-01	0.00999	3.1E-05	0.00522	0.13027		1.45E-01	0.012609	2.66E-05	0.003046	1.61E-01		0.14312	0.010845	2.17E-05	0.003235	0.157222
5231	484363.09	3865377.25	1.28873	2.32838	1.7375	2.34805		1.17E-01	0.00985	3.3E-05	0.00544	0.13211		1.47E-01	0.012432	2.76E-05	0.003175	1.63E-01		0.145304	0.010693	2.26E-05	0.003372	0.159391
5232	484863.09	3865377.25	1.31896	2.64286	1.7302	2.29122		1.20E-01	0.01118	3.2E-05	0.00531	0.13605		1.51E-01	0.014112	2.75E-05	0.003098	1.68E-01		0.148712	0.012137	2.25E-05	0.00329	0.164162
5233	485363.09	3865377.25	1.33432	2.82159	1.76404	2.32236		1.21E-01	0.01194	3.3E-05	0.00538	0.13827		1.53E-01	0.015066	2.8E-05	0.00314	1.71E-01		0.150444	0.012958	2.29E-05	0.003335	0.16676
5234	485863.09	3865377.25	1.37254	2.68588	1.79163	2.43086		1.24E-01	0.01136	3.4E-05	0.00563	0.14141		1.57E-01	0.014341	2.85E-05	0.003287	1.75E-01		0.154753	0.012335	2.33E-05	0.003491	0.170602
5235	486363.09	3865377.25	1.48264	2.46814	1.93684	2.45054		1.34E-01	0.01044	3.6E-05	0.00568	0.15051		1.70E-01	0.013179	3.08E-05	0.003313	1.86E-01		0.167167	0.011335	2.51E-05	0.003519	0.182046
5236	486863.09	3865377.25	1.52003	2.62601	1.8987	2.55775		1.38E-01	0.01111	3.6E-05	0.00592	0.15482		1.74E-01	0.014022	3.02E-05	0.003458	1.91E-01		0.171383	0.01206	2.46E-05	0.003673	0.18714
5237	487363.09	3865377.25	1.58519	2.70638	1.96515	2.62983		1.44E-01	0.01145	3.7E-05	0.00609	0.16123		1.81E-01	0.014451	3.12E-05	0.003556	1.99E-01		0.17873	0.012429	2.55E-05	0.003777	0.19496
5238	487863.09	3865377.25	1.61247	2.46546	2.10154	2.7957		1.46E-01	0.01043	3.9E-05	0.00648	0.16307		1.84E-01	0.013164	3.34E-05	0.00378	2.01E-01		0.181805	0.011322	2.73E-05	0.004015	0.19717
5239	488363.09	3865377.25	1.76983	2.59678	2.30095	2.95092		1.60E-01	0.01099	4.3E-05	0.00683	0.17825		2.02E-01	0.013866	3.66E-05	0.00399	2.20E-01		0.199548	0.011925	2.99E-05	0.004238	0.215741
5240	488863.09	3865377.25	1.92816	2.50887	2.43273	3.1985		1.75E-01	0.01061	4.6E-05	0.00741	0.1928		2.21E-01	0.013396	3.87E-05	0.004325	2.38E-01		0.217399	0.011522	3.16E-05	0.004593	0.233546
5241	489363.09	3865377.25	1.94036	2.75974	2.36388	3.42761		1.76E-01	0.01168	4.4E-05	0.00794	0.1955		2.22E-01	0.014736	3.76E-05	0.004635	2.41E-01		0.218775	0.012674	3.07E-05	0.004922	0.236402
5242	489863.09	3865377.25	1.98047	2.76974	2.41902	3.38352		1.79E-01	0.01172	4.5E-05	0.00784	0.19907		2.27E-01	0.014789	3.84E-05	0.004575	2.46E-01		0.223297	0.01272	3.14E-05	0.004859	0.240907

5243	490363.09	3865377.25	2.09365	2.9854	2.39488	3.56386	1.90E-01	0.01263	4.5E-05	0.00825	0.21066	2.39E-01	0.015941	3.81E-05	0.004819	2.60E-01	0.236058	0.01371	3.11E-05	0.005118	0.254917
5244	490863.09	3865377.25	2.28904	3.11014	2.5393	3.65697	2.07E-01	0.01316	4.8E-05	0.00847	0.22911	2.62E-01	0.016607	4.04E-05	0.004945	2.83E-01	0.258088	0.014283	3.3E-05	0.005252	0.277656
5245	491363.09	3865377.25	2.47869	3.05662	2.81092	3.92808	2.25E-01	0.01293	5.3E-05	0.0091	0.24671	2.84E-01	0.016321	4.47E-05	0.005311	3.05E-01	0.279471	0.014037	3.65E-05	0.005641	0.299186
5246	491863.09	3865377.25	2.66566	3.32707	2.78769	4.1109	2.42E-01	0.01408	5.2E-05	0.00952	0.26522	3.05E-01	0.017765	4.43E-05	0.005558	3.28E-01	0.300552	0.015279	3.62E-05	0.005903	0.321771
5247	492363.09	3865377.25	2.97225	3.46117	3.06215	3.33425	2.69E-01	0.01464	5.7E-05	0.00772	0.29177	3.40E-01	0.018481	4.87E-05	0.004508	3.63E-01	0.33512	0.015895	3.97E-05	0.004788	0.355843
5248	492863.09	3865377.25	2.75106	3.04094	3.15772	2.09903	2.49E-01	0.01286	5.9E-05	0.00486	0.26709	3.15E-01	0.016237	5.02E-05	0.002838	3.34E-01	0.310181	0.013965	4.1E-05	0.003014	0.327202
5249	493363.09	3865377.25	2.13331	2.28693	2.54416	1.64886	1.93E-01	0.00967	4.8E-05	0.00382	0.20687	2.44E-01	0.012211	4.04E-05	0.002229	2.58E-01	0.24053	0.010502	3.3E-05	0.002368	0.253433
5250	493863.09	3865377.25	3.10506	3.6676	3.47346	2.87388	2.81E-01	0.01552	6.5E-05	0.00666	0.30362	3.55E-01	0.019583	5.52E-05	0.003886	3.79E-01	0.350094	0.016843	4.51E-05	0.004127	0.37111
5251	494363.09	3865377.25	2.70596	3.28374	2.64706	3.17999	2.45E-01	0.01389	5E-05	0.00737	0.26653	3.10E-01	0.017534	4.21E-05	0.0043	3.31E-01	0.305096	0.01508	3.44E-05	0.004567	0.324777
5252	494863.09	3865377.25	2.6772	3.29036	2.70146	3.65916	2.43E-01	0.01392	5.1E-05	0.00848	0.26506	3.06E-01	0.017569	4.29E-05	0.004948	3.29E-01	0.301853	0.015111	3.51E-05	0.005255	0.322254
5253	495363.09	3865377.25	2.82811	3.35967	2.68617	4.76821	2.56E-01	0.01421	5E-05	0.01104	0.2816	3.23E-01	0.017939	4.27E-05	0.006447	3.48E-01	0.318868	0.015429	3.49E-05	0.006847	0.34118
5254	495863.09	3865377.25	2.52342	3.4254	2.53105	4.06401	2.29E-01	0.01449	4.7E-05	0.00941	0.25263	2.89E-01	0.01829	4.02E-05	0.005495	3.12E-01	0.284515	0.015731	3.29E-05	0.005836	0.306114
5255	496363.09	3865377.25	2.30597	3.3249	2.36123	4.14011	2.09E-01	0.01407	4.4E-05	0.00959	0.23267	2.64E-01	0.017753	3.75E-05	0.005598	2.87E-01	0.259997	0.015269	3.06E-05	0.005945	0.281243
5256	496863.09	3865377.25	2.09892	2.79467	2.20182	3.41276	1.90E-01	0.01182	4.1E-05	0.0079	0.20998	2.40E-01	0.014922	3.5E-05	0.004614	2.60E-01	0.236653	0.012834	2.86E-05	0.004901	0.254416
5257	497363.09	3865377.25	1.99348	2.61963	2.02453	3.27076	1.81E-01	0.01108	3.8E-05	0.00758	0.19935	2.28E-01	0.013988	3.22E-05	0.004422	2.46E-01	0.224764	0.01203	2.63E-05	0.004697	0.241518
5258	497863.09	3865377.25	1.75914	2.34822	1.88633	2.89773	1.59E-01	0.00993	3.5E-05	0.00671	0.1761	2.01E-01	0.012538	3E-05	0.003918	2.18E-01	0.198342	0.010784	2.45E-05	0.004161	0.213312
5259	498363.09	3865377.25	1.77438	2.38004	1.81864	2.8266	1.61E-01	0.01007	3.4E-05	0.00655	0.17745	2.03E-01	0.012708	2.89E-05	0.003822	2.20E-01	0.200061	0.01093	2.36E-05	0.004059	0.215074
5260	471363.09	3865877.25	0.67491	1.38266	0.87152	1.27161	6.12E-02	0.00585	1.6E-05	0.00295	0.06997	7.72E-02	0.007383	1.39E-05	0.001719	8.63E-02	0.076096	0.00635	1.13E-05	0.001826	0.084283
5261	471863.09	3865877.25	0.66857	1.46161	0.87483	1.23328	6.06E-02	0.00618	1.6E-05	0.00286	0.06964	7.65E-02	0.007804	1.39E-05	0.001668	8.60E-02	0.075381	0.006712	1.14E-05	0.001771	0.083876
5262	472363.09	3865877.25	0.69712	1.3501	0.91253	1.2661	6.32E-02	0.00571	1.7E-05	0.00293	0.07184	7.97E-02	0.007209	1.45E-05	0.001712	8.87E-02	0.0786	0.0062	1.18E-05	0.001818	0.08663
5263	472863.09	3865877.25	0.71201	1.30847	0.93465	1.21929	6.45E-02	0.00554	1.7E-05	0.00282	0.0729	8.14E-02	0.006987	1.49E-05	0.001649	9.01E-02	0.080279	0.006009	1.21E-05	0.001751	0.088051
5264	473363.09	3865877.25	0.74182	1.32963	0.98006	1.22754	6.72E-02	0.00563	1.8E-05	0.00284	0.07571	8.48E-02	0.0071	1.56E-05	0.00166	9.36E-02	0.08364	0.006106	1.27E-05	0.001763	0.091522
5265	473863.09	3865877.25	0.75838	1.38611	0.98699	1.30111	6.87E-02	0.00586	1.8E-05	0.00301	0.07762	8.67E-02	0.007401	1.57E-05	0.001759	9.59E-02	0.085507	0.006366	1.28E-05	0.001868	0.093754
5266	474363.09	3865877.25	0.76425	1.41845	1.00899	1.33732	6.93E-02	0.006	1.9E-05	0.0031	0.07838	8.74E-02	0.007574	1.6E-05	0.001808	9.68E-02	0.086169	0.006514	1.31E-05	0.00192	0.094617
5267	474863.09	3865877.25	0.79345	1.53578	1.016	1.35451	7.19E-02	0.0065	1.9E-05	0.00314	0.08156	9.08E-02	0.0082	1.61E-05	0.001831	1.01E-01	0.089461	0.007053	1.32E-05	0.001945	0.098472
5268	475363.09	3865877.25	0.80901	1.48035	1.03945	1.35159	7.33E-02	0.00626	1.9E-05	0.00313	0.08273	9.25E-02	0.007904	1.65E-05	0.001827	1.02E-01	0.091216	0.006798	1.35E-05	0.001941	0.099968
5269	475863.09	3865877.25	0.8187	1.53749	1.06912	1.40315	7.42E-02	0.0065	2E-05	0.00325	0.08397	9.36E-02	0.008209	1.7E-05	0.001897	1.04E-01	0.092308	0.007061	1.39E-05	0.002015	0.101398
5270	476363.09	3865877.25	0.8555	1.61228	1.13364	1.4595	7.75E-02	0.00682	2.1E-05	0.00338	0.08775	9.79E-02	0.008609	1.8E-05	0.001973	1.08E-01	0.096457	0.007404	1.47E-05	0.002096	0.105972
5271	476863.09	3865877.25	0.93476	1.73582	1.2147	1.41789	8.47E-02	0.00734	2.3E-05	0.00328	0.09536	1.07E-01	0.009268	1.93E-05	0.001917	1.18E-01	0.105394	0.007972	1.58E-05	0.002036	0.115417
5272	477363.09	3865877.25	0.88551	1.8153	1.17682	1.49763	8.02E-02	0.00768	2.2E-05	0.00347	0.09142	1.01E-01	0.009693	1.87E-05	0.002025	1.13E-01	0.099841	0.008337	1.53E-05	0.002151	0.110343
5273	477863.09	3865877.25	0.88096	1.8275	1.19153	1.50536	7.98E-02	0.00773	2.2E-05	0.00349	0.09107	1.01E-01	0.009758	1.89E-05	0.002035	1.13E-01	0.099328	0.008393	1.55E-05	0.002162	0.109898
5274	478363.09	3865877.25	0.8935	1.81779	1.18679	1.54101	8.10E-02	0.00769	2.2E-05	0.00357	0.09225	1.02E-01	0.009706	1.89E-05	0.002084	1.14E-01	0.100742	0.008348	1.54E-05	0.002213	0.111318
5275	478863.09	3865877.25	0.91959	1.95514	1.19655	1.5765	8.33E-02	0.00827	2.2E-05	0.00365	0.09528	1.05E-01	0.01044	1.9E-05	0.002132	1.18E-01	0.103683	0.008979	1.55E-05	0.002264	0.114942
5276	479363.09	3865877.25	0.95918	2.1335	1.25806	1.64229	8.69E-02	0.00903	2.4E-05	0.0038	0.09978	1.10E-01	0.011392	2E-05	0.002221	1.23E-01	0.108147	0.009798	1.63E-05	0.002358	0.12032
5277	479863.09	3865877.25	0.97876	2.07945	1.29936	1.68776	8.87E-02	0.0088	2.4E-05	0.00391	0.10143	1.12E-01	0.011103	2.07E-05	0.002282	1.25E-01	0.110355	0.00955	1.69E-05	0.002424	0.122345
5278	480363.09	3865877.25	1.0105	1.96277	1.34696	1.74684	9.16E-02	0.0083	2.5E-05	0.00405	0.10395	1.16E-01	0.01048	2.14E-05	0.002362	1.28E-01	0.113934	0.009014	1.75E-05	0.002509	0.125473
5279	480863.09	3865877.25	1.03076	1.91537	1.35617	1.83092	9.34E-02	0.0081	2.5E-05	0.00424	0.10578	1.18E-01	0.010227	2.16E-05	0.002476	1.31E-01	0.116218	0.008796	1.76E-05	0.002629	0.127661
5280	481363.09	3865877.25	1.02865	2.07483	1.36722	1.83267	9.32E-02	0.00878	2.6E-05	0.00424	0.10627	1.18E-01	0.011079	2.17E-05	0.002478	1.31E-01	0.11598	0.009528	1.77E-05	0.002632	0.128158
5281	481863.09	3865877.25	1.05767	2.39716	1.40559	1.84794	9.58E-02	0.01014	2.6E-05	0.00428	0.1103	1.21E-01	0.0128	2.23E-05	0.002499	1.36E-01	0.119252	0.011009	1.82E-05	0.002654	0.132933
5282	482363.09	3865877.25	1.09173	2.41277	1.41153	1.87317	9.89E-02	0.01021	2.6E-05	0.00434	0.11351	1.25E-01	0.012883	2.24E-05	0.002533	1.40E-01	0.123092	0.01108	1.83E-05	0.00269	0.136881
5283	482863.09	3865877.25	1.14605	2.5583	1.52584	1.90914	1.04E-01	0.01082	2.9E-05	0.00442	0.11913	1.31E-01	0.01366	2.43E-05	0.002581	1.47E-01	0.129217	0.011749	1.98E-05	0.002742	0.143727
5284	483363.09	3865877.25	1.1686	2.38019	1.53229	2.16821	1.06E-01	0.01007	2.9E-05	0.00502	0.12102	1.34E-01	0.012709	2.44E-05	0.002932	1.49E-01	0.131759	0.010931	1.99E-05	0.003114	0.145824
5285	483863.09	3865877.25	1.20222	2.21132	1.60215	2.15419	1.09E-01	0.00936	3E-05	0.00499	0.12332	1.38E-01	0.011807	2.55E-05	0.002913	1.52E-01	0.13555	0.010155	2.08E-05	0.003094	0.148819
5286	484363.09	3865877.25	1.22971	2.32157	1.66106	2.22233	1.11E-01	0.00982	3.1E-05	0.00515	0.12644	1.41E-01	0.012396	2.64E-05	0.003005	1.56E-01	0.138649	0.010662	2.16E-05	0.003191	0.152524
5287	484863.09	3865877.25	1.24057	2.5297	1.64613	2.17775	1.12E-01	0.0107	3.1E-05	0.00504	0.1282	1.42E-01	0.013507	2.62E-05	0.002945	1.58E-01	0.139874	0.011617	2.14E-05	0.003127	0.15464
5288	485363.09	3865877.25	1.25945	2.59726	1.66128	2.16737	1.14E-01	0.01099	3.1E-05	0.00502	0.13017	1.44E-01	0.013868	2.64E-05	0.002931	1.61E-01	0.142003	0.011928	2.16E-05	0.003112	0.157064
5289	485863.09	3865877.25	1.29776	2.54527	1.70366	2.26601	1.18E-01	0.01077	3.2E-05	0.00525	0.13365	1.48E-01	0.013591	2.71E-05	0.003064	1.65E-01	0.146322	0.011689	2.21E-05	0.003254	0.161287
5290	486363.09	3865877.25	1.39809	2.26829	1.80337	2.2654	1.27E-01	0.0096	3.4E-05	0.00525	0.14157	1.60E-01	0.012112	2.87E-05	0.003063	1.75E-01	0.157634	0.010417	2.34E-05	0.003253	0.171328
5291	486863.09	3865877.25	1.43759	2.44898	1.80353	2.42033	1.30E-01	0.01036	3.4E-05	0.00561	0.14628	1.64E-01	0.013076	2.87E-05	0.003273	1.81E-01	0.162088	0.011247	2.34E-05	0.003476	0.176834
5292	487363.09	3865877.25	1.46701	2.52491	1.86442	2.4802	1.33E-01	0.01068	3.5E-05	0.00574	0.1494	1.68E-01	0.013482	2.96E-05	0.003353	1.85E-01	0.165405	0.011595	2.42E-05	0.003562	0.180586
5293	487863.09	3865877.25	1.52019	2.32319	1.93492	2.60442	1.38E-01	0.00983	3.6E-05	0.00603	0.15366	1.74E-01	0.012405	3.08E-05	0.003521	1.90E-01	0.171401	0.010669	2.51E-05	0.00374	0.185835
5294	488363.09	3865877.25	1.62656	2.38338	2.13474	2.69958	1.47E-01	0.01008	4E-05	0.00625	0.16378	1.86E-01	0.012726	3.39E-05	0.00365	2.02E-01	0.183394	0.010945	2.77E-05	0.003877	0.198244
5295	488863.09	3865877.25	1.78427	2.34757	2.25031	2.9505	1.62E-01	0.00993	4.2E-05	0.00683	0.1785	2.04E-01	0.012535	3.58E-05	0.003989	2.21E-01	0.201176	0.010781	2.92E-05	0.004237	0.216223
5296	489363.09	3865877.25	1.84453	2.45095	2.2687	3.2034	1.67E-01	0.01037	4.2E-05	0.00742	0.18499	2.11E-01	0.013087	3.61E-05	0.004331	2.28E-01	0.20797	0.011256	2.94E-05	0.0046	0.223855
5297	489863.09	3865877.25	1.85823	2.60298	2.2443	3.29583	1.68E-01	0.01101	4.2E-05	0.00763	0.18708	2.13E-01	0.013899	3.57E-05	0.004456	2.31E-01	0.209515	0.011954	2.91E-05	0.004733	0.226231
5298	490363.09	3865877.25	1.88297	2.76047	2.14826	3.19562	1.71E-01	0.01168	4E-05	0.0074	0.18976	2.15E-01	0.01474	3.41E-05	0.004321	2.34E-01	0.212304	0.012677	2.79E-05	0.004589	0.229598
5299	490863.09	3865877.25	1.9401	2.79095	2.24234	3.36201	1.76E-01	0.01181	4.2E-05	0.00779	0.19545	2.22E-01	0.014902	3.56E-05	0.004546	2.41E-01	0.218746	0.012817	2.91E-05	0.004828	0.23642
5300	491363.09	3865877.25	2.41787	2.82242	2.60733	3.47415	2.19E-01	0.01194	4.9E-05	0.00805	0.23915	2.77E-01	0.01507	4.14E-05	0.004697	2.96E-01	0.272614	0.012962	3.38E-05	0.004989	0.290599
5301	491863.09	3865877.25	2.68802	2.88019	2.90944	3.68038	2.44E-01	0.01218	5.4E-05	0.00852	0.26436	3.07E-01	0.015379	4.62E-05	0.004976	3.28E-01	0.303073	0.013227	3.78E-05	0.005285	0.321623
5302	492363.09	3865877.25	2.95455	3.24139	3.05125	3.51974	2.68E-01	0.01371	5.7E-05	0.00815	0.28967	3.38E-01	0.017307	4.85E-05	0.004759	3.60E-01	0.333125	0.014886	3.96E-05	0.005055	0.353104
5303	492863.09	3865877.25	2.38281	2.83041	2.46199	2.17569	2.16E-01	0.01197	4.6E-05	0.00504	0.23299	2.73E-01	0.015113	3.91E-05	0.002942	2.91E-01	0.268661	0.012998	3.2E-05	0.003124	0.284816

5304	493363.09	3865877.25	2.75462	2.80741	3.15609	2.27763	2.50E-01	0.01188	5.9E-05	0.00528	0.26684	3.15E-01	0.01499	5.02E-05	0.00308	3.33E-01	0.310582	0.012893	4.1E-05	0.003271	0.326787
5305	493863.09	3865877.25	2.90346	3.32846	3.41174	2.71184	2.63E-01	0.01408	6.4E-05	0.00628	0.28354	3.32E-01	0.017772	5.42E-05	0.003667	3.54E-01	0.327364	0.015286	4.43E-05	0.003894	0.346588
5306	494363.09	3865877.25	2.92833	3.57584	3.09144	3.66506	2.65E-01	0.01513	5.8E-05	0.00849	0.28905	3.35E-01	0.019093	4.91E-05	0.004956	3.59E-01	0.330168	0.016422	4.01E-05	0.005263	0.351893
5307	494863.09	3865877.25	2.214	2.9126	2.1519	3.14557	2.01E-01	0.01232	4E-05	0.00729	0.22029	2.53E-01	0.015552	3.42E-05	0.004253	2.73E-01	0.249628	0.013376	2.79E-05	0.004517	0.267549
5308	495363.09	3865877.25	2.33125	2.95924	2.32801	3.4965	2.11E-01	0.01252	4.4E-05	0.0081	0.23192	2.67E-01	0.015801	3.7E-05	0.004728	2.87E-01	0.262848	0.01359	3.02E-05	0.005021	0.281489
5309	495863.09	3865877.25	2.65205	3.09138	2.54111	4.50071	2.40E-01	0.01308	4.8E-05	0.01042	0.26388	3.03E-01	0.016506	4.04E-05	0.006085	3.26E-01	0.299018	0.014197	3.3E-05	0.006463	0.319711
5310	496363.09	3865877.25	2.55718	3.28976	2.50127	3.77282	2.32E-01	0.01392	4.7E-05	0.00874	0.25444	2.92E-01	0.017566	3.98E-05	0.005101	3.15E-01	0.288321	0.015108	3.25E-05	0.005418	0.308879
5311	496863.09	3865877.25	2.62318	3.52222	2.73353	3.7539	2.38E-01	0.0149	5.1E-05	0.00869	0.26136	3.00E-01	0.018807	4.34E-05	0.005076	3.24E-01	0.295763	0.016175	3.55E-05	0.005391	0.317364
5312	497363.09	3865877.25	2.07624	2.65984	2.04514	3.3223	1.88E-01	0.01125	3.8E-05	0.0077	0.20714	2.37E-01	0.014202	3.25E-05	0.004492	2.56E-01	0.234095	0.012215	2.65E-05	0.004771	0.251108
5313	497863.09	3865877.25	1.86953	2.41033	1.86828	3.03395	1.69E-01	0.0102	3.5E-05	0.00703	0.18668	2.14E-01	0.01287	2.97E-05	0.004102	2.31E-01	0.210789	0.011069	2.43E-05	0.004357	0.226239
5314	498363.09	3865877.25	1.90862	2.47035	1.9973	2.84101	1.73E-01	0.01045	3.7E-05	0.00658	0.19003	2.18E-01	0.01319	3.17E-05	0.003841	2.35E-01	0.215196	0.011345	2.59E-05	0.00408	0.230647
5315	471363.09	3866377.25	0.64506	1.30806	0.83964	1.1658	5.85E-02	0.00553	1.6E-05	0.0027	0.06671	7.38E-02	0.006984	1.33E-05	0.001576	8.24E-02	0.07273	0.006007	1.09E-05	0.001674	0.080422
5316	471863.09	3866377.25	0.6688	1.20628	0.86757	1.1733	6.06E-02	0.0051	1.6E-05	0.00272	0.06845	7.65E-02	0.006441	1.38E-05	0.001586	8.45E-02	0.075407	0.00554	1.13E-05	0.001685	0.082643
5317	472363.09	3866377.25	0.69088	1.23864	0.89918	1.13859	6.26E-02	0.00524	1.7E-05	0.00264	0.0705	7.90E-02	0.006614	1.43E-05	0.001539	8.72E-02	0.077896	0.005688	1.17E-05	0.001635	0.085232
5318	472863.09	3866377.25	0.71419	1.17476	0.92377	1.20718	6.47E-02	0.00497	1.7E-05	0.0028	0.0725	8.17E-02	0.006273	1.47E-05	0.001632	8.96E-02	0.080525	0.005395	1.2E-05	0.001734	0.087665
5319	473363.09	3866377.25	0.72225	1.30417	0.93563	1.24139	6.55E-02	0.00552	1.8E-05	0.00288	0.07386	8.26E-02	0.006964	1.49E-05	0.001678	9.13E-02	0.081433	0.005989	1.21E-05	0.001783	0.089218
5320	473863.09	3866377.25	0.7251	1.29694	0.95492	1.2999	6.57E-02	0.00549	1.8E-05	0.00301	0.07423	8.29E-02	0.006925	1.52E-05	0.001758	9.16E-02	0.081755	0.005956	1.24E-05	0.001867	0.08959
5321	474363.09	3866377.25	0.75633	1.40621	0.94676	1.30597	6.85E-02	0.00595	1.8E-05	0.00302	0.07753	8.65E-02	0.007508	1.5E-05	0.001766	9.58E-02	0.085276	0.006458	1.23E-05	0.001875	0.093622
5322	474863.09	3866377.25	0.76206	1.42959	0.97908	1.31054	6.91E-02	0.00605	1.8E-05	0.00304	0.07816	8.72E-02	0.007633	1.56E-05	0.001772	9.66E-02	0.085922	0.006565	1.27E-05	0.001882	0.094382
5323	475363.09	3866377.25	0.77006	1.40756	1.00362	1.34493	6.98E-02	0.00595	1.9E-05	0.00312	0.07887	8.81E-02	0.007516	1.6E-05	0.001818	9.74E-02	0.086824	0.006464	1.3E-05	0.001931	0.095232
5324	475863.09	3866377.25	0.7906	1.47359	1.0331	1.38983	7.16E-02	0.00623	1.9E-05	0.00322	0.08112	9.04E-02	0.007868	1.64E-05	0.001879	1.00E-01	0.08914	0.006767	1.34E-05	0.001996	0.097916
5325	476363.09	3866377.25	0.82383	1.45889	1.054	1.41919	7.47E-02	0.00617	2E-05	0.00329	0.08414	9.42E-02	0.00779	1.68E-05	0.001919	1.04E-01	0.092887	0.0067	1.37E-05	0.002038	0.101638
5326	476863.09	3866377.25	0.94665	1.94086	1.26416	1.32126	8.58E-02	0.00821	2.4E-05	0.00306	0.09708	1.08E-01	0.010363	2.01E-05	0.001786	1.20E-01	0.106734	0.008913	1.64E-05	0.001897	0.117561
5327	477363.09	3866377.25	0.85908	1.66212	1.14634	1.44053	7.79E-02	0.00703	2.1E-05	0.00334	0.08824	9.83E-02	0.008875	1.82E-05	0.001948	1.09E-01	0.096861	0.007633	1.49E-05	0.002069	0.106578
5328	477863.09	3866377.25	0.85142	1.67862	1.13553	1.45419	7.72E-02	0.0071	2.1E-05	0.00337	0.08765	9.74E-02	0.008963	1.8E-05	0.001966	1.08E-01	0.095997	0.007709	1.47E-05	0.002088	0.105809
5329	478363.09	3866377.25	0.86316	1.75469	1.13044	1.49053	7.82E-02	0.00742	2.1E-05	0.00345	0.08912	9.87E-02	0.009369	1.8E-05	0.002015	1.10E-01	0.097321	0.008058	1.47E-05	0.00214	0.107534
5330	478863.09	3866377.25	0.8933	1.9079	1.16995	1.53112	8.10E-02	0.00807	2.2E-05	0.00355	0.09259	1.02E-01	0.010187	1.86E-05	0.00207	1.14E-01	0.100719	0.008762	1.52E-05	0.002199	0.111695
5331	479363.09	3866377.25	0.92181	2.01069	1.23532	1.60045	8.35E-02	0.00851	2.3E-05	0.00371	0.09577	1.05E-01	0.010736	1.96E-05	0.002164	1.18E-01	0.103934	0.009234	1.6E-05	0.002298	0.115482
5332	479863.09	3866377.25	0.95184	1.8711	1.26345	1.63806	8.63E-02	0.00792	2.4E-05	0.00379	0.09799	1.09E-01	0.009991	2.01E-05	0.002215	1.21E-01	0.10732	0.008593	1.64E-05	0.002352	0.118281
5333	480363.09	3866377.25	0.97836	1.7214	1.31691	1.72755	8.87E-02	0.00728	2.5E-05	0.004	0.09997	1.12E-01	0.009191	2.09E-05	0.002336	1.23E-01	0.11031	0.007905	1.71E-05	0.002481	0.120713
5334	480863.09	3866377.25	0.98654	1.86065	1.30787	1.75977	8.94E-02	0.00787	2.4E-05	0.00408	0.10137	1.13E-01	0.009935	2.08E-05	0.002379	1.25E-01	0.111232	0.008545	1.7E-05	0.002527	0.122321
5335	481363.09	3866377.25	0.99123	2.03954	1.31569	1.7468	8.98E-02	0.00863	2.5E-05	0.00405	0.10253	1.13E-01	0.01089	2.09E-05	0.002362	1.27E-01	0.111761	0.009366	1.71E-05	0.002508	0.123653
5336	481863.09	3866377.25	1.02337	2.25832	1.3293	1.78809	9.27E-02	0.00955	2.5E-05	0.00414	0.10646	1.17E-01	0.012058	2.11E-05	0.002418	1.32E-01	0.115385	0.010371	1.73E-05	0.002568	0.128341
5337	482363.09	3866377.25	1.03471	2.2767	1.33265	1.80611	9.38E-02	0.00963	2.5E-05	0.00418	0.10761	1.18E-01	0.012156	2.12E-05	0.002442	1.33E-01	0.116663	0.010455	1.73E-05	0.002594	0.12973
5338	482863.09	3866377.25	1.10271	2.34197	1.47302	1.90707	9.99E-02	0.00991	2.8E-05	0.00442	0.11428	1.26E-01	0.012505	2.34E-05	0.002579	1.41E-01	0.12433	0.010755	1.91E-05	0.002739	0.137843
5339	483363.09	3866377.25	1.1118	2.12068	1.47042	2.04364	1.01E-01	0.00897	2.8E-05	0.00473	0.11449	1.27E-01	0.011323	2.34E-05	0.002763	1.41E-01	0.125355	0.009739	1.91E-05	0.002935	0.138048
5340	483863.09	3866377.25	1.14989	1.95191	1.53026	2.06141	1.04E-01	0.00826	2.9E-05	0.00477	0.11727	1.32E-01	0.010422	2.43E-05	0.002787	1.45E-01	0.12965	0.008964	1.99E-05	0.00296	0.141594
5341	484363.09	3866377.25	1.16386	2.29521	1.57833	2.12663	1.05E-01	0.00971	3E-05	0.00493	0.12014	1.33E-01	0.012255	2.51E-05	0.002875	1.48E-01	0.131225	0.01054	2.05E-05	0.003054	0.14484
5342	484863.09	3866377.25	1.1816	2.36327	1.5322	2.07021	1.07E-01	0.01	2.9E-05	0.00479	0.1219	1.35E-01	0.012619	2.44E-05	0.002799	1.51E-01	0.133225	0.010853	1.99E-05	0.002973	0.147071
5343	485363.09	3866377.25	1.19339	2.36468	1.59135	2.05498	1.08E-01	0.01	3E-05	0.00476	0.12294	1.36E-01	0.012626	2.53E-05	0.002779	1.52E-01	0.134554	0.010859	2.07E-05	0.002951	0.148386
5344	485863.09	3866377.25	1.22719	2.30362	1.6123	2.13853	1.11E-01	0.00975	3E-05	0.00495	0.12594	1.40E-01	0.0123	2.56E-05	0.002892	1.56E-01	0.138365	0.010579	2.09E-05	0.003071	0.152036
5345	486363.09	3866377.25	1.32077	2.12349	1.6828	2.10809	1.20E-01	0.00898	3.2E-05	0.00488	0.13359	1.51E-01	0.011338	2.67E-05	0.00285	1.65E-01	0.148916	0.009752	2.18E-05	0.003027	0.161717
5346	486863.09	3866377.25	1.37554	2.2471	1.72366	2.31263	1.25E-01	0.00951	3.2E-05	0.00536	0.13955	1.57E-01	0.011998	2.74E-05	0.003127	1.72E-01	0.155092	0.01032	2.24E-05	0.003321	0.168755
5347	487363.09	3866377.25	1.42036	2.45988	1.74557	2.382	1.29E-01	0.01041	3.3E-05	0.00552	0.14467	1.62E-01	0.013135	2.77E-05	0.003221	1.79E-01	0.160145	0.011297	2.27E-05	0.003421	0.174885
5348	487863.09	3866377.25	1.48815	2.28547	1.87441	2.45394	1.35E-01	0.00967	3.5E-05	0.00568	0.15025	1.70E-01	0.012203	2.98E-05	0.003318	1.86E-01	0.167788	0.010496	2.43E-05	0.003524	0.181832
5349	488363.09	3866377.25	1.60138	2.28506	2.02652	2.50864	1.45E-01	0.00967	3.8E-05	0.00581	0.16064	1.83E-01	0.012201	3.22E-05	0.003392	1.99E-01	0.180555	0.010494	2.63E-05	0.003603	0.194678
5350	488863.09	3866377.25	1.72385	2.29933	2.27554	2.88232	1.56E-01	0.00973	4.3E-05	0.00668	0.17266	1.97E-01	0.012277	3.62E-05	0.003897	2.13E-01	0.194363	0.010559	2.95E-05	0.004139	0.209092
5351	489363.09	3866377.25	1.80064	2.42054	2.24401	3.00974	1.63E-01	0.01024	4.2E-05	0.00697	0.18043	2.06E-01	0.012925	3.57E-05	0.004069	2.23E-01	0.203022	0.011116	2.91E-05	0.004322	0.218489
5352	489863.09	3866377.25	1.87148	2.73327	2.116	3.10961	1.70E-01	0.01156	4E-05	0.0072	0.1884	2.14E-01	0.014594	3.36E-05	0.004205	2.33E-01	0.211009	0.012552	2.75E-05	0.004466	0.228054
5353	490363.09	3866377.25	1.83493	2.45842	2.1668	3.04133	1.66E-01	0.0104	4.1E-05	0.00704	0.18377	2.10E-01	0.013127	3.44E-05	0.004112	2.27E-01	0.206888	0.01129	2.81E-05	0.004368	0.222573
5354	490863.09	3866377.25	1.76193	2.55972	2.03925	2.94565	1.60E-01	0.01083	3.8E-05	0.00682	0.17736	2.02E-01	0.013668	3.24E-05	0.003983	2.19E-01	0.198657	0.011755	2.65E-05	0.00423	0.214669
5355	491363.09	3866377.25	1.89107	2.60623	2.12945	3.15705	1.71E-01	0.01103	4E-05	0.00731	0.18975	2.16E-01	0.013916	3.38E-05	0.004269	2.35E-01	0.213217	0.011969	2.76E-05	0.004534	0.229748
5356	491863.09	3866377.25	2.40618	2.89016	2.85321	3.2096	2.18E-01	0.01223	5.3E-05	0.00743	0.23777	2.75E-01	0.015432	4.53E-05	0.00434	2.95E-01	0.271296	0.013273	3.7E-05	0.004609	0.289215
5357	492363.09	3866377.25	2.47222	3.04236	2.83235	3.49385	2.24E-01	0.01287	5.3E-05	0.00809	0.24505	2.83E-01	0.016245	4.5E-05	0.004724	3.04E-01	0.278742	0.013972	3.68E-05	0.005017	0.297768
5358	492863.09	3866377.25	2.68681	3.09584	2.86565	2.89105	2.43E-01	0.0131	5.4E-05	0.0067	0.26333	3.07E-01	0.01653	4.55E-05	0.003909	3.28E-01	0.302937	0.014217	3.72E-05	0.004152	0.321343
5359	493363.09	3866377.25	2.41454	3.07043	2.68164	2.51492	2.19E-01	0.01299	5E-05	0.00583	0.23768	2.76E-01	0.016395	4.26E-05	0.0034	2.96E-01	0.272239	0.014101	3.48E-05	0.003612	0.289985
5360	493863.09	3866377.25	2.74646	3.0908	3.02032	3.23677	2.49E-01	0.01308	5.7E-05	0.0075	0.26952	3.14E-01	0.016503	4.8E-05	0.004376	3.35E-01	0.309662	0.014194	3.92E-05	0.004648	0.328544
5361	494363.09	3866377.25	2.51319	2.96208	2.6364	3.44814	2.28E-01	0.01253	4.9E-05	0.00799	0.24832	2.87E-01	0.015816	4.19E-05	0.004662	3.08E-01	0.283361	0.013603	3.42E-05	0.004952	0.30195
5362	494863.09	3866377.25	2.47714	3.11937	2.45598	3.64605	2.24E-01	0.0132	4.6E-05	0.00844	0.24617	2.83E-01	0.016656	3.9E-05	0.00493	3.05E-01	0.279297	0.014325	3.19E-05	0.005236	0.29889
5363	495363.09	3866377.25	2.19452	2.6088	2.16975	2.7422	1.99E-01	0.01104	4.1E-05	0.00635	0.2163	2.51E-01	0.01393	3.45E-05	0.003708	2.69E-01	0.247431	0.011981	2.82E-05	0.003938	0.263378
5364	495863.09	3866377.25	2.62986	3.04136	2.77305	2.9893	2.38E-01	0.01287	5.2E-05	0.00692	0.25817	3.01E-01	0.016239	4.41E-05	0.004042	3.21E-01	0.296516	0.013967	3.6E-05	0.004293	0.314812

5365	496363.09	3866377.25	2.90376	3.41643	3.0575	4.04706	2.63E-01	0.01445	5.7E-05	0.00937	0.28703	3.32E-01	0.018242	4.86E-05	0.005472	3.56E-01	0.327398	0.01569	3.97E-05	0.005812	0.348939
5366	496863.09	3866377.25	2.72554	3.20004	2.82244	3.25875	2.47E-01	0.01354	5.3E-05	0.00755	0.26813	3.12E-01	0.017087	4.49E-05	0.004406	3.33E-01	0.307304	0.014696	3.66E-05	0.00468	0.326716
5367	497363.09	3866377.25	2.78305	3.39071	2.97354	3.25129	2.52E-01	0.01434	5.6E-05	0.00753	0.27414	3.18E-01	0.018105	4.73E-05	0.004396	3.41E-01	0.313788	0.015571	3.86E-05	0.004669	0.334067
5368	497863.09	3866377.25	2.2219	2.63311	2.33317	2.95505	2.01E-01	0.01114	4.4E-05	0.00684	0.21938	2.54E-01	0.01406	3.71E-05	0.003996	2.72E-01	0.250518	0.012092	3.03E-05	0.004244	0.266885
5369	498363.09	3866377.25	2.23406	2.59873	2.16701	2.25125	2.02E-01	0.01099	4.1E-05	0.00521	0.2187	2.56E-01	0.013876	3.44E-05	0.003044	2.72E-01	0.25189	0.011934	2.81E-05	0.003233	0.267085
5370	474494.92	3848334.16	1.6943	1.81986	1.52984	1.49063	1.54E-01	0.0077	2.9E-05	0.00345	0.16472	1.94E-01	0.009717	2.43E-05	0.002015	2.06E-01	0.191032	0.008357	1.99E-05	0.002141	0.20155
5371	475167.27	3848920.79	2.02575	2.24876	1.88034	1.57537	1.84E-01	0.00951	3.5E-05	0.00365	0.19678	2.32E-01	0.012007	2.99E-05	0.00213	2.46E-01	0.228403	0.010327	2.44E-05	0.002262	0.241016
5372	475297.89	3848997.96	2.04363	2.30265	1.89355	1.59892	1.85E-01	0.00974	3.5E-05	0.0037	0.19868	2.34E-01	0.012295	3.01E-05	0.002162	2.48E-01	0.230419	0.010575	2.46E-05	0.002296	0.243314
5373	475439.05	3849062	1.97493	2.2485	1.8636	1.58923	1.79E-01	0.00951	3.5E-05	0.00368	0.1922	2.26E-01	0.012006	2.96E-05	0.002149	2.40E-01	0.222673	0.010326	2.42E-05	0.002282	0.235305
5374	475486.86	3849061.09	1.92722	2.17221	1.82093	1.63468	1.75E-01	0.00919	3.4E-05	0.00379	0.18766	2.20E-01	0.011599	2.89E-05	0.00221	2.34E-01	0.217293	0.009976	2.36E-05	0.002347	0.22964
5375	475538.46	3849075.56	1.97313	2.15431	1.83332	1.68896	1.79E-01	0.00911	3.4E-05	0.00391	0.19187	2.26E-01	0.011503	2.91E-05	0.002284	2.39E-01	0.22247	0.009893	2.38E-05	0.002425	0.234812
5376	475751.79	3849137.15	2.20996	2.38173	1.98262	1.74813	2.00E-01	0.01008	3.7E-05	0.00405	0.21443	2.53E-01	0.012717	3.15E-05	0.002364	2.68E-01	0.249172	0.010938	2.57E-05	0.00251	0.262646
5377	476303.62	3849223.38	2.30513	2.5592	2.35599	2.13484	2.09E-01	0.01083	4.4E-05	0.00494	0.22471	2.64E-01	0.013665	3.74E-05	0.002887	2.80E-01	0.259903	0.011753	3.06E-05	0.003066	0.274752
5378	476304.51	3849238.92	2.29075	2.58057	2.3658	2.13805	2.08E-01	0.01092	4.4E-05	0.00495	0.22351	2.62E-01	0.013779	3.76E-05	0.002891	2.79E-01	0.258281	0.011851	3.07E-05	0.00307	0.273233
5379	476365.04	3849247.98	2.31241	2.575	2.44048	2.20799	2.10E-01	0.01089	4.6E-05	0.00511	0.22561	2.64E-01	0.013749	3.88E-05	0.002985	2.81E-01	0.260723	0.011825	3.17E-05	0.003171	0.275751
5380	476444.86	3849267.13	2.31205	2.60334	2.48468	2.30034	2.10E-01	0.01101	4.7E-05	0.00533	0.22591	2.64E-01	0.013901	3.95E-05	0.00311	2.81E-01	0.260683	0.011956	3.23E-05	0.003303	0.275974
5381	476550.75	3849300.66	2.31892	2.59024	2.43517	2.32897	2.10E-01	0.01096	4.6E-05	0.00539	0.22654	2.65E-01	0.013831	3.87E-05	0.003149	2.82E-01	0.261457	0.011895	3.16E-05	0.003345	0.276729
5382	476656.71	3849346.88	2.45307	2.66785	2.42321	2.31891	2.22E-01	0.01129	4.5E-05	0.00537	0.23901	2.81E-01	0.014245	3.85E-05	0.003135	2.98E-01	0.276583	0.012252	3.15E-05	0.00333	0.292196
5383	476873.55	3849454.53	2.57129	2.93785	2.48348	2.40779	2.33E-01	0.01243	4.6E-05	0.00558	0.25107	2.94E-01	0.015687	3.95E-05	0.003256	3.13E-01	0.289912	0.013492	3.22E-05	0.003458	0.306894
5384	477700	3849859.7	2.54886	2.96149	2.77759	2.35729	2.31E-01	0.01253	5.2E-05	0.00546	0.24902	2.92E-01	0.015813	4.41E-05	0.003187	3.11E-01	0.287383	0.0136	3.61E-05	0.003385	0.304405
5385	477743.16	3849856.38	2.54557	2.83104	2.74146	2.17337	2.31E-01	0.01198	5.1E-05	0.00503	0.24775	2.91E-01	0.015116	4.36E-05	0.002939	3.09E-01	0.287012	0.013001	3.56E-05	0.003121	0.30317
5386	478477.35	3850216.33	2.83199	3.22705	2.64758	2.40124	2.57E-01	0.01365	5E-05	0.00556	0.2759	3.24E-01	0.017231	4.21E-05	0.003247	3.44E-01	0.319306	0.01482	3.44E-05	0.003448	0.337608
5387	478485.8	3850201.6	2.80463	3.20959	2.65825	2.36318	2.54E-01	0.01358	5E-05	0.00547	0.27326	3.21E-01	0.017138	4.22E-05	0.003195	3.41E-01	0.316221	0.01474	3.45E-05	0.003394	0.334389
5388	479113.21	3850501.53	3.16131	3.66719	2.60908	2.72028	2.86E-01	0.01551	4.9E-05	0.0063	0.30835	3.62E-01	0.019581	4.15E-05	0.003678	3.85E-01	0.356437	0.016841	3.39E-05	0.003906	0.377218
5389	479108.11	3850382.28	3.16981	3.70148	2.83137	2.46526	2.87E-01	0.01566	5.3E-05	0.00571	0.30868	3.63E-01	0.019764	4.5E-05	0.003333	3.86E-01	0.357395	0.016999	3.68E-05	0.00354	0.377971
5390	479689.85	3850674.28	4.51182	5.12117	3.27682	2.76677	4.09E-01	0.02167	6.1E-05	0.00641	0.43701	5.16E-01	0.027345	5.21E-05	0.003741	5.47E-01	0.508706	0.023518	4.25E-05	0.003973	0.53624
5391	479952.42	3850774.28	5.09089	5.97736	4.78824	3.22584	4.61E-01	0.02529	9E-05	0.00747	0.4942	5.82E-01	0.031916	7.61E-05	0.004362	6.19E-01	0.573996	0.02745	6.22E-05	0.004632	0.606141
5392	479911.32	3850884.85	4.67214	5.4308	3.5599	3.00367	4.23E-01	0.02298	6.7E-05	0.00696	0.4534	5.34E-01	0.028998	5.66E-05	0.004061	5.68E-01	0.526782	0.02494	4.62E-05	0.004313	0.556082
5393	480500.92	3851178.12	5.59779	6.93065	5.81416	5.27374	5.07E-01	0.02932	0.00011	0.01221	0.54893	6.40E-01	0.037006	9.24E-05	0.007131	6.84E-01	0.631149	0.031828	7.55E-05	0.007573	0.670626
5394	480738.01	3851289.27	5.84006	7.7414	6.27655	6.27709	5.29E-01	0.03275	0.00012	0.01454	0.57664	6.68E-01	0.041335	9.98E-05	0.008487	7.18E-01	0.658465	0.035551	8.15E-05	0.009014	0.703112
5395	481055.42	3851443.58	6.22129	7.74826	6.13544	6.7716	5.64E-01	0.03278	0.00011	0.01568	0.61236	7.12E-01	0.041372	9.75E-05	0.009156	7.62E-01	0.701448	0.035583	7.96E-05	0.009724	0.746835
5396	481110.22	3851443.15	6.25102	7.56139	6.54888	6.97581	5.66E-01	0.03199	0.00012	0.01616	0.61475	7.15E-01	0.040374	0.000104	0.009432	7.65E-01	0.7048	0.034725	8.5E-05	0.010018	0.749628
5397	481111.1	3851417.45	6.12295	7.63398	6.6652	6.89009	5.55E-01	0.0323	0.00012	0.01596	0.60325	7.00E-01	0.040762	0.000106	0.009316	7.51E-01	0.690361	0.035058	8.65E-05	0.009895	0.7354
5398	482248.44	3852605.09	8.62351	11.47729	10.14274	10.25392	7.81E-01	0.04855	0.00019	0.02375	0.85398	9.86E-01	0.061283	0.000161	0.013864	1.06E+00	0.972298	0.052708	0.000132	0.014725	1.039863
5399	482273.34	3852632.31	8.67223	11.63322	10.23554	10.39258	7.86E-01	0.04921	0.00019	0.02407	0.85937	9.92E-01	0.062116	0.000163	0.014052	1.07E+00	0.977791	0.053424	0.000133	0.014924	1.046272
5400	482665.46	3853038.72	10.3189	13.3206	12.5737	12.96217	9.35E-01	0.05635	0.00024	0.03002	1.02173	1.18E+00	0.071126	0.0002	0.017526	1.27E+00	1.163452	0.061173	0.000163	0.018614	1.243403
5401	483077.95	3853844.31	13.22371	23.10357	13.66205	10.27064	1.20E+00	0.09774	0.00026	0.02379	1.32014	1.51E+00	0.123362	0.000217	0.013887	1.65E+00	1.490969	0.1061	0.000177	0.014749	1.611995
5402	483121.38	3853909.38	13.70356	23.53165	14.13079	10.34044	1.24E+00	0.09955	0.00026	0.02395	1.36561	1.57E+00	0.125648	0.000225	0.013981	1.71E+00	1.545072	0.108066	0.000183	0.014849	1.668171
5403	483492.64	3853911.49	14.60279	25.1309	18.78143	15.88211	1.32E+00	0.10632	0.00035	0.03679	1.46679	1.67E+00	0.134187	0.000298	0.021474	1.83E+00	1.64646	0.11541	0.000244	0.022808	1.784921
5404	483498.29	3854204.73	15.89904	33.59659	17.80902	10.88045	1.44E+00	0.14213	0.00033	0.0252	1.60847	1.82E+00	0.17939	0.000283	0.014712	2.01E+00	1.792611	0.154288	0.000231	0.015625	1.962755
5405	484132.44	3854662.55	24.57508	31.8386	28.25578	8.02435	2.23E+00	0.13469	0.00053	0.01859	2.38085	2.81E+00	0.170003	0.000449	0.01085	2.99E+00	2.770832	0.146215	0.000367	0.011523	2.928937
5406	484627.62	3854876.13	31.55132	46.87031	31.11525	10.65823	2.86E+00	0.19829	0.00058	0.02469	3.0828	3.61E+00	0.250265	0.000495	0.014411	3.87E+00	3.557401	0.215246	0.000404	0.015306	3.788356
5407	484756.14	3854949.04	31.02955	57.07784	29.08652	10.82483	2.81E+00	0.24147	0.00054	0.02507	3.07905	3.55E+00	0.304768	0.000462	0.014636	3.87E+00	3.498571	0.262123	0.000378	0.015545	3.776616
5408	486697.51	3856599.17	23.42098	44.13696	31.70602	10.34461	2.12E+00	0.18672	0.00059	0.02396	2.33373	2.68E+00	0.23567	0.000504	0.013987	2.93E+00	2.640707	0.202693	0.000412	0.014855	2.858668
5409	487105.31	3856962.27	22.81194	79.05672	28.96087	15.3081	2.07E+00	0.33445	0.00054	0.03546	2.43771	2.61E+00	0.422125	0.00046	0.020698	3.05E+00	2.572038	0.363058	0.000376	0.021983	2.957455
5410	487157.57	3856901.7	19.19139	71.18498	26.19207	13.84329	1.74E+00	0.30115	0.00049	0.03206	2.07287	2.20E+00	0.380094	0.000416	0.018718	2.59E+00	2.163823	0.326908	0.00034	0.01988	2.51095
5411	487173.5	3856853.74	18.1461	67.36818	25.06311	12.49288	1.64E+00	0.285	0.00047	0.02894	1.95884	2.08E+00	0.359714	0.000398	0.016892	2.45E+00	2.045967	0.30938	0.000325	0.01794	2.373612
5412	487564.41	3856860.83	14.51723	53.01271	19.82123	12.08213	1.32E+00	0.22427	0.00037	0.02798	1.56821	1.66E+00	0.283062	0.000315	0.016336	1.96E+00	1.636813	0.243454	0.000257	0.017351	1.897875
5413	487563.31	3856931.58	14.94276	57.35629	20.51025	13.0928	1.35E+00	0.24265	0.00038	0.03033	1.6275	1.71E+00	0.306255	0.000326	0.017703	2.03E+00	1.684791	0.263401	0.000266	0.018802	1.967261
5414	487782.7	3856926.85	13.47342	52.63781	18.24813	12.89752	1.22E+00	0.22268	0.00034	0.02987	1.47389	1.54E+00	0.281061	0.00029	0.017439	1.84E+00	1.519123	0.241732	0.000237	0.018522	1.779614
5415	487782.39	3856757.07	12.43227	45.7811	16.74041	10.86813	1.13E+00	0.19368	0.00031	0.02517	1.3458	1.42E+00	0.244449	0.000266	0.014695	1.68E+00	1.401734	0.210244	0.000217	0.015607	1.627803
5416	487917.26	3856752.41	11.55131	44.01655	15.51013	10.85527	1.05E+00	0.18621	0.00029	0.02514	1.25845	1.32E+00	0.235027	0.000247	0.014678	1.57E+00	1.302406	0.20214	0.000201	0.015589	1.520337
5417	487919.57	3856953.35	12.80265	49.12097	17.23477	13.20377	1.16E+00	0.20781	0.00032	0.03058	1.39891	1.46E+00	0.262282	0.000274	0.017853	1.74E+00	1.443494	0.225582	0.000224	0.018961	1.688261
5418	487932.76	3857000.32	13.02654	50.91709	17.54911	13.58522	1.18E+00	0.21541	0.00033	0.03147	1.42769	1.49E+00	0.271873	0.000279	0.018369	1.78E+00	1.468738	0.23383	0.000228	0.019509	1.722305
5419	487960.5	3857044.75	13.13483	49.71062	17.72198	13.91814	1.19E+00	0.2103	0.00033	0.03224	1.43318	1.50E+00	0.265431	0.000282	0.018819	1.79E+00	1.480948	0.22829	0.00023	0.019987	1.729454
5420	488016.54	3857089.54	13.03497	49.08213	17.63873	14.2697	1.18E+00	0.20764	0.00033	0.03305	1.42228	1.49E+00	0.262075	0.00028	0.019294	1.77E+00	1.469688	0.225403	0.000229	0.020492	1.715813
5421	488114.39	3857165.47	12.8769	47.69359	17.36627	14.87694	1.17E+00	0.20177	0.00033	0.03446	1.40348	1.47E+00	0.254661	0.000276	0.020115	1.75E+00	1.451866	0.219027	0.000225	0.021364	1.692482
5422	488171.49	3857234.24	12.85553	46.57291	17.40933	15.64278	1.16E+00	0.19703	0.00033	0.03623	1.39858	1.47E+00	0.248677	0.000277	0.021151	1.74E+00	1.449457	0.21388	0.000226	0.022464	1.686027
5423	488193.16	3857297.8	12.92878	44.82768	17.60919	16.5335	1.17E+00	0.18964	0.00033	0.03829	1.3999	1.48E+00	0.239358	0.00028	0.022355	1.74E+00	1.457716	0.205865	0.000229	0.023743	1.687552
5424	488189.27	3857649.94	12.57736	41.55843	19.27173	20.90489	1.14E+00	0.17581	0.00036	0.04842	1.36438	1.44E+00	0.221902	0.000306	0.028266	1.69E+00	1.418093	0.190852	0.00025	0.030021	1.639215
5425	488127.43	3857732.32	12.27985	39.63207	20.31306	22.14204	1.11E+00	0.16766	0.00038	0.05129	1.33216	1.40E+00	0.211616	0.000323	0.029938	1.65E+00	1.384549	0.182005	0.000264	0.031797	1.598615

5426	488149.93	3857752.94	12.16598	38.83232	20.23049	22.20027	1.10E+00	0.16428	0.00038	0.05142	1.31859	1.39E+00	0.207346	0.000322	0.030017	1.63E+00	1.37171	0.178332	0.000263	0.031881	1.582186
5427	488144.76	3857758.71	12.16737	38.43279	20.34226	22.25365	1.10E+00	0.16259	0.00038	0.05154	1.31715	1.39E+00	0.205213	0.000323	0.030089	1.63E+00	1.371867	0.176498	0.000264	0.031957	1.580586
5428	488335.58	3857932.55	11.26354	30.40751	19.41694	26.37286	1.02E+00	0.12864	0.00036	0.06108	1.21081	1.29E+00	0.162362	0.000309	0.035659	1.49E+00	1.26996	0.139643	0.000252	0.037873	1.447728
5429	488372.29	3857943.79	11.12032	30.06895	19.04462	26.06623	1.01E+00	0.12721	0.00036	0.06037	1.19568	1.27E+00	0.160554	0.000303	0.035244	1.47E+00	1.253812	0.138088	0.000247	0.037432	1.42958
5430	488828.64	3857936.4	10.64778	27.31734	16.19812	19.55178	9.65E-01	0.11557	0.0003	0.04529	1.12608	1.22E+00	0.145862	0.000257	0.026436	1.39E+00	1.200534	0.125451	0.00021	0.028077	1.354273
5431	488829.08	3857959.58	10.58269	27.35181	16.19625	19.82487	9.59E-01	0.11571	0.0003	0.04592	1.12096	1.21E+00	0.146046	0.000257	0.026805	1.38E+00	1.193195	0.12561	0.00021	0.02847	1.347484
5432	488351.61	3857964.55	11.14465	30.01011	19.37276	27.33194	1.01E+00	0.12696	0.00036	0.06331	1.20058	1.27E+00	0.16024	0.000308	0.036956	1.47E+00	1.256555	0.137818	0.000251	0.03925	1.433875
5433	488316.87	3857947.65	11.20423	30.57752	19.68741	27.58645	1.02E+00	0.12936	0.00037	0.0639	1.20897	1.28E+00	0.163269	0.000313	0.0373	1.48E+00	1.263273	0.140423	0.000256	0.039616	1.443568
5434	488129.1	3857775.77	12.13855	37.98228	20.73191	22.75458	1.10E+00	0.16068	0.00039	0.0527	1.3138	1.39E+00	0.202807	0.000329	0.030767	1.62E+00	1.368617	0.174429	0.000269	0.032677	1.575992
5435	488062.53	3857846.13	12.32209	34.52531	23.46402	27.10998	1.12E+00	0.14606	0.00044	0.06279	1.32594	1.41E+00	0.184349	0.000373	0.036656	1.63E+00	1.389311	0.158553	0.000305	0.038931	1.5871
5436	488330.41	3858091.34	10.64696	22.62882	18.06865	29.63203	9.65E-01	0.09573	0.00034	0.06863	1.12955	1.22E+00	0.120827	0.000287	0.040066	1.38E+00	1.200441	0.10392	0.000235	0.042553	1.347149
5437	488470.87	3858174.45	10.55839	21.86773	17.10372	28.08749	9.57E-01	0.09251	0.00032	0.06506	1.11471	1.21E+00	0.116763	0.000272	0.037977	1.36E+00	1.190455	0.100425	0.000222	0.040335	1.331437
5438	488568.9	3858262.31	10.11987	19.93195	15.57887	26.33799	9.17E-01	0.08432	0.00029	0.061	1.0627	1.16E+00	0.106427	0.000248	0.035612	1.30E+00	1.141012	0.091535	0.000202	0.037823	1.270572
5439	488964.27	3858025.71	10.29231	25.47382	15.68491	19.19808	9.33E-01	0.10777	0.00029	0.04447	1.08524	1.18E+00	0.136018	0.000249	0.025958	1.34E+00	1.160454	0.116985	0.000204	0.027569	1.305213
5440	489147.25	3857956.64	10.14508	24.7733	14.87389	17.07511	9.19E-01	0.1048	0.00028	0.03955	1.064	1.16E+00	0.132278	0.000236	0.023087	1.32E+00	1.143854	0.113768	0.000193	0.024521	1.282336
5441	489343.52	3857932.45	9.81711	22.31846	13.53361	15.52805	8.90E-01	0.09442	0.00025	0.03597	1.02028	1.12E+00	0.11917	0.000215	0.020996	1.26E+00	1.106876	0.102495	0.000176	0.022299	1.231845
5442	489866.19	3857923.19	8.14411	19.12321	11.28222	11.97864	7.38E-01	0.0809	0.00021	0.02774	0.84689	9.32E-01	0.102109	0.000179	0.016196	1.05E+00	0.918246	0.087821	0.000146	0.017202	1.023415
5443	489955.65	3857902.27	7.95047	18.37978	10.85523	11.34213	7.20E-01	0.07776	0.0002	0.02627	0.82472	9.09E-01	0.098139	0.000173	0.015336	1.02E+00	0.896413	0.084407	0.000141	0.016288	0.997248
5444	490079.44	3857847.9	7.40769	17.04727	10.2696	10.73757	6.71E-01	0.07212	0.00019	0.02487	0.76848	8.47E-01	0.091024	0.000163	0.014518	9.53E-01	0.835215	0.078287	0.000133	0.01542	0.929055
5445	490108.49	3857934.13	7.6153	17.2067	10.36144	11.01976	6.90E-01	0.07279	0.00019	0.02552	0.78863	8.71E-01	0.091876	0.000165	0.0149	9.78E-01	0.858622	0.07902	0.000134	0.015825	0.953601
5446	489884.48	3858014.17	8.30236	18.37041	11.735	12.6364	7.52E-01	0.07772	0.00022	0.02927	0.85958	9.50E-01	0.098089	0.000187	0.017086	1.06E+00	0.936088	0.084364	0.000152	0.018147	1.038751
5447	489326.56	3858025.86	9.87018	22.49137	14.35722	16.29713	8.94E-01	0.09515	0.00027	0.03775	1.02762	1.13E+00	0.120093	0.000228	0.022035	1.27E+00	1.112859	0.103289	0.000186	0.023404	1.239738
5448	489130.38	3858056.71	10.02861	24.02339	15.37616	17.89656	9.09E-01	0.10163	0.00029	0.04145	1.05218	1.15E+00	0.128273	0.000244	0.024198	1.30E+00	1.130722	0.110324	0.0002	0.0257	1.266947
5449	488936.49	3858143.93	10.05821	24.30725	15.9654	21.06706	9.11E-01	0.10283	0.0003	0.0488	1.06342	1.15E+00	0.129789	0.000254	0.028485	1.31E+00	1.13406	0.111628	0.000207	0.030253	1.276148
5450	488638.08	3858327.45	9.85398	18.82436	14.71627	24.7975	8.93E-01	0.07964	0.00028	0.05744	1.03034	1.13E+00	0.100513	0.000234	0.033529	1.26E+00	1.111033	0.086448	0.000191	0.035611	1.233283
5451	488663.79	3858349.57	9.79078	18.59648	14.54212	24.45019	8.87E-01	0.07867	0.00027	0.05663	1.02284	1.12E+00	0.099296	0.000231	0.033059	1.25E+00	1.103907	0.085402	0.000189	0.035112	1.22461
5452	488694.56	3858349.5	9.99444	19.32608	15.08165	25.16804	9.06E-01	0.08176	0.00028	0.05829	1.04605	1.14E+00	0.103192	0.00024	0.03403	1.28E+00	1.12687	0.088753	0.000196	0.036143	1.251961
5453	488694.35	3858336.75	10.10454	19.78506	15.28156	25.63878	9.16E-01	0.0837	0.00029	0.05938	1.05907	1.16E+00	0.105643	0.000243	0.034666	1.30E+00	1.139283	0.09086	0.000198	0.036819	1.267161
5454	488712.81	3858336.38	10.1785	20.04361	15.4252	25.74314	9.22E-01	0.08479	0.00029	0.05963	1.06711	1.16E+00	0.107023	0.000245	0.034808	1.31E+00	1.147622	0.092048	0.0002	0.036969	1.276839
5455	488713.23	3858367.46	9.93073	19.03956	14.90313	24.89615	9.00E-01	0.08055	0.00028	0.05766	1.03843	1.14E+00	0.101662	0.000237	0.033662	1.27E+00	1.119686	0.087437	0.000193	0.035752	1.243069
5456	488704.63	3858384.05	9.70287	18.32792	14.29253	24.04245	8.79E-01	0.07754	0.00027	0.05569	1.01279	1.11E+00	0.097862	0.000227	0.032508	1.24E+00	1.093995	0.084169	0.000186	0.034526	1.212876
5457	488604.15	3858488.29	11.66531	20.43693	14.39846	30.98006	1.06E+00	0.08646	0.00027	0.07176	1.21562	1.33E+00	0.109123	0.000229	0.041888	1.49E+00	1.31526	0.093854	0.000187	0.044489	1.45379
5458	488605.66	3858550.47	12.55204	20.59936	14.08941	31.84872	1.14E+00	0.08715	0.00026	0.07377	1.29867	1.44E+00	0.109991	0.000224	0.043063	1.59E+00	1.415238	0.0946	0.000183	0.045736	1.555757
5459	488692.68	3858548.71	11.47174	19.79048	14.19105	29.18505	1.04E+00	0.08372	0.00027	0.0676	1.19118	1.31E+00	0.105672	0.000226	0.039461	1.46E+00	1.293435	0.090885	0.000184	0.041911	1.426415
5460	488759.93	3858461.81	8.93779	16.49725	12.91672	22.0712	8.10E-01	0.06979	0.00024	0.05112	0.93112	1.02E+00	0.088087	0.000205	0.029843	1.14E+00	1.007733	0.075761	0.000168	0.031695	1.115357
5461	488816.57	3858541.79	7.93871	14.16414	10.61824	19.70136	7.19E-01	0.05992	0.0002	0.04563	0.82517	9.08E-01	0.07563	0.000169	0.026638	1.01E+00	0.895087	0.065047	0.000138	0.028292	0.988564
5462	488944.63	3858656.77	7.64631	12.98204	10.28806	17.82921	6.93E-01	0.05492	0.00019	0.0413	0.78933	8.75E-01	0.069318	0.000164	0.024107	9.68E-01	0.862119	0.059618	0.000134	0.025604	0.947474
5463	489134.91	3858830.7	7.39435	11.983	9.6421	16.16092	6.70E-01	0.05069	0.00018	0.03743	0.7584	8.46E-01	0.063983	0.000153	0.021851	9.32E-01	0.83371	0.05503	0.000125	0.023208	0.912074
5464	489193.99	3858886.05	7.26514	11.60028	9.31706	15.59198	6.58E-01	0.04908	0.00017	0.03611	0.74375	8.31E-01	0.06194	0.000148	0.021082	9.14E-01	0.819142	0.053273	0.000121	0.022391	0.894927
5465	489295.2	3858954.34	7.63885	12.1549	9.68474	16.03383	6.92E-01	0.05142	0.00018	0.03714	0.78099	8.74E-01	0.064901	0.000154	0.021679	9.60E-01	0.861278	0.05582	0.000126	0.023025	0.940249
5466	489295.64	3858992.74	8.52029	11.85895	9.15702	15.94244	7.72E-01	0.05017	0.00017	0.03693	0.85939	9.75E-01	0.063321	0.000146	0.021556	1.06E+00	0.96066	0.054461	0.000119	0.022894	1.038134
5467	489183.74	3858911.72	9.1193	12.67687	9.44355	17.13747	8.26E-01	0.05363	0.00018	0.03969	0.91991	1.04E+00	0.067688	0.00015	0.023172	1.13E+00	1.028198	0.058217	0.000123	0.02461	1.111148
5468	488873.37	3858625.59	9.06189	14.73911	10.70761	20.62879	8.21E-01	0.06235	0.0002	0.04778	0.93154	1.04E+00	0.0787	0.00017	0.027892	1.14E+00	1.021725	0.067687	0.000139	0.029624	1.119175
5469	488842.84	3858658.69	11.07472	18.50882	13.65916	26.42602	1.00E+00	0.0783	0.00026	0.06121	1.14338	1.27E+00	0.098828	0.000217	0.035731	1.40E+00	1.248671	0.084999	0.000177	0.037949	1.371797
5470	488856.39	3858670.93	11.0917	18.41347	13.60652	26.19015	1.01E+00	0.0779	0.00025	0.06066	1.14397	1.27E+00	0.098319	0.000216	0.035412	1.40E+00	1.250585	0.084561	0.000177	0.03761	1.372934
5471	488805.7	3858724.5	13.67876	19.34908	13.55098	28.83998	1.24E+00	0.08186	0.00025	0.0668	1.38851	1.56E+00	0.103315	0.000215	0.038995	1.71E+00	1.542276	0.088858	0.000176	0.041416	1.672725
5472	488805.87	3858804.16	22.19684	19.0305	13.25747	28.17262	2.01E+00	0.08051	0.00025	0.06525	2.15753	2.54E+00	0.101614	0.000211	0.038092	2.68E+00	2.502686	0.087395	0.000172	0.040457	2.630711
5473	488995.78	3858936.96	18.11287	17.93104	12.8862	25.85794	1.64E+00	0.07586	0.00024	0.05989	1.77742	2.07E+00	0.095743	0.000205	0.034963	2.20E+00	2.04222	0.082346	0.000167	0.037133	2.161867
5474	489130.76	3859017.38	14.58066	17.31058	12.40954	24.38699	1.32E+00	0.07323	0.00023	0.05648	1.45128	1.67E+00	0.09243	0.000197	0.032974	1.79E+00	1.643964	0.079497	0.000161	0.035021	1.758643
5475	489130.92	3859052.24	14.96147	16.67092	12.16673	23.59097	1.36E+00	0.07053	0.00023	0.05464	1.48124	1.71E+00	0.089015	0.000193	0.031898	1.83E+00	1.686901	0.076559	0.000158	0.033878	1.797495
5476	489200.33	3859090.6	13.73979	16.45035	11.89853	23.05028	1.25E+00	0.06959	0.00022	0.05339	1.36833	1.57E+00	0.087837	0.000189	0.031166	1.69E+00	1.549157	0.075546	0.000154	0.033101	1.657959
5477	489296.07	3859143.7	11.71066	14.68391	10.65215	20.56536	1.06E+00	0.06212	0.0002	0.04763	1.1712	1.34E+00	0.078405	0.000169	0.027807	1.45E+00	1.320373	0.067434	0.000138	0.029533	1.417478
5478	489296.43	3858954.74	7.65312	12.18753	9.69939	16.06729	6.94E-01	0.05156	0.00018	0.03721	0.7825	8.75E-01	0.065076	0.000154	0.021725	9.62E-01	0.862887	0.05597	0.000126	0.023073	0.942056
5479	489410.33	3859033.19	8.43308	13.09705	10.29254	16.96458	7.64E-01	0.05541	0.00019	0.03929	0.85912	9.65E-01	0.069932	0.000164	0.022938	1.06E+00	0.950827	0.060147	0.000134	0.024362	1.035469
5480	489371.37	3859089.8	10.1573	13.61628	10.22166	18.04569	9.20E-01	0.0576	0.00019	0.0418	1.02007	1.16E+00	0.072704	0.000162	0.0244	1.26E+00	1.145232	0.062531	0.000133	0.025915	1.23381
5481	489390.52	3859102.82	10.11524	13.63515	10.24112	17.9994	9.17E-01	0.05768	0.00019	0.04169	1.01623	1.16E+00	0.072805	0.000163	0.024337	1.25E+00	1.14049	0.062618	0.000133	0.025848	1.229089
5482	489382.3	3859114.53	10.45423	13.88313	10.56429	18.37769	9.47E-01	0.05873	0.0002	0.04257	1.04888	1.20E+00	0.074129	0.000168	0.024849	1.29E+00	1.178711	0.063756	0.000137	0.026391	1.268996
5483	489363.04	3859102.45	10.52867	13.93353	10.58786	18.51917	9.54E-01	0.05895	0.0002	0.04289	1.05617	1.20E+00	0.074398	0.000168	0.02504	1.30E+00	1.187104	0.063988	0.000137	0.026595	1.277824
5484	489337.52	3859140.71	11.39794	14.5999	10.75778	20.02315	1.03E+00	0.06177	0.0002	0.04638	1.14125	1.30E+00	0.077956	0.000171	0.027073	1.41E+00	1.285114	0.067048	0.00014	0.028754	1.381056
5485	489375.14	3859164.55	11.20666	14.48376	10.74232	19.80956	1.02E+00	0.06127	0.0002	0.04588	1.12293	1.28E+00	0.077336	0.000171	0.026785	1.39E+00	1.263547	0.066515	0.000139	0.028448	1.358649
5486	489409.3	3859114.5	10.03724	13.63051	10.24928	17.95834	9.10E-01	0.05766	0.00019	0.04159	1.00905	1.15E+00	0.07278	0.000163	0.024282	1.25E+00	1.131695	0.062596	0.000133	0.025789	1.220214

5487	489434.87	3859131.81	9.95587	13.63657	10.28906	17.91176		9.02E-01	0.05769	0.00019	0.04149	1.00159		1.14E+00	0.072813	0.000164	0.024219	1.24E+00		1.122521	0.062624	0.000134	0.025722	1.211001
5488	489471.87	3859075.75	8.65464	13.26717	10.51516	17.05115		7.84E-01	0.05613	0.0002	0.03949	0.88012		9.90E-01	0.07084	0.000167	0.023055	1.08E+00		0.975808	0.060928	0.000136	0.024486	1.061358
5489	489602.62	3859164.69	8.85558	13.30002	10.58817	16.98626		8.03E-01	0.05627	0.0002	0.03934	0.89832		1.01E+00	0.071016	0.000168	0.022967	1.11E+00		0.998464	0.061079	0.000137	0.024393	1.084073
5490	489558.29	3859232.45	9.92349	13.56866	10.44321	17.7043		8.99E-01	0.0574	0.0002	0.04101	0.99789		1.14E+00	0.07245	0.000166	0.023938	1.23E+00		1.11887	0.062312	0.000136	0.025424	1.206742
5491	489620.11	3859273.56	9.74909	13.43897	10.35098	17.44701		8.83E-01	0.05685	0.00019	0.04041	0.98094		1.12E+00	0.071758	0.000165	0.02359	1.21E+00		1.099207	0.061717	0.000134	0.025055	1.186112
5492	489666.06	3859206.42	8.88206	13.18797	10.50347	16.88153		8.05E-01	0.05579	0.0002	0.0391	0.9		1.02E+00	0.070417	0.000167	0.022826	1.11E+00		1.001449	0.060564	0.000136	0.024243	1.086392
5493	489787.9	3859285.65	8.83037	13.01264	10.25565	16.51304		8.00E-01	0.05505	0.00019	0.03825	0.89372		1.01E+00	0.069481	0.000163	0.022327	1.10E+00		0.995621	0.059759	0.000133	0.023714	1.079227
5494	489752.17	3859343.13	9.3373	13.19018	10.21781	16.97741		8.46E-01	0.0558	0.00019	0.03932	0.94148		1.07E+00	0.070429	0.000162	0.022955	1.16E+00		1.052777	0.060574	0.000133	0.02438	1.137865
5495	489814.94	3859385.33	9.26889	12.98573	10.12088	16.7271		8.40E-01	0.05494	0.00019	0.03874	0.93384		1.06E+00	0.069338	0.000161	0.022617	1.15E+00		1.045064	0.059635	0.000131	0.024021	1.128852
5496	489853.42	3859330.74	8.79217	12.83478	10.18117	16.21263		7.97E-01	0.0543	0.00019	0.03755	0.8888		1.01E+00	0.068532	0.000162	0.021921	1.10E+00		0.991314	0.058942	0.000132	0.023282	1.073671
5497	489969.5	3859401.91	8.66502	12.53187	10.02856	15.84276		7.85E-01	0.05302	0.00019	0.03669	0.87514		9.91E-01	0.066914	0.000159	0.021421	1.08E+00		0.976978	0.057551	0.00013	0.022751	1.05741
5498	490166.91	3859486.96	8.31829	12.3851	9.23943	15.29036		7.54E-01	0.0524	0.00017	0.03542	0.8418		9.51E-01	0.066131	0.000147	0.020674	1.04E+00		0.937884	0.056877	0.00012	0.021958	1.016839
5499	490128.86	3859571.46	8.52964	11.59184	9.26467	14.71712		7.73E-01	0.04904	0.00017	0.03409	0.85627		9.76E-01	0.061895	0.000147	0.019899	1.06E+00		0.961714	0.053234	0.00012	0.021135	1.036203
5500	490186.65	3859593.65	8.38484	11.49979	9.19037	14.57569		7.60E-01	0.04865	0.00017	0.03376	0.84243		9.59E-01	0.061403	0.000146	0.019708	1.04E+00		0.945388	0.052811	0.000119	0.020931	1.01925
5501	490223.74	3859517.48	8.25006	12.13586	9.05632	15.11956		7.48E-01	0.05134	0.00017	0.03502	0.83417		9.44E-01	0.0648	0.000144	0.020443	1.03E+00		0.930191	0.055732	0.000118	0.021712	1.007754
5502	490846.34	3859817.22	6.97363	10.70449	8.1038	12.93519		6.32E-01	0.04529	0.00015	0.02996	0.70736		7.98E-01	0.057157	0.000129	0.01749	8.72E-01		0.786274	0.049159	0.000105	0.018576	0.854114
5503	490925.65	3859844.59	6.97824	10.40992	8.07345	13.05206		6.32E-01	0.04404	0.00015	0.03023	0.7068		7.98E-01	0.055584	0.000128	0.017648	8.72E-01		0.786794	0.047806	0.000105	0.018743	0.853449
5504	491159.29	3859896.28	6.63898	9.88654	7.96192	11.83018		6.02E-01	0.04183	0.00015	0.0274	0.67101		7.59E-01	0.052789	0.000127	0.015996	8.28E-01		0.748543	0.045403	0.000103	0.016989	0.811037
5505	491370.69	3859960.89	6.119	9.01696	7.25661	11.00409		5.55E-01	0.03815	0.00014	0.02549	0.61829		7.00E-01	0.048146	0.000115	0.014879	7.63E-01		0.689915	0.041409	9.42E-05	0.015802	0.747221
5506	491330.28	3860063.17	6.05315	8.78174	7.25779	10.87016		5.49E-01	0.03715	0.00014	0.02518	0.61101		6.92E-01	0.04689	0.000115	0.014698	7.54E-01		0.682491	0.040329	9.42E-05	0.01561	0.738524
5507	491636.45	3860180.75	5.72042	8.26837	6.63649	10.11589		5.18E-01	0.03498	0.00012	0.02343	0.57693		6.54E-01	0.044149	0.000105	0.013678	7.12E-01		0.644975	0.037971	8.61E-05	0.014527	0.69756
5508	491617.94	3860203.93	5.73691	8.42545	6.81907	10.3541		5.20E-01	0.03564	0.00013	0.02398	0.57964		6.56E-01	0.044988	0.000108	0.014	7.15E-01		0.646835	0.038693	8.85E-05	0.014869	0.700485
5509	491805.68	3860271.59	5.461	7.81994	6.3804	9.61879		4.95E-01	0.03308	0.00012	0.02228	0.55037		6.25E-01	0.041755	0.000101	0.013006	6.79E-01		0.615726	0.035912	8.28E-05	0.013813	0.665534
5510	491654.23	3860414.02	5.48785	7.74024	5.84595	9.63562		4.97E-01	0.03275	0.00011	0.02232	0.55249		6.28E-01	0.041329	9.29E-05	0.013028	6.82E-01		0.618753	0.035546	7.59E-05	0.013837	0.668212
5511	491592.62	3860510.76	5.60966	7.5493	5.91112	9.33045		5.08E-01	0.03194	0.00011	0.02161	0.56202		6.42E-01	0.04031	9.39E-05	0.012616	6.95E-01		0.632487	0.034669	7.67E-05	0.013399	0.680632
5512	491475.41	3860368.93	5.71893	8.04721	6.03389	9.96888		5.18E-01	0.03404	0.00011	0.02309	0.57551		6.54E-01	0.042968	9.59E-05	0.013479	7.11E-01		0.644807	0.036956	7.83E-05	0.014316	0.696157
5513	491445.61	3860337.28	5.75973	8.12186	6.09623	10.13303		5.22E-01	0.03436	0.00011	0.02347	0.5799		6.59E-01	0.043367	9.69E-05	0.013701	7.16E-01		0.649408	0.037299	7.91E-05	0.014552	0.701337
5514	491399.05	3860300.37	5.83745	8.25299	6.19312	10.32911		5.29E-01	0.03491	0.00012	0.02392	0.58796		6.68E-01	0.044067	9.84E-05	0.013966	7.26E-01		0.65817	0.037901	8.04E-05	0.014833	0.710985
5515	491228.84	3860235.98	6.18407	8.5375	6.5237	10.61922		5.60E-01	0.03612	0.00012	0.0246	0.62125		7.07E-01	0.045586	0.000104	0.014358	7.67E-01		0.697252	0.039207	8.47E-05	0.01525	0.751794
5516	491228.47	3860174.57	6.10231	8.70277	6.54779	10.96061		5.53E-01	0.03682	0.00012	0.02539	0.61533		6.98E-01	0.046469	0.000104	0.01482	7.59E-01		0.688033	0.039966	8.5E-05	0.01574	0.743825
5517	491145.77	3860112.55	6.25978	8.98247	6.76106	11.29402		5.67E-01	0.038	0.00013	0.02616	0.63156		7.16E-01	0.047962	0.000107	0.015271	7.79E-01		0.705788	0.041251	8.78E-05	0.016219	0.763345
5518	490844.41	3859966.22	6.98774	9.7485	7.33845	12.04805		6.33E-01	0.04124	0.00014	0.02791	0.70253		7.99E-01	0.052052	0.000117	0.01629	8.68E-01		0.787865	0.044769	9.53E-05	0.017302	0.850031
5519	490845.55	3859928.15	6.79939	9.82632	7.39303	12.02586		6.16E-01	0.04157	0.00014	0.02785	0.68574		7.78E-01	0.052468	0.000117	0.01626	8.47E-01		0.766629	0.045126	9.6E-05	0.01727	0.829121
5520	490046.91	3859625.6	8.40424	11.31447	8.89195	14.53019		7.62E-01	0.04787	0.00017	0.03365	0.8433		9.61E-01	0.060414	0.000141	0.019646	1.04E+00		0.947575	0.05196	0.000115	0.020866	1.020517
5521	489970.48	3859589.4	8.68335	11.48489	9.23538	15.06401		7.87E-01	0.04859	0.00017	0.03489	0.87055		9.93E-01	0.061324	0.000147	0.020368	1.08E+00		0.979045	0.052743	0.00012	0.021633	1.05354
5522	489865.89	3859529.06	8.95801	11.89957	9.33574	15.60383		8.12E-01	0.05034	0.00017	0.03614	0.89845		1.02E+00	0.063538	0.000148	0.021098	1.11E+00		1.010013	0.054647	0.000121	0.022408	1.087189
5523	489826.89	3859531.74	9.50029	12.38986	9.40559	16.34199		8.61E-01	0.05242	0.00018	0.03785	0.95138		1.09E+00	0.066156	0.000149	0.022096	1.18E+00		1.071154	0.056899	0.000122	0.023468	1.151643
5524	489410.47	3859303.06	11.82485	13.98274	10.42176	19.31697		1.07E+00	0.05915	0.0002	0.04474	1.17568		1.35E+00	0.074661	0.000166	0.026119	1.45E+00		1.333248	0.064214	0.000135	0.02774	1.425337
5525	489407.15	3859286.09	11.58574	13.92592	10.29169	19.16568		1.05E+00	0.05891	0.00019	0.04439	1.15342		1.33E+00	0.074358	0.000164	0.025914	1.43E+00		1.306288	0.063953	0.000134	0.027523	1.397898
5526	488806.07	3858963.62	17.78173	17.22929	12.09825	24.88554		1.61E+00	0.07289	0.00023	0.05764	1.74217		2.03E+00	0.091996	0.000192	0.033648	2.16E+00		2.004884	0.079123	0.000157	0.035737	2.119901
5527	488817.64	3859546.3	9.82989	13.3778	9.7167	16.75219		8.91E-01	0.05659	0.00018	0.0388	0.98638		1.12E+00	0.071431	0.000154	0.022651	1.22E+00		1.108317	0.061436	0.000126	0.024057	1.193936
5528	489187.25	3859549.52	11.20412	14.13117	10.25898	18.5968		1.02E+00	0.05978	0.00019	0.04307	1.11839		1.28E+00	0.075454	0.000163	0.025145	1.38E+00		1.263261	0.064896	0.000133	0.026706	1.354995
5529	489187.66	3859523.74	11.6438	14.15813	10.17345	18.70621		1.06E+00	0.0599	0.00019	0.04333	1.1586		1.33E+00	0.075598	0.000162	0.025293	1.43E+00		1.312834	0.065019	0.000132	0.026863	1.404849
5530	489232.59	3859522.85	10.57746	12.45648	8.92936	16.69615		9.59E-01	0.0527	0.00017	0.03867	1.05009		1.21E+00	0.066512	0.000142	0.022575	1.30E+00		1.192605	0.057205	0.000116	0.023977	1.273902
5531	489224.98	3859759.91	9.96489	12.75684	9.22186	16.80257		9.03E-01	0.05397	0.00017	0.03892	0.9961		1.14E+00	0.068115	0.000147	0.022719	1.23E+00		1.123538	0.058584	0.00012	0.024129	1.206371
5532	488401.39	3859763.34	7.39969	12.344	8.92084	12.50475		6.71E-01	0.05222	0.00017	0.02896	0.75193		8.46E-01	0.065911	0.000142	0.016908	9.29E-01		0.834313	0.056688	0.000116	0.017957	0.909074
5533	488405.51	3859966.16	6.57302	10.7535	8.31378	11.23401		5.96E-01	0.04549	0.00016	0.02602	0.66733		7.52E-01	0.057419	0.000132	0.01519	8.25E-01		0.741106	0.049384	0.000108	0.016133	0.80673
5534	489202.85	3859956.57	8.76994	11.27632	8.79653	14.85602		7.95E-01	0.0477	0.00016	0.03441	0.87703		1.00E+00	0.06021	0.00014	0.020087	1.08E+00		0.988808	0.051785	0.000114	0.021334	1.062041
5535	489191.9	3860676.74	6.15262	8.75728	6.80926	10.11961		5.58E-01	0.03705	0.00013	0.02344	0.61818		7.04E-01	0.04676	0.000108	0.013683	7.64E-01		0.693706	0.040217	8.84E-05	0.014532	0.748543
5536	488392.82	3860687.88	4.81129	8.42733	6.12802	8.2679		4.36E-01	0.03565	0.00011	0.01915	0.49093		5.50E-01	0.044998	9.74E-05	0.011179	6.07E-01		0.542471	0.038701	7.95E-05	0.011873	0.593125
5537	488392.82	3860760.27	4.71369	8.51262	6.03252	7.98218		4.27E-01	0.03601	0.00011	0.01849	0.48178		5.39E-01	0.045453	9.59E-05	0.010793	5.95E-01		0.531467	0.039093	7.83E-05	0.011463	0.582101
5538	487549.05	3860777.45	3.75959	7.22105	5.02739	6.41271		3.41E-01	0.03055	9.4E-05	0.01485	0.3862		4.30E-01	0.038557	7.99E-05	0.008671	4.77E-01		0.423892	0.033162	6.53E-05	0.009209	0.466328
5539	487554.62	3859571.83	5.61089	12.60452	7.56337	9.73736		5.08E-01	0.05332	0.00014	0.02255	0.58449		6.42E-01	0.067302	0.00012	0.013166	7.22E-01		0.632626	0.057885	9.82E-05	0.013983	0.704592
5540	485949.46	3859558.54	3.53407	12.35087	4.74928	6.14728		3.20E-01	0.05225	8.9E-05	0.01424	0.38684		4.04E-01	0.065948	7.55E-05	0.008312	4.79E-01		0.398465	0.05672	6.16E-05	0.008828	0.464074
5541	485947.55	3857943.61	6.21157	26.69697	8.22987	11.01123		5.63E-01	0.11294	0.00015	0.0255	0.70151		7.10E-01	0.142549	0.000131	0.014888	8.68E-01		0.700352	0.122602	0.000107	0.015813	0.838874
5542	484738.38	3857940.21	4.16024	14.94222	5.65562	7.70078		3.77E-01	0.06321	0.00011	0.01784	0.45817		4.76E-01	0.079784	8.99E-05	0.010412	5.66E-01		0.469066	0.06862	7.34E-05	0.011059	0.548818
5543	484737.06	3857535.68	4.80368	15.6184	6.67498	8.90452		4.35E-01	0.06607	0.00012	0.02062	0.52214		5.49E-01	0.083395	0.000106	0.01204	6.45E-01		0.541613	0.071725	8.66E-05	0.012787	0.626213
5544	483730.2	3857530.13	4.12591	12.16419	5.69393	7.20992		3.74E-01	0.05146	0.00011	0.0167	0.44217		4.72E-01	0.064951	9.05E-05	0.009749	5.47E-01		0.465195	0.055862	7.39E-05	0.010354	0.531485
5545	483727.27	3857130.01	4.7067	13.46925	6.46577	8.20868		4.27E-01	0.05698	0.00012	0.01901	0.50265		5.38E-01	0.071919	0.000103	0.011099	6.21E-01		0.530679	0.061856	8.39E-05	0.011788	0.604407
5546	483124.42	3857123.45	4.32694	12.74662	5.94056	7.2472		3.92E-01	0.05392	0.00011	0.01679	0.46294		4.95E-01	0.068061	9.44E-05	0.009799	5.73E-01		0.487861	0.058537	7.71E-05	0.010407	0.556883
5547	483111.13	3855921.03	6.20321	17.77519	8.55446	10.72677		5.62E-01	0.0752	0.00016	0.02485	0.66235		7.10E-01	0.094911	0.000136	0.014504	8.19E-01		0.69941	0.08163	0.000111	0.015404	0.796555

5548	482701.73	3855918.24	5.65751	18.7923	7.78955	9.52437	5.13E-01	0.0795	0.00015	0.02206	0.6144	6.47E-01	0.100342	0.000124	0.012878	7.60E-01	0.637882	0.086301	0.000101	0.013677	0.737962
5549	482668.02	3853521.78	14.37498	15.98829	10.32969	8.85294	1.30E+00	0.06764	0.00019	0.02051	1.39103	1.64E+00	0.08537	0.000164	0.01197	1.74E+00	1.620774	0.073424	0.000134	0.012713	1.707046
5550	482579.91	3853219.19	9.99963	15.52634	11.49559	10.39641	9.06E-01	0.06568	0.00022	0.02408	0.99617	1.14E+00	0.082903	0.000183	0.014057	1.24E+00	1.127455	0.071303	0.000149	0.01493	1.213837
5551	482434.06	3852961.94	9.64176	13.55757	11.31881	11.85359	8.74E-01	0.05736	0.00021	0.02746	0.95878	1.10E+00	0.072391	0.00018	0.016027	1.19E+00	1.087105	0.062261	0.000147	0.017022	1.166536
5552	482332.11	3852832.85	9.22576	12.82798	10.46188	11.18226	8.36E-01	0.05427	0.0002	0.0259	0.91642	1.06E+00	0.068495	0.000166	0.01512	1.14E+00	1.040201	0.058911	0.000136	0.016058	1.115306
5553	481334.99	3851818.96	6.91849	9.00654	7.4512	8.03017	6.27E-01	0.0381	0.00014	0.0186	0.68381	7.91E-01	0.048091	0.000118	0.010858	8.50E-01	0.780057	0.041361	9.67E-05	0.011532	0.833047
5554	481127.62	3851646.36	6.61132	8.59979	6.97124	7.45729	5.99E-01	0.03638	0.00013	0.01727	0.65292	7.56E-01	0.045919	0.000111	0.010083	8.12E-01	0.745424	0.039493	9.05E-05	0.010709	0.795717
5555	481025.04	3851591.73	6.32573	8.74771	6.85876	7.04277	5.73E-01	0.03701	0.00013	0.01631	0.6267	7.24E-01	0.046709	0.000109	0.009523	7.80E-01	0.713224	0.040173	8.9E-05	0.010114	0.763599
5556	480513.6	3851335.76	5.54059	7.00394	5.32296	3.99102	5.02E-01	0.02963	1E-04	0.00924	0.54107	6.34E-01	0.037398	8.46E-05	0.005396	6.77E-01	0.6247	0.032165	6.91E-05	0.005731	0.662665
5557	480523.56	3851317.66	5.62715	7.11676	5.48727	4.02312	5.10E-01	0.03011	0.0001	0.00932	0.54947	6.44E-01	0.038	8.72E-05	0.00544	6.87E-01	0.634459	0.032683	7.12E-05	0.005777	0.672991
5558	476921.56	3849569.11	2.49304	2.79732	2.43971	2.50168	2.26E-01	0.01183	4.6E-05	0.00579	0.2436	2.85E-01	0.014936	3.88E-05	0.003383	3.04E-01	0.281089	0.012846	3.17E-05	0.003593	0.29756
5559	476521.19	3849373.96	2.31011	2.59399	2.4547	2.33364	2.09E-01	0.01097	4.6E-05	0.00541	0.22577	2.64E-01	0.013851	3.9E-05	0.003155	2.81E-01	0.260464	0.011913	3.19E-05	0.003351	0.27576
5560	476391.45	3849333.38	2.28612	2.56039	2.29867	2.20847	2.07E-01	0.01083	4.3E-05	0.00512	0.22316	2.61E-01	0.013671	3.65E-05	0.002986	2.78E-01	0.257759	0.011758	2.98E-05	0.003171	0.272719
5561	476219.41	3849304.29	2.34248	2.62329	2.14386	2.05371	2.12E-01	0.0111	4E-05	0.00476	0.22818	2.68E-01	0.014007	3.41E-05	0.002777	2.85E-01	0.264114	0.012047	2.78E-05	0.002949	0.279138
5562	475679.11	3849218.47	2.0619	2.44896	1.90763	1.70846	1.87E-01	0.01036	3.6E-05	0.00396	0.20121	2.36E-01	0.013076	3.03E-05	0.00231	2.51E-01	0.232479	0.011247	2.48E-05	0.002453	0.246203
5563	475677.71	3849233.88	2.07559	2.47931	1.93509	1.73522	1.88E-01	0.01049	3.6E-05	0.00402	0.20264	2.37E-01	0.013238	3.08E-05	0.002346	2.53E-01	0.234022	0.011386	2.51E-05	0.002492	0.247925
5564	475492.74	3849204.66	2.09861	2.27843	2.04427	1.6035	1.90E-01	0.00964	3.8E-05	0.00371	0.20357	2.40E-01	0.012166	3.25E-05	0.002168	2.54E-01	0.236618	0.010463	2.65E-05	0.002303	0.24941
5565	475497.64	3849158.75	2.17225	2.36741	2.0173	1.61441	1.97E-01	0.01002	3.8E-05	0.00374	0.21065	2.48E-01	0.012641	3.21E-05	0.002183	2.63E-01	0.24492	0.010872	2.62E-05	0.002318	0.258137
5566	475391.35	3849141.94	2.10256	2.28752	2.09291	1.81703	1.91E-01	0.00968	3.9E-05	0.00421	0.20446	2.40E-01	0.012214	3.33E-05	0.002457	2.55E-01	0.237063	0.010505	2.72E-05	0.002609	0.250205
5567	475277	3849095.47	2.06316	2.26241	2.04308	1.87977	1.87E-01	0.00957	3.8E-05	0.00435	0.20093	2.36E-01	0.01208	3.25E-05	0.002542	2.51E-01	0.232621	0.01039	2.65E-05	0.002699	0.245736
5568	475183.93	3849025.66	2.04062	2.21136	2.00824	1.84805	1.85E-01	0.00936	3.8E-05	0.00428	0.1986	2.33E-01	0.011808	3.19E-05	0.002499	2.48E-01	0.230079	0.010155	2.61E-05	0.002654	0.242915
5569	474453.23	3848378.77	1.63752	1.89987	1.59379	1.42472	1.48E-01	0.00804	3E-05	0.0033	0.15976	1.87E-01	0.010144	2.53E-05	0.001926	1.99E-01	0.18463	0.008725	2.07E-05	0.002046	0.195421
5570	474569.63	3848399.34	1.70786	1.83969	1.56364	1.51736	1.55E-01	0.00778	2.9E-05	0.00351	0.1661	1.95E-01	0.009823	2.49E-05	0.002052	2.07E-01	0.192561	0.008449	2.03E-05	0.002179	0.203208
5571	474644.33	3848464.52	1.71576	1.87652	1.59632	1.51797	1.55E-01	0.00794	3E-05	0.00352	0.16697	1.96E-01	0.01002	2.54E-05	0.002052	2.08E-01	0.193451	0.008618	2.07E-05	0.00218	0.20427
5572	474719.04	3848529.7	1.72665	1.9302	1.60948	1.50866	1.56E-01	0.00817	3E-05	0.00349	0.16816	1.97E-01	0.010306	2.56E-05	0.00204	2.10E-01	0.194679	0.008864	2.09E-05	0.002167	0.205731
5573	474793.74	3848594.88	1.71879	1.96921	1.65539	1.49373	1.56E-01	0.00833	3.1E-05	0.00346	0.16758	1.97E-01	0.010515	2.63E-05	0.00202	2.09E-01	0.193793	0.009043	2.15E-05	0.002145	0.205003
5574	474868.45	3848660.07	1.74298	1.99884	1.69911	1.48739	1.58E-01	0.00846	3.2E-05	0.00345	0.16989	1.99E-01	0.010673	2.7E-05	0.002011	2.12E-01	0.19652	0.009179	2.21E-05	0.002136	0.207858
5575	474943.15	3848725.25	1.79882	2.03758	1.72883	1.47861	1.63E-01	0.00862	3.2E-05	0.00342	0.17509	2.06E-01	0.01088	2.75E-05	0.001999	2.19E-01	0.202816	0.009357	2.24E-05	0.002123	0.214319
5576	475017.86	3848790.43	1.87964	2.13524	1.78044	1.48976	1.70E-01	0.00903	3.3E-05	0.00345	0.18285	2.15E-01	0.011401	2.83E-05	0.002014	2.28E-01	0.211929	0.009806	2.31E-05	0.002139	0.223897
5577	475092.56	3848855.61	1.95625	2.2016	1.83351	1.52245	1.77E-01	0.00931	3.4E-05	0.00353	0.19015	2.24E-01	0.011755	2.91E-05	0.002059	2.38E-01	0.220567	0.010111	2.38E-05	0.002186	0.232887
5578	475232.58	3848959.38	2.03508	2.27356	1.886	1.5895	1.84E-01	0.00962	3.5E-05	0.00368	0.19776	2.33E-01	0.01214	3E-05	0.002149	2.47E-01	0.229455	0.010441	2.45E-05	0.002283	0.242203
5579	475368.47	3849029.98	2.01302	2.3105	1.88237	1.59854	1.82E-01	0.00977	3.5E-05	0.0037	0.19594	2.30E-01	0.012337	2.99E-05	0.002161	2.45E-01	0.226967	0.010611	2.44E-05	0.002296	0.239898
5580	475609.57	3849096.09	2.04608	2.20015	1.82896	1.70966	1.85E-01	0.00931	3.4E-05	0.00396	0.19872	2.34E-01	0.011748	2.91E-05	0.002312	2.48E-01	0.230695	0.010104	2.37E-05	0.002455	0.243278
5581	475680.68	3849116.62	2.11729	2.28021	1.91487	1.76918	1.92E-01	0.00965	3.6E-05	0.0041	0.20565	2.42E-01	0.012175	3.04E-05	0.002392	2.57E-01	0.238724	0.010472	2.49E-05	0.002541	0.251761
5582	475843.76	3849151.52	2.25198	2.46387	2.09346	1.74244	2.04E-01	0.01042	3.9E-05	0.00404	0.21858	2.58E-01	0.013156	3.33E-05	0.002356	2.73E-01	0.25391	0.011315	2.72E-05	0.002502	0.267754
5583	475935.73	3849165.89	2.20723	2.44919	2.13697	1.86352	2.00E-01	0.01036	4E-05	0.00432	0.21474	2.52E-01	0.013078	3.4E-05	0.00252	2.68E-01	0.248864	0.011248	2.77E-05	0.002676	0.262816
5584	476027.71	3849180.27	2.24754	2.49289	2.08917	1.97397	2.04E-01	0.01055	3.9E-05	0.00457	0.21883	2.57E-01	0.013311	3.32E-05	0.002669	2.73E-01	0.253409	0.011448	2.71E-05	0.002835	0.267719
5585	476119.68	3849194.64	2.24373	2.47957	2.15872	1.92974	2.03E-01	0.01049	4E-05	0.00447	0.21833	2.57E-01	0.01324	3.43E-05	0.002609	2.73E-01	0.25298	0.011387	2.8E-05	0.002771	0.267166
5586	476211.65	3849209.01	2.24901	2.46274	2.30388	1.97079	2.04E-01	0.01042	4.3E-05	0.00456	0.21884	2.57E-01	0.01315	3.66E-05	0.002665	2.73E-01	0.253575	0.01131	2.99E-05	0.00283	0.267745
5587	476497.8	3849283.9	2.30578	2.596	2.45138	2.29923	2.09E-01	0.01098	4.6E-05	0.00533	0.22531	2.64E-01	0.013861	3.9E-05	0.003109	2.81E-01	0.259976	0.011922	3.18E-05	0.003302	0.275231
5588	476603.73	3849323.77	2.39375	2.62065	2.42536	2.35869	2.17E-01	0.01109	4.5E-05	0.00546	0.23352	2.74E-01	0.013993	3.85E-05	0.003189	2.91E-01	0.269894	0.012035	3.15E-05	0.003387	0.285348
5589	476728.99	3849382.76	2.50847	2.74457	2.40813	2.30486	2.27E-01	0.01161	4.5E-05	0.00534	0.24432	2.87E-01	0.014655	3.83E-05	0.003116	3.05E-01	0.282829	0.012604	3.13E-05	0.00331	0.298774
5590	476801.27	3849418.65	2.54309	2.85513	2.40597	2.32926	2.30E-01	0.01208	4.5E-05	0.0054	0.24798	2.91E-01	0.015245	3.82E-05	0.003149	3.09E-01	0.286733	0.013112	3.12E-05	0.003345	0.303221
5591	476956.2	3849495.05	2.56713	2.99177	2.6056	2.45707	2.33E-01	0.01266	4.9E-05	0.00569	0.25104	2.94E-01	0.015975	4.14E-05	0.003322	3.13E-01	0.289443	0.013739	3.38E-05	0.003528	0.306745
5592	477038.84	3849535.56	2.58	3.03034	2.70428	2.40011	2.34E-01	0.01282	5.1E-05	0.00556	0.25223	2.95E-01	0.016181	4.3E-05	0.003245	3.15E-01	0.290894	0.013916	3.51E-05	0.003447	0.308292
5593	477121.48	3849576.08	2.60044	3.08297	2.79692	2.44355	2.36E-01	0.01304	5.2E-05	0.00566	0.25441	2.97E-01	0.016462	4.45E-05	0.003304	3.17E-01	0.293199	0.014158	3.63E-05	0.003509	0.310902
5594	477204.13	3849616.6	2.64111	3.18655	2.84347	2.51179	2.39E-01	0.01348	5.3E-05	0.00582	0.25869	3.02E-01	0.017015	4.52E-05	0.003396	3.23E-01	0.297784	0.014634	3.69E-05	0.003607	0.316062
5595	477286.78	3849657.12	2.74913	3.27191	2.95303	2.58159	2.49E-01	0.01384	5.5E-05	0.00598	0.26901	3.14E-01	0.01747	4.69E-05	0.003491	3.35E-01	0.309963	0.015026	3.83E-05	0.003707	0.328735
5596	477369.42	3849697.63	2.6954	3.23243	2.89263	2.65425	2.44E-01	0.01367	5.4E-05	0.00615	0.26414	3.08E-01	0.01726	4.6E-05	0.003589	3.29E-01	0.303905	0.014845	3.75E-05	0.003812	0.322599
5597	477452.07	3849738.15	2.67242	3.21329	2.88489	2.62062	2.42E-01	0.01359	5.4E-05	0.00607	0.2619	3.06E-01	0.017157	4.59E-05	0.003543	3.26E-01	0.301314	0.014757	3.74E-05	0.003763	0.319872
5598	477534.71	3849778.67	2.6254	3.03142	2.84197	2.53532	2.38E-01	0.01282	5.3E-05	0.00587	0.25667	3.00E-01	0.016186	4.52E-05	0.003428	3.20E-01	0.296013	0.013921	3.69E-05	0.003641	0.313612
5599	477617.35	3849819.18	2.61439	3.00461	2.80707	2.38048	2.37E-01	0.01271	5.3E-05	0.00551	0.2552	2.99E-01	0.016043	4.46E-05	0.003219	3.18E-01	0.294772	0.013798	3.64E-05	0.003418	0.312025
5600	477824.74	3849896.37	2.5648	2.89379	2.66669	2.15633	2.32E-01	0.01224	5E-05	0.00499	0.24971	2.93E-01	0.015451	4.24E-05	0.002916	3.12E-01	0.28918	0.013289	3.46E-05	0.003097	0.305601
5601	477906.31	3849936.37	2.65838	2.91721	2.6002	1.95741	2.41E-01	0.01234	4.9E-05	0.00453	0.25783	3.04E-01	0.015577	4.13E-05	0.002647	3.22E-01	0.299731	0.013397	3.38E-05	0.002811	0.315973
5602	477987.89	3849976.36	2.69616	2.99092	2.54108	1.96527	2.44E-01	0.01265	4.8E-05	0.00455	0.26158	3.08E-01	0.01597	4.04E-05	0.002657	3.27E-01	0.303991	0.013735	3.3E-05	0.002822	0.320582
5603	478069.47	3850016.36	2.68501	2.93566	2.5647	2.00715	2.43E-01	0.01242	4.8E-05	0.00465	0.26044	3.07E-01	0.015675	4.08E-05	0.002714	3.26E-01	0.302734	0.013482	3.33E-05	0.002882	0.319131
5604	478151.04	3850056.35	2.68605	2.90278	2.56552	2.13921	2.43E-01	0.01228	4.8E-05	0.00495	0.2607	3.07E-01	0.015499	4.08E-05	0.002892	3.26E-01	0.302851	0.013331	3.33E-05	0.003072	0.319287
5605	478232.62	3850096.35	2.70666	2.9356	2.5903	2.27721	2.45E-01	0.01242	4.8E-05	0.00527	0.26303	3.10E-01	0.015675	4.12E-05	0.003079	3.28E-01	0.305175	0.013481	3.36E-05	0.00327	0.32196
5606	478314.2	3850136.34	2.76655	3.06511	2.56733	2.25598	2.51E-01	0.01297	4.8E-05	0.00523	0.26895	3.16E-01	0.016366	4.08E-05	0.00305	3.36E-01	0.311928	0.014076	3.33E-05	0.00324	0.329277
5607	478395.77	3850176.34	2.79863	3.14218	2.57379	2.33389	2.54E-01	0.01329	4.8E-05	0.00541	0.27236	3.20E-01	0.016778	4.09E-05	0.003156	3.40E-01	0.315545	0.01443	3.34E-05	0.003352	0.33336
5608	478575.43	3850244.45	2.73471	3.12444	2.64372	2.30952	2.48E-01	0.01322	4.9E-05	0.00535	0.26644	3.13E-01	0.016683	4.2E-05	0.003123	3.33E-01	0.308338	0.014349	3.43E-05	0.003317	0.326037

5609	478665.06	3850287.29	2.64285	3.01448	2.7775	2.46677		2.40E-01	0.01275	5.2E-05	0.00571	0.25802		3.02E-01	0.016096	4.41E-05	0.003335	3.22E-01		0.29798	0.013844	3.61E-05	0.003542	0.315403
5610	478754.69	3850330.14	2.62811	3.04589	2.78863	2.34048		2.38E-01	0.01289	5.2E-05	0.00542	0.25652		3.01E-01	0.016264	4.43E-05	0.003165	3.20E-01		0.296319	0.013988	3.62E-05	0.003361	0.313704
5611	478844.32	3850372.99	2.82224	3.28982	2.66172	2.31507		2.56E-01	0.01392	5E-05	0.00536	0.27509		3.23E-01	0.017566	4.23E-05	0.00313	3.44E-01		0.318207	0.015108	3.46E-05	0.003325	0.336674
5612	478933.95	3850415.84	3.05086	3.59261	2.6043	2.47843		2.76E-01	0.0152	4.9E-05	0.00574	0.29746		3.49E-01	0.019183	4.14E-05	0.003351	3.72E-01		0.343983	0.016499	3.38E-05	0.003559	0.364075
5613	479023.58	3850458.68	3.14263	3.67577	2.579	2.54712		2.85E-01	0.01555	4.8E-05	0.0059	0.30629		3.59E-01	0.019627	4.1E-05	0.003444	3.83E-01		0.35433	0.016881	3.35E-05	0.003658	0.374902
5614	479110.66	3850441.9	3.18125	3.7198	2.85992	2.67599		2.88E-01	0.01574	5.4E-05	0.0062	0.31028		3.64E-01	0.019862	4.55E-05	0.003618	3.87E-01		0.358685	0.017083	3.71E-05	0.003843	0.379648
5615	479191.22	3850423.99	3.24086	3.79156	2.97147	2.44396		2.94E-01	0.01604	5.6E-05	0.00566	0.31545		3.71E-01	0.020245	4.72E-05	0.003304	3.94E-01		0.365406	0.017412	3.86E-05	0.00351	0.386366
5616	479274.32	3850465.71	3.39718	3.8746	3.0391	2.53383		3.08E-01	0.01639	5.7E-05	0.00587	0.33018		3.89E-01	0.020689	4.83E-05	0.003426	4.13E-01		0.383031	0.017794	3.94E-05	0.003639	0.404503
5617	479357.43	3850507.42	3.48537	4.03482	3.12055	2.78618		3.16E-01	0.01707	5.8E-05	0.00645	0.33943		3.99E-01	0.021544	4.96E-05	0.003767	4.24E-01		0.392974	0.018529	4.05E-05	0.004001	0.415545
5618	479440.53	3850549.14	3.69501	4.20064	3.28018	2.6361		3.35E-01	0.01777	6.1E-05	0.00611	0.35879		4.23E-01	0.022429	5.21E-05	0.003564	4.49E-01		0.416611	0.019291	4.26E-05	0.003786	0.43973
5619	479523.64	3850590.85	3.98931	4.47815	3.34026	2.50331		3.62E-01	0.01894	6.3E-05	0.0058	0.38633		4.56E-01	0.023911	5.31E-05	0.003385	4.84E-01		0.449793	0.020565	4.34E-05	0.003595	0.473997
5620	479606.74	3850632.57	4.2583	4.81212	3.34558	2.48824		3.86E-01	0.02036	6.3E-05	0.00576	0.41208		4.87E-01	0.025694	5.32E-05	0.003364	5.16E-01		0.480122	0.022099	4.34E-05	0.003573	0.505838
5621	479777.37	3850707.61	4.71817	5.44452	3.66487	3.04251		4.28E-01	0.02303	6.9E-05	0.00705	0.45772		5.40E-01	0.029071	5.82E-05	0.004114	5.73E-01		0.531972	0.025003	4.76E-05	0.004369	0.561392
5622	479864.9	3850740.95	4.88217	5.56792	4.33788	3.24037		4.42E-01	0.02356	8.1E-05	0.00751	0.47357		5.58E-01	0.02973	6.89E-05	0.004381	5.93E-01		0.550463	0.02557	5.63E-05	0.004653	0.580743
5623	479931.87	3850829.56	4.8923	5.62416	4.19972	3.31434		4.43E-01	0.02379	7.9E-05	0.00768	0.4749		5.60E-01	0.03003	6.67E-05	0.004481	5.94E-01		0.551605	0.025828	5.45E-05	0.00476	0.582247
5624	479995.55	3850926.75	4.86456	5.60727	3.83443	3.32335		4.41E-01	0.02372	7.2E-05	0.0077	0.47233		5.56E-01	0.02994	6.09E-05	0.004494	5.91E-01		0.548477	0.025751	4.98E-05	0.004773	0.57905
5625	480079.78	3850968.64	4.93726	5.86155	4.34035	3.52719		4.47E-01	0.0248	8.1E-05	0.00817	0.48047		5.65E-01	0.031298	6.9E-05	0.004769	6.01E-01		0.556674	0.026918	5.63E-05	0.005065	0.588714
5626	480164.01	3851010.54	5.09751	6.26057	4.74896	3.55306		4.62E-01	0.02649	8.9E-05	0.00823	0.49675		5.83E-01	0.033428	7.55E-05	0.004804	6.21E-01		0.574743	0.028751	6.16E-05	0.005102	0.608657
5627	480248.23	3851052.43	5.29328	6.57279	5.01414	3.63562		4.80E-01	0.02781	9.4E-05	0.00842	0.51601		6.05E-01	0.035096	7.97E-05	0.004916	6.46E-01		0.596816	0.030185	6.51E-05	0.005221	0.632286
5628	480332.46	3851094.33	5.4215	6.86924	5.21251	4.13865		4.91E-01	0.02906	9.8E-05	0.00959	0.53005		6.20E-01	0.036678	8.28E-05	0.005596	6.62E-01		0.611272	0.031546	6.77E-05	0.005943	0.648829
5629	480416.69	3851136.22	5.45715	6.99229	5.52492	4.57893		4.95E-01	0.02958	0.0001	0.01061	0.53483		6.24E-01	0.037335	8.78E-05	0.006191	6.68E-01		0.615292	0.032111	7.17E-05	0.006576	0.65405
5630	480579.95	3851215.17	5.61447	7.332	5.9412	5.68858		5.09E-01	0.03102	0.00011	0.01318	0.5531		6.42E-01	0.039149	9.44E-05	0.007692	6.89E-01		0.63303	0.033671	7.71E-05	0.008169	0.674947
5631	480658.98	3851252.22	5.68079	7.81886	6.21376	5.82206		5.15E-01	0.03308	0.00012	0.01348	0.56148		6.50E-01	0.041749	9.88E-05	0.007872	6.99E-01		0.640507	0.035907	8.07E-05	0.008361	0.684856
5632	480817.36	3851327.85	5.84474	7.77122	6.33831	6.62517		5.30E-01	0.03288	0.00012	0.01535	0.578		6.69E-01	0.041495	0.000101	0.008958	7.19E-01		0.658992	0.035688	8.23E-05	0.009514	0.704277
5633	480896.72	3851366.42	5.81912	7.8315	6.34874	6.73143		5.27E-01	0.03313	0.00012	0.01559	0.57618		6.66E-01	0.041816	0.000101	0.009102	7.17E-01		0.656104	0.035965	8.24E-05	0.009667	0.701818
5634	480976.07	3851405	5.98715	7.87768	6.08805	6.94492		5.43E-01	0.03333	0.00011	0.01609	0.59209		6.85E-01	0.042063	9.68E-05	0.00939	7.36E-01		0.675049	0.036177	7.9E-05	0.009973	0.721279
5635	481178	3851487.31	6.24659	7.81614	6.77819	7.08178		5.66E-01	0.03307	0.00013	0.0164	0.61567		7.14E-01	0.041734	0.000108	0.009575	7.66E-01		0.704301	0.035895	8.8E-05	0.01017	0.750453
5636	481244.9	3851557.17	6.36269	8.04517	6.9207	7.26123		5.77E-01	0.03404	0.00013	0.01682	0.62758		7.28E-01	0.042957	0.00011	0.009818	7.81E-01		0.717391	0.036946	8.98E-05	0.010428	0.764855
5637	481311.81	3851627.03	6.47362	8.29541	7.07516	7.42696		5.87E-01	0.03509	0.00013	0.0172	0.63908		7.40E-01	0.044294	0.000112	0.010042	7.95E-01		0.729898	0.038096	9.18E-05	0.010666	0.778751
5638	481378.71	3851696.89	6.59196	8.55543	7.23991	7.58384		5.97E-01	0.03619	0.00014	0.01757	0.65127		7.54E-01	0.045682	0.000115	0.010254	8.10E-01		0.743241	0.03929	9.4E-05	0.010891	0.793516
5639	481445.61	3851766.76	6.71904	8.78318	7.41495	7.7193		6.09E-01	0.03716	0.00014	0.01788	0.66407		7.69E-01	0.046898	0.000118	0.010437	8.26E-01		0.757569	0.040336	9.62E-05	0.011085	0.809087
5640	481512.51	3851836.62	6.86216	9.01488	7.60783	7.85789		6.22E-01	0.03814	0.00014	0.0182	0.67834		7.85E-01	0.048135	0.000121	0.010625	8.44E-01		0.773706	0.0414	9.88E-05	0.011284	0.826489
5641	481579.42	3851906.48	7.01415	9.25617	7.81201	8.00308		6.36E-01	0.03916	0.00015	0.01854	0.69348		8.02E-01	0.049424	0.000124	0.010821	8.63E-01		0.790843	0.042508	0.000101	0.011493	0.844945
5642	481646.32	3851976.34	7.16333	9.50187	8.02052	8.15324		6.49E-01	0.0402	0.00015	0.01888	0.70839		8.19E-01	0.050735	0.000127	0.011024	8.81E-01		0.807663	0.043636	0.000104	0.011708	0.863112
5643	481713.22	3852046.2	7.31864	9.80356	8.25917	8.2786		6.63E-01	0.04147	0.00015	0.01917	0.72403		8.37E-01	0.052346	0.000131	0.011194	9.01E-01		0.825174	0.045022	0.000107	0.011889	0.882191
5644	481780.12	3852116.06	7.46873	10.00427	8.47687	8.45228		6.77E-01	0.04232	0.00016	0.01958	0.73889		8.54E-01	0.053418	0.000135	0.011428	9.19E-01		0.842097	0.045943	0.00011	0.012138	0.900288
5645	481847.03	3852185.92	7.64394	10.13003	8.69559	8.65784		6.93E-01	0.04286	0.00016	0.02005	0.75578		8.74E-01	0.05409	0.000138	0.011706	9.40E-01		0.861852	0.046521	0.000113	0.012433	0.920918
5646	481913.93	3852255.78	7.81552	10.26047	8.91448	8.94564		7.08E-01	0.04341	0.00017	0.02072	0.77255		8.94E-01	0.054786	0.000142	0.012095	9.61E-01		0.881197	0.04712	0.000116	0.012846	0.941279
5647	481980.83	3852325.65	7.93521	10.40938	9.09595	9.21175		7.19E-01	0.04404	0.00017	0.02134	0.78465		9.08E-01	0.055581	0.000145	0.012455	9.76E-01		0.894692	0.047804	0.000118	0.013229	0.955843
5648	482047.73	3852395.51	8.11229	10.63027	9.3317	9.39936		7.35E-01	0.04497	0.00017	0.02177	0.80207		9.28E-01	0.056761	0.000148	0.012709	9.97E-01		0.914658	0.048818	0.000121	0.013498	0.977095
5649	482114.64	3852465.37	8.25986	10.83726	9.55687	9.66426		7.49E-01	0.04585	0.00018	0.02238	0.81694		9.45E-01	0.057866	0.000152	0.013067	1.02E+00		0.931296	0.049769	0.000124	0.013878	0.995068
5650	482181.54	3852535.23	8.44941	11.14687	9.85276	9.90552		7.66E-01	0.04716	0.00018	0.02294	0.83599		9.66E-01	0.059519	0.000157	0.013393	1.04E+00		0.952668	0.051191	0.000128	0.014225	1.018211
5651	482338.69	3852700.04	8.881	11.8909	10.53079	10.7809		8.05E-01	0.0503	0.0002	0.02497	0.88029		1.02E+00	0.063492	0.000167	0.014577	1.09E+00		1.00133	0.054607	0.000137	0.015482	1.071556
5652	482404.05	3852767.78	9.11978	12.12016	10.86758	11.11856		8.26E-01	0.05127	0.0002	0.02575	0.90368		1.04E+00	0.064716	0.000173	0.015034	1.12E+00		1.028252	0.05566	0.000141	0.015967	1.10002
5653	482469.4	3852835.52	9.39095	12.38051	11.26451	11.51495		8.51E-01	0.05238	0.00021	0.02667	0.93029		1.07E+00	0.066106	0.000179	0.015569	1.16E+00		1.058826	0.056856	0.000146	0.016536	1.132365
5654	482534.75	3852903.25	9.69238	12.69266	11.72291	11.93899		8.78E-01	0.0537	0.00022	0.02765	0.95991		1.11E+00	0.067773	0.000186	0.016143	1.19E+00		1.092813	0.058289	0.000152	0.017145	1.168399
5655	482600.11	3852970.98	10.01591	12.95142	12.16489	12.49673		9.08E-01	0.05479	0.00023	0.02894	0.99163		1.15E+00	0.069154	0.000193	0.016897	1.23E+00		1.12929	0.059478	0.000158	0.017946	1.206872
5656	482706.71	3853119.28	10.64455	14.16187	12.26991	13.07771		9.65E-01	0.05991	0.00023	0.03029	1.05506		1.22E+00	0.075618	0.000195	0.017682	1.31E+00		1.200169	0.065037	0.000159	0.01878	1.284145
5657	482747.96	3853199.84	10.93473	15.12966	12.65012	13.25801		9.91E-01	0.06401	0.00024	0.03071	1.08588		1.25E+00	0.080785	0.000201	0.017926	1.35E+00		1.232887	0.069481	0.000164	0.019039	1.321571
5658	482789.21	3853280.4	11.14802	15.95478	12.90028	13.70491		1.01E+00	0.0675	0.00024	0.03174	1.10974		1.28E+00	0.085191	0.000205	0.018531	1.38E+00		1.256935	0.07327	0.000167	0.019681	1.350054
5659	482830.46	3853360.96	11.44569	16.64057	13.67235	13.72854		1.04E+00	0.0704	0.00026	0.0318	1.13968		1.31E+00	0.088853	0.000217	0.018562	1.42E+00		1.290498	0.07642	0.000177	0.019715	1.38681
5660	482871.71	3853441.52	11.64437	17.42462	13.69758	13.52701		1.06E+00	0.07372	0.00026	0.03133	1.16054		1.33E+00	0.093039	0.000218	0.01829	1.44E+00		1.312899	0.08002	0.000178	0.019425	1.412522
5661	482912.95	3853522.07	11.6587	18.25727	13.93527	11.9764		1.06E+00	0.07724	0.00026	0.02774	1.16177		1.33E+00	0.097485	0.000221	0.016193	1.45E+00		1.314514	0.083844	0.000181	0.017199	1.415738
5662	482954.2	3853602.63	11.67123	19.30952	13.77567	11.77075		1.06E+00	0.08169	0.00026	0.02726	1.16688		1.33E+00	0.103104	0.000219	0.015915	1.45E+00		1.315927	0.088676	0.000179	0.016903	1.421686
5663	482995.45	3853683.19	12.06687	20.4134	13.84086	11.10167		1.09E+00	0.08636	0.00026	0.02571	1.20586		1.38E+00	0.108998	0.00022	0.015011	1.50E+00		1.360535	0.093746	0.00018	0.015943	1.470404
5664	483036.7	3853763.75	12.45907	21.60965	13.86844	10.80907		1.13E+00	0.09142	0.00026	0.02504	1.24578		1.43E+00	0.115385	0.00022	0.014615	1.56E+00		1.404756	0.09924	0.00018	0.015522	1.519698
5665	483214.2	3853909.91	13.68468	25.62	15.84141	10.69325		1.24E+00	0.10839	0.0003	0.02477	1.37358		1.57E+00	0.136799	0.000252	0.014458	1.72E+00		1.542943	0.117657	0.000206	0.015356	1.676161
5666	483307.01	3853910.44	13.89304	25.49007	17.36517	12.16111		1.26E+00	0.10784	0.00033	0.02817	1.39534		1.59E+00	0.136105	0.000276	0.016443	1.74E+00		1.566436	0.11706	0.000225	0.017464	1.701185
5667	483399.83	3853910.96	14.41476	25.44922	18.22133	13.76111		1.31E+00	0.10766	0.00034	0.03187	1.44617		1.65E+00	0.135887	0.00029	0.018607	1.80E+00		1.625259	0.116872	0.000237	0.019762	1.76213
5668	483494.52	3854009.24	14.76656	28.30164	18.92469	13.84882		1.34E+00	0.11973	0.00035	0.03208	1.49034		1.69E+00	0.151117	0.000301	0.018725	1.86E+00		1.664925	0.129972	0.000246	0.019888	1.81503
5669	483496.41	3854106.98	14.86119	29.89439	18.76997	12.48494		1.35E+00	0.12647	0.00035	0.02892	1.50249		1.70E+00	0.159622	0.000298	0.016881	1.88E+00		1.675594	0.137286	0.000244	0.017929	1.831053

5670	483577.56	3854261.96	16.52934	36.47797	19.43792	10.25983		1.50E+00	0.15432	0.00036	0.02376	1.67637		1.89E+00	0.194775	0.000309	0.013872	2.10E+00		1.863677	0.16752	0.000252	0.014734	2.046184
5671	483656.83	3854319.19	17.24481	40.10706	20.92557	9.99702		1.56E+00	0.16967	0.00039	0.02315	1.75598		1.97E+00	0.214152	0.000333	0.013517	2.20E+00		1.944346	0.184187	0.000272	0.014356	2.143161
5672	483736.1	3854376.41	18.15465	44.85902	22.17317	9.72136		1.65E+00	0.18978	0.00042	0.02252	1.85792		2.08E+00	0.239526	0.000352	0.013144	2.33E+00		2.046931	0.206009	0.000288	0.01396	2.267188
5673	483815.36	3854433.64	19.33624	45.39951	23.47493	9.44801		1.75E+00	0.19206	0.00044	0.02188	1.96668		2.21E+00	0.242412	0.000373	0.012775	2.47E+00		2.180154	0.208491	0.000305	0.013568	2.402518
5674	483894.63	3854490.87	20.77706	43.92864	24.54615	8.93817		1.88E+00	0.18584	0.00046	0.0207	2.08986		2.38E+00	0.234558	0.00039	0.012085	2.62E+00		2.342606	0.201737	0.000319	0.012836	2.557497
5675	483973.9	3854548.1	22.21265	40.5258	26.49357	8.49179		2.01E+00	0.17144	0.0005	0.01967	2.20457		2.54E+00	0.216388	0.000421	0.011482	2.77E+00		2.504469	0.18611	0.000344	0.012195	2.703117
5676	484053.17	3854605.32	23.26566	36.40236	27.09315	8.05407		2.11E+00	0.154	0.00051	0.01865	2.28155		2.66E+00	0.194371	0.000431	0.01089	2.87E+00		2.623195	0.167173	0.000352	0.011566	2.802286
5677	484214.97	3854698.15	24.63174	30.41917	29.58834	8.25485		2.23E+00	0.12869	0.00055	0.01912	2.38054		2.82E+00	0.162424	0.00047	0.011161	2.99E+00		2.77722	0.139696	0.000384	0.011854	2.929155
5678	484297.5	3854733.74	25.44391	32.62753	30.30136	8.66838		2.31E+00	0.13803	0.00057	0.02008	2.46446		2.91E+00	0.174215	0.000482	0.011721	3.10E+00		2.868792	0.149838	0.000393	0.012448	3.031471
5679	484380.03	3854769.34	25.49785	29.62963	30.62869	9.13598		2.31E+00	0.12535	0.00057	0.02116	2.45775		2.92E+00	0.158208	0.000487	0.012353	3.09E+00		2.874874	0.13607	0.000398	0.01312	3.024461
5680	484462.56	3854804.94	25.82467	34.35859	32.7751	9.93666		2.34E+00	0.14535	0.00061	0.02302	2.50927		2.95E+00	0.183458	0.000521	0.013435	3.15E+00		2.911723	0.157787	0.000425	0.01427	3.084205
5681	484545.09	3854840.53	27.84609	35.22222	33.00262	10.1161		2.52E+00	0.14901	0.00062	0.02343	2.69653		3.18E+00	0.18807	0.000525	0.013678	3.39E+00		3.139637	0.161754	0.000428	0.014527	3.316346
5682	484691.88	3854912.58	33.46972	53.71475	32.27034	11.01982		3.03E+00	0.22724	0.0006	0.02552	3.28647		3.83E+00	0.286811	0.000513	0.0149	4.13E+00		3.773699	0.246678	0.000419	0.015825	4.036621
5683	484830.81	3855012.51	29.10256	62.82441	30.58227	10.81033		2.64E+00	0.26578	0.00057	0.02504	2.92873		3.33E+00	0.335452	0.000486	0.014617	3.68E+00		3.281304	0.288513	0.000397	0.015524	3.585738
5684	484905.48	3855075.97	27.84149	63.3065	31.99971	11.58557		2.52E+00	0.26782	0.0006	0.02683	2.81831		3.18E+00	0.338026	0.000509	0.015665	3.54E+00		3.139118	0.290727	0.000415	0.016637	3.446898
5685	484980.14	3855139.44	27.50511	59.30736	32.28823	11.92366		2.49E+00	0.2509	0.0006	0.02762	2.77169		3.15E+00	0.316673	0.000513	0.016122	3.48E+00		3.101192	0.272361	0.000419	0.017123	3.391095
5686	485054.81	3855202.91	27.23858	55.81293	32.2727	12.00891		2.47E+00	0.23612	0.0006	0.02781	2.73295		3.12E+00	0.298014	0.000513	0.016237	3.43E+00		3.071141	0.256314	0.000419	0.017245	3.345119
5687	485129.48	3855266.37	27.14817	51.56381	31.64617	11.49295		2.46E+00	0.21814	0.00059	0.02662	2.70558		3.11E+00	0.275326	0.000503	0.01554	3.40E+00		3.060947	0.2368	0.000411	0.016504	3.314662
5688	485204.15	3855329.84	26.76167	47.36061	31.8625	12.06301		2.43E+00	0.20036	0.0006	0.02794	2.65409		3.06E+00	0.252883	0.000506	0.01631	3.33E+00		3.017369	0.217498	0.000414	0.017323	3.252603
5689	485278.82	3855393.31	26.47684	43.19833	31.80859	11.93654		2.40E+00	0.18275	0.0006	0.02765	2.61038		3.03E+00	0.230658	0.000506	0.016139	3.28E+00		2.985255	0.198383	0.000413	0.017141	3.201192
5690	485353.48	3855456.77	25.89778	39.03736	31.30785	12.1623		2.35E+00	0.16515	0.00059	0.02817	2.54082		2.96E+00	0.208441	0.000498	0.016445	3.19E+00		2.919966	0.179274	0.000406	0.017466	3.117112
5691	485428.15	3855520.24	25.52591	35.97748	31.01464	12.05976		2.31E+00	0.1522	0.00058	0.02793	2.49393		2.92E+00	0.192103	0.000493	0.016306	3.13E+00		2.878038	0.165222	0.000403	0.017318	3.060981
5692	485502.82	3855583.71	25.10733	34.0309	30.64537	12.02741		2.28E+00	0.14397	0.00057	0.02786	2.44768		2.87E+00	0.181709	0.000487	0.016262	3.07E+00		2.830843	0.156283	0.000398	0.017272	3.004795
5693	485577.49	3855647.17	24.70552	31.2985	30.51473	12.21437		2.24E+00	0.13241	0.00057	0.02829	2.40014		2.83E+00	0.167119	0.000485	0.016515	3.01E+00		2.785539	0.143734	0.000396	0.01754	2.94721
5694	485652.16	3855710.64	24.39325	28.61532	30.26915	12.65084		2.21E+00	0.12106	0.00057	0.0293	2.36149		2.79E+00	0.152792	0.000481	0.017105	2.96E+00		2.750331	0.131412	0.000393	0.018167	2.900303
5695	485726.83	3855774.1	24.28815	26.34735	29.85924	12.50415		2.20E+00	0.11146	0.00056	0.02896	2.34203		2.78E+00	0.140682	0.000475	0.016907	2.94E+00		2.738481	0.120997	0.000388	0.017957	2.877822
5696	485801.49	3855837.57	24.26809	25.06093	29.89587	12.10598		2.20E+00	0.10602	0.00056	0.02804	2.33385		2.78E+00	0.133813	0.000475	0.016369	2.93E+00		2.736219	0.115089	0.000388	0.017385	2.869081
5697	485876.16	3855901.04	23.99228	23.85421	29.65752	11.86651		2.17E+00	0.10092	0.00056	0.02749	2.30319		2.74E+00	0.12737	0.000471	0.016045	2.89E+00		2.705121	0.109547	0.000385	0.017041	2.832095
5698	485950.83	3855964.5	23.91231	23.63951	29.89506	11.47671		2.17E+00	0.10001	0.00056	0.02658	2.29413		2.74E+00	0.126224	0.000475	0.015518	2.88E+00		2.696105	0.108561	0.000388	0.016481	2.821535
5699	486025.5	3856027.97	23.74386	24.24582	29.78143	10.64307		2.15E+00	0.10257	0.00056	0.02465	2.2795		2.72E+00	0.129461	0.000473	0.014391	2.86E+00		2.677112	0.111346	0.000387	0.015284	2.804128
5700	486100.17	3856091.44	23.48693	24.8843	30.0097	11.29967		2.13E+00	0.10527	0.00056	0.02617	2.26044		2.69E+00	0.13287	0.000477	0.015278	2.84E+00		2.648143	0.114278	0.00039	0.016227	2.779038
5701	486174.83	3856154.9	23.41337	26.65124	29.99766	10.39296		2.12E+00	0.11275	0.00056	0.02407	2.25915		2.68E+00	0.142305	0.000477	0.014052	2.83E+00		2.639849	0.122392	0.000389	0.014925	2.777556
5702	486249.5	3856218.37	23.62289	27.07881	30.33318	9.29933		2.14E+00	0.11456	0.00057	0.02154	2.27742		2.70E+00	0.144588	0.000482	0.012574	2.86E+00		2.663473	0.124356	0.000394	0.013354	2.801577
5703	486324.17	3856281.84	23.75671	28.4765	30.67486	8.63265		2.15E+00	0.12047	0.00057	0.01999	2.29392		2.72E+00	0.152051	0.000488	0.011672	2.88E+00		2.678561	0.130775	0.000398	0.012397	2.822131
5704	486398.84	3856345.3	23.98047	31.41836	31.47344	8.81295		2.17E+00	0.13292	0.00059	0.02041	2.32708		2.74E+00	0.167759	0.0005	0.011916	2.92E+00		2.70379	0.144285	0.000409	0.012656	2.861139
5705	486473.51	3856408.77	24.09522	33.63406	32.04454	8.89124		2.18E+00	0.14229	0.0006	0.02059	2.34704		2.76E+00	0.17959	0.000509	0.012022	2.95E+00		2.716728	0.15446	0.000416	0.012768	2.884372
5706	486548.17	3856472.24	24.02875	36.78806	32.12716	9.26013		2.18E+00	0.15563	0.0006	0.02145	2.35522		2.75E+00	0.196431	0.000511	0.012521	2.96E+00		2.709233	0.168944	0.000417	0.013298	2.891893
5707	486622.84	3856535.7	23.85504	40.6906	32.1841	9.74854		2.16E+00	0.17214	0.0006	0.02258	2.35712		2.73E+00	0.217268	0.000512	0.013181	2.96E+00		2.689648	0.186866	0.000418	0.013999	2.890931
5708	486765.48	3856659.69	23.19376	49.24918	30.97017	11.12597		2.10E+00	0.20835	0.00058	0.02577	2.33657		2.65E+00	0.262967	0.000492	0.015044	2.93E+00		2.615089	0.226171	0.000402	0.015977	2.857639
5709	486833.44	3856720.2	23.18542	52.4234	30.44653	11.84896		2.10E+00	0.22178	0.00057	0.02744	2.3509		2.65E+00	0.279916	0.000484	0.016021	2.95E+00		2.614148	0.240748	0.000395	0.017016	2.872307
5710	486901.41	3856780.72	22.9888	58.83526	29.79872	12.72386		2.08E+00	0.2489	0.00056	0.02947	2.36223		2.63E+00	0.314152	0.000474	0.017204	2.96E+00		2.591979	0.270193	0.000387	0.018272	2.880832
5711	486969.38	3856841.24	23.0524	64.89724	29.40598	13.51521		2.09E+00	0.27455	0.00055	0.0313	2.39546		2.64E+00	0.34652	0.000467	0.018274	3.00E+00		2.59915	0.298032	0.000382	0.019409	2.916973
5712	487037.34	3856901.75	23.10775	76.48388	29.12346	14.41819		2.09E+00	0.32357	0.00055	0.0334	2.45158		2.64E+00	0.408387	0.000463	0.019495	3.07E+00		2.605391	0.351242	0.000378	0.020705	2.977717
5713	487271.23	3856855.51	17.03282	62.7454	23.53547	12.26418		1.54E+00	0.26545	0.00044	0.02841	1.83784		1.95E+00	0.33503	0.000374	0.016583	2.30E+00		1.920445	0.28815	0.000305	0.017612	2.226512
5714	487368.96	3856857.29	16.08848	60.67421	22.17352	12.20957		1.46E+00	0.25668	0.00042	0.02828	1.74335		1.84E+00	0.323971	0.000352	0.016509	2.18E+00		1.813971	0.278639	0.000288	0.017534	2.110431
5715	487466.68	3856859.06	15.21377	55.86386	20.8691	12.15035		1.38E+00	0.23633	0.00039	0.02814	1.64357		1.74E+00	0.298286	0.000332	0.016429	2.06E+00		1.715347	0.256548	0.000271	0.017449	1.989614
5716	487636.44	3856930	14.42123	56.03455	19.71262	12.83606		1.31E+00	0.23705	0.00037	0.02973	1.57404		1.65E+00	0.299198	0.000313	0.017356	1.97E+00		1.625989	0.257331	0.000256	0.018433	1.902009
5717	487709.57	3856928.43	13.94593	54.09753	18.90962	13.02498		1.26E+00	0.22886	0.00035	0.03017	1.52319		1.60E+00	0.288855	0.000301	0.017611	1.90E+00		1.572399	0.248436	0.000245	0.018705	1.839785
5718	487782.54	3856841.96	13.00658	50.09606	17.52718	11.85265		1.18E+00	0.21193	0.00033	0.02745	1.4184		1.49E+00	0.267489	0.000279	0.016026	1.77E+00		1.466487	0.23006	0.000228	0.017021	1.713796
5719	487849.83	3856754.74	12.01438	44.92652	16.12214	10.87962		1.09E+00	0.19006	0.0003	0.0252	1.30433		1.37E+00	0.239886	0.000256	0.01471	1.63E+00		1.354617	0.206319	0.000209	0.015624	1.576769
5720	487918.03	3856819.39	11.95731	46.25163	16.08103	11.77762		1.08E+00	0.19567	0.0003	0.02728	1.30684		1.37E+00	0.246962	0.000256	0.015925	1.63E+00		1.348183	0.212405	0.000209	0.016913	1.577709
5721	487918.8	3856886.37	12.35192	47.5672	16.66153	12.54575		1.12E+00	0.20123	0.00031	0.02906	1.34996		1.41E+00	0.253986	0.000265	0.016963	1.68E+00		1.392675	0.218446	0.000216	0.018016	1.629354
5722	488065.47	3857127.5	12.95938	48.31804	17.48665	14.64127		1.17E+00	0.20441	0.00033	0.03391	1.41306		1.48E+00	0.257995	0.000278	0.019797	1.76E+00		1.461166	0.221894	0.000227	0.021026	1.704313
5723	488192.19	3857385.83	13.08921	45.46226	18.21227	17.53353		1.19E+00	0.19233	0.00034	0.04061	1.41945		1.50E+00	0.242747	0.000289	0.023707	1.76E+00		1.475804	0.20878	0.000236	0.025179	1.709999
5724	488191.22	3857473.87	13.06663	44.32806	18.80645	18.82941		1.18E+00	0.18753	0.00035	0.04361	1.41562		1.49E+00	0.236691	0.000299	0.025459	1.76E+00		1.473258	0.203571	0.000244	0.02704	1.704113
5725	488190.24	3857561.9	13.06822	43.59	19.1364	19.75269		1.18E+00	0.18441	0.00036	0.04575	1.41479		1.49E+00	0.23275	0.000304	0.026708	1.75E+00		1.473437	0.200181	0.000248	0.028366	1.702233
5726	488158.35	3857691.13	12.57306	40.48615	19.69698	21.59463		1.14E+00	0.17128	0.00037	0.05002	1.36106		1.44E+00	0.216177	0.000313	0.029198	1.68E+00		1.417608	0.185927	0.000256	0.031011	1.634802
5727	488208.37	3857816.66	11.82835	35.54337	19.85689	23.63162		1.07E+00	0.15037	0.00037	0.05474	1.27738		1.35E+00	0.189785	0.000316	0.031953	1.57E+00		1.333642	0.163228	0.000258	0.033936	1.531065
5728	488271.97	3857874.6	11.50549	32.69371	19.71318	24.73209		1.04E+00	0.13831	0.00037	0.05728	1.23862		1.32E+00	0.174569	0.000313	0.03344	1.52E+00		1.29724	0.150142	0.000256	0.035517	1.483154
5729	488463.56	3857942.31	11.13102	30.05441	18.10068	24.1585		1.01E+00	0.12715	0.00034	0.05596	1.19216		1.27E+00	0.160476	0.000288	0.032665	1.47E+00		1.255019	0.138021	0.000235	0.034693	1.427968
5730	488554.83	3857940.83	10.91671	29.84627	17.52269	22.63037		9.89E-01	0.12626	0.00033	0.05242	1.1683		1.25E+00	0.159365	0.000278	0.030599	1.44E+00		1.230855	0.137065	0.000227	0.032498	1.400646

5731	488646.1	3857939.36	10.8156	29.35084	16.93358	21.56664	9.80E-01	0.12417	0.00032	0.04995	1.15457	1.24E+00	0.156719	0.000269	0.02916	1.42E+00	1.219455	0.13479	0.00022	0.030971	1.385436
5732	488737.37	3857937.88	10.77078	28.38071	16.57937	20.46058	9.76E-01	0.12006	0.00031	0.04739	1.14384	1.23E+00	0.151539	0.000263	0.027665	1.41E+00	1.214402	0.130335	0.000215	0.029382	1.374334
5733	488733.59	3857960.57	10.61439	28.41364	16.56388	20.858	9.62E-01	0.1202	0.00031	0.04831	1.13072	1.21E+00	0.151715	0.000263	0.028202	1.39E+00	1.196769	0.130486	0.000215	0.029953	1.357423
5734	488638.09	3857961.57	10.74379	28.81064	17.08963	22.08939	9.74E-01	0.12188	0.00032	0.05116	1.14699	1.23E+00	0.153835	0.000272	0.029867	1.41E+00	1.211359	0.132309	0.000222	0.031722	1.375611
5735	488542.6	3857962.56	10.84775	29.50953	17.56921	23.32364	9.83E-01	0.12484	0.00033	0.05402	1.16224	1.24E+00	0.157567	0.000279	0.031536	1.43E+00	1.22308	0.135519	0.000228	0.033494	1.392321
5736	488447.1	3857963.56	11.16914	29.57485	18.18529	24.98115	1.01E+00	0.12512	0.00034	0.05786	1.19549	1.28E+00	0.157916	0.000289	0.033777	1.47E+00	1.259317	0.135819	0.000236	0.035874	1.431246
5737	488254.28	3857890.36	11.43617	31.97181	20.08189	25.88909	1.04E+00	0.13526	0.00038	0.05996	1.23197	1.31E+00	0.170714	0.000319	0.035005	1.51E+00	1.289424	0.146826	0.000261	0.037178	1.473689
5738	488191.69	3857833.06	11.71638	34.34488	20.45983	24.25771	1.06E+00	0.1453	0.00038	0.05619	1.26363	1.34E+00	0.183385	0.000325	0.032799	1.56E+00	1.321018	0.157724	0.000266	0.034835	1.513843
5739	488129.5	3857907.43	11.63256	31.81278	21.78494	30.51456	1.05E+00	0.13458	0.00041	0.07068	1.25984	1.33E+00	0.169865	0.000346	0.041259	1.54E+00	1.311567	0.146096	0.000283	0.043821	1.501767
5740	488196.47	3857968.73	11.35582	28.95682	20.66796	33.10327	1.03E+00	0.1225	0.00039	0.07667	1.22865	1.30E+00	0.154616	0.000328	0.044759	1.50E+00	1.280365	0.13298	0.000268	0.047538	1.461152
5741	488263.44	3858030.04	11.23571	26.43986	19.61159	34.17261	1.02E+00	0.11185	0.00037	0.07915	1.20958	1.29E+00	0.141176	0.000312	0.046205	1.47E+00	1.266822	0.121422	0.000255	0.049074	1.437572
5742	488400.64	3858132.9	10.70128	22.19149	17.4743	28.59918	9.70E-01	0.09388	0.00033	0.06624	1.13022	1.22E+00	0.118492	0.000278	0.038669	1.38E+00	1.206566	0.101912	0.000227	0.04107	1.349774
5743	488519.89	3858218.38	10.32443	20.76769	16.2761	27.20066	9.36E-01	0.08786	0.0003	0.063	1.08679	1.18E+00	0.11089	0.000259	0.036778	1.33E+00	1.164076	0.095373	0.000211	0.039062	1.298722
5744	488647.97	3858214.99	10.64511	23.20904	16.81702	27.23711	9.65E-01	0.09819	0.00031	0.06309	1.12627	1.22E+00	0.123925	0.000267	0.036828	1.38E+00	1.200233	0.106585	0.000218	0.039114	1.346149
5745	488727.05	3858167.67	10.47629	25.07407	16.84073	24.99347	9.49E-01	0.10608	0.00032	0.05789	1.11366	1.20E+00	0.133884	0.000268	0.033794	1.37E+00	1.181198	0.115149	0.000219	0.035892	1.332458
5746	488806.12	3858120.35	10.31559	24.75509	16.23397	22.5042	9.35E-01	0.10473	0.0003	0.05212	1.09197	1.18E+00	0.13218	0.000258	0.030428	1.34E+00	1.163079	0.113685	0.000211	0.032317	1.309292
5747	488885.2	3858073.03	10.18629	25.38431	15.8936	20.74545	9.23E-01	0.10739	0.0003	0.04805	1.07884	1.17E+00	0.13554	0.000253	0.02805	1.33E+00	1.148501	0.116574	0.000206	0.029792	1.295073
5748	489055.76	3857991.17	10.17547	24.98584	15.59443	18.06215	9.22E-01	0.1057	0.00029	0.04184	1.06995	1.16E+00	0.133412	0.000248	0.024422	1.32E+00	1.147281	0.114744	0.000202	0.025938	1.288166
5749	489245.39	3857944.54	10.13225	23.17727	14.45252	16.21218	9.18E-01	0.09805	0.00027	0.03755	1.05408	1.16E+00	0.123756	0.00023	0.021921	1.30E+00	1.142408	0.106439	0.000188	0.023282	1.272315
5750	489430.63	3857930.91	9.64176	21.92557	13.22884	14.8355	8.74E-01	0.09276	0.00025	0.03436	1.00112	1.10E+00	0.117072	0.00021	0.020059	1.24E+00	1.087105	0.10069	0.000172	0.021305	1.209272
5751	489517.74	3857929.36	9.17067	21.24903	12.98431	14.19177	8.31E-01	0.08989	0.00024	0.03287	0.95407	1.05E+00	0.11346	0.000206	0.019189	1.18E+00	1.03399	0.097583	0.000169	0.02038	1.152122
5752	489604.85	3857927.82	8.85776	20.68468	12.55587	13.61418	8.03E-01	0.08751	0.00024	0.03153	0.92198	1.01E+00	0.110446	0.0002	0.018408	1.14E+00	0.998709	0.094992	0.000163	0.019551	1.113415
5753	489691.97	3857926.28	8.6589	20.63166	12.14278	13.10706	7.85E-01	0.08728	0.00023	0.03036	0.90256	9.90E-01	0.110163	0.000193	0.017722	1.12E+00	0.976288	0.094748	0.000158	0.018822	1.090016
5754	489779.08	3857924.73	8.41225	19.80962	11.78863	12.54251	7.62E-01	0.0838	0.00022	0.02905	0.87541	9.62E-01	0.105774	0.000187	0.016959	1.09E+00	0.948478	0.090973	0.000153	0.018012	1.057616
5755	490017.54	3857875.08	7.75294	17.3776	10.54589	11.02019	7.03E-01	0.07352	0.0002	0.02552	0.80183	8.87E-01	0.092788	0.000168	0.0149	9.95E-01	0.874141	0.079804	0.000137	0.015826	0.969908
5756	490033.82	3857960.81	7.8778	17.90601	10.68457	11.36006	7.14E-01	0.07575	0.0002	0.02631	0.81617	9.01E-01	0.09561	0.00017	0.01536	1.01E+00	0.888219	0.082231	0.000139	0.016314	0.986903
5757	489959.15	3857987.49	7.98479	18.37568	11.23823	11.98031	7.24E-01	0.07774	0.00021	0.02775	0.8293	9.13E-01	0.098117	0.000179	0.016199	1.03E+00	0.900282	0.084388	0.000146	0.017204	1.002021
5758	489791.49	3858016.12	8.51271	18.92947	12.03171	13.12166	7.71E-01	0.08008	0.00023	0.03039	0.88214	9.74E-01	0.101074	0.000191	0.017742	1.09E+00	0.959805	0.086931	0.000156	0.018843	1.065736
5759	489698.51	3858018.07	8.81967	19.54933	12.51011	13.66901	7.99E-01	0.0827	0.00023	0.03166	0.91385	1.01E+00	0.104384	0.000199	0.018482	1.13E+00	0.994415	0.089778	0.000162	0.019629	1.103984
5760	489605.52	3858020.02	9.25559	19.62077	12.73448	14.34229	8.39E-01	0.08301	0.00024	0.03322	0.95522	1.06E+00	0.104766	0.000202	0.019392	1.18E+00	1.043565	0.090106	0.000165	0.020596	1.154432
5761	489512.53	3858021.96	9.51219	20.55022	13.02016	14.97823	8.62E-01	0.08694	0.00024	0.03469	0.98389	1.09E+00	0.109728	0.000207	0.020252	1.22E+00	1.072496	0.094374	0.000169	0.02151	1.188549
5762	489419.55	3858023.91	9.73653	21.84476	13.82633	15.69894	8.82E-01	0.09241	0.00026	0.03636	1.01138	1.11E+00	0.116641	0.00022	0.021227	1.25E+00	1.09779	0.100319	0.000179	0.022545	1.220834
5763	489228.47	3858041.29	9.90137	23.62523	15.03869	17.02708	8.97E-01	0.09995	0.00028	0.03944	1.03695	1.13E+00	0.126147	0.000239	0.023022	1.28E+00	1.116376	0.108496	0.000195	0.024452	1.249519
5764	489065.75	3858085.78	10.08918	24.44101	15.40636	18.81914	9.14E-01	0.1034	0.00029	0.04359	1.06158	1.15E+00	0.130503	0.000245	0.025446	1.31E+00	1.137552	0.112242	0.0002	0.027025	1.277019
5765	489001.12	3858114.86	10.11037	24.14964	15.52829	20.00141	9.16E-01	0.10217	0.00029	0.04633	1.06501	1.16E+00	0.128948	0.000247	0.027044	1.31E+00	1.139941	0.110904	0.000202	0.028723	1.27977
5766	488861.89	3858189.81	10.123	23.6754	16.00417	22.79088	9.17E-01	0.10016	0.0003	0.05279	1.07061	1.16E+00	0.126415	0.000254	0.030816	1.32E+00	1.141365	0.108726	0.000208	0.032729	1.283028
5767	488787.28	3858235.69	10.40246	23.76068	16.62898	24.93995	9.43E-01	0.10052	0.00031	0.05777	1.10129	1.19E+00	0.126871	0.000264	0.033722	1.35E+00	1.172874	0.109118	0.000216	0.035815	1.318023
5768	488712.68	3858281.57	10.57336	21.61015	16.16639	26.14851	9.58E-01	0.09142	0.0003	0.06056	1.11047	1.21E+00	0.115388	0.000257	0.035356	1.36E+00	1.192143	0.099242	0.00021	0.037551	1.329145
5769	488654.39	3858436.17	10.13565	18.32989	13.15764	26.49185	9.19E-01	0.07754	0.00025	0.06136	1.05767	1.16E+00	0.097873	0.000209	0.03582	1.29E+00	1.142791	0.084178	0.000171	0.038044	1.265183
5770	488726.3	3858505.26	10.17044	17.78193	13.01289	25.55833	9.22E-01	0.07523	0.00024	0.0592	1.05633	1.16E+00	0.094947	0.000207	0.034558	1.29E+00	1.146714	0.081661	0.000169	0.036703	1.265247
5771	488880.6	3858599.28	7.77583	13.51141	10.45071	18.73143	7.05E-01	0.05716	0.0002	0.04339	0.8054	8.89E-01	0.072144	0.000166	0.025327	9.87E-01	0.876722	0.062049	0.000136	0.026899	0.965807
5772	489008.06	3858714.75	7.53747	12.64592	10.03372	17.15678	6.83E-01	0.0535	0.00019	0.03974	0.77649	8.62E-01	0.067523	0.000159	0.023198	9.53E-01	0.849847	0.058075	0.00013	0.024638	0.93269
5773	489071.48	3858772.72	7.43561	12.209	9.83294	16.52852	6.74E-01	0.05165	0.00018	0.03828	0.76395	8.50E-01	0.06519	0.000156	0.022348	9.38E-01	0.838362	0.056068	0.000128	0.023736	0.918294
5774	489244.59	3858920.19	7.12845	11.32929	9.12565	15.14244	6.46E-01	0.04793	0.00017	0.03507	0.72917	8.15E-01	0.060493	0.000145	0.020474	8.96E-01	0.80373	0.052028	0.000118	0.021745	0.877622
5775	489239.69	3858952.23	8.28966	10.89099	8.26951	14.53917	7.51E-01	0.04607	0.00015	0.03368	0.83113	9.48E-01	0.058153	0.000131	0.019659	1.03E+00	0.934656	0.050015	0.000107	0.020879	1.005658
5776	489121.67	3858854.49	8.96751	12.8928	9.60475	17.53814	8.13E-01	0.05454	0.00018	0.04062	0.908	1.03E+00	0.068841	0.000153	0.023713	1.12E+00	1.011084	0.059209	0.000125	0.025186	1.095603
5777	489059.59	3858797.27	9.0371	13.4857	9.96751	18.32337	8.19E-01	0.05705	0.00019	0.04244	0.91864	1.03E+00	0.072007	0.000158	0.024775	1.13E+00	1.01893	0.061931	0.000129	0.026313	1.107304
5778	488997.52	3858740.04	9.00203	13.88218	10.15971	19.02774	8.16E-01	0.05873	0.00019	0.04407	0.91877	1.03E+00	0.074124	0.000161	0.025728	1.13E+00	1.014976	0.063752	0.000132	0.027325	1.106185
5779	488935.44	3858682.82	8.91144	14.16377	10.33183	19.57199	8.08E-01	0.05992	0.00019	0.04533	0.91302	1.02E+00	0.075628	0.000164	0.026463	1.12E+00	1.004762	0.065045	0.000134	0.028106	1.098048
5780	488869.17	3858848.43	21.66015	18.6544	13.1774	27.53953	1.96E+00	0.07892	0.00025	0.06379	2.10584	2.48E+00	0.099606	0.000209	0.037236	2.61E+00	2.442174	0.085668	0.000171	0.039548	2.567562
5781	488932.48	3858892.69	20.06096	18.24959	12.99633	26.8833	1.82E+00	0.07721	0.00024	0.06227	1.95768	2.29E+00	0.097444	0.000207	0.036349	2.43E+00	2.261866	0.083809	0.000169	0.038606	2.38445
5782	489063.27	3858977.17	15.89488	17.77259	12.72648	25.05604	1.44E+00	0.07519	0.00024	0.05803	1.57389	1.82E+00	0.094897	0.000202	0.033878	1.95E+00	1.792142	0.081618	0.000165	0.035982	1.909908
5783	489248.2	3859117.15	11.74584	14.49132	10.50656	20.24	1.06E+00	0.06131	0.0002	0.04688	1.17281	1.34E+00	0.077377	0.000167	0.027367	1.45E+00	1.324339	0.06655	0.000136	0.029066	1.420091
5784	489296.25	3859049.22	10.52792	13.90086	10.50677	18.59573	9.54E-01	0.05881	0.0002	0.04307	1.05614	1.20E+00	0.074224	0.000167	0.025143	1.30E+00	1.187019	0.063838	0.000136	0.026704	1.277698
5785	489353.38	3858993.96	8.07932	12.80072	9.973	16.68783	7.32E-01	0.05415	0.00019	0.03865	0.82516	9.24E-01	0.06835	0.000159	0.022564	1.02E+00	0.910941	0.058786	0.000129	0.023965	0.99382
5786	489537.24	3859120.22	8.80084	13.33745	10.55072	17.05989	7.98E-01	0.05642	0.0002	0.03951	0.89369	1.01E+00	0.071216	0.000168	0.023067	1.10E+00	0.992292	0.061251	0.000137	0.024499	1.078178
5787	489726.98	3859246.04	8.85901	13.09964	10.37686	16.73743	8.03E-01	0.05542	0.00019	0.03877	0.8972	1.01E+00	0.069946	0.000165	0.022631	1.11E+00	0.99885	0.060158	0.000135	0.024036	1.083179
5788	489911.46	3859366.33	8.74729	12.73575	10.13745	16.01049	7.93E-01	0.05388	0.00019	0.03708	0.88385	1.00E+00	0.068003	0.000161	0.021648	1.09E+00	0.986254	0.058487	0.000132	0.022992	1.067865
5789	490035.3	3859430.26	8.53621	12.6361	9.72882	15.79618	7.74E-01	0.05346	0.00018	0.03659	0.8638	9.76E-01	0.067471	0.000155	0.021358	1.07E+00	0.962455	0.05803	0.000126	0.022684	1.043295
5790	490101.11	3859458.61	8.44289	12.7053	9.42562	15.85576	7.65E-01	0.05375	0.00018	0.03672	0.85576	9.66E-01	0.06784	0.00015	0.021439	1.06E+00	0.951933	0.058347	0.000122	0.02277	1.033172
5791	490312.68	3859560.3	8.09718	12.0341	8.88703	14.89413	7.34E-01	0.05091	0.00017	0.0345	0.81936	9.26E-01	0.064256	0.000141	0.020138	1.01E+00	0.912954	0.055265	0.000115	0.021389	0.989723

5792	490401.63	3859603.12	7.81254	11.74176	8.73967	14.41741	7.08E-01	0.04967	0.00016	0.03339	0.79122	8.94E-01	0.062695	0.000139	0.019494	9.76E-01	0.880861	0.053923	0.000113	0.020704	0.955601
5793	490490.57	3859645.94	7.529	11.35442	8.60649	13.97674	6.82E-01	0.04803	0.00016	0.03237	0.76286	8.61E-01	0.060627	0.000137	0.018898	9.41E-01	0.848892	0.052144	0.000112	0.020071	0.921219
5794	490579.51	3859688.76	7.41796	11.2986	8.36304	13.82184	6.72E-01	0.0478	0.00016	0.03201	0.7522	8.48E-01	0.060329	0.000133	0.018689	9.28E-01	0.836372	0.051887	0.000109	0.019849	0.908217
5795	490668.45	3859731.58	7.32592	11.06457	8.20296	13.48619	6.64E-01	0.04681	0.00015	0.03124	0.74209	8.38E-01	0.05908	0.00013	0.018235	9.15E-01	0.825995	0.050813	0.000106	0.019367	0.896281
5796	490757.4	3859774.4	7.11432	10.88079	8.16103	13.34075	6.45E-01	0.04603	0.00015	0.0309	0.7218	8.14E-01	0.058098	0.00013	0.018038	8.90E-01	0.802137	0.049969	0.000106	0.019158	0.87137
5797	491003.53	3859861.82	6.81538	10.06153	8.04229	11.9686	6.18E-01	0.04257	0.00015	0.02772	0.68806	7.80E-01	0.053724	0.000128	0.016183	8.50E-01	0.768432	0.046206	0.000104	0.017188	0.83193
5798	491081.41	3859879.05	6.72785	10.03715	8.01482	12.11627	6.10E-01	0.04246	0.00015	0.02806	0.68037	7.70E-01	0.053594	0.000127	0.016383	8.40E-01	0.758563	0.046094	0.000104	0.0174	0.822161
5799	491229.76	3859917.82	6.44003	9.49346	7.68083	11.38325	5.84E-01	0.04016	0.00014	0.02637	0.65028	7.37E-01	0.050691	0.000122	0.015391	8.03E-01	0.726111	0.043597	9.97E-05	0.016347	0.786155
5800	491300.22	3859939.35	6.23159	9.11088	7.39402	11.01146	5.65E-01	0.03854	0.00014	0.0255	0.62891	7.13E-01	0.048648	0.000118	0.014889	7.76E-01	0.70261	0.041841	9.6E-05	0.015813	0.760359
5801	491350.48	3860012.03	6.18045	9.10348	7.35864	11.11354	5.60E-01	0.03851	0.00014	0.02574	0.62448	7.07E-01	0.048608	0.000117	0.015027	7.71E-01	0.696844	0.041807	9.55E-05	0.01596	0.754705
5802	491406.82	3860092.56	6.0023	8.74243	7.1104	10.88798	5.44E-01	0.03698	0.00013	0.02522	0.60628	6.87E-01	0.04668	0.000113	0.014722	7.48E-01	0.676757	0.040148	9.23E-05	0.015636	0.732634
5803	491483.36	3860121.96	5.93246	8.7195	7.07769	10.80476	5.38E-01	0.03689	0.00013	0.02503	0.59966	6.79E-01	0.046558	0.000112	0.014609	7.40E-01	0.668883	0.040043	9.19E-05	0.015516	0.724534
5804	491559.91	3860151.35	5.84242	8.54977	6.8702	10.45539	5.29E-01	0.03617	0.00013	0.02422	0.58997	6.68E-01	0.045652	0.000109	0.014137	7.28E-01	0.658731	0.039264	8.92E-05	0.015014	0.713098
5805	491711.81	3860237.76	5.80475	8.48043	6.72192	10.02683	5.26E-01	0.03588	0.00013	0.02322	0.58527	6.64E-01	0.045281	0.000107	0.013557	7.23E-01	0.654484	0.038945	8.73E-05	0.014399	0.707915
5806	491755.2	3860319.07	5.41233	7.86629	6.49868	9.79067	4.90E-01	0.03328	0.00012	0.02268	0.54655	6.19E-01	0.042002	0.000103	0.013238	6.74E-01	0.610238	0.036125	8.44E-05	0.01406	0.660508
5807	491704.71	3860366.54	5.5481	7.83908	6.2704	9.8203	5.03E-01	0.03316	0.00012	0.02275	0.55881	6.35E-01	0.041857	9.97E-05	0.013278	6.90E-01	0.625546	0.036	8.14E-05	0.014102	0.67573
5808	491623.42	3860462.39	5.54829	7.7875	5.82123	9.66101	5.03E-01	0.03295	0.00011	0.02238	0.55823	6.35E-01	0.041582	9.25E-05	0.013063	6.89E-01	0.625568	0.035763	7.56E-05	0.013874	0.67528
5809	491534.02	3860439.85	5.94553	8.31278	6.31966	9.92351	5.39E-01	0.03517	0.00012	0.02298	0.59707	6.80E-01	0.044386	0.0001	0.013418	7.38E-01	0.670356	0.038175	8.2E-05	0.014251	0.722865
5810	491313.95	3860268.17	5.93195	8.45747	6.38356	10.4786	5.38E-01	0.03578	0.00012	0.02427	0.59774	6.78E-01	0.045159	0.000101	0.014168	7.38E-01	0.668825	0.03884	8.29E-05	0.015048	0.722796
5811	491187.12	3860143.56	6.19052	8.856	6.66344	11.14024	5.61E-01	0.03747	0.00012	0.0258	0.62439	7.08E-01	0.047287	0.000106	0.015063	7.71E-01	0.697979	0.04067	8.65E-05	0.015998	0.754734
5812	491070.43	3860075.97	6.38787	9.27124	6.95176	11.4472	5.79E-01	0.03922	0.00013	0.02651	0.64475	7.31E-01	0.049504	0.00011	0.015478	7.96E-01	0.72023	0.042577	9.02E-05	0.016439	0.779336
5813	490995.09	3860039.38	6.5577	9.46949	7.10901	11.72381	5.94E-01	0.04006	0.00013	0.02715	0.66162	7.50E-01	0.050563	0.000113	0.015852	8.17E-01	0.739378	0.043487	9.23E-05	0.016836	0.799794
5814	490919.75	3860002.8	6.78358	9.59687	7.24267	11.89697	6.15E-01	0.0406	0.00014	0.02756	0.68303	7.76E-01	0.051243	0.000115	0.016086	8.43E-01	0.764846	0.044072	9.4E-05	0.017085	0.826097
5815	490756.81	3859894.53	6.96469	9.90793	7.48139	12.20169	6.31E-01	0.04192	0.00014	0.02826	0.70147	7.97E-01	0.052904	0.000119	0.016498	8.66E-01	0.785266	0.045501	9.71E-05	0.017522	0.848387
5816	490668.07	3859860.92	7.00623	10.13104	7.64902	12.28354	6.35E-01	0.04286	0.00014	0.02845	0.70637	8.01E-01	0.054095	0.000122	0.016609	8.72E-01	0.78995	0.046525	9.93E-05	0.01764	0.854215
5817	490579.34	3859827.3	7.18293	10.13808	7.91109	12.49347	6.51E-01	0.04289	0.00015	0.02894	0.72291	8.22E-01	0.054132	0.000126	0.016893	8.93E-01	0.809873	0.046558	0.000103	0.017941	0.874475
5818	490490.6	3859793.68	7.33458	10.16166	8.26682	12.95727	6.65E-01	0.04299	0.00015	0.03001	0.73783	8.39E-01	0.054258	0.000131	0.01752	9.11E-01	0.826971	0.046666	0.000107	0.018607	0.892352
5819	490401.86	3859760.07	7.55936	10.26893	8.31989	12.97678	6.85E-01	0.04344	0.00016	0.03006	0.7587	8.65E-01	0.054831	0.000132	0.017546	9.37E-01	0.852315	0.047159	0.000108	0.018635	0.918217
5820	490313.12	3859726.45	7.78568	10.40896	8.4425	13.40976	7.06E-01	0.04404	0.00016	0.03106	0.78081	8.91E-01	0.055579	0.000134	0.018131	9.64E-01	0.877833	0.047802	0.00011	0.019257	0.945001
5821	490224.39	3859692.83	7.92354	10.852	8.54722	13.99463	7.18E-01	0.04591	0.00016	0.03241	0.79653	9.06E-01	0.057944	0.000136	0.018922	9.83E-01	0.893376	0.049836	0.000111	0.020097	0.963421
5822	490135.65	3859659.22	8.08682	11.04962	8.71976	14.27103	7.33E-01	0.04675	0.00016	0.03305	0.81281	9.25E-01	0.059	0.000139	0.019296	1.00E+00	0.911786	0.050744	0.000113	0.020494	0.983137
5823	489918.18	3859559.23	8.81331	11.67456	9.3358	15.3885	7.99E-01	0.04939	0.00017	0.03564	0.88389	1.01E+00	0.062337	0.000148	0.020807	1.09E+00	0.993698	0.053614	0.000121	0.022099	1.069531
5824	489743.61	3859486	9.90911	12.68158	9.43107	16.93933	8.98E-01	0.05365	0.00018	0.03923	0.99105	1.13E+00	0.067714	0.00015	0.022904	1.22E+00	1.117249	0.058239	0.000122	0.024326	1.199935
5825	489660.32	3859440.27	10.34331	13.06419	9.6314	17.69173	9.37E-01	0.05527	0.00018	0.04098	1.03376	1.18E+00	0.069757	0.000153	0.023921	1.28E+00	1.166205	0.059996	0.000125	0.025406	1.251732
5826	489577.04	3859394.53	10.8426	13.46411	9.91406	18.44849	9.83E-01	0.05696	0.00019	0.04273	1.08246	1.24E+00	0.071892	0.000158	0.024944	1.34E+00	1.222499	0.061832	0.000129	0.026493	1.310953
5827	489493.75	3859348.8	11.28617	13.86739	10.23407	19.10533	1.02E+00	0.05867	0.00019	0.04425	1.12589	1.29E+00	0.074045	0.000163	0.025832	1.39E+00	1.272512	0.063684	0.000133	0.027436	1.363765
5828	489321.28	3859240.02	12.15749	13.87908	10.27387	19.33107	1.10E+00	0.05872	0.00019	0.04477	1.20542	1.39E+00	0.074108	0.000163	0.026138	1.49E+00	1.370753	0.063738	0.000133	0.02776	1.462385
5829	489235.41	3859193.96	12.54012	13.42468	9.92657	18.9597	1.14E+00	0.05679	0.00019	0.04391	1.23731	1.43E+00	0.071681	0.000158	0.025636	1.53E+00	1.413894	0.061651	0.000129	0.027227	1.502901
5830	489149.54	3859147.89	15.48604	15.91497	11.43507	22.15757	1.40E+00	0.06733	0.00021	0.05132	1.52224	1.77E+00	0.084978	0.000182	0.029959	1.89E+00	1.746046	0.073087	0.000148	0.031819	1.851101
5831	489063.68	3859101.82	17.21786	16.35514	11.56178	22.9362	1.56E+00	0.06919	0.00022	0.05312	1.68285	1.97E+00	0.087329	0.000184	0.031012	2.09E+00	1.941308	0.075109	0.00015	0.032938	2.049504
5832	488977.81	3859055.75	18.61134	16.80218	11.72464	23.76575	1.69E+00	0.07108	0.00022	0.05505	1.81295	2.13E+00	0.089716	0.000186	0.032134	2.25E+00	2.098422	0.077162	0.000152	0.034129	2.209865
5833	488891.94	3859009.69	18.4195	17.03264	11.94355	24.7325	1.67E+00	0.07206	0.00022	0.05729	1.79878	2.11E+00	0.090946	0.00019	0.033441	2.23E+00	2.076792	0.07822	0.000155	0.035517	2.190685
5834	488808	3859060.73	14.8155	16.88227	11.52503	23.57955	1.34E+00	0.07142	0.00022	0.05461	1.46886	1.69E+00	0.090143	0.000183	0.031882	1.82E+00	1.670443	0.07753	0.00015	0.033861	1.781983
5835	488809.93	3859157.85	13.28908	16.32237	11.11069	22.41044	1.20E+00	0.06905	0.00021	0.05191	1.32545	1.52E+00	0.087154	0.000177	0.030301	1.64E+00	1.498339	0.074958	0.000144	0.032183	1.605624
5836	488811.85	3859254.96	11.99091	15.51138	10.52451	20.68077	1.09E+00	0.06562	0.0002	0.0479	1.20036	1.37E+00	0.082823	0.000167	0.027963	1.48E+00	1.351971	0.071234	0.000137	0.029699	1.45304
5837	488813.78	3859352.07	11.2416	14.72214	10.48949	19.60308	1.02E+00	0.06228	0.0002	0.0454	1.12662	1.29E+00	0.078609	0.000167	0.026505	1.39E+00	1.267487	0.06761	0.000136	0.028151	1.363383
5838	488815.71	3859449.19	10.44504	13.84896	10.29786	17.89973	9.47E-01	0.05859	0.00019	0.04146	1.04679	1.19E+00	0.073947	0.000164	0.024202	1.29E+00	1.177675	0.0636	0.000134	0.025705	1.267113
5839	488910.04	3859547.1	10.27482	13.16687	10.08148	17.41498	9.31E-01	0.0557	0.00019	0.04034	1.02735	1.18E+00	0.070305	0.00016	0.023547	1.27E+00	1.158482	0.060467	0.000131	0.025009	1.244089
5840	489002.45	3859547.91	10.71336	13.548	9.95208	17.66269	9.71E-01	0.05731	0.00019	0.04091	1.06928	1.23E+00	0.07234	0.000158	0.023882	1.32E+00	1.207928	0.062217	0.000129	0.025365	1.295639
5841	489094.85	3859548.71	11.03167	14.05658	9.83455	18.4556	1.00E+00	0.05947	0.00018	0.04275	1.10211	1.26E+00	0.075055	0.000156	0.024954	1.36E+00	1.243817	0.064553	0.000128	0.026503	1.335001
5842	489230.05	3859601.87	10.85507	13.65768	10.0267	17.99773	9.84E-01	0.05778	0.00019	0.04169	1.08336	1.24E+00	0.072925	0.000159	0.024335	1.34E+00	1.223905	0.062721	0.00013	0.025846	1.312602
5843	489227.52	3859680.89	10.41737	13.23116	9.46296	17.59307	9.44E-01	0.05597	0.00018	0.04075	1.04094	1.19E+00	0.070648	0.00015	0.023788	1.29E+00	1.174555	0.060762	0.000123	0.025265	1.260705
5844	489133.47	3859760.29	9.81722	12.47125	9.43049	16.70597	8.90E-01	0.05276	0.00018	0.03869	0.98129	1.12E+00	0.066591	0.00015	0.022588	1.21E+00	1.106888	0.057273	0.000122	0.023991	1.188274
5845	489041.96	3859760.67	9.31951	12.1809	9.43062	15.79222	8.45E-01	0.05153	0.00018	0.03658	0.93284	1.07E+00	0.06504	0.00015	0.021353	1.15E+00	1.050772	0.055939	0.000122	0.022678	1.129512
5846	488950.45	3859761.05	9.17862	12.23924	9.2923	15.34983	8.32E-01	0.05178	0.00017	0.03555	0.91929	1.05E+00	0.065352	0.000148	0.020755	1.14E+00	1.034886	0.056207	0.000121	0.022043	1.113257
5847	488858.94	3859761.43	8.76519	13.02089	9.25249	15.26937	7.94E-01	0.05509	0.00017	0.03537	0.88494	1.00E+00	0.069525	0.000147	0.020646	1.09E+00	0.988272	0.059797	0.00012	0.021928	1.070117
5848	488767.43	3859761.82	8.51826	13.28525	9.35761	15.11286	7.72E-01	0.0562	0.00018	0.035	0.86333	9.74E-01	0.070937	0.000149	0.020434	1.07E+00	0.960431	0.061011	0.000121	0.021703	1.043266
5849	488675.92	3859762.2	8.19144	12.91845	9.04987	14.07929	7.42E-01	0.05465	0.00017	0.03261	0.82976	9.37E-01	0.068978	0.000144	0.019037	1.03E+00	0.923582	0.059326	0.000117	0.020219	1.003244
5850	488584.41	3859762.58	8.11943	12.30668	8.92741	13.21196	7.36E-01	0.05206	0.00017	0.0306	0.81863	9.29E-01	0.065712	0.000142	0.017864	1.01E+00	0.915463	0.056517	0.000116	0.018973	0.991069
5851	488492.9	3859762.96	7.82372	12.76176	9.00892	12.78568	7.09E-01	0.05399	0.00017	0.02961	0.79277	8.95E-01	0.068142	0.000143	0.017288	9.80E-01	0.882122	0.058607	0.000117	0.018361	0.959206
5852	488402.76	3859830.95	7.09501	11.80813	8.80359	12.09872	6.43E-01	0.04995	0.00016	0.02802	0.72111	8.12E-01	0.06305	0.00014	0.016359	8.91E-01	0.79996	0.054227	0.000114	0.017374	0.871676

5853	488404.14	3859898.55	6.79379	11.4153	8.54187	11.68644	6.16E-01	0.04829	0.00016	0.02707	0.69119	7.77E-01	0.060952	0.000136	0.015801	8.54E-01	0.765997	0.052423	0.000111	0.016782	0.835314
5854	488505.18	3859964.96	6.92836	11.31449	8.51609	11.69442	6.28E-01	0.04787	0.00016	0.02709	0.70297	7.92E-01	0.060414	0.000135	0.015812	8.69E-01	0.78117	0.05196	0.000111	0.016794	0.850035
5855	488604.84	3859963.76	7.37096	11.59975	8.38598	11.89668	6.68E-01	0.04907	0.00016	0.02755	0.74476	8.43E-01	0.061937	0.000133	0.016086	9.21E-01	0.831073	0.05327	0.000109	0.017084	0.901537
5856	488704.51	3859962.56	7.58306	11.16374	8.49247	12.30101	6.87E-01	0.04723	0.00016	0.02849	0.76307	8.67E-01	0.059609	0.000135	0.016632	9.44E-01	0.854987	0.051268	0.00011	0.017665	0.924031
5857	488804.18	3859961.37	7.70033	11.88198	8.62827	13.31494	6.98E-01	0.05027	0.00016	0.03084	0.77909	8.81E-01	0.063444	0.000137	0.018003	9.62E-01	0.86821	0.054566	0.000112	0.019121	0.942009
5858	488903.85	3859960.17	7.95198	12.4326	8.79517	14.30319	7.21E-01	0.0526	0.00016	0.03313	0.80651	9.10E-01	0.066384	0.00014	0.019339	9.95E-01	0.896583	0.057095	0.000114	0.02054	0.974332
5859	489003.52	3859958.97	8.22388	11.90422	8.82419	14.27428	7.45E-01	0.05036	0.00017	0.03306	0.82885	9.41E-01	0.063563	0.00014	0.0193	1.02E+00	0.92724	0.054669	0.000115	0.020499	1.002521
5860	489103.18	3859957.77	8.60221	11.21767	8.95072	14.24544	7.80E-01	0.04746	0.00017	0.033	0.86017	9.84E-01	0.059897	0.000142	0.019261	1.06E+00	0.969896	0.051516	0.000116	0.020457	1.041985
5861	489201.48	3860046.59	8.24957	10.81204	8.58453	13.84368	7.48E-01	0.04574	0.00016	0.03206	0.82556	9.44E-01	0.057731	0.000136	0.018718	1.02E+00	0.930136	0.049653	0.000111	0.01988	0.999781
5862	489200.11	3860136.61	8.08523	10.38261	8.26209	13.10157	7.33E-01	0.04392	0.00015	0.03035	0.80712	9.25E-01	0.055438	0.000131	0.017715	9.98E-01	0.911607	0.047681	0.000107	0.018815	0.97821
5863	489198.74	3860226.63	7.54911	10.58189	8.22813	12.93014	6.84E-01	0.04477	0.00015	0.02995	0.75899	8.63E-01	0.056502	0.000131	0.017483	9.38E-01	0.85116	0.048596	0.000107	0.018568	0.918431
5864	489197.38	3860316.65	7.20733	10.20927	7.9818	12.48867	6.53E-01	0.04319	0.00015	0.02893	0.72541	8.24E-01	0.054513	0.000127	0.016886	8.96E-01	0.812624	0.046885	0.000104	0.017934	0.877547
5865	489196.01	3860406.68	6.78236	10.22501	7.56761	12.30154	6.15E-01	0.04326	0.00014	0.02849	0.68652	7.76E-01	0.054597	0.00012	0.016633	8.47E-01	0.764709	0.046957	9.82E-05	0.017666	0.82943
5866	489194.64	3860496.7	6.41036	9.61843	7.23683	11.62127	5.81E-01	0.04069	0.00014	0.02692	0.64866	7.33E-01	0.051358	0.000115	0.015713	8.00E-01	0.722766	0.044171	9.39E-05	0.016689	0.78372
5867	489193.27	3860586.72	6.26304	9.01711	7.02334	10.84301	5.68E-01	0.03815	0.00013	0.02511	0.63096	7.16E-01	0.048147	0.000112	0.014661	7.79E-01	0.706156	0.04141	9.12E-05	0.015571	0.763228
5868	489092.02	3860678.13	6.05865	8.20157	6.70363	9.70228	5.49E-01	0.0347	0.00013	0.02247	0.60634	6.93E-01	0.043792	0.000107	0.013119	7.50E-01	0.683111	0.037665	8.7E-05	0.013933	0.734795
5869	488992.13	3860679.52	5.82857	8.17485	6.87216	9.47387	5.28E-01	0.03458	0.00013	0.02194	0.58485	6.67E-01	0.04365	0.000109	0.01281	7.23E-01	0.657169	0.037542	8.92E-05	0.013605	0.708405
5870	488892.24	3860680.92	5.62722	8.16969	6.91703	9.31459	5.10E-01	0.03456	0.00013	0.02157	0.56622	6.44E-01	0.043622	0.00011	0.012594	7.00E-01	0.634467	0.037518	8.98E-05	0.013376	0.685451
5871	488792.36	3860682.31	5.44808	7.91889	6.7659	8.97751	4.94E-01	0.0335	0.00013	0.02079	0.54814	6.23E-01	0.042283	0.000108	0.012139	6.78E-01	0.614269	0.036366	8.78E-05	0.012892	0.663616
5872	488692.47	3860683.7	5.25588	7.68836	6.58781	8.86242	4.76E-01	0.03253	0.00012	0.02053	0.52947	6.01E-01	0.041052	0.000105	0.011983	6.54E-01	0.592599	0.035308	8.55E-05	0.012727	0.640719
5873	488592.59	3860685.1	4.91822	8.14804	6.18469	8.46135	4.46E-01	0.03447	0.00012	0.0196	0.49988	5.63E-01	0.043507	9.83E-05	0.011441	6.18E-01	0.554528	0.037419	8.03E-05	0.012151	0.604178
5874	488492.71	3860686.49	4.87046	8.6209	6.15676	8.11602	4.41E-01	0.03647	0.00012	0.0188	0.49676	5.57E-01	0.046031	9.79E-05	0.010974	6.14E-01	0.549143	0.03959	7.99E-05	0.011655	0.600468
5875	488299.07	3860762.18	4.61258	9.05515	6.03632	7.76888	4.18E-01	0.03831	0.00011	0.01799	0.47442	5.28E-01	0.04835	9.59E-05	0.010504	5.87E-01	0.520067	0.041585	7.84E-05	0.011157	0.572886
5876	488205.32	3860764.09	4.46759	9.14507	5.61803	7.61502	4.05E-01	0.03869	0.00011	0.01764	0.46129	5.11E-01	0.04883	8.93E-05	0.010296	5.70E-01	0.503719	0.041998	7.29E-05	0.010936	0.556725
5877	488111.56	3860766	4.20284	8.56644	5.46681	7.24793	3.81E-01	0.03624	0.0001	0.01679	0.434	4.81E-01	0.045741	8.69E-05	0.0098	5.36E-01	0.473869	0.03934	7.1E-05	0.010408	0.523688
5878	488017.81	3860767.91	4.02995	8.01885	5.3533	7.04328	3.65E-01	0.03392	0.0001	0.01631	0.41554	4.61E-01	0.042817	8.51E-05	0.009523	5.13E-01	0.454375	0.036826	6.95E-05	0.010115	0.501385
5879	487924.06	3860769.81	3.9599	7.84876	5.1994	6.89961	3.59E-01	0.0332	9.7E-05	0.01598	0.40814	4.53E-01	0.041909	8.26E-05	0.009329	5.04E-01	0.446477	0.036044	6.75E-05	0.009908	0.492497
5880	487830.31	3860771.72	3.91434	7.56633	5.04313	6.78862	3.55E-01	0.03201	9.4E-05	0.01572	0.40255	4.48E-01	0.040401	8.02E-05	0.009179	4.97E-01	0.44134	0.034747	6.55E-05	0.009749	0.485902
5881	487736.55	3860773.63	3.86009	7.22581	5.02107	6.67215	3.50E-01	0.03057	9.4E-05	0.01545	0.39593	4.42E-01	0.038582	7.98E-05	0.009021	4.89E-01	0.435224	0.033184	6.52E-05	0.009582	0.478054
5882	487642.8	3860775.54	3.78289	7.23869	4.96485	6.54059	3.43E-01	0.03062	9.3E-05	0.01515	0.38868	4.33E-01	0.038651	7.89E-05	0.008844	4.80E-01	0.42652	0.033243	6.44E-05	0.009393	0.469219
5883	487549.48	3860684.71	3.81921	7.55125	5.09449	6.57701	3.46E-01	0.03195	9.5E-05	0.01523	0.39338	4.37E-01	0.04032	8.1E-05	0.008893	4.86E-01	0.430615	0.034678	6.61E-05	0.009445	0.474804
5884	487549.91	3860591.97	3.89188	7.8676	5.15743	6.74807	3.53E-01	0.03328	9.7E-05	0.01563	0.4017	4.45E-01	0.042009	8.2E-05	0.009124	4.96E-01	0.438808	0.036131	6.69E-05	0.009691	0.484697
5885	487550.34	3860499.23	4.01874	8.15314	5.2787	6.93254	3.64E-01	0.03449	9.9E-05	0.01606	0.41483	4.60E-01	0.043534	8.39E-05	0.009374	5.13E-01	0.453112	0.037442	6.85E-05	0.009955	0.500578
5886	487550.76	3860406.49	4.13467	8.34566	5.41274	7.11443	3.75E-01	0.03531	0.0001	0.01648	0.42658	4.73E-01	0.044562	8.6E-05	0.009619	5.27E-01	0.466183	0.038326	7.03E-05	0.010217	0.514796
5887	487551.19	3860313.75	4.24145	8.53885	5.55681	7.29181	3.84E-01	0.03612	0.0001	0.01689	0.43749	4.85E-01	0.045593	8.83E-05	0.009859	5.41E-01	0.478222	0.039214	7.21E-05	0.010471	0.527979
5888	487551.62	3860221.01	4.369	8.91796	5.67919	7.45694	3.96E-01	0.03773	0.00011	0.01727	0.45103	5.00E-01	0.047618	9.03E-05	0.010083	5.58E-01	0.492603	0.040955	7.37E-05	0.010709	0.54434
5889	487552.05	3860128.27	4.51943	9.34948	5.88392	7.67252	4.10E-01	0.03955	0.00011	0.01777	0.46699	5.17E-01	0.049922	9.35E-05	0.010374	5.77E-01	0.509564	0.042936	7.64E-05	0.011018	0.563595
5890	487552.48	3860035.53	4.66738	9.71895	6.08953	7.90868	4.23E-01	0.04112	0.00011	0.01832	0.48252	5.34E-01	0.051895	9.68E-05	0.010693	5.97E-01	0.526245	0.044633	7.9E-05	0.011357	0.582315
5891	487552.91	3859942.79	4.78431	10.29271	6.24882	8.08673	4.34E-01	0.04354	0.00012	0.01873	0.49596	5.47E-01	0.054958	9.93E-05	0.010934	6.13E-01	0.539429	0.047268	8.11E-05	0.011613	0.598391
5892	487553.33	3859850.05	5.01804	11.01011	6.47573	8.32982	4.55E-01	0.04658	0.00012	0.01929	0.52074	5.74E-01	0.058789	0.000103	0.011263	6.44E-01	0.565782	0.050563	8.41E-05	0.011962	0.628391
5893	487553.76	3859757.31	5.19977	11.3848	6.76292	8.87951	4.71E-01	0.04816	0.00013	0.02057	0.54007	5.95E-01	0.060789	0.000107	0.012006	6.68E-01	0.586272	0.052283	8.78E-05	0.012751	0.651395
5894	487554.19	3859664.57	5.35948	12.13849	7.16942	9.319	4.86E-01	0.05135	0.00013	0.02158	0.55876	6.13E-01	0.064814	0.000114	0.0126	6.91E-01	0.60428	0.055744	9.31E-05	0.013383	0.6735
5895	487460.2	3859571.05	5.39077	12.72468	7.0851	9.30291	4.89E-01	0.05383	0.00013	0.02155	0.56403	6.17E-01	0.067944	0.000113	0.012579	6.97E-01	0.607807	0.058436	9.2E-05	0.013359	0.679695
5896	487365.78	3859570.27	5.24677	13.25524	6.82842	8.74005	4.75E-01	0.05608	0.00013	0.02024	0.55192	6.00E-01	0.070777	0.000109	0.011817	6.83E-01	0.591572	0.060873	8.86E-05	0.012551	0.665084
5897	487271.36	3859569.48	5.09795	12.8336	6.74332	8.54026	4.62E-01	0.05429	0.00013	0.01978	0.53619	5.83E-01	0.068525	0.000107	0.011547	6.63E-01	0.574792	0.058937	8.75E-05	0.012264	0.646081
5898	487176.94	3859568.7	4.95005	12.81931	6.59881	8.39453	4.49E-01	0.05423	0.00012	0.01944	0.52238	5.66E-01	0.068449	0.000105	0.01135	6.46E-01	0.558116	0.058871	8.57E-05	0.012055	0.629128
5899	487082.51	3859567.92	4.77662	12.43563	6.41998	8.17243	4.33E-01	0.05261	0.00012	0.01893	0.50453	5.46E-01	0.0664	0.000102	0.01105	6.24E-01	0.538562	0.057109	8.33E-05	0.011736	0.607491
5900	486988.09	3859567.14	4.69594	12.02754	6.28378	7.95247	4.26E-01	0.05088	0.00012	0.01842	0.49498	5.37E-01	0.064221	9.99E-05	0.010753	6.12E-01	0.529466	0.055235	8.16E-05	0.01142	0.596202
5901	486893.67	3859566.36	4.59753	12.65762	6.14471	7.62839	4.17E-01	0.05355	0.00012	0.01767	0.48797	5.26E-01	0.067586	9.77E-05	0.010314	6.04E-01	0.51837	0.058128	7.98E-05	0.010955	0.587533
5902	486799.25	3859565.58	4.45942	12.89927	5.9731	7.3279	4.04E-01	0.05457	0.00011	0.01697	0.47578	5.10E-01	0.068876	9.49E-05	0.009908	5.89E-01	0.502798	0.059238	7.75E-05	0.010523	0.572637
5903	486704.83	3859564.79	4.35405	13.16204	5.82384	7.19139	3.95E-01	0.05568	0.00011	0.01666	0.46702	4.98E-01	0.070279	9.26E-05	0.009724	5.78E-01	0.490918	0.060445	7.56E-05	0.010327	0.561765
5904	486610.41	3859564.01	4.18113	12.99412	5.65325	7.04777	3.79E-01	0.05497	0.00011	0.01632	0.4503	4.78E-01	0.069382	8.98E-05	0.009529	5.57E-01	0.471421	0.059674	7.34E-05	0.010121	0.541289
5905	486515.99	3859563.23	4.06034	12.73784	5.42274	6.91865	3.68E-01	0.05389	0.0001	0.01602	0.43797	4.64E-01	0.068014	8.62E-05	0.009355	5.42E-01	0.457802	0.058497	7.04E-05	0.009936	0.526305
5906	486421.57	3859562.45	3.94767	11.28912	5.31971	6.76292	3.58E-01	0.04776	1E-04	0.01566	0.42127	4.52E-01	0.060278	8.45E-05	0.009144	5.21E-01	0.445098	0.051844	6.91E-05	0.009712	0.506723
5907	486327.14	3859561.67	3.88742	11.51018	5.24246	6.64204	3.52E-01	0.04869	9.8E-05	0.01538	0.41646	4.45E-01	0.061459	8.33E-05	0.008981	5.15E-01	0.438305	0.052859	6.8E-05	0.009538	0.500771
5908	486232.72	3859560.89	3.80087	12.19581	5.10702	6.53756	3.44E-01	0.05159	9.6E-05	0.01514	0.41128	4.35E-01	0.06512	8.12E-05	0.008839	5.09E-01	0.428547	0.056008	6.63E-05	0.009388	0.494009
5909	486138.3	3859560.1	3.68642	11.62887	4.89936	6.46215	3.34E-01	0.0492	9.2E-05	0.01497	0.39833	4.22E-01	0.062093	7.79E-05	0.008738	4.93E-01	0.415643	0.053404	6.36E-05	0.00928	0.47839
5910	486043.88	3859559.32	3.60141	12.02909	4.83895	6.24732	3.26E-01	0.05089	9.1E-05	0.01447	0.39182	4.12E-01	0.06423	7.69E-05	0.008447	4.85E-01	0.406058	0.055242	6.28E-05	0.008971	0.470334
5911	485949.35	3859463.54	3.61615	12.57408	4.84621	6.27302	3.28E-01	0.05319	9.1E-05	0.01453	0.39552	4.14E-01	0.06714	7.7E-05	0.008482	4.89E-01	0.40772	0.057745	6.29E-05	0.009008	0.474536
5912	485949.24	3859368.55	3.70522	12.60345	4.96958	6.44704	3.36E-01	0.05332	9.3E-05	0.01493	0.40412	4.24E-01	0.067296	7.9E-05	0.008717	5.00E-01	0.417762	0.05788	6.45E-05	0.009258	0.484965
5913	485949.12	3859273.55	3.79702	12.97286	5.11458	6.62328	3.44E-01	0.05488	9.6E-05	0.01534	0.41441	4.34E-01	0.069269	8.13E-05	0.008955	5.13E-01	0.428113	0.059576	6.64E-05	0.009511	0.497267

5914	485949.01	3859178.56	3.89533	13.10299	5.22781	6.79073	3.53E-01	0.05543	9.8E-05	0.01573	0.42426	4.46E-01	0.069964	8.31E-05	0.009182	5.25E-01	0.439197	0.060174	6.79E-05	0.009752	0.509191
5915	485948.9	3859083.56	4.02645	13.12697	5.36208	6.9795	3.65E-01	0.05553	0.0001	0.01617	0.43669	4.61E-01	0.070092	8.52E-05	0.009437	5.40E-01	0.453981	0.060284	6.96E-05	0.010023	0.524357
5916	485948.79	3858988.56	4.13086	13.23198	5.4928	7.20355	3.74E-01	0.05598	0.0001	0.01668	0.44711	4.72E-01	0.070652	8.73E-05	0.00974	5.53E-01	0.465753	0.060766	7.13E-05	0.010345	0.536935
5917	485948.67	3858893.57	4.23281	14.30488	5.67253	7.43355	3.84E-01	0.06052	0.00011	0.01722	0.46143	4.84E-01	0.076381	9.02E-05	0.010051	5.71E-01	0.477248	0.065693	7.36E-05	0.010675	0.55369
5918	485948.56	3858798.57	4.36978	15.02072	5.90265	7.65545	3.96E-01	0.06355	0.00011	0.01773	0.47739	5.00E-01	0.080203	9.38E-05	0.010351	5.90E-01	0.492691	0.068981	7.66E-05	0.010994	0.572742
5919	485948.45	3858703.58	4.46366	15.94104	6.04231	7.90093	4.05E-01	0.06744	0.00011	0.0183	0.49036	5.11E-01	0.085118	9.6E-05	0.010683	6.06E-01	0.503276	0.073207	7.84E-05	0.011346	0.587908
5920	485948.34	3858608.58	4.62399	16.66252	6.25027	8.14785	4.19E-01	0.07049	0.00012	0.01887	0.50852	5.29E-01	0.08897	9.93E-05	0.011017	6.29E-01	0.521353	0.07652	8.11E-05	0.011701	0.609656
5921	485948.22	3858513.59	4.78737	17.03477	6.45217	8.39737	4.34E-01	0.07207	0.00012	0.01945	0.52548	5.48E-01	0.090958	0.000103	0.011354	6.50E-01	0.539774	0.07823	8.38E-05	0.012059	0.630147
5922	485948.11	3858418.59	4.92721	17.85537	6.6388	8.66359	4.47E-01	0.07554	0.00012	0.02007	0.54224	5.64E-01	0.095339	0.000106	0.011714	6.71E-01	0.555541	0.081998	8.62E-05	0.012441	0.650067
5923	485948	3858323.59	5.11139	18.38547	6.90234	9.04602	4.63E-01	0.07778	0.00013	0.02095	0.56207	5.85E-01	0.09817	0.00011	0.012231	6.95E-01	0.576307	0.084433	8.96E-05	0.012991	0.673821
5924	485947.89	3858228.6	5.28001	19.13037	7.1255	9.44	4.78E-01	0.08093	0.00013	0.02186	0.58142	6.04E-01	0.102147	0.000113	0.012764	7.19E-01	0.595319	0.087854	9.25E-05	0.013556	0.696822
5925	485947.77	3858133.6	5.47301	21.26686	7.36931	9.80312	4.96E-01	0.08997	0.00014	0.02271	0.60879	6.26E-01	0.113555	0.000117	0.013255	7.53E-01	0.61708	0.097665	9.57E-05	0.014078	0.728919
5926	485947.66	3858038.61	5.84762	24.43595	7.76903	10.44892	5.30E-01	0.10338	0.00015	0.0242	0.65765	6.69E-01	0.130476	0.000123	0.014128	8.14E-01	0.659317	0.112219	0.000101	0.015005	0.786642
5927	485854.54	3857943.35	5.74893	25.51361	7.71947	10.46064	5.21E-01	0.10794	0.00014	0.02423	0.65329	6.58E-01	0.13623	0.000123	0.014144	8.08E-01	0.64819	0.117168	0.0001	0.015022	0.78048
5928	485761.52	3857943.09	5.53704	25.21343	7.44879	10.10522	5.02E-01	0.10667	0.00014	0.02341	0.63199	6.33E-01	0.134628	0.000118	0.013663	7.82E-01	0.624299	0.115789	9.67E-05	0.014512	0.754697
5929	485668.51	3857942.83	5.34443	24.62002	7.17321	9.86606	4.84E-01	0.10416	0.00013	0.02285	0.61146	6.11E-01	0.131459	0.000114	0.01334	7.56E-01	0.602583	0.113064	9.31E-05	0.014168	0.729908
5930	485575.5	3857942.56	5.17558	23.10695	6.92274	9.59581	4.69E-01	0.09775	0.00013	0.02223	0.58913	5.92E-01	0.12338	0.00011	0.012975	7.28E-01	0.583545	0.106116	8.99E-05	0.01378	0.703531
5931	485482.48	3857942.3	4.99463	21.60724	6.71148	9.34956	4.53E-01	0.09141	0.00013	0.02166	0.56581	5.71E-01	0.115372	0.000107	0.012642	6.99E-01	0.563143	0.099228	8.71E-05	0.013426	0.675885
5932	485389.47	3857942.04	4.8697	20.8012	6.46032	9.1512	4.41E-01	0.088	0.00012	0.0212	0.55062	5.57E-01	0.111068	0.000103	0.012373	6.81E-01	0.549057	0.095527	8.39E-05	0.013142	0.657809
5933	485296.46	3857941.78	4.73807	19.85083	6.3269	8.91907	4.29E-01	0.08398	0.00012	0.02066	0.53413	5.42E-01	0.105994	0.000101	0.01206	6.60E-01	0.534216	0.091162	8.21E-05	0.012808	0.638269
5934	485203.45	3857941.52	4.62977	18.89021	6.25165	8.61218	4.20E-01	0.07992	0.00012	0.01995	0.51954	5.30E-01	0.100865	9.94E-05	0.011645	6.42E-01	0.522005	0.086751	8.11E-05	0.012368	0.621205
5935	485110.43	3857941.26	4.5273	18.15464	6.1718	8.36006	4.10E-01	0.0768	0.00012	0.01936	0.50656	5.18E-01	0.096937	9.81E-05	0.011304	6.26E-01	0.510452	0.083373	8.01E-05	0.012005	0.60591
5936	485017.42	3857940.99	4.41842	17.02341	6.01207	8.19384	4.00E-01	0.07202	0.00011	0.01898	0.49152	5.05E-01	0.090897	9.56E-05	0.011079	6.07E-01	0.498175	0.078178	7.8E-05	0.011767	0.588198
5937	484924.41	3857940.73	4.31215	16.21194	5.86688	7.95937	3.91E-01	0.06858	0.00011	0.01844	0.47791	4.93E-01	0.086564	9.32E-05	0.010762	5.91E-01	0.486193	0.074451	7.62E-05	0.01143	0.572151
5938	484831.39	3857940.47	4.22598	15.50172	5.73563	7.83584	3.83E-01	0.06558	0.00011	0.01815	0.4668	4.83E-01	0.082772	9.12E-05	0.010595	5.77E-01	0.476478	0.07119	7.45E-05	0.011253	0.558995
5939	484738.12	3857859.3	4.25497	14.68378	5.79801	7.86659	3.86E-01	0.06212	0.00011	0.01822	0.46604	4.87E-01	0.078404	9.21E-05	0.010636	5.76E-01	0.479746	0.067433	7.53E-05	0.011297	0.558552
5940	484737.85	3857778.4	4.38747	16.096	5.99638	8.07417	3.98E-01	0.06809	0.00011	0.0187	0.48451	5.02E-01	0.085945	9.53E-05	0.010917	5.99E-01	0.494686	0.073919	7.78E-05	0.011595	0.580277
5941	484737.59	3857697.49	4.52531	16.07095	6.22348	8.38648	4.10E-01	0.06799	0.00012	0.01942	0.49762	5.18E-01	0.085811	9.89E-05	0.011339	6.15E-01	0.510227	0.073804	8.08E-05	0.012043	0.596155
5942	484737.32	3857616.59	4.65935	15.72232	6.44843	8.65437	4.22E-01	0.06651	0.00012	0.02005	0.50892	5.33E-01	0.08395	0.000102	0.011702	6.29E-01	0.52534	0.072203	8.37E-05	0.012428	0.610055
5943	484645.53	3857535.18	4.71388	15.26455	6.53946	8.65511	4.27E-01	0.06458	0.00012	0.02005	0.51193	5.39E-01	0.081505	0.000104	0.011703	6.32E-01	0.531488	0.0701	8.49E-05	0.012429	0.614103
5944	484553.99	3857534.67	4.63374	15.01035	6.42228	8.48872	4.20E-01	0.0635	0.00012	0.01966	0.5032	5.30E-01	0.080148	0.000102	0.011478	6.22E-01	0.522453	0.068933	8.34E-05	0.01219	0.603659
5945	484462.46	3857534.17	4.56917	14.48695	6.3504	8.31822	4.14E-01	0.06129	0.00012	0.01927	0.49474	5.23E-01	0.077353	0.000101	0.011247	6.11E-01	0.515172	0.066529	8.24E-05	0.011945	0.59373
5946	484370.93	3857533.66	4.50663	13.80771	6.26679	8.1557	4.08E-01	0.05841	0.00012	0.01889	0.48582	5.15E-01	0.073727	9.96E-05	0.011027	6.00E-01	0.508121	0.06341	8.13E-05	0.011712	0.583324
5947	484279.4	3857533.16	4.45573	13.35429	6.17935	7.99768	4.04E-01	0.0565	0.00012	0.01852	0.47892	5.10E-01	0.071306	9.82E-05	0.010814	5.92E-01	0.502382	0.061328	8.02E-05	0.011485	0.575275
5948	484187.86	3857532.65	4.39894	12.95011	6.08525	7.84227	3.99E-01	0.05479	0.00011	0.01816	0.4717	5.03E-01	0.069147	9.67E-05	0.010604	5.83E-01	0.495979	0.059472	7.9E-05	0.011262	0.566792
5949	484096.33	3857532.15	4.35565	12.99262	6.00741	7.67575	3.95E-01	0.05497	0.00011	0.01778	0.46757	4.98E-01	0.069374	9.55E-05	0.010378	5.78E-01	0.491098	0.059667	7.8E-05	0.011023	0.561866
5950	484004.8	3857531.64	4.29676	12.64649	5.91692	7.54282	3.89E-01	0.0535	0.00011	0.01747	0.46046	4.91E-01	0.067526	9.4E-05	0.010199	5.69E-01	0.484458	0.058077	7.68E-05	0.010832	0.553444
5951	483913.27	3857531.14	4.21943	12.42353	5.81003	7.41967	3.82E-01	0.05256	0.00011	0.01719	0.45223	4.83E-01	0.066336	9.23E-05	0.010032	5.59E-01	0.475739	0.057053	7.54E-05	0.010655	0.543523
5952	483821.73	3857530.63	4.15317	12.40662	5.72685	7.30895	3.76E-01	0.05249	0.00011	0.01693	0.44589	4.75E-01	0.066245	9.1E-05	0.009882	5.51E-01	0.468268	0.056976	7.43E-05	0.010496	0.535815
5953	483729.61	3857450.11	4.19321	12.34815	5.79272	7.358	3.80E-01	0.05224	0.00011	0.01704	0.44939	4.80E-01	0.065933	9.21E-05	0.009949	5.56E-01	0.472783	0.056707	7.52E-05	0.010566	0.540132
5954	483729.03	3857370.08	4.34813	12.92228	6.01562	7.53375	3.94E-01	0.05467	0.00011	0.01745	0.46627	4.97E-01	0.068999	9.56E-05	0.010186	5.77E-01	0.49025	0.059344	7.81E-05	0.010819	0.560491
5955	483728.44	3857290.06	4.47946	13.44849	6.17865	7.73702	4.06E-01	0.05689	0.00012	0.01792	0.48087	5.12E-01	0.071808	9.82E-05	0.010461	5.95E-01	0.505058	0.06176	8.02E-05	0.011111	0.578009
5956	483727.86	3857210.03	4.5986	13.37173	6.32315	7.95697	4.17E-01	0.05657	0.00012	0.01843	0.49185	5.26E-01	0.071399	0.0001	0.010759	6.08E-01	0.518491	0.061408	8.21E-05	0.011427	0.591407
5957	483641.15	3857129.07	4.66524	13.33847	6.40896	8.06981	4.23E-01	0.05643	0.00012	0.01869	0.49801	5.34E-01	0.071221	0.000102	0.010911	6.16E-01	0.526004	0.061255	8.32E-05	0.011589	0.598931
5958	483555.03	3857128.14	4.6058	13.01714	6.32614	7.93337	4.17E-01	0.05507	0.00012	0.01838	0.49095	5.27E-01	0.069505	0.000101	0.010727	6.07E-01	0.519302	0.05978	8.21E-05	0.011393	0.590557
5959	483468.91	3857127.2	4.51287	13.08071	6.19704	7.79698	4.09E-01	0.05534	0.00012	0.01806	0.48248	5.16E-01	0.069845	9.85E-05	0.010542	5.97E-01	0.508825	0.060071	8.04E-05	0.011197	0.580173
5960	483382.78	3857126.26	4.476	13.62752	6.14806	7.65498	4.06E-01	0.05765	0.00012	0.01773	0.48112	5.12E-01	0.072764	9.77E-05	0.01035	5.95E-01	0.504667	0.062583	7.98E-05	0.010993	0.578323
5961	483296.66	3857125.32	4.41514	13.22894	6.06411	7.49386	4.00E-01	0.05597	0.00011	0.01736	0.47355	5.05E-01	0.070636	9.64E-05	0.010133	5.86E-01	0.497806	0.060752	7.87E-05	0.010762	0.569398
5962	483210.54	3857124.39	4.3458	12.99083	5.9661	7.36928	3.94E-01	0.05496	0.00011	0.01707	0.46596	4.97E-01	0.069365	9.48E-05	0.009964	5.76E-01	0.489987	0.059659	7.74E-05	0.010583	0.560306
5963	483123.4	3857030.96	4.39113	12.29266	6.03999	7.48219	3.98E-01	0.052	0.00011	0.01733	0.46738	5.02E-01	0.065637	9.6E-05	0.010117	5.78E-01	0.495098	0.056452	7.84E-05	0.010745	0.562374
5964	483122.38	3856938.46	4.51702	12.43322	6.22071	7.70717	4.09E-01	0.0526	0.00012	0.01785	0.47991	5.17E-01	0.066387	9.89E-05	0.010421	5.94E-01	0.509292	0.057098	8.07E-05	0.011068	0.577539
5965	483121.35	3856845.97	4.65623	12.71377	6.41592	7.90084	4.22E-01	0.05379	0.00012	0.0183	0.49416	5.33E-01	0.067885	0.000102	0.010683	6.11E-01	0.524988	0.058386	8.33E-05	0.011346	0.594804
5966	483120.33	3856753.47	4.74288	12.57192	6.56603	8.13765	4.30E-01	0.05319	0.00012	0.01885	0.50197	5.42E-01	0.067128	0.000104	0.011003	6.21E-01	0.534758	0.057735	8.52E-05	0.011686	0.604264
5967	483119.31	3856660.98	4.883	12.98831	6.73624	8.37382	4.43E-01	0.05495	0.00013	0.0194	0.51698	5.59E-01	0.069351	0.000107	0.011322	6.39E-01	0.550557	0.059647	8.74E-05	0.012025	0.622316
5968	483118.29	3856568.49	5.03434	13.59256	6.89247	8.62863	4.56E-01	0.0575	0.00013	0.01999	0.53384	5.76E-01	0.072578	0.00011	0.011667	6.60E-01	0.56762	0.062422	8.95E-05	0.012391	0.642523
5969	483117.26	3856475.99	5.19404	14.50309	7.10225	8.96553	4.71E-01	0.06136	0.00013	0.02077	0.55295	5.94E-01	0.07744	0.000113	0.012122	6.84E-01	0.585626	0.066604	9.22E-05	0.012875	0.665197
5970	483116.24	3856383.5	5.32982	15.17127	7.336	9.2587	4.83E-01	0.06418	0.00014	0.02144	0.56876	6.10E-01	0.081007	0.000117	0.012519	7.03E-01	0.600935	0.069672	9.52E-05	0.013296	0.683999
5971	483115.22	3856291.01	5.49589	15.10622	7.51304	9.46793	4.98E-01	0.06391	0.00014	0.02193	0.58403	6.29E-01	0.08066	0.000119	0.012802	7.22E-01	0.61966	0.069373	9.75E-05	0.013596	0.702727
5972	483114.2	3856198.51	5.62404	15.71838	7.80922	9.71926	5.10E-01	0.0665	0.00015	0.02251	0.59882	6.43E-01	0.083929	0.000124	0.013141	7.40E-01	0.634109	0.072185	0.000101	0.013957	0.720352
5973	483113.17	3856106.02	5.86412	16.66199	8.11513	10.04384	5.31E-01	0.07049	0.00015	0.02326	0.62532	6.71E-01	0.088967	0.000129	0.01358	7.73E-01	0.661178	0.076518	0.000105	0.014423	0.752224
5974	483112.15	3856013.52	6.04107	17.20389	8.3335	10.35709	5.47E-01	0.07278	0.00016	0.02399	0.64438	6.91E-01	0.091861	0.000132	0.014004	7.97E-01	0.681129	0.079007	0.000108	0.014873	0.775117

5975	483029.25	3855920.47	6.09909	17.60661	8.44002	10.40121	5.53E-01	0.07448	0.00016	0.02409	0.65145	6.98E-01	0.094011	0.000134	0.014064	8.06E-01	0.68767	0.080856	0.00011	0.014937	0.783573
5976	482947.37	3855919.91	5.97071	17.48806	8.26689	10.16188	5.41E-01	0.07398	0.00015	0.02354	0.63875	6.83E-01	0.093378	0.000131	0.01374	7.90E-01	0.673196	0.080312	0.000107	0.014593	0.768207
5977	482865.49	3855919.36	5.84514	17.88	8.06492	9.93735	5.30E-01	0.07564	0.00015	0.02302	0.62851	6.69E-01	0.095471	0.000128	0.013436	7.78E-01	0.659038	0.082112	0.000105	0.014271	0.755524
5978	482783.61	3855918.8	5.75699	18.52036	7.93179	9.72325	5.22E-01	0.07835	0.00015	0.02252	0.62273	6.58E-01	0.09889	0.000126	0.013147	7.71E-01	0.649099	0.085052	0.000103	0.013963	0.748217
5979	482700.33	3855818.39	5.81651	19.41329	7.98482	9.8043	5.27E-01	0.08213	0.00015	0.02271	0.63209	6.65E-01	0.103658	0.000127	0.013256	7.82E-01	0.65581	0.089153	0.000104	0.014079	0.759146
5980	482698.92	3855718.54	6.03966	21.60234	8.317	9.92725	5.47E-01	0.09139	0.00016	0.02299	0.66186	6.91E-01	0.115346	0.000132	0.013423	8.20E-01	0.68097	0.099206	0.000108	0.014256	0.79454
5981	482697.52	3855618.68	6.24508	21.49909	8.68563	10.24214	5.66E-01	0.09095	0.00016	0.02372	0.68078	7.14E-01	0.114795	0.000138	0.013848	8.43E-01	0.704131	0.098732	0.000113	0.014708	0.817683
5982	482696.11	3855518.83	6.61292	21.76687	9.21986	10.44034	5.99E-01	0.09208	0.00017	0.02418	0.71572	7.56E-01	0.116225	0.000147	0.014116	8.87E-01	0.745604	0.099962	0.00012	0.014993	0.860679
5983	482694.71	3855418.98	6.96998	21.58535	9.69814	10.97948	6.32E-01	0.09132	0.00018	0.02543	0.74856	7.97E-01	0.115255	0.000154	0.014845	9.27E-01	0.785863	0.099128	0.000126	0.015767	0.900884
5984	482693.3	3855319.13	7.19297	23.26715	9.93016	11.15825	6.52E-01	0.09843	0.00019	0.02584	0.7763	8.23E-01	0.124235	0.000158	0.015087	9.62E-01	0.811005	0.106851	0.000129	0.016024	0.934009
5985	482691.9	3855219.27	7.38962	22.76077	10.15884	11.62199	6.70E-01	0.09629	0.00019	0.02692	0.79306	8.45E-01	0.121532	0.000161	0.015714	9.83E-01	0.833177	0.104526	0.000132	0.01669	0.954525
5986	482690.49	3855119.42	7.53057	22.54332	10.43826	11.70586	6.82E-01	0.09537	0.0002	0.02711	0.80511	8.61E-01	0.120371	0.000166	0.015828	9.98E-01	0.849069	0.103527	0.000135	0.01681	0.969542
5987	482689.09	3855019.57	7.64826	21.89611	10.6798	11.70842	6.93E-01	0.09263	0.0002	0.02712	0.81305	8.75E-01	0.116915	0.00017	0.015831	1.01E+00	0.862339	0.100555	0.000139	0.016814	0.979846
5988	482687.68	3854919.71	7.76276	23.07284	10.70024	11.34778	7.03E-01	0.09761	0.0002	0.02628	0.82757	8.88E-01	0.123198	0.00017	0.015343	1.03E+00	0.875249	0.105959	0.000139	0.016296	0.997642
5989	482686.28	3854819.86	7.81168	23.40275	10.64914	11.49234	7.08E-01	0.09901	0.0002	0.02662	0.83373	8.93E-01	0.124959	0.000169	0.015539	1.03E+00	0.880764	0.107474	0.000138	0.016504	1.00488
5990	482684.88	3854720.01	7.88777	23.29618	10.59046	11.13128	7.15E-01	0.09855	0.0002	0.02578	0.83934	9.02E-01	0.12439	0.000168	0.015051	1.04E+00	0.889343	0.106985	0.000137	0.015985	1.012451
5991	482683.47	3854620.16	8.20434	22.63759	10.63536	11.36803	7.43E-01	0.09577	0.0002	0.02633	0.86579	9.38E-01	0.120874	0.000169	0.015371	1.07E+00	0.925037	0.10396	0.000138	0.016325	1.04546
5992	482682.07	3854520.31	8.62069	22.1208	10.39282	11.02471	7.81E-01	0.09358	0.00019	0.02554	0.90054	9.86E-01	0.118114	0.000165	0.014907	1.12E+00	0.97198	0.101587	0.000135	0.015832	1.089534
5993	482680.66	3854420.45	9.64027	20.13686	10.32101	10.28547	8.74E-01	0.08519	0.00019	0.02382	0.98283	1.10E+00	0.107521	0.000164	0.013907	1.22E+00	1.086937	0.092476	0.000134	0.01477	1.194318
5994	482679.26	3854320.6	11.08503	18.43044	10.83671	10.339	1.00E+00	0.07797	0.0002	0.02395	1.10667	1.27E+00	0.09841	0.000172	0.013979	1.38E+00	1.249833	0.084639	0.000141	0.014847	1.349461
5995	482677.85	3854220.75	12.71604	17.85808	11.86801	10.70542	1.15E+00	0.07555	0.00022	0.0248	1.25292	1.45E+00	0.095354	0.000189	0.014475	1.56E+00	1.433729	0.082011	0.000154	0.015374	1.531268
5996	482676.45	3854120.9	14.95059	18.32916	12.07586	10.90075	1.35E+00	0.07754	0.00023	0.02525	1.45787	1.71E+00	0.097869	0.000192	0.014739	1.82E+00	1.685674	0.084174	0.000157	0.015654	1.785659
5997	482675.04	3854021.04	15.25808	18.18572	11.90605	10.77477	1.38E+00	0.07693	0.00022	0.02496	1.48483	1.75E+00	0.097103	0.000189	0.014569	1.86E+00	1.720343	0.083516	0.000155	0.015473	1.819487
5998	482673.64	3853921.19	14.28483	16.55191	11.77944	11.9906	1.29E+00	0.07002	0.00022	0.02777	1.39254	1.63E+00	0.088379	0.000187	0.016213	1.74E+00	1.61061	0.076013	0.000153	0.017219	1.703994
5999	482672.23	3853821.34	13.47383	16.66269	12.06929	11.08294	1.22E+00	0.07049	0.00023	0.02567	1.31741	1.54E+00	0.088971	0.000192	0.014985	1.65E+00	1.51917	0.076521	0.000157	0.015916	1.611763
6000	482670.83	3853721.48	13.85206	15.74731	10.58774	10.62169	1.26E+00	0.06662	0.0002	0.0246	1.34672	1.58E+00	0.084083	0.000168	0.014362	1.68E+00	1.561815	0.072317	0.000137	0.015253	1.649523
6001	482669.42	3853621.63	14.27239	16.47725	10.57763	10.34013	1.29E+00	0.06971	0.0002	0.02395	1.38725	1.63E+00	0.087981	0.000168	0.013981	1.73E+00	1.609207	0.07567	0.000137	0.014849	1.699863
6002	482645.99	3853446.13	13.05724	15.62494	10.441	9.21899	1.18E+00	0.0661	0.0002	0.02135	1.27092	1.49E+00	0.08343	0.000166	0.012465	1.59E+00	1.472199	0.071756	0.000136	0.013239	1.557329
6003	482623.97	3853370.48	11.23928	16.17208	10.72207	9.5999	1.02E+00	0.06842	0.0002	0.02224	1.10938	1.29E+00	0.086351	0.00017	0.01298	1.39E+00	1.267225	0.074268	0.000139	0.013786	1.355418
6004	482601.94	3853294.84	10.30597	16.38184	11.04114	9.9311	9.34E-01	0.0693	0.00021	0.023	1.02646	1.18E+00	0.087471	0.000175	0.013428	1.28E+00	1.161995	0.075231	0.000143	0.014262	1.251631
6005	482531.29	3853133.44	9.96399	15.0685	11.70969	11.59331	9.03E-01	0.06375	0.00022	0.02685	0.99378	1.14E+00	0.080459	0.000186	0.015675	1.24E+00	1.123436	0.0692	0.000152	0.016649	1.209437
6006	482482.68	3853047.69	9.78509	14.18375	11.60959	11.77302	8.87E-01	0.06	0.00022	0.02727	0.97424	1.12E+00	0.075734	0.000185	0.015918	1.21E+00	1.103266	0.065137	0.000151	0.016907	1.18546
6007	482383.09	3852897.4	9.48168	13.17634	10.83673	11.64359	8.59E-01	0.05574	0.0002	0.02697	0.94216	1.08E+00	0.070355	0.000172	0.015743	1.17E+00	1.069056	0.060511	0.000141	0.016721	1.146428
6008	482265.64	3852765.26	9.04265	12.43109	10.19253	10.82902	8.19E-01	0.05259	0.00019	0.02508	0.89733	1.03E+00	0.066376	0.000162	0.014642	1.12E+00	1.019556	0.057088	0.000132	0.015551	1.092327
6009	482199.16	3852697.66	8.87544	12.04604	9.94149	10.54178	8.04E-01	0.05096	0.00019	0.02442	0.87987	1.02E+00	0.06432	0.000158	0.014254	1.09E+00	1.000703	0.05532	0.000129	0.015139	1.07129
6010	482132.69	3852630.07	8.72245	11.72412	9.70763	10.31152	7.90E-01	0.0496	0.00018	0.02388	0.86411	9.98E-01	0.062601	0.000154	0.013942	1.07E+00	0.983453	0.053842	0.000126	0.014808	1.052229
6011	482066.21	3852562.48	8.56572	11.38304	9.47515	10.10013	7.76E-01	0.04816	0.00018	0.02339	0.84797	9.80E-01	0.06078	0.000151	0.013656	1.05E+00	0.965782	0.052275	0.000123	0.014504	1.032684
6012	481999.74	3852494.89	8.40227	11.13588	9.2607	9.8958	7.61E-01	0.04711	0.00017	0.02292	0.83164	9.61E-01	0.05946	0.000147	0.01338	1.03E+00	0.947353	0.05114	0.00012	0.014211	1.012824
6013	481933.26	3852427.29	8.2419	10.91883	9.05562	9.69758	7.47E-01	0.04619	0.00017	0.02246	0.81572	9.43E-01	0.058301	0.000144	0.013112	1.01E+00	0.929271	0.050143	0.000118	0.013926	0.993459
6014	481866.79	3852359.7	8.11242	10.74096	8.87664	9.50282	7.35E-01	0.04544	0.00017	0.02201	0.80278	9.28E-01	0.057352	0.000141	0.012849	9.98E-01	0.914673	0.049326	0.000115	0.013647	0.977761
6015	481800.31	3852292.11	7.98313	10.57144	8.70422	9.31065	7.23E-01	0.04472	0.00016	0.02157	0.7899	9.13E-01	0.056446	0.000138	0.012589	9.82E-01	0.900095	0.048548	0.000113	0.013371	0.962127
6016	481733.84	3852224.52	7.84137	10.37317	8.52528	9.12339	7.11E-01	0.04388	0.00016	0.02113	0.77578	8.97E-01	0.055388	0.000135	0.012336	9.65E-01	0.884112	0.047637	0.000111	0.013102	0.944962
6017	481667.36	3852156.92	7.69837	10.20297	8.36498	8.92899	6.98E-01	0.04316	0.00016	0.02068	0.76164	8.81E-01	0.054479	0.000133	0.012073	9.47E-01	0.867989	0.046856	0.000109	0.012822	0.927775
6018	481600.89	3852089.33	7.53336	10.00398	8.17549	8.75146	6.83E-01	0.04232	0.00015	0.02027	0.74543	8.62E-01	0.053416	0.00013	0.011833	9.27E-01	0.849384	0.045942	0.000106	0.012568	0.907999
6019	481534.41	3852021.74	7.36702	9.79249	7.98589	8.55846	6.68E-01	0.04143	0.00015	0.01982	0.72901	8.43E-01	0.052287	0.000127	0.011572	9.07E-01	0.830629	0.044971	0.000104	0.01229	0.887994
6020	481467.94	3851954.15	7.21069	9.52129	7.79757	8.37976	6.53E-01	0.04028	0.00015	0.01941	0.71328	8.25E-01	0.050839	0.000124	0.01133	8.87E-01	0.813003	0.043725	0.000101	0.012034	0.868863
6021	481401.46	3851886.55	7.0676	9.27626	7.62814	8.19693	6.40E-01	0.03924	0.00014	0.01899	0.69885	8.08E-01	0.049531	0.000121	0.011083	8.69E-01	0.796869	0.0426	9.9E-05	0.011771	0.85134
6022	481265.87	3851761.43	6.82661	8.81002	7.28321	7.89687	6.19E-01	0.03727	0.00014	0.01829	0.67434	7.81E-01	0.047041	0.000116	0.010677	8.39E-01	0.769698	0.040459	9.45E-05	0.01134	0.821592
6023	481196.74	3851703.89	6.73585	8.73648	7.10599	7.72298	6.10E-01	0.03696	0.00013	0.01789	0.6654	7.70E-01	0.046649	0.000113	0.010442	8.28E-01	0.759465	0.040121	9.22E-05	0.011091	0.810769
6024	481076.33	3851619.04	6.46276	8.63595	6.9207	7.20154	5.86E-01	0.03653	0.00013	0.01668	0.63901	7.39E-01	0.046112	0.00011	0.009737	7.95E-01	0.728674	0.039659	8.98E-05	0.010342	0.778765
6025	480939.8	3851549.07	6.19879	8.58548	6.67347	6.91978	5.62E-01	0.03632	0.00012	0.01603	0.61422	7.09E-01	0.045842	0.000106	0.009356	7.64E-01	0.698911	0.039428	8.66E-05	0.009937	0.748363
6026	480854.56	3851506.41	6.20802	7.89945	6.56111	6.41918	5.63E-01	0.03342	0.00012	0.01487	0.61099	7.10E-01	0.042179	0.000104	0.008679	7.61E-01	0.699952	0.036277	8.52E-05	0.009218	0.745533
6027	480769.32	3851463.75	6.11972	7.60417	6.13226	5.67363	5.55E-01	0.03217	0.00011	0.01314	0.60001	7.00E-01	0.040603	9.75E-05	0.007671	7.48E-01	0.689996	0.034921	7.96E-05	0.008148	0.733145
6028	480684.08	3851421.08	5.95302	7.69368	5.81129	5.05061	5.39E-01	0.03255	0.00011	0.0117	0.58383	6.81E-01	0.041081	9.24E-05	0.006829	7.29E-01	0.671201	0.035332	7.54E-05	0.007253	0.713862
6029	480598.84	3851378.42	5.7654	7.33067	5.5835	4.20459	5.22E-01	0.03101	0.0001	0.00974	0.56333	6.59E-01	0.039142	8.87E-05	0.005685	7.04E-01	0.650047	0.033665	7.25E-05	0.006038	0.689823
6030	480435.71	3851275.01	5.39398	6.75804	5.09314	3.87048	4.89E-01	0.02859	9.5E-05	0.00896	0.52646	6.17E-01	0.036085	8.09E-05	0.005233	6.58E-01	0.608169	0.031035	6.61E-05	0.005558	0.644829
6031	480347.85	3851232.36	5.17467	6.28154	4.58714	3.81036	4.69E-01	0.02657	8.6E-05	0.00883	0.50442	5.92E-01	0.03354	7.29E-05	0.005152	6.31E-01	0.583442	0.028847	5.95E-05	0.005472	0.617821
6032	480260	3851189.72	4.99901	6.0164	4.02199	3.70411	4.53E-01	0.02545	7.5E-05	0.00858	0.48713	5.72E-01	0.032125	6.39E-05	0.005008	6.09E-01	0.563637	0.02763	5.22E-05	0.005319	0.596638
6033	480172.15	3851147.07	4.74264	5.70737	4.10158	3.69202	4.30E-01	0.02415	7.7E-05	0.00855	0.46256	5.42E-01	0.030475	6.52E-05	0.004992	5.78E-01	0.534731	0.02621	5.32E-05	0.005302	0.566297
6034	480084.29	3851104.42	4.50177	5.36596	3.93627	3.41183	4.08E-01	0.0227	7.4E-05	0.0079	0.43864	5.15E-01	0.028652	6.26E-05	0.004613	5.48E-01	0.507573	0.024642	5.11E-05	0.0049	0.537166
6035	479996.44	3851061.77	4.26353	5.00318	3.70565	3.40648	3.86E-01	0.02117	6.9E-05	0.00789	0.4155	4.88E-01	0.026715	5.89E-05	0.004606	5.19E-01	0.480712	0.022976	4.81E-05	0.004892	0.508628

6036	479908.58	3851019.13	4.10534	4.76906	3.64645	3.12674	3.72E-01	0.02018	6.8E-05	0.00724	0.39952	4.70E-01	0.025464	5.8E-05	0.004228	4.99E-01	0.462876	0.021901	4.73E-05	0.00449	0.489314
6037	479820.73	3850976.48	3.95827	4.55168	3.63727	2.80285	3.59E-01	0.01926	6.8E-05	0.00649	0.38452	4.53E-01	0.024304	5.78E-05	0.00379	4.81E-01	0.446294	0.020903	4.72E-05	0.004025	0.471269
6038	479732.88	3850933.83	3.88644	4.44134	3.41594	2.85505	3.52E-01	0.01879	6.4E-05	0.00661	0.37766	4.45E-01	0.023715	5.43E-05	0.00386	4.72E-01	0.438195	0.020396	4.43E-05	0.0041	0.462735
6039	479645.02	3850891.18	3.72983	4.41915	3.33483	3.01243	3.38E-01	0.0187	6.2E-05	0.00698	0.36374	4.27E-01	0.023596	5.3E-05	0.004073	4.54E-01	0.420537	0.020294	4.33E-05	0.004326	0.445201
6040	479557.17	3850848.54	3.62753	4.27823	3.22963	3.07687	3.29E-01	0.0181	6E-05	0.00713	0.35402	4.15E-01	0.022844	5.13E-05	0.00416	4.42E-01	0.409003	0.019647	4.19E-05	0.004419	0.43311
6041	479469.32	3850805.89	3.49373	4.08116	2.88044	2.91164	3.17E-01	0.01727	5.4E-05	0.00674	0.34067	4.00E-01	0.021791	4.58E-05	0.003937	4.25E-01	0.393917	0.018742	3.74E-05	0.004181	0.416878
6042	479381.46	3850763.24	3.47409	4.12461	2.83966	2.82579	3.15E-01	0.01745	5.3E-05	0.00655	0.33888	3.97E-01	0.022023	4.51E-05	0.003821	4.23E-01	0.391702	0.018942	3.69E-05	0.004058	0.414739
6043	479293.61	3850720.59	3.35736	3.97075	2.85249	2.85146	3.04E-01	0.0168	5.3E-05	0.0066	0.32771	3.84E-01	0.021202	4.53E-05	0.003855	4.09E-01	0.378541	0.018235	3.7E-05	0.004095	0.400908
6044	479205.76	3850677.95	3.24457	3.88679	2.95154	2.75646	2.94E-01	0.01644	5.5E-05	0.00638	0.31691	3.71E-01	0.020754	4.69E-05	0.003727	3.96E-01	0.365824	0.01785	3.83E-05	0.003958	0.38767
6045	479117.9	3850635.3	3.03844	3.65018	3.04075	2.87157	2.75E-01	0.01544	5.7E-05	0.00665	0.2975	3.48E-01	0.01949	4.83E-05	0.003883	3.71E-01	0.342583	0.016763	3.95E-05	0.004124	0.363509
6046	479030.05	3850592.65	2.92354	3.43246	3.06247	2.75084	2.65E-01	0.01452	5.7E-05	0.00637	0.28589	3.34E-01	0.018328	4.87E-05	0.003719	3.56E-01	0.329628	0.015763	3.98E-05	0.00395	0.349381
6047	478942.19	3850550	2.89112	3.39004	2.94526	2.65271	2.62E-01	0.01434	5.5E-05	0.00614	0.28254	3.31E-01	0.018101	4.68E-05	0.003587	3.52E-01	0.325973	0.015568	3.82E-05	0.003809	0.345389
6048	478854.34	3850507.36	2.92669	3.36464	2.97513	2.60124	2.65E-01	0.01423	5.6E-05	0.00602	0.28554	3.35E-01	0.017966	4.73E-05	0.003517	3.56E-01	0.329983	0.015452	3.86E-05	0.003736	0.349209
6049	478766.49	3850464.71	2.94088	3.36118	2.87352	2.56049	2.67E-01	0.01422	5.4E-05	0.00593	0.28671	3.36E-01	0.017947	4.57E-05	0.003462	3.58E-01	0.331583	0.015436	3.73E-05	0.003677	0.350733
6050	478678.63	3850422.06	2.98513	3.39599	2.8211	2.52837	2.71E-01	0.01437	5.3E-05	0.00586	0.29079	3.41E-01	0.018133	4.48E-05	0.003419	3.63E-01	0.336572	0.015596	3.66E-05	0.003631	0.355836
6051	478590.78	3850379.41	2.99009	3.43935	2.79558	2.48752	2.71E-01	0.01455	5.2E-05	0.00576	0.29133	3.42E-01	0.018364	4.44E-05	0.003363	3.64E-01	0.337132	0.015795	3.63E-05	0.003572	0.356535
6052	478502.93	3850336.77	3.03221	3.32926	2.80812	2.41301	2.75E-01	0.01408	5.3E-05	0.00559	0.29451	3.47E-01	0.017777	4.46E-05	0.003263	3.68E-01	0.341881	0.015289	3.65E-05	0.003465	0.360671
6053	478415.07	3850294.12	2.9587	3.27382	2.75408	2.20902	2.68E-01	0.01385	5.2E-05	0.00512	0.28714	3.38E-01	0.017481	4.38E-05	0.002987	3.59E-01	0.333592	0.015035	3.57E-05	0.003172	0.351835
6054	478327.22	3850251.47	2.93058	3.23066	2.77513	2.12602	2.66E-01	0.01367	5.2E-05	0.00492	0.28422	3.35E-01	0.01725	4.41E-05	0.002875	3.55E-01	0.330422	0.014836	3.6E-05	0.003053	0.348347
6055	478239.36	3850208.82	2.862	3.17485	2.85992	2.19827	2.59E-01	0.01343	5.4E-05	0.00509	0.27794	3.27E-01	0.016952	4.55E-05	0.002972	3.47E-01	0.32269	0.01458	3.71E-05	0.003157	0.340464
6056	478151.51	3850166.18	2.8251	3.15874	2.95541	2.25787	2.56E-01	0.01336	5.5E-05	0.00523	0.27466	3.23E-01	0.016866	4.7E-05	0.003053	3.43E-01	0.318529	0.014506	3.84E-05	0.003242	0.336316
6057	478063.66	3850123.53	2.76895	3.2579	2.94074	2.31949	2.51E-01	0.01378	5.5E-05	0.00537	0.27014	3.17E-01	0.017396	4.67E-05	0.003136	3.37E-01	0.312198	0.014961	3.82E-05	0.003331	0.330529
6058	477975.8	3850080.88	2.72219	3.15742	2.96311	2.50796	2.47E-01	0.01336	5.5E-05	0.00581	0.26591	3.11E-01	0.016859	4.71E-05	0.003391	3.32E-01	0.306926	0.0145	3.85E-05	0.003602	0.325066
6059	477887.95	3850038.23	2.76255	3.19301	2.98581	2.62992	2.50E-01	0.01351	5.6E-05	0.00609	0.27	3.16E-01	0.017049	4.75E-05	0.003556	3.37E-01	0.311477	0.014663	3.88E-05	0.003777	0.329956
6060	477800.1	3849995.59	2.78141	3.29274	2.94993	2.80882	2.52E-01	0.01393	5.5E-05	0.00651	0.27255	3.18E-01	0.017582	4.69E-05	0.003798	3.40E-01	0.313603	0.015121	3.83E-05	0.004034	0.332796
6061	477712.24	3849952.94	2.80895	3.30639	2.92905	2.84866	2.55E-01	0.01399	5.5E-05	0.0066	0.27519	3.21E-01	0.017655	4.66E-05	0.003852	3.43E-01	0.316708	0.015184	3.8E-05	0.004091	0.336021
6062	477624.39	3849910.29	2.76226	3.24395	2.89045	2.80393	2.50E-01	0.01372	5.4E-05	0.00649	0.27059	3.16E-01	0.017321	4.59E-05	0.003791	3.37E-01	0.311444	0.014897	3.75E-05	0.004027	0.330405
6063	477536.54	3849867.64	2.68598	3.21711	2.8539	2.73162	2.43E-01	0.01361	5.3E-05	0.00633	0.2634	3.07E-01	0.017178	4.54E-05	0.003693	3.28E-01	0.302843	0.014774	3.7E-05	0.003923	0.321577
6064	477448.68	3849825	2.66063	3.19121	2.8088	2.76047	2.41E-01	0.0135	5.3E-05	0.00639	0.26106	3.04E-01	0.01704	4.46E-05	0.003732	3.25E-01	0.299985	0.014655	3.65E-05	0.003964	0.318641
6065	477360.83	3849782.35	2.61185	3.17028	2.74333	2.77768	2.37E-01	0.01341	5.1E-05	0.00643	0.25659	2.99E-01	0.016928	4.36E-05	0.003756	3.19E-01	0.294485	0.014559	3.56E-05	0.003989	0.313069
6066	477272.97	3849739.7	2.61284	3.13604	2.63661	2.64638	2.37E-01	0.01327	4.9E-05	0.00613	0.25623	2.99E-01	0.016745	4.19E-05	0.003578	3.19E-01	0.294597	0.014402	3.42E-05	0.0038	0.312833
6067	477185.12	3849697.05	2.59576	3.08726	2.54467	2.58095	2.35E-01	0.01306	4.8E-05	0.00598	0.25432	2.97E-01	0.016484	4.04E-05	0.00349	3.17E-01	0.292671	0.014178	3.3E-05	0.003706	0.310588
6068	477097.27	3849654.41	2.58485	2.97736	2.4671	2.59143	2.34E-01	0.0126	4.6E-05	0.006	0.25289	2.96E-01	0.015898	3.92E-05	0.003504	3.15E-01	0.291441	0.013673	3.2E-05	0.003721	0.308868
6069	477009.41	3849611.76	2.55474	2.87104	2.42595	2.56605	2.32E-01	0.01215	4.5E-05	0.00594	0.24965	2.92E-01	0.01533	3.86E-05	0.00347	3.11E-01	0.288046	0.013185	3.15E-05	0.003685	0.304947
6070	476841.49	3849530.08	2.42488	2.70651	2.44041	2.4946	2.20E-01	0.01145	4.6E-05	0.00578	0.23702	2.77E-01	0.014451	3.88E-05	0.003373	2.95E-01	0.273404	0.012429	3.17E-05	0.003582	0.289448
6071	476761.41	3849491.05	2.34446	2.6083	2.42342	2.47707	2.12E-01	0.01103	4.5E-05	0.00574	0.22928	2.68E-01	0.013927	3.85E-05	0.003349	2.85E-01	0.264337	0.011978	3.15E-05	0.003557	0.279904
6072	476681.34	3849452.02	2.29915	2.62919	2.42979	2.46748	2.08E-01	0.01112	4.5E-05	0.00572	0.22524	2.63E-01	0.014039	3.86E-05	0.003336	2.80E-01	0.259228	0.012074	3.15E-05	0.003543	0.274878
6073	476601.26	3849412.99	2.2985	2.60263	2.43265	2.44066	2.08E-01	0.01101	4.6E-05	0.00565	0.225	2.63E-01	0.013897	3.87E-05	0.0033	2.80E-01	0.259155	0.011952	3.16E-05	0.003505	0.274644
6074	476456.32	3849353.67	2.31181	2.58532	2.39386	2.26559	2.10E-01	0.01094	4.5E-05	0.00525	0.22573	2.64E-01	0.013804	3.8E-05	0.003063	2.81E-01	0.260656	0.011873	3.11E-05	0.003254	0.275813
6075	476305.43	3849318.83	2.33889	2.65233	2.20346	2.02235	2.12E-01	0.01122	4.1E-05	0.00468	0.2279	2.68E-01	0.014162	3.5E-05	0.002734	2.84E-01	0.263709	0.01218	2.86E-05	0.002904	0.278822
6076	476129.36	3849289.99	2.25542	2.52635	2.17535	2.01399	2.04E-01	0.01069	4.1E-05	0.00466	0.21978	2.58E-01	0.013489	3.46E-05	0.002723	2.74E-01	0.254298	0.011602	2.82E-05	0.002892	0.26882
6077	476039.31	3849275.68	2.28471	2.60513	2.20874	1.84904	2.07E-01	0.01102	4.1E-05	0.00428	0.22239	2.61E-01	0.01391	3.51E-05	0.0025	2.78E-01	0.2576	0.011964	2.87E-05	0.002655	0.272248
6078	475949.26	3849261.38	2.31426	2.54705	2.15265	1.87981	2.10E-01	0.01078	4E-05	0.00435	0.22489	2.65E-01	0.0136	3.42E-05	0.002542	2.81E-01	0.260932	0.011697	2.79E-05	0.0027	0.275356
6079	475859.21	3849247.08	2.19719	2.38534	2.04152	1.9333	1.99E-01	0.01009	3.8E-05	0.00448	0.21372	2.51E-01	0.012737	3.24E-05	0.002614	2.67E-01	0.247732	0.010954	2.65E-05	0.002776	0.26149
6080	475769.16	3849232.77	2.09399	2.35101	1.95958	1.77457	1.90E-01	0.00995	3.7E-05	0.00411	0.20385	2.40E-01	0.012553	3.11E-05	0.002399	2.54E-01	0.236097	0.010797	2.54E-05	0.002548	0.249467
6081	475585.22	3849219.27	2.1742	2.34465	2.04049	1.56011	1.97E-01	0.00992	3.8E-05	0.00361	0.2106	2.49E-01	0.012519	3.24E-05	0.002109	2.63E-01	0.24514	0.010768	2.65E-05	0.00224	0.258175
6082	475444.49	3849150.35	2.11603	2.31371	2.0938	1.71124	1.92E-01	0.00979	3.9E-05	0.00396	0.20555	2.42E-01	0.012354	3.33E-05	0.002314	2.57E-01	0.238582	0.010625	2.72E-05	0.002457	0.251692
6083	475334.17	3849118.71	2.09019	2.26614	2.0652	1.86463	1.89E-01	0.00959	3.9E-05	0.00432	0.20336	2.39E-01	0.0121	3.28E-05	0.002521	2.54E-01	0.235668	0.010407	2.68E-05	0.002678	0.24878
6084	475230.47	3849060.56	2.05458	2.23612	2.0267	1.86899	1.86E-01	0.00946	3.8E-05	0.00433	0.20002	2.35E-01	0.01194	3.22E-05	0.002527	2.49E-01	0.231653	0.010269	2.63E-05	0.002684	0.244633
6085	475110.86	3848960.97	2.01024	2.18936	1.98803	1.7734	1.82E-01	0.00926	3.7E-05	0.00411	0.19558	2.30E-01	0.01169	3.16E-05	0.002398	2.44E-01	0.226654	0.010054	2.58E-05	0.002547	0.239281
6086	475037.79	3848896.28	1.98751	2.16583	1.96041	1.68751	1.80E-01	0.00916	3.7E-05	0.00391	0.19322	2.27E-01	0.011564	3.12E-05	0.002282	2.41E-01	0.224091	0.009946	2.54E-05	0.002423	0.236486
6087	474964.72	3848831.59	1.97252	2.15238	1.90796	1.58839	1.79E-01	0.00911	3.6E-05	0.00368	0.19157	2.26E-01	0.011493	3.03E-05	0.002148	2.39E-01	0.222401	0.009885	2.48E-05	0.002281	0.234591
6088	474891.65	3848766.9	1.9729	2.15586	1.8679	1.51508	1.79E-01	0.00912	3.5E-05	0.00351	0.19145	2.26E-01	0.011511	2.97E-05	0.002049	2.39E-01	0.222444	0.009901	2.42E-05	0.002176	0.234544
6089	474818.58	3848702.21	1.94961	2.13418	1.80586	1.49625	1.77E-01	0.00903	3.4E-05	0.00347	0.18921	2.23E-01	0.011395	2.87E-05	0.002023	2.36E-01	0.219818	0.009801	2.34E-05	0.002149	0.231791
6090	474745.51	3848637.53	1.88306	2.11415	1.75765	1.50318	1.71E-01	0.00894	3.3E-05	0.00348	0.18311	2.15E-01	0.011289	2.79E-05	0.002032	2.29E-01	0.212314	0.009709	2.28E-05	0.002159	0.224205
6091	474672.44	3848572.84	1.82283	2.09279	1.70676	1.49029	1.65E-01	0.00885	3.2E-05	0.00345	0.17753	2.08E-01	0.011174	2.71E-05	0.002015	2.22E-01	0.205523	0.009611	2.22E-05	0.00214	0.217297
6092	474599.37	3848508.15	1.75839	2.04814	1.66743	1.45046	1.59E-01	0.00866	3.1E-05	0.00336	0.1714	2.01E-01	0.010936	2.65E-05	0.001961	2.14E-01	0.198258	0.009406	2.16E-05	0.002083	0.209768
6093	474526.3	3848443.46	1.69216	1.96832	1.61338	1.43716	1.53E-01	0.00833	3E-05	0.00333	0.16503	1.94E-01	0.01051	2.56E-05	0.001943	2.06E-01	0.19079	0.009039	2.09E-05	0.002064	0.201914

			CO				2028 - RD					2033 - RD					2048 - RD				
			1hr				Rates	2.28E-02	1.07E-03	1.51E-05	3.20E-03	Ra	3.02E-02	1.41E-03	1.22E-05	1.98E-03	Ra	3.50E-02	1.42E-03	9.05E-06	2.19E-03	
			Concentration [ug/m^3] at 1 g/s					Concentration [ug/m^3]					Concentration [ug/m^3]					Concentration [ug/m^3]				
	X	Y	IMF (SLINE	IMF-Idle (F	IMF-Truck	IMF-Truck-Idle (PAREA5)		IMF	IMF-Idle	IMF-Truck	IMF-Truck	Total	IMF	IMF-Idle	IMF-Trucks	IMF-Truck-	Total	IMF	IMF-Idle	IMF-Trucks	IMF-Truck-	Total
1	485973.61	3854936.51	10.8492	32.59308	13.88331	5.66326		2.48E-01	0.03472	0.00021	0.01811	3.01E-01	3.27E-01	0.045922	0.00017	0.011241	3.85E-01	3.79E-01	0.046417	0.000126	0.012401	0.438285
2	486023.61	3854936.51	10.33916	30.27754	12.68448	5.63147		2.36E-01	0.03226	0.00019	0.018	0.2864	3.12E-01	0.042659	0.000155	0.011178	3.66E-01	0.361508	0.04312	0.000115	0.012331	0.417074
3	486073.61	3854936.51	10.01588	29.46983	11.43849	5.59955		2.29E-01	0.0314	0.00017	0.0179	0.27804	3.02E-01	0.041521	0.00014	0.011115	3.55E-01	0.350205	0.041969	0.000103	0.012261	0.404539
4	486123.61	3854936.51	9.26493	29.05278	10.32687	5.56539		2.11E-01	0.03095	0.00016	0.01779	0.26033	2.80E-01	0.040934	0.000126	0.011047	3.32E-01	0.323948	0.041375	9.34E-05	0.012186	0.377603
5	486173.61	3854936.51	9.22018	28.67671	10.33278	5.53352		2.10E-01	0.03055	0.00016	0.01769	0.25881	2.78E-01	0.040404	0.000126	0.010983	3.30E-01	0.322383	0.04084	9.35E-05	0.012117	0.375433
6	486223.61	3854936.51	8.77661	28.28173	9.91586	5.49697		2.00E-01	0.03013	0.00015	0.01757	0.24814	2.65E-01	0.039847	0.000121	0.010911	3.16E-01	0.306874	0.040277	8.97E-05	0.012037	0.359277
7	486273.61	3854936.51	8.47248	27.89998	9.63756	5.45471		1.93E-01	0.02972	0.00015	0.01744	0.24066	2.56E-01	0.039309	0.000118	0.010827	3.06E-01	0.29624	0.039734	8.72E-05	0.011944	0.348005
8	486323.61	3854936.51	8.21973	27.52314	9.40811	5.40767		1.88E-01	0.02932	0.00014	0.01729	0.23433	2.48E-01	0.038778	0.000115	0.010734	2.98E-01	0.287402	0.039197	8.51E-05	0.011841	0.338525
9	485973.61	3854986.51	12.14783	35.32181	14.85172	5.67846		2.77E-01	0.03763	0.00022	0.01815	0.33323	3.67E-01	0.049766	0.000182	0.011271	4.28E-01	0.424748	0.050303	0.000134	0.012434	0.48762
10	486023.61	3854986.51	11.68834	33.70571	13.82408	5.64785		2.67E-01	0.03591	0.00021	0.01806	0.32091	3.53E-01	0.047489	0.000169	0.01121	4.12E-01	0.408682	0.048002	0.000125	0.012367	0.469176
11	486073.61	3854986.51	11.17816	31.54782	12.40764	5.61488		2.55E-01	0.03361	0.00019	0.01795	0.30684	3.37E-01	0.044449	0.000152	0.011145	3.93E-01	0.390844	0.044929	0.000112	0.012295	0.448179
12	486123.61	3854986.51	10.68719	29.59879	11.66791	5.58197		2.44E-01	0.03153	0.00018	0.01785	0.29344	3.23E-01	0.041703	0.000143	0.01108	3.75E-01	0.373677	0.042153	0.000106	0.012223	0.428158
13	486173.61	3854986.51	10.36004	28.91112	11.42914	5.55001		2.36E-01	0.0308	0.00017	0.01774	0.28514	3.13E-01	0.040734	0.00014	0.011016	3.65E-01	0.362238	0.041174	0.000103	0.012153	0.415668
14	486223.61	3854986.51	9.88105	27.02165	10.88692	5.51435		2.25E-01	0.02879	0.00016	0.01763	0.27207	2.98E-01	0.038072	0.000133	0.010945	3.47E-01	0.34549	0.038483	9.85E-05	0.012075	0.396146
15	486273.61	3854986.51	9.37053	25.69196	10.27686	5.47361		2.14E-01	0.02737	0.00015	0.0175	0.25887	2.83E-01	0.036198	0.000126	0.010865	3.30E-01	0.32764	0.036589	9.3E-05	0.011985	0.376308
16	486323.61	3854986.51	9.25354	25.5254	10.37728	5.43149		2.11E-01	0.02719	0.00016	0.01736	0.25589	2.79E-01	0.035964	0.000127	0.010781	3.26E-01	0.32355	0.036352	9.39E-05	0.011893	0.371888
17	485973.61	3855036.51	13.50856	38.62991	15.8864	5.69309		3.08E-01	0.04115	0.00024	0.0182	0.36787	4.08E-01	0.054427	0.000194	0.0113	4.74E-01	0.472326	0.055015	0.000144	0.012466	0.53995
18	486023.61	3855036.51	12.85029	36.12763	14.84905	5.66269		2.93E-01	0.03849	0.00022	0.0181	0.35007	3.88E-01	0.050902	0.000182	0.01124	4.50E-01	0.44931	0.051451	0.000134	0.012399	0.513294
19	486073.61	3855036.51	12.30057	33.11434	13.37095	5.62893		2.81E-01	0.03528	0.0002	0.018	0.33418	3.71E-01	0.046656	0.000164	0.011173	4.29E-01	0.430089	0.04716	0.000121	0.012325	0.489695
20	486123.61	3855036.51	11.84346	30.92732	12.33301	5.59675		2.70E-01	0.03295	0.00019	0.01789	0.3213	3.57E-01	0.043575	0.000151	0.011109	4.12E-01	0.414106	0.044045	0.000112	0.012255	0.470518
21	486173.61	3855036.51	11.53882	29.77656	12.0786	5.56575		2.63E-01	0.03172	0.00018	0.01779	0.31302	3.48E-01	0.041953	0.000148	0.011047	4.01E-01	0.403454	0.042406	0.000109	0.012187	0.458157
22	486223.61	3855036.51	11.00594	27.2541	11.3377	5.53026		2.51E-01	0.02903	0.00017	0.01768	0.29805	3.32E-01	0.038399	0.000139	0.010977	3.82E-01	0.384822	0.038814	0.000103	0.012109	0.435848
23	486273.61	3855036.51	10.77	27.04521	11.19942	5.49434		2.46E-01	0.02881	0.00017	0.01757	0.29233	3.25E-01	0.038105	0.000137	0.010906	3.74E-01	0.376572	0.038516	0.000101	0.012031	0.427221
24	486323.61	3855036.51	10.36433	25.54118	10.70657	5.45109		2.37E-01	0.02721	0.00016	0.01743	0.28132	3.13E-01	0.035986	0.000131	0.01082	3.60E-01	0.362388	0.036374	9.69E-05	0.011936	0.410796
25	485973.61	3855086.51	14.88926	47.89855	16.80256	7.09503		3.40E-01	0.05103	0.00025	0.02268	0.41375	4.49E-01	0.067486	0.000206	0.014083	5.31E-01	0.520602	0.068215	0.000152	0.015536	0.604504
26	486023.61	3855086.51	14.40037	45.75077	15.93958	7.06574		3.29E-01	0.04874	0.00024	0.02259	0.4002	4.35E-01	0.06446	0.000195	0.014025	5.13E-01	0.503508	0.065156	0.000144	0.015472	0.58428
27	486073.61	3855086.51	13.63933	42.32763	14.5165	5.645		3.11E-01	0.04509	0.00022	0.01805	0.37462	4.12E-01	0.059637	0.000178	0.011205	4.83E-01	0.476898	0.060281	0.000131	0.012361	0.549671
28	486123.61	3855086.51	13.1505	40.48466	13.12825	5.61384		3.00E-01	0.04313	0.0002	0.01795	0.36138	3.97E-01	0.05704	0.000161	0.011143	4.65E-01	0.459806	0.057656	0.000119	0.012292	0.529874
29	486173.61	3855086.51	12.45861	37.66897	12.34352	5.58047		2.84E-01	0.04013	0.00019	0.01784	0.34247	3.76E-01	0.053073	0.000151	0.011077	4.40E-01	0.435615	0.053646	0.000112	0.012219	0.501592
30	486223.61	3855086.51	11.97894	35.9643	11.91622	5.5473		2.73E-01	0.03831	0.00018	0.01773	0.3296	3.62E-01	0.050671	0.000146	0.011011	4.23E-01	0.418843	0.051218	0.000108	0.012147	0.482316
31	485973.61	3855136.51	15.56903	52.07071	17.84469	7.10788		3.55E-01	0.05547	0.00027	0.02272	0.43376	4.70E-01	0.073364	0.000218	0.014108	5.58E-01	0.54437	0.074156	0.000161	0.015564	0.634252
32	486023.61	3855136.51	15.01821	49.68356	16.92656	7.07678		3.43E-01	0.05293	0.00026	0.02262	0.41854	4.53E-01	0.070001	0.000207	0.014047	5.38E-01	0.525111	0.070757	0.000153	0.015496	0.611516
33	486073.61	3855136.51	14.42966	47.21057	15.73707	7.04523		3.29E-01	0.0503	0.00024	0.02252	0.40235	4.36E-01	0.066517	0.000193	0.013984	5.16E-01	0.504532	0.067235	0.000142	0.015427	0.587336
34	486123.61	3855136.51	13.93344	45.07568	14.30592	5.62863		3.18E-01	0.04802	0.00022	0.01799	0.3842	4.21E-01	0.063509	0.000175	0.011172	4.95E-01	0.487182	0.064194	0.000129	0.012325	0.563831
35	486173.61	3855136.51	13.36533	42.72175	13.02951	5.59644		3.05E-01	0.04551	0.0002	0.01789	0.36861	4.03E-01	0.060192	0.000159	0.011108	4.75E-01	0.467318	0.060842	0.000118	0.012254	0.540532
36	486223.61	3855136.51	12.86374	40.72821	12.42669	5.56376		2.94E-01	0.04339	0.00019	0.01779	0.35493	3.88E-01	0.057383	0.000152	0.011043	4.57E-01	0.44978	0.058003	0.000112	0.012183	0.520078
37	485973.61	3855186.51	15.93472	54.53035	18.8274	7.12067		3.64E-01	0.05809	0.00028	0.02276	0.44479	4.81E-01	0.07683	0.00023	0.014134	5.72E-01	0.557157	0.077659	0.00017	0.015592	0.650578
38	486023.61	3855186.51	15.3826	51.92812	18.00684	7.08984		3.51E-01	0.05532	0.00027	0.02267	0.4293	4.64E-01	0.073163	0.00022	0.014073	5.52E-01	0.537852	0.073953	0.000163	0.015524	0.627492
39	486073.61	3855186.51	14.69706	48.26558	16.81133	7.05652		3.35E-01	0.05142	0.00025	0.02256	0.40963	4.44E-01	0.068003	0.000206	0.014006	5.26E-01	0.513882	0.068737	0.000152	0.015451	0.598223
40	486123.61	3855186.51	14.03697	44.7925	15.30096	7.02368		3.20E-01	0.04772	0.00023	0.02245	0.39074	4.24E-01	0.06311	0.000187	0.013941	5.01E-01	0.490802	0.063791	0.000138	0.01538	0.570111
41	486173.61	3855186.51	13.55379	42.32791	13.70451	5.61151		3.09E-01	0.04509	0.00021	0.01794	0.37255	4.09E-01	0.059637	0.000168	0.011138	4.80E-01	0.473907	0.060281	0.000124	0.012287	0.5466
42	486223.61	3855186.51	13.08347	40.32304	13.06812	5.57907		2.99E-01	0.04296	0.0002	0.01784	0.35957	3.95E-01	0.056813	0.00016	0.011074	4.63E-01	0.457463	0.057426	0.000118	0.012216	0.527223
43	486273.61	3855186.51	12.57134	38.57971	12.38039	5.54349		2.87E-01	0.0411	0.00019	0.01772	0.3459	3.79E-01	0.054356	0.000152	0.011003	4.45E-01	0.439556	0.054943	0.000112	0.012138	0.50675
44	486323.61	3855186.51	12.67136	39.2462	12.60484	5.51085		2.89E-01	0.04181	0.00019	0.01762	0.34879	3.82E-01	0.055295	0.000154	0.010938	4.49E-01	0.443053	0.055892	0.000114	0.012067	0.511127
45	485973.61	3855236.51	16.24795	53.60495	19.72836	7.13268		3.71E-01	0.05711	0.0003	0.0228	0.451	4.90E-01	0.075526	0.000241	0.014158	5.80E-01	0.568109	0.076341	0.000178	0.015618	0.660247
46	486023.61	3855236.51	15.53459	50.0899	18.85087	7.09931		3.55E-01	0.05336	0.00028	0.0227	0.43086	4.69E-01	0.070573	0.000231	0.014091	5.54E-01	0.543166	0.071335	0.000171	0.015545	0.630217
47	486073.61	3855236.51	14.72278	46.72784	17.7194	7.06558		3.36E-01	0.04978	0.00027	0.02259	0.40862	4.44E-01	0.065837	0.000217	0.014024	5.24E-01	0.514781	0.066547	0.00016	0.015471	0.59696
48	486123.61	3855236.51	14.24434	44.78107	16.4232	7.03425		3.25E-01	0.04771	0.00025	0.02249	0.39551	4.30E-01	0.063094	0.000201	0.013962	5.07E-01	0.498053	0.063775	0.000149	0.015403	0.577379
49	486173.61	3855236.51	13.76413	42.99823	15.45636	7.00343		3.14E-01	0.04581	0.00023	0.02239	0.38254	4.15E-01	0.060582	0.000189	0.013901	4.90E-01	0.481262	0.061236	0.00014	0.015335	0.557973
50	486223.61	3855236.51	13.28897	40.9578	14.79853	6.97209		3.03E-01	0.04363	0.00022	0.02229	0.36941	4.01E-01	0.057707	0.000181	0.013839	4.73E-01	0.464648	0.05833	0.000134	0.015267	0.538378
51	486273.61	3855236.51	12.66528	37.5351	13.9545	6.02951		2.89E-01	0.03999	0.00021	0.01928	0.34851	3.82E-01	0.052885	0.000171	0.011968	4.47E-01	0.442841	0.053455	0.000126	0.013203	0.509625
52	486323.61	3855236.51	12.73351	40.09079	13.97068	6.08158		2.91E-01	0.04271	0.00021	0.01944	0.35295	3.84E-01	0.056485	0.000171	0.012071	4.53E-01	0.445226	0.057095	0.000126	0.013317	0.515765
53	485973.61	3855286.51	16.64762	55.50808	20.91688	7.14425		3.80E-01	0.05914	0.00032	0.02284	0.4622	5.02E-01	0.078207	0.000256	0.014181	5.95E-01	0.582083	0.079052	0.000189	0.015644	0.676967
54	486023.61	3855286.51	15.79612	53.00808	19.76141	7.13737		3.60E-01	0.05647	0.0003	0.02282	0.44007	4.77E-01	0.074685	0.000242	0.014167	5.66E-01	0.55231	0.075491	0.000179	0.015628	0.643609
55	486073.61	3855286.51	15.28309	50.63661	18.7462	7.16143		3.49E-01	0.05395	0.00028	0.0229	0.4259	4.61E-01	0.071344	0.000229	0.014215	5.47E-01	0.534372	0.072114	0.00017	0.015681	0.622337
56	486123.61	3855286.51	14.80321	47.98214	17.63268	7.18366		3.38E-01	0.05112	0.00027	0.02297	0.41217	4.47E-01	0.067604	0.000216	0.014259	5.29E-01	0.517593	0.068334	0.00016	0.01573	0.601816
57	486173.61	3855286.51	14.27042	45.45535	16.87357	7.20535		3.26E-01	0.04843	0.00025	0.02304	0.39738	4.31E-01	0.064044	0.000207	0.014302	5.09E-01	0.498964	0.064735	0.000153	0.015777	0.579629

58	486223.61	3855286.51	13.79482	43.40885	16.26621	7.22734		3.15E-01	0.04625	0.00025	0.02311	0.38441		4.16E-01	0.06116	0.000199	0.014346	4.92E-01		0.482335	0.061821	0.000147	0.015825	0.560128			
59	486123.61	3855336.51	15.91496	47.95293	19.27781	8.13646		3.63E-01	0.05109	0.00029	0.02601	0.44058		4.80E-01	0.067563	0.000236	0.01615	5.64E-01		0.556466	0.068292	0.000174	0.017816	0.642748			
60	486173.61	3855336.51	15.30567	45.40663	18.40739	8.13786		3.49E-01	0.04837	0.00028	0.02602	0.42396		4.62E-01	0.063975	0.000225	0.016153	5.42E-01		0.535162	0.064666	0.000167	0.017819	0.617813			
61	486223.61	3855336.51	14.64453	43.94319	17.50319	8.13798		3.34E-01	0.04681	0.00026	0.02602	0.4073		4.42E-01	0.061913	0.000214	0.016153	5.20E-01		0.512045	0.062582	0.000158	0.017819	0.592604			
62	486123.61	3855386.51	16.85683	51.08184	20.41436	8.72008		3.85E-01	0.05442	0.00031	0.02788	0.46729		5.09E-01	0.071971	0.00025	0.017308	5.98E-01		0.589398	0.072748	0.000185	0.019094	0.681425			
63	486173.61	3855386.51	16.27395	48.08135	19.50098	8.70975		3.71E-01	0.05122	0.00029	0.02785	0.45075		4.91E-01	0.067744	0.000239	0.017288	5.76E-01		0.569018	0.068475	0.000176	0.019071	0.65674			
64	486223.61	3855386.51	15.75333	45.35681	18.69005	8.70037		3.60E-01	0.04832	0.00028	0.02782	0.43592		4.75E-01	0.063905	0.000229	0.017269	5.57E-01		0.550814	0.064595	0.000169	0.019051	0.634629			
65	486533.18	3855443.15	13.60776	39.06375	15.91093	8.94489		3.11E-01	0.04162	0.00024	0.0286	0.38099		4.11E-01	0.055038	0.000195	0.017755	4.84E-01		0.475795	0.055632	0.000144	0.019586	0.551157			
66	486583.18	3855443.15	13.08928	37.3832	15.32604	8.93521		2.99E-01	0.03983	0.00023	0.02857	0.36733		3.95E-01	0.052671	0.000188	0.017735	4.66E-01		0.457666	0.053239	0.000139	0.019565	0.530609			
67	486633.18	3855443.15	12.58064	35.53426	14.76955	8.92515		2.87E-01	0.03786	0.00022	0.02853	0.35371		3.80E-01	0.050066	0.000181	0.017715	4.48E-01		0.439881	0.050606	0.000134	0.019543	0.510164			
68	486683.18	3855443.15	12.10451	34.45583	14.4606	8.91767		2.76E-01	0.03671	0.00022	0.02851	0.34167		3.65E-01	0.048546	0.000177	0.017701	4.32E-01		0.423234	0.04907	0.000131	0.019527	0.491961			
69	486533.18	3855493.15	14.2743	41.09711	16.29951	9.0457		3.26E-01	0.04378	0.00025	0.02892	0.3987		4.31E-01	0.057903	0.000199	0.017955	5.07E-01		0.4991	0.058528	0.000147	0.019807	0.577583			
70	486583.18	3855493.15	13.86982	40.04403	15.79182	9.03775		3.17E-01	0.04266	0.00024	0.02889	0.38831		4.19E-01	0.056419	0.000193	0.017939	4.93E-01		0.484957	0.057029	0.000143	0.01979	0.561919			
71	486633.18	3855493.15	13.43797	37.42248	15.24955	9.02936		3.07E-01	0.03987	0.00023	0.02887	0.37563		4.06E-01	0.052726	0.000187	0.017922	4.76E-01		0.469858	0.053295	0.000138	0.019771	0.543062			
72	486683.18	3855493.15	13.00439	35.42138	14.75016	9.0211		2.97E-01	0.03774	0.00022	0.02884	0.36357		3.92E-01	0.049906	0.000181	0.017906	4.60E-01		0.454698	0.050445	0.000133	0.019753	0.52503			
73	486533.18	3855543.15	14.78572	41.83113	17.09618	9.07266		3.37E-01	0.04456	0.00026	0.02901	0.41125		4.46E-01	0.058937	0.000209	0.018008	5.23E-01		0.516982	0.059574	0.000155	0.019866	0.596576			
74	486583.18	3855543.15	14.23625	41.94844	16.38411	9.06321		3.25E-01	0.04469	0.00025	0.02898	0.39879		4.30E-01	0.059103	0.000201	0.01799	5.07E-01		0.49777	0.059741	0.000148	0.019845	0.577504			
75	486633.18	3855543.15	13.87532	39.57856	15.84805	9.05637		3.17E-01	0.04216	0.00024	0.02895	0.388		4.19E-01	0.055764	0.000194	0.017976	4.93E-01		0.48515	0.056366	0.000143	0.01983	0.561489			
76	486683.18	3855543.15	13.42615	38.07123	15.15957	9.04688		3.06E-01	0.04056	0.00023	0.02892	0.37611		4.05E-01	0.05364	0.000186	0.017957	4.77E-01		0.469445	0.054219	0.000137	0.01981	0.54361			
77	486533.18	3855593.15	15.44189	42.40913	17.91608	9.06436		3.52E-01	0.04518	0.00027	0.02898	0.42683		4.66E-01	0.059752	0.000219	0.017992	5.44E-01		0.539925	0.060397	0.000162	0.019848	0.620332			
78	486583.18	3855593.15	14.9074	44.05208	17.25522	9.05691		3.40E-01	0.04693	0.00026	0.02896	0.41634		4.50E-01	0.062067	0.000211	0.017977	5.30E-01		0.521236	0.062737	0.000156	0.019832	0.603961			
79	486633.18	3855593.15	14.44845	42.04014	16.66521	9.05002		3.30E-01	0.04479	0.00025	0.02893	0.4037		4.36E-01	0.059232	0.000204	0.017963	5.13E-01		0.505189	0.059871	0.000151	0.019817	0.585028			
80	486683.18	3855593.15	14.01829	37.67614	16.18248	9.04465		3.20E-01	0.04014	0.00024	0.02892	0.38921		4.23E-01	0.053083	0.000198	0.017953	4.94E-01		0.490149	0.053656	0.000146	0.019805	0.563756			
81	486533.18	3855643.15	16.30571	43.33949	18.59414	9.04521		3.72E-01	0.04617	0.00028	0.02892	0.44748		4.92E-01	0.061063	0.000228	0.017954	5.71E-01		0.570128	0.061722	0.000168	0.019806	0.651824			
82	486583.18	3855643.15	15.76638	45.82712	17.94801	9.03869		3.60E-01	0.04882	0.00027	0.0289	0.43779		4.76E-01	0.064568	0.00022	0.017941	5.59E-01		0.551271	0.065265	0.000162	0.019792	0.636489			
83	486633.18	3855643.15	15.25496	45.00487	17.33161	9.0313		3.48E-01	0.04795	0.00026	0.02887	0.42521		4.60E-01	0.063409	0.000212	0.017926	5.42E-01		0.533389	0.064094	0.000157	0.019776	0.617415			
84	486683.18	3855643.15	14.74432	40.53074	16.79346	9.02549		3.36E-01	0.04318	0.00025	0.02885	0.40876		4.45E-01	0.057105	0.000206	0.017915	5.20E-01		0.515534	0.057722	0.000152	0.019763	0.593171			
85	486533.18	3855693.15	16.93478	42.85659	20.23435	9.02345		3.86E-01	0.04566	0.0003	0.02885	0.46128		5.11E-01	0.060382	0.000248	0.017911	5.90E-01		0.592124	0.061034	0.000183	0.019758	0.673099			
86	486583.18	3855693.15	16.39813	46.83995	19.24452	9.01478		3.74E-01	0.0499	0.00029	0.02882	0.45323		4.95E-01	0.065995	0.000236	0.017893	5.79E-01		0.57336	0.066707	0.000174	0.019739	0.65998			
87	486633.18	3855693.15	15.84191	46.64301	18.26154	9.00526		3.62E-01	0.04969	0.00028	0.02879	0.44028		4.78E-01	0.065717	0.000224	0.017875	5.62E-01		0.553911	0.066426	0.000165	0.019719	0.640222			
88	486683.18	3855693.15	15.44945	43.99942	17.68219	9.00169		3.53E-01	0.04687	0.00027	0.02878	0.42849		4.66E-01	0.061992	0.000216	0.017867	5.46E-01		0.540189	0.062662	0.00016	0.019711	0.622721			
89	486733.18	3855693.15	15.07476	39.42356	17.21152	9.0019		3.44E-01	0.042	0.00026	0.02878	0.41506		4.55E-01	0.055545	0.000211	0.017868	5.29E-01		0.527088	0.056145	0.000156	0.019711	0.6031			
90	486783.18	3855693.15	14.64323	38.78318	17.14267	9.00339		3.34E-01	0.04132	0.00026	0.02878	0.40453		4.42E-01	0.054643	0.00021	0.017871	5.15E-01		0.512	0.055233	0.000155	0.019714	0.587102			
91	486533.18	3855743.15	17.54014	43.25475	21.40063	8.99997		4.00E-01	0.04608	0.00032	0.02877	0.47546		5.29E-01	0.060943	0.000262	0.017864	6.08E-01		0.61329	0.061601	0.000194	0.019707	0.694792			
92	486583.18	3855743.15	16.78099	47.05465	20.41745	8.98847		3.83E-01	0.05013	0.00031	0.02874	0.46213		5.06E-01	0.066297	0.00025	0.017841	5.91E-01		0.586746	0.067013	0.000185	0.019682	0.673626			
93	486633.18	3855743.15	16.28327	48.86895	19.61568	8.98109		3.72E-01	0.05206	0.0003	0.02871	0.45267		4.91E-01	0.068853	0.00024	0.017827	5.78E-01		0.569344	0.069597	0.000177	0.019666	0.658783			
94	486683.18	3855743.15	15.99535	47.93259	19.07362	8.97984		3.65E-01	0.05106	0.00029	0.02871	0.44509		4.83E-01	0.067534	0.000233	0.017824	5.68E-01		0.559277	0.068263	0.000173	0.019663	0.647375			
95	486733.18	3855743.15	15.62685	42.39873	18.48922	8.9765		3.57E-01	0.04517	0.00028	0.0287	0.43076		4.72E-01	0.059737	0.000226	0.017817	5.49E-01		0.546392	0.060382	0.000167	0.019656	0.626597			
96	486783.18	3855743.15	15.30777	38.60472	18.23244	8.97994		3.49E-01	0.04113	0.00027	0.02871	0.41945		4.62E-01	0.054392	0.000223	0.017824	5.34E-01		0.535235	0.054979	0.000165	0.019663	0.610042			
97	486533.18	3855793.15	18.66644	43.31146	22.55533	8.97609		4.26E-01	0.04614	0.00034	0.0287	0.50116		5.63E-01	0.061023	0.000276	0.017817	6.42E-01		0.652671	0.061682	0.000204	0.019655	0.734212			
98	486583.18	3855793.15	17.89519	46.49994	21.32483	8.96075		4.08E-01	0.04954	0.00032	0.02865	0.48689		5.40E-01	0.065515	0.000261	0.017786	6.24E-01		0.625704	0.066223	0.000193	0.019621	0.711741			
99	486633.18	3855793.15	17.24256	51.35703	20.83576	8.95914		3.93E-01	0.05471	0.00031	0.02864	0.47716		5.20E-01	0.072359	0.000255	0.017783	6.11E-01		0.602885	0.07314	0.000188	0.019618	0.695831			
100	486683.18	3855793.15	16.5486	51.908	20.34778	8.9582		3.78E-01	0.0553	0.00031	0.02864	0.4619		4.99E-01	0.073135	0.000249	0.017781	5.91E-01		0.578621	0.073925	0.000184	0.019615	0.672345			
101	486733.18	3855793.15	16.14561	47.53766	19.784	9.12505		3.68E-01	0.05064	0.0003	0.02917	0.44857		4.87E-01	0.066978	0.000242	0.018112	5.73E-01		0.56453	0.067701	0.000179	0.019981	0.652391			
102	486783.18	3855793.15	15.82021	40.25042	19.33313	8.95471		3.61E-01	0.04288	0.00029	0.02863	0.43283		4.77E-01	0.05671	0.000237	0.017774	5.52E-01		0.553153	0.057322	0.000175	0.019608	0.630258			
103	486533.18	3855843.15	19.4511	42.87262	23.75504	8.94872		4.44E-01	0.04567	0.00036	0.02861	0.51853		5.87E-01	0.060405	0.000291	0.017762	6.66E-01		0.680107	0.061057	0.000215	0.019595	0.760973			
104	486583.18	3855843.15	18.76084	46.397	22.49974	8.93713		4.28E-01	0.04943	0.00034	0.02857	0.50648		5.66E-01	0.06537	0.000275	0.017739	6.50E-01		0.655972	0.066076	0.000204	0.019569	0.741821			
105	486633.18	3855843.15	18.21573	52.91324	21.79765	8.93566		4.16E-01	0.05637	0.00033	0.02857	0.50096		5.50E-01	0.074551	0.000267	0.017736	6.42E-01		0.636912	0.075356	0.000197	0.019566	0.732031			
106	486683.18	3855843.15	17.62343	55.05747	21.34169	8.93442		4.02E-01	0.05866	0.00032	0.02856	0.48972		5.32E-01	0.077572	0.000261	0.017734	6.27E-01		0.616202	0.07841	0.000193	0.019563	0.714369			
107	486733.18	3855843.15	16.98468	52.19909	20.85907	8.93333		3.88E-01	0.05561	0.00031	0.02856	0.47209		5.13E-01	0.073545	0.000255	0.017732	6.04E-01		0.593868	0.074339	0.000189	0.019561	0.687957			
108	486783.18	3855843.15	16.30577	44.96198	20.33317	8.93152		3.72E-01	0.0479	0.00031	0.02855	0.44887		4.92E-01	0.063349	0.000249	0.017728	5.73E-01		0.57013	0.064032	0.000184	0.019557	0.653904			
109	486533.18	3855893.15	19.88478	44.07079	24.62311	8.91668		4.54E-01	0.04695	0.00037	0.02851	0.52962		6.00E-01	0.062093	0.000301	0.017699	6.80E-01		0.69527	0.062763	0.000223	0.019525	0.777781			
110	486583.18	3855893.15	19.42455	46.03067	23.96379	8.9147		4.43E-01	0.04904	0.00036	0.0285	0.52118		5.86E-01	0.064854	0.000293	0.017695	6.69E-01		0.679178	0.065554	0.000217	0.01952	0.76447			
111	486633.18	3855893.15	18.93335	53.87489	23.25018	8.91216		4.32E-01	0.0574	0.00035	0.02849	0.51831		5.71E-01	0.075906	0.000285	0.01769	6.65E-01		0.662004	0.076726	0.00021	0.019515	0.758454			
112	486683.18	3855893.15	18.40018	57.75607	22.56919	8.91086		4.20E-01	0.06153	0.00034	0.02849	0.51027		5.55E-01	0.081375	0.000276	0.017687	6.55E-01		0.643361	0.082253	0.000204	0.019512	0.74533			
113	486733.18	3855893.15	17.82385	56.3781	21.83768	8.90937		4.07E-01	0.06006	0.00033	0.02848	0.49563		5.38E-01	0.079433	0.000267	0.017684	6.35E-01		0.62321	0.080291	0.000198	0.019509	0.723207			
114	486783.18	3855893.15	17.21556	50.33076	21.2849	8.90922		3.93E-01	0.05362	0.00032	0.02848	0.4753		5.20E-01	0.070913	0.000261	0.017684	6.08E-01		0.601941	0.071678	0.000193	0.019508	0.69332			
115	486533.18	3855943.15	20.58233	45.84683	25.9091	8.89096		4.70E-01	0.04884	0.00039	0.02842	0.54736		6.21E-01	0.064595	0.000317	0.017648	7.04E-01		0.71966	0.065293	0.000234	0.019468	0.804655			
116	486583.18	3855943.15	20.04235	45.51963	25.18587	8.89204		4.57E-01	0.04849	0.00038	0.02843	0.53468		6.05E-01	0.064134	0.000308	0.01765	6.87E-01		0.70078	0.064827	0.000228	0.019471	0.785305			
117	486633.18	3855943.15	19.52136	54.25871	24.45009	8.88855		4.45E-01	0.0578	0.00037	0.02842	0.53208		5.89E-01	0.076447	0.000299	0.017643	6.84E-01		0.682563	0.077272	0.000221	0.019463	0.77952			
118	486683.18	3855943.15	19.07474	60.261	23.90147	8.88835		4.35E-01	0.0642	0.00036	0.02842	0.52828		5.76E-01	0.084904	0.000293	0.017642	6.79E-01		0.666947	0.08582	0.000216	0.019463	0.772446			

119	486733.18	3855943.15	18.54781	60.33049	23.19568	8.886	4.23E-01	0.06427	0.00035	0.02841	0.51631	5.60E-01	0.085002	0.000284	0.017638	6.63E-01	0.648523	0.085919	0.00021	0.019457	0.75411
120	486783.18	3855943.15	18.02503	55.52183	22.55492	8.88623	4.11E-01	0.05915	0.00034	0.02841	0.49924	5.44E-01	0.078227	0.000276	0.017638	6.40E-01	0.630244	0.079071	0.000204	0.019458	0.728977
121	486533.18	3855993.15	21.53953	48.8961	27.82322	8.86823	4.92E-01	0.05209	0.00042	0.02835	0.57241	6.50E-01	0.068892	0.000341	0.017603	7.37E-01	0.753128	0.069635	0.000252	0.019418	0.842434
122	486583.18	3855993.15	20.77389	48.70229	26.84226	8.86684	4.74E-01	0.05188	0.0004	0.02835	0.55471	6.27E-01	0.068618	0.000329	0.0176	7.14E-01	0.726358	0.069359	0.000243	0.019415	0.815375
123	486633.18	3855993.15	20.14982	54.03772	25.75368	8.86487	4.60E-01	0.05757	0.00039	0.02834	0.54613	6.08E-01	0.076136	0.000315	0.017596	7.02E-01	0.704537	0.076958	0.000233	0.019411	0.801139
124	486683.18	3855993.15	19.67353	61.89676	25.00233	8.86479	4.49E-01	0.06594	0.00038	0.02834	0.54362	5.94E-01	0.087209	0.000306	0.017596	6.99E-01	0.687884	0.08815	0.000226	0.019411	0.795671
125	486733.18	3855993.15	19.18199	64.05394	24.36241	8.86291	4.38E-01	0.06824	0.00037	0.02833	0.53469	5.79E-01	0.090248	0.000298	0.017592	6.87E-01	0.670697	0.091222	0.00022	0.019407	0.781547
126	486783.18	3855993.15	18.69238	60.43895	23.74634	8.862	4.27E-01	0.06439	0.00036	0.02833	0.51965	5.64E-01	0.085155	0.000291	0.01759	6.67E-01	0.653578	0.086074	0.000215	0.019405	0.759272
127	486533.18	3856043.15	23.47748	51.80106	29.38951	8.84447	5.36E-01	0.05519	0.00044	0.02828	0.61968	7.09E-01	0.072984	0.00036	0.017555	7.99E-01	0.820889	0.073772	0.000266	0.019366	0.914293
128	486583.18	3856043.15	22.06979	51.52661	28.57482	8.84408	5.04E-01	0.05489	0.00043	0.02827	0.58725	6.66E-01	0.072598	0.00035	0.017555	7.57E-01	0.771669	0.073381	0.000259	0.019366	0.864674
129	486633.18	3856043.15	20.92771	53.13832	27.5403	8.84115	4.78E-01	0.05661	0.00042	0.02827	0.56288	6.32E-01	0.074869	0.000337	0.017549	7.24E-01	0.731736	0.075677	0.000249	0.019359	0.827021
130	486683.18	3856043.15	20.31507	62.98684	26.5677	8.84144	4.64E-01	0.0671	0.0004	0.02827	0.55938	6.13E-01	0.088744	0.000325	0.017549	7.20E-01	0.710315	0.089702	0.00024	0.01936	0.819618
131	486733.18	3856043.15	19.78044	67.13823	25.45722	8.83897	4.51E-01	0.07153	0.00038	0.02826	0.55157	5.97E-01	0.094594	0.000312	0.017544	7.09E-01	0.691622	0.095615	0.00023	0.019354	0.806821
132	486783.18	3856043.15	19.31247	65.61765	24.84435	8.83979	4.41E-01	0.06991	0.00037	0.02826	0.53927	5.83E-01	0.092451	0.000304	0.017546	6.93E-01	0.675259	0.093449	0.000225	0.019356	0.788289
133	486533.18	3856093.15	25.15658	54.91883	31.07776	8.82226	5.74E-01	0.05851	0.00047	0.0282	0.66127	7.59E-01	0.077377	0.00038	0.017511	8.55E-01	0.879598	0.078212	0.000281	0.019318	0.97741
134	486583.18	3856093.15	23.7999	54.60321	30.07449	8.82016	5.43E-01	0.05817	0.00045	0.0282	0.62996	7.18E-01	0.076932	0.000368	0.017507	8.13E-01	0.832162	0.077763	0.000272	0.019313	0.92951
135	486633.18	3856093.15	22.44989	53.85429	29.11849	8.81798	5.12E-01	0.05737	0.00044	0.02819	0.59833	6.78E-01	0.075877	0.000356	0.017503	7.71E-01	0.784959	0.076696	0.000263	0.019308	0.881227
136	486683.18	3856093.15	21.13045	63.23292	28.2108	8.81728	4.82E-01	0.06736	0.00043	0.02819	0.57819	6.38E-01	0.089091	0.000345	0.017501	7.45E-01	0.738825	0.090053	0.000255	0.019307	0.84844
137	486733.18	3856093.15	20.46317	69.80511	27.19025	8.81554	4.67E-01	0.07437	0.00041	0.02818	0.56995	6.18E-01	0.098351	0.000333	0.017498	7.34E-01	0.715494	0.099413	0.000246	0.019303	0.834455
138	486783.18	3856093.15	19.94949	70.16473	26.15824	8.81545	4.55E-01	0.07475	0.00039	0.02818	0.55859	6.02E-01	0.098858	0.00032	0.017498	7.19E-01	0.697533	0.099925	0.000237	0.019303	0.816997
139	486533.18	3856143.15	26.87496	60.89712	32.99269	8.79793	6.13E-01	0.06488	0.0005	0.02813	0.70681	8.11E-01	0.0858	0.000404	0.017463	9.15E-01	0.939681	0.086726	0.000298	0.019265	1.045971
140	486583.18	3856143.15	25.46911	57.53672	31.67901	8.795	5.81E-01	0.0613	0.00048	0.02812	0.67112	7.69E-01	0.081066	0.000388	0.017457	8.68E-01	0.890526	0.081941	0.000287	0.019258	0.992011
141	486633.18	3856143.15	24.06115	57.04648	30.64313	8.79417	5.49E-01	0.06077	0.00046	0.02812	0.63845	7.26E-01	0.080375	0.000375	0.017456	8.24E-01	0.841297	0.081243	0.000277	0.019256	0.942073
142	486683.18	3856143.15	22.69647	62.68847	29.72927	8.79279	5.18E-01	0.06678	0.00045	0.02811	0.6133	6.85E-01	0.088324	0.000364	0.017453	7.91E-01	0.793581	0.089278	0.000269	0.019253	0.902381
143	486733.18	3856143.15	21.38951	71.6844	28.77852	8.79148	4.88E-01	0.07637	0.00043	0.02811	0.59303	6.46E-01	0.100999	0.000352	0.01745	7.64E-01	0.747883	0.102089	0.00026	0.01925	0.869483
144	486783.18	3856143.15	20.84059	74.7197	27.86483	8.79312	4.76E-01	0.0796	0.00042	0.02811	0.58373	6.29E-01	0.105275	0.000341	0.017453	7.52E-01	0.72869	0.106412	0.000252	0.019254	0.854608
145	486533.18	3856193.15	29.45244	69.5095	36.13141	8.77511	6.72E-01	0.07405	0.00054	0.02805	0.77478	8.89E-01	0.097934	0.000442	0.017418	1.00E+00	1.029803	0.098992	0.000327	0.019215	1.148336
146	486583.18	3856193.15	27.2961	60.58969	33.62792	8.77062	6.23E-01	0.06455	0.00051	0.02804	0.71601	8.24E-01	0.085367	0.000412	0.017409	9.27E-01	0.954407	0.086289	0.000304	0.019205	1.060204
147	486633.18	3856193.15	25.8815	60.41066	32.47923	8.76983	5.91E-01	0.06436	0.00049	0.02804	0.68352	7.81E-01	0.085115	0.000398	0.017407	8.84E-01	0.904945	0.086034	0.000294	0.019203	1.010476
148	486683.18	3856193.15	24.36116	61.85091	31.47335	8.77063	5.56E-01	0.06589	0.00047	0.02804	0.65035	7.35E-01	0.087144	0.000385	0.017409	8.40E-01	0.851787	0.088085	0.000285	0.019205	0.959361
149	486733.18	3856193.15	22.94388	72.97748	30.42558	8.76842	5.24E-01	0.07775	0.00046	0.02803	0.62984	6.92E-01	0.102821	0.000372	0.017404	8.13E-01	0.802231	0.103931	0.000275	0.0192	0.925637
150	486783.18	3856193.15	21.82474	78.53276	29.52811	8.76979	4.98E-01	0.08366	0.00045	0.02804	0.6102	6.59E-01	0.110648	0.000361	0.017407	7.87E-01	0.763101	0.111842	0.000267	0.019203	0.894413
151	486533.18	3856243.15	32.56209	78.1942	40.03339	8.90548	7.43E-01	0.0833	0.0006	0.02847	0.85547	9.83E-01	0.110171	0.00049	0.017676	1.11E+00	1.138532	0.11136	0.000362	0.0195	1.269754
152	486583.18	3856243.15	30.18482	68.81833	37.37481	8.74838	6.89E-01	0.07332	0.00056	0.02797	0.79069	9.11E-01	0.096961	0.000457	0.017365	1.03E+00	1.055411	0.098007	0.000338	0.019156	1.172912
153	486633.18	3856243.15	27.8707	64.24668	34.76377	8.74618	6.36E-01	0.06844	0.00052	0.02796	0.73296	8.41E-01	0.090519	0.000425	0.01736	9.49E-01	0.974497	0.091497	0.000314	0.019151	1.08546
154	486683.18	3856243.15	26.18654	63.53083	33.26242	8.74576	5.98E-01	0.06768	0.0005	0.02796	0.69374	7.90E-01	0.089511	0.000407	0.017359	8.98E-01	0.915611	0.090477	0.000301	0.01915	1.025539
155	486733.18	3856243.15	24.6141	73.58434	32.12464	8.7461	5.62E-01	0.07839	0.00048	0.02796	0.66855	7.43E-01	0.103676	0.000393	0.01736	8.64E-01	0.860631	0.104795	0.000291	0.019151	0.984867
156	486783.18	3856243.15	23.07194	81.46739	31.09672	8.74515	5.27E-01	0.08679	0.00047	0.02796	0.64174	6.96E-01	0.114782	0.000381	0.017358	8.29E-01	0.806709	0.116021	0.000281	0.019149	0.942161
157	486533.18	3856293.15	36.04712	84.88567	43.86071	9.2864	8.23E-01	0.09043	0.00066	0.02969	0.94341	1.09E+00	0.119599	0.000537	0.018433	1.23E+00	1.260386	0.12089	0.000397	0.020334	1.402006
158	486583.18	3856293.15	33.27436	79.52227	41.12499	9.07464	7.59E-01	0.08472	0.00062	0.02901	0.8737	1.00E+00	0.112042	0.000503	0.018012	1.13E+00	1.163436	0.113251	0.000372	0.01987	1.29693
159	486633.18	3856293.15	30.81901	69.59143	38.47287	8.90871	7.03E-01	0.07414	0.00058	0.02848	0.80651	9.30E-01	0.09805	0.000471	0.017683	1.05E+00	1.077585	0.099108	0.000348	0.019507	1.196548
160	486683.18	3856293.15	28.35682	67.48426	35.82969	8.75664	6.47E-01	0.07189	0.00054	0.028	0.74755	8.56E-01	0.095081	0.000439	0.017381	9.69E-01	0.991495	0.096107	0.000324	0.019174	1.1071
161	486733.18	3856293.15	26.46066	73.19475	34.00494	8.72276	6.04E-01	0.07798	0.00051	0.02789	0.71023	7.99E-01	0.103127	0.000416	0.017314	9.19E-01	0.925195	0.10424	0.000308	0.0191	1.048843
162	486783.18	3856293.15	24.84151	83.84415	32.76032	8.72161	5.67E-01	0.08932	0.00049	0.02788	0.6846	7.50E-01	0.118131	0.000401	0.017311	8.86E-01	0.868582	0.119406	0.000296	0.019097	1.007382
163	486783.18	3856343.15	26.60685	85.6194	34.64685	9.18269	6.07E-01	0.09121	0.00052	0.02936	0.72828	8.03E-01	0.120632	0.000424	0.018227	9.42E-01	0.930307	0.121935	0.000313	0.020107	1.072662
164	486833.18	3856343.15	24.91423	91.61031	33.41781	8.74787	5.69E-01	0.0976	0.0005	0.02797	0.69463	7.52E-01	0.129073	0.000409	0.017364	8.99E-01	0.871125	0.130466	0.000302	0.019155	1.021048
165	486883.18	3856343.15	23.62432	88.10452	32.18196	8.81152	5.39E-01	0.09386	0.00049	0.02817	0.66164	7.13E-01	0.124134	0.000394	0.01749	8.55E-01	0.826023	0.125474	0.000291	0.019294	0.971082
166	486783.18	3856393.15	29.11259	86.01415	37.4238	11.22967	6.64E-01	0.09163	0.00056	0.0359	0.79247	8.79E-01	0.121188	0.000458	0.02229	1.02E+00	1.01792	0.122497	0.000339	0.024589	1.165345
167	486833.18	3856393.15	26.82958	95.45259	35.18272	10.96223	6.12E-01	0.10169	0.00053	0.03505	0.74954	8.10E-01	0.134487	0.000431	0.021759	9.66E-01	0.938095	0.135938	0.000318	0.024004	1.098355
168	486883.18	3856393.15	25.14547	94.79317	33.70621	10.3015	5.74E-01	0.10099	0.00051	0.03293	0.70827	7.59E-01	0.133558	0.000413	0.020447	9.13E-01	0.87921	0.134999	0.000305	0.022557	1.037071
169	487208.74	3856886.11	34.28702	134.7977	45.29044	28.97707	7.82E-01	0.14361	0.00068	0.09264	1.01939	1.03E+00	0.189921	0.000554	0.057516	1.28E+00	1.198844	0.191972	0.00041	0.06345	1.454675
170	487258.74	3856886.11	31.88291	125.4744	42.25649	28.61604	7.28E-01	0.13367	0.00064	0.09149	0.95339	9.62E-01	0.176786	0.000517	0.0568	1.20E+00	1.114784	0.178694	0.000382	0.06266	1.35652
171	487308.74	3856886.11	29.82075	119.774	39.55948	28.52796	6.81E-01	0.1276	0.0006	0.0912	0.89993	9.00E-01	0.168754	0.000484	0.056625	1.13E+00	1.042681	0.170576	0.000358	0.062467	1.276081
172	487358.74	3856886.11	28.03043	114.6538	37.14438	28.02348	6.40E-01	0.12215	0.00056	0.08959	0.85197	8.46E-01	0.16154	0.000455	0.055624	1.06E+00	0.980082	0.163284	0.000336	0.061362	1.205064
173	487208.74	3856936.11	37.83059	143.5568	49.39513	33.33623	8.63E-01	0.15294	0.00074	0.10658	1.12358	1.14E+00	0.202262	0.000605	0.066169	1.41E+00	1.322744	0.204446	0.000447	0.072995	1.600632
174	487258.74	3856936.11	34.5695	130.1504	45.59453	31.09779	7.89E-01	0.13865	0.00069	0.09942	1.02767	1.04E+00	0.183374	0.000558	0.061726	1.29E+00	1.208721	0.185353	0.000412	0.068094	1.46258
175	487308.74	3856936.11	31.98175	123.6506	42.44013	30.22851	7.30E-01	0.13173	0.00064	0.09664	0.95886	9.65E-01	0.174216	0.000519	0.06	1.20E+00	1.11824	0.176097	0.000384	0.06619	1.360911
176	487358.74	3856936.11	29.93018	117.9888	39.80605	30.00773	6.83E-01	0.1257	0.0006	0.09594	0.90526	9.03E-01	0.166239	0.000487	0.059562	1.13E+00	1.046507	0.168033	0.00036	0.065707	1.280607
177	487208.74	3856986.11	42.25789	152.8643	54.55028	38.06136	9.64E-01	0.16285	0.00082	0.12168	1.24972	1.28E+00	0.215376	0.000668	0.075548	1.57E+00	1.477545	0.217701	0.000493	0.083342	1.779081
178	487258.74	3856986.11	38.10599	135.1473	49.57742	35.89456	8.70E-01	0.14398	0.00075	0.11476	1.12909	1.15E+00	0.190414	0.000607	0.071247	1.41E+00	1.332374	0.19247	0.000449	0.078597	1.603889
179	487308.74	3856986.11	34.87677	127.4261	45.84548	33.28475	7.96E-01	0.13575	0.00069	0.10641	1.03877	1.05E+00	0.179535	0.000561	0.066067	1.30E+00	1.219464	0.181473	0.000415	0.072882	1.474235

180	487358.74	3856986.11	32.1284	120.886	42.59694	32.51853	7.33E-01	0.12879	0.00064	0.10396	0.96659	9.70E-01	0.170321	0.000521	0.064546	1.21E+00	1.123368	0.172159	0.000385	0.071205	1.367117
181	487208.74	3857036.11	47.0713	162.7652	61.69503	42.14982	1.07E+00	0.1734	0.00093	0.13475	1.38329	1.42E+00	0.229326	0.000755	0.083663	1.73E+00	1.645845	0.231801	0.000558	0.092294	1.970499
182	487258.74	3857036.11	42.39139	142.856	55.13833	40.44248	9.67E-01	0.15219	0.00083	0.1293	1.24972	1.28E+00	0.201275	0.000675	0.080274	1.56E+00	1.482213	0.203448	0.000499	0.088556	1.774715
183	487308.74	3857036.11	38.41027	130.7574	49.86558	38.22416	8.77E-01	0.1393	0.00075	0.1222	1.13881	1.16E+00	0.184229	0.00061	0.075871	1.42E+00	1.343013	0.186218	0.000451	0.083698	1.61338
184	487358.74	3857036.11	35.15019	126.6126	46.03705	35.6895	8.02E-01	0.13489	0.00069	0.1141	1.05184	1.06E+00	0.178389	0.000563	0.07084	1.31E+00	1.229024	0.180315	0.000416	0.078148	1.487904
185	487427.14	3856878.23	25.76261	107.0797	33.72775	27.0968	5.88E-01	0.11408	0.00051	0.08663	0.78914	7.78E-01	0.150868	0.000413	0.053784	9.83E-01	0.900788	0.152497	0.000305	0.059333	1.112923
186	487477.14	3856878.23	24.46637	101.7691	31.76598	26.27218	5.58E-01	0.10842	0.00048	0.08399	0.75123	7.38E-01	0.143386	0.000389	0.052148	9.34E-01	0.855465	0.144934	0.000287	0.057527	1.058214
187	487527.14	3856878.23	23.27724	95.31554	30.1435	25.19184	5.31E-01	0.10154	0.00045	0.08054	0.71374	7.03E-01	0.134294	0.000369	0.050003	8.87E-01	0.813887	0.135743	0.000273	0.055162	1.005065
188	487427.14	3856928.23	27.24219	109.8422	36.21244	29.29693	6.22E-01	0.11702	0.00055	0.09366	0.83292	8.22E-01	0.154761	0.000443	0.058151	1.04E+00	0.952522	0.156431	0.000328	0.06415	1.173431
189	487477.14	3856928.23	25.86436	103.8925	34.12873	28.47476	5.90E-01	0.11068	0.00051	0.09103	0.79248	7.81E-01	0.146378	0.000418	0.056519	9.84E-01	0.904346	0.147958	0.000309	0.06235	1.114963
190	487527.14	3856928.23	24.59014	99.49535	32.15345	27.66341	5.61E-01	0.106	0.00048	0.08844	0.75609	7.42E-01	0.140183	0.000394	0.054909	9.38E-01	0.859793	0.141696	0.000291	0.060574	1.062353
191	487577.14	3856928.23	23.43038	101.1243	30.44917	26.65856	5.35E-01	0.10773	0.00046	0.08523	0.72812	7.07E-01	0.142478	0.000373	0.052914	9.03E-01	0.819242	0.144016	0.000275	0.058373	1.021907
192	487627.14	3856928.23	22.34211	101.1995	28.95055	25.36094	5.10E-01	0.10781	0.00044	0.08108	0.69919	6.74E-01	0.142584	0.000354	0.050339	8.68E-01	0.781191	0.144123	0.000262	0.055532	0.981107
193	487677.14	3856928.23	21.29702	99.5421	27.47902	24.17216	4.86E-01	0.10605	0.00041	0.07728	0.66975	6.43E-01	0.140249	0.000336	0.047979	8.31E-01	0.744649	0.141763	0.000249	0.052929	0.939589
194	487727.14	3856928.23	20.2799	97.18578	26.04978	22.87613	4.63E-01	0.10354	0.00039	0.07314	0.63987	6.12E-01	0.136929	0.000319	0.045407	7.95E-01	0.709086	0.138407	0.000236	0.050091	0.897819
195	487777.14	3856928.23	19.37874	94.93671	24.6789	22.47308	4.42E-01	0.10114	0.00037	0.07185	0.6156	5.85E-01	0.13376	0.000302	0.044607	7.64E-01	0.677577	0.135204	0.000223	0.049209	0.862212
196	487427.14	3856978.23	29.08646	112.6467	38.71407	31.08731	6.64E-01	0.12001	0.00058	0.09939	0.88375	8.78E-01	0.158712	0.000474	0.061705	1.10E+00	1.017006	0.160425	0.00035	0.068071	1.245853
197	487477.14	3856978.23	27.41051	111.8179	36.47104	30.62792	6.26E-01	0.11912	0.00055	0.09792	0.84312	8.27E-01	0.157544	0.000446	0.060793	1.05E+00	0.958407	0.159245	0.00033	0.067065	1.185047
198	487527.14	3856978.23	25.99356	110.7981	34.41037	29.95989	5.93E-01	0.11804	0.00052	0.09578	0.80753	7.85E-01	0.156107	0.000421	0.059467	1.00E+00	0.908863	0.157793	0.000311	0.065602	1.13257
199	487577.14	3856978.23	24.74235	108.7067	32.49494	29.06166	5.65E-01	0.11581	0.00049	0.09291	0.77385	7.47E-01	0.153161	0.000398	0.057684	9.58E-01	0.865115	0.154814	0.000294	0.063635	1.083858
200	487627.14	3856978.23	23.59249	106.3969	30.70216	27.88661	5.38E-01	0.11335	0.00046	0.08915	0.74137	7.12E-01	0.149907	0.000376	0.055352	9.18E-01	0.82491	0.151525	0.000278	0.061062	1.037775
201	487677.14	3856978.23	22.49028	103.1156	29.21221	26.83831	5.13E-01	0.10985	0.00044	0.0858	0.70934	6.79E-01	0.145283	0.000358	0.053271	8.78E-01	0.786371	0.146852	0.000264	0.058767	0.992254
202	487727.14	3856978.23	21.48812	101.0436	27.85301	25.28515	4.90E-01	0.10765	0.00042	0.08084	0.67928	6.49E-01	0.142364	0.000341	0.050188	8.41E-01	0.751331	0.143901	0.000252	0.055366	0.95085
203	487777.14	3856978.23	20.45162	96.53977	26.40801	24.46489	4.67E-01	0.10285	0.0004	0.07821	0.64818	6.17E-01	0.136018	0.000323	0.04856	8.02E-01	0.71509	0.137487	0.000239	0.05357	0.906385
204	487427.14	3857028.23	31.14771	122.605	41.29416	33.66337	7.11E-01	0.13062	0.00062	0.10762	0.94968	9.40E-01	0.172743	0.000505	0.066818	1.18E+00	1.089078	0.174607	0.000374	0.073712	1.33777
205	487477.14	3857028.23	29.23232	119.4824	38.85481	32.639	6.67E-01	0.12729	0.00059	0.10435	0.89933	8.82E-01	0.168343	0.000476	0.064785	1.12E+00	1.022106	0.17016	0.000352	0.071469	1.264087
206	487527.14	3857028.23	27.55049	116.0175	36.67237	31.95431	6.29E-01	0.1236	0.00055	0.10216	0.85503	8.31E-01	0.163461	0.000449	0.063426	1.06E+00	0.963301	0.165226	0.000332	0.069969	1.198828
207	487577.14	3857028.23	26.0775	112.1278	34.65322	31.21906	5.95E-01	0.11945	0.00052	0.09981	0.81489	7.87E-01	0.157981	0.000424	0.061967	1.01E+00	0.911798	0.159686	0.000313	0.068359	1.140158
208	487627.14	3857028.23	24.85396	109.0624	32.813	30.10649	5.67E-01	0.11619	0.00049	0.09625	0.78012	7.50E-01	0.153662	0.000402	0.059758	9.64E-01	0.869017	0.155321	0.000297	0.065923	1.090558
209	487677.14	3857028.23	23.69474	105.2982	31.04224	29.15232	5.41E-01	0.11218	0.00047	0.0932	0.74658	7.15E-01	0.148358	0.00038	0.057864	9.22E-01	0.828485	0.14996	0.000281	0.063834	1.04256
210	487727.14	3857028.23	22.58852	101.2797	29.41172	28.19584	5.15E-01	0.1079	0.00044	0.09014	0.71397	6.82E-01	0.142697	0.00036	0.055966	8.81E-01	0.789806	0.144237	0.000266	0.061739	0.996049
211	487777.14	3857028.23	21.56346	97.86369	28.03129	27.09122	4.92E-01	0.10426	0.00042	0.08661	0.68339	6.51E-01	0.137884	0.000343	0.053773	8.43E-01	0.753965	0.139372	0.000254	0.059321	0.952912
212	487427.14	3857078.23	33.83792	127.4216	44.48099	36.93538	7.72E-01	0.13575	0.00067	0.11808	1.02671	1.02E+00	0.179529	0.000544	0.073313	1.27E+00	1.183141	0.181467	0.000402	0.080876	1.445887
213	487477.14	3857078.23	31.34924	122.9532	41.50367	35.56397	7.15E-01	0.13099	0.00063	0.1137	0.96073	9.46E-01	0.173233	0.000508	0.070591	1.19E+00	1.096124	0.175103	0.000375	0.077873	1.349476
214	487527.14	3857078.23	29.34627	118.2681	39.01262	34.02909	6.70E-01	0.126	0.00059	0.10879	0.90508	8.86E-01	0.166632	0.000477	0.067544	1.12E+00	1.026091	0.168431	0.000353	0.074512	1.269387
215	487577.14	3857078.23	27.67744	114.0468	36.8462	33.16226	6.32E-01	0.1215	0.00056	0.10602	0.8597	8.35E-01	0.160685	0.000451	0.065824	1.06E+00	0.96774	0.162419	0.000333	0.072614	1.203107
216	487627.14	3857078.23	26.18166	110.3842	34.88915	32.23143	5.97E-01	0.1176	0.00053	0.10304	0.81865	7.90E-01	0.155524	0.000427	0.063976	1.01E+00	0.91544	0.157203	0.000316	0.070576	1.143535
217	487677.14	3857078.23	24.90998	106.4884	33.04117	31.35198	5.68E-01	0.11345	0.0005	0.10023	0.78264	7.52E-01	0.150035	0.000404	0.06223	9.64E-01	0.870976	0.151655	0.000299	0.06865	1.09158
218	487727.14	3857078.23	23.74087	102.5413	31.29317	30.42931	5.42E-01	0.10924	0.00047	0.09728	0.74878	7.17E-01	0.144474	0.000383	0.060399	9.22E-01	0.830098	0.146034	0.000283	0.06663	1.043045
219	487777.14	3857078.23	22.68186	99.03224	29.664	29.28858	5.18E-01	0.1055	0.00045	0.09364	0.71721	6.85E-01	0.13953	0.000363	0.058135	8.83E-01	0.79307	0.141036	0.000268	0.064132	0.998507
220	487427.14	3857128.23	36.43887	129.5577	48.41999	40.85202	8.32E-01	0.13802	0.00073	0.1306	1.10092	1.10E+00	0.182539	0.000593	0.081087	1.36E+00	1.274083	0.184509	0.000438	0.089452	1.548482
221	487477.14	3857128.23	33.88969	124.9246	44.74583	38.68009	7.73E-01	0.13309	0.00067	0.12366	1.03081	1.02E+00	0.176011	0.000548	0.076776	1.28E+00	1.184951	0.177911	0.000405	0.084696	1.447963
222	487527.14	3857128.23	31.535	120.5063	41.77883	37.22272	7.20E-01	0.12838	0.00063	0.119	0.96767	9.52E-01	0.169786	0.000511	0.073883	1.20E+00	1.102619	0.171619	0.000378	0.081505	1.356121
223	487577.14	3857128.23	29.38613	115.8783	39.17463	35.69295	6.71E-01	0.12345	0.00059	0.11411	0.90877	8.87E-01	0.163265	0.000479	0.070847	1.12E+00	1.027484	0.165028	0.000354	0.078156	1.271022
224	487627.14	3857128.23	27.74644	111.5347	37.00188	34.21647	6.33E-01	0.11882	0.00056	0.10939	0.86197	8.37E-01	0.157145	0.000453	0.067916	1.06E+00	0.970153	0.158842	0.000335	0.074923	1.204252
225	487677.14	3857128.23	26.28135	107.9676	35.07133	33.23168	6.00E-01	0.11502	0.00053	0.10624	0.82156	7.93E-01	0.152119	0.000429	0.065961	1.01E+00	0.918926	0.153762	0.000317	0.072766	1.145771
226	487727.14	3857128.23	24.91924	103.0331	33.20266	32.52088	5.69E-01	0.10977	0.0005	0.10397	0.78291	7.52E-01	0.145167	0.000406	0.064551	9.62E-01	0.8713	0.146734	0.0003	0.07121	1.089544
227	487777.14	3857128.23	23.79839	99.15431	31.52861	31.40965	5.43E-01	0.10563	0.00048	0.10042	0.74962	7.18E-01	0.139702	0.000386	0.062345	9.21E-01	0.832109	0.14121	0.000285	0.068777	1.042381
228	488049.44	3856539.39	12.9123	55.96198	17.45846	13.552	2.95E-01	0.05962	0.00026	0.04333	0.39788	3.90E-01	0.078847	0.000214	0.026899	4.96E-01	0.451478	0.079698	0.000158	0.029674	0.561008
229	488099.44	3856539.39	12.69107	53.96556	17.13736	13.42233	2.90E-01	0.05749	0.00026	0.04291	0.39028	3.83E-01	0.076034	0.00021	0.026642	4.86E-01	0.443743	0.076855	0.000155	0.02939	0.550143
230	488149.44	3856539.39	12.45621	55.12982	16.80025	13.41065	2.84E-01	0.05873	0.00025	0.04287	0.38612	3.76E-01	0.077674	0.000206	0.026619	4.80E-01	0.435531	0.078513	0.000152	0.029365	0.54356
231	488049.44	3856589.39	13.10588	57.8326	17.53429	14.03296	2.99E-01	0.06161	0.00026	0.04486	0.40583	3.96E-01	0.081482	0.000215	0.027854	5.05E-01	0.458246	0.082362	0.000159	0.030727	0.571495
232	488099.44	3856589.39	12.85944	58.56576	17.21536	13.92762	2.93E-01	0.06239	0.00026	0.04453	0.40064	3.88E-01	0.082515	0.000211	0.027645	4.98E-01	0.44963	0.083406	0.000156	0.030497	0.563688
233	488149.44	3856589.39	12.62724	58.61821	16.87835	13.85608	2.88E-01	0.06245	0.00025	0.0443	0.39516	3.81E-01	0.082589	0.000207	0.027503	4.91E-01	0.441511	0.083481	0.000153	0.03034	0.555485
234	488199.44	3856589.39	12.40747	60.88509	16.64654	13.70429	2.83E-01	0.06486	0.00025	0.04381	0.39208	3.74E-01	0.085783	0.000204	0.027202	4.88E-01	0.433826	0.086709	0.000151	0.030008	0.550694
235	488249.44	3856589.39	12.12608	62.432	16.17611	13.88457	2.77E-01	0.06651	0.00024	0.04439	0.38787	3.66E-01	0.087963	0.000198	0.027559	4.82E-01	0.423988	0.088912	0.000146	0.030403	0.543449
236	488049.44	3856639.39	13.22152	61.96428	17.74522	14.47217	3.02E-01	0.06601	0.00027	0.04627	0.41427	3.99E-01	0.087304	0.000217	0.028726	5.15E-01	0.46229	0.088246	0.000161	0.031689	0.582386
237	488099.44	3856639.39	12.96155	64.1828	17.40086	14.36456	2.96E-01	0.06838	0.00026	0.04592	0.41036	3.91E-01	0.090429	0.000213	0.028512	5.10E-01	0.4532	0.091406	0.000157	0.031454	0.576217
238	488149.44	3856639.39	12.72274	65.91082	17.06257	14.26499	2.90E-01	0.07022	0.00026	0.04561	0.40642	3.84E-01	0.092864	0.000209	0.028315	5.05E-01	0.44485	0.093867	0.000154	0.031236	0.570106
239	488199.44	3856639.39	12.47787	66.75978	16.69906	14.27974	2.85E-01	0.07112	0.00025	0.04565	0.40178	3.77E-01	0.09406	0.000204	0.028344	4.99E-01	0.436288	0.095076	0.000151	0.031268	0.562783
240	488249.44	3856639.39	12.24921	67.00488	16.37959	14.23651	2.80E-01	0.07138	0.00025	0.04551	0.39668	3.70E-01	0.094406	0.0002	0.028258	4.93E-01	0.428293	0.095425	0.000148	0.031173	0.555039

241	488299.44	3856639.39	12.03612	66.69884	16.05918	14.20007		2.75E-01	0.07106	0.00024	0.0454	0.39137		3.63E-01	0.093974	0.000197	0.028186	4.86E-01		0.420842	0.094989	0.000145	0.031093	0.54707
242	488349.44	3856639.39	11.83586	65.96449	15.77674	14.08182		2.70E-01	0.07027	0.00024	0.04502	0.38564		3.57E-01	0.09294	0.000193	0.027951	4.78E-01		0.41384	0.093943	0.000143	0.030834	0.53876
243	488399.44	3856639.39	11.58654	64.53287	15.43782	14.14632		2.64E-01	0.06875	0.00023	0.04523	0.37862		3.50E-01	0.090923	0.000189	0.028079	4.69E-01		0.405123	0.091904	0.00014	0.030976	0.528142
244	488099.44	3856689.39	13.24687	70.5281	17.70853	15.01478		3.02E-01	0.07514	0.00027	0.048	0.42571		4.00E-01	0.09937	0.000217	0.029803	5.29E-01		0.463176	0.100442	0.00016	0.032877	0.596656
245	488149.44	3856689.39	12.9471	70.82425	17.33761	14.74616		2.95E-01	0.07545	0.00026	0.04714	0.41832		3.91E-01	0.099787	0.000212	0.02927	5.20E-01		0.452695	0.100864	0.000157	0.032289	0.586005
246	488199.44	3856689.39	12.66883	70.44454	16.98273	14.73183		2.89E-01	0.07505	0.00026	0.0471	0.41151		3.82E-01	0.099252	0.000208	0.029241	5.11E-01		0.442965	0.100323	0.000154	0.032258	0.5757
247	488249.44	3856689.39	12.38813	69.73858	16.63988	14.58466		2.83E-01	0.0743	0.00025	0.04663	0.40388		3.74E-01	0.098257	0.000204	0.028949	5.01E-01		0.43315	0.099318	0.000151	0.031936	0.564554
248	488299.44	3856689.39	12.1328	68.32455	16.3061	14.64206		2.77E-01	0.07279	0.00025	0.04681	0.39673		3.66E-01	0.096265	0.0002	0.029063	4.92E-01		0.424223	0.097304	0.000148	0.032061	0.553736
249	488349.44	3856689.39	11.92721	66.59932	15.99147	14.51981		2.72E-01	0.07095	0.00024	0.04642	0.3898		3.60E-01	0.093834	0.000196	0.02882	4.83E-01		0.417034	0.094847	0.000145	0.031794	0.54382
250	488399.44	3856689.39	11.75002	64.41409	15.69559	14.26556		2.68E-01	0.06862	0.00024	0.04561	0.38261		3.55E-01	0.090755	0.000192	0.028316	4.74E-01		0.410839	0.091735	0.000142	0.031237	0.533953
251	488099.44	3856739.39	13.59422	74.35291	18.18983	16.07511		3.10E-01	0.07921	0.00027	0.05139	0.44111		4.10E-01	0.104759	0.000223	0.031907	5.47E-01		0.475321	0.105889	0.000165	0.035199	0.616574
252	488149.44	3856739.39	13.28422	73.7062	17.71142	15.60537		3.03E-01	0.07852	0.00027	0.04989	0.43184		4.01E-01	0.103847	0.000217	0.030975	5.36E-01		0.464482	0.104968	0.00016	0.034171	0.603781
253	488199.44	3856739.39	13	72.25125	17.33111	15.51044		2.97E-01	0.07697	0.00026	0.04959	0.42349		3.92E-01	0.101797	0.000212	0.030787	5.25E-01		0.454544	0.102896	0.000157	0.033963	0.59156
254	488249.44	3856739.39	12.717	70.65636	16.98424	15.16732		2.90E-01	0.07527	0.00026	0.04849	0.41423		3.84E-01	0.09955	0.000208	0.030106	5.14E-01		0.444649	0.100625	0.000154	0.033211	0.578639
255	488299.44	3856739.39	12.43411	68.66812	16.66161	14.79117		2.84E-01	0.07316	0.00025	0.04729	0.40445		3.75E-01	0.096749	0.000204	0.029359	5.02E-01		0.434758	0.097793	0.000151	0.032388	0.56509
256	488349.44	3856739.39	12.17922	65.40129	16.31701	14.93202		2.78E-01	0.06967	0.00025	0.04774	0.3956		3.68E-01	0.092146	0.0002	0.029639	4.90E-01		0.425846	0.093141	0.000148	0.032696	0.55183
257	488399.44	3856739.39	11.91066	61.43396	15.98352	15.01682		2.72E-01	0.06545	0.00024	0.04801	0.38551		3.59E-01	0.086557	0.000196	0.029807	4.76E-01		0.416456	0.087491	0.000145	0.032882	0.536973
258	487999.44	3856789.39	14.61689	79.34858	19.84072	17.32044		3.34E-01	0.08453	0.0003	0.05537	0.47378		4.41E-01	0.111797	0.000243	0.034379	5.88E-01		0.511079	0.113004	0.000179	0.037926	0.662188
259	488049.44	3856789.39	14.27374	78.25438	19.31129	17.11811		3.26E-01	0.08337	0.00029	0.05473	0.46412		4.31E-01	0.110255	0.000236	0.033978	5.75E-01		0.499081	0.111446	0.000175	0.037483	0.648184
260	488099.44	3856789.39	13.93678	76.58914	18.7877	17.00768		3.18E-01	0.08159	0.00028	0.05437	0.4543		4.21E-01	0.107909	0.00023	0.033758	5.63E-01		0.487299	0.109074	0.00017	0.037241	0.633784
261	488149.44	3856789.39	13.62285	74.9881	18.30124	16.63876		3.11E-01	0.07989	0.00028	0.05319	0.44424		4.11E-01	0.105653	0.000224	0.033026	5.50E-01		0.476322	0.106794	0.000166	0.036433	0.619715
262	488199.44	3856789.39	13.31885	72.7085	17.81671	16.33863		3.04E-01	0.07746	0.00027	0.05224	0.43391		4.02E-01	0.102442	0.000218	0.03243	5.37E-01		0.465693	0.103548	0.000161	0.035776	0.605178
263	488249.44	3856789.39	13.02901	69.95596	17.3537	16.00896		2.97E-01	0.07453	0.00026	0.05118	0.4233		3.93E-01	0.098564	0.000212	0.031776	5.24E-01		0.455559	0.099628	0.000157	0.035054	0.590397
264	488299.44	3856789.39	12.75202	66.5692	16.98535	15.62976		2.91E-01	0.07092	0.00026	0.04997	0.41216		3.85E-01	0.093792	0.000208	0.031023	5.10E-01		0.445874	0.094804	0.000154	0.034224	0.575056
265	488349.44	3856789.39	12.47184	61.73722	16.62411	15.59913		2.85E-01	0.06577	0.00025	0.04987	0.40051		3.76E-01	0.086984	0.000203	0.030963	4.95E-01		0.436077	0.087923	0.00015	0.034157	0.558307
266	488399.44	3856789.39	12.19836	57.27315	16.28882	15.41011		2.78E-01	0.06102	0.00025	0.04927	0.3889		3.68E-01	0.080694	0.000199	0.030587	4.80E-01		0.426515	0.081565	0.000147	0.033743	0.541971
267	487949.44	3856839.39	15.3893	83.50708	21.01246	18.08925		3.51E-01	0.08896	0.00032	0.05783	0.49831		4.64E-01	0.117656	0.000257	0.035905	6.18E-01		0.538086	0.118926	0.00019	0.039609	0.696812
268	487999.44	3856839.39	14.99807	81.81711	20.42479	17.98851		3.42E-01	0.08716	0.00031	0.05751	0.48725		4.53E-01	0.115275	0.00025	0.035705	6.04E-01		0.524407	0.11652	0.000185	0.039389	0.6805
269	488049.44	3856839.39	14.63095	79.95464	19.88171	17.82625		3.34E-01	0.08518	0.0003	0.05699	0.47636		4.42E-01	0.112651	0.000243	0.035383	5.90E-01		0.51157	0.113867	0.00018	0.039034	0.664651
270	488099.44	3856839.39	14.2837	77.60956	19.35509	17.70466		3.26E-01	0.08268	0.00029	0.0566	0.46554		4.31E-01	0.109347	0.000237	0.035142	5.76E-01		0.499429	0.110527	0.000175	0.038767	0.648899
271	488149.44	3856839.39	13.94577	74.74669	18.85305	17.53025		3.18E-01	0.07963	0.00028	0.05604	0.45421		4.21E-01	0.105313	0.000231	0.034796	5.61E-01		0.487613	0.10645	0.000171	0.038385	0.632619
272	488199.44	3856839.39	13.62228	71.17577	18.36714	17.2933		3.11E-01	0.07583	0.00028	0.05529	0.44226		4.11E-01	0.100282	0.000225	0.034325	5.46E-01		0.476302	0.101365	0.000166	0.037867	0.6157
273	487949.44	3856889.39	16.01301	85.62878	21.65262	19.37223		3.65E-01	0.09122	0.00033	0.06193	0.51891		4.83E-01	0.120646	0.000265	0.038452	6.43E-01		0.559894	0.121948	0.000196	0.042419	0.724456
274	487999.44	3856889.39	15.36803	82.89461	21.03185	18.7181		3.51E-01	0.08831	0.00032	0.05984	0.49918		4.64E-01	0.116793	0.000257	0.037153	6.18E-01		0.537342	0.118054	0.00019	0.040986	0.696573
275	488049.44	3856889.39	14.99407	80.5312	20.4758	18.39338		3.42E-01	0.08579	0.00031	0.0588	0.48708		4.53E-01	0.113463	0.000251	0.036509	6.03E-01		0.524267	0.114688	0.000185	0.040275	0.679416
276	488099.44	3856889.39	14.61781	76.83684	19.90702	18.38729		3.34E-01	0.08186	0.0003	0.05878	0.47453		4.41E-01	0.108258	0.000244	0.036497	5.86E-01		0.511111	0.109427	0.00018	0.040262	0.66098
277	488635.86	3857895.05	19.0396	50.34251	29.81678	39.11053		4.34E-01	0.05363	0.00045	0.12504	0.61362		5.75E-01	0.070929	0.000365	0.07763	7.24E-01		0.665719	0.071695	0.00027	0.085639	0.823322
278	489137.64	3857804.15	14.56095	41.53996	19.76877	24.25286		3.32E-01	0.04425	0.0003	0.07754	0.45438		4.39E-01	0.058527	0.000242	0.048139	5.46E-01		0.509123	0.059159	0.000179	0.053106	0.621566
279	488617.32	3857859.41	19.27425	53.01527	29.34273	38.09173		4.40E-01	0.05648	0.00044	0.12178	0.61856		5.82E-01	0.074695	0.000359	0.075608	7.32E-01		0.673923	0.075502	0.000265	0.083408	0.833098
280	488667.32	3857859.41	19.00337	52.05226	28.05368	36.33812		4.34E-01	0.05545	0.00042	0.11617	0.60572		5.74E-01	0.073338	0.000343	0.072127	7.19E-01		0.664452	0.07413	0.000254	0.079568	0.818404
281	488717.32	3857859.41	18.64436	50.61559	26.75766	34.96756		4.25E-01	0.05392	0.0004	0.11179	0.5916		5.63E-01	0.071314	0.000327	0.069407	7.04E-01		0.651899	0.072084	0.000242	0.076567	0.800792
282	488767.32	3857859.41	18.14685	48.54682	25.5162	33.66512		4.14E-01	0.05172	0.00038	0.10763	0.57386		5.48E-01	0.068399	0.000312	0.066822	6.83E-01		0.634504	0.069138	0.000231	0.073715	0.777588
283	488617.32	3857909.41	18.99629	49.58673	30.60578	40.59033		4.34E-01	0.05283	0.00046	0.12977	0.61657		5.73E-01	0.069865	0.000375	0.080568	7.24E-01		0.664204	0.070619	0.000277	0.088879	0.823979
284	488667.32	3857909.41	18.8032	48.92102	29.29966	38.49829		4.29E-01	0.05212	0.00044	0.12308	0.60474		5.67E-01	0.068927	0.000359	0.076415	7.13E-01		0.657453	0.069671	0.000265	0.084298	0.811687
285	488717.32	3857909.41	18.67111	48.85794	28.21811	36.5864		4.26E-01	0.05205	0.00043	0.11697	0.59553		5.64E-01	0.068838	0.000345	0.07262	7.05E-01		0.652834	0.069581	0.000255	0.080112	0.802782
286	488767.32	3857909.41	18.34184	48.23738	26.91681	35.2105		4.19E-01	0.05139	0.00041	0.11257	0.58294		5.54E-01	0.067963	0.000329	0.069889	6.92E-01		0.641321	0.068697	0.000244	0.077099	0.787361
287	488417.32	3857959.41	20.36438	62.4276	34.02674	53.43547		4.65E-01	0.06651	0.00051	0.17083	0.70259		6.15E-01	0.087957	0.000416	0.106064	8.09E-01		0.712039	0.088906	0.000308	0.117006	0.918259
288	488467.32	3857959.41	19.58511	59.42104	33.3847	50.50585		4.47E-01	0.0633	0.0005	0.16147	0.67222		5.91E-01	0.08372	0.000409	0.100249	7.75E-01		0.684792	0.084624	0.000302	0.110591	0.880309
289	488517.32	3857959.41	18.95741	55.62038	32.91926	47.84723		4.33E-01	0.05925	0.0005	0.15297	0.64534		5.72E-01	0.078366	0.000403	0.094972	7.46E-01		0.662845	0.079212	0.000298	0.104769	0.847124
290	488567.32	3857959.41	18.7781	53.41868	32.1869	45.39159		4.29E-01	0.05691	0.00049	0.14512	0.63104		5.67E-01	0.075264	0.000394	0.090098	7.32E-01		0.656575	0.076076	0.000291	0.099392	0.832335
291	488617.32	3857959.41	18.62265	51.54798	31.35176	43.10618		4.25E-01	0.05492	0.00047	0.13781	0.61818		5.62E-01	0.072628	0.000384	0.085561	7.21E-01		0.65114	0.073412	0.000284	0.094388	0.819224
292	488667.32	3857959.41	18.50346	49.11597	30.40242	40.95978		4.22E-01	0.05233	0.00046	0.13095	0.606		5.58E-01	0.069201	0.000372	0.081301	7.09E-01		0.646972	0.069948	0.000275	0.089688	0.806884
293	488717.32	3857959.41	18.40814	46.1472	29.3136	38.92534		4.20E-01	0.04916	0.00044	0.12445	0.59414		5.56E-01	0.065018	0.000359	0.077263	6.98E-01		0.64364	0.06572	0.000265	0.085233	0.794859
294	488767.32	3857959.41	18.2665	45.2266	28.21335	36.9812		4.17E-01	0.04818	0.00043	0.11823	0.58369		5.51E-01	0.063721	0.000345	0.073404	6.89E-01		0.638687	0.064409	0.000255	0.080976	0.784328
295	488417.32	3858009.41	20.86058	61.73747	35.90383	57.68563		4.76E-01	0.06577	0.00054	0.18442	0.72679		6.30E-01	0.086984	0.000439	0.1145	8.32E-01		0.729389	0.087923	0.000325	0.126312	0.943949
296	488467.32	3858009.41	20.1191	59.4346	33.77986	53.97116		4.59E-01	0.06332	0.00051	0.17255	0.69551		6.07E-01	0.08374	0.000413	0.107127	7.98E-01		0.703463	0.084644	0.000306	0.118179	0.906591
297	488517.32	3858009.41	19.37522	57.49592	31.65344	50.95028		4.42E-01	0.06125	0.00048	0.16289	0.66678		5.85E-01	0.081008	0.000387	0.101131	7.67E-01		0.677453	0.081883	0.000286	0.111564	0.871187
298	488567.32	3858009.41	18.60458	54.80599	31.64823	47.89885		4.25E-01	0.05839	0.00048	0.15313	0.63657		5.62E-01	0.077218	0.000387	0.095074	7.34E-01		0.650508	0.078052	0.000286	0.104882	0.833729
299	488617.32	3858009.41	18.39695	51.69774	31.39106	45.31557		4.20E-01	0.05508	0.00047	0.14488	0.62026		5.55E-01	0.072839	0.000384	0.089947	7.18E-01		0.643248	0.073625	0.000284	0.099226	0.816383
300	488667.32	3858009.41	18.24157	49.73978	30.8534	43.45066		4.16E-01	0.05299	0.00046	0.13891	0.60866		5.51E-01	0.07008	0.000378	0.086245	7.07E-01		0.637815	0.070837	0.000279	0.095142	0.804074
301	488717.32	3858009.41	18.0727	48.23478	30.08226	40.75171		4.12E-01	0.05139	0.00045	0.13028	0.59456		5.45E-01	0.06796	0.000368	0.080888	6.95E-01		0.631911	0.068693	0.000272	0.089233	0.790109

302	488767.32	3858009.41	17.99745	46.19774	29.18368	38.68607	4.11E-01	0.04922	0.00044	0.12368	0.58405	5.43E-01	0.06509	0.000357	0.076788	6.85E-01	0.62928	0.065792	0.000264	0.08471	0.780046
303	488417.32	3858059.41	21.35875	61.83981	36.82392	62.79558	4.87E-01	0.06588	0.00055	0.20076	0.75462	6.45E-01	0.087128	0.000451	0.124643	8.57E-01	0.746807	0.088069	0.000333	0.137501	0.972711
304	488467.32	3858059.41	20.61011	59.76292	34.82528	58.40581	4.70E-01	0.06367	0.00052	0.18672	0.72126	6.22E-01	0.084202	0.000426	0.115929	8.23E-01	0.720631	0.085111	0.000315	0.127889	0.933947
305	488517.32	3858059.41	19.91251	56.66815	33.25502	54.41894	4.54E-01	0.06037	0.0005	0.17398	0.68927	6.01E-01	0.079842	0.000407	0.108016	7.89E-01	0.69624	0.080704	0.000301	0.119159	0.896404
306	488567.32	3858059.41	19.21314	54.89198	31.27417	51.15767	4.38E-01	0.05848	0.00047	0.16355	0.66096	5.80E-01	0.077339	0.000383	0.101543	7.59E-01	0.671786	0.078174	0.000283	0.112018	0.862262
307	488617.32	3858059.41	18.4862	53.20892	30.12872	48.31573	4.22E-01	0.05669	0.00045	0.15447	0.63348	5.58E-01	0.074968	0.000369	0.095902	7.29E-01	0.646369	0.075777	0.000273	0.105795	0.828214
308	488667.32	3858059.41	18.04973	51.09664	30.29587	45.73318	4.12E-01	0.05444	0.00046	0.14621	0.61301	5.45E-01	0.071992	0.000371	0.090776	7.08E-01	0.631108	0.072769	0.000274	0.10014	0.804291
309	488417.32	3858109.41	22.2805	58.15557	36.87778	68.93397	5.08E-01	0.06196	0.00056	0.22038	0.79135	6.72E-01	0.081938	0.000451	0.136827	8.92E-01	0.779036	0.082822	0.000334	0.150942	1.013134
310	488467.32	3858109.41	21.16259	58.38136	35.59331	63.72107	4.83E-01	0.0622	0.00054	0.20372	0.7494	6.39E-01	0.082256	0.000436	0.12648	8.48E-01	0.739949	0.083144	0.000322	0.139528	0.962942
311	488517.32	3858109.41	20.43407	57.33298	34.09885	59.01574	4.66E-01	0.06108	0.00051	0.18867	0.71659	6.17E-01	0.080779	0.000417	0.11714	8.15E-01	0.714476	0.081651	0.000308	0.129225	0.92566
312	488567.32	3858109.41	19.74023	55.30526	32.53754	54.99293	4.50E-01	0.05892	0.00049	0.17581	0.68571	5.96E-01	0.077922	0.000398	0.109155	7.83E-01	0.690216	0.078763	0.000294	0.120416	0.889689
313	488617.32	3858109.41	19.04207	52.62088	30.95325	51.62517	4.35E-01	0.05606	0.00047	0.16505	0.65613	5.75E-01	0.074139	0.000379	0.102471	7.52E-01	0.665805	0.07494	0.00028	0.113042	0.854067
314	488667.32	3858109.41	18.37038	51.20028	29.16634	48.67836	4.19E-01	0.05455	0.00044	0.15563	0.62984	5.54E-01	0.072138	0.000357	0.096621	7.24E-01	0.642319	0.072917	0.000264	0.106589	0.822089
315	488769.93	3858449.27	20.84053	44.96738	29.46237	60.07594	4.76E-01	0.04791	0.00044	0.19206	0.71601	6.29E-01	0.063356	0.000361	0.119244	8.12E-01	0.728688	0.06404	0.000267	0.131546	0.924541
316	488819.93	3858449.27	19.8914	42.94802	29.11463	55.32444	4.54E-01	0.04575	0.00044	0.17687	0.677	6.00E-01	0.060511	0.000356	0.109813	7.71E-01	0.695502	0.061164	0.000263	0.121142	0.878071
317	488819.93	3858499.27	20.64984	43.76829	28.46786	58.93801	4.71E-01	0.04663	0.00043	0.18843	0.70673	6.23E-01	0.061667	0.000348	0.116986	8.02E-01	0.72202	0.062332	0.000258	0.129055	0.913665
318	488869.93	3858499.27	19.67798	42.20908	28.35272	54.93214	4.49E-01	0.04497	0.00043	0.17562	0.67008	5.94E-01	0.05947	0.000347	0.109035	7.63E-01	0.688039	0.060112	0.000256	0.120283	0.868691
319	488869.93	3858549.27	20.45168	42.53525	27.50503	57.57174	4.67E-01	0.04531	0.00041	0.18406	0.69651	6.17E-01	0.059929	0.000337	0.114274	7.92E-01	0.715092	0.060576	0.000249	0.126063	0.90198
320	489438.17	3859571.48	20.911	27.77107	18.32415	37.18985	4.77E-01	0.02959	0.00028	0.1189	0.62596	6.31E-01	0.039128	0.000224	0.073818	7.44E-01	0.731152	0.03955	0.000166	0.081433	0.852301
321	489488.17	3859571.48	20.87404	27.98651	18.38759	38.09143	4.76E-01	0.02982	0.00028	0.12178	0.62823	6.30E-01	0.039431	0.000225	0.075608	7.45E-01	0.72986	0.039857	0.000166	0.083408	0.85329
322	489538.17	3859571.48	20.42803	27.81672	18.17956	38.25887	4.66E-01	0.02963	0.00027	0.12231	0.61841	6.17E-01	0.039192	0.000223	0.07594	7.32E-01	0.714265	0.039615	0.000164	0.083774	0.837819
323	489588.17	3859571.48	19.89888	27.22274	17.96187	37.68965	4.54E-01	0.029	0.00027	0.12049	0.60388	6.01E-01	0.038355	0.00022	0.07481	7.14E-01	0.695763	0.038769	0.000162	0.082528	0.817223
324	489438.17	3859621.48	19.80596	26.49975	17.63157	35.5927	4.52E-01	0.02823	0.00027	0.11379	0.59428	5.98E-01	0.037336	0.000216	0.070648	7.06E-01	0.692514	0.03774	0.00016	0.077936	0.808349
325	489488.17	3859621.48	20.24677	27.06429	17.93267	36.20064	4.62E-01	0.02883	0.00027	0.11573	0.60688	6.11E-01	0.038132	0.000219	0.071854	7.21E-01	0.707927	0.038544	0.000162	0.079267	0.8259
326	489538.17	3859621.48	20.2114	27.28218	18.00961	37.09201	4.61E-01	0.02906	0.00027	0.11858	0.60916	6.10E-01	0.038439	0.00022	0.073624	7.22E-01	0.70669	0.038854	0.000163	0.081219	0.826926
327	489588.17	3859621.48	19.79856	27.19172	17.85333	37.29093	4.52E-01	0.02897	0.00027	0.11922	0.60028	5.98E-01	0.038311	0.000219	0.074019	7.10E-01	0.692256	0.038725	0.000162	0.081655	0.812797
328	489238.17	3859671.48	17.3035	24.72928	16.50234	34.15934	3.95E-01	0.02635	0.00025	0.10921	0.53068	5.22E-01	0.034842	0.000202	0.067803	6.25E-01	0.605016	0.035218	0.000149	0.074798	0.715181
329	489288.17	3859671.48	17.30436	25.02177	16.77786	34.75115	3.95E-01	0.02666	0.00025	0.1111	0.53291	5.22E-01	0.035254	0.000205	0.068977	6.27E-01	0.605046	0.035635	0.000152	0.076093	0.716926
330	489338.17	3859671.48	17.75072	25.38207	16.91331	35.38623	4.05E-01	0.02704	0.00025	0.11313	0.54551	5.36E-01	0.035762	0.000207	0.070238	6.42E-01	0.620653	0.036148	0.000153	0.077484	0.734438
331	489388.17	3859671.48	18.36908	25.35116	17.12104	35.68807	4.19E-01	0.02701	0.00026	0.1141	0.56056	5.54E-01	0.035718	0.00021	0.070837	6.61E-01	0.642274	0.036104	0.000155	0.078145	0.756677
332	489438.17	3859671.48	18.90179	25.04972	17.32188	35.20661	4.31E-01	0.02669	0.00026	0.11256	0.57086	5.70E-01	0.035293	0.000212	0.069881	6.76E-01	0.6609	0.035674	0.000157	0.077091	0.773822
333	489488.17	3859671.48	19.27887	25.92972	17.33766	34.74229	4.40E-01	0.02762	0.00026	0.11107	0.57892	5.82E-01	0.036533	0.000212	0.06896	6.88E-01	0.674085	0.036928	0.000157	0.076074	0.787243
334	489538.17	3859671.48	19.70491	26.51526	17.63424	35.26915	4.50E-01	0.02825	0.00027	0.11276	0.59095	5.95E-01	0.037358	0.000216	0.070006	7.02E-01	0.688981	0.037762	0.00016	0.077228	0.80413
335	489588.17	3859671.48	19.69029	26.76889	17.7446	36.14746	4.49E-01	0.02852	0.00027	0.11556	0.5937	5.94E-01	0.037716	0.000217	0.071749	7.04E-01	0.68847	0.038123	0.000161	0.079151	0.805904
336	489238.17	3859721.48	16.78807	23.74142	16.49063	32.42414	3.83E-01	0.02529	0.00025	0.10366	0.51232	5.07E-01	0.03345	0.000202	0.064359	6.05E-01	0.586994	0.033811	0.000149	0.070998	0.691952
337	489288.17	3859721.48	16.99083	24.30969	16.24416	33.53056	3.88E-01	0.0259	0.00024	0.1072	0.52109	5.13E-01	0.034251	0.000199	0.066555	6.14E-01	0.594083	0.034621	0.000147	0.073421	0.702272
338	489338.17	3859721.48	16.98596	24.63198	16.54104	34.02758	3.88E-01	0.02624	0.00025	0.10879	0.52291	5.13E-01	0.034705	0.000202	0.067541	6.15E-01	0.593913	0.03508	0.00015	0.074509	0.703651
339	489388.17	3859721.48	17.41203	24.92934	16.66095	34.65036	3.97E-01	0.02656	0.00025	0.11078	0.53494	5.26E-01	0.035124	0.000204	0.068777	6.30E-01	0.608811	0.035503	0.000151	0.075873	0.720337
340	489438.17	3859721.48	17.93306	24.78473	16.8021	34.86841	4.09E-01	0.0264	0.00025	0.11148	0.54738	5.41E-01	0.03492	0.000206	0.06921	6.46E-01	0.627028	0.035297	0.000152	0.07635	0.738828
341	489488.17	3859721.48	18.48137	24.59107	17.0639	34.3741	4.22E-01	0.0262	0.00026	0.10989	0.55811	5.58E-01	0.034647	0.000209	0.068229	6.61E-01	0.6462	0.035021	0.000154	0.075268	0.756644
342	489538.17	3859721.48	18.79995	25.41652	17.07358	33.92877	4.29E-01	0.02708	0.00026	0.10847	0.56484	5.67E-01	0.03581	0.000209	0.067345	6.71E-01	0.657339	0.036197	0.000154	0.074293	0.767983
343	489588.17	3859721.48	19.20461	26.00613	17.35554	34.43083	4.38E-01	0.02771	0.00026	0.11008	0.57631	5.80E-01	0.036641	0.000212	0.068342	6.85E-01	0.671488	0.037037	0.000157	0.075392	0.784074
344	489238.17	3859771.48	16.18397	22.76182	16.47571	30.46576	3.69E-01	0.02425	0.00025	0.0974	0.49123	4.88E-01	0.03207	0.000202	0.060471	5.81E-01	0.565872	0.032416	0.000149	0.06671	0.665147
345	489288.17	3859771.48	16.52815	23.41737	16.24519	31.92247	3.77E-01	0.02495	0.00024	0.10206	0.50444	4.99E-01	0.032994	0.000199	0.063363	5.95E-01	0.577906	0.03335	0.000147	0.0699	0.681302
346	489338.17	3859771.48	16.64674	23.83508	15.95826	32.90285	3.80E-01	0.02539	0.00024	0.10519	0.51072	5.02E-01	0.033582	0.000195	0.065309	6.02E-01	0.582052	0.033945	0.000144	0.072046	0.688188
347	489388.17	3859771.48	16.63142	24.17198	16.26436	33.30946	3.80E-01	0.02575	0.00025	0.10649	0.51203	5.02E-01	0.034057	0.000199	0.066116	6.02E-01	0.581517	0.034424	0.000147	0.072937	0.689025
348	489438.17	3859771.48	17.03027	24.39997	16.36285	33.92022	3.89E-01	0.02599	0.00025	0.10844	0.52333	5.14E-01	0.034378	0.0002	0.067328	6.16E-01	0.595462	0.034749	0.000148	0.074274	0.704634
349	489488.17	3859771.48	17.58783	24.3752	16.5669	34.10286	4.01E-01	0.02597	0.00025	0.10903	0.53661	5.31E-01	0.034343	0.000203	0.067691	6.33E-01	0.614957	0.034714	0.00015	0.074674	0.724495
350	489538.17	3859771.48	18.09025	24.17315	16.82809	33.56763	4.13E-01	0.02575	0.00025	0.10732	0.54616	5.46E-01	0.034058	0.000206	0.066628	6.47E-01	0.632525	0.034426	0.000152	0.073502	0.740605
351	489588.17	3859771.48	18.34589	24.92703	16.81857	33.14499	4.19E-01	0.02656	0.00025	0.10597	0.55144	5.54E-01	0.035121	0.000206	0.065789	6.55E-01	0.641463	0.0355	0.000152	0.072576	0.749691
352	489238.17	3859821.48	15.4809	22.70984	16.25003	30.27427	3.53E-01	0.02419	0.00024	0.09679	0.47451	4.67E-01	0.031997	0.000199	0.060091	5.60E-01	0.541289	0.032342	0.000147	0.066291	0.640068
353	489288.17	3859821.48	15.95306	22.28818	16.23587	30.03425	3.64E-01	0.02374	0.00024	0.09602	0.48407	4.81E-01	0.031403	0.000199	0.059615	5.73E-01	0.557798	0.031742	0.000147	0.065765	0.655451
354	489338.17	3859821.48	16.22377	23.01636	15.95671	31.40297	3.70E-01	0.02452	0.00024	0.1004	0.4954	4.90E-01	0.032429	0.000195	0.062332	5.85E-01	0.567263	0.032779	0.000144	0.068762	0.668948
355	489388.17	3859821.48	16.33361	23.41124	15.69998	32.29472	3.73E-01	0.02494	0.00024	0.10325	0.50117	4.93E-01	0.032985	0.000192	0.064102	5.90E-01	0.571104	0.033341	0.000142	0.070715	0.675301
356	489438.17	3859821.48	16.33316	23.81675	16.04644	32.62668	3.73E-01	0.02537	0.00024	0.10431	0.50266	4.93E-01	0.033556	0.000196	0.064761	5.91E-01	0.571088	0.033919	0.000145	0.071442	0.676593
357	489488.17	3859821.48	16.7811	24.10751	16.19834	33.24242	3.83E-01	0.02568	0.00024	0.10628	0.51516	5.06E-01	0.033966	0.000198	0.065983	6.07E-01	0.58675	0.034333	0.000147	0.07279	0.694019
358	489538.17	3859821.48	17.26997	24.01823	16.35895	33.34682	3.94E-01	0.02559	0.00025	0.10661	0.52656	5.21E-01	0.03384	0.0002	0.06619	6.21E-01	0.603844	0.034205	0.000148	0.073018	0.711215
359	489588.17	3859821.48	17.69398	23.73628	16.57611	32.78459	4.04E-01	0.02529	0.00025	0.10481	0.53414	5.34E-01	0.033443	0.000203	0.065074	6.33E-01	0.618669	0.033804	0.00015	0.071787	0.72441
360	489238.17	3859871.48	14.8591	22.625	15.86026	29.768	3.39E-01	0.0241	0.00024	0.09517	0.45861	4.48E-01	0.031877	0.000194	0.059086	5.40E-01	0.519548	0.032221	0.000143	0.065182	0.617094
361	489288.17	3859871.48	15.27889	22.23421	16.02201	29.65297	3.49E-01	0.02369	0.00024	0.0948	0.46741	4.61E-01	0.031327	0.000196	0.058858	5.52E-01	0.534226	0.031665	0.000145	0.06493	0.630965
362	489338.17	3859871.48	15.69129	21.97023	15.96642	29.62127	3.58E-01	0.02341	0.00024	0.0947	0.47643	4.74E-01	0.030955	0.000195	0.058795	5.64E-01	0.548645	0.031289	0.000144	0.064861	0.644939

363	489388.17	3859871.48	15.97748	22.71039	15.72664	30.90602	3.65E-01	0.02419	0.00024	0.09881	0.48786	4.82E-01	0.031997	0.000192	0.061345	5.76E-01	0.558652	0.032343	0.000142	0.067674	0.658811
364	489438.17	3859871.48	16.12687	23.18258	15.54689	31.71281	3.68E-01	0.0247	0.00023	0.10139	0.49435	4.87E-01	0.032663	0.00019	0.062947	5.83E-01	0.563875	0.033015	0.000141	0.06944	0.666472
365	489488.17	3859871.48	16.13602	23.67942	15.95299	31.94612	3.68E-01	0.02523	0.00024	0.10213	0.49584	4.87E-01	0.033363	0.000195	0.06341	5.84E-01	0.564195	0.033723	0.000144	0.069951	0.668014
366	489538.17	3859871.48	16.53067	23.82609	16.03815	32.55457	3.77E-01	0.02538	0.00024	0.10408	0.50695	4.99E-01	0.033569	0.000196	0.064617	5.97E-01	0.577994	0.033932	0.000145	0.071284	0.683355
367	489588.17	3859871.48	16.95574	23.66452	16.15089	32.61047	3.87E-01	0.02521	0.00024	0.10426	0.51665	5.12E-01	0.033342	0.000198	0.064728	6.10E-01	0.592856	0.033702	0.000146	0.071406	0.69811
368	489238.17	3859921.48	14.32859	22.54634	15.57538	29.27415	3.27E-01	0.02402	0.00023	0.09359	0.44483	4.32E-01	0.031766	0.000191	0.058106	5.23E-01	0.500998	0.032109	0.000141	0.064101	0.597349
369	489288.17	3859921.48	14.72891	22.20949	15.71306	29.27152	3.36E-01	0.02366	0.00024	0.09358	0.4536	4.45E-01	0.031292	0.000192	0.058101	5.34E-01	0.514996	0.03163	0.000142	0.064095	0.610862
370	489338.17	3859921.48	15.13783	21.87136	15.85925	29.05218	3.45E-01	0.0233	0.00024	0.09288	0.46188	4.57E-01	0.030815	0.000194	0.057666	5.46E-01	0.529293	0.031148	0.000143	0.063615	0.624199
371	489388.17	3859921.48	15.56427	21.87433	15.83896	29.24187	3.55E-01	0.0233	0.00024	0.09349	0.47222	4.70E-01	0.03082	0.000194	0.058042	5.59E-01	0.544204	0.031152	0.000143	0.06403	0.639529
372	489438.17	3859921.48	15.8739	22.67162	15.65619	30.41479	3.62E-01	0.02415	0.00024	0.09724	0.48388	4.79E-01	0.031943	0.000192	0.06037	5.72E-01	0.55503	0.032288	0.000142	0.066598	0.654058
373	489488.17	3859921.48	15.94023	23.0142	15.44638	31.11205	3.64E-01	0.02452	0.00023	0.09947	0.48799	4.81E-01	0.032426	0.000189	0.061754	5.75E-01	0.557349	0.032776	0.00014	0.068125	0.65839
374	489538.17	3859921.48	15.87741	23.35207	15.75131	31.29037	3.62E-01	0.02488	0.00024	0.10004	0.48749	4.79E-01	0.032902	0.000193	0.062108	5.74E-01	0.555153	0.033257	0.000142	0.068515	0.657067
375	489588.17	3859921.48	16.31188	23.58521	15.89941	31.87709	3.72E-01	0.02513	0.00024	0.10191	0.49953	4.92E-01	0.03323	0.000195	0.063273	5.89E-01	0.570344	0.033589	0.000144	0.0698	0.673877
376	489238.17	3859971.48	13.74699	22.19634	15.35726	28.80513	3.14E-01	0.02365	0.00023	0.09209	0.42969	4.15E-01	0.031273	0.000188	0.057175	5.04E-01	0.480663	0.031611	0.000139	0.063074	0.575486
377	489288.17	3859971.48	14.2166	22.19165	15.4087	28.74181	3.24E-01	0.02364	0.00023	0.09189	0.4402	4.29E-01	0.031267	0.000189	0.057049	5.18E-01	0.497083	0.031604	0.000139	0.062935	0.591761
378	489338.17	3859971.48	14.58638	21.7791	15.55857	28.75408	3.33E-01	0.0232	0.00023	0.09193	0.44824	4.40E-01	0.030685	0.00019	0.057074	5.28E-01	0.510012	0.031017	0.000141	0.062962	0.604131
379	489388.17	3859971.48	15.05438	21.62681	15.76587	28.42453	3.44E-01	0.02304	0.00024	0.09087	0.4577	4.54E-01	0.030471	0.000193	0.05642	5.41E-01	0.526376	0.0308	0.000143	0.06224	0.619558
380	489438.17	3859971.48	15.50537	21.91999	15.80036	28.81491	3.54E-01	0.02335	0.00024	0.09212	0.46956	4.68E-01	0.030884	0.000193	0.057195	5.56E-01	0.542144	0.031217	0.000143	0.063095	0.6366
381	489488.17	3859971.48	16.03279	22.75202	15.65492	32.32158	3.66E-01	0.02424	0.00024	0.10333	0.49369	4.84E-01	0.032056	0.000192	0.064155	5.80E-01	0.560586	0.032402	0.000142	0.070773	0.663903
382	489538.17	3859971.48	16.29718	23.128	15.50018	33.90356	3.72E-01	0.02464	0.00023	0.10839	0.50518	4.92E-01	0.032586	0.00019	0.067295	5.92E-01	0.56983	0.032938	0.00014	0.074237	0.677145
383	489588.17	3859971.48	16.47173	23.54657	15.84481	34.77475	3.76E-01	0.02509	0.00024	0.11118	0.5124	4.97E-01	0.033176	0.000194	0.069024	6.00E-01	0.575933	0.033534	0.000143	0.076145	0.685755
384	483577.7	3854071	39.81873	71.19085	53.60719	48.66228	9.09E-01	0.07584	0.00081	0.15557	1.14092	1.20E+00	0.100303	0.000656	0.09659	1.40E+00	1.39226	0.101386	0.000485	0.106554	1.600685
385	483627.7	3854071	39.27711	69.29007	52.87345	45.03175	8.96E-01	0.07382	0.0008	0.14397	1.11492	1.19E+00	0.097625	0.000647	0.089383	1.37E+00	1.373322	0.098679	0.000478	0.098604	1.571084
386	483677.7	3854071	38.87095	74.0321	51.73367	44.20596	8.87E-01	0.07887	0.00078	0.14133	1.10804	1.17E+00	0.104307	0.000633	0.087744	1.37E+00	1.359121	0.105433	0.000468	0.096796	1.561817
387	483727.7	3854071	37.88366	75.64374	49.7851	43.56244	8.65E-01	0.08059	0.00075	0.13927	1.08514	1.14E+00	0.106577	0.000609	0.086467	1.34E+00	1.3246	0.107728	0.00045	0.095387	1.528165
388	483777.7	3854071	37.70531	73.42442	51.48719	41.63305	8.60E-01	0.07822	0.00078	0.1331	1.07257	1.14E+00	0.10345	0.00063	0.082637	1.32E+00	1.318364	0.104567	0.000466	0.091162	1.514559
389	483577.7	3854121	41.04595	79.94543	55.28427	55.1889	9.37E-01	0.08517	0.00083	0.17644	1.19914	1.24E+00	0.112638	0.000677	0.109544	1.46E+00	1.435169	0.113854	0.0005	0.120845	1.670369
390	483627.7	3854121	41.44223	74.19975	55.85685	48.75463	9.46E-01	0.07905	0.00084	0.15587	1.1815	1.25E+00	0.104543	0.000684	0.096773	1.45E+00	1.449025	0.105671	0.000505	0.106756	1.661958
391	483677.7	3854121	41.2341	75.57625	55.86391	41.52255	9.41E-01	0.08051	0.00084	0.13275	1.1551	1.24E+00	0.106482	0.000684	0.082418	1.43E+00	1.441748	0.107632	0.000505	0.090921	1.640806
392	483727.7	3854121	41.13597	80.12003	55.20237	38.55594	9.39E-01	0.08536	0.00083	0.12326	1.14821	1.24E+00	0.112884	0.000676	0.07653	1.43E+00	1.438317	0.114103	0.000499	0.084425	1.637344
393	483777.7	3854121	40.22914	79.3614	54.4033	37.69696	9.18E-01	0.08455	0.00082	0.12052	1.12395	1.21E+00	0.111815	0.000666	0.074825	1.40E+00	1.40661	0.113022	0.000492	0.082544	1.602668
394	483577.7	3854171	42.10199	88.92774	56.48622	58.03178	9.61E-01	0.09474	0.00085	0.18553	1.24192	1.27E+00	0.125294	0.000691	0.115187	1.51E+00	1.472094	0.126646	0.000511	0.12707	1.726321
395	483627.7	3854171	43.72056	85.66035	59.14566	52.34151	9.98E-01	0.09126	0.00089	0.16734	1.25722	1.32E+00	0.12069	0.000724	0.103892	1.54E+00	1.528687	0.121993	0.000535	0.11461	1.765825
396	483677.7	3854171	44.16625	79.8004	60.11335	45.50458	1.01E+00	0.08501	0.00091	0.14548	1.23931	1.33E+00	0.112434	0.000736	0.090322	1.54E+00	1.54427	0.113647	0.000544	0.09964	1.758102
397	483727.7	3854171	43.78019	82.36916	59.94662	37.85452	9.99E-01	0.08775	0.0009	0.12102	1.20878	1.32E+00	0.116053	0.000734	0.075137	1.51E+00	1.530772	0.117306	0.000542	0.082889	1.731509
398	483777.7	3854171	43.49649	84.13984	58.70559	33.67636	9.93E-01	0.08964	0.00088	0.10766	1.19081	1.31E+00	0.118548	0.000719	0.066844	1.50E+00	1.520852	0.119827	0.000531	0.07374	1.714951
399	483827.7	3854171	42.85399	80.95664	59.66434	31.07415	9.78E-01	0.08625	0.0009	0.09934	1.16445	1.29E+00	0.114063	0.00073	0.061679	1.47E+00	1.498387	0.115294	0.00054	0.068042	1.682263
400	483877.7	3854171	43.1226	73.988	60.46806	31.27953	9.84E-01	0.07882	0.00091	0.1	1.16383	1.30E+00	0.104244	0.00074	0.062087	1.47E+00	1.507779	0.10537	0.000547	0.068492	1.682188
401	483727.7	3854221	46.71322	83.16648	63.84777	43.20429	1.07E+00	0.0886	0.00096	0.13813	1.29372	1.41E+00	0.117176	0.000781	0.085756	1.61E+00	1.633325	0.118441	0.000578	0.094603	1.846947
402	483777.7	3854221	46.26401	87.57465	63.91	35.27131	1.06E+00	0.0933	0.00096	0.11276	1.26281	1.40E+00	0.123387	0.000782	0.07001	1.59E+00	1.617618	0.124719	0.000578	0.077232	1.820148
403	483827.7	3854221	45.4636	87.48245	61.58532	30.76342	1.04E+00	0.0932	0.00093	0.09835	1.22999	1.37E+00	0.123257	0.000754	0.061062	1.56E+00	1.589632	0.124588	0.000557	0.067362	1.782139
404	483877.7	3854221	44.51792	82.13713	62.55093	28.85338	1.02E+00	0.0875	0.00094	0.09225	1.19663	1.34E+00	0.115726	0.000766	0.057271	1.52E+00	1.556567	0.116975	0.000566	0.063179	1.737287
405	489150.19	3858726.45	18.13202	37.24172	24.96769	48.19413	4.14E-01	0.03968	0.00038	0.15408	0.60792	5.47E-01	0.052471	0.000306	0.09566	6.96E-01	0.633985	0.053038	0.000226	0.105529	0.792778
406	489200.19	3858726.45	17.41841	35.94829	24.56711	45.52315	3.98E-01	0.0383	0.00037	0.14554	0.58171	5.26E-01	0.050649	0.000301	0.090359	6.67E-01	0.609034	0.051196	0.000222	0.09968	0.760132
407	489150.19	3858776.45	18.7044	37.05694	24.07896	49.21074	4.27E-01	0.03948	0.00036	0.15733	0.62402	5.65E-01	0.052211	0.000295	0.097678	7.15E-01	0.653998	0.052775	0.000218	0.107755	0.814746
408	489200.19	3858776.45	17.97062	36.39063	24.3097	47.27591	4.10E-01	0.03877	0.00037	0.15114	0.60038	5.42E-01	0.051272	0.000298	0.093838	6.88E-01	0.628342	0.051826	0.00022	0.103518	0.783906
409	488919.6	3856400.76	9.56718	47.49664	12.77844	9.95789	2.18E-01	0.0506	0.00019	0.03184	0.30096	2.89E-01	0.06692	0.000156	0.019765	3.76E-01	0.334516	0.067642	0.000116	0.021804	0.424078
410	488919.6	3856450.76	9.65485	45.02481	12.82821	10.65302	2.20E-01	0.04797	0.00019	0.03406	0.30255	2.91E-01	0.063437	0.000157	0.021145	3.76E-01	0.337581	0.064122	0.000116	0.023327	0.425146
411	488969.6	3856450.76	9.58261	41.74914	12.67838	10.39788	2.19E-01	0.04448	0.00019	0.03324	0.29659	2.89E-01	0.058822	0.000155	0.020639	3.69E-01	0.335055	0.059457	0.000115	0.022768	0.417395
412	488919.6	3856500.76	9.73242	43.59491	12.89939	11.41023	2.22E-01	0.04644	0.00019	0.03648	0.30522	2.94E-01	0.061422	0.000158	0.022648	3.78E-01	0.340294	0.062086	0.000117	0.024985	0.42748
413	488969.6	3856500.76	9.60296	42.90698	12.71622	11.22099	2.19E-01	0.04571	0.00019	0.03587	0.30092	2.90E-01	0.060453	0.000156	0.022272	3.73E-01	0.335767	0.061106	0.000115	0.02457	0.421558
414	488919.6	3856550.76	9.76079	44.01169	12.94653	12.06083	2.23E-01	0.04689	0.0002	0.03856	0.30839	2.95E-01	0.06201	0.000158	0.023939	3.81E-01	0.341285	0.062679	0.000117	0.026409	0.430491
415	488969.6	3856550.76	9.64501	42.55851	12.78493	11.86745	2.20E-01	0.04534	0.00019	0.03794	0.30358	2.91E-01	0.059962	0.000156	0.023556	3.75E-01	0.337237	0.06061	0.000116	0.025986	0.423948
416	488819.6	3856600.76	10.14047	46.2093	13.42435	12.82828	2.31E-01	0.04923	0.0002	0.04101	0.32186	3.06E-01	0.065106	0.000164	0.025463	3.97E-01	0.354561	0.065809	0.000121	0.02809	0.448581
417	488869.6	3856600.76	9.99964	44.61899	13.2448	12.67354	2.28E-01	0.04753	0.0002	0.04052	0.31645	3.02E-01	0.062865	0.000162	0.025156	3.90E-01	0.349637	0.063544	0.00012	0.027751	0.441051
418	488919.6	3856600.76	9.85746	42.67608	13.04852	12.54646	2.25E-01	0.04546	0.0002	0.04011	0.31073	2.98E-01	0.060128	0.00016	0.024903	3.83E-01	0.344666	0.060777	0.000118	0.027473	0.433033
419	488819.6	3856650.76	10.20898	44.9808	13.51779	13.22822	2.33E-01	0.04792	0.0002	0.04229	0.32339	3.08E-01	0.063375	0.000165	0.026257	3.98E-01	0.356956	0.064059	0.000122	0.028965	0.450103
420	488869.6	3856650.76	10.07174	44.12296	13.3265	13.07961	2.30E-01	0.04701	0.0002	0.04182	0.31887	3.04E-01	0.062166	0.000163	0.025962	3.92E-01	0.352158	0.062838	0.000121	0.02864	0.443756
421	488819.6	3856700.76	10.17011	45.37199	13.66948	13.59637	2.32E-01	0.04834	0.00021	0.04347	0.3241	3.07E-01	0.063926	0.000167	0.026987	3.98E-01	0.355597	0.064616	0.000124	0.029772	0.450109
422	488869.6	3856700.76	10.03618	44.40217	13.47821	13.4325	2.29E-01	0.0473	0.0002	0.04294	0.31948	3.03E-01	0.06256	0.000165	0.026662	3.92E-01	0.350914	0.063235	0.000122	0.029413	0.443684
423	488819.6	3856750.76	10.2625	47.51907	13.82206	13.89619	2.34E-01	0.05062	0.00021	0.04443	0.32946	3.10E-01	0.066951	0.000169	0.027582	4.04E-01	0.358828	0.067674	0.000125	0.030428	0.457055

424	488869.6	3856750.76	10.11313	46.99755	13.61803	13.77433	2.31E-01	0.05007	0.00021	0.04404	0.3251	3.05E-01	0.066217	0.000167	0.027341	3.99E-01	0.353605	0.066931	0.000123	0.030161	0.450821
425	488819.6	3857050.76	11.4541	50.03773	15.33655	16.62289	2.61E-01	0.05331	0.00023	0.05314	0.36807	3.46E-01	0.0705	0.000188	0.032995	4.49E-01	0.400492	0.071261	0.000139	0.036399	0.50829
426	488869.6	3857050.76	11.23719	48.96485	14.99283	16.36925	2.56E-01	0.05216	0.00023	0.05233	0.36116	3.39E-01	0.068988	0.000183	0.032491	4.41E-01	0.392908	0.069733	0.000136	0.035843	0.49862
427	488919.6	3857050.76	11.03266	47.91176	14.667	16.073	2.52E-01	0.05104	0.00022	0.05139	0.35442	3.33E-01	0.067505	0.00018	0.031903	4.33E-01	0.385756	0.068233	0.000133	0.035195	0.489317
428	488819.6	3857100.76	11.6651	50.3765	15.71195	17.1575	2.66E-01	0.05367	0.00024	0.05485	0.37496	3.52E-01	0.070977	0.000192	0.034056	4.57E-01	0.40787	0.071744	0.000142	0.037569	0.517324
429	488869.6	3857100.76	11.44694	49.24853	15.38521	16.89244	2.61E-01	0.05247	0.00023	0.05401	0.36793	3.45E-01	0.069388	0.000188	0.03353	4.49E-01	0.400242	0.070137	0.000139	0.036989	0.507507
430	488919.6	3857100.76	11.22482	48.09383	15.05218	16.65502	2.56E-01	0.05124	0.00023	0.05325	0.36087	3.39E-01	0.067761	0.000184	0.033058	4.40E-01	0.392475	0.068493	0.000136	0.036469	0.497573
431	488819.6	3857150.76	11.86907	51.16068	16.05056	17.66906	2.71E-01	0.0545	0.00024	0.05649	0.3821	3.58E-01	0.072082	0.000196	0.035071	4.66E-01	0.415001	0.07286	0.000145	0.038689	0.526696
432	488869.6	3857150.76	11.64324	49.62529	15.72036	17.39499	2.66E-01	0.05287	0.00024	0.05561	0.37443	3.51E-01	0.069919	0.000192	0.034527	4.56E-01	0.407105	0.070674	0.000142	0.038089	0.51601
433	488919.6	3857150.76	11.42953	48.16038	15.4049	17.13699	2.61E-01	0.05131	0.00023	0.05479	0.36716	3.45E-01	0.067855	0.000189	0.034015	4.47E-01	0.399633	0.068587	0.000139	0.037524	0.505884
434	488969.6	3857150.76	11.21926	46.70525	15.09273	16.88159	2.56E-01	0.04976	0.00023	0.05397	0.35999	3.39E-01	0.065805	0.000185	0.033508	4.38E-01	0.392281	0.066515	0.000137	0.036965	0.495897
435	488819.6	3857200.76	12.0635	50.16067	16.41523	18.22577	2.75E-01	0.05344	0.00025	0.05827	0.38725	3.64E-01	0.070673	0.000201	0.036176	4.71E-01	0.4218	0.071436	0.000149	0.039908	0.533293
436	488869.6	3857200.76	11.83167	48.90609	16.06196	17.92654	2.70E-01	0.0521	0.00024	0.05731	0.37966	3.57E-01	0.068906	0.000197	0.035582	4.62E-01	0.413694	0.069649	0.000145	0.039253	0.522742
437	488919.6	3857200.76	11.615	47.73859	15.72398	17.60284	2.65E-01	0.05086	0.00024	0.05628	0.37244	3.51E-01	0.067261	0.000192	0.03494	4.53E-01	0.406118	0.067987	0.000142	0.038544	0.512791
438	488969.6	3857200.76	11.41197	46.66639	15.41382	17.32557	2.60E-01	0.04972	0.00023	0.05539	0.36577	3.44E-01	0.06575	0.000189	0.034389	4.45E-01	0.399019	0.06646	0.000139	0.037937	0.503555
439	488819.6	3857250.76	12.27189	50.70453	16.7513	18.71075	2.80E-01	0.05402	0.00025	0.05982	0.39414	3.70E-01	0.071439	0.000205	0.037139	4.79E-01	0.429086	0.072211	0.000152	0.04097	0.542418
440	488869.6	3857250.76	12.03116	49.41054	16.40694	18.41525	2.75E-01	0.05264	0.00025	0.05887	0.38632	3.63E-01	0.069616	0.000201	0.036552	4.69E-01	0.420669	0.070368	0.000148	0.040323	0.531508
441	488919.6	3857250.76	11.80458	48.17868	16.07283	18.11086	2.69E-01	0.05133	0.00024	0.0579	0.37886	3.56E-01	0.067881	0.000197	0.035948	4.60E-01	0.412746	0.068613	0.000145	0.039657	0.521162
442	488969.6	3857250.76	11.59214	47.0115	15.74829	17.79707	2.65E-01	0.05008	0.00024	0.0569	0.37176	3.50E-01	0.066236	0.000193	0.035325	4.52E-01	0.405319	0.066951	0.000142	0.03897	0.511382
443	488819.6	3857300.76	12.47164	51.10035	17.04938	19.18712	2.85E-01	0.05444	0.00026	0.06134	0.40065	3.76E-01	0.071997	0.000209	0.038084	4.87E-01	0.43607	0.072774	0.000154	0.042013	0.551012
444	488869.6	3857300.76	12.23003	49.65766	16.7085	18.88329	2.79E-01	0.0529	0.00025	0.06037	0.39262	3.69E-01	0.069964	0.000204	0.037481	4.77E-01	0.427622	0.07072	0.000151	0.041348	0.539841
445	488919.6	3857300.76	11.99196	48.23698	16.37081	18.59267	2.74E-01	0.05139	0.00025	0.05944	0.38474	3.62E-01	0.067963	0.0002	0.036905	4.67E-01	0.419298	0.068697	0.000148	0.040712	0.528855
446	488819.6	3857450.76	13.97412	53.2374	18.01298	22.14831	3.19E-01	0.05672	0.00027	0.07081	0.4467	4.22E-01	0.075008	0.00022	0.043962	5.41E-01	0.488604	0.075818	0.000163	0.048497	0.613083
447	488869.6	3857450.76	13.52146	51.79789	17.65012	21.49397	3.09E-01	0.05518	0.00027	0.06872	0.43274	4.08E-01	0.07298	0.000216	0.042663	5.24E-01	0.472777	0.073768	0.00016	0.047065	0.593769
448	488919.6	3857450.76	13.04727	50.22094	17.2645	20.82892	2.98E-01	0.0535	0.00026	0.06659	0.4181	3.94E-01	0.070758	0.000211	0.041343	5.06E-01	0.456197	0.071522	0.000156	0.045608	0.573484
449	488819.6	3857500.76	14.50471	56.16484	18.76584	23.02119	3.31E-01	0.05983	0.00028	0.0736	0.46473	4.38E-01	0.079133	0.00023	0.045695	5.63E-01	0.507156	0.079987	0.00017	0.050409	0.637722
450	488869.6	3857500.76	14.04765	54.39043	17.98153	22.42342	3.21E-01	0.05794	0.00027	0.07169	0.45048	4.24E-01	0.076633	0.00022	0.044508	5.45E-01	0.491175	0.07746	0.000163	0.0491	0.617898
451	488919.6	3857500.76	13.59384	52.66602	17.55557	21.80225	3.10E-01	0.05611	0.00026	0.0697	0.4363	4.10E-01	0.074203	0.000215	0.043275	5.28E-01	0.475308	0.075004	0.000159	0.04774	0.59821
452	488819.6	3857550.76	14.96196	54.66515	19.73903	23.82179	3.41E-01	0.05824	0.0003	0.07616	0.47614	4.52E-01	0.07702	0.000242	0.047284	5.76E-01	0.523144	0.077851	0.000179	0.052162	0.653336
453	488869.6	3857550.76	14.53192	53.46061	18.99308	23.23909	3.32E-01	0.05695	0.00029	0.0743	0.46317	4.39E-01	0.075323	0.000232	0.046127	5.60E-01	0.508108	0.076136	0.000172	0.050886	0.635301
454	488919.6	3857550.76	14.08725	52.14346	18.22935	22.6598	3.21E-01	0.05555	0.00027	0.07244	0.44975	4.25E-01	0.073467	0.000223	0.044977	5.44E-01	0.49256	0.07426	0.000165	0.049617	0.616602
455	489663.71	3860900.05	9.39374	17.34553	11.01399	20.6997	2.14E-01	0.01848	0.00017	0.06618	0.2992	2.84E-01	0.024439	0.000135	0.041087	3.49E-01	0.328452	0.024703	9.96E-05	0.045325	0.398579
456	489813.71	3860900.05	9.77921	14.38964	10.81255	20.50232	2.23E-01	0.01533	0.00016	0.06555	0.30421	2.95E-01	0.020274	0.000132	0.040695	3.56E-01	0.34193	0.020493	9.78E-05	0.044893	0.407414
457	489863.71	3860900.05	9.76234	14.85785	10.75212	20.98235	2.23E-01	0.01583	0.00016	0.06708	0.30586	2.95E-01	0.020934	0.000132	0.041648	3.57E-01	0.34134	0.02116	9.73E-05	0.045944	0.408541
458	489913.71	3860900.05	9.72842	15.22989	10.6442	21.31665	2.22E-01	0.01623	0.00016	0.06815	0.30655	2.94E-01	0.021458	0.00013	0.042311	3.58E-01	0.340154	0.02169	9.63E-05	0.046676	0.408616
459	489963.71	3860900.05	9.74198	15.35997	10.91183	21.37667	2.22E-01	0.01636	0.00016	0.06834	0.30719	2.94E-01	0.021641	0.000134	0.04243	3.58E-01	0.340628	0.021875	9.87E-05	0.046808	0.409409
460	490013.71	3860900.05	9.8744	15.3616	11.21409	21.24534	2.25E-01	0.01637	0.00017	0.06792	0.3098	2.98E-01	0.021644	0.000137	0.04217	3.62E-01	0.345258	0.021877	0.000101	0.04652	0.413757
461	490063.71	3860900.05	10.16054	15.12998	11.37408	21.11903	2.32E-01	0.01612	0.00017	0.06752	0.31568	3.07E-01	0.021317	0.000139	0.041919	3.70E-01	0.355263	0.021547	0.000103	0.046244	0.423157
462	489663.71	3860950.05	9.10253	18.0052	10.80857	21.35208	2.08E-01	0.01918	0.00016	0.06826	0.29533	2.75E-01	0.025368	0.000132	0.042382	3.43E-01	0.318269	0.025642	9.78E-05	0.046754	0.390763
463	489813.71	3860950.05	9.60452	13.89548	10.71358	19.75423	2.19E-01	0.0148	0.00016	0.06315	0.2973	2.90E-01	0.019578	0.000131	0.03921	3.49E-01	0.335821	0.019789	9.69E-05	0.043255	0.398963
464	489863.71	3860950.05	9.6332	14.28806	10.65112	20.34428	2.20E-01	0.01522	0.00016	0.06504	0.30026	2.91E-01	0.020131	0.00013	0.040381	3.51E-01	0.336824	0.020348	9.64E-05	0.044547	0.401816
465	489913.71	3860950.05	9.62963	14.75101	10.6024	20.80416	2.20E-01	0.01571	0.00016	0.06651	0.30214	2.91E-01	0.020783	0.00013	0.041294	3.53E-01	0.336699	0.021008	9.59E-05	0.045554	0.403357
466	489963.71	3860950.05	9.58594	15.02581	10.49921	21.04505	2.19E-01	0.01601	0.00016	0.06728	0.30221	2.89E-01	0.02117	0.000129	0.041772	3.52E-01	0.335172	0.021399	9.5E-05	0.046082	0.402747
467	490013.71	3860950.05	9.60615	15.1456	10.81011	21.07654	2.19E-01	0.01614	0.00016	0.06738	0.3029	2.90E-01	0.021339	0.000132	0.041835	3.53E-01	0.335878	0.02157	9.78E-05	0.046151	0.403696
468	490063.71	3860950.05	9.77107	15.07968	11.07816	20.87597	2.23E-01	0.01607	0.00017	0.06674	0.30596	2.95E-01	0.021246	0.000136	0.041437	3.58E-01	0.341645	0.021476	0.0001	0.045711	0.408932
469	489513.71	3861000.05	8.51447	21.43534	10.3836	24.83739	1.94E-01	0.02284	0.00016	0.07941	0.29671	2.57E-01	0.030201	0.000127	0.0493	3.37E-01	0.297708	0.030527	9.39E-05	0.054386	0.382715
470	489563.71	3861000.05	8.64477	20.69048	10.40264	24.07318	1.97E-01	0.02204	0.00016	0.07696	0.29644	2.61E-01	0.029152	0.000127	0.047783	3.38E-01	0.302264	0.029466	9.41E-05	0.052712	0.384536
471	489613.71	3861000.05	8.74317	19.7485	10.48953	23.11915	2.00E-01	0.02104	0.00016	0.07391	0.29464	2.64E-01	0.027824	0.000128	0.045889	3.38E-01	0.305704	0.028125	9.49E-05	0.050623	0.384547
472	489663.71	3861000.05	8.80389	18.58706	10.55281	21.92745	2.01E-01	0.0198	0.00016	0.0701	0.29098	2.66E-01	0.026188	0.000129	0.043524	3.36E-01	0.307828	0.026471	9.55E-05	0.048014	0.382407
473	489713.71	3861000.05	9.03786	17.25135	10.69104	20.52441	2.06E-01	0.01838	0.00016	0.06562	0.29041	2.73E-01	0.024306	0.000131	0.040739	3.38E-01	0.316008	0.024568	9.67E-05	0.044942	0.385615
474	489763.71	3861000.05	9.23598	15.82721	10.73677	18.97879	2.11E-01	0.01686	0.00016	0.06068	0.28847	2.79E-01	0.0223	0.000131	0.037671	3.39E-01	0.322936	0.02254	9.71E-05	0.041557	0.38713
475	489813.71	3861000.05	9.40686	14.38025	10.70378	18.95652	2.15E-01	0.01532	0.00016	0.0606	0.29076	2.84E-01	0.020261	0.000131	0.037627	3.42E-01	0.32891	0.02048	9.68E-05	0.041508	0.390995
476	489863.71	3861000.05	9.47994	13.74557	10.52493	19.63926	2.16E-01	0.01464	0.00016	0.06279	0.29393	2.86E-01	0.019367	0.000129	0.038982	3.45E-01	0.331466	0.019576	9.52E-05	0.043003	0.39414
477	489913.71	3861000.05	9.52419	14.23458	10.52652	20.2147	2.17E-01	0.01516	0.00016	0.06463	0.2973	2.87E-01	0.020056	0.000129	0.040124	3.48E-01	0.333013	0.020272	9.52E-05	0.044263	0.397644
478	489963.71	3861000.05	9.47613	14.60409	10.43369	20.59025	2.16E-01	0.01556	0.00016	0.06583	0.2978	2.86E-01	0.020576	0.000128	0.040869	3.48E-01	0.331332	0.020798	9.44E-05	0.045086	0.397311
479	490013.71	3861000.05	9.46294	14.85009	10.37414	20.79043	2.16E-01	0.01582	0.00016	0.06647	0.2984	2.86E-01	0.020923	0.000127	0.041267	3.48E-01	0.330871	0.021149	9.39E-05	0.045524	0.397638
480	490063.71	3861000.05	9.46384	14.91597	10.70111	20.76431	2.16E-01	0.01589	0.00016	0.06638	0.29841	2.86E-01	0.021016	0.000131	0.041215	3.48E-01	0.330903	0.021243	9.68E-05	0.045467	0.397709
481	489513.71	3861050.05	8.32891	21.45411	10.2778	24.91807	1.90E-01	0.02286	0.00015	0.07966	0.29275	2.51E-01	0.030227	0.000126	0.04946	3.31E-01	0.29122	0.030554	9.3E-05	0.054562	0.376429
482	489563.71	3861050.05	8.46447	20.87922	10.25554	24.28662	1.93E-01	0.02224	0.00015	0.07764	0.29321	2.55E-01	0.029417	0.000126	0.048206	3.33E-01	0.29596	0.029735	9.28E-05	0.05318	0.378967
483	489613.71	3861050.05	8.60475	20.13245	10.34246	23.48991	1.96E-01	0.02145	0.00016	0.0751	0.29307	2.60E-01	0.028365	0.000127	0.046625	3.35E-01	0.300865	0.028672	9.36E-05	0.051435	0.381065
484	489663.71	3861050.05	8.65988	19.06654	10.37309	22.40391	1.98E-01	0.02031	0.00016	0.07163	0.28972	2.61E-01	0.026864	0.000127	0.044469	3.33E-01	0.302792	0.027154	9.38E-05	0.049057	0.379097

485	489713.71	3861050.05	8.74577	17.84924	10.44949	21.13232	2.00E-01	0.01902	0.00016	0.06756	0.28632	2.64E-01	0.025148	0.000128	0.041945	3.31E-01	0.305795	0.02542	9.45E-05	0.046273	0.377583
486	489763.71	3861050.05	8.97574	16.52854	10.57663	19.71799	2.05E-01	0.01761	0.00016	0.06304	0.28564	2.71E-01	0.023288	0.000129	0.039138	3.33E-01	0.313836	0.023539	9.57E-05	0.043176	0.380647
487	489813.71	3861050.05	9.16794	15.12939	10.61125	18.15635	2.09E-01	0.01612	0.00016	0.05805	0.28354	2.77E-01	0.021316	0.00013	0.036038	3.34E-01	0.320557	0.021546	9.6E-05	0.039756	0.381955
488	489863.71	3861050.05	9.29434	13.6577	10.52869	18.87352	2.12E-01	0.01455	0.00016	0.06034	0.28715	2.81E-01	0.019243	0.000129	0.037462	3.37E-01	0.324976	0.019451	9.52E-05	0.041327	0.385849
489	489913.71	3861050.05	9.36985	13.64785	10.36864	19.53466	2.14E-01	0.01454	0.00016	0.06245	0.29098	2.83E-01	0.019229	0.000127	0.038774	3.41E-01	0.327616	0.019437	9.38E-05	0.042774	0.389921
490	489963.71	3861050.05	9.38164	14.12104	10.37014	20.0441	2.14E-01	0.01504	0.00016	0.06408	0.29338	2.83E-01	0.019896	0.000127	0.039785	3.43E-01	0.328029	0.02011	9.38E-05	0.04389	0.392123
491	490013.71	3861050.05	9.34902	14.49219	10.2916	20.40277	2.13E-01	0.01544	0.00016	0.06523	0.29417	2.82E-01	0.020419	0.000126	0.040497	3.43E-01	0.326888	0.020639	9.31E-05	0.044675	0.392295
492	490063.71	3861050.05	9.34374	14.67587	10.26891	20.53568	2.13E-01	0.01563	0.00015	0.06565	0.29467	2.82E-01	0.020677	0.000126	0.040761	3.44E-01	0.326703	0.020901	9.29E-05	0.044966	0.392663
493	489513.71	3861100.05	8.20634	21.41886	10.14058	24.9624	1.87E-01	0.02282	0.00015	0.07981	0.29005	2.48E-01	0.030178	0.000124	0.049548	3.28E-01	0.286934	0.030504	9.17E-05	0.054659	0.372189
494	489563.71	3861100.05	8.26486	20.95106	10.1641	24.41166	1.89E-01	0.02232	0.00015	0.07804	0.28913	2.49E-01	0.029519	0.000124	0.048455	3.28E-01	0.28898	0.029837	9.2E-05	0.053453	0.372363
495	489613.71	3861100.05	8.37999	20.22719	10.08817	23.6481	1.91E-01	0.02155	0.00015	0.0756	0.28854	2.53E-01	0.028499	0.000123	0.046939	3.28E-01	0.293006	0.028806	9.13E-05	0.051781	0.373685
496	489663.71	3861100.05	8.48719	19.37671	10.19444	22.73923	1.94E-01	0.02064	0.00015	0.0727	0.28718	2.56E-01	0.027301	0.000125	0.045135	3.29E-01	0.296754	0.027595	9.22E-05	0.049791	0.374233
497	489713.71	3861100.05	8.54676	18.32794	10.22343	21.63598	1.95E-01	0.01953	0.00015	0.06917	0.28389	2.58E-01	0.025823	0.000125	0.042945	3.27E-01	0.298837	0.026102	9.25E-05	0.047376	0.372407
498	489763.71	3861100.05	8.68399	17.11992	10.34189	20.34914	1.98E-01	0.01824	0.00016	0.06506	0.28163	2.62E-01	0.024121	0.000127	0.040391	3.27E-01	0.303635	0.024381	9.36E-05	0.044558	0.372668
499	489813.71	3861100.05	8.90582	15.81268	10.45401	18.90164	2.03E-01	0.01685	0.00016	0.06043	0.28067	2.69E-01	0.022279	0.000128	0.037518	3.29E-01	0.311391	0.02252	9.46E-05	0.041388	0.375394
500	489863.71	3861100.05	9.0919	14.44504	10.47801	18.07347	2.07E-01	0.01539	0.00016	0.05778	0.28081	2.74E-01	0.020352	0.000128	0.035874	3.31E-01	0.317898	0.020572	9.48E-05	0.039575	0.378139
501	489913.71	3861100.05	9.19269	13.23773	10.36672	18.79953	2.10E-01	0.0141	0.00016	0.0601	0.28415	2.77E-01	0.018651	0.000127	0.037315	3.34E-01	0.321422	0.018852	9.38E-05	0.041165	0.381533
502	489963.71	3861100.05	9.25353	13.58901	10.24077	19.41187	2.11E-01	0.01448	0.00015	0.06206	0.28786	2.79E-01	0.019146	0.000125	0.038531	3.37E-01	0.323549	0.019353	9.26E-05	0.042506	0.3855
503	490013.71	3861100.05	9.24283	14.00508	10.21824	19.86769	2.11E-01	0.01492	0.00015	0.06352	0.28952	2.79E-01	0.019732	0.000125	0.039435	3.38E-01	0.323175	0.019945	9.24E-05	0.043504	0.386716
504	490063.71	3861100.05	9.18232	14.30796	10.11226	20.15506	2.10E-01	0.01524	0.00015	0.06444	0.28938	2.77E-01	0.020159	0.000124	0.040006	3.37E-01	0.321059	0.020377	9.15E-05	0.044133	0.38566
505	489713.71	3861150.05	8.40571	18.72214	10.08668	22.05815	1.92E-01	0.01995	0.00015	0.07052	0.28244	2.54E-01	0.026378	0.000123	0.043783	3.24E-01	0.293905	0.026663	9.13E-05	0.0483	0.368959
506	489763.71	3861150.05	8.45296	17.65121	10.09565	20.90907	1.93E-01	0.0188	0.00015	0.06685	0.27871	2.55E-01	0.024869	0.000124	0.041502	3.22E-01	0.295557	0.025138	9.13E-05	0.045784	0.36657
507	489813.71	3861150.05	8.636	16.44351	10.24963	19.57577	1.97E-01	0.01752	0.00015	0.06258	0.27734	2.61E-01	0.023168	0.000125	0.038856	3.23E-01	0.301957	0.023418	9.27E-05	0.042864	0.368332
508	489863.71	3861150.05	8.8358	15.12279	10.3318	18.0948	2.02E-01	0.01611	0.00016	0.05785	0.27576	2.67E-01	0.021307	0.000126	0.035916	3.24E-01	0.308943	0.021537	9.35E-05	0.039622	0.370195
509	489913.71	3861150.05	8.98399	13.73447	10.31158	18.0086	2.05E-01	0.01463	0.00016	0.05757	0.27738	2.71E-01	0.019351	0.000126	0.035745	3.26E-01	0.314125	0.01956	9.33E-05	0.039433	0.373211
510	489963.71	3861150.05	9.07635	13.1022	10.19097	18.69504	2.07E-01	0.01396	0.00015	0.05977	0.28101	2.74E-01	0.01846	0.000125	0.037108	3.30E-01	0.317354	0.018659	9.22E-05	0.040936	0.377042
511	490013.71	3861150.05	9.11382	13.48569	10.09063	19.25969	2.08E-01	0.01437	0.00015	0.06157	0.28408	2.75E-01	0.019	0.000124	0.038228	3.32E-01	0.318664	0.019206	9.13E-05	0.042172	0.380133
512	490063.71	3861150.05	9.10844	13.88838	10.07148	19.68563	2.08E-01	0.0148	0.00015	0.06294	0.28575	2.75E-01	0.019568	0.000123	0.039074	3.34E-01	0.318476	0.019779	9.11E-05	0.043105	0.381451
513	489613.71	3861200.05	7.99846	20.29194	9.85698	23.8622	1.83E-01	0.02162	0.00015	0.07629	0.28059	2.41E-01	0.02859	0.000121	0.047364	3.17E-01	0.279666	0.028899	8.92E-05	0.05225	0.360904
514	489663.71	3861200.05	8.12121	19.76958	9.87296	23.22992	1.85E-01	0.02106	0.00015	0.07427	0.28081	2.45E-01	0.027854	0.000121	0.046109	3.19E-01	0.283958	0.028155	8.93E-05	0.050866	0.363068
515	489713.71	3861200.05	8.24662	19.027	9.89594	22.40385	1.88E-01	0.02027	0.00015	0.07163	0.28024	2.49E-01	0.026808	0.000121	0.044469	3.20E-01	0.288343	0.027097	8.95E-05	0.049057	0.364586
516	489763.71	3861200.05	8.3265	18.08486	9.98124	21.37709	1.90E-01	0.01927	0.00015	0.06834	0.27778	2.51E-01	0.02548	0.000122	0.042431	3.19E-01	0.291136	0.025755	9.03E-05	0.046809	0.36379
517	489813.71	3861200.05	8.35982	16.99159	9.98925	20.1691	1.91E-01	0.0181	0.00015	0.06448	0.27351	2.52E-01	0.02394	0.000122	0.040034	3.16E-01	0.292301	0.024199	9.04E-05	0.044164	0.360753
518	489863.71	3861200.05	8.58603	15.78492	10.15512	18.81675	1.96E-01	0.01682	0.00015	0.06016	0.27307	2.59E-01	0.02224	0.000124	0.037349	3.19E-01	0.30021	0.02248	9.19E-05	0.041202	0.363984
519	489913.71	3861200.05	8.76455	14.45562	10.20883	17.31213	2.00E-01	0.0154	0.00015	0.05535	0.27092	2.65E-01	0.020367	0.000125	0.034363	3.19E-01	0.306452	0.020587	9.24E-05	0.037908	0.365039
520	489963.71	3861200.05	8.89034	13.07725	10.16171	17.94854	2.03E-01	0.01393	0.00015	0.05738	0.27435	2.68E-01	0.018425	0.000124	0.035626	3.22E-01	0.31085	0.018624	9.19E-05	0.039301	0.368867
521	490013.71	3861200.05	8.9763	12.98346	10.03394	18.60896	2.05E-01	0.01383	0.00015	0.05949	0.27832	2.71E-01	0.018293	0.000123	0.036937	3.26E-01	0.313856	0.01849	9.08E-05	0.040747	0.373184
522	490063.71	3861200.05	8.99981	13.41442	9.96615	19.12528	2.05E-01	0.01429	0.00015	0.06114	0.28097	2.72E-01	0.0189	0.000122	0.037962	3.29E-01	0.314678	0.019104	9.02E-05	0.041878	0.37575
523	489513.71	3861250.05	7.56881	20.18517	9.59162	24.39187	1.73E-01	0.0215	0.00014	0.07798	0.27236	2.28E-01	0.02844	0.000117	0.048415	3.05E-01	0.264643	0.028747	8.68E-05	0.05341	0.346886
524	489563.71	3861250.05	7.73309	20.33529	9.62424	24.23517	1.76E-01	0.02166	0.00015	0.07748	0.27576	2.33E-01	0.028651	0.000118	0.048104	3.10E-01	0.270387	0.02896	8.71E-05	0.053067	0.352501
525	489613.71	3861250.05	7.8588	20.22115	9.68648	23.90318	1.79E-01	0.02154	0.00015	0.07642	0.27745	2.37E-01	0.02849	0.000119	0.047445	3.13E-01	0.274782	0.028798	8.76E-05	0.05234	0.356008
526	489663.71	3861250.05	7.93754	19.83816	9.76276	23.37741	1.81E-01	0.02113	0.00015	0.07474	0.27716	2.40E-01	0.027951	0.000119	0.046402	3.14E-01	0.277536	0.028252	8.83E-05	0.051189	0.357065
527	489713.71	3861250.05	8.07276	19.2395	9.75411	22.67152	1.84E-01	0.0205	0.00015	0.07248	0.27735	2.44E-01	0.027107	0.000119	0.045001	3.16E-01	0.282264	0.0274	8.82E-05	0.049643	0.359395
528	489763.71	3861250.05	8.18258	18.43979	9.81435	21.76672	1.87E-01	0.01964	0.00015	0.06959	0.27611	2.47E-01	0.02598	0.00012	0.043205	3.16E-01	0.286103	0.026261	8.88E-05	0.047662	0.360115
529	489813.71	3861250.05	8.24691	17.4598	9.87521	20.68661	1.88E-01	0.0186	0.00015	0.06614	0.27309	2.49E-01	0.0246	0.000121	0.041061	3.15E-01	0.288353	0.024865	8.93E-05	0.045297	0.358604
530	489863.71	3861250.05	8.30325	16.33637	9.90585	19.43664	1.89E-01	0.0174	0.00015	0.06214	0.26918	2.51E-01	0.023017	0.000121	0.03858	3.12E-01	0.290323	0.023265	8.96E-05	0.04256	0.356237
531	489913.71	3861250.05	8.52164	15.11388	10.04468	18.05275	1.94E-01	0.0161	0.00015	0.05772	0.26844	2.57E-01	0.021294	0.000123	0.035833	3.14E-01	0.297959	0.021524	9.09E-05	0.039529	0.359103
532	489963.71	3861250.05	8.69139	13.80951	10.08443	17.17237	1.98E-01	0.01471	0.00015	0.0549	0.26811	2.62E-01	0.019457	0.000123	0.034085	3.16E-01	0.303894	0.019667	9.12E-05	0.037602	0.361254
533	490013.71	3861250.05	8.80954	12.64251	10.02675	17.90201	2.01E-01	0.01347	0.00015	0.05723	0.27189	2.66E-01	0.017812	0.000123	0.035534	3.19E-01	0.308025	0.018005	9.07E-05	0.039199	0.36532
534	490063.71	3861250.05	8.86446	12.9082	9.86628	18.50177	2.02E-01	0.01375	0.00015	0.05915	0.27535	2.68E-01	0.018187	0.000121	0.036724	3.23E-01	0.309945	0.018383	8.93E-05	0.040513	0.36893
535	489528.13	3861308.47	7.38636	19.73098	9.42141	24.11187	1.69E-01	0.02102	0.00014	0.07709	0.26681	2.23E-01	0.0278	0.000115	0.04786	2.99E-01	0.258264	0.0281	8.52E-05	0.052797	0.339246
536	489578.13	3861308.47	7.55714	19.95503	9.49473	24.00973	1.72E-01	0.02126	0.00014	0.07676	0.27062	2.28E-01	0.028115	0.000116	0.047657	3.04E-01	0.264235	0.028419	8.59E-05	0.052573	0.345313
537	489628.13	3861308.47	7.69523	19.9361	9.47708	23.73717	1.76E-01	0.02124	0.00014	0.07589	0.27288	2.32E-01	0.028089	0.000116	0.047116	3.08E-01	0.269063	0.028392	8.57E-05	0.051976	0.349517
538	489678.13	3861308.47	7.80149	19.6925	9.60048	23.30231	1.78E-01	0.02098	0.00014	0.0745	0.27366	2.35E-01	0.027745	0.000118	0.046253	3.10E-01	0.272779	0.028045	8.69E-05	0.051024	0.351935
539	489728.13	3861308.47	7.89551	19.20994	9.64578	22.6852	1.80E-01	0.02047	0.00015	0.07253	0.27332	2.38E-01	0.027066	0.000118	0.045028	3.11E-01	0.276066	0.027358	8.73E-05	0.049673	0.353184
540	489778.13	3861308.47	8.01963	18.50176	9.59991	21.86831	1.83E-01	0.01971	0.00014	0.06991	0.27278	2.42E-01	0.026068	0.000117	0.043406	3.12E-01	0.280406	0.026349	8.68E-05	0.047884	0.354726
541	489678.13	3861358.47	7.65135	19.58799	9.4041	23.32933	1.75E-01	0.02087	0.00014	0.07458	0.2702	2.31E-01	0.027598	0.000115	0.046306	3.05E-01	0.267529	0.027896	8.51E-05	0.051083	0.346594
542	489728.13	3861358.47	7.73931	19.2479	9.51042	22.81966	1.77E-01	0.02051	0.00014	0.07296	0.27022	2.34E-01	0.027119	0.000116	0.045295	3.06E-01	0.270605	0.027412	8.6E-05	0.049967	0.34807
543	489528.13	3861408.47	6.96812	18.66069	8.98313	23.58104	1.59E-01	0.01988	0.00014	0.07539	0.25442	2.10E-01	0.026292	0.00011	0.046806	2.84E-01	0.24364	0.026576	8.13E-05	0.051635	0.321931
544	489578.13	3861408.47	7.16682	19.11676	9.16689	23.62664	1.64E-01	0.02037	0.00014	0.07553	0.25959	2.16E-01	0.026934	0.000112	0.046896	2.90E-01	0.250587	0.027225	8.29E-05	0.051734	0.32963
545	489628.13	3861408.47	7.35603	19.41128	9.28941	23.56703	1.68E-01	0.02068	0.00014	0.07534	0.26403	2.22E-01	0.027349	0.000114	0.046778	2.96E-01	0.257203	0.027645	8.4E-05	0.051604	0.336536

546	489678.13	3861408.47	7.49376	19.41712	9.30002	23.30826	1.71E-01	0.02069	0.00014	0.07452	0.26636	2.26E-01	0.027357	0.000114	0.046264	3.00E-01	0.262019	0.027653	8.41E-05	0.051037	0.340793
547	489728.13	3861408.47	7.59833	19.19978	9.33179	22.89063	1.73E-01	0.02045	0.00014	0.07318	0.26718	2.29E-01	0.027051	0.000114	0.045436	3.02E-01	0.265675	0.027343	8.44E-05	0.050123	0.343226
548	489528.13	3861458.47	6.76973	18.09665	8.75146	23.2895	1.54E-01	0.01928	0.00013	0.07446	0.24836	2.04E-01	0.025497	0.000107	0.046227	2.76E-01	0.236703	0.025772	7.92E-05	0.050996	0.313551
549	489578.13	3861458.47	6.97215	18.64699	8.96199	23.39377	1.59E-01	0.01987	0.00014	0.07479	0.2539	2.10E-01	0.026272	0.00011	0.046434	2.83E-01	0.243781	0.026556	8.11E-05	0.051225	0.321642
550	489628.13	3861458.47	7.16001	19.00627	9.11962	23.38062	1.63E-01	0.02025	0.00014	0.07475	0.25853	2.16E-01	0.026779	0.000112	0.046408	2.89E-01	0.250349	0.027068	8.25E-05	0.051196	0.328695
551	489678.13	3861458.47	7.31777	19.14604	9.19221	23.21656	1.67E-01	0.0204	0.00014	0.07422	0.26176	2.21E-01	0.026976	0.000113	0.046082	2.94E-01	0.255865	0.027267	8.32E-05	0.050837	0.334052
552	489728.13	3861458.47	7.43527	19.04493	9.16908	22.87914	1.70E-01	0.02029	0.00014	0.07315	0.26325	2.24E-01	0.026833	0.000112	0.045413	2.97E-01	0.259974	0.027123	8.29E-05	0.050098	0.337277
553	489528.13	3861508.47	6.61271	17.48931	8.61092	22.9581	1.51E-01	0.01863	0.00013	0.0734	0.24307	2.00E-01	0.024641	0.000105	0.045569	2.70E-01	0.231213	0.024907	7.79E-05	0.050271	0.306469
554	489578.13	3861508.47	6.76138	18.09986	8.71262	23.10853	1.54E-01	0.01928	0.00013	0.07388	0.24759	2.04E-01	0.025502	0.000107	0.045868	2.76E-01	0.236411	0.025777	7.88E-05	0.0506	0.312867
555	489628.13	3861508.47	6.95697	18.54667	8.91401	23.15996	1.59E-01	0.01976	0.00013	0.07404	0.2527	2.10E-01	0.026131	0.000109	0.04597	2.82E-01	0.24325	0.026413	8.06E-05	0.050713	0.320456
556	489678.13	3861508.47	7.1265	18.79375	9.03725	23.06777	1.63E-01	0.02002	0.00014	0.07375	0.25654	2.15E-01	0.026479	0.000111	0.045787	2.87E-01	0.249178	0.026765	8.18E-05	0.050511	0.326535
557	489728.13	3861508.47	7.2688	18.8355	9.08057	22.83713	1.66E-01	0.02007	0.00014	0.07301	0.25909	2.19E-01	0.026538	0.000111	0.045329	2.91E-01	0.254153	0.026825	8.21E-05	0.050006	0.331066
558	489628.13	3861558.47	6.76325	18.08587	8.69506	22.9352	1.54E-01	0.01927	0.00013	0.07332	0.24707	2.04E-01	0.025482	0.000106	0.045524	2.75E-01	0.236477	0.025757	7.87E-05	0.05022	0.312533
559	489678.13	3861558.47	6.95841	18.4711	8.88364	22.943	1.59E-01	0.01968	0.00013	0.07335	0.25196	2.10E-01	0.026025	0.000109	0.045539	2.82E-01	0.2433	0.026306	8.04E-05	0.050238	0.319924
560	489728.13	3861558.47	7.11825	18.63213	8.98333	22.79659	1.62E-01	0.01985	0.00014	0.07288	0.25531	2.15E-01	0.026251	0.00011	0.045249	2.86E-01	0.248889	0.026535	8.13E-05	0.049917	0.325422
561	489357.08	3861015.81	8.0366	21.74341	10.19261	25.81512	1.83E-01	0.02316	0.00015	0.08253	0.28925	2.43E-01	0.030635	0.000125	0.05124	3.25E-01	0.280999	0.030966	9.22E-05	0.056526	0.368584
562	489407.08	3861015.81	8.18284	21.91589	10.17147	25.67953	1.87E-01	0.02335	0.00015	0.0821	0.29234	2.47E-01	0.030878	0.000124	0.050971	3.29E-01	0.286113	0.031211	9.2E-05	0.05623	0.373646
563	489457.08	3861015.81	8.3056	21.83624	10.28735	25.39831	1.90E-01	0.02326	0.00016	0.0812	0.29416	2.51E-01	0.030766	0.000126	0.050413	3.32E-01	0.290405	0.031098	9.31E-05	0.055614	0.37721
564	489357.08	3861065.81	7.82887	21.17336	10.02847	25.53766	1.79E-01	0.02256	0.00015	0.08164	0.28301	2.36E-01	0.029832	0.000123	0.05069	3.17E-01	0.273736	0.030154	9.07E-05	0.055919	0.3599
565	489407.08	3861065.81	7.99242	21.49944	10.07483	25.49026	1.82E-01	0.0229	0.00015	0.08149	0.28694	2.41E-01	0.030291	0.000123	0.050596	3.22E-01	0.279455	0.030618	9.11E-05	0.055815	0.365979
566	489457.08	3861065.81	8.13822	21.593	10.07512	25.30639	1.86E-01	0.023	0.00015	0.08091	0.28978	2.46E-01	0.030423	0.000123	0.050231	3.26E-01	0.284552	0.030752	9.11E-05	0.055413	0.370808
567	489357.08	3861115.81	7.60653	20.51576	9.8131	25.21357	1.74E-01	0.02186	0.00015	0.08061	0.2762	2.30E-01	0.028905	0.00012	0.050046	3.09E-01	0.265962	0.029217	8.88E-05	0.055209	0.350477
568	489407.08	3861115.81	7.80439	21.03861	9.94587	25.28297	1.78E-01	0.02241	0.00015	0.08083	0.2815	2.36E-01	0.029642	0.000122	0.050184	3.15E-01	0.27288	0.029962	9E-05	0.055361	0.358293
569	489457.08	3861115.81	7.9739	21.3026	9.9856	25.19052	1.82E-01	0.02269	0.00015	0.08053	0.28535	2.41E-01	0.030014	0.000122	0.050001	3.21E-01	0.278807	0.030338	9.03E-05	0.055159	0.364394
570	489407.08	3861165.81	7.60522	20.50067	9.77044	25.0203	1.74E-01	0.02184	0.00015	0.07999	0.27554	2.30E-01	0.028884	0.00012	0.049663	3.08E-01	0.265916	0.029196	8.84E-05	0.054786	0.349987
571	489457.08	3861165.81	7.77846	20.8651	9.85868	24.98278	1.78E-01	0.02223	0.00015	0.07987	0.27976	2.35E-01	0.029398	0.000121	0.049588	3.14E-01	0.271973	0.029715	8.92E-05	0.054704	0.356481
572	489407.08	3861215.81	7.34214	19.73188	9.48551	24.60783	1.68E-01	0.02102	0.00014	0.07867	0.26739	2.22E-01	0.027801	0.000116	0.048844	2.98E-01	0.256718	0.028101	8.58E-05	0.053883	0.338787
573	489457.08	3861215.81	7.53725	20.24602	9.64281	24.66742	1.72E-01	0.02157	0.00015	0.07886	0.27258	2.27E-01	0.028525	0.000118	0.048962	3.05E-01	0.26354	0.028833	8.72E-05	0.054013	0.346473
574	489407.08	3861265.81	7.07806	18.93472	9.17099	24.17651	1.62E-01	0.02017	0.00014	0.07729	0.25913	2.14E-01	0.026678	0.000112	0.047988	2.88E-01	0.247484	0.026966	8.3E-05	0.052938	0.327471
575	489457.08	3861265.81	7.29496	19.58433	9.3941	24.32615	1.66E-01	0.02086	0.00014	0.07777	0.26525	2.20E-01	0.027593	0.000115	0.048285	2.96E-01	0.255068	0.027891	8.5E-05	0.053266	0.33631
576	489309.86	3861110.14	7.41948	19.88468	9.63431	25.07995	1.69E-01	0.02118	0.00015	0.08018	0.27083	2.24E-01	0.028016	0.000118	0.049781	3.02E-01	0.259422	0.028319	8.72E-05	0.054917	0.342744
577	489407.08	3861315.81	6.87845	18.23083	8.96806	23.80401	1.57E-01	0.01942	0.00014	0.0761	0.25263	2.08E-01	0.025686	0.00011	0.047248	2.81E-01	0.240505	0.025963	8.11E-05	0.052123	0.318672
578	489457.08	3861315.81	7.07741	18.96677	9.14789	24.00938	1.62E-01	0.02021	0.00014	0.07676	0.25861	2.14E-01	0.026723	0.000112	0.047656	2.88E-01	0.247461	0.027011	8.28E-05	0.052573	0.327128
579	488906.03	3861006.75	7.25475	13.89721	9.4719	22.30265	1.66E-01	0.01481	0.00014	0.0713	0.25181	2.19E-01	0.01958	0.000116	0.044268	2.83E-01	0.253662	0.019792	8.57E-05	0.048835	0.322375
580	488956.03	3861006.75	7.39255	13.63318	9.48128	23.02813	1.69E-01	0.01452	0.00014	0.07362	0.25699	2.23E-01	0.019208	0.000116	0.045708	2.88E-01	0.25848	0.019416	8.58E-05	0.050424	0.328405
581	488904.24	3861051.87	7.2724	14.05998	9.5424	21.81676	1.66E-01	0.01498	0.00014	0.06975	0.25083	2.19E-01	0.01981	0.000117	0.043304	2.83E-01	0.254279	0.020023	8.63E-05	0.047771	0.32216
582	488954.24	3861051.87	7.31317	13.67169	9.47894	22.48025	1.67E-01	0.01457	0.00014	0.07187	0.25347	2.21E-01	0.019263	0.000116	0.044621	2.85E-01	0.255705	0.01947	8.58E-05	0.049224	0.324485
583	489004.24	3861051.87	7.4576	14.29323	9.4779	23.19108	1.70E-01	0.01523	0.00014	0.07414	0.2597	2.25E-01	0.020138	0.000116	0.046032	2.91E-01	0.260755	0.020356	8.57E-05	0.050781	0.331977
584	488804.24	3861101.87	6.86519	13.38081	9.08596	19.43466	1.57E-01	0.01426	0.00014	0.06213	0.23319	2.07E-01	0.018853	0.000111	0.038576	2.65E-01	0.240041	0.019056	8.22E-05	0.042555	0.301735
585	488854.24	3861101.87	7.00352	13.52784	9.21388	20.30379	1.60E-01	0.01441	0.00014	0.06491	0.23929	2.11E-01	0.01906	0.000113	0.040301	2.71E-01	0.244878	0.019266	8.34E-05	0.044459	0.308685
586	488904.24	3861101.87	6.99567	13.51383	9.20201	20.99523	1.60E-01	0.0144	0.00014	0.06712	0.2413	2.11E-01	0.01904	0.000113	0.041673	2.72E-01	0.244603	0.019246	8.32E-05	0.045973	0.309905
587	488954.24	3861101.87	7.04779	13.34422	9.21904	21.69522	1.61E-01	0.01422	0.00014	0.06936	0.24455	2.13E-01	0.018801	0.000113	0.043063	2.75E-01	0.246426	0.019004	8.34E-05	0.047505	0.313018
588	489004.24	3861101.87	7.15698	13.16441	9.20972	22.38684	1.63E-01	0.01402	0.00014	0.07157	0.24906	2.16E-01	0.018548	0.000113	0.044436	2.79E-01	0.250243	0.018748	8.33E-05	0.04902	0.318094
589	488804.24	3861151.87	6.60204	12.76458	8.7824	18.57426	1.51E-01	0.0136	0.00013	0.05938	0.22378	1.99E-01	0.017984	0.000107	0.036868	2.54E-01	0.23084	0.018179	7.95E-05	0.040671	0.289769
590	488854.24	3861151.87	6.70035	12.90484	8.83168	19.41991	1.53E-01	0.01375	0.00013	0.06209	0.22887	2.02E-01	0.018182	0.000108	0.038546	2.59E-01	0.234277	0.018378	7.99E-05	0.042523	0.295259
591	489129.49	3861187.55	7.08253	14.59262	8.81296	22.79686	1.62E-01	0.01555	0.00013	0.07288	0.25019	2.14E-01	0.02056	0.000108	0.045249	2.80E-01	0.24764	0.020782	7.97E-05	0.049918	0.31842
592	489179.49	3861187.55	7.12594	15.73895	8.67697	23.30817	1.63E-01	0.01677	0.00013	0.07452	0.25403	2.15E-01	0.022175	0.000106	0.046264	2.84E-01	0.249158	0.022415	7.85E-05	0.051037	0.322688
593	488804.24	3861201.87	6.47678	12.49917	8.63056	17.86902	1.48E-01	0.01332	0.00013	0.05713	0.21838	1.95E-01	0.017611	0.000106	0.035468	2.49E-01	0.22646	0.017801	7.81E-05	0.039127	0.283466
594	488854.24	3861201.87	6.55207	12.61535	8.68252	18.6999	1.50E-01	0.01344	0.00013	0.05978	0.22288	1.98E-01	0.017774	0.000106	0.037117	2.53E-01	0.229093	0.017966	7.85E-05	0.040947	0.288084
595	489129.49	3861237.55	6.9908	13.86367	8.83227	22.26885	1.60E-01	0.01477	0.00013	0.07119	0.24563	2.11E-01	0.019533	0.000108	0.044201	2.75E-01	0.244433	0.019744	7.99E-05	0.048761	0.313018
596	489179.49	3861237.55	7.02861	14.92754	8.65168	22.77892	1.60E-01	0.0159	0.00013	0.07282	0.24926	2.12E-01	0.021032	0.000106	0.045214	2.78E-01	0.245755	0.021259	7.83E-05	0.049878	0.31697
597	488804.24	3861251.87	6.37814	12.50211	8.50647	17.17146	1.46E-01	0.01332	0.00013	0.0549	0.2139	1.92E-01	0.017615	0.000104	0.034084	2.44E-01	0.223011	0.017805	7.7E-05	0.0376	0.278493
598	488854.24	3861251.87	6.42628	12.3321	8.54868	18.0083	1.47E-01	0.01314	0.00013	0.05757	0.21749	1.94E-01	0.017375	0.000105	0.035745	2.47E-01	0.224695	0.017563	7.73E-05	0.039432	0.281767
599	488804.24	3861301.87	6.25426	12.40551	8.38082	16.43738	1.43E-01	0.01322	0.00013	0.05255	0.20862	1.89E-01	0.017479	0.000103	0.032626	2.39E-01	0.21868	0.017667	7.58E-05	0.035992	0.272415
600	488854.24	3861301.87	6.31832	12.00543	8.40013	17.31042	1.44E-01	0.01279	0.00013	0.05534	0.21245	1.91E-01	0.016915	0.000103	0.034359	2.42E-01	0.22092	0.017097	7.6E-05	0.037904	0.275997
601	490943.5	3860181.97	11.06013	18.04834	12.06643	23.75984	2.52E-01	0.01923	0.00018	0.07596	0.34777	3.34E-01	0.025429	0.000148	0.047161	4.07E-01	0.386717	0.025703	0.000109	0.052026	0.464556
602	490993.5	3860181.97	10.80733	17.92059	12.28715	23.60173	2.47E-01	0.01909	0.00019	0.07546	0.34136	3.26E-01	0.025249	0.00015	0.046847	3.98E-01	0.377878	0.025522	0.000111	0.05168	0.45519
603	491043.5	3860181.97	10.51855	17.65648	12.38307	23.20496	2.40E-01	0.01881	0.00019	0.07419	0.33323	3.17E-01	0.024877	0.000152	0.046059	3.89E-01	0.367781	0.025145	0.000112	0.050811	0.443849
604	491093.5	3860181.97	10.18081	17.26019	12.33123	22.57882	2.32E-01	0.01839	0.00019	0.07219	0.32309	3.07E-01	0.024319	0.000151	0.044817	3.77E-01	0.355971	0.024581	0.000112	0.04944	0.430104
605	490943.5	3860231.97	11.08742	17.61196	11.81614	23.0716	2.53E-01	0.01876	0.00018	0.07376	0.34573	3.35E-01	0.024814	0.000145	0.045795	4.05E-01	0.387671	0.025082	0.000107	0.050519	0.463379
606	490993.5	3860231.97	10.94555	17.74458	11.7764	23.28842	2.50E-01	0.0189	0.00018	0.07445	0.34332	3.30E-01	0.025001	0.000144	0.046225	4.02E-01	0.382711	0.025271	0.000107	0.050994	0.459082

607	491043.5	3860231.97	10.69567	17.62664	12.00302	23.19403	2.44E-01	0.01878	0.00018	0.07415	0.3372	3.23E-01	0.024835	0.000147	0.046038	3.94E-01	0.373973	0.025103	0.000109	0.050787	0.449972
608	491093.5	3860231.97	10.4078	17.37235	12.10835	22.8679	2.38E-01	0.01851	0.00018	0.07311	0.32931	3.14E-01	0.024477	0.000148	0.04539	3.84E-01	0.363908	0.024741	0.00011	0.050073	0.438832
609	490943.5	3860281.97	10.99567	17.1856	12.04114	22.62111	2.51E-01	0.01831	0.00018	0.07232	0.34174	3.32E-01	0.024213	0.000147	0.044901	4.01E-01	0.384463	0.024475	0.000109	0.049533	0.458579
610	490993.5	3860281.97	10.93068	17.244	11.72739	22.50607	2.49E-01	0.01837	0.00018	0.07195	0.33995	3.30E-01	0.024296	0.000144	0.044672	3.99E-01	0.382191	0.024558	0.000106	0.049281	0.456135
611	491043.5	3860281.97	10.77131	17.34257	11.44179	22.75421	2.46E-01	0.01848	0.00017	0.07275	0.3372	3.25E-01	0.024435	0.00014	0.045165	3.95E-01	0.376618	0.024698	0.000104	0.049824	0.451244
612	491093.5	3860281.97	10.55841	17.28878	11.69649	22.75639	2.41E-01	0.01842	0.00018	0.07275	0.3323	3.19E-01	0.024359	0.000143	0.045169	3.88E-01	0.369174	0.024622	0.000106	0.049829	0.443731
613	490943.5	3860331.97	10.77217	17.36041	12.04277	22.94702	2.46E-01	0.01849	0.00018	0.07336	0.33787	3.25E-01	0.02446	0.000147	0.045547	3.95E-01	0.376648	0.024724	0.000109	0.050246	0.451727
614	490993.5	3860331.97	10.76672	16.94849	11.86469	22.34015	2.46E-01	0.01806	0.00018	0.07142	0.33536	3.25E-01	0.023879	0.000145	0.044343	3.93E-01	0.376458	0.024137	0.000107	0.048917	0.44962
615	491043.5	3860331.97	10.69902	16.76012	11.55787	21.87216	2.44E-01	0.01786	0.00017	0.06993	0.33212	3.23E-01	0.023614	0.000141	0.043414	3.90E-01	0.374091	0.023869	0.000105	0.047893	0.445957
616	491093.5	3860331.97	10.57456	16.90966	11.13342	22.19183	2.41E-01	0.01801	0.00017	0.07095	0.33045	3.19E-01	0.023825	0.000136	0.044048	3.87E-01	0.369739	0.024082	0.000101	0.048593	0.442514
617	490086.72	3859935.12	15.7466	21.56422	15.19122	28.96425	3.59E-01	0.02297	0.00023	0.0926	0.47515	4.75E-01	0.030383	0.000186	0.057491	5.63E-01	0.550579	0.030711	0.000137	0.063422	0.644849
618	490136.72	3859935.12	15.61339	22.03237	14.67865	29.02903	3.56E-01	0.02347	0.00022	0.09281	0.47281	4.71E-01	0.031042	0.00018	0.05762	5.60E-01	0.545921	0.031377	0.000133	0.063564	0.640995
619	490186.72	3859935.12	15.2812	22.25452	14.93511	29.72326	3.49E-01	0.02371	0.00023	0.09503	0.46769	4.61E-01	0.031355	0.000183	0.058998	5.52E-01	0.534306	0.031694	0.000135	0.065084	0.631219
620	490236.72	3859935.12	14.78682	22.23947	15.14495	29.94163	3.37E-01	0.02369	0.00023	0.09572	0.45709	4.46E-01	0.031334	0.000185	0.059431	5.37E-01	0.51702	0.031672	0.000137	0.065562	0.614392
621	490286.72	3859935.12	14.15632	21.95579	15.15601	29.6847	3.23E-01	0.02339	0.00023	0.0949	0.44158	4.27E-01	0.030934	0.000185	0.058921	5.17E-01	0.494975	0.031268	0.000137	0.065	0.59138
622	490336.72	3859935.12	13.44076	21.44078	14.98271	28.99939	3.07E-01	0.02284	0.00023	0.09271	0.42251	4.06E-01	0.030209	0.000183	0.057561	4.94E-01	0.469955	0.030535	0.000136	0.063499	0.564125
623	490386.72	3859935.12	12.99276	21.04826	14.64812	27.92556	2.97E-01	0.02242	0.00022	0.08928	0.40843	3.92E-01	0.029656	0.000179	0.055429	4.77E-01	0.454291	0.029976	0.000133	0.061148	0.545547
624	490436.72	3859935.12	12.96722	20.70978	14.14468	27.43791	2.96E-01	0.02206	0.00021	0.08772	0.40592	3.91E-01	0.029179	0.000173	0.054461	4.75E-01	0.453398	0.029494	0.000128	0.06008	0.5431
625	490486.72	3859935.12	12.85908	20.21403	13.99246	26.6811	2.93E-01	0.02153	0.00021	0.0853	0.4005	3.88E-01	0.02848	0.000171	0.052959	4.70E-01	0.449617	0.028788	0.000127	0.058423	0.536954
626	490536.72	3859935.12	12.72709	20.14827	13.72125	26.25526	2.90E-01	0.02146	0.00021	0.08394	0.39605	3.84E-01	0.028388	0.000168	0.052114	4.65E-01	0.445002	0.028694	0.000124	0.05749	0.53131
627	490586.72	3859935.12	12.54448	20.41883	13.31161	26.59092	2.86E-01	0.02175	0.0002	0.08501	0.39324	3.79E-01	0.028769	0.000163	0.05278	4.60E-01	0.438617	0.029079	0.00012	0.058225	0.526042
628	490636.72	3859935.12	12.26783	20.4146	13.65176	26.56982	2.80E-01	0.02175	0.00021	0.08494	0.38686	3.70E-01	0.028763	0.000167	0.052738	4.52E-01	0.428944	0.029073	0.000124	0.058179	0.51632
629	490686.72	3859935.12	12.01192	20.35855	13.97436	26.26241	2.74E-01	0.02169	0.00021	0.08396	0.37998	3.63E-01	0.028684	0.000171	0.052128	4.44E-01	0.419996	0.028994	0.000126	0.057506	0.506622
630	490736.72	3859935.12	11.67967	20.05016	14.09143	25.65219	2.67E-01	0.02136	0.00021	0.08201	0.37012	3.53E-01	0.028249	0.000172	0.050917	4.32E-01	0.408379	0.028554	0.000127	0.05617	0.493231
631	490086.72	3859985.12	15.27162	21.82364	15.23034	29.8135	3.49E-01	0.02325	0.00023	0.09531	0.4673	4.61E-01	0.030748	0.000186	0.059177	5.51E-01	0.533971	0.03108	0.000138	0.065282	0.630471
632	490136.72	3859985.12	15.31986	20.9893	14.93775	28.46719	3.50E-01	0.02236	0.00023	0.09101	0.46321	4.62E-01	0.029573	0.000183	0.056504	5.49E-01	0.535658	0.029892	0.000135	0.062334	0.628019
633	490186.72	3859985.12	15.25584	21.51006	14.47435	28.21947	3.48E-01	0.02292	0.00022	0.09022	0.4615	4.60E-01	0.030306	0.000177	0.056013	5.47E-01	0.53342	0.030633	0.000131	0.061791	0.625975
634	490236.72	3859985.12	15.00653	21.79564	14.61348	28.97611	3.42E-01	0.02322	0.00022	0.09264	0.45854	4.53E-01	0.030709	0.000179	0.057515	5.41E-01	0.524702	0.03104	0.000132	0.063448	0.619323
635	490286.72	3859985.12	14.56276	21.80071	14.83704	29.26633	3.32E-01	0.02323	0.00022	0.09357	0.44935	4.40E-01	0.030716	0.000182	0.058091	5.29E-01	0.509186	0.031047	0.000134	0.064083	0.604451
636	490336.72	3859985.12	13.98934	21.57047	14.87915	29.1087	3.19E-01	0.02298	0.00022	0.09306	0.43551	4.22E-01	0.030391	0.000182	0.057778	5.11E-01	0.489136	0.03072	0.000135	0.063738	0.583729
637	490386.72	3859985.12	13.30448	21.08757	14.7209	28.50873	3.04E-01	0.02247	0.00022	0.09114	0.41745	4.02E-01	0.029711	0.00018	0.056587	4.88E-01	0.46519	0.030032	0.000133	0.062425	0.55778
638	490436.72	3859985.12	12.63848	20.60836	14.4143	27.54368	2.88E-01	0.02195	0.00022	0.08806	0.39865	3.81E-01	0.029036	0.000176	0.054671	4.65E-01	0.441904	0.029349	0.00013	0.060311	0.531695
639	490486.72	3859985.12	12.66613	20.33964	13.96425	26.95001	2.89E-01	0.02167	0.00021	0.08616	0.39709	3.82E-01	0.028657	0.000171	0.053493	4.65E-01	0.442871	0.028967	0.000126	0.059012	0.530975
640	490536.72	3859985.12	12.62556	19.93649	13.78392	26.30656	2.88E-01	0.02124	0.00021	0.0841	0.39368	3.81E-01	0.028089	0.000169	0.052216	4.62E-01	0.441452	0.028392	0.000125	0.057603	0.527572
641	490586.72	3859985.12	12.52346	19.63149	13.55167	25.50971	2.86E-01	0.02091	0.0002	0.08156	0.38847	3.78E-01	0.02766	0.000166	0.050634	4.56E-01	0.437882	0.027958	0.000123	0.055858	0.521821
642	490636.72	3859985.12	12.36846	19.93994	13.16809	25.94083	2.82E-01	0.02124	0.0002	0.08293	0.38663	3.73E-01	0.028094	0.000161	0.05149	4.53E-01	0.432463	0.028397	0.000119	0.056802	0.517781
643	490686.72	3859985.12	12.19485	20.14042	13.36037	26.05907	2.78E-01	0.02146	0.0002	0.08331	0.38327	3.68E-01	0.028377	0.000164	0.051725	4.48E-01	0.426392	0.028683	0.000121	0.057061	0.512257
644	490736.72	3859985.12	11.89297	19.99887	13.63225	25.8383	2.71E-01	0.02131	0.00021	0.08261	0.37552	3.59E-01	0.028177	0.000167	0.051286	4.39E-01	0.415837	0.028481	0.000123	0.056577	0.501019
645	490786.72	3859985.12	11.55166	19.68195	13.75012	25.33732	2.64E-01	0.02097	0.00021	0.081	0.3658	3.49E-01	0.027731	0.000168	0.050292	4.27E-01	0.403903	0.02803	0.000124	0.05548	0.487538
646	490086.72	3860035.12	15.46888	22.09139	15.0159	30.14035	3.53E-01	0.02353	0.00023	0.09636	0.47313	4.67E-01	0.031125	0.000184	0.059825	5.58E-01	0.540869	0.031461	0.000136	0.065997	0.638463
647	490136.72	3860035.12	14.96576	21.41639	14.95466	29.24712	3.42E-01	0.02282	0.00023	0.0935	0.45808	4.52E-01	0.030174	0.000183	0.058052	5.40E-01	0.523277	0.0305	0.000135	0.064041	0.617954
648	490186.72	3860035.12	14.91845	20.57564	14.70224	27.98281	3.40E-01	0.02192	0.00022	0.08946	0.45205	4.50E-01	0.02899	0.00018	0.055543	5.35E-01	0.521623	0.029303	0.000133	0.061273	0.612331
649	490236.72	3860035.12	14.89571	20.98376	14.26416	27.42926	3.40E-01	0.02235	0.00021	0.08769	0.45019	4.50E-01	0.029565	0.000175	0.054444	5.34E-01	0.520828	0.029884	0.000129	0.060061	0.610902
650	490286.72	3860035.12	14.67033	21.25013	14.23853	28.21479	3.35E-01	0.02264	0.00021	0.0902	0.44785	4.43E-01	0.02994	0.000174	0.056003	5.29E-01	0.512947	0.030263	0.000129	0.061781	0.60512
651	490336.72	3860035.12	14.30955	21.33429	14.50878	28.58931	3.27E-01	0.02273	0.00022	0.0914	0.4409	4.32E-01	0.030059	0.000178	0.056747	5.19E-01	0.500333	0.030383	0.000131	0.062601	0.593448
652	490386.72	3860035.12	13.77132	21.11733	14.55874	28.50973	3.14E-01	0.0225	0.00022	0.09115	0.42814	4.16E-01	0.029753	0.000178	0.056589	5.02E-01	0.481513	0.030074	0.000132	0.062427	0.574146
653	490436.72	3860035.12	13.15269	20.71555	14.45246	28.0153	3.00E-01	0.02207	0.00022	0.08957	0.41201	3.97E-01	0.029187	0.000177	0.055607	4.82E-01	0.459883	0.029502	0.000131	0.061344	0.55086
654	490486.72	3860035.12	12.47869	20.19136	14.19209	27.15945	2.85E-01	0.02151	0.00021	0.08683	0.39333	3.77E-01	0.028448	0.000174	0.053909	4.59E-01	0.436317	0.028755	0.000128	0.05947	0.524671
655	490536.72	3860035.12	12.37919	19.9996	13.80294	26.46808	2.83E-01	0.02131	0.00021	0.08462	0.38864	3.74E-01	0.028178	0.000169	0.052536	4.54E-01	0.432838	0.028482	0.000125	0.057956	0.519401
656	490586.72	3860035.12	12.37013	19.63325	13.55592	25.91729	2.82E-01	0.02092	0.0002	0.08286	0.38628	3.73E-01	0.027662	0.000166	0.051443	4.53E-01	0.432521	0.027961	0.000123	0.05675	0.517354
657	490636.72	3860035.12	12.25879	19.09168	13.3172	25.08451	2.80E-01	0.02034	0.0002	0.0802	0.38049	3.70E-01	0.026899	0.000163	0.04979	4.47E-01	0.428628	0.027189	0.00012	0.054927	0.510864
658	490686.72	3860035.12	12.13098	19.36146	12.97428	25.24098	2.77E-01	0.02063	0.0002	0.0807	0.37836	3.66E-01	0.027279	0.000159	0.050101	4.44E-01	0.424159	0.027574	0.000117	0.055269	0.507119
659	490736.72	3860035.12	11.99759	19.62806	12.94422	25.48481	2.74E-01	0.02091	0.0002	0.08148	0.37638	3.62E-01	0.027655	0.000158	0.050585	4.40E-01	0.419495	0.027953	0.000117	0.055803	0.503369
660	490786.72	3860035.12	11.7255	19.54665	13.23948	25.3716	2.68E-01	0.02082	0.0002	0.08111	0.36972	3.54E-01	0.02754	0.000162	0.05036	4.32E-01	0.409981	0.027837	0.00012	0.055555	0.493494
661	490836.72	3860035.12	11.40417	19.28224	13.39076	24.97581	2.60E-01	0.02054	0.0002	0.07985	0.36084	3.44E-01	0.027167	0.000164	0.049574	4.21E-01	0.398746	0.027461	0.000121	0.054689	0.481017
662	490086.72	3860085.12	15.41464	22.21409	15.03345	29.98131	3.52E-01	0.02367	0.00023	0.09585	0.47152	4.65E-01	0.031298	0.000184	0.05951	5.56E-01	0.538972	0.031636	0.000136	0.065649	0.636393
663	490136.72	3860085.12	15.12001	21.6599	14.72432	29.52998	3.45E-01	0.02308	0.00022	0.09441	0.46276	4.56E-01	0.030517	0.00018	0.058614	5.46E-01	0.52867	0.030847	0.000133	0.064661	0.624311
664	490186.72	3860085.12	14.69926	21.07126	14.71715	28.71127	3.35E-01	0.02245	0.00022	0.09179	0.44991	4.44E-01	0.029688	0.00018	0.056989	5.30E-01	0.513959	0.030009	0.000133	0.062868	0.606969
665	490236.72	3860085.12	14.53937	20.24887	14.48179	27.51395	3.32E-01	0.02157	0.00022	0.08796	0.44155	4.39E-01	0.028529	0.000177	0.054612	5.22E-01	0.508368	0.028837	0.000131	0.060246	0.597583
666	490286.72	3860085.12	14.54877	20.47753	14.06326	26.66522	3.32E-01	0.02182	0.00021	0.08525	0.43929	4.39E-01	0.028852	0.000172	0.052928	5.21E-01	0.508697	0.029163	0.000127	0.058388	0.596375
667	490336.72	3860085.12	14.36334	20.76304	13.89874	27.48601	3.28E-01	0.02212	0.00021	0.08787	0.43799	4.33E-01	0.029254	0.00017	0.054557	5.17E-01	0.502213	0.02957	0.000126	0.060185	0.592094

668	490386.72	3860085.12	14.02484	20.8326	14.15756	27.90099	3.20E-01	0.02219	0.00021	0.0892	0.43167	4.23E-01	0.029352	0.000173	0.055381	5.08E-01	0.490378	0.029669	0.000128	0.061094	0.581268
669	490436.72	3860085.12	13.55703	20.6919	14.25239	27.91531	3.09E-01	0.02204	0.00021	0.08925	0.42089	4.09E-01	0.029154	0.000174	0.055409	4.94E-01	0.474021	0.029468	0.000129	0.061125	0.564743
670	490486.72	3860085.12	12.98436	20.33234	14.17586	27.50971	2.96E-01	0.02166	0.00021	0.08795	0.40614	3.92E-01	0.028647	0.000174	0.054604	4.75E-01	0.453997	0.028956	0.000128	0.060237	0.543319
671	490536.72	3860085.12	12.36973	19.83285	13.97053	26.77235	2.82E-01	0.02113	0.00021	0.08559	0.38922	3.73E-01	0.027943	0.000171	0.05314	4.55E-01	0.432507	0.028245	0.000126	0.058623	0.519501
672	490586.72	3860085.12	12.06729	19.62539	13.61556	25.97027	2.75E-01	0.02091	0.00021	0.08303	0.37953	3.64E-01	0.027651	0.000167	0.051548	4.44E-01	0.421932	0.027949	0.000123	0.056866	0.506871
673	490636.72	3860085.12	12.08009	19.2841	13.29336	25.49851	2.76E-01	0.02054	0.0002	0.08152	0.37794	3.65E-01	0.02717	0.000163	0.050612	4.43E-01	0.42238	0.027463	0.00012	0.055833	0.505797
674	490686.72	3860085.12	12.03895	18.8483	13.13632	24.78405	2.75E-01	0.02008	0.0002	0.07924	0.37425	3.63E-01	0.026556	0.000161	0.049194	4.39E-01	0.420941	0.026843	0.000119	0.054269	0.502172
675	490736.72	3860085.12	11.94381	18.89907	12.83847	24.58562	2.73E-01	0.02013	0.00019	0.0786	0.3715	3.60E-01	0.026628	0.000157	0.0488	4.36E-01	0.417615	0.026915	0.000116	0.053834	0.49848
676	490786.72	3860085.12	11.78584	19.10557	12.53296	24.87859	2.69E-01	0.02035	0.00019	0.07954	0.36904	3.56E-01	0.026919	0.000153	0.049381	4.32E-01	0.412091	0.027209	0.000113	0.054476	0.49389
677	490836.72	3860085.12	11.53495	19.06311	12.83084	24.86032	2.63E-01	0.02031	0.00019	0.07948	0.36322	3.48E-01	0.026859	0.000157	0.049345	4.24E-01	0.403319	0.027149	0.000116	0.054436	0.485019
678	490086.72	3860135.12	15.27192	21.77542	14.8294	29.25712	3.49E-01	0.0232	0.00022	0.09354	0.46548	4.61E-01	0.03068	0.000181	0.058072	5.50E-01	0.533982	0.031011	0.000134	0.064063	0.629191
679	490136.72	3860135.12	14.94619	21.62462	14.67278	29.31392	3.41E-01	0.02304	0.00022	0.09372	0.45806	4.51E-01	0.030468	0.00018	0.058185	5.40E-01	0.522593	0.030797	0.000133	0.064188	0.61771
680	490186.72	3860135.12	14.79433	21.26134	14.45087	28.94411	3.38E-01	0.02265	0.00022	0.09254	0.45302	4.47E-01	0.029956	0.000177	0.057451	5.34E-01	0.517283	0.030279	0.000131	0.063378	0.611071
681	490236.72	3860135.12	14.38213	20.6569	14.42619	28.16493	3.28E-01	0.02201	0.00022	0.09004	0.44048	4.34E-01	0.029104	0.000177	0.055904	5.19E-01	0.50287	0.029418	0.000131	0.061672	0.594091
682	490286.72	3860135.12	14.13425	19.88078	14.22602	27.04072	3.23E-01	0.02118	0.00021	0.08645	0.4304	4.27E-01	0.028011	0.000174	0.053673	5.08E-01	0.494203	0.028313	0.000129	0.05921	0.581855
683	490336.72	3860135.12	14.18542	19.95177	13.8414	25.9128	3.24E-01	0.02126	0.00021	0.08284	0.42803	4.28E-01	0.028111	0.000169	0.051434	5.08E-01	0.495992	0.028414	0.000125	0.05674	0.581272
684	490386.72	3860135.12	14.04819	20.26427	13.55664	26.76659	3.21E-01	0.02159	0.0002	0.08557	0.42796	4.24E-01	0.028551	0.000166	0.053129	5.06E-01	0.491194	0.028859	0.000123	0.05861	0.578786
685	490436.72	3860135.12	13.74834	20.35729	13.82274	27.2287	3.14E-01	0.02169	0.00021	0.08705	0.42269	4.15E-01	0.028682	0.000169	0.054046	4.98E-01	0.48071	0.028992	0.000125	0.059622	0.569448
686	490486.72	3860135.12	13.33301	20.26226	13.94493	27.30949	3.04E-01	0.02159	0.00021	0.08731	0.41338	4.02E-01	0.028548	0.000171	0.054206	4.85E-01	0.466188	0.028856	0.000126	0.059799	0.554969
687	490536.72	3860135.12	12.83714	19.99969	13.93061	27.02714	2.93E-01	0.02131	0.00021	0.08641	0.40088	3.87E-01	0.028178	0.00017	0.053646	4.69E-01	0.44885	0.028482	0.000126	0.05918	0.536639
688	490586.72	3860135.12	12.25457	19.53838	13.7499	26.37191	2.80E-01	0.02082	0.00021	0.08431	0.38499	3.70E-01	0.027528	0.000168	0.052345	4.50E-01	0.42848	0.027826	0.000124	0.057746	0.514176
689	490636.72	3860135.12	11.74773	19.24766	13.42002	25.4617	2.68E-01	0.02051	0.0002	0.0814	0.3702	3.55E-01	0.027119	0.000164	0.050539	4.32E-01	0.410759	0.027411	0.000121	0.055753	0.494044
690	490686.72	3860135.12	11.79871	18.95898	13.04403	25.08035	2.69E-01	0.0202	0.0002	0.08018	0.36983	3.56E-01	0.026712	0.00016	0.049782	4.33E-01	0.412541	0.027	0.000118	0.054918	0.494577
691	490736.72	3860135.12	11.78251	18.55358	12.91734	24.44543	2.69E-01	0.01977	0.00019	0.07815	0.367	3.56E-01	0.026141	0.000158	0.048522	4.30E-01	0.411975	0.026423	0.000117	0.053527	0.492042
692	490786.72	3860135.12	11.71965	18.38471	12.66302	23.8919	2.67E-01	0.01959	0.00019	0.07638	0.36361	3.54E-01	0.025903	0.000155	0.047423	4.27E-01	0.409777	0.026183	0.000115	0.052315	0.488389
693	490836.72	3860135.12	11.55289	18.55908	12.2202	24.24855	2.64E-01	0.01977	0.00018	0.07752	0.36113	3.49E-01	0.026149	0.00015	0.048131	4.23E-01	0.403946	0.026431	0.000111	0.053096	0.483584
694	490086.72	3860185.12	15.03956	21.23446	14.50668	28.14269	3.43E-01	0.02262	0.00022	0.08997	0.45603	4.54E-01	0.029918	0.000178	0.05586	5.40E-01	0.525857	0.030241	0.000131	0.061623	0.617853
695	490136.72	3860185.12	14.93379	21.34384	14.57011	28.63152	3.41E-01	0.02274	0.00022	0.09154	0.45529	4.51E-01	0.030072	0.000178	0.056831	5.38E-01	0.522159	0.030397	0.000132	0.062693	0.615381
696	490186.72	3860185.12	14.60311	21.21693	14.43156	28.70954	3.33E-01	0.0226	0.00022	0.09179	0.44786	4.41E-01	0.029893	0.000177	0.056985	5.28E-01	0.510597	0.030216	0.000131	0.062864	0.603808
697	490236.72	3860185.12	14.45306	20.83989	14.1577	28.36587	3.30E-01	0.0222	0.00021	0.09069	0.44293	4.36E-01	0.029362	0.000173	0.056303	5.22E-01	0.50535	0.029679	0.000128	0.062112	0.597269
698	490286.72	3860185.12	14.08823	20.27241	14.15715	27.64031	3.22E-01	0.0216	0.00021	0.08837	0.43168	4.25E-01	0.028563	0.000173	0.054863	5.09E-01	0.492594	0.028871	0.000128	0.060523	0.582116
699	490336.72	3860185.12	13.73761	19.52069	13.971	26.57708	3.14E-01	0.0208	0.00021	0.08497	0.41948	4.15E-01	0.027503	0.000171	0.052753	4.95E-01	0.480335	0.0278	0.000126	0.058195	0.566456
700	490386.72	3860185.12	13.81723	19.42547	13.60997	25.21408	3.15E-01	0.02069	0.00021	0.08061	0.41683	4.17E-01	0.027369	0.000167	0.050047	4.95E-01	0.483119	0.027665	0.000123	0.05521	0.566117
701	490436.72	3860185.12	13.72736	19.7671	13.21408	26.05937	3.13E-01	0.02106	0.0002	0.08331	0.41784	4.14E-01	0.027851	0.000162	0.051725	4.94E-01	0.479976	0.028151	0.00012	0.057061	0.565308
702	490486.72	3860185.12	13.48372	19.90873	13.50645	26.57716	3.08E-01	0.02121	0.0002	0.08497	0.41409	4.07E-01	0.02805	0.000165	0.052753	4.88E-01	0.471458	0.028353	0.000122	0.058195	0.558128
703	490536.72	3860185.12	13.12538	19.86968	13.66204	26.73086	3.00E-01	0.02117	0.00021	0.08546	0.40636	3.96E-01	0.027995	0.000167	0.053058	4.77E-01	0.458928	0.028297	0.000124	0.058532	0.545881
704	490586.72	3860185.12	12.67876	19.6611	13.68124	26.53494	2.89E-01	0.02095	0.00021	0.08483	0.39532	3.83E-01	0.027701	0.000167	0.052669	4.63E-01	0.443312	0.028	0.000124	0.058103	0.529539
705	490636.72	3860185.12	12.12304	19.22838	13.51866	25.96134	2.77E-01	0.02048	0.0002	0.083	0.38035	3.66E-01	0.027092	0.000165	0.051531	4.45E-01	0.423881	0.027384	0.000122	0.056847	0.508234
706	490686.72	3860185.12	11.59721	18.8929	13.23464	25.09298	2.65E-01	0.02013	0.0002	0.08022	0.36521	3.50E-01	0.026619	0.000162	0.049807	4.27E-01	0.405496	0.026906	0.00012	0.054945	0.487467
707	490736.72	3860185.12	11.50971	18.62906	12.79361	24.6501	2.63E-01	0.01985	0.00019	0.07881	0.36151	3.47E-01	0.026247	0.000157	0.048928	4.23E-01	0.402436	0.026531	0.000116	0.053975	0.483058
708	490786.72	3860185.12	11.52698	18.26699	12.70155	24.10132	2.63E-01	0.01946	0.00019	0.07705	0.35976	3.48E-01	0.025737	0.000155	0.047839	4.22E-01	0.40304	0.026015	0.000115	0.052774	0.481944
709	490836.72	3860185.12	11.46821	17.83931	12.45884	23.32346	2.62E-01	0.019	0.00019	0.07457	0.35547	3.46E-01	0.025134	0.000152	0.046295	4.18E-01	0.400985	0.025406	0.000113	0.051071	0.477574
710	490086.72	3860235.12	14.60429	20.5286	14.02774	27.38734	3.33E-01	0.02187	0.00021	0.08756	0.44292	4.41E-01	0.028923	0.000172	0.054361	5.24E-01	0.510638	0.029236	0.000127	0.059969	0.59997
711	490136.72	3860235.12	14.71395	20.83297	14.25783	27.54518	3.36E-01	0.02219	0.00021	0.08806	0.44626	4.44E-01	0.029352	0.000175	0.054674	5.28E-01	0.514472	0.029669	0.000129	0.060315	0.604585
712	490186.72	3860235.12	14.60432	20.91996	14.31235	28.02454	3.33E-01	0.02229	0.00022	0.0896	0.44538	4.41E-01	0.029475	0.000175	0.055626	5.26E-01	0.510639	0.029793	0.000129	0.061364	0.601926
713	490236.72	3860235.12	14.26081	20.78466	14.17042	28.11316	3.25E-01	0.02214	0.00021	0.08988	0.43768	4.30E-01	0.029284	0.000173	0.055802	5.16E-01	0.498628	0.0296	0.000128	0.061558	0.589915
714	490286.72	3860235.12	14.12676	20.43952	13.8754	27.8039	3.22E-01	0.02178	0.00021	0.08889	0.43326	4.26E-01	0.028798	0.00017	0.055188	5.11E-01	0.493941	0.029109	0.000126	0.060881	0.584057
715	490336.72	3860235.12	13.80193	19.90112	13.89403	27.12964	3.15E-01	0.0212	0.00021	0.08673	0.42312	4.17E-01	0.028039	0.00017	0.05385	4.99E-01	0.482584	0.028342	0.000126	0.059405	0.570456
716	490386.72	3860235.12	13.36482	19.19014	13.73278	26.1268	3.05E-01	0.02044	0.00021	0.08353	0.40918	4.03E-01	0.027038	0.000168	0.051859	4.82E-01	0.4673	0.02733	0.000124	0.057209	0.551963
717	490436.72	3860235.12	13.48086	18.95286	13.40533	24.83561	3.08E-01	0.02019	0.0002	0.0794	0.40744	4.07E-01	0.026703	0.000164	0.049296	4.83E-01	0.471358	0.026992	0.000121	0.054382	0.552852
718	490486.72	3860235.12	13.42445	19.3085	12.90988	25.38101	3.06E-01	0.02057	0.00019	0.08114	0.40827	4.05E-01	0.027204	0.000158	0.050379	4.83E-01	0.469385	0.027498	0.000117	0.055576	0.552576
719	490536.72	3860235.12	13.23462	19.49093	13.21102	25.95101	3.02E-01	0.02076	0.0002	0.08297	0.40595	3.99E-01	0.027461	0.000162	0.05151	4.79E-01	0.462748	0.027758	0.00012	0.056824	0.547449
720	490586.72	3860235.12	12.92296	19.4995	13.39116	26.16938	2.95E-01	0.02077	0.0002	0.08366	0.39955	3.90E-01	0.027474	0.000164	0.051943	4.70E-01	0.451851	0.02777	0.000121	0.057302	0.537044
721	490636.72	3860235.12	12.50233	19.30681	13.42007	26.03039	2.85E-01	0.02057	0.0002	0.08322	0.3893	3.77E-01	0.027202	0.000164	0.051668	4.56E-01	0.437143	0.027496	0.000121	0.056998	0.521758
722	490686.72	3860235.12	12.00065	18.94373	13.30421	25.55923	2.74E-01	0.02018	0.0002	0.08171	0.37596	3.62E-01	0.026691	0.000163	0.050732	4.40E-01	0.419602	0.026979	0.00012	0.055966	0.502667
723	490736.72	3860235.12	11.45221	18.52861	13.03976	24.7683	2.61E-01	0.01974	0.0002	0.07918	0.36047	3.46E-01	0.026106	0.00016	0.049162	4.21E-01	0.400426	0.026387	0.000118	0.054234	0.481166
724	490786.72	3860235.12	11.23164	18.31832	12.64371	24.22878	2.56E-01	0.01952	0.00019	0.07746	0.35348	3.39E-01	0.025809	0.000155	0.048092	4.13E-01	0.392714	0.026088	0.000114	0.053053	0.471969
725	490086.72	3860285.12	14.10559	19.64127	13.84071	26.42891	3.22E-01	0.02092	0.00021	0.08449	0.42753	4.26E-01	0.027673	0.000169	0.052459	5.06E-01	0.493201	0.027972	0.000125	0.05787	0.579169
726	490136.72	3860285.12	14.28065	20.13208	13.77346	26.84278	3.26E-01	0.02145	0.00021	0.08582	0.43337	4.31E-01	0.028365	0.000169	0.05328	5.13E-01	0.499322	0.028671	0.000125	0.058777	0.586894
727	490186.72	3860285.12	14.38031	20.41396	13.99488	26.9592	3.28E-01	0.02175	0.00021	0.08619	0.43632	4.34E-01	0.028762	0.000171	0.053511	5.16E-01	0.502807	0.029072	0.000127	0.059032	0.591037
728	490236.72	3860285.12	14.28232	20.50282	14.05567	27.43595	3.26E-01	0.02184	0.00021	0.08771	0.4357	4.31E-01	0.028887	0.000172	0.054458	5.15E-01	0.499381	0.029199	0.000127	0.060076	0.588782

729	490286.72	3860285.12	13.95228	20.36664	13.91638	27.53463	
730	490336.72	3860285.12	13.80878	20.04545	13.61383	27.25774	
731	490386.72	3860285.12	13.52837	19.5494	13.64193	26.63597	
732	490436.72	3860285.12	13.06062	18.87464	13.50131	25.6865	
733	490486.72	3860285.12	13.14802	18.48824	13.19907	24.46409	
734	490536.72	3860285.12	13.12617	18.86078	12.73373	24.71871	
735	490586.72	3860285.12	12.96967	19.05743	12.90535	25.32573	
736	490636.72	3860285.12	12.69681	19.09626	13.10257	25.59872	
737	490686.72	3860285.12	12.32496	18.96391	13.16456	25.53549	
738	490736.72	3860285.12	11.85832	18.63846	13.07456	25.13886	
739	490786.72	3860285.12	11.33209	18.17976	12.85307	24.44232	
740	490086.72	3860335.12	13.71421	18.97867	13.51808	26.39787	
741	490136.72	3860335.12	13.81262	19.27234	13.61218	25.91644	
742	490186.72	3860335.12	13.95529	19.72982	13.52466	26.30841	
743	490236.72	3860335.12	14.07269	20.02544	13.75104	26.39944	
744	490286.72	3860335.12	13.96186	20.08572	13.795	26.86197	
745	490336.72	3860335.12	13.65648	19.96505	13.67036	26.97565	
746	490386.72	3860335.12	13.51051	19.66972	13.3923	26.73341	
747	490436.72	3860335.12	13.25444	19.19178	13.38789	26.15038	
748	490486.72	3860335.12	12.82634	18.55705	13.26909	25.25327	
749	490536.72	3860335.12	12.82729	18.04543	12.99972	24.09788	
750	490586.72	3860335.12	12.83677	18.42914	12.56305	24.07838	
751	490636.72	3860335.12	12.72103	18.65682	12.6198	24.72493	
752	490686.72	3860335.12	12.4856	18.72445	12.83439	25.05027	
753	490736.72	3860335.12	12.14568	18.61867	12.9131	25.04556	
754	490786.72	3860335.12	11.73589	18.37002	12.87201	24.74068	
755	490086.72	3860385.12	13.19019	18.78147	13.09845	26.40928	
756	490136.72	3860385.12	13.45038	18.655	13.30602	25.88886	
757	490186.72	3860385.12	13.50818	18.88539	13.36769	25.40943	
758	490236.72	3860385.12	13.64676	19.34634	13.29583	25.79485	
759	490286.72	3860385.12	13.74259	19.60359	13.48048	25.85491	
760	490336.72	3860385.12	13.65049	19.67978	13.53824	26.30487	
761	490386.72	3860385.12	13.37156	19.57882	13.43091	26.43316	
762	490436.72	3860385.12	13.21604	19.29725	13.17008	26.2204	
763	490486.72	3860385.12	12.99676	18.85721	13.14834	25.68169	
764	490536.72	3860385.12	12.60962	18.26304	13.0545	24.83978	
765	490586.72	3860385.12	12.51362	17.61556	12.80218	23.73696	
766	490636.72	3860385.12	12.5557	18.01629	12.39713	23.45844	
767	490686.72	3860385.12	12.47971	18.27645	12.34511	24.14247	
768	490736.72	3860385.12	12.26973	18.35269	12.56649	24.50523	
769	490786.72	3860385.12	11.96511	18.27701	12.66574	24.5652	
770	490136.72	3860435.12	12.92901	18.43111	12.8843	25.90997	
771	490186.72	3860435.12	13.1641	18.29848	13.06879	25.37514	
772	490236.72	3860435.12	13.2283	18.52926	13.14239	24.92514	
773	490286.72	3860435.12	13.33728	18.95782	13.06096	25.28753	
774	490336.72	3860435.12	13.42564	19.19791	13.21792	25.34634	
775	490386.72	3860435.12	13.34885	19.28612	13.28648	25.76372	
776	490436.72	3860435.12	13.09523	19.20419	13.19615	25.90752	
777	490486.72	3860435.12	12.93204	18.93972	12.95393	25.72334	
778	490536.72	3860435.12	12.74025	18.52661	12.90849	25.22229	
779	490586.72	3860435.12	12.38231	17.95955	12.82921	24.42612	
780	490636.72	3860435.12	12.19562	17.25015	12.5949	23.37483	
781	490686.72	3860435.12	12.27408	17.60861	12.22712	22.84925	
782	490736.72	3860435.12	12.23333	17.89677	12.06908	23.56654	
783	490786.72	3860435.12	12.0587	17.99798	12.30771	23.97178	
784	490136.72	3860485.12	12.57002	18.34408	12.74273	25.59395	
785	490186.72	3860485.12	12.68618	18.10729	12.68531	25.43204	
786	490236.72	3860485.12	12.88581	17.95149	12.83586	24.87646	
787	490286.72	3860485.12	12.94876	18.17207	12.91332	24.45098	
788	490336.72	3860485.12	13.0349	18.57573	12.82808	24.79295	
789	490386.72	3860485.12	13.14057	18.8335	12.98147	24.86643	

3.18E-01	0.0217	0.00021	0.08803	0.42834	
3.15E-01	0.02136	0.00021	0.08714	0.42383	
3.09E-01	0.02083	0.00021	0.08516	0.41492	
2.98E-01	0.02011	0.0002	0.08212	0.40049	
3.00E-01	0.0197	0.0002	0.07821	0.39816	
3.00E-01	0.02009	0.00019	0.07903	0.39886	
2.96E-01	0.0203	0.00019	0.08097	0.39744	
2.90E-01	0.02034	0.0002	0.08184	0.39213	
2.81E-01	0.0202	0.0002	0.08164	0.3833	
2.71E-01	0.01986	0.0002	0.08037	0.37104	
2.59E-01	0.01937	0.00019	0.07814	0.35631	
3.13E-01	0.02022	0.0002	0.08439	0.41779	
3.15E-01	0.02053	0.00021	0.08286	0.41881	
3.18E-01	0.02102	0.0002	0.08411	0.4238	
3.21E-01	0.02133	0.00021	0.0844	0.42709	
3.19E-01	0.0214	0.00021	0.08588	0.42611	
3.12E-01	0.02127	0.00021	0.08624	0.41937	
3.08E-01	0.02096	0.0002	0.08547	0.41494	
3.02E-01	0.02045	0.0002	0.0836	0.40673	
2.93E-01	0.01977	0.0002	0.08074	0.39341	
2.93E-01	0.01922	0.0002	0.07704	0.38919	
2.93E-01	0.01963	0.00019	0.07698	0.38975	
2.90E-01	0.01988	0.00019	0.07905	0.38942	
2.85E-01	0.01995	0.00019	0.08009	0.38516	
2.77E-01	0.01984	0.00019	0.08007	0.37728	
2.68E-01	0.01957	0.00019	0.0791	0.36668	
3.01E-01	0.02001	0.0002	0.08443	0.40565	
3.07E-01	0.01987	0.0002	0.08277	0.40979	
3.08E-01	0.02012	0.0002	0.08123	0.40982	
3.11E-01	0.02061	0.0002	0.08247	0.41471	
3.14E-01	0.02088	0.0002	0.08266	0.41736	
3.12E-01	0.02097	0.0002	0.0841	0.41678	
3.05E-01	0.02086	0.0002	0.08451	0.41072	
3.02E-01	0.02056	0.0002	0.08383	0.40618	
2.97E-01	0.02009	0.0002	0.08211	0.39899	
2.88E-01	0.01946	0.0002	0.07941	0.38683	
2.86E-01	0.01877	0.00019	0.07589	0.38042	
2.87E-01	0.01919	0.00019	0.075	0.38091	
2.85E-01	0.01947	0.00019	0.07718	0.38164	
2.80E-01	0.01955	0.00019	0.07834	0.37809	
2.73E-01	0.01947	0.00019	0.07854	0.37125	
2.95E-01	0.01964	0.00019	0.08283	0.39771	
3.00E-01	0.01949	0.0002	0.08112	0.40123	
3.02E-01	0.01974	0.0002	0.07969	0.4015	
3.04E-01	0.0202	0.0002	0.08084	0.40561	
3.06E-01	0.02045	0.0002	0.08103	0.40807	
3.05E-01	0.02055	0.0002	0.08237	0.40775	
2.99E-01	0.02046	0.0002	0.08283	0.40233	
2.95E-01	0.02018	0.0002	0.08224	0.39773	
2.91E-01	0.01974	0.00019	0.08064	0.39131	
2.83E-01	0.01913	0.00019	0.07809	0.37999	
2.78E-01	0.01838	0.00019	0.07473	0.37161	
2.80E-01	0.01876	0.00018	0.07305	0.3721	
2.79E-01	0.01907	0.00018	0.07534	0.37377	
2.75E-01	0.01917	0.00019	0.07664	0.37119	
2.87E-01	0.01954	0.00019	0.08182	0.38842	
2.90E-01	0.01929	0.00019	0.08131	0.3903	
2.94E-01	0.01912	0.00019	0.07953	0.39291	
2.96E-01	0.01936	0.00019	0.07817	0.39323	
2.97E-01	0.01979	0.00019	0.07926	0.39671	
3.00E-01	0.02006	0.0002	0.0795	0.39964	

4.21E-01	0.028695	0.00017	0.054653	5.05E-01	
4.17E-01	0.028243	0.000167	0.054104	4.99E-01	
4.08E-01	0.027544	0.000167	0.05287	4.89E-01	
3.94E-01	0.026593	0.000165	0.050985	4.72E-01	
3.97E-01	0.026049	0.000162	0.048559	4.72E-01	
3.96E-01	0.026574	0.000156	0.049064	4.72E-01	
3.91E-01	0.026851	0.000158	0.050269	4.69E-01	
3.83E-01	0.026905	0.00016	0.050811	4.61E-01	
3.72E-01	0.026719	0.000161	0.050685	4.50E-01	
3.58E-01	0.02626	0.00016	0.049898	4.34E-01	
3.42E-01	0.025614	0.000157	0.048515	4.16E-01	
4.14E-01	0.02674	0.000165	0.052397	4.93E-01	
4.17E-01	0.027154	0.000167	0.051441	4.96E-01	
4.21E-01	0.027798	0.000166	0.052219	5.01E-01	
4.25E-01	0.028215	0.000168	0.0524	5.06E-01	
4.21E-01	0.0283	0.000169	0.053318	5.03E-01	
4.12E-01	0.028129	0.000167	0.053544	4.94E-01	
4.08E-01	0.027713	0.000164	0.053063	4.89E-01	
4.00E-01	0.02704	0.000164	0.051906	4.79E-01	
3.87E-01	0.026146	0.000162	0.050125	4.64E-01	
3.87E-01	0.025425	0.000159	0.047832	4.61E-01	
3.87E-01	0.025965	0.000154	0.047793	4.61E-01	
3.84E-01	0.026286	0.000154	0.049076	4.59E-01	
3.77E-01	0.026382	0.000157	0.049722	4.53E-01	
3.67E-01	0.026233	0.000158	0.049713	4.43E-01	
3.54E-01	0.025882	0.000158	0.049108	4.29E-01	
3.98E-01	0.026462	0.00016	0.05242	4.77E-01	
4.06E-01	0.026284	0.000163	0.051387	4.84E-01	
4.08E-01	0.026608	0.000164	0.050435	4.85E-01	
4.12E-01	0.027258	0.000163	0.0512	4.90E-01	
4.15E-01	0.02762	0.000165	0.051319	4.94E-01	
4.12E-01	0.027728	0.000166	0.052212	4.92E-01	
4.04E-01	0.027585	0.000164	0.052467	4.84E-01	
3.99E-01	0.027189	0.000161	0.052045	4.78E-01	
3.92E-01	0.026569	0.000161	0.050975	4.70E-01	
3.81E-01	0.025731	0.00016	0.049304	4.56E-01	
3.78E-01	0.024819	0.000157	0.047115	4.50E-01	
3.79E-01	0.025384	0.000152	0.046563	4.51E-01	
3.77E-01	0.02575	0.000151	0.04792	4.50E-01	
3.70E-01	0.025858	0.000154	0.04864	4.45E-01	
3.61E-01	0.025751	0.000155	0.048759	4.36E-01	
3.90E-01	0.025968	0.000158	0.051429	4.68E-01	
3.97E-01	0.025781	0.00016	0.050367	4.74E-01	
3.99E-01	0.026107	0.000161	0.049474	4.75E-01	
4.03E-01	0.02671	0.00016	0.050193	4.80E-01	
4.05E-01	0.027049	0.000162	0.05031	4.83E-01	
4.03E-01	0.027173	0.000163	0.051138	4.81E-01	
3.95E-01	0.027057	0.000162	0.051424	4.74E-01	
3.90E-01	0.026685	0.000159	0.051058	4.68E-01	
3.85E-01	0.026103	0.000158	0.050064	4.61E-01	
3.74E-01	0.025304	0.000157	0.048483	4.48E-01	
3.68E-01	0.024304	0.000154	0.046397	4.39E-01	
3.70E-01	0.024809	0.00015	0.045353	4.41E-01	
3.69E-01	0.025215	0.000148	0.046777	4.41E-01	
3.64E-01	0.025358	0.000151	0.047581	4.37E-01	
3.79E-01	0.025846	0.000156	0.050801	4.56E-01	
3.83E-01	0.025512	0.000155	0.05048	4.59E-01	
3.89E-01	0.025293	0.000157	0.049377	4.64E-01	
3.91E-01	0.025603	0.000158	0.048533	4.65E-01	
3.93E-01	0.026172	0.000157	0.049211	4.69E-01	
3.97E-01	0.026535	0.000159	0.049357	4.73E-01	

0.487841	0.029005	0.000126	0.060292	0.577263	
0.482823	0.028548	0.000123	0.059685	0.571179	
0.473019	0.027841	0.000123	0.058324	0.559307	
0.456664	0.02688	0.000122	0.056245	0.539911	
0.45972	0.02633	0.000119	0.053568	0.539737	
0.458956	0.026861	0.000115	0.054126	0.540057	
0.453484	0.027141	0.000117	0.055455	0.536196	
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0.396226	0.025891	0.000116	0.053521	0.475753	
0.479517	0.027028	0.000122	0.057803	0.56447	
0.482957	0.027447	0.000123	0.056748	0.567276	
0.487946	0.028098	0.000122	0.057607	0.573773	
0.492051	0.028519	0.000124	0.057806	0.5785	
0.488176	0.028605	0.000125	0.058819	0.575724	
0.477498	0.028433	0.000124	0.059068	0.565123	
0.472394	0.028013	0.000121	0.058537	0.559065	
0.463441	0.027332	0.000121	0.057261	0.548154	
0.448472	0.026428	0.00012	0.055296	0.530316	
0.448505	0.025699	0.000118	0.052766	0.527089	
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0.424673	0.026516	0.000117	0.054841	0.506147	
0.410345	0.026162	0.000116	0.054174	0.490797	
0.461194	0.026748	0.000118	0.057828	0.545888	
0.470292	0.026567	0.00012	0.056688	0.553668	
0.472313	0.026896	0.000121	0.055638	0.554967	
0.477158	0.027552	0.00012	0.056482	0.561313	
0.480509	0.027918	0.000122	0.056614	0.565163	
0.477289	0.028027	0.000122	0.057599	0.563037	
0.467536	0.027883	0.000122	0.05788	0.55342	
0.462098	0.027482	0.000119	0.057414	0.547113	
0.454431	0.026855	0.000119	0.056234	0.53764	
0.440895	0.026009	0.000118	0.054391	0.521413	
0.437538	0.025087	0.000116	0.051976	0.514717	
0.439009	0.025658	0.000112	0.051366	0.516145	
0.436352	0.026028	0.000112	0.052864	0.515356	
0.42901	0.026137	0.000114	0.053658	0.508919	
0.418359	0.026029	0.000115	0.05379	0.498293	
0.452062	0.026249	0.000117	0.056734	0.535161	
0.460282	0.02606	0.000118	0.055563	0.542023	
0.462527	0.026388	0.000119	0.054578	0.543612	
0.466337	0.026999	0.000118	0.055371	0.548825	
0.469427	0.027341	0.00012	0.0555	0.552387	
0.466742	0.027466	0.00012	0.056414	0.550742	
0.457874	0.02735	0.000119	0.056729	0.542072	
0.452168	0.026973	0.000117	0.056326	0.535584	
0.445462	0.026385	0.000117	0.055228	0.527192	
0.432947	0.025577	0.000116	0.053485	0.512125	
0.426419	0.024567	0.000114	0.051183	0.502283	
0.429163	0.025077	0.000111	0.050032	0.504383	
0.427738	0.025488	0.000109	0.051603	0.504937	
0.421632	0.025632	0.000111	0.05249	0.499865	
0.43951	0.026125	0.000115	0.056042	0.521792	
0.443572	0.025787	0.000115	0.055688	0.525161	
0.450552	0.025566	0.000116	0.054471	0.530704	
0.452753	0.02588	0.000117	0.053539	0.532289	
0.455765	0.026455	0.000116	0.054288	0.536623	
0.459459	0.026822	0.000117	0.054449	0.540848	

790	490436.72	3860485.12	13.08993	18.94953	13.07175	25.26026	2.99E-01	0.02019	0.0002	0.08076	0.39987	3.95E-01	0.026699	0.00016	0.050139	4.72E-01	0.457689	0.026987	0.000118	0.055312	0.540105
791	490486.72	3860485.12	12.84496	18.86245	12.98334	25.40854	2.93E-01	0.02009	0.0002	0.08123	0.39465	3.88E-01	0.026576	0.000159	0.050433	4.65E-01	0.449123	0.026863	0.000117	0.055636	0.53174
792	490536.72	3860485.12	12.66023	18.59917	12.74579	25.24207	2.89E-01	0.01981	0.00019	0.0807	0.38962	3.82E-01	0.026205	0.000156	0.050103	4.59E-01	0.442664	0.026488	0.000115	0.055272	0.524539
793	490586.72	3860485.12	12.48016	18.19363	12.66387	24.76655	2.85E-01	0.01938	0.00019	0.07918	0.38356	3.77E-01	0.025634	0.000155	0.049159	4.52E-01	0.436368	0.02591	0.000115	0.05423	0.516624
794	490636.72	3860485.12	12.16375	17.66853	12.61251	24.02391	2.78E-01	0.01882	0.00019	0.07681	0.3734	3.67E-01	0.024894	0.000154	0.047685	4.40E-01	0.425305	0.025163	0.000114	0.052604	0.503186
795	490686.72	3860485.12	11.89289	16.98542	12.39778	23.02527	2.71E-01	0.0181	0.00019	0.07361	0.3633	3.59E-01	0.023931	0.000152	0.045703	4.29E-01	0.415834	0.02419	0.000112	0.050418	0.490554
796	490736.72	3860485.12	11.9981	17.21354	12.05893	22.25771	2.74E-01	0.01834	0.00018	0.07116	0.36348	3.62E-01	0.024253	0.000148	0.044179	4.31E-01	0.419513	0.024515	0.000109	0.048737	0.492874
797	490786.72	3860485.12	11.97769	17.50916	11.78749	22.99078	2.73E-01	0.01865	0.00018	0.0735	0.36567	3.61E-01	0.024669	0.000144	0.045634	4.32E-01	0.418799	0.024936	0.000107	0.050342	0.494184
798	490136.72	3860535.12	12.17347	18.05895	12.4561	24.95095	2.78E-01	0.01924	0.00019	0.07977	0.377	3.67E-01	0.025444	0.000152	0.049525	4.43E-01	0.425645	0.025719	0.000113	0.054634	0.50611
799	490186.72	3860535.12	12.37072	18.07657	12.57432	25.16608	2.82E-01	0.01926	0.00019	0.08046	0.38221	3.73E-01	0.025469	0.000154	0.049952	4.49E-01	0.432542	0.025744	0.000114	0.055105	0.513504
800	490236.72	3860535.12	12.43203	17.76352	12.47218	24.95207	2.84E-01	0.01892	0.00019	0.07977	0.38259	3.75E-01	0.025028	0.000153	0.049527	4.50E-01	0.434685	0.025298	0.000113	0.054637	0.514733
801	490286.72	3860535.12	12.61782	17.61703	12.60974	24.39372	2.88E-01	0.01877	0.00019	0.07799	0.38489	3.81E-01	0.024821	0.000154	0.048419	4.54E-01	0.441181	0.025089	0.000114	0.053414	0.519799
802	490336.72	3860535.12	12.67287	17.81769	12.68404	23.98752	2.89E-01	0.01898	0.00019	0.07669	0.38507	3.82E-01	0.025104	0.000155	0.047613	4.55E-01	0.443106	0.025375	0.000115	0.052525	0.521121
803	490386.72	3860535.12	12.77291	18.24461	12.62892	24.33682	2.91E-01	0.01944	0.00019	0.07781	0.38892	3.85E-01	0.025705	0.000155	0.048306	4.60E-01	0.446604	0.025983	0.000114	0.05329	0.525991
804	490436.72	3860535.12	12.88803	18.51095	12.77218	24.41919	2.94E-01	0.01972	0.00019	0.07807	0.3921	3.89E-01	0.026081	0.000156	0.04847	4.64E-01	0.450629	0.026362	0.000116	0.05347	0.530577
805	490486.72	3860535.12	12.8332	18.61518	12.85555	24.76879	2.93E-01	0.01983	0.00019	0.07919	0.39208	3.87E-01	0.026228	0.000157	0.049163	4.63E-01	0.448712	0.026511	0.000116	0.054235	0.529575
806	490536.72	3860535.12	12.66372	18.61357	12.83502	24.96599	2.89E-01	0.01983	0.00019	0.07982	0.38884	3.82E-01	0.026225	0.000157	0.049555	4.58E-01	0.442786	0.026508	0.000116	0.054667	0.524078
807	490586.72	3860535.12	12.40643	18.28357	12.55157	24.78017	2.83E-01	0.01948	0.00019	0.07922	0.38201	3.74E-01	0.02576	0.000154	0.049186	4.50E-01	0.43379	0.026038	0.000114	0.05426	0.514202
808	490636.72	3860535.12	12.24564	17.8974	12.44285	24.33752	2.79E-01	0.01907	0.00019	0.07781	0.37652	3.70E-01	0.025216	0.000152	0.048307	4.43E-01	0.428168	0.025489	0.000113	0.053291	0.50706
809	490686.72	3860535.12	11.95267	17.38685	12.40301	23.63386	2.73E-01	0.01852	0.00019	0.07556	0.36704	3.61E-01	0.024497	0.000152	0.046911	4.32E-01	0.417924	0.024761	0.000112	0.05175	0.494548
810	490736.72	3860535.12	11.60433	16.7378	12.20987	22.68656	2.65E-01	0.01783	0.00018	0.07253	0.35537	3.50E-01	0.023582	0.000149	0.04503	4.19E-01	0.405745	0.023837	0.00011	0.049676	0.479368
811	490786.72	3860535.12	11.73087	16.82908	11.89554	21.68514	2.68E-01	0.01793	0.00018	0.06933	0.35514	3.54E-01	0.023711	0.000146	0.043043	4.21E-01	0.410169	0.023967	0.000108	0.047483	0.481727
812	490136.72	3860585.12	11.94298	17.6722	12.08387	24.35024	2.73E-01	0.01883	0.00018	0.07785	0.36941	3.60E-01	0.024899	0.000148	0.048333	4.34E-01	0.417586	0.025168	0.000109	0.053319	0.496182
813	490186.72	3860585.12	11.89677	17.66083	12.20107	24.48776	2.71E-01	0.01881	0.00018	0.07829	0.36878	3.59E-01	0.024883	0.000149	0.048606	4.33E-01	0.41597	0.025152	0.00011	0.05362	0.494852
814	490236.72	3860585.12	12.06903	17.64713	12.30308	24.66668	2.75E-01	0.0188	0.00019	0.07886	0.37327	3.64E-01	0.024864	0.000151	0.048961	4.38E-01	0.421993	0.025132	0.000111	0.054012	0.501248
815	490286.72	3860585.12	12.17994	17.42119	12.2584	24.4826	2.78E-01	0.01856	0.00018	0.07827	0.37497	3.68E-01	0.024545	0.00015	0.048595	4.41E-01	0.425871	0.02481	0.000111	0.053609	0.504401
816	490336.72	3860585.12	12.36648	17.30349	12.39672	23.92972	2.82E-01	0.01843	0.00019	0.0765	0.37734	3.73E-01	0.02438	0.000152	0.047498	4.45E-01	0.432393	0.024643	0.000112	0.052398	0.509546
817	490386.72	3860585.12	12.41165	17.48066	12.46547	23.54111	2.83E-01	0.01862	0.00019	0.07526	0.37732	3.75E-01	0.024629	0.000153	0.046727	4.46E-01	0.433973	0.024895	0.000113	0.051547	0.510528
818	490436.72	3860585.12	12.54393	17.95584	12.45726	23.91442	2.86E-01	0.01913	0.00019	0.07646	0.38203	3.79E-01	0.025299	0.000152	0.047468	4.52E-01	0.438598	0.025572	0.000113	0.052365	0.516647
819	490486.72	3860585.12	12.6992	18.27295	12.62099	24.02831	2.90E-01	0.01947	0.00019	0.07682	0.38628	3.83E-01	0.025745	0.000154	0.047694	4.57E-01	0.444027	0.026023	0.000114	0.052614	0.522778
820	490536.72	3860585.12	12.6283	18.34959	12.68634	24.32112	2.88E-01	0.01955	0.00019	0.07776	0.38568	3.81E-01	0.025853	0.000155	0.048275	4.55E-01	0.441548	0.026133	0.000115	0.053255	0.52105
821	490586.72	3860585.12	12.33079	18.1572	12.53559	24.42944	2.81E-01	0.01934	0.00019	0.0781	0.37903	3.72E-01	0.025582	0.000153	0.04849	4.46E-01	0.431145	0.025859	0.000113	0.053492	0.51061
822	490636.72	3860585.12	12.13927	17.94961	12.34091	24.31589	2.77E-01	0.01912	0.00019	0.07774	0.37407	3.66E-01	0.02529	0.000151	0.048265	4.40E-01	0.424449	0.025563	0.000112	0.053244	0.503367
823	490686.72	3860585.12	12.00828	17.59905	12.21789	23.91342	2.74E-01	0.01875	0.00018	0.07645	0.36942	3.62E-01	0.024796	0.00015	0.047466	4.35E-01	0.419869	0.025064	0.000111	0.052362	0.497405
824	490736.72	3860585.12	11.74024	17.10681	12.1919	23.24811	2.68E-01	0.01822	0.00018	0.07432	0.36065	3.54E-01	0.024102	0.000149	0.046145	4.25E-01	0.410497	0.024363	0.00011	0.050906	0.485875
825	490786.72	3860585.12	11.34223	16.49097	12.01938	22.34804	2.59E-01	0.01757	0.00018	0.07145	0.34804	3.42E-01	0.023235	0.000147	0.044359	4.10E-01	0.39658	0.023486	0.000109	0.048935	0.469109
826	490136.72	3860635.12	11.96363	17.30781	12.06941	23.93785	2.73E-01	0.01844	0.00018	0.07653	0.36817	3.61E-01	0.024386	0.000148	0.047514	4.33E-01	0.418308	0.024649	0.000109	0.052416	0.495482
827	490186.72	3860635.12	11.71092	17.39457	11.90002	23.92815	2.67E-01	0.01853	0.00018	0.0765	0.36246	3.53E-01	0.024508	0.000146	0.047495	4.26E-01	0.409472	0.024772	0.000108	0.052395	0.486746
828	490236.72	3860635.12	11.71671	17.41305	12.03983	24.10812	2.67E-01	0.01855	0.00018	0.07707	0.36319	3.54E-01	0.024534	0.000147	0.047852	4.26E-01	0.409674	0.024799	0.000109	0.052789	0.48737
829	490286.72	3860635.12	11.84053	17.33109	12.10205	24.23176	2.70E-01	0.01846	0.00018	0.07747	0.36633	3.57E-01	0.024418	0.000148	0.048098	4.30E-01	0.414003	0.024682	0.000109	0.053059	0.491854
830	490336.72	3860635.12	11.93604	17.09014	12.05022	24.02676	2.72E-01	0.01821	0.00018	0.07681	0.36759	3.60E-01	0.024079	0.000147	0.047691	4.32E-01	0.417343	0.024339	0.000109	0.052611	0.494401
831	490386.72	3860635.12	12.12155	16.9973	12.18722	23.47829	2.77E-01	0.01811	0.00018	0.07506	0.36998	3.66E-01	0.023948	0.000149	0.046602	4.37E-01	0.423829	0.024207	0.00011	0.05141	0.499556
832	490436.72	3860635.12	12.16272	17.15783	12.25558	23.11137	2.78E-01	0.01828	0.00018	0.07389	0.36991	3.67E-01	0.024174	0.00015	0.045874	4.37E-01	0.425269	0.024435	0.000111	0.050606	0.500421
833	490486.72	3860635.12	12.23089	17.55395	12.20207	23.43021	2.79E-01	0.0187	0.00018	0.07491	0.37291	3.69E-01	0.024732	0.000149	0.046507	4.41E-01	0.427652	0.024999	0.00011	0.051304	0.504066
834	490536.72	3860635.12	12.36623	17.83936	12.32773	23.53255	2.82E-01	0.01901	0.00019	0.07523	0.37663	3.73E-01	0.025135	0.000151	0.04671	4.45E-01	0.432385	0.025406	0.000112	0.051528	0.50943
835	490586.72	3860635.12	12.29206	17.90363	12.38691	23.79461	2.81E-01	0.01907	0.00019	0.07607	0.37585	3.71E-01	0.025225	0.000152	0.04723	4.44E-01	0.429791	0.025497	0.000112	0.052102	0.507503
836	490636.72	3860635.12	12.11068	17.85466	12.34357	23.98021	2.76E-01	0.01902	0.00019	0.07667	0.37225	3.66E-01	0.025156	0.000151	0.047598	4.38E-01	0.423449	0.025428	0.000112	0.052509	0.501497
837	490686.72	3860635.12	11.90129	17.65454	12.15553	23.88081	2.72E-01	0.01881	0.00018	0.07635	0.36694	3.59E-01	0.024874	0.000149	0.047401	4.32E-01	0.416128	0.025143	0.00011	0.052291	0.493672
838	490736.72	3860635.12	11.77305	17.30307	11.99391	23.49531	2.69E-01	0.01843	0.00018	0.07512	0.3624	3.55E-01	0.024379	0.000147	0.046636	4.26E-01	0.411644	0.024642	0.000109	0.051447	0.487842
839	490786.72	3860635.12	11.53074	16.83388	11.98342	22.87046	2.63E-01	0.01793	0.00018	0.07312	0.35437	3.48E-01	0.023718	0.000147	0.045395	4.17E-01	0.403172	0.023974	0.000108	0.050079	0.477333
840	490136.72	3860685.12	11.78464	16.89736	12.1417	23.21784	2.69E-01	0.018	0.00018	0.07423	0.36135	3.56E-01	0.023807	0.000149	0.046085	4.26E-01	0.412049	0.024064	0.00011	0.050839	0.487063
841	490186.72	3860685.12	11.78944	17.09109	11.90926	23.58949	2.69E-01	0.01821	0.00018	0.07542	0.36285	3.56E-01	0.02408	0.000146	0.046823	4.27E-01	0.412217	0.02434	0.000108	0.051653	0.488318
842	490236.72	3860685.12	11.49777	17.14424	11.73295	23.52648	2.62E-01	0.01826	0.00018	0.07521	0.35604	3.47E-01	0.024155	0.000144	0.046698	4.18E-01	0.402019	0.024416	0.000106	0.051515	0.478056
843	490286.72	3860685.12	11.47947	17.07558	11.82147	23.68272	2.62E-01	0.01819	0.00018	0.07571	0.35605	3.46E-01	0.024058	0.000145	0.047008	4.18E-01	0.401379	0.024318	0.000107	0.051857	0.477661
844	490336.72	3860685.12	11.63057	17.04248	11.91746	23.8153	2.65E-01	0.01816	0.00018	0.07614	0.35989	3.51E-01	0.024012	0.000146	0.047271	4.22E-01	0.406662	0.024271	0.000108	0.052148	0.483189
845	490386.72	3860685.12	11.71386	16.79113	11.86125	23.59742	2.67E-01	0.01789	0.00018	0.07544	0.36083	3.54E-01	0.023658	0.000145	0.046838	4.24E-01	0.409574	0.023913	0.000107	0.05167	0.485265
846	490436.72	3860685.12	11.86812	16.67849	11.96716	23.02495	2.71E-01	0.01777	0.00018	0.07361	0.3624	3.58E-01	0.023499	0.000146	0.045702	4.28E-01	0.414968	0.023753	0.000108	0.050417	0.489246
847	490486.72	3860685.12	11.89385	16.80769	12.02376	22.67405	2.71E-01	0.01791	0.00018	0.07249	0.362	3.59E-01	0.023681	0.000147	0.045006	4.28E-01	0.415868	0.023937	0.000109	0.049649	0.489562
848	490536.72	3860685.12	11.95241	17.19727	11.9764	22.97775	2.73E-01	0.01832	0.00018	0.07346	0.36473	3.61E-01	0.02423	0.000147	0.045608	4.31E-01	0.417915	0.024491	0.000108	0.050314	0.492829
849	490586.72	3860685.12	12.0664	17.45059	12.06413	23.06188	2.75E-01	0.01859	0.00018	0.07373	0.36787	3.64E-01	0.024587	0.000148	0.045775	4.35E-01	0.421901	0.024852	0.000109	0.050498	0.49736
850	490636.72	3860685.12	12.04785	17.57884	12.17369	23.33774	2.75E-01	0.01873	0.00018	0.07461	0.36846	3.64E-01	0.024767	0.000149	0.046323	4.35E-01	0.421252	0.025035	0.00011	0.051102	0.497499

851	490686.72	3860685.12	11.89255	17.55443	12.15115	23.54072	2.71E-01	0.0187	0.00018	0.07526	0.36554	3.59E-01	0.024733	0.000149	0.046726	4.31E-01	0.415822	0.025	0.00011	0.051546	0.492479
852	490736.72	3860685.12	11.66571	17.36065	11.96949	23.45546	2.66E-01	0.0185	0.00018	0.07499	0.35988	3.52E-01	0.02446	0.000146	0.046557	4.23E-01	0.407891	0.024724	0.000108	0.05136	0.484083
853	490786.72	3860685.12	11.59601	17.07872	11.82521	23.13157	2.65E-01	0.01819	0.00018	0.07395	0.35696	3.50E-01	0.024063	0.000145	0.045914	4.20E-01	0.405454	0.024323	0.000107	0.05065	0.480534
854	490136.72	3860735.12	11.44405	16.25564	12.02052	22.22515	2.61E-01	0.01732	0.00018	0.07105	0.34972	3.45E-01	0.022903	0.000147	0.044115	4.13E-01	0.400141	0.02315	0.000109	0.048666	0.472065
855	490186.72	3860735.12	11.45297	16.44091	11.81447	22.77708	2.61E-01	0.01752	0.00018	0.07282	0.35188	3.46E-01	0.023164	0.000145	0.04521	4.14E-01	0.400452	0.023414	0.000107	0.049874	0.473848
856	490236.72	3860735.12	11.36499	16.48428	11.50273	23.05003	2.59E-01	0.01756	0.00017	0.07369	0.35078	3.43E-01	0.023225	0.000141	0.045752	4.12E-01	0.397376	0.023476	0.000104	0.050472	0.471428
857	490286.72	3860735.12	11.16654	16.70872	11.4505	23.0269	2.55E-01	0.0178	0.00017	0.07362	0.34642	3.37E-01	0.023542	0.00014	0.045706	4.06E-01	0.390437	0.023796	0.000104	0.050421	0.464758
858	490336.72	3860735.12	11.27813	16.79304	11.63734	23.29493	2.57E-01	0.01789	0.00018	0.07447	0.34992	3.40E-01	0.02366	0.000142	0.046238	4.10E-01	0.394339	0.023916	0.000105	0.051008	0.469368
859	490386.72	3860735.12	11.40796	16.73315	11.71888	23.39407	2.60E-01	0.01783	0.00018	0.07479	0.35313	3.44E-01	0.023576	0.000143	0.046435	4.14E-01	0.398879	0.02383	0.000106	0.051225	0.47404
860	490436.72	3860735.12	11.53075	16.55111	11.70914	23.20959	2.63E-01	0.01763	0.00018	0.0742	0.35515	3.48E-01	0.023319	0.000143	0.046069	4.18E-01	0.403172	0.023571	0.000106	0.050821	0.47767
861	490486.72	3860735.12	11.66508	16.42574	11.7932	22.62364	2.66E-01	0.0175	0.00018	0.07233	0.35621	3.52E-01	0.023143	0.000144	0.044906	4.20E-01	0.407869	0.023393	0.000107	0.049538	0.480906
862	490536.72	3860735.12	11.65077	16.48982	11.81405	22.26109	2.66E-01	0.01757	0.00018	0.07117	0.35479	3.52E-01	0.023233	0.000145	0.044186	4.19E-01	0.407369	0.023484	0.000107	0.048744	0.479704
863	490586.72	3860735.12	11.6831	16.85186	11.75633	22.5368	2.67E-01	0.01795	0.00018	0.07205	0.3568	3.53E-01	0.023743	0.000144	0.044733	4.21E-01	0.408499	0.024	0.000106	0.049348	0.481953
864	490636.72	3860735.12	11.79677	17.10152	11.82683	22.62037	2.69E-01	0.01822	0.00018	0.07232	0.35993	3.56E-01	0.024095	0.000145	0.044899	4.25E-01	0.412473	0.024355	0.000107	0.049531	0.486467
865	490686.72	3860735.12	11.80348	17.2518	11.95788	22.88797	2.69E-01	0.01838	0.00018	0.07317	0.3611	3.56E-01	0.024307	0.000146	0.04543	4.26E-01	0.412708	0.024569	0.000108	0.050117	0.487502
866	490736.72	3860735.12	11.67392	17.25333	11.95611	23.1087	2.66E-01	0.01838	0.00018	0.07388	0.35885	3.52E-01	0.024309	0.000146	0.045868	4.23E-01	0.408178	0.024571	0.000108	0.0506	0.483458
867	490136.72	3860785.12	11.07645	15.59134	11.83081	21.11125	2.53E-01	0.01661	0.00018	0.06749	0.33706	3.34E-01	0.021967	0.000145	0.041904	3.98E-01	0.387287	0.022204	0.000107	0.046227	0.455825
868	490186.72	3860785.12	11.20234	15.94163	11.77325	21.88878	2.56E-01	0.01698	0.00018	0.06998	0.34279	3.38E-01	0.022461	0.000144	0.043447	4.04E-01	0.391689	0.022703	0.000107	0.047929	0.462428
869	490236.72	3860785.12	11.21834	16.13224	11.58405	22.41085	2.56E-01	0.01719	0.00017	0.07165	0.34502	3.39E-01	0.022729	0.000142	0.044483	4.06E-01	0.392249	0.022975	0.000105	0.049072	0.4644
870	490286.72	3860785.12	11.1269	16.1676	11.27934	22.65234	2.54E-01	0.01722	0.00017	0.07242	0.34374	3.36E-01	0.022779	0.000138	0.044963	4.04E-01	0.389051	0.023025	0.000102	0.049601	0.46178
871	490336.72	3860785.12	10.91544	16.39548	11.24378	22.59307	2.49E-01	0.01747	0.00017	0.07223	0.33897	3.29E-01	0.0231	0.000138	0.044845	3.98E-01	0.381658	0.02335	0.000102	0.049471	0.45458
872	490386.72	3860785.12	11.0818	16.51785	11.45716	22.91695	2.53E-01	0.0176	0.00017	0.07327	0.34393	3.34E-01	0.023273	0.00014	0.045488	4.03E-01	0.387475	0.023524	0.000104	0.05018	0.461282
873	490436.72	3860785.12	11.18383	16.42052	11.5173	22.97687	2.55E-01	0.01749	0.00017	0.07346	0.34635	3.38E-01	0.023135	0.000141	0.045607	4.06E-01	0.391042	0.023385	0.000104	0.050312	0.464843
874	490486.72	3860785.12	11.27937	16.20389	11.48665	22.76317	2.57E-01	0.01726	0.00017	0.07277	0.34761	3.40E-01	0.02283	0.000141	0.045183	4.09E-01	0.394383	0.023077	0.000104	0.049844	0.467407
875	490536.72	3860785.12	11.41292	16.10645	11.57	22.18281	2.60E-01	0.01716	0.00017	0.07092	0.3487	3.44E-01	0.022693	0.000142	0.044031	4.11E-01	0.399052	0.022938	0.000105	0.048573	0.470668
876	490586.72	3860785.12	11.40168	16.16367	11.59627	21.8467	2.60E-01	0.01722	0.00017	0.06984	0.34743	3.44E-01	0.022774	0.000142	0.043363	4.10E-01	0.398659	0.023019	0.000105	0.047837	0.46962
877	490636.72	3860785.12	11.42357	16.51865	11.54263	22.10726	2.61E-01	0.0176	0.00017	0.07068	0.34914	3.45E-01	0.023274	0.000141	0.043881	4.12E-01	0.399424	0.023525	0.000104	0.048408	0.471461
878	490686.72	3860785.12	11.54936	16.78057	11.60822	22.2033	2.64E-01	0.01788	0.00017	0.07098	0.3526	3.49E-01	0.023643	0.000142	0.044071	4.16E-01	0.403823	0.023898	0.000105	0.048618	0.476444
879	490736.72	3860785.12	11.56604	16.93335	11.74646	22.45085	2.64E-01	0.01804	0.00018	0.07178	0.35394	3.49E-01	0.023858	0.000144	0.044563	4.18E-01	0.404406	0.024116	0.000106	0.04916	0.477788
880	490086.72	3860835.12	10.65302	15.25172	11.5547	21.21294	2.43E-01	0.01625	0.00017	0.06782	0.32735	3.22E-01	0.021489	0.000141	0.042105	3.85E-01	0.372482	0.021721	0.000105	0.046449	0.440757
881	490136.72	3860835.12	10.74239	14.94143	11.59761	20.68223	2.45E-01	0.01592	0.00017	0.06612	0.32736	3.24E-01	0.021052	0.000142	0.041052	3.86E-01	0.375607	0.021279	0.000105	0.045287	0.442278
882	490186.72	3860835.12	10.89887	15.37573	11.64061	20.85701	2.49E-01	0.01638	0.00018	0.06668	0.33196	3.29E-01	0.021663	0.000142	0.041399	3.92E-01	0.381078	0.021897	0.000105	0.04567	0.448751
883	490236.72	3860835.12	10.99969	15.68347	11.56555	21.57928	2.51E-01	0.01671	0.00017	0.06899	0.33689	3.32E-01	0.022097	0.000142	0.042833	3.97E-01	0.384604	0.022336	0.000105	0.047251	0.454295
884	490286.72	3860835.12	11.01331	15.86664	11.38278	22.06934	2.51E-01	0.0169	0.00017	0.07056	0.33896	3.32E-01	0.022355	0.000139	0.043805	3.99E-01	0.38508	0.022596	0.000103	0.048324	0.456104
885	490336.72	3860835.12	10.90185	15.8993	11.06826	22.26813	2.49E-01	0.01694	0.00017	0.07119	0.33709	3.29E-01	0.022401	0.000135	0.0442	3.96E-01	0.381183	0.022643	0.0001	0.04876	0.452685
886	490386.72	3860835.12	10.69391	16.1118	11.05564	22.18293	2.44E-01	0.01716	0.00017	0.07092	0.33229	3.23E-01	0.022701	0.000135	0.044031	3.90E-01	0.373912	0.022946	0.0001	0.048573	0.445531
887	490436.72	3860835.12	10.85836	16.20018	11.24951	22.51272	2.48E-01	0.01726	0.00017	0.07197	0.3372	3.28E-01	0.022825	0.000138	0.044685	3.95E-01	0.379662	0.023071	0.000102	0.049295	0.45213
888	490486.72	3860835.12	10.96554	16.116	11.32001	22.56918	2.50E-01	0.01717	0.00017	0.07215	0.33974	3.31E-01	0.022706	0.000139	0.044797	3.99E-01	0.383409	0.022952	0.000102	0.049419	0.455882
889	490536.72	3860835.12	11.02375	15.85138	11.25826	22.31346	2.52E-01	0.01689	0.00017	0.07134	0.33996	3.33E-01	0.022334	0.000138	0.04429	3.99E-01	0.385445	0.022575	0.000102	0.048859	0.45698
890	490586.72	3860835.12	11.15428	15.77788	11.33886	21.73765	2.55E-01	0.01681	0.00017	0.0695	0.34103	3.37E-01	0.02223	0.000139	0.043147	4.02E-01	0.390009	0.02247	0.000103	0.047598	0.46018
891	490636.72	3860835.12	11.17348	15.86407	11.39625	21.45326	2.55E-01	0.0169	0.00017	0.06859	0.34065	3.37E-01	0.022351	0.000139	0.042582	4.02E-01	0.39068	0.022593	0.000103	0.046975	0.460351
892	490686.72	3860835.12	11.19953	16.23088	11.35965	21.71686	2.56E-01	0.01729	0.00017	0.06943	0.34247	3.38E-01	0.022868	0.000139	0.043106	4.04E-01	0.391591	0.023115	0.000103	0.047553	0.462362
893	490736.72	3860835.12	11.33994	16.50768	11.42332	21.82889	2.59E-01	0.01759	0.00017	0.06979	0.34633	3.42E-01	0.023258	0.00014	0.043328	4.09E-01	0.3965	0.023509	0.000103	0.047798	0.467911
894	490086.72	3860885.12	10.36707	15.17655	11.45757	21.1497	2.37E-01	0.01617	0.00017	0.06762	0.32054	3.13E-01	0.021383	0.00014	0.04198	3.76E-01	0.362484	0.021614	0.000104	0.046311	0.430512
895	490136.72	3860885.12	10.50986	14.96652	11.38304	20.82541	2.40E-01	0.01594	0.00017	0.06658	0.32254	3.17E-01	0.021087	0.000139	0.041336	3.80E-01	0.367477	0.021315	0.000103	0.045601	0.434495
896	490186.72	3860885.12	10.5541	14.74533	11.41345	20.22775	2.41E-01	0.01571	0.00017	0.06467	0.3214	3.19E-01	0.020775	0.00014	0.04015	3.80E-01	0.369024	0.021	0.000103	0.044292	0.434418
897	490236.72	3860885.12	10.72766	15.16732	11.4577	20.60973	2.45E-01	0.01616	0.00017	0.06589	0.32703	3.24E-01	0.02137	0.00014	0.040908	3.86E-01	0.375092	0.0216	0.000104	0.045128	0.441925
898	490286.72	3860885.12	10.81751	15.4544	11.37867	21.28962	2.47E-01	0.01646	0.00017	0.06806	0.33156	3.26E-01	0.021774	0.000139	0.042258	3.91E-01	0.378234	0.022009	0.000103	0.046617	0.446963
899	490336.72	3860885.12	10.79994	15.58848	11.17375	21.72001	2.46E-01	0.01661	0.00017	0.06944	0.33268	3.26E-01	0.021963	0.000137	0.043112	3.91E-01	0.377619	0.0222	0.000101	0.04756	0.44748
900	490386.72	3860885.12	10.69644	15.65897	10.87561	21.90282	2.44E-01	0.01668	0.00016	0.07002	0.33097	3.23E-01	0.022062	0.000133	0.043475	3.88E-01	0.374	0.022301	9.84E-05	0.04796	0.444359
901	490436.72	3860885.12	10.51324	15.87859	10.89926	21.82791	2.40E-01	0.01692	0.00016	0.06978	0.32679	3.17E-01	0.022372	0.000133	0.043326	3.83E-01	0.367595	0.022613	9.86E-05	0.047796	0.438103
902	490486.72	3860885.12	10.66633	15.93009	11.07172	22.14328	2.43E-01	0.01697	0.00017	0.07079	0.33134	3.22E-01	0.022444	0.000136	0.043952	3.88E-01	0.372948	0.022687	0.0001	0.048486	0.444221
903	490536.72	3860885.12	10.74965	15.81447	11.12373	22.16811	2.45E-01	0.01685	0.00017	0.07087	0.3332	3.24E-01	0.022282	0.000136	0.044001	3.91E-01	0.375861	0.022522	0.000101	0.048541	0.447024
904	490586.72	3860885.12	10.79316	15.55288	11.05303	21.89008	2.46E-01	0.01657	0.00017	0.06998	0.33303	3.26E-01	0.021913	0.000135	0.04345	3.91E-01	0.377382	0.02215	1E-04	0.047932	0.447564
905	490636.72	3860885.12	10.92327	15.48479	11.13242	21.32201	2.49E-01	0.0165	0.00017	0.06817	0.33411	3.30E-01	0.021817	0.000136	0.042322	3.94E-01	0.381932	0.022053	0.000101	0.046688	0.450773
906	490686.72	3860885.12	10.9556	15.57729	11.20406	21.07362	2.50E-01	0.0166	0.00017	0.06737	0.33415	3.31E-01	0.021947	0.000137	0.041829	3.95E-01	0.383062	0.022184	0.000101	0.046144	0.451492
907	490736.72	3860885.12	10.97044	15.93596	11.1695	21.32402	2.50E-01	0.01698	0.00017	0.06817	0.33567	3.31E-01	0.022453	0.000137	0.042326	3.96E-01	0.383581	0.022695	0.000101	0.046692	0.453069
908	490086.72	3860935.12	10.0077	14.97165	11.23314	20.8917	2.28E-01	0.01595	0.00017	0.06679	0.31129	3.02E-01	0.021094	0.000137	0.041468	3.65E-01	0.349919	0.021322	0.000102	0.045746	0.417088
909	490136.72	3860935.12	10.19803	14.85708	11.25557	20.75853	2.33E-01	0.01583	0.00017	0.06637	0.31509	3.08E-01	0.020933	0.000138	0.041204	3.70E-01	0.356574	0.021159	0.000102	0.045454	0.423288
910	490186.72	3860935.12	10.33308	14.63455	11.17876	20.40357	2.36E-01	0.01559	0.00017	0.06523	0.3168	3.12E-01	0.020619	0.000137	0.040499	3.73E-01	0.361296	0.020842	0.000101	0.044677	0.426915
911	490236.72	3860935.12	10.38456	14.55753	11.23756	19.78556	2.37E-01	0.01551	0.00017	0.06325	0.31592	3.13E-01	0.020511	0.000138	0.039272	3.73E-01	0.363096	0.020732	0.000102	0.043324	0.427253

912	490286.72	3860935.12	10.56073	14.96376	11.2799	20.36079	2.41E-01	0.01594	0.00017	0.06509	0.32221	3.19E-01	0.021083	0.000138	0.040414	3.80E-01	0.369255	0.021311	0.000102	0.044583	0.435251
913	490336.72	3860935.12	10.62806	15.21432	11.18525	20.99129	2.43E-01	0.01621	0.00017	0.06711	0.32603	3.21E-01	0.021436	0.000137	0.041666	3.84E-01	0.37161	0.021667	0.000101	0.045964	0.439342
914	490386.72	3860935.12	10.62259	15.3621	10.99968	21.40946	2.42E-01	0.01637	0.00017	0.06845	0.32739	3.21E-01	0.021644	0.000135	0.042496	3.85E-01	0.371418	0.021878	9.95E-05	0.04688	0.440275
915	490436.72	3860935.12	10.51329	15.44908	10.707	21.56402	2.40E-01	0.01646	0.00016	0.06894	0.32548	3.17E-01	0.021767	0.000131	0.042802	3.82E-01	0.367597	0.022002	9.69E-05	0.047218	0.436913
916	490486.72	3860935.12	10.32065	15.62409	10.72937	21.49232	2.36E-01	0.01665	0.00016	0.06871	0.32104	3.11E-01	0.022013	0.000131	0.04266	3.76E-01	0.360861	0.022251	9.71E-05	0.047061	0.43027
917	490536.72	3860935.12	10.47459	15.65964	10.89338	21.77844	2.39E-01	0.01668	0.00016	0.06963	0.32551	3.16E-01	0.022063	0.000133	0.043228	3.82E-01	0.366243	0.022302	9.85E-05	0.047688	0.436331
918	490586.72	3860935.12	10.54209	15.52492	10.93433	21.77597	2.41E-01	0.01654	0.00016	0.06962	0.3269	3.18E-01	0.021874	0.000134	0.043223	3.83E-01	0.368604	0.02211	9.89E-05	0.047682	0.438494
919	490636.72	3860935.12	10.57924	15.27611	10.86262	21.48783	2.41E-01	0.01627	0.00016	0.0687	0.32656	3.19E-01	0.021523	0.000133	0.042651	3.84E-01	0.369903	0.021755	9.83E-05	0.047051	0.438807
920	490686.72	3860935.12	10.71432	15.22007	10.94537	20.93457	2.45E-01	0.01621	0.00016	0.06693	0.32782	3.23E-01	0.021444	0.000134	0.041553	3.86E-01	0.374626	0.021676	9.9E-05	0.04584	0.44224
921	490736.72	3860935.12	10.74565	15.30047	11.01762	20.70557	2.45E-01	0.0163	0.00017	0.0662	0.32789	3.24E-01	0.021557	0.000135	0.041098	3.87E-01	0.375721	0.02179	9.97E-05	0.045338	0.442949
922	490786.72	3860935.12	10.74926	15.65091	10.98455	20.94241	2.45E-01	0.01667	0.00017	0.06695	0.3291	3.24E-01	0.022051	0.000134	0.041569	3.88E-01	0.375847	0.022289	9.94E-05	0.045857	0.444093
923	490836.72	3860935.12	10.88856	15.91525	11.01737	21.05696	2.48E-01	0.01696	0.00017	0.06732	0.33293	3.29E-01	0.022424	0.000135	0.041796	3.93E-01	0.380718	0.022666	9.97E-05	0.046108	0.449591
924	490086.72	3860985.12	9.62948	14.93015	10.9368	20.69901	2.20E-01	0.01591	0.00016	0.06618	0.302	2.91E-01	0.021036	0.000134	0.041085	3.53E-01	0.336694	0.021263	9.89E-05	0.045324	0.40338
925	490136.72	3860985.12	9.88813	14.70681	11.08117	20.58051	2.26E-01	0.01567	0.00017	0.0658	0.30729	2.98E-01	0.020721	0.000136	0.04085	3.60E-01	0.345738	0.020945	0.0001	0.045064	0.411847
926	490186.72	3860985.12	10.08989	14.63017	11.11798	20.43756	2.30E-01	0.01559	0.00017	0.06534	0.31135	3.05E-01	0.020613	0.000136	0.040566	3.66E-01	0.352792	0.020836	0.000101	0.044751	0.41848
927	490236.72	3860985.12	10.18477	14.34617	11.00479	20.00999	2.32E-01	0.01528	0.00017	0.06397	0.31185	3.07E-01	0.020213	0.000135	0.039718	3.67E-01	0.35611	0.020431	9.96E-05	0.043815	0.420456
928	490286.72	3860985.12	10.23241	14.37873	11.0705	19.35835	2.34E-01	0.01532	0.00017	0.06189	0.31089	3.09E-01	0.020259	0.000135	0.038424	3.68E-01	0.357776	0.020477	0.0001	0.042388	0.420742
929	490336.72	3860985.12	10.38712	14.74977	11.09622	20.10504	2.37E-01	0.01571	0.00017	0.06428	0.3172	3.13E-01	0.020781	0.000136	0.039906	3.74E-01	0.363185	0.021006	0.0001	0.044023	0.428315
930	490386.72	3860985.12	10.45948	15.00339	11.01281	20.71282	2.39E-01	0.01598	0.00017	0.06622	0.32106	3.16E-01	0.021139	0.000135	0.041113	3.78E-01	0.365715	0.021367	9.96E-05	0.045354	0.432536
931	490436.72	3860985.12	10.4534	15.14659	10.83367	21.10795	2.39E-01	0.01614	0.00016	0.06748	0.32234	3.15E-01	0.021341	0.000133	0.041897	3.79E-01	0.365503	0.021571	9.8E-05	0.046219	0.433391
932	490486.72	3860985.12	10.31893	15.22108	10.53874	21.21678	2.35E-01	0.01622	0.00016	0.06783	0.31969	3.11E-01	0.021446	0.000129	0.042113	3.75E-01	0.360801	0.021677	9.53E-05	0.046458	0.429031
933	490536.72	3860985.12	10.12867	15.36877	10.55884	21.15586	2.31E-01	0.01637	0.00016	0.06764	0.31531	3.06E-01	0.021654	0.000129	0.041992	3.69E-01	0.354148	0.021887	9.55E-05	0.046324	0.422456
934	490586.72	3860985.12	10.27489	15.37659	10.70646	21.40701	2.34E-01	0.01638	0.00016	0.06844	0.31946	3.10E-01	0.021665	0.000131	0.042491	3.74E-01	0.359261	0.021899	9.69E-05	0.046874	0.428131
935	490636.72	3860985.12	10.34788	15.25483	10.75673	21.40128	2.36E-01	0.01625	0.00016	0.06842	0.32098	3.12E-01	0.021493	0.000132	0.042479	3.76E-01	0.361813	0.021725	9.73E-05	0.046862	0.430497
936	490686.72	3860985.12	10.382	15.02132	10.68707	21.10851	2.37E-01	0.016	0.00016	0.06748	0.32057	3.13E-01	0.021164	0.000131	0.041898	3.77E-01	0.363006	0.021393	9.67E-05	0.046221	0.430716
937	490736.72	3860985.12	10.50654	14.95619	10.75797	20.55197	2.40E-01	0.01593	0.00016	0.06571	0.32157	3.17E-01	0.021072	0.000132	0.040794	3.79E-01	0.367361	0.0213	9.73E-05	0.045002	0.43376
938	490786.72	3860985.12	10.54235	15.03193	10.83584	20.34809	2.41E-01	0.01601	0.00016	0.06505	0.32182	3.18E-01	0.021179	0.000133	0.040389	3.80E-01	0.368613	0.021408	9.8E-05	0.044556	0.434674
939	490836.72	3860985.12	10.55089	15.39481	10.81909	20.58923	2.41E-01	0.0164	0.00016	0.06582	0.32317	3.18E-01	0.02169	0.000132	0.040867	3.81E-01	0.368911	0.021924	9.79E-05	0.045084	0.436017
940	490086.72	3861035.12	9.37415	14.7639	10.55435	20.58008	2.14E-01	0.01573	0.00016	0.0658	0.29561	2.83E-01	0.020801	0.000129	0.040849	3.45E-01	0.327767	0.021026	9.55E-05	0.045064	0.393952
941	490136.72	3861035.12	9.52715	14.65268	10.80372	20.33114	2.17E-01	0.01561	0.00016	0.065	0.29819	2.88E-01	0.020645	0.000132	0.040355	3.49E-01	0.333116	0.020868	9.77E-05	0.044518	0.3986
942	490186.72	3861035.12	9.77003	14.47167	10.93193	20.27092	2.23E-01	0.01542	0.00016	0.06481	0.30335	2.95E-01	0.02039	0.000134	0.040236	3.56E-01	0.341609	0.02061	9.89E-05	0.044387	0.406704
943	490236.72	3861035.12	9.94974	14.35659	10.94862	20.07712	2.27E-01	0.01529	0.00017	0.06419	0.30671	3.00E-01	0.020228	0.000134	0.039851	3.61E-01	0.347892	0.020446	9.9E-05	0.043962	0.412399
944	490286.72	3861035.12	10.03081	14.05155	10.82648	19.61607	2.29E-01	0.01497	0.00016	0.06271	0.30676	3.03E-01	0.019798	0.000133	0.038936	3.62E-01	0.350727	0.020011	9.79E-05	0.042953	0.413789
945	490336.72	3861035.12	10.08122	14.2003	10.90524	19.08953	2.30E-01	0.01513	0.00016	0.06103	0.30638	3.04E-01	0.020007	0.000133	0.037891	3.62E-01	0.352489	0.020223	9.87E-05	0.0418	0.414611
946	490386.72	3861035.12	10.24155	14.57491	10.94117	19.87726	2.34E-01	0.01553	0.00016	0.06355	0.31296	3.09E-01	0.020535	0.000134	0.039454	3.69E-01	0.358095	0.020757	9.9E-05	0.043525	0.422476
947	490436.72	3861035.12	10.31502	14.82615	10.86452	20.46182	2.35E-01	0.01579	0.00016	0.06542	0.31677	3.11E-01	0.020889	0.000133	0.040615	3.73E-01	0.360664	0.021115	9.83E-05	0.044805	0.426682
948	490486.72	3861035.12	10.27461	14.91581	10.6585	20.79659	2.34E-01	0.01589	0.00016	0.06649	0.31701	3.10E-01	0.021015	0.00013	0.041279	3.73E-01	0.359251	0.021242	9.64E-05	0.045538	0.426127
949	490536.72	3861035.12	10.12808	14.9965	10.37315	20.87687	2.31E-01	0.01598	0.00016	0.06674	0.31401	3.06E-01	0.021129	0.000127	0.041438	3.68E-01	0.354128	0.021357	9.38E-05	0.045713	0.421292
950	490586.72	3861035.12	9.94743	15.12773	10.39738	20.83261	2.27E-01	0.01612	0.00016	0.0666	0.30988	3.00E-01	0.021314	0.000127	0.041351	3.63E-01	0.347811	0.021544	9.41E-05	0.045616	0.415066
951	490636.72	3861035.12	10.09384	15.12103	10.53698	21.06046	2.30E-01	0.01611	0.00016	0.06733	0.31395	3.05E-01	0.021305	0.000129	0.041803	3.68E-01	0.352931	0.021535	9.53E-05	0.046115	0.420676
952	490686.72	3861035.12	10.14887	14.97753	10.57334	21.02258	2.32E-01	0.01596	0.00016	0.06721	0.31493	3.06E-01	0.021102	0.000129	0.041728	3.69E-01	0.354855	0.02133	9.57E-05	0.046032	0.422313
953	490736.72	3861035.12	10.1825	14.76343	10.50786	20.72883	2.32E-01	0.01573	0.00016	0.06627	0.31453	3.07E-01	0.020801	0.000129	0.041145	3.69E-01	0.356031	0.021025	9.51E-05	0.045389	0.42254
954	490786.72	3861035.12	10.31653	14.71466	10.58614	20.19393	2.35E-01	0.01568	0.00016	0.06456	0.31583	3.11E-01	0.020732	0.00013	0.040083	3.72E-01	0.360717	0.020956	9.58E-05	0.044218	0.425986
955	490836.72	3861035.12	10.35806	14.78739	10.67067	20.01349	2.36E-01	0.01575	0.00016	0.06398	0.31628	3.13E-01	0.020834	0.000131	0.039725	3.73E-01	0.362169	0.021059	9.65E-05	0.043823	0.427148
956	490086.72	3861085.12	9.24212	14.5016	10.14338	20.33036	2.11E-01	0.01545	0.00015	0.065	0.29151	2.79E-01	0.020432	0.000124	0.040354	3.40E-01	0.32315	0.020652	9.18E-05	0.044517	0.388411
957	490136.72	3861085.12	9.24273	14.5518	10.45741	20.28618	2.11E-01	0.0155	0.00016	0.06486	0.29144	2.79E-01	0.020503	0.000128	0.040266	3.40E-01	0.323172	0.020724	9.46E-05	0.04442	0.38841
958	490186.72	3861085.12	9.45817	14.43147	10.70718	20.01425	2.16E-01	0.01537	0.00016	0.06399	0.29536	2.85E-01	0.020333	0.000131	0.039726	3.46E-01	0.330704	0.020553	9.69E-05	0.043825	0.395178
959	490236.72	3861085.12	9.67305	14.26958	10.80601	19.98504	2.21E-01	0.0152	0.00016	0.06389	0.3	2.92E-01	0.020105	0.000132	0.039668	3.52E-01	0.338218	0.020322	9.78E-05	0.043761	0.402398
960	490286.72	3861085.12	9.82099	14.10067	10.7923	19.72637	2.24E-01	0.01502	0.00016	0.06307	0.30237	2.96E-01	0.019867	0.000132	0.039155	3.56E-01	0.34339	0.020081	9.76E-05	0.043194	0.406764
961	490336.72	3861085.12	9.88984	13.77849	10.66253	19.23794	2.26E-01	0.01468	0.00016	0.0615	0.30204	2.98E-01	0.019413	0.000131	0.038185	3.56E-01	0.345798	0.019623	9.65E-05	0.042125	0.407641
962	490386.72	3861085.12	9.96654	14.07214	10.77761	18.91607	2.27E-01	0.01499	0.00016	0.06048	0.30307	3.01E-01	0.019827	0.000132	0.037546	3.58E-01	0.34848	0.020041	9.75E-05	0.04142	0.410038
963	490436.72	3861085.12	10.09681	14.40021	10.78758	19.64843	2.30E-01	0.01534	0.00016	0.06282	0.30874	3.05E-01	0.020289	0.000132	0.039	3.64E-01	0.353034	0.020508	9.76E-05	0.043023	0.416663
964	490486.72	3861085.12	10.13953	14.60271	10.68612	20.17831	2.31E-01	0.01556	0.00016	0.06451	0.31162	3.06E-01	0.020574	0.000131	0.040052	3.67E-01	0.354528	0.020796	9.67E-05	0.044184	0.419605
965	490536.72	3861085.12	10.1006	14.69185	10.488	20.49255	2.31E-01	0.01565	0.00016	0.06552	0.31183	3.05E-01	0.0207	0.000128	0.040676	3.66E-01	0.353167	0.020923	9.49E-05	0.044872	0.419057
966	490586.72	3861085.12	9.94155	14.77588	10.21094	20.54005	2.27E-01	0.01574	0.00015	0.06567	0.30844	3.00E-01	0.020818	0.000125	0.04077	3.62E-01	0.347606	0.021043	9.24E-05	0.044976	0.413717
967	490636.72	3861085.12	9.77049	14.87426	10.22788	20.50276	2.23E-01	0.01585	0.00015	0.06555	0.30452	2.95E-01	0.020957	0.000125	0.040696	3.57E-01	0.341625	0.021183	9.25E-05	0.044894	0.407794
968	490686.72	3861085.12	9.90801	14.85827	10.36208	20.70741	2.26E-01	0.01583	0.00016	0.0662	0.3083	2.99E-01	0.020934	0.000127	0.041102	3.61E-01	0.346433	0.02116	9.37E-05	0.045342	0.413029
969	490736.72	3861085.12	9.96558	14.72309	10.40419	20.6652	2.27E-01	0.01569	0.00016	0.06607	0.30933	3.01E-01	0.020744	0.000127	0.041018	3.63E-01	0.348446	0.020968	9.41E-05	0.04525	0.414758
970	490786.72	3861085.12	10.00325	14.53192	10.34723	20.37673	2.28E-01	0.01548	0.00016	0.06514	0.30906	3.02E-01	0.020475	0.000127	0.040446	3.63E-01	0.349763	0.020696	9.36E-05	0.044618	0.41517
971	490836.72	3861085.12	10.13177	14.47931	10.41806	19.84604	2.31E-01	0.01543	0.00016	0.06345	0.31025	3.06E-01	0.0204	0.000128	0.039392	3.66E-01	0.354257	0.020621	9.42E-05	0.043456	0.418428
972	490086.72	3861135.12	9.10564	14.15128	10.04042	19.95822	2.08E-01	0.01508	0.00015	0.06381	0.28683	2.75E-01	0.019938	0.000123	0.039615	3.34E-01	0.318378	0.020153	9.08E-05	0.043702	0.382324

973	490136.72	3861135.12	9.11786	14.31582	10.02	20.06927	2.08E-01	0.01525	0.00015	0.06416	0.28764	2.75E-01	0.02017	0.000123	0.039835	3.35E-01	0.318805	0.020388	9.06E-05	0.043945	0.383229
974	490186.72	3861135.12	9.10332	14.32238	10.35143	19.96907	2.08E-01	0.01526	0.00016	0.06384	0.287	2.75E-01	0.020179	0.000127	0.039637	3.35E-01	0.318297	0.020397	9.36E-05	0.043726	0.382513
975	490236.72	3861135.12	9.35073	14.14606	10.57044	19.74095	2.13E-01	0.01507	0.00016	0.06311	0.29173	2.82E-01	0.019931	0.000129	0.039184	3.41E-01	0.326948	0.020146	9.56E-05	0.043226	0.390416
976	490286.72	3861135.12	9.56295	14.04705	10.66739	19.67932	2.18E-01	0.01496	0.00016	0.06292	0.29628	2.89E-01	0.019791	0.000131	0.039061	3.48E-01	0.334368	0.020005	9.65E-05	0.043091	0.397561
977	490336.72	3861135.12	9.69752	13.85433	10.64262	19.38703	2.21E-01	0.01476	0.00016	0.06198	0.29821	2.93E-01	0.01952	0.00013	0.038481	3.51E-01	0.339073	0.019731	9.63E-05	0.042451	0.401351
978	490386.72	3861135.12	9.76593	13.53135	10.52635	18.87995	2.23E-01	0.01442	0.00016	0.06036	0.2978	2.95E-01	0.019065	0.000129	0.037475	3.51E-01	0.341465	0.019271	9.52E-05	0.041341	0.402172
979	490436.72	3861135.12	9.83103	13.91361	10.62966	18.722	2.24E-01	0.01482	0.00016	0.05985	0.29919	2.97E-01	0.019603	0.00013	0.037161	3.54E-01	0.343741	0.019815	9.62E-05	0.040995	0.404648
980	490486.72	3861135.12	9.94831	14.21807	10.63082	19.4165	2.27E-01	0.01515	0.00016	0.06208	0.30441	3.00E-01	0.020032	0.00013	0.03854	3.59E-01	0.347842	0.020249	9.62E-05	0.042516	0.410703
981	490536.72	3861135.12	9.98005	14.4019	10.52381	19.91057	2.28E-01	0.01534	0.00016	0.06365	0.30691	3.01E-01	0.020291	0.000129	0.03952	3.61E-01	0.348952	0.02051	9.52E-05	0.043597	0.413155
982	490586.72	3861135.12	9.91289	14.4471	10.30427	20.17594	2.26E-01	0.01539	0.00016	0.0645	0.30627	2.99E-01	0.020355	0.000126	0.040047	3.60E-01	0.346604	0.020575	9.32E-05	0.044179	0.41145
983	490636.72	3861135.12	9.74157	14.53426	10.03627	20.18881	2.22E-01	0.01548	0.00015	0.06454	0.30249	2.94E-01	0.020478	0.000123	0.040073	3.55E-01	0.340613	0.020699	9.08E-05	0.044207	0.40561
984	490686.72	3861135.12	9.60997	14.64534	10.07406	20.19474	2.19E-01	0.0156	0.00015	0.06456	0.29962	2.90E-01	0.020634	0.000123	0.040084	3.51E-01	0.336012	0.020857	9.11E-05	0.04422	0.40118
985	490736.72	3861135.12	9.7501	14.63682	10.21377	20.39036	2.23E-01	0.01559	0.00015	0.06519	0.30344	2.94E-01	0.020622	0.000125	0.040473	3.55E-01	0.340912	0.020845	9.24E-05	0.044648	0.406497
986	490786.72	3861135.12	9.80295	14.49865	10.25417	20.33666	2.24E-01	0.01545	0.00015	0.06502	0.30433	2.96E-01	0.020428	0.000126	0.040366	3.57E-01	0.34276	0.020648	9.28E-05	0.04453	0.408031
987	490836.72	3861135.12	9.83197	14.31048	10.19322	20.0384	2.24E-01	0.01525	0.00015	0.06406	0.30384	2.97E-01	0.020163	0.000125	0.039774	3.57E-01	0.343774	0.02038	9.22E-05	0.043877	0.408124
988	490086.72	3861185.12	9.02703	13.73049	9.98828	19.48135	2.06E-01	0.01463	0.00015	0.06228	0.28306	2.72E-01	0.019345	0.000122	0.038668	3.31E-01	0.31563	0.019554	9.04E-05	0.042658	0.377932
989	490136.72	3861185.12	8.9452	13.97248	9.86873	19.71314	2.04E-01	0.01489	0.00015	0.06302	0.28219	2.70E-01	0.019686	0.000121	0.039129	3.29E-01	0.312768	0.019899	8.93E-05	0.043165	0.375922
990	490186.72	3861185.12	8.97341	14.09024	9.91242	19.77151	2.05E-01	0.01501	0.00015	0.06321	0.28315	2.71E-01	0.019852	0.000121	0.039244	3.30E-01	0.313755	0.020067	8.97E-05	0.043293	0.377204
991	490236.72	3861185.12	8.96394	14.05251	10.22103	19.61791	2.05E-01	0.01497	0.00015	0.06272	0.28241	2.71E-01	0.019799	0.000125	0.03894	3.29E-01	0.313424	0.020013	9.25E-05	0.042957	0.376486
992	490286.72	3861185.12	9.2449	13.87285	10.43634	19.46268	2.11E-01	0.01478	0.00016	0.06222	0.28814	2.79E-01	0.019546	0.000128	0.038631	3.37E-01	0.323247	0.019757	9.44E-05	0.042617	0.385716
993	490336.72	3861185.12	9.41782	13.77311	10.49317	19.33116	2.15E-01	0.01467	0.00016	0.0618	0.29156	2.84E-01	0.019405	0.000128	0.03837	3.42E-01	0.329294	0.019615	9.49E-05	0.042329	0.391332
994	490386.72	3861185.12	9.55222	13.57703	10.47167	19.0191	2.18E-01	0.01446	0.00016	0.0608	0.29342	2.88E-01	0.019129	0.000128	0.037751	3.45E-01	0.333993	0.019336	9.47E-05	0.041645	0.395069
995	490436.72	3861185.12	9.61952	13.36707	10.38515	18.50051	2.20E-01	0.01424	0.00016	0.05915	0.29307	2.90E-01	0.018833	0.000127	0.036722	3.46E-01	0.336346	0.019037	9.4E-05	0.04051	0.395987
996	490486.72	3861185.12	9.69162	13.74759	10.47841	18.52072	2.21E-01	0.01465	0.00016	0.05921	0.29519	2.93E-01	0.019369	0.000128	0.036762	3.49E-01	0.338867	0.019579	9.48E-05	0.040554	0.399095
997	490536.72	3861185.12	9.81969	14.06354	10.49442	19.20487	2.24E-01	0.01498	0.00016	0.0614	0.30063	2.96E-01	0.019815	0.000128	0.03812	3.54E-01	0.343345	0.020029	9.49E-05	0.042052	0.405521
998	490586.72	3861185.12	9.82485	14.20626	10.36599	19.64882	2.24E-01	0.01513	0.00016	0.06282	0.30232	2.97E-01	0.020016	0.000127	0.039001	3.56E-01	0.343525	0.020232	9.38E-05	0.043024	0.406875
999	490636.72	3861185.12	9.72425	14.20051	10.11966	19.8552	2.22E-01	0.01513	0.00015	0.06348	0.30067	2.93E-01	0.020008	0.000124	0.039411	3.53E-01	0.340008	0.020224	9.15E-05	0.043476	0.403799
1000	490686.72	3861185.12	9.56015	14.31728	9.8776	19.86034	2.18E-01	0.01525	0.00015	0.06349	0.29707	2.89E-01	0.020172	0.000121	0.039421	3.48E-01	0.33427	0.02039	8.94E-05	0.043488	0.398237
1001	490736.72	3861185.12	9.46457	14.43932	9.93468	19.90826	2.16E-01	0.01538	0.00015	0.06365	0.29517	2.86E-01	0.020344	0.000122	0.039516	3.46E-01	0.330928	0.020564	8.99E-05	0.043592	0.395174
1002	490786.72	3861185.12	9.60022	14.42716	10.07268	20.08537	2.19E-01	0.01537	0.00015	0.06421	0.29882	2.90E-01	0.020327	0.000123	0.039867	3.50E-01	0.335671	0.020546	9.11E-05	0.04398	0.400289
1003	490836.72	3861185.12	9.6467	14.2825	10.10949	20.01934	2.20E-01	0.01522	0.00015	0.064	0.29952	2.91E-01	0.020123	0.000124	0.039736	3.51E-01	0.337296	0.02034	9.15E-05	0.043836	0.401564
1004	490086.72	3861235.12	8.90938	13.24855	9.86795	18.91148	2.03E-01	0.01411	0.00015	0.06046	0.27804	2.69E-01	0.018666	0.000121	0.037537	3.25E-01	0.311516	0.018868	8.93E-05	0.04141	0.371883
1005	490136.72	3861235.12	8.8798	13.58701	9.83056	19.27913	2.03E-01	0.01447	0.00015	0.06164	0.2789	2.68E-01	0.019143	0.00012	0.038267	3.26E-01	0.310482	0.01935	8.89E-05	0.042215	0.372135
1006	490186.72	3861235.12	8.83238	13.81602	9.71501	19.48932	2.02E-01	0.01472	0.00015	0.06231	0.27874	2.67E-01	0.019466	0.000119	0.038684	3.25E-01	0.308824	0.019676	8.79E-05	0.042675	0.371263
1007	490236.72	3861235.12	8.83478	13.87163	9.81034	19.47367	2.02E-01	0.01478	0.00015	0.06226	0.2788	2.67E-01	0.019544	0.00012	0.038653	3.25E-01	0.308908	0.019755	8.88E-05	0.042641	0.371392
1008	490386.72	3861235.12	9.29103	13.52702	10.33927	19.00527	2.12E-01	0.01441	0.00016	0.06076	0.28736	2.80E-01	0.019059	0.000127	0.037723	3.37E-01	0.32486	0.019264	9.35E-05	0.041615	0.385834
1009	490436.72	3861235.12	9.40293	13.29703	10.29783	18.64867	2.15E-01	0.01417	0.00016	0.05962	0.28852	2.84E-01	0.018735	0.000126	0.037016	3.40E-01	0.328773	0.018937	9.32E-05	0.040834	0.388637
1010	490486.72	3861235.12	9.44381	13.18299	10.21607	18.08809	2.16E-01	0.01404	0.00015	0.05783	0.28754	2.85E-01	0.018574	0.000125	0.035903	3.40E-01	0.330202	0.018775	9.24E-05	0.039607	0.388676
1011	490536.72	3861235.12	9.56836	13.60304	10.34409	18.33722	2.18E-01	0.01449	0.00016	0.05862	0.29163	2.89E-01	0.019166	0.000127	0.036397	3.44E-01	0.334557	0.019373	9.36E-05	0.040152	0.394176
1012	490586.72	3861235.12	9.68135	13.89442	10.3488	18.98225	2.21E-01	0.0148	0.00016	0.06069	0.29658	2.92E-01	0.019576	0.000127	0.037678	3.50E-01	0.338508	0.019788	9.36E-05	0.041565	0.399954
1013	490636.72	3861235.12	9.63534	13.96091	10.17471	19.34915	2.20E-01	0.01487	0.00015	0.06186	0.29677	2.91E-01	0.01967	0.000125	0.038406	3.49E-01	0.336899	0.019882	9.2E-05	0.042368	0.399242
1014	490686.72	3861235.12	9.55575	13.98244	9.95446	19.55793	2.18E-01	0.0149	0.00015	0.06253	0.29564	2.88E-01	0.0197	0.000122	0.03882	3.47E-01	0.334116	0.019913	9.01E-05	0.042825	0.396945
1015	490736.72	3861235.12	9.40465	14.13663	9.74161	19.56565	2.15E-01	0.01506	0.00015	0.06255	0.29238	2.84E-01	0.019918	0.000119	0.038836	3.43E-01	0.328833	0.020133	8.81E-05	0.042842	0.391896
1016	490786.72	3861235.12	9.32992	14.24925	9.80552	19.63382	2.13E-01	0.01518	0.00015	0.06277	0.29101	2.82E-01	0.020076	0.00012	0.038971	3.41E-01	0.32622	0.020293	8.87E-05	0.042992	0.389593
1017	490836.72	3861235.12	9.45283	14.22054	9.93344	19.78614	2.16E-01	0.01515	0.00015	0.06326	0.29428	2.85E-01	0.020036	0.000122	0.039273	3.45E-01	0.330518	0.020252	8.99E-05	0.043325	0.394185
1018	490086.72	3861285.12	8.781	12.76071	9.79964	18.29834	2.00E-01	0.01359	0.00015	0.0585	0.27263	2.65E-01	0.017979	0.00012	0.03632	3.19E-01	0.307027	0.018173	8.87E-05	0.040067	0.365356
1019	490136.72	3861285.12	8.81719	13.20482	9.76635	18.80437	2.01E-01	0.01407	0.00015	0.06012	0.27555	2.66E-01	0.018605	0.00012	0.037325	3.22E-01	0.308293	0.018806	8.84E-05	0.041175	0.368362
1020	490186.72	3861285.12	8.75941	13.47982	9.69977	19.10848	2.00E-01	0.01436	0.00015	0.06109	0.27549	2.64E-01	0.018992	0.000119	0.037928	3.21E-01	0.306272	0.019197	8.78E-05	0.041841	0.367398
1021	490236.72	3861285.12	8.71544	13.6456	9.56998	19.24648	1.99E-01	0.01454	0.00014	0.06153	0.27511	2.63E-01	0.019226	0.000117	0.038202	3.21E-01	0.304735	0.019433	8.66E-05	0.042143	0.366398
1022	490386.72	3861285.12	9.00812	13.4141	10.14419	18.87299	2.06E-01	0.01429	0.00015	0.06034	0.28035	2.72E-01	0.0189	0.000124	0.037461	3.28E-01	0.314968	0.019104	9.18E-05	0.041326	0.375489
1023	490436.72	3861285.12	9.18843	13.31737	10.2116	18.7098	2.10E-01	0.01419	0.00015	0.05982	0.28384	2.77E-01	0.018763	0.000125	0.037137	3.33E-01	0.321273	0.018966	9.24E-05	0.040968	0.381299
1024	490486.72	3861285.12	9.28352	13.06204	10.15564	18.32001	2.12E-01	0.01392	0.00015	0.05857	0.2845	2.80E-01	0.018404	0.000124	0.036363	3.35E-01	0.324598	0.018602	9.19E-05	0.040115	0.383407
1025	490536.72	3861285.12	9.31603	13.06012	10.09371	17.73469	2.13E-01	0.01391	0.00015	0.0567	0.28336	2.81E-01	0.018401	0.000124	0.035202	3.35E-01	0.325734	0.0186	9.13E-05	0.038833	0.383258
1026	490586.72	3861285.12	9.41585	13.41664	10.18079	18.11897	2.15E-01	0.01429	0.00015	0.05793	0.28725	2.84E-01	0.018903	0.000125	0.035964	3.39E-01	0.329225	0.019107	9.21E-05	0.039674	0.388099
1027	490636.72	3861285.12	9.4706	13.6219	10.13137	18.67596	2.16E-01	0.01451	0.00015	0.05971	0.2905	2.86E-01	0.019192	0.000124	0.03707	3.42E-01	0.331139	0.0194	9.17E-05	0.040894	0.391524
1028	490686.72	3861285.12	9.47077	13.75055	10.00814	19.07549	2.16E-01	0.01465	0.00015	0.06098	0.29192	2.86E-01	0.019374	0.000122	0.037863	3.43E-01	0.331145	0.019583	9.05E-05	0.041769	0.392587
1029	490736.72	3861285.12	9.41777	13.80722	9.81871	19.29991	2.15E-01	0.01471	0.00015	0.0617	0.29148	2.84E-01	0.019453	0.00012	0.038308	3.42E-01	0.329292	0.019664	8.88E-05	0.04226	0.391304
1030	490786.72	3861285.12	9.24793	13.95277	9.60412	19.27054	2.11E-01	0.01486	0.00014	0.06161	0.28766	2.79E-01	0.019659	0.000118	0.03825	3.37E-01	0.323353	0.019871	8.69E-05	0.042196	0.385507
1031	490836.72	3861285.12	9.16862	14.01836	9.64974	19.32721	2.09E-01	0.01493	0.00015	0.06179	0.2861	2.77E-01	0.019751	0.000118	0.038362	3.35E-01	0.32058	0.019964	8.73E-05	0.04232	0.382952
1032	490061.24	3859716.13	14.98938	23.92434	16.53748	32.43175	3.42E-01	0.02549	0.00025	0.10369	0.47149	4.52E-01	0.033708	0.000202	0.064374	5.51E-01	0.524103	0.034072	0.00015	0.071015	0.629339
1033	490111.24	3859716.13	14.59939	23.38724	16.21521	31.23878	3.33E-01	0.02492	0.00024	0.09987	0.4582	4.41E-01	0.032951	0.000198	0.062006	5.36E-01	0.510467	0.033307	0.000147	0.068402	0.612323

1034	490161.24	3859716.13	14.44239	22.99807	15.67944	30.51351		3.30E-01	0.0245	0.00024	0.09755	0.45188		4.36E-01	0.032403	0.000192	0.060566	5.29E-01		0.504977	0.032753	0.000142	0.066814	0.604686			
1035	490211.24	3859716.13	14.18101	22.3723	15.35151	29.5888		3.24E-01	0.02383	0.00023	0.0946	0.44228		4.28E-01	0.031521	0.000188	0.058731	5.18E-01		0.495838	0.031861	0.000139	0.06479	0.592628			
1036	490061.24	3859766.13	15.68771	23.9744	16.31887	32.38972		3.58E-01	0.02554	0.00025	0.10355	0.48734		4.73E-01	0.033778	0.0002	0.06429	5.72E-01		0.54852	0.034143	0.000148	0.070923	0.653733			
1037	490111.24	3859766.13	14.85339	23.50714	16.23539	31.82788		3.39E-01	0.02504	0.00024	0.10175	0.46601		4.48E-01	0.03312	0.000199	0.063175	5.45E-01		0.519348	0.033478	0.000147	0.069692	0.622665			
1038	490161.24	3859766.13	14.21446	22.86603	15.93556	30.76721		3.24E-01	0.02436	0.00024	0.09836	0.44735		4.29E-01	0.032217	0.000195	0.06107	5.22E-01		0.497008	0.032565	0.000144	0.06737	0.597086			
1039	490211.24	3859766.13	14.12306	22.54565	15.45479	29.92522		3.22E-01	0.02402	0.00023	0.09567	0.44222		4.26E-01	0.031765	0.000189	0.059398	5.18E-01		0.493812	0.032108	0.00014	0.065526	0.591586			
1040	490061.24	3859816.13	16.10392	23.56788	15.79875	31.58152		3.68E-01	0.02511	0.00024	0.10097	0.49382		4.86E-01	0.033206	0.000193	0.062686	5.82E-01		0.563073	0.033564	0.000143	0.069153	0.665933			
1041	490111.24	3859816.13	15.44402	23.44003	15.95068	31.64829		3.52E-01	0.02497	0.00024	0.10118	0.47884		4.66E-01	0.033026	0.000195	0.062819	5.62E-01		0.539999	0.033382	0.000144	0.069299	0.642825			
1042	490161.24	3859816.13	14.6795	23.04697	15.90789	31.20598		3.35E-01	0.02455	0.00024	0.09977	0.45956		4.43E-01	0.032472	0.000195	0.061941	5.38E-01		0.513268	0.032822	0.000144	0.068331	0.614565			
1043	490211.24	3859816.13	13.84418	22.40239	15.66249	30.286		3.16E-01	0.02387	0.00024	0.09683	0.43686		4.18E-01	0.031564	0.000192	0.060115	5.10E-01		0.484061	0.031904	0.000142	0.066316	0.582423			
1044	490061.24	3859866.13	16.18499	22.79498	15.07753	30.08737		3.69E-01	0.02428	0.00023	0.09619	0.49006		4.88E-01	0.032117	0.000185	0.05972	5.80E-01		0.565907	0.032463	0.000136	0.065881	0.664388			
1045	490111.24	3859866.13	15.77843	22.99498	15.40935	30.76055		3.60E-01	0.0245	0.00023	0.09834	0.48315		4.76E-01	0.032398	0.000189	0.061056	5.70E-01		0.551692	0.032748	0.000139	0.067355	0.651935			
1046	490161.24	3859866.13	15.20836	22.94519	15.60667	30.92713		3.47E-01	0.02444	0.00024	0.09887	0.47062		4.59E-01	0.032328	0.000191	0.061387	5.53E-01		0.531759	0.032677	0.000141	0.06772	0.632298			
1047	490211.24	3859866.13	14.51492	22.6292	15.6064	30.59374		3.31E-01	0.02411	0.00024	0.09781	0.45339		4.38E-01	0.031883	0.000191	0.060725	5.31E-01		0.507513	0.032227	0.000141	0.06699	0.606872			
1048	490061.24	3859916.13	15.90535	21.69014	15.33246	29.3666		3.63E-01	0.02311	0.00023	0.09389	0.4802		4.80E-01	0.03056	0.000188	0.05829	5.69E-01		0.55613	0.03089	0.000139	0.064303	0.651461			
1049	490111.24	3859916.13	15.79273	22.21125	14.84545	29.22787		3.60E-01	0.02366	0.00022	0.09344	0.47773		4.77E-01	0.031294	0.000182	0.058014	5.66E-01		0.552192	0.031632	0.000134	0.063999	0.647958			
1050	490161.24	3859916.13	15.4608	22.45194	15.03874	29.96192		3.53E-01	0.02392	0.00023	0.09579	0.47276		4.67E-01	0.031633	0.000184	0.059471	5.58E-01		0.540586	0.031975	0.000136	0.065607	0.638303			
1051	490211.24	3859916.13	14.95236	22.43503	15.25477	30.20845		3.41E-01	0.0239	0.00023	0.09658	0.46193		4.51E-01	0.03161	0.000187	0.059961	5.43E-01		0.522808	0.031951	0.000138	0.066146	0.621044			
1052	490229.25	3859815.26	13.84501	22.31319	15.53771	29.84362		3.16E-01	0.02377	0.00023	0.09541	0.43537		4.18E-01	0.031438	0.00019	0.059236	5.09E-01		0.48409	0.031777	0.000141	0.065348	0.581355			
1053	490279.25	3859815.26	13.76255	21.9649	15.02967	29.13618		3.14E-01	0.0234	0.00023	0.09315	0.43085		4.15E-01	0.030947	0.000184	0.057832	5.04E-01		0.481207	0.031281	0.000136	0.063799	0.576422			
1054	490329.25	3859815.26	13.58369	21.41664	14.73298	28.33685		3.10E-01	0.02282	0.00022	0.09059	0.42362		4.10E-01	0.030175	0.00018	0.056246	4.97E-01		0.474953	0.0305	0.000133	0.062048	0.567635			
1055	490379.25	3859815.26	13.36303	21.20106	14.43081	27.74653		3.05E-01	0.02259	0.00022	0.08871	0.41647		4.03E-01	0.029871	0.000177	0.055074	4.88E-01		0.467238	0.030193	0.000131	0.060756	0.558317			
1056	490429.25	3859815.26	13.10873	21.4372	13.97059	28.07538		2.99E-01	0.02284	0.00021	0.08976	0.41196		3.96E-01	0.030204	0.000171	0.055727	4.82E-01		0.458346	0.03053	0.000126	0.061476	0.550478			
1057	490229.25	3859865.26	14.23275	22.44737	15.56024	30.36461		3.25E-01	0.02391	0.00023	0.09708	0.44603		4.30E-01	0.031627	0.00019	0.060271	5.22E-01		0.497647	0.031968	0.000141	0.066488	0.596245			
1058	490279.25	3859865.26	13.47277	21.83794	15.2826	29.40329		3.07E-01	0.02326	0.00023	0.094	0.42496		4.07E-01	0.030768	0.000187	0.058362	4.96E-01		0.471075	0.0311	0.000138	0.064383	0.566697			
1059	490329.25	3859865.26	13.44808	21.55078	14.82587	28.58593		3.07E-01	0.02296	0.00022	0.09139	0.42147		4.06E-01	0.030364	0.000181	0.05674	4.93E-01		0.470211	0.030691	0.000134	0.062594	0.563631			
1060	490379.25	3859865.26	13.3382	21.09503	14.49354	27.90563		3.04E-01	0.02247	0.00022	0.08922	0.4163		4.03E-01	0.029722	0.000177	0.05539	4.88E-01		0.466369	0.030042	0.000131	0.061104	0.557647			
1061	490429.25	3859865.26	13.15765	20.64253	14.24024	26.93682		3.00E-01	0.02199	0.00021	0.08612	0.40859		3.97E-01	0.029084	0.000174	0.053467	4.80E-01		0.460056	0.029398	0.000129	0.058983	0.548566			
1062	490229.25	3859915.26	14.73516	22.39045	15.29964	30.18874		3.36E-01	0.02385	0.00023	0.09651	0.45687		4.45E-01	0.031547	0.000187	0.059922	5.36E-01		0.515214	0.031887	0.000138	0.066103	0.613343			
1063	490279.25	3859915.26	14.05014	22.00212	15.24352	29.78454		3.21E-01	0.02344	0.00023	0.09522	0.43953		4.24E-01	0.031	0.000187	0.059119	5.14E-01		0.491262	0.031334	0.000138	0.065218	0.587953			
1064	490329.25	3859915.26	13.3044	21.41742	15.0159	28.94557		3.04E-01	0.02282	0.00023	0.09254	0.4192		4.02E-01	0.030176	0.000184	0.057454	4.89E-01		0.465188	0.030502	0.000136	0.063381	0.559206			
1065	490379.25	3859915.26	13.12683	21.14315	14.6213	28.02996		3.00E-01	0.02252	0.00022	0.08961	0.41192		3.96E-01	0.029789	0.000179	0.055637	4.82E-01		0.458979	0.030111	0.000132	0.061376	0.550598			
1066	490429.25	3859915.26	13.06084	20.73837	14.22671	27.45901		2.98E-01	0.02209	0.00021	0.08779	0.40815		3.94E-01	0.029219	0.000174	0.054503	4.78E-01		0.456672	0.029534	0.000129	0.060126	0.546461			
1067	490451.43	3859872.59	13.05355	20.64037	14.09363	26.97354		2.98E-01	0.02199	0.00021	0.08624	0.40633		3.94E-01	0.029081	0.000172	0.05354	4.77E-01		0.456417	0.029395	0.000128	0.059063	0.545002			
1068	490501.43	3859872.59	12.82158	20.87262	13.6414	27.31928		2.93E-01	0.02224	0.00021	0.08734	0.40238		3.87E-01	0.029408	0.000167	0.054226	4.71E-01		0.448306	0.029726	0.000123	0.05982	0.537975			
1069	490551.43	3859872.59	12.57335	20.97063	13.96936	27.33247		2.87E-01	0.02234	0.00021	0.08738	0.39687		3.79E-01	0.029546	0.000171	0.054252	4.63E-01		0.439626	0.029865	0.000126	0.059849	0.529467			
1070	490601.43	3859872.59	12.27705	20.86621	14.2842	27.00189		2.80E-01	0.02223	0.00022	0.08633	0.38894		3.71E-01	0.029399	0.000175	0.053596	4.54E-01		0.429266	0.029717	0.000129	0.059125	0.518237			
1071	490451.43	3859922.59	12.98645	20.54132	14.14622	27.16564		2.96E-01	0.02188	0.00021	0.08685	0.40531		3.92E-01	0.028941	0.000173	0.053921	4.75E-01		0.45407	0.029254	0.000128	0.059484	0.542936			
1072	490501.43	3859922.59	12.84002	20.08868	13.90321	26.2377		2.93E-01	0.0214	0.00021	0.08388	0.39851		3.88E-01	0.028304	0.00017	0.052079	4.68E-01		0.448951	0.028609	0.000126	0.057452	0.535137			
1073	490551.43	3859922.59	12.66426	20.4121	13.5261	26.64412		2.89E-01	0.02175	0.0002	0.08518	0.39614		3.82E-01	0.028759	0.000166	0.052886	4.64E-01		0.442805	0.02907	0.000122	0.058342	0.530339			
1074	490601.43	3859922.59	12.44732	20.57246	13.6108	26.76656		2.84E-01	0.02192	0.00021	0.08557	0.39175		3.76E-01	0.028985	0.000167	0.053129	4.58E-01		0.43522	0.029298	0.000123	0.05861	0.523251			
1075	482129.67	3852241.07	16.89834	24.0422	21.84378	31.17659		3.86E-01	0.02561	0.00033	0.09967	0.51125		5.10E-01	0.033874	0.000267	0.061882	6.06E-01		0.59085	0.03424	0.000198	0.068266	0.693553			
1076	482029.67	3852291.07	16.95277	27.2974	21.85175	32.22027		3.87E-01	0.02908	0.00033	0.10301	0.5193		5.12E-01	0.03846	0.000267	0.063954	6.14E-01		0.592753	0.038875	0.000198	0.070552	0.702377			
1077	482079.67	3852291.07	17.15053	26.50429	22.35463	31.21832		3.91E-01	0.02824	0.00034	0.09981	0.51977		5.18E-01	0.037343	0.000274	0.061965	6.17E-01		0.599667	0.037746	0.000202	0.068358	0.705973			
1078	482129.67	3852291.07	17.21408	25.43777	22.45107	31.17085		3.93E-01	0.0271	0.00034	0.09965	0.51993		5.20E-01	0.03584	0.000275	0.061871	6.18E-01		0.601889	0.036227	0.000203	0.068254	0.706573			
1079	482179.67	3852291.07	17.14891	24.20804	22.16894	31.65148		3.91E-01	0.02579	0.00033	0.10119	0.51867		5.18E-01	0.034108	0.000271	0.062825	6.15E-01		0.599611	0.034476	0.000201	0.069306	0.703593			
1080	482229.67	3852291.07	17.0484	23.16966	21.51387	31.96637		3.89E-01	0.02468	0.00032	0.1022	0.51626		5.15E-01	0.032645	0.000263	0.06345	6.11E-01		0.596096	0.032997	0.000195	0.069996	0.699284			
1081	482029.67	3852341.07	17.6454	28.04375	22.22436	33.19373		4.03E-01	0.02988	0.00033	0.10612	0.53901		5.33E-01	0.039512	0.000272	0.065886	6.38E-01		0.61697	0.039938	0.000201	0.072683	0.729793			
1082	482079.67	3852341.07	17.15193	27.58377	22.20239	32.61892		3.91E-01	0.02939	0.00033	0.10428	0.52543		5.18E-01	0.038864	0.000272	0.064745	6.22E-01		0.599716	0.039283	0.000201	0.071425	0.710625			
1083	482129.67	3852341.07	17.3687	26.72102	22.69242	31.6292		3.96E-01	0.02847	0.00034	0.10112	0.5263		5.24E-01	0.037648	0.000278	0.062781	6.25E-01		0.607296	0.038055	0.000205	0.069257	0.714813			
1084	482179.67	3852341.07	17.44568	25.61642	22.78537	31.54876		3.98E-01	0.02729	0.00034	0.10086	0.52662		5.27E-01	0.036092	0.000279	0.062621	6.26E-01		0.609987	0.036482	0.000206	0.069081	0.715756			
1085	482259.06	3852400.14	17.4472	24.91432	22.81687	31.91072		3.98E-01	0.02654	0.00034	0.10202	0.52706		5.27E-01	0.035103	0.000279	0.063339	6.25E-01		0.61004	0.035482	0.000206	0.069874	0.715602			
1086	482309.06	3852400.14	17.42769	23.89071	22.44794	32.78104		3.98E-01	0.02545	0.00034	0.1048	0.52831		5.26E-01	0.03366	0.000275	0.065067	6.25E-01		0.609358	0.034024	0.000203	0.07178	0.715365			
1087	482209.06	3852450.14	17.59271	27.53708	23.04196	32.86162		4.01E-01	0.02934	0.00035	0.10506	0.53622		5.31E-01	0.038798	0.000282	0.065227	6.35E-01		0.615128	0.039217	0.000208	0.071956	0.726509			
1088	482259.06	3852450.14	17.73626	26.42498	23.33071	32.4767		4.05E-01	0.02815	0.00035	0.10383	0.53709		5.35E-01	0.037231	0.000286	0.064463	6.37E-01		0.620147	0.037633	0.000211	0.071113	0.729105			
1089	482309.06	3852450.14	17.82265	25.23726	23.29418	32.60939		4.07E-01	0.02689	0.00035	0.10425	0.53822		5.38E-01	0.035558	0.000285	0.064726	6.38E-01		0.623168	0.035942	0.000211	0.071404	0.730724			
1090	482209.06	3852500.14	17.96847	28.71804	22.74073	34.17864		4.10E-01	0.03059	0.00034	0.10927	0.55026		5.42E-01	0.040462	0.000278	0.067841	6.51E-01		0.628267	0.040899	0.000206	0.07484	0.744211			
1091	482259.06	3852500.14	17.88509	27.88235	23.48431	33.33221		4.08E-01	0.0297	0.00035	0.10656	0.54477		5.40E-01	0.039284	0.000287	0.066161	6.46E-01		0.625351	0.039709	0.000212	0.072986	0.738259			
1092	482309.06	3852500.14	18.07979	26.76543	23.80814	32.99473		4.13E-01	0.02851	0.00036	0.10549	0.54695		5.46E-01	0.037711	0.000291	0.065491	6.49E-01		0.632159	0.038118	0.000215	0.072247	0.74274			
1093	482283.91	3852513.62	18.01341	27.71986	23.70344	33.13554		4.11E-01	0.02953	0.00036	0.10594	0.5469		5.44E-01	0.039056	0.00029	0.065771	6.49E-01		0.629838	0.039477	0.000214	0.072556	0.742085			
1094	482333.91	3852513.62	18.13012	26.46219	23.87313	33.0305		4.14E-01	0.02819	0.00036	0.1056	0.54789		5.47E-01	0.037284	0.000292	0.065562	6.50E-01		0.633919	0.037686	0.000216	0.072326	0.744146			

1095	482283.91	3852563.62	18.14623	28.96559	23.46014	34.61833	4.14E-01	0.03086	0.00035	0.11068	0.556	5.48E-01	0.040811	0.000287	0.068714	6.57E-01	0.634482	0.041251	0.000212	0.075803	0.751748
1096	482333.91	3852563.62	18.22522	27.87894	24.04134	33.51256	4.16E-01	0.0297	0.00036	0.10714	0.55312	5.50E-01	0.03928	0.000294	0.066519	6.56E-01	0.637244	0.039704	0.000217	0.073381	0.750546
1097	482383.91	3852563.62	18.27345	26.44632	24.11141	33.3786	4.17E-01	0.02817	0.00036	0.10671	0.55226	5.52E-01	0.037261	0.000295	0.066253	6.55E-01	0.63893	0.037663	0.000218	0.073088	0.7499
1098	482283.91	3852613.62	19.02634	30.23435	24.32674	35.47056	4.34E-01	0.03221	0.00037	0.1134	0.58017	5.74E-01	0.042598	0.000298	0.070405	6.88E-01	0.665255	0.043058	0.00022	0.077669	0.786202
1099	482333.91	3852613.62	18.41386	29.31179	23.89899	35.10432	4.20E-01	0.03123	0.00036	0.11223	0.56404	5.56E-01	0.041298	0.000293	0.069678	6.67E-01	0.64384	0.041744	0.000216	0.076867	0.762667
1100	482383.91	3852613.62	18.43188	28.00507	24.37266	33.87913	4.21E-01	0.02984	0.00037	0.10831	0.55915	5.56E-01	0.039457	0.000298	0.067247	6.63E-01	0.64447	0.039883	0.00022	0.074184	0.758757
1101	482602.38	3852600.87	18.24687	27.27099	24.14175	35.60407	4.16E-01	0.02905	0.00036	0.11383	0.55965	5.51E-01	0.038423	0.000295	0.07067	6.60E-01	0.638001	0.038838	0.000218	0.077961	0.755018
1102	482652.38	3852600.87	18.21282	27.3798	23.86352	35.33209	4.16E-01	0.02917	0.00036	0.11296	0.55812	5.50E-01	0.038576	0.000292	0.070131	6.59E-01	0.63681	0.038993	0.000216	0.077365	0.753384
1103	482702.38	3852600.87	18.20924	28.16897	23.3488	33.21979	4.16E-01	0.03001	0.00035	0.1062	0.55212	5.50E-01	0.039688	0.000286	0.065938	6.55E-01	0.636685	0.040117	0.000211	0.07274	0.749753
1104	482552.38	3852650.87	18.6874	26.87929	23.94354	35.11607	4.26E-01	0.02864	0.00036	0.11227	0.56773	5.64E-01	0.037871	0.000293	0.069702	6.72E-01	0.653404	0.03828	0.000217	0.076892	0.768793
1105	482602.38	3852650.87	18.64774	27.70135	24.36894	36.01337	4.26E-01	0.02951	0.00037	0.11514	0.57057	5.63E-01	0.039029	0.000298	0.071483	6.74E-01	0.652017	0.039451	0.00022	0.078857	0.770546
1106	482652.38	3852650.87	18.45125	27.4141	24.4482	36.50577	4.21E-01	0.02921	0.00037	0.11671	0.56736	5.57E-01	0.038625	0.000299	0.07246	6.68E-01	0.645147	0.039042	0.000221	0.079935	0.764345
1107	482702.38	3852650.87	18.33359	27.97387	24.09048	36.07037	4.18E-01	0.0298	0.00036	0.11532	0.56387	5.53E-01	0.039413	0.000295	0.071596	6.65E-01	0.641033	0.039839	0.000218	0.078982	0.760072
1108	482552.38	3852700.87	19.01466	27.02888	24.99954	35.16159	4.34E-01	0.0288	0.00038	0.11241	0.57551	5.74E-01	0.038082	0.000306	0.069792	6.82E-01	0.664847	0.038493	0.000226	0.076992	0.780558
1109	482602.38	3852700.87	18.92718	27.51484	24.29989	35.60614	4.32E-01	0.02931	0.00037	0.11383	0.57545	5.71E-01	0.038767	0.000297	0.070674	6.81E-01	0.661788	0.039185	0.00022	0.077966	0.779158
1110	482652.38	3852700.87	18.65048	27.59619	24.52697	37.13337	4.26E-01	0.0294	0.00037	0.11872	0.5741	5.63E-01	0.038881	0.0003	0.073706	6.76E-01	0.652113	0.039301	0.000222	0.08131	0.772946
1111	482702.38	3852700.87	18.55953	27.43171	24.62396	37.52943	4.24E-01	0.02922	0.00037	0.11998	0.57312	5.60E-01	0.03865	0.000301	0.074492	6.74E-01	0.648933	0.039067	0.000223	0.082177	0.770399
1112	482452.38	3852750.87	19.49109	30.80742	24.91512	36.81927	4.45E-01	0.03282	0.00038	0.11771	0.59571	5.88E-01	0.043406	0.000305	0.073082	7.05E-01	0.681505	0.043874	0.000225	0.080622	0.806226
1113	482521.29	3852749.74	19.31536	28.75038	25.68054	35.21055	4.41E-01	0.03063	0.00039	0.11257	0.58438	5.83E-01	0.040507	0.000314	0.069889	6.94E-01	0.67536	0.040945	0.000232	0.077099	0.793637
1114	482571.29	3852749.74	19.29014	27.08968	25.55423	35.14027	4.40E-01	0.02886	0.00039	0.11234	0.58181	5.82E-01	0.038168	0.000313	0.06975	6.90E-01	0.674479	0.03858	0.000231	0.076945	0.790235
1115	482521.29	3852799.74	19.4593	30.50951	25.64986	37.0136	4.44E-01	0.0325	0.00039	0.11833	0.5953	5.87E-01	0.042986	0.000314	0.073468	7.04E-01	0.680393	0.04345	0.000232	0.081047	0.805123
1116	482571.29	3852799.74	19.53369	28.80206	26.02435	35.64324	4.46E-01	0.03068	0.00039	0.11395	0.5908	5.90E-01	0.04058	0.000319	0.070748	7.01E-01	0.682994	0.041018	0.000235	0.078047	0.802295
1117	482621.29	3852799.74	19.49182	27.78409	25.855	35.56204	4.45E-01	0.0296	0.00039	0.11369	0.5885	5.88E-01	0.039146	0.000316	0.070587	6.98E-01	0.68153	0.039569	0.000234	0.077869	0.799202
1118	482571.29	3852849.74	19.78115	30.834	26.15538	37.58096	4.51E-01	0.03285	0.00039	0.12015	0.60481	5.97E-01	0.043443	0.00032	0.074594	7.15E-01	0.691647	0.043912	0.000237	0.08229	0.818085
1119	482621.29	3852849.74	19.8923	29.0746	26.54648	36.26085	4.54E-01	0.03097	0.0004	0.11593	0.60126	6.00E-01	0.040964	0.000325	0.071974	7.14E-01	0.695533	0.041406	0.00024	0.079399	0.816579
1120	482577.42	3852901.55	20.79683	32.72641	26.74992	38.70737	4.75E-01	0.03486	0.0004	0.12375	0.63362	6.28E-01	0.046109	0.000327	0.07683	7.51E-01	0.72716	0.046607	0.000242	0.084756	0.858765
1121	482627.42	3852901.55	20.17354	31.19879	26.87999	38.2037	4.60E-01	0.03324	0.00041	0.12214	0.61616	6.09E-01	0.043957	0.000329	0.07583	7.29E-01	0.705367	0.044432	0.000243	0.083653	0.833695
1122	482629.96	3852955.85	21.27163	33.37111	27.38449	39.45376	4.85E-01	0.03555	0.00041	0.12613	0.64753	6.42E-01	0.047018	0.000335	0.078312	7.68E-01	0.743761	0.047525	0.000248	0.086391	0.877925
1123	482679.96	3852955.85	20.61067	31.6505	27.48389	38.89885	4.70E-01	0.03372	0.00041	0.12436	0.62885	6.22E-01	0.044594	0.000336	0.07721	7.44E-01	0.720651	0.045075	0.000249	0.085175	0.85115
1124	482781.63	3853034.48	21.34632	31.24588	28.67279	39.1368	4.87E-01	0.03329	0.00043	0.12512	0.64598	6.44E-01	0.044023	0.000351	0.077682	7.66E-01	0.746373	0.044499	0.000259	0.085697	0.876827
1125	482831.63	3853034.48	21.3808	32.11342	28.55558	38.46028	4.88E-01	0.03421	0.00043	0.12296	0.64553	6.45E-01	0.045246	0.000349	0.07634	7.67E-01	0.747578	0.045734	0.000258	0.084215	0.877786
1126	482881.63	3853034.48	21.38607	32.64069	27.78034	39.3973	4.88E-01	0.03477	0.00042	0.12595	0.64919	6.45E-01	0.045989	0.00034	0.0782	7.70E-01	0.747763	0.046485	0.000251	0.086267	0.880766
1127	482781.63	3853084.48	22.13696	33.83176	28.76651	41.02636	5.05E-01	0.03604	0.00043	0.13116	0.67282	6.68E-01	0.047667	0.000352	0.081433	7.98E-01	0.774018	0.048181	0.00026	0.089834	0.912293
1128	482831.63	3853084.48	21.76988	32.3867	29.28985	39.67703	4.97E-01	0.0345	0.00044	0.12685	0.6586	6.57E-01	0.045631	0.000358	0.078755	7.82E-01	0.761183	0.046123	0.000265	0.086879	0.89445
1129	482881.63	3853084.48	21.75175	32.99451	29.06351	39.19967	4.96E-01	0.03515	0.00044	0.12532	0.6573	6.56E-01	0.046487	0.000356	0.077807	7.81E-01	0.760549	0.046989	0.000263	0.085834	0.893635
1130	482781.63	3853134.48	23.11633	36.21944	30.02155	41.73593	5.28E-01	0.03859	0.00045	0.13343	0.7	6.98E-01	0.051031	0.000367	0.082841	8.32E-01	0.808261	0.051582	0.000272	0.091388	0.951502
1131	482831.63	3853134.48	22.55039	34.18531	29.396	41.67967	5.15E-01	0.03642	0.00044	0.13325	0.68473	6.81E-01	0.048165	0.00036	0.08273	8.12E-01	0.788473	0.048685	0.000266	0.091265	0.928688
1132	482881.63	3853134.48	22.08797	33.33515	29.77202	40.3015	5.04E-01	0.03551	0.00045	0.12884	0.66887	6.67E-01	0.046967	0.000364	0.079994	7.94E-01	0.772305	0.047474	0.000269	0.088247	0.908295
1133	482831.63	3853184.48	23.56729	36.75199	30.63069	42.43718	5.38E-01	0.03915	0.00046	0.13567	0.71311	7.11E-01	0.051781	0.000375	0.084233	8.48E-01	0.824029	0.05234	0.000277	0.092923	0.96957
1134	482881.63	3853184.48	22.88135	34.35526	29.93432	42.35756	5.22E-01	0.0366	0.00045	0.13542	0.69464	6.91E-01	0.048404	0.000366	0.084075	8.23E-01	0.800045	0.048927	0.000271	0.092749	0.941992
1135	484154.84	3854250.98	38.78488	66.1676	47.40404	21.78444	8.85E-01	0.07049	0.00071	0.06965	1.02595	1.17E+00	0.093226	0.00058	0.04324	1.31E+00	1.356111	0.094232	0.000429	0.047701	1.498473
1136	484204.84	3854250.98	35.40735	56.57189	41.35186	20.45955	8.08E-01	0.06027	0.00062	0.06541	0.93433	1.07E+00	0.079706	0.000506	0.04061	1.19E+00	1.238016	0.080567	0.000374	0.0448	1.363756
1137	484154.84	3854300.98	40.3853	63.88907	51.53992	19.14474	9.22E-01	0.06806	0.00078	0.06121	1.05167	1.22E+00	0.090016	0.000631	0.038	1.35E+00	1.41207	0.090987	0.000466	0.041921	1.545444
1138	484204.84	3854300.98	37.8111	56.92185	45.97787	19.09304	8.63E-01	0.06064	0.00069	0.06104	0.98525	1.14E+00	0.080199	0.000563	0.037898	1.26E+00	1.322063	0.081065	0.000416	0.041807	1.445351
1139	484074.19	3854519.8	50.32379	55.36698	68.75344	19.20979	1.15E+00	0.05898	0.00104	0.06141	1.26986	1.52E+00	0.078009	0.000841	0.038129	1.64E+00	1.759568	0.078851	0.000622	0.042063	1.881104
1140	484124.19	3854519.8	48.07596	54.61624	64.85496	16.42023	1.10E+00	0.05819	0.00098	0.0525	1.20879	1.45E+00	0.076951	0.000794	0.032592	1.56E+00	1.680973	0.077782	0.000587	0.035955	1.795296
1141	484074.19	3854569.8	57.34582	56.28132	70.71809	21.90269	1.31E+00	0.05996	0.00107	0.07002	1.43973	1.73E+00	0.079297	0.000866	0.043475	1.85E+00	2.005093	0.080153	0.00064	0.04796	2.133846
1142	484124.19	3854569.8	51.57835	48.64239	64.81652	18.30403	1.18E+00	0.05182	0.00098	0.05852	1.28838	1.56E+00	0.068534	0.000793	0.036332	1.66E+00	1.803434	0.069274	0.000586	0.04008	1.913374
1143	485205.11	3855188.89	35.45308	107.0976	45.2327	19.10659	8.09E-01	0.1141	0.00068	0.06108	0.98493	1.07E+00	0.150894	0.000554	0.037925	1.26E+00	1.239615	0.152523	0.000409	0.041837	1.434384
1144	485255.11	3855188.89	31.68417	98.38026	40.41927	15.74539	7.23E-01	0.10481	0.00061	0.05034	0.87881	9.56E-01	0.138612	0.000495	0.031253	1.13E+00	1.107835	0.140108	0.000366	0.034477	1.282786
1145	485205.11	3855238.89	41.37309	103.5268	49.0136	19.85664	9.44E-01	0.11029	0.00074	0.06348	1.11868	1.25E+00	0.145863	0.0006	0.039413	1.43E+00	1.446608	0.147437	0.000443	0.043479	1.637968
1146	485255.11	3855238.89	35.06182	98.41183	44.79457	18.0717	8.00E-01	0.10484	0.00068	0.05778	0.96343	1.06E+00	0.138656	0.000548	0.03587	1.23E+00	1.225935	0.140153	0.000405	0.039571	1.406064
1147	485205.11	3855288.89	51.74832	106.6979	57.79286	23.93997	1.18E+00	0.11367	0.00087	0.07654	1.37202	1.56E+00	0.150331	0.000707	0.047518	1.76E+00	1.809377	0.151953	0.000523	0.052421	2.014274
1148	485255.11	3855288.89	43.12705	100.3487	51.39313	22.21973	9.84E-01	0.10691	0.00077	0.07104	1.16291	1.30E+00	0.141385	0.000629	0.044104	1.49E+00	1.507935	0.142911	0.000465	0.048654	1.699965
1149	485255.11	3855338.89	52.93439	101.3522	59.2942	26.6894	1.21E+00	0.10797	0.00089	0.08533	1.4022	1.60E+00	0.142799	0.000726	0.052976	1.79E+00	1.850848	0.14434	0.000536	0.058441	2.054166
1150	485305.11	3855338.89	44.00093	97.78759	52.26795	23.59132	1.00E+00	0.10418	0.00079	0.07542	1.18452	1.33E+00	0.137777	0.00064	0.046826	1.51E+00	1.53849	0.139264	0.000473	0.051657	1.729884
1151	485852.5	3855635.28	27.74202	57.8102	34.84455	11.96552	6.33E-01	0.06159	0.00053	0.03825	0.73346	8.37E-01	0.081451	0.000426	0.02375	9.43E-01	0.969998	0.08233	0.000315	0.0262	1.078844
1152	485902.5	3855635.28	26.29544	57.62901	32.62904	10.34147	6.00E-01	0.06139	0.00049	0.03306	0.69503	7.94E-01	0.081196	0.000399	0.020527	8.96E-01	0.919419	0.082072	0.000295	0.022644	1.02443
1153	485852.5	3855685.28	30.13269	55.1748	37.6315	13.70799	6.88E-01	0.05878	0.00057	0.04382	0.79082	9.09E-01	0.077738	0.000461	0.027209	1.01E+00	1.053588	0.078577	0.00034	0.030016	1.162521
1154	485902.5	3855685.28	27.96064	58.04229	34.91787	11.5579	6.38E-01	0.06183	0.00053	0.03695	0.7374	8.44E-01	0.081778	0.000427	0.022941	9.49E-01	0.977642	0.082661	0.000316	0.025308	1.085927
1155	485852.5	3855735.28	33.21656	54.96082	41.38307	16.76042	7.58E-01	0.05855	0.00062	0.05358	0.87079	1.00E+00	0.077436	0.000506	0.033268	1.11E+00	1.161415	0.078272	0.000374	0.0367	1.276761

1156	485902.5	3855735.28	30.38733	52.36113	38.06748	13.54017	6.93E-01	0.05578	0.00057	0.04329	0.79311	9.17E-01	0.073774	0.000466	0.026876	1.02E+00	1.062491	0.07457	0.000344	0.029648	1.167054
1157	485852.5	3855785.28	37.55496	57.05888	46.10517	21.54776	8.57E-01	0.06079	0.00069	0.06889	0.98741	1.13E+00	0.080392	0.000564	0.04277	1.26E+00	1.313107	0.08126	0.000417	0.047182	1.441967
1158	485902.5	3855785.28	33.36002	54.173	41.6268	16.20114	7.61E-01	0.05771	0.00063	0.0518	0.87144	1.01E+00	0.076326	0.000509	0.032158	1.12E+00	1.166431	0.07715	0.000377	0.035475	1.279433
1159	486809.46	3856465.28	31.71529	93.69885	40.729	14.07498	7.24E-01	0.09982	0.00061	0.045	0.8692	9.57E-01	0.132016	0.000498	0.027937	1.12E+00	1.108923	0.133441	0.000368	0.03082	1.273552
1160	486859.46	3856465.28	29.18212	103.4177	37.74794	13.98269	6.66E-01	0.11018	0.00057	0.0447	0.82141	8.81E-01	0.145709	0.000462	0.027754	1.05E+00	1.020351	0.147282	0.000341	0.030617	1.198592
1161	486909.46	3856465.28	27.09895	101.8732	35.63637	13.45281	6.18E-01	0.10853	0.00054	0.04301	0.7705	8.18E-01	0.143533	0.000436	0.026702	9.89E-01	0.947513	0.145082	0.000322	0.029457	1.122375
1162	486809.46	3856515.28	34.62997	93.50008	44.46038	15.55161	7.90E-01	0.09961	0.00067	0.04972	0.94028	1.05E+00	0.131736	0.000544	0.030868	1.21E+00	1.210835	0.133158	0.000402	0.034053	1.378448
1163	486859.46	3856515.28	31.92666	107.3337	40.94691	16.03382	7.29E-01	0.11435	0.00062	0.05126	0.89482	9.64E-01	0.151226	0.000501	0.031825	1.15E+00	1.116314	0.152859	0.00037	0.035109	1.304652
1164	486909.46	3856515.28	29.57269	109.7844	37.96618	15.94604	6.75E-01	0.11696	0.00057	0.05098	0.84338	8.93E-01	0.154679	0.000465	0.031651	1.08E+00	1.034007	0.156349	0.000343	0.034917	1.225616
1165	486980.94	3856357.95	22.21747	78.32309	30.16889	8.74093	5.07E-01	0.08344	0.00045	0.02794	0.61886	6.71E-01	0.110352	0.000369	0.01735	7.99E-01	0.776833	0.111544	0.000273	0.01914	0.907789
1166	487030.94	3856357.95	21.37849	81.78463	28.92234	8.68795	4.88E-01	0.08713	0.00044	0.02778	0.60321	6.45E-01	0.115229	0.000354	0.017245	7.78E-01	0.747498	0.116473	0.000262	0.019024	0.883256
1167	486980.94	3856407.95	23.25769	81.64731	31.60407	10.34975	5.31E-01	0.08698	0.00048	0.03309	0.65131	7.02E-01	0.115036	0.000387	0.020543	8.38E-01	0.813204	0.116278	0.000286	0.022662	0.95243
1168	487030.94	3856407.95	22.28324	86.17406	30.34857	10.14939	5.09E-01	0.0918	0.00046	0.03245	0.63323	6.73E-01	0.121414	0.000371	0.020145	8.14E-01	0.779132	0.122724	0.000275	0.022224	0.924355
1169	487447.18	3856437.45	16.55174	69.96758	22.74254	10.91081	3.78E-01	0.07454	0.00034	0.03488	0.48749	5.00E-01	0.09858	0.000278	0.021657	6.20E-01	0.578731	0.099644	0.000206	0.023891	0.702471
1170	487497.18	3856437.45	15.99289	72.23695	22.19908	10.81383	3.65E-01	0.07696	0.00033	0.03457	0.47683	4.83E-01	0.101777	0.000272	0.021464	6.06E-01	0.55919	0.102876	0.000201	0.023679	0.685946
1171	487547.18	3856437.45	15.58488	71.99416	21.65726	10.67965	3.56E-01	0.0767	0.00033	0.03414	0.46683	4.70E-01	0.101435	0.000265	0.021198	5.93E-01	0.544924	0.10253	0.000196	0.023385	0.671035
1172	487447.18	3856487.45	16.92699	75.40894	23.27586	11.99188	3.86E-01	0.08034	0.00035	0.03834	0.50531	5.11E-01	0.106246	0.000285	0.023803	6.41E-01	0.591851	0.107393	0.000211	0.026258	0.725713
1173	487497.18	3856487.45	16.34795	75.77877	22.68885	11.98532	3.73E-01	0.08073	0.00034	0.03832	0.49246	4.93E-01	0.106767	0.000278	0.02379	6.24E-01	0.571605	0.10792	0.000205	0.026244	0.705974
1174	487547.18	3856487.45	15.89236	76.95967	22.10143	11.99076	3.63E-01	0.08199	0.00033	0.03833	0.48333	4.80E-01	0.108431	0.000271	0.0238	6.12E-01	0.555675	0.109602	0.0002	0.026256	0.691733
1175	487447.18	3856537.45	17.5876	81.68445	23.89246	12.85271	4.01E-01	0.08702	0.00036	0.04109	0.52984	5.31E-01	0.115088	0.000292	0.025511	6.72E-01	0.614949	0.116331	0.000216	0.028143	0.759639
1176	487497.18	3856537.45	16.97365	81.17164	23.11744	12.91392	3.87E-01	0.08648	0.00035	0.04129	0.51546	5.12E-01	0.114366	0.000283	0.025633	6.53E-01	0.593483	0.1156	0.000209	0.028277	0.737569
1177	487547.18	3856537.45	16.40426	79.38183	22.42822	13.08885	3.74E-01	0.08457	0.00034	0.04185	0.50111	4.95E-01	0.111844	0.000275	0.02598	6.33E-01	0.573574	0.113051	0.000203	0.02866	0.715488
1178	489285.89	3858826.54	17.28148	34.95517	23.58494	45.01851	3.94E-01	0.03724	0.00036	0.14393	0.5759	5.22E-01	0.04925	0.000289	0.089357	6.60E-01	0.604246	0.049781	0.000213	0.098575	0.752816
1179	489335.89	3858826.54	16.64075	33.86559	23.20308	42.81217	3.80E-01	0.03608	0.00035	0.13687	0.55306	5.02E-01	0.047714	0.000284	0.084978	6.35E-01	0.581843	0.04823	0.00021	0.093744	0.724027
1180	489385.89	3858826.54	16.07382	32.419	22.48676	40.20649	3.67E-01	0.03454	0.00034	0.12854	0.53023	4.85E-01	0.045676	0.000275	0.079806	6.11E-01	0.56202	0.046169	0.000203	0.088039	0.696432
1181	489435.89	3858826.54	15.69567	31.81995	21.90504	39.1194	3.58E-01	0.0339	0.00033	0.12507	0.51748	4.74E-01	0.044832	0.000268	0.077648	5.96E-01	0.548798	0.045316	0.000198	0.085658	0.679971
1182	489485.89	3858826.54	15.30254	31.20362	22.01728	39.68498	3.49E-01	0.03324	0.00033	0.12687	0.50966	4.62E-01	0.043964	0.000269	0.078771	5.85E-01	0.535052	0.044439	0.000199	0.086897	0.666587
1183	489535.89	3858826.54	14.99303	30.79409	21.79168	38.73847	3.42E-01	0.03281	0.00033	0.12385	0.49914	4.53E-01	0.043387	0.000267	0.076892	5.73E-01	0.52423	0.043855	0.000197	0.084824	0.653107
1184	489585.89	3858826.54	14.67815	30.08396	21.2576	37.4793	3.35E-01	0.03205	0.00032	0.11982	0.48716	4.43E-01	0.042386	0.00026	0.074393	5.60E-01	0.513221	0.042844	0.000192	0.082067	0.638324
1185	489635.89	3858826.54	14.32751	30.44871	20.60064	36.37391	3.27E-01	0.03244	0.00031	0.11629	0.476	4.32E-01	0.0429	0.000252	0.072198	5.48E-01	0.500961	0.043363	0.000186	0.079647	0.624157
1186	489685.89	3858826.54	13.94174	30.9575	20.23021	36.26874	3.18E-01	0.03298	0.0003	0.11595	0.4674	4.21E-01	0.043617	0.000248	0.07199	5.37E-01	0.487472	0.044088	0.000183	0.079416	0.61116
1187	489735.89	3858826.54	13.52441	31.12257	19.63955	35.90629	3.09E-01	0.03316	0.0003	0.11479	0.45688	4.08E-01	0.04385	0.00024	0.07127	5.24E-01	0.47288	0.044323	0.000178	0.078623	0.596004
1188	489785.89	3858826.54	13.22609	30.93154	18.88812	35.3242	3.02E-01	0.03295	0.00028	0.11293	0.448	3.99E-01	0.043581	0.000231	0.070115	5.13E-01	0.462449	0.044051	0.000171	0.077348	0.58402
1189	489835.89	3858826.54	13.30357	30.49383	18.25062	34.61053	3.04E-01	0.03249	0.00028	0.11065	0.44701	4.02E-01	0.042964	0.000223	0.068698	5.13E-01	0.465159	0.043428	0.000165	0.075785	0.584537
1190	489885.89	3858826.54	13.34297	29.75079	18.14809	33.77765	3.04E-01	0.03169	0.00027	0.10799	0.44445	4.03E-01	0.041917	0.000222	0.067045	5.12E-01	0.466536	0.042369	0.000164	0.073962	0.583032
1191	489935.89	3858826.54	13.37042	28.81692	18.84352	32.88164	3.05E-01	0.0307	0.00028	0.10512	0.44123	4.04E-01	0.040601	0.000231	0.065267	5.10E-01	0.467496	0.04104	0.00017	0.072	0.580706
1192	489985.89	3858826.54	13.38572	28.0251	19.38355	31.94642	3.05E-01	0.02986	0.00029	0.10213	0.43775	4.04E-01	0.039486	0.000237	0.06341	5.07E-01	0.468031	0.039912	0.000175	0.069952	0.57807
1193	490035.89	3858826.54	13.40271	27.72132	19.77325	31.00258	3.06E-01	0.02953	0.0003	0.09912	0.43481	4.05E-01	0.039058	0.000242	0.061537	5.05E-01	0.468625	0.039479	0.000179	0.067885	0.576168
1194	489285.89	3858876.54	17.83175	34.83349	22.85336	45.78829	4.07E-01	0.03711	0.00034	0.14639	0.59078	5.38E-01	0.049078	0.00028	0.090885	6.78E-01	0.623486	0.049608	0.000207	0.100261	0.773562
1195	489335.89	3858876.54	17.14636	34.16646	22.9944	44.15326	3.91E-01	0.0364	0.00035	0.14116	0.5692	5.17E-01	0.048138	0.000281	0.08764	6.54E-01	0.599522	0.048658	0.000208	0.096681	0.745068
1196	489385.89	3858876.54	16.45426	33.31822	22.75091	42.32997	3.75E-01	0.0355	0.00034	0.13533	0.54667	4.97E-01	0.046943	0.000278	0.084021	6.28E-01	0.575322	0.04745	0.000206	0.092688	0.715667
1197	489435.89	3858876.54	15.93649	32.06762	22.15996	40.02657	3.64E-01	0.03416	0.00033	0.12797	0.52615	4.81E-01	0.045181	0.000271	0.079449	6.06E-01	0.557218	0.045669	0.0002	0.087645	0.690733
1198	489485.89	3858876.54	15.50955	31.0041	21.41126	38.41991	3.54E-01	0.03303	0.00032	0.12283	0.51012	4.68E-01	0.043683	0.000262	0.07626	5.88E-01	0.542291	0.044154	0.000194	0.084127	0.670765
1199	489535.89	3858876.54	15.15846	30.52089	21.42299	37.2632	3.46E-01	0.03252	0.00032	0.11913	0.4979	4.57E-01	0.043002	0.000262	0.073964	5.75E-01	0.530015	0.043466	0.000194	0.081594	0.655269
1200	489585.89	3858876.54	14.80129	30.07706	21.36742	38.20562	3.38E-01	0.03204	0.00032	0.12214	0.49229	4.47E-01	0.042377	0.000262	0.075834	5.65E-01	0.517526	0.042834	0.000193	0.083658	0.644211
1201	489635.89	3858876.54	14.52064	29.56223	20.98327	37.19043	3.31E-01	0.03149	0.00032	0.1189	0.48208	4.38E-01	0.041651	0.000257	0.073819	5.54E-01	0.507713	0.042101	0.00019	0.081435	0.631439
1202	489685.89	3858876.54	14.20584	28.92556	20.34585	35.95994	3.24E-01	0.03082	0.00031	0.11496	0.47028	4.29E-01	0.040754	0.000249	0.071377	5.41E-01	0.496706	0.041194	0.000184	0.07874	0.616825
1203	489735.89	3858876.54	13.85563	29.65846	19.9386	35.26974	3.16E-01	0.0316	0.0003	0.11276	0.46085	4.18E-01	0.041787	0.000244	0.070007	5.30E-01	0.484461	0.042238	0.00018	0.077229	0.604109
1204	489785.89	3858876.54	13.45992	30.01716	19.46635	35.15204	3.07E-01	0.03198	0.00029	0.11238	0.45182	4.06E-01	0.042292	0.000238	0.069773	5.19E-01	0.470625	0.042749	0.000176	0.076971	0.590521
1205	489835.89	3858876.54	13.04069	30.09929	18.81777	34.80943	2.98E-01	0.03207	0.00028	0.11129	0.44124	3.94E-01	0.042408	0.00023	0.069093	5.05E-01	0.455967	0.042866	0.00017	0.076221	0.575224
1206	489885.89	3858876.54	12.9823	29.81792	18.02967	34.25035	2.96E-01	0.03177	0.00027	0.1095	0.4378	3.92E-01	0.042012	0.000221	0.067983	5.02E-01	0.453925	0.042465	0.000163	0.074997	0.57155
1207	489935.89	3858876.54	13.06259	29.36161	17.7725	33.58074	2.98E-01	0.03128	0.00027	0.10736	0.43701	3.94E-01	0.041369	0.000218	0.066654	5.02E-01	0.456733	0.041815	0.000161	0.073531	0.572239
1208	489985.89	3858876.54	13.13021	28.69233	17.91476	32.81963	3.00E-01	0.03057	0.00027	0.10493	0.4354	3.96E-01	0.040426	0.000219	0.065144	5.02E-01	0.459097	0.040862	0.000162	0.071864	0.571985
1209	490035.89	3858876.54	13.17363	27.82591	18.59345	31.98522	3.01E-01	0.02964	0.00028	0.10226	0.43281	3.98E-01	0.039205	0.000228	0.063487	5.01E-01	0.460615	0.039628	0.000168	0.070037	0.570449
1210	489285.89	3858926.54	18.31911	34.61427	21.5744	46.30051	4.18E-01	0.03688	0.00033	0.14802	0.60328	5.53E-01	0.048769	0.000264	0.091902	6.94E-01	0.640527	0.049296	0.000195	0.101383	0.7914
1211	489335.89	3858926.54	17.68223	34.07977	22.12665	44.9304	4.04E-01	0.03631	0.00033	0.14364	0.58381	5.34E-01	0.048016	0.000271	0.089182	6.71E-01	0.618258	0.048535	0.0002	0.098383	0.765375
1212	489385.89	3858926.54	17.00682	33.32237	22.38696	43.17801	3.88E-01	0.0355	0.00034	0.13804	0.56199	5.13E-01	0.046949	0.000274	0.085704	6.46E-01	0.594642	0.047456	0.000203	0.094545	0.736846
1213	489435.89	3858926.54	16.3221	32.69403	22.26763	41.72716	3.72E-01	0.03483	0.00034	0.1334	0.54105	4.93E-01	0.046064	0.000273	0.082824	6.22E-01	0.570701	0.046561	0.000201	0.091369	0.708832
1214	489485.89	3858926.54	15.78563	31.66442	21.81248	39.74918	3.60E-01	0.03373	0.00033	0.12708	0.52138	4.76E-01	0.044613	0.000267	0.078898	6.00E-01	0.551944	0.045095	0.000197	0.087037	0.684273
1215	489535.89	3858926.54	15.31765	30.2988	21.05459	37.58231	3.50E-01	0.03228	0.00032	0.12015	0.50231	4.62E-01	0.042689	0.000258	0.074597	5.80E-01	0.535581	0.04315	0.00019	0.082293	0.661214
1216	489585.89	3858926.54	15.00612	29.89028	20.80723	36.7149	3.42E-01	0.03184	0.00031	0.11738	0.49199	4.53E-01	0.042114	0.000255	0.072875	5.68E-01	0.524688	0.042568	0.000188	0.080393	0.647838

1217	489635.89	3858926.54	14.64252	29.2728	20.87681	37.44106	3.34E-01	0.03119	0.00031	0.1197	0.48535	4.42E-01	0.041244	0.000256	0.074317	5.58E-01	0.511975	0.041689	0.000189	0.081983	0.635836
1218	489685.89	3858926.54	14.35271	28.96652	20.6597	36.7892	3.28E-01	0.03086	0.00031	0.11762	0.47633	4.33E-01	0.040812	0.000253	0.073023	5.47E-01	0.501842	0.041253	0.000187	0.080556	0.623837
1219	489735.89	3858926.54	14.06492	28.37215	20.14789	35.72301	3.21E-01	0.03023	0.0003	0.11421	0.46571	4.24E-01	0.039975	0.000247	0.070906	5.36E-01	0.491779	0.040406	0.000182	0.078221	0.610589
1220	489785.89	3858926.54	13.73522	28.19598	19.55132	34.42026	3.13E-01	0.03004	0.00029	0.11004	0.45382	4.15E-01	0.039726	0.000239	0.068321	5.23E-01	0.480251	0.040155	0.000177	0.075369	0.595952
1221	489835.89	3858926.54	13.38003	28.804	19.23026	34.21468	3.05E-01	0.03069	0.00029	0.10939	0.4457	4.04E-01	0.040583	0.000235	0.067913	5.13E-01	0.467832	0.041021	0.000174	0.074919	0.583946
1222	489885.89	3858926.54	12.98091	29.06527	18.68828	34.09789	2.96E-01	0.03096	0.00028	0.10901	0.43649	3.92E-01	0.040951	0.000229	0.067681	5.01E-01	0.453877	0.041393	0.000169	0.074663	0.570102
1223	489935.89	3858926.54	12.67537	29.07235	17.994	33.76569	2.89E-01	0.03097	0.00027	0.10795	0.42846	3.83E-01	0.040961	0.00022	0.067021	4.91E-01	0.443194	0.041403	0.000163	0.073936	0.558695
1224	489985.89	3858926.54	12.786	28.86039	17.3519	33.28365	2.92E-01	0.03075	0.00026	0.10641	0.4292	3.86E-01	0.040662	0.000212	0.066065	4.93E-01	0.447062	0.041101	0.000157	0.07288	0.5612
1225	490035.89	3858926.54	12.89903	28.47223	17.36679	32.67428	2.94E-01	0.03033	0.00026	0.10446	0.42942	3.89E-01	0.040116	0.000213	0.064855	4.94E-01	0.451014	0.040549	0.000157	0.071546	0.563265
1226	489335.89	3858976.54	18.15859	33.63564	21.22587	44.95648	4.14E-01	0.03583	0.00032	0.14373	0.59427	5.48E-01	0.04739	0.00026	0.089234	6.85E-01	0.634914	0.047902	0.000192	0.09844	0.781448
1227	489385.89	3858976.54	17.53711	33.33445	21.42641	43.97489	4.00E-01	0.03551	0.00032	0.14059	0.57664	5.29E-01	0.046966	0.000262	0.087286	6.64E-01	0.613184	0.047473	0.000194	0.09629	0.757141
1228	489435.89	3858976.54	16.87042	32.47217	21.74812	42.23646	3.85E-01	0.03459	0.00033	0.13503	0.55495	5.09E-01	0.045751	0.000266	0.083835	6.39E-01	0.589873	0.046245	0.000197	0.092484	0.728799
1229	489485.89	3858976.54	16.21137	31.99961	21.75659	41.00598	3.70E-01	0.03409	0.00033	0.1311	0.53547	4.89E-01	0.045085	0.000266	0.081393	6.16E-01	0.56683	0.045572	0.000197	0.089789	0.702388
1230	489535.89	3858976.54	15.63503	31.2037	21.44072	39.35636	3.57E-01	0.03324	0.00032	0.12582	0.51619	4.72E-01	0.043964	0.000262	0.078118	5.94E-01	0.546678	0.044439	0.000194	0.086177	0.677488
1231	489585.89	3858976.54	15.12752	30.01625	20.79835	37.29471	3.45E-01	0.03198	0.00031	0.11923	0.49675	4.57E-01	0.042291	0.000255	0.074026	5.73E-01	0.528933	0.042748	0.000188	0.081663	0.653532
1232	489635.89	3858976.54	14.83624	29.16699	20.22257	36.05459	3.39E-01	0.03107	0.0003	0.11527	0.48522	4.48E-01	0.041094	0.000248	0.071565	5.61E-01	0.518748	0.041538	0.000183	0.078948	0.639417
1233	489685.89	3858976.54	14.51434	28.76397	20.36111	37.08485	3.31E-01	0.03064	0.00031	0.11856	0.48074	4.38E-01	0.040527	0.000249	0.07361	5.52E-01	0.507493	0.040964	0.000184	0.081203	0.629845
1234	489735.89	3858976.54	14.16302	28.25701	20.25882	36.10614	3.23E-01	0.0301	0.00031	0.11543	0.46905	4.27E-01	0.039812	0.000248	0.071667	5.39E-01	0.495209	0.040242	0.000183	0.07906	0.614695
1235	489785.89	3858976.54	13.90275	27.82448	19.87192	35.22791	3.17E-01	0.02964	0.0003	0.11262	0.45984	4.20E-01	0.039203	0.000243	0.069924	5.29E-01	0.486109	0.039626	0.00018	0.077137	0.603052
1236	489835.89	3858976.54	13.60417	27.17524	19.26211	34.1536	3.10E-01	0.02895	0.00029	0.10919	0.44889	4.11E-01	0.038288	0.000236	0.067791	5.17E-01	0.475669	0.038702	0.000174	0.074785	0.58933
1237	489885.89	3858976.54	13.28869	27.52605	18.94184	33.16198	3.03E-01	0.02932	0.00029	0.10602	0.43889	4.01E-01	0.038782	0.000232	0.065823	5.06E-01	0.464638	0.039201	0.000171	0.072614	0.576624
1238	489935.89	3858976.54	12.93376	28.03614	18.54331	33.2677	2.95E-01	0.02987	0.00028	0.10636	0.43166	3.90E-01	0.039501	0.000227	0.066033	4.96E-01	0.452228	0.039928	0.000168	0.072845	0.565169
1239	489985.89	3858976.54	12.54285	28.25583	17.96264	33.16562	2.86E-01	0.0301	0.00027	0.10603	0.42264	3.79E-01	0.039811	0.00022	0.06583	4.84E-01	0.43856	0.04024	0.000163	0.072622	0.551585
1240	490035.89	3858976.54	12.58976	28.52828	17.35495	32.92838	2.87E-01	0.03039	0.00026	0.10527	0.42324	3.80E-01	0.040195	0.000212	0.065359	4.86E-01	0.4402	0.040628	0.000157	0.072102	0.553088
1241	489385.89	3859026.54	18.03303	32.67255	20.87644	43.55736	4.12E-01	0.03481	0.00031	0.13925	0.5859	5.44E-01	0.046034	0.000256	0.086457	6.77E-01	0.630524	0.04653	0.000189	0.095376	0.772619
1242	489435.89	3859026.54	17.39949	32.52555	20.71453	42.94476	3.97E-01	0.03465	0.00031	0.1373	0.56933	5.25E-01	0.045826	0.000254	0.085241	6.56E-01	0.608372	0.046321	0.000187	0.094035	0.748915
1243	489485.89	3859026.54	16.75508	31.90739	21.14645	41.56152	3.82E-01	0.03399	0.00032	0.13287	0.54955	5.06E-01	0.044955	0.000259	0.082495	6.33E-01	0.58584	0.045441	0.000191	0.091006	0.722478
1244	489535.89	3859026.54	16.10709	31.28733	21.24497	40.19786	3.68E-01	0.03333	0.00032	0.12851	0.52974	4.86E-01	0.044082	0.00026	0.079789	6.10E-01	0.563183	0.044558	0.000192	0.08802	0.695953
1245	489585.89	3859026.54	15.48437	30.68597	21.04266	38.85282	3.53E-01	0.03269	0.00032	0.12421	0.51059	4.67E-01	0.043235	0.000258	0.077119	5.88E-01	0.54141	0.043701	0.00019	0.085075	0.670376
1246	489635.89	3859026.54	15.00031	29.69343	20.52588	37.06822	3.42E-01	0.03163	0.00031	0.11851	0.49277	4.53E-01	0.041836	0.000251	0.073577	5.68E-01	0.524485	0.042288	0.000186	0.081167	0.648125
1247	489685.89	3859026.54	14.66184	28.42244	19.82096	35.2694	3.35E-01	0.03028	0.0003	0.11276	0.47793	4.43E-01	0.040045	0.000243	0.070006	5.53E-01	0.51265	0.040478	0.000179	0.077228	0.630536
1248	489735.89	3859026.54	14.35941	28.13293	19.78025	34.57702	3.28E-01	0.02997	0.0003	0.11054	0.46851	4.33E-01	0.039638	0.000242	0.068632	5.42E-01	0.502076	0.040065	0.000179	0.075712	0.618032
1249	489785.89	3859026.54	14.01097	27.57203	19.79579	33.54925	3.20E-01	0.02937	0.0003	0.10726	0.45667	4.23E-01	0.038847	0.000242	0.066592	5.29E-01	0.489893	0.039267	0.000179	0.073462	0.6028
1250	489835.89	3859026.54	13.74279	27.26194	19.58538	34.80166	3.14E-01	0.02904	0.0003	0.11126	0.45422	4.15E-01	0.03841	0.00024	0.069078	5.22E-01	0.480516	0.038825	0.000177	0.076204	0.595722
1251	489885.89	3859026.54	13.48696	26.8004	19.11881	34.02867	3.08E-01	0.02855	0.00029	0.10879	0.44541	4.07E-01	0.03776	0.000234	0.067543	5.13E-01	0.471571	0.038168	0.000173	0.074511	0.584423
1252	489935.89	3859026.54	13.19873	26.24691	18.62634	33.08416	3.01E-01	0.02796	0.00028	0.10577	0.43522	3.98E-01	0.03698	0.000228	0.065669	5.01E-01	0.461493	0.037379	0.000169	0.072443	0.571484
1253	489985.89	3859026.54	12.87719	26.93947	18.35092	32.29616	2.94E-01	0.0287	0.00028	0.10325	0.4261	3.89E-01	0.037956	0.000225	0.064105	4.91E-01	0.45025	0.038366	0.000166	0.070718	0.5595
1254	490035.89	3859026.54	12.59894	27.71566	18.02606	32.50771	2.88E-01	0.02953	0.00027	0.10393	0.42124	3.80E-01	0.03905	0.000221	0.064524	4.84E-01	0.440521	0.039471	0.000163	0.071181	0.551336
1255	489485.89	3859076.54	17.27714	31.72464	20.02932	41.85437	3.94E-01	0.0338	0.0003	0.13381	0.56219	5.21E-01	0.044698	0.000245	0.083077	6.49E-01	0.604094	0.045181	0.000181	0.091647	0.741103
1256	489535.89	3859076.54	16.63009	31.29548	20.53582	40.80099	3.80E-01	0.03334	0.00031	0.13044	0.5436	5.02E-01	0.044093	0.000251	0.080986	6.27E-01	0.58147	0.044569	0.000186	0.089341	0.715566
1257	489585.89	3859076.54	15.99497	30.57153	20.73749	39.28544	3.65E-01	0.03257	0.00031	0.1256	0.5235	4.83E-01	0.043073	0.000254	0.077978	6.04E-01	0.559263	0.043538	0.000188	0.086022	0.689011
1258	489635.89	3859076.54	15.36055	30.08221	20.60657	38.25994	3.51E-01	0.03205	0.00031	0.12232	0.50522	4.64E-01	0.042384	0.000252	0.075942	5.82E-01	0.537081	0.042841	0.000186	0.083776	0.663885
1259	489685.89	3859076.54	14.89008	29.25646	20.19463	36.75595	3.40E-01	0.03117	0.0003	0.11751	0.48879	4.49E-01	0.04122	0.000247	0.072957	5.64E-01	0.520631	0.041665	0.000183	0.080483	0.642962
1260	489735.89	3859076.54	14.49426	28.14471	19.52981	34.8911	3.31E-01	0.02998	0.00029	0.11155	0.4726	4.37E-01	0.039654	0.000239	0.069255	5.47E-01	0.506791	0.040082	0.000177	0.0764	0.62345
1261	489785.89	3859076.54	14.20631	27.45077	19.18013	33.95695	3.24E-01	0.02924	0.00029	0.10856	0.46229	4.29E-01	0.038676	0.000235	0.067401	5.35E-01	0.496723	0.039094	0.000174	0.074354	0.610345
1262	489835.89	3859076.54	13.89562	27.10637	19.33857	33.15063	3.17E-01	0.02888	0.00029	0.10598	0.45226	4.19E-01	0.038191	0.000237	0.065801	5.24E-01	0.48586	0.038603	0.000175	0.072589	0.597227
1263	489885.89	3859076.54	13.57158	26.62126	19.2426	34.18307	3.10E-01	0.02836	0.00029	0.10928	0.44765	4.10E-01	0.037508	0.000236	0.06785	5.15E-01	0.47453	0.037913	0.000174	0.07485	0.587466
1264	489935.89	3859076.54	13.34335	26.31569	18.89669	33.6377	3.05E-01	0.02804	0.00028	0.10754	0.44037	4.03E-01	0.037077	0.000231	0.066767	5.07E-01	0.466549	0.037477	0.000171	0.073655	0.577853
1265	489985.89	3859076.54	13.09201	25.84391	18.3673	32.97876	2.99E-01	0.02753	0.00028	0.10543	0.43201	3.95E-01	0.036412	0.000225	0.065459	4.97E-01	0.457761	0.036806	0.000166	0.072212	0.566946
1266	490035.89	3859076.54	12.86362	26.03947	18.2177	32.53624	2.94E-01	0.02774	0.00027	0.10402	0.42559	3.88E-01	0.036688	0.000223	0.064581	4.90E-01	0.449776	0.037084	0.000165	0.071243	0.558268
1267	489585.89	3859126.54	16.53174	30.62237	19.91342	39.9771	3.77E-01	0.03262	0.0003	0.12781	0.538	4.99E-01	0.043145	0.000244	0.07935	6.22E-01	0.578031	0.043611	0.00018	0.087536	0.709359
1268	489635.89	3859126.54	15.91586	29.89374	20.16952	38.60536	3.63E-01	0.03185	0.0003	0.12342	0.51879	4.80E-01	0.042118	0.000247	0.076628	5.99E-01	0.556497	0.042573	0.000182	0.084533	0.683786
1269	489685.89	3859126.54	15.28684	29.42832	20.14784	37.57591	3.49E-01	0.03135	0.0003	0.12013	0.50064	4.61E-01	0.041463	0.000247	0.074584	5.78E-01	0.534503	0.04191	0.000182	0.082279	0.658875
1270	489735.89	3859126.54	14.77944	28.78541	19.84857	36.33637	3.37E-01	0.03067	0.0003	0.11617	0.48441	4.46E-01	0.040557	0.000243	0.072124	5.59E-01	0.516762	0.040995	0.00018	0.079565	0.637501
1271	489785.89	3859126.54	14.31793	27.84458	19.29423	34.70808	3.27E-01	0.02966	0.00029	0.11096	0.46766	4.32E-01	0.039231	0.000236	0.068892	5.40E-01	0.500626	0.039655	0.000175	0.075999	0.616454
1272	489835.89	3859126.54	14.05407	26.76697	18.75794	33.23232	3.21E-01	0.02852	0.00028	0.10624	0.45577	4.24E-01	0.037713	0.00023	0.065963	5.28E-01	0.4914	0.03812	0.00017	0.072768	0.602457
1273	489885.89	3859126.54	13.77362	26.60665	18.86562	34.59423	3.14E-01	0.02835	0.00028	0.1106	0.45355	4.16E-01	0.037487	0.000231	0.068666	5.22E-01	0.481594	0.037892	0.000171	0.07575	0.595406
1274	489935.89	3859126.54	13.45431	26.14576	18.86872	33.80162	3.07E-01	0.02785	0.00028	0.10806	0.44324	4.06E-01	0.036838	0.000231	0.067093	5.10E-01	0.470429	0.037235	0.000171	0.074014	0.58185
1275	489985.89	3859126.54	13.22454	25.88541	18.70607	33.55707	3.02E-01	0.02758	0.00028	0.10728	0.43694	3.99E-01	0.036471	0.000229	0.066607	5.02E-01	0.462395	0.036865	0.000169	0.073479	0.572908
1276	490035.89	3859126.54	13.02694	25.60573	18.32479	33.2596	2.97E-01	0.02728	0.00028	0.10633	0.43117	3.93E-01	0.036077	0.000224	0.066017	4.95E-01	0.455486	0.036466	0.000166	0.072827	0.564946
1277	489585.89	3859176.54	17.06926	30.08487	19.34587	39.51937	3.90E-01	0.03205	0.00029	0.12634	0.54822	5.15E-01	0.042388	0.000237	0.078442	6.36E-01	0.596826	0.042845	0.000175	0.086534	0.72638

1278	489635.89	3859176.54	16.44579	29.91267	19.28768	39.08653		3.75E-01	0.03187	0.00029	0.12496	0.53242		4.96E-01	0.042145	0.000236	0.077583	6.16E-01		0.575026	0.0426	0.000174	0.085586	0.703387			
1279	489685.89	3859176.54	15.83098	29.33727	19.61183	38.01367		3.61E-01	0.03125	0.0003	0.12153	0.51436		4.78E-01	0.041334	0.00024	0.075453	5.95E-01		0.553529	0.041781	0.000177	0.083237	0.678725			
1280	489735.89	3859176.54	15.22011	28.72379	19.6669	36.81929		3.47E-01	0.0306	0.0003	0.11771	0.49594		4.59E-01	0.04047	0.000241	0.073082	5.73E-01		0.53217	0.040907	0.000178	0.080622	0.653877			
1281	489785.89	3859176.54	14.6564	28.28003	19.48611	35.83629		3.34E-01	0.03013	0.00029	0.11457	0.47946		4.42E-01	0.039845	0.000238	0.071131	5.54E-01		0.51246	0.040275	0.000176	0.07847	0.631381			
1282	489835.89	3859176.54	14.21232	27.52028	19.04736	34.44456		3.24E-01	0.02932	0.00029	0.11012	0.46406		4.29E-01	0.038774	0.000233	0.068369	5.36E-01		0.496933	0.039193	0.000172	0.075422	0.61172			
1283	489885.89	3859176.54	13.89809	26.53163	18.40257	32.73624		3.17E-01	0.02827	0.00028	0.10466	0.45037		4.19E-01	0.037381	0.000225	0.064978	5.22E-01		0.485946	0.037785	0.000166	0.071681	0.595579			
1284	489935.89	3859176.54	13.63596	26.012	18.34195	32.06256		3.11E-01	0.02771	0.00028	0.1025	0.44168		4.12E-01	0.036649	0.000224	0.063641	5.12E-01		0.476781	0.037045	0.000166	0.070206	0.584198			
1285	489985.89	3859176.54	13.37903	25.82431	18.52152	33.83433		3.05E-01	0.02751	0.00028	0.10817	0.44128		4.04E-01	0.036385	0.000227	0.067158	5.08E-01		0.467797	0.036778	0.000168	0.074086	0.578828			
1286	490035.89	3859176.54	13.05673	25.27842	18.39447	32.92908		2.98E-01	0.02693	0.00028	0.10528	0.43045		3.94E-01	0.035616	0.000225	0.065361	4.95E-01		0.456528	0.036	0.000166	0.072104	0.564798			
1287	489685.89	3859226.54	16.34729	29.198	18.67324	38.14465		3.73E-01	0.03111	0.00028	0.12195	0.5264		4.93E-01	0.041138	0.000229	0.075713	6.10E-01		0.571582	0.041582	0.000169	0.083524	0.696857			
1288	489735.89	3859226.54	15.73247	28.75083	19.05347	37.34692		3.59E-01	0.03063	0.00029	0.1194	0.50934		4.75E-01	0.040508	0.000233	0.07413	5.90E-01		0.550085	0.040945	0.000172	0.081777	0.67298			
1289	489785.89	3859226.54	15.15077	28.05835	19.20993	35.99064		3.46E-01	0.02989	0.00029	0.11506	0.491		4.57E-01	0.039532	0.000235	0.071438	5.68E-01		0.529746	0.039959	0.000174	0.078807	0.648686			
1290	489835.89	3859226.54	14.54254	27.78093	19.13806	35.24907		3.32E-01	0.0296	0.00029	0.11269	0.47445		4.39E-01	0.039142	0.000234	0.069966	5.48E-01		0.508479	0.039564	0.000173	0.077184	0.6254			
1291	489885.89	3859226.54	14.10303	27.17519	18.79242	34.087		3.22E-01	0.02895	0.00028	0.10898	0.46005		4.26E-01	0.038288	0.00023	0.067659	5.32E-01		0.493112	0.038701	0.00017	0.074639	0.606622			
1292	489935.89	3859226.54	13.73006	26.32204	18.2387	32.58658		3.13E-01	0.02804	0.00027	0.10418	0.44583		4.14E-01	0.037086	0.000223	0.064681	5.16E-01		0.480071	0.037486	0.000165	0.071354	0.589076			
1293	489985.89	3859226.54	13.5321	25.56929	17.91732	33.93299		3.09E-01	0.02724	0.00027	0.10848	0.44481		4.08E-01	0.036026	0.000219	0.067353	5.12E-01		0.473149	0.036414	0.000162	0.074302	0.584028			
1294	490035.89	3859226.54	13.26617	25.35749	18.09399	33.46836		3.03E-01	0.02701	0.00027	0.107	0.43703		4.00E-01	0.035727	0.000221	0.066431	5.03E-01		0.463851	0.036113	0.000164	0.073285	0.573412			
1295	489735.89	3859276.54	16.23004	28.43923	18.12194	37.16986		3.70E-01	0.0303	0.00027	0.11883	0.51979		4.90E-01	0.040069	0.000222	0.073778	6.04E-01		0.567482	0.040502	0.000164	0.08139	0.689538			
1296	489785.89	3859276.54	15.64082	28.17431	18.5112	36.61562		3.57E-01	0.03002	0.00028	0.11706	0.50429		4.72E-01	0.039696	0.000227	0.072678	5.85E-01		0.54688	0.040124	0.000167	0.080176	0.667348			
1297	489835.89	3859276.54	15.06786	27.64773	18.76758	35.50802		3.44E-01	0.02945	0.00028	0.11352	0.48712		4.55E-01	0.038954	0.00023	0.07048	5.64E-01		0.526847	0.039374	0.00017	0.077751	0.644142			
1298	489885.89	3859276.54	14.47563	27.22319	18.7641	34.59652		3.30E-01	0.029	0.00028	0.11061	0.47024		4.37E-01	0.038356	0.00023	0.06867	5.44E-01		0.50614	0.03877	0.00017	0.075755	0.620834			
1299	489935.89	3859276.54	13.98107	26.79706	18.54025	33.65723		3.19E-01	0.02855	0.00028	0.1076	0.45549		4.22E-01	0.037755	0.000227	0.066806	5.27E-01		0.488847	0.038163	0.000168	0.073698	0.600876			
1300	489985.89	3859276.54	13.57137	26.24016	18.14804	35.52022		3.10E-01	0.02795	0.00027	0.11356	0.4515		4.10E-01	0.036971	0.000222	0.070504	5.17E-01		0.474522	0.03737	0.000164	0.077777	0.589834			
1301	490035.89	3859276.54	13.35859	25.16732	17.56002	33.26536		3.05E-01	0.02681	0.00026	0.10635	0.43828		4.03E-01	0.035459	0.000215	0.066028	5.05E-01		0.467082	0.035842	0.000159	0.07284	0.575923			
1302	490458.06	3859590.74	12.10579	21.78992	15.11172	27.10601		2.76E-01	0.02321	0.00023	0.08666	0.38636		3.65E-01	0.030701	0.000185	0.053803	4.50E-01		0.423278	0.031032	0.000137	0.059353	0.5138			
1303	490508.06	3859590.74	11.91182	21.08512	15.12048	26.10906		2.72E-01	0.02246	0.00023	0.08347	0.378		3.60E-01	0.029708	0.000185	0.051824	4.41E-01		0.416496	0.030028	0.000137	0.05717	0.503831			
1304	490558.06	3859590.74	11.6336	21.12305	15.32012	25.96276		2.65E-01	0.0225	0.00023	0.083	0.37123		3.51E-01	0.029761	0.000188	0.051533	4.33E-01		0.406768	0.030082	0.000139	0.05685	0.493839			
1305	490608.06	3859590.74	11.37574	21.02685	15.36569	27.93301		2.60E-01	0.0224	0.00023	0.0893	0.37154		3.43E-01	0.029625	0.000188	0.055444	4.29E-01		0.397752	0.029945	0.000139	0.061164	0.489			
1306	490658.06	3859590.74	11.16229	20.7793	15.26031	27.87494		2.55E-01	0.02214	0.00023	0.08912	0.36622		3.37E-01	0.029277	0.000187	0.055329	4.22E-01		0.390289	0.029593	0.000138	0.061037	0.481056			
1307	490708.06	3859590.74	11.00327	20.52562	15.00727	27.7877		2.51E-01	0.02187	0.00023	0.08884	0.36203		3.32E-01	0.028919	0.000184	0.055156	4.16E-01		0.384729	0.029231	0.000136	0.060846	0.474942			
1308	490758.06	3859590.74	10.83485	20.3954	14.67739	27.80812		2.47E-01	0.02173	0.00022	0.0889	0.35811		3.27E-01	0.028736	0.00018	0.055196	4.11E-01		0.37884	0.029046	0.000133	0.06089	0.468909			
1309	490808.06	3859590.74	10.62933	20.11605	14.59691	27.43349		2.43E-01	0.02143	0.00022	0.08771	0.35193		3.21E-01	0.028342	0.000179	0.054453	4.04E-01		0.371654	0.028648	0.000132	0.06007	0.460504			
1310	490858.06	3859590.74	10.394	19.74168	14.39537	26.84408		2.37E-01	0.02103	0.00022	0.08582	0.34427		3.14E-01	0.027815	0.000176	0.053283	3.95E-01		0.363426	0.028115	0.00013	0.05878	0.45045			
1311	490458.06	3859640.74	12.09723	22.03105	15.38186	27.87392		2.76E-01	0.02347	0.00023	0.08911	0.38888		3.65E-01	0.03104	0.000188	0.055327	4.52E-01		0.422979	0.031375	0.000139	0.061035	0.515528			
1312	490508.06	3859640.74	11.96782	21.55362	14.93284	26.94519		2.73E-01	0.02296	0.00023	0.08614	0.38245		3.61E-01	0.030368	0.000183	0.053483	4.45E-01		0.418454	0.030696	0.000135	0.059001	0.508286			
1313	490558.06	3859640.74	11.80902	20.91907	14.7127	25.81308		2.69E-01	0.02229	0.00022	0.08253	0.37452		3.56E-01	0.029474	0.00018	0.051236	4.37E-01		0.412902	0.029792	0.000133	0.056522	0.499349			
1314	490608.06	3859640.74	11.55823	20.67067	14.95522	25.45817		2.64E-01	0.02202	0.00023	0.08139	0.36741		3.49E-01	0.029124	0.000183	0.050532	4.29E-01		0.404133	0.029438	0.000135	0.055745	0.489451			
1315	490658.06	3859640.74	11.30147	20.68783	15.08664	27.61605		2.58E-01	0.02204	0.00023	0.08829	0.36846		3.41E-01	0.029148	0.000185	0.054815	4.25E-01		0.395155	0.029462	0.000136	0.06047	0.485224			
1316	490708.06	3859640.74	11.06743	20.52086	15.04688	27.69426		2.53E-01	0.02186	0.00023	0.08854	0.3632		3.34E-01	0.028913	0.000184	0.05497	4.18E-01		0.386972	0.029225	0.000136	0.060641	0.476974			
1317	490758.06	3859640.74	10.89614	20.22511	14.86821	27.45347		2.49E-01	0.02155	0.00022	0.08777	0.3582		3.29E-01	0.028496	0.000182	0.054492	4.12E-01		0.380983	0.028804	0.000135	0.060114	0.470035			
1318	490808.06	3859640.74	10.72995	20.0365	14.52659	27.38118		2.45E-01	0.02135	0.00022	0.08754	0.35397		3.24E-01	0.02823	0.000178	0.054349	4.07E-01		0.375172	0.028535	0.000131	0.059956	0.463794			
1319	490858.06	3859640.74	10.5388	19.82184	14.34537	27.12191		2.41E-01	0.02112	0.00022	0.08671	0.34855		3.18E-01	0.027928	0.000176	0.053834	4.00E-01		0.368489	0.028229	0.00013	0.059388	0.456235			
1320	490608.06	3859690.74	11.71569	20.80271	14.48883	25.7212		2.67E-01	0.02216	0.00022	0.08223	0.37197		3.54E-01	0.02931	0.000177	0.051054	4.34E-01		0.409638	0.029626	0.000131	0.056321	0.495716			
1321	490658.06	3859690.74	11.44733	20.23831	14.60657	26.60455		2.61E-01	0.02156	0.00022	0.08506	0.36807		3.45E-01	0.028514	0.000179	0.052807	4.27E-01		0.400255	0.028822	0.000132	0.058255	0.487465			
1322	490708.06	3859690.74	11.2198	20.31217	14.78457	27.20585		2.56E-01	0.02164	0.00022	0.08698	0.36488		3.39E-01	0.028619	0.000181	0.054001	4.21E-01		0.3923	0.028928	0.000134	0.059572	0.480933			
1323	490758.06	3859690.74	11.00597	20.24475	14.81868	27.50811		2.51E-01	0.02157	0.00022	0.08794	0.3609		3.32E-01	0.028524	0.000181	0.054601	4.15E-01		0.384823	0.028831	0.000134	0.060234	0.474022			
1324	490808.06	3859690.74	10.78033	19.99433	14.68616	27.28056		2.46E-01	0.0213	0.00022	0.08722	0.35475		3.25E-01	0.028171	0.00018	0.054149	4.08E-01		0.376934	0.028475	0.000133	0.059735	0.465277			
1325	490858.06	3859690.74	10.61818	19.62493	14.38104	26.74377		2.42E-01	0.02091	0.00022	0.0855	0.34894		3.20E-01	0.02765	0.000176	0.053084	4.01E-01		0.371264	0.027949	0.00013	0.05856	0.457903			
1326	490708.06	3859740.74	11.36669	20.06558	14.2183	24.5103		2.59E-01	0.02138	0.00021	0.07836	0.35935		3.43E-01	0.028271	0.000174	0.04865	4.20E-01		0.397436	0.028576	0.000129	0.053669	0.47981			
1327	490758.06	3859740.74	11.1258	19.83496	14.41608	26.25741		2.54E-01	0.02113	0.00022	0.08395	0.35919		3.36E-01	0.027946	0.000176	0.052118	4.16E-01		0.389013	0.028248	0.00013	0.057495	0.474886			
1328	490808.06	3859740.74	10.90292	19.80171	14.48592	26.52366		2.49E-01	0.0211	0.00022	0.0848	0.35492		3.29E-01	0.027899	0.000177	0.052647	4.10E-01		0.38122	0.028201	0.000131	0.058078	0.46763			
1329	490858.06	3859740.74	10.65877	19.6002	14.40062	26.36883		2.43E-01	0.02088	0.00022	0.0843	0.34864		3.22E-01	0.027615	0.000176	0.052339	4.02E-01		0.372683	0.027914	0.00013	0.057739	0.458466			
1330	490786.56	3859749.39	11.02261	19.75086	14.39605	26.201		2.52E-01	0.02104	0.00022	0.08377	0.35657		3.33E-01	0.027828	0.000176	0.052006	4.13E-01		0.385405	0.028128	0.00013	0.057371	0.471035			
1331	490836.56	3859749.39	10.79375	19.67085	14.41697	26.35849		2.46E-01	0.02096	0.00022	0.08427	0.35176		3.26E-01	0.027715	0.000176	0.052319	4.06E-01		0.377403	0.028014	0.00013	0.057716	0.463264			
1332	490786.56	3859799.39	11.2171	19.56475	13.81225	24.0253		2.56E-01	0.02084	0.00021	0.07681	0.35384		3.39E-01	0.027565	0.000169	0.047688	4.14E-01		0.392205	0.027863	0.000125	0.052607	0.472801			
1333	490836.56	3859799.39	10.9824	19.27724	14.03332	23.72203		2.51E-01	0.02054	0.00021	0.07584	0.34722		3.31E-01	0.02716	0.000172	0.047086	4.06E-01		0.383999	0.027454	0.000127	0.051943	0.463523			
1334	492307.84	3854508.36	4.61071	12.31126	4.91317	3.52228		1.05E-01	0.01312	7.4E-05	0.01126	0.12967		1.39E-01	0.017346	6.01E-05	0.006991	1.64E-01		0.161213	0.017533	4.44E-05	0.007713	0.186503			
1335	486445.7	3854753.6	7.1397	19.39416	7.40604	5.06773		1.63E-01	0.02066	0.00011	0.0162	0.19991		2.15E-01	0.027325	9.06E-05	0.010059	2.53E-01		0.249639	0.02762	6.7E-05	0.011097	0.288423			
1336	472599.75	3877830.11	0.56252	1.31124	0.75849	1.48263		1.28E-02	0.0014	1.1E-05	0.00474	0.01899		1.70E-02	0.001847	9.28E-06	0.002943	2.18E-02		0.019668	0.001867	6.86E-06	0.003246	0.024789			
1337	493107.48	3866840.19	5.68967	10.97688	6.33526	9.54352		1.30E-01	0.01169	9.5E-05	0.03051	0.17214		1.72E-01	0.015466	7.75E-05	0.018943	2.06E-01		0.198939	0.015633	5.73E-05	0.020897	0.235526			
1338	495815.8	3861662.87	4.30283	7.68153	5.67759	9.96863		9.82E-02	0.00818	8.6E-05	0.03187	0.13833		1.30E-01	0.010823	6.95E-05	0.019787	1.61E-01		0.150448	0.01094	5.14E-05	0.021828	0.183267			

1339	480272.33	3841389.2	1.36087	1.56916	1.76079	2.01073		3.11E-02	0.00167	2.7E-05	0.00643	0.03918		4.11E-02	0.002211	2.16E-05	0.003991	4.73E-02		0.047583	0.002235	1.59E-05	0.004403	0.054236							
1340	497005.18	3862813.64	4.12479	6.94275	5.01025	8.84506		9.41E-02	0.0074	7.6E-05	0.02828	0.12988		1.24E-01	0.009782	6.13E-05	0.017557	1.52E-01		0.144223	0.009887	4.53E-05	0.019368	0.173524							
1341	493677.33	3860302.55	6.66144	10.6375	9.06531	13.79365		1.52E-01	0.01133	0.00014	0.0441	0.20759		2.01E-01	0.014988	0.000111	0.027379	2.44E-01		0.232917	0.015149	8.2E-05	0.030203	0.278352							
1342	493727.33	3860302.55	6.62841	10.43351	9.03158	13.54174		1.51E-01	0.01112	0.00014	0.04329	0.20581		2.00E-01	0.0147	0.000111	0.026879	2.42E-01		0.231762	0.014859	8.17E-05	0.029652	0.276354							
1343	493777.33	3860302.55	6.59142	10.27154	8.98099	13.32214		1.50E-01	0.01094	0.00014	0.04259	0.20409		1.99E-01	0.014472	0.00011	0.026443	2.40E-01		0.230469	0.014628	8.12E-05	0.029171	0.274349							
1344	493827.33	3860302.55	6.54658	10.10069	8.9098	13.21137		1.49E-01	0.01076	0.00013	0.04224	0.20253		1.98E-01	0.014231	0.000109	0.026223	2.38E-01		0.228901	0.014385	8.06E-05	0.028928	0.272295							
1345	493877.33	3860302.55	6.48659	9.9126	8.80714	13.03578		1.48E-01	0.01056	0.00013	0.04168	0.2004		1.96E-01	0.013966	0.000108	0.025875	2.36E-01		0.226803	0.014117	7.97E-05	0.028544	0.269544							
1346	493927.33	3860302.55	6.41544	9.81378	8.68018	12.82408		1.46E-01	0.01046	0.00013	0.041	0.19799		1.94E-01	0.013827	0.000106	0.025454	2.33E-01		0.224315	0.013976	7.85E-05	0.02808	0.266451							
1347	493977.33	3860302.55	6.36665	9.81326	8.58029	12.76586		1.45E-01	0.01045	0.00013	0.04081	0.19669		1.92E-01	0.013826	0.000105	0.025339	2.31E-01		0.22261	0.013976	7.76E-05	0.027953	0.264616							
1348	494027.33	3860302.55	6.2964	9.77079	8.52942	12.60433		1.44E-01	0.01041	0.00013	0.0403	0.19452		1.90E-01	0.013766	0.000104	0.025018	2.29E-01		0.220153	0.013915	7.72E-05	0.027599	0.261745							
1349	493677.33	3860352.55	6.59909	10.87688	8.89282	13.88872		1.51E-01	0.01159	0.00013	0.0444	0.20672		1.99E-01	0.015325	0.000109	0.027568	2.42E-01		0.230737	0.01549	8.05E-05	0.030412	0.276719							
1350	493727.33	3860352.55	6.5766	10.66844	8.8973	13.09898		1.50E-01	0.01137	0.00013	0.04188	0.20346		1.98E-01	0.015031	0.000109	0.026	2.40E-01		0.22995	0.015193	8.05E-05	0.028682	0.273907							
1351	493777.33	3860352.55	6.54653	10.45452	8.87959	12.85832		1.49E-01	0.01114	0.00013	0.04111	0.20178		1.98E-01	0.01473	0.000109	0.025522	2.38E-01		0.228899	0.014889	8.03E-05	0.028155	0.272024							
1352	493827.33	3860352.55	6.51133	10.24687	8.84753	12.60953		1.49E-01	0.01092	0.00013	0.04031	0.19996		1.97E-01	0.014437	0.000108	0.025029	2.36E-01		0.227668	0.014593	8E-05	0.027611	0.269952							
1353	493877.33	3860352.55	6.47421	10.09638	8.80217	12.97772		1.48E-01	0.01076	0.00013	0.04149	0.20013		1.95E-01	0.014225	0.000108	0.025759	2.35E-01		0.22637	0.014379	7.96E-05	0.028417	0.269246							
1354	493927.33	3860352.55	6.43946	9.95041	8.74769	12.94799		1.47E-01	0.0106	0.00013	0.0414	0.19908		1.94E-01	0.014019	0.000107	0.0257	2.34E-01		0.225155	0.014171	7.91E-05	0.028352	0.267757							
1355	493977.33	3860352.55	6.40266	9.80578	8.6797	12.91718		1.46E-01	0.01045	0.00013	0.0413	0.19799		1.93E-01	0.013816	0.000106	0.025639	2.33E-01		0.223869	0.013965	7.85E-05	0.028284	0.266196							
1356	494027.33	3860352.55	6.33813	9.66251	8.56477	12.74813		1.45E-01	0.01029	0.00013	0.04076	0.19582		1.91E-01	0.013614	0.000105	0.025304	2.30E-01		0.221612	0.013761	7.75E-05	0.027914	0.263365							
1357	493677.33	3860402.55	6.51427	11.02587	8.60361	13.53576		1.49E-01	0.01175	0.00013	0.04327	0.20381		1.97E-01	0.015535	0.000105	0.026867	2.39E-01		0.227771	0.015702	7.78E-05	0.029639	0.27319							
1358	493727.33	3860402.55	6.50297	10.84604	8.65729	13.3509		1.48E-01	0.01155	0.00013	0.04268	0.20277		1.96E-01	0.015281	0.000106	0.0265	2.38E-01		0.227376	0.015446	7.83E-05	0.029234	0.272135							
1359	493777.33	3860402.55	6.50909	10.6989	8.72781	13.14104		1.49E-01	0.0114	0.00013	0.04201	0.20208		1.96E-01	0.015074	0.000107	0.026084	2.38E-01		0.22759	0.015237	7.9E-05	0.028774	0.27168							
1360	493827.33	3860402.55	6.48013	10.488	8.72133	12.92448		1.48E-01	0.01117	0.00013	0.04132	0.20051		1.96E-01	0.014777	0.000107	0.025654	2.36E-01		0.226577	0.014936	7.89E-05	0.0283	0.269893							
1361	493877.33	3860402.55	6.4489	10.28473	8.70709	12.69067		1.47E-01	0.01096	0.00013	0.04057	0.19883		1.95E-01	0.014491	0.000107	0.02519	2.34E-01		0.225485	0.014647	7.88E-05	0.027788	0.267999							
1362	493927.33	3860402.55	6.4226	10.11558	8.70575	12.44376		1.47E-01	0.01078	0.00013	0.03978	0.19726		1.94E-01	0.014252	0.000107	0.0247	2.33E-01		0.224566	0.014406	7.88E-05	0.027248	0.266298							
1363	493977.33	3860402.55	6.40238	9.99651	8.69196	12.94308		1.46E-01	0.01065	0.00013	0.04138	0.19827		1.93E-01	0.014084	0.000106	0.025691	2.33E-01		0.223859	0.014236	7.86E-05	0.028341	0.266515							
1364	494027.33	3860402.55	6.34817	9.82489	8.60905	12.76907		1.45E-01	0.01047	0.00013	0.04082	0.19629		1.92E-01	0.013843	0.000105	0.025345	2.31E-01		0.221963	0.013992	7.79E-05	0.02796	0.263993							
1365	493677.33	3860452.55	6.3984	11.13182	8.48248	13.65698		1.46E-01	0.01186	0.00013	0.04366	0.20167		1.93E-01	0.015684	0.000104	0.027108	2.36E-01		0.22372	0.015853	7.67E-05	0.029904	0.269554							
1366	493727.33	3860452.55	6.3805	10.95102	8.40292	13.52012		1.46E-01	0.01167	0.00013	0.04322	0.20063		1.93E-01	0.015429	0.000103	0.026836	2.35E-01		0.223094	0.015596	7.6E-05	0.029605	0.26837							
1367	493777.33	3860452.55	6.3804	10.79609	8.40979	13.35652		1.46E-01	0.0115	0.00013	0.0427	0.19994		1.93E-01	0.015211	0.000103	0.026511	2.34E-01		0.22309	0.015375	7.61E-05	0.029246	0.267788							
1368	493827.33	3860452.55	6.39369	10.66029	8.49424	13.1741		1.46E-01	0.01136	0.00013	0.04212	0.19951		1.93E-01	0.01502	0.000104	0.026149	2.34E-01		0.223555	0.015182	7.68E-05	0.028847	0.267661							
1369	493877.33	3860452.55	6.39276	10.50235	8.54615	12.97398		1.46E-01	0.01119	0.00013	0.04148	0.19868		1.93E-01	0.014797	0.000105	0.025752	2.34E-01		0.223522	0.014957	7.73E-05	0.028409	0.266965							
1370	493927.33	3860452.55	6.40114	10.36933	8.60466	12.75072		1.46E-01	0.01105	0.00013	0.04076	0.19802		1.93E-01	0.01461	0.000105	0.025309	2.33E-01		0.223815	0.014767	7.78E-05	0.02792	0.266581							
1371	493977.33	3860452.55	6.37299	10.17742	8.59499	12.5212		1.45E-01	0.01084	0.00013	0.04003	0.19644		1.92E-01	0.014339	0.000105	0.024853	2.32E-01		0.222831	0.014494	7.78E-05	0.027417	0.26482							
1372	494027.33	3860452.55	6.33533	9.98164	8.56208	12.28127		1.45E-01	0.01063	0.00013	0.03926	0.1946		1.91E-01	0.014063	0.000105	0.024377	2.30E-01		0.221514	0.014215	7.75E-05	0.026892	0.262699							
1373	493677.33	3860502.55	6.347	11.14696	8.58683	13.78781		1.45E-01	0.01188	0.00013	0.04408	0.20093		1.92E-01	0.015705	0.000105	0.027367	2.35E-01		0.221922	0.015875	7.77E-05	0.030191	0.268066							
1374	493727.33	3860502.55	6.25805	11.01429	8.38508	13.58136		1.43E-01	0.01173	0.00013	0.04342	0.19809		1.89E-01	0.015518	0.000103	0.026958	2.31E-01		0.218812	0.015686	7.59E-05	0.029739	0.264313							
1375	493777.33	3860502.55	6.26841	10.89264	8.29465	13.46703		1.43E-01	0.0116	0.00013	0.04305	0.19783		1.89E-01	0.015347	0.000102	0.026731	2.31E-01		0.219175	0.015513	7.5E-05	0.029488	0.264251							
1376	493827.33	3860502.55	6.27759	10.76134	8.248	13.33437		1.43E-01	0.01146	0.00012	0.04263	0.19748		1.89E-01	0.015162	0.000101	0.026467	2.31E-01		0.219496	0.015326	7.46E-05	0.029198	0.264094							
1377	493877.33	3860502.55	6.29806	10.64516	8.28434	13.17803		1.44E-01	0.01134	0.00012	0.04213	0.19732		1.90E-01	0.014998	0.000101	0.026157	2.31E-01		0.220211	0.01516	7.49E-05	0.028855	0.264302							
1378	493927.33	3860502.55	6.31955	10.52648	8.37823	12.99849		1.44E-01	0.01121	0.00013	0.04156	0.19711		1.91E-01	0.014831	0.000103	0.025801	2.31E-01		0.220963	0.014991	7.58E-05	0.028462	0.264492							
1379	493977.33	3860502.55	6.30153	10.35243	8.40695	12.80614		1.44E-01	0.01103	0.00013	0.04094	0.1959		1.90E-01	0.014586	0.000103	0.025419	2.30E-01		0.220333	0.014743	7.61E-05	0.028041	0.263193							
1380	494027.33	3860502.55	6.28506	10.18197	8.42464	12.59141		1.43E-01	0.01085	0.00013	0.04026	0.19466		1.90E-01	0.014346	0.000103	0.024993	2.29E-01		0.219757	0.014501	7.62E-05	0.027571	0.261905							
1381	493627.33	3860552.55	6.65297	11.3834	8.78127	14.20439		1.52E-01	0.01213	0.00013	0.04541	0.2095		2.01E-01	0.016038	0.000107	0.028194	2.45E-01		0.232621	0.016212	7.94E-05	0.031103	0.280015							
1382	493677.33	3860552.55	6.47693	11.18522	8.65585	14.01372		1.48E-01	0.01192	0.00013	0.0448	0.20466		1.95E-01	0.015759	0.000106	0.027816	2.39E-01		0.226465	0.015929	7.83E-05	0.030685	0.273159							
1383	493727.33	3860552.55	6.30012	10.97867	8.51111	13.80036		1.44E-01	0.0117	0.00013	0.04412	0.19972		1.90E-01	0.015468	0.000104	0.027392	2.33E-01		0.220283	0.015635	7.7E-05	0.030218	0.266214							
1384	493777.33	3860552.55	6.1967	10.89131	8.36806	13.56908		1.41E-01	0.0116	0.00013	0.04338	0.19652		1.87E-01	0.015345	0.000102	0.026933	2.29E-01		0.216667	0.015511	7.57E-05	0.029712	0.261966							
1385	493827.33	3860552.55	6.15882	10.82382	8.21787	13.38888		1.41E-01	0.01153	0.00012	0.0428	0.19501		1.86E-01	0.01525	0.000101	0.026576	2.28E-01		0.215343	0.015415	7.43E-05	0.029317	0.260149							
1386	493877.33	3860552.55	6.167	10.70134	8.14261	13.27829		1.41E-01	0.0114	0.00012	0.04245	0.19471		1.86E-01	0.015078	9.97E-05	0.026356	2.28E-01		0.215629	0.01524	7.37E-05	0.029075	0.260018							
1387	493927.33	3860552.55	6.19139	10.59935	8.11416	13.15358		1.41E-01	0.01129	0.00012	0.04205	0.19476		1.87E-01	0.014934	9.93E-05	0.026108	2.28E-01		0.216482	0.015095	7.34E-05	0.028802	0.260452							
1388	493977.33	3860552.55	6.21325	10.49173	8.15654	13.00221		1.42E-01	0.01118	0.00012	0.04157	0.19466		1.88E-01	0.014782	9.98E-05	0.025808	2.28E-01		0.217246	0.014942	7.38E-05	0.02847	0.260732							
1389	494027.33	3860552.55	6.20328	10.33355	8.208	12.82933		1.42E-01	0.01101	0.00012	0.04102	0.19371		1.87E-01	0.014559	0.0001	0.025465	2.27E-01		0.216897	0.014716	7.43E-05	0.028092	0.25978							
1390	493627.33	3860602.55	6.7842	11.42628	9.02147	14.26826		1.55E-01	0.01217	0.00014	0.04562	0.21275		2.05E-01	0.016099	0.00011	0.028321	2.49E-01		0.237209	0.016273	8.16E-05	0.031243	0.284806							
1391	493727.33	3860602.55	6.4457	11.06409	8.52771	13.95799		1.47E-01	0.01179	0.00013	0.04462	0.20364		1.95E-01	0.015589	0.000104	0.027705	2.38E-01		0.225374	0.015757	7.71E-05	0.030563	0.271771							
1392	493777.33	3860602.55	6.32214	10.95587	8.46719	13.79063		1.44E-01	0.01167	0.00013	0.04409	0.20016		1.91E-01	0.015436	0.000104	0.027373	2.34E-01		0.221053	0.015603	7.66E-05	0.030197	0.26693							
1393	493827.33	3860602.55	6.16469	10.78635	8.34406	13.58777		1.41E-01	0.01149	0.00013	0.04344	0.19574		1.86E-01	0.015197	0.000102	0.02697	2.28E-01		0.215548	0.015361	7.55E-05	0.029753	0.260738							
1394	493877.33	3860602.55	6.09994	10.72169	8.22193	13.36681		1.39E-01	0.01142	0.00012	0.04273	0.19349		1.84E-01	0.015106	0.000101	0.026532	2.26E-01		0.213284	0.015269	7.44E-05	0.029269	0.257897							
1395	493927.33	3860602.55	6.06879	10.64446	8.05957	13.20199		1.38E-01	0.01134	0.00012	0.04221	0.19216		1.83E-01	0.014997	9.86E-05	0.026205	2.24E-01		0.212195	0.015159	7.29E-05	0.028908	0.256335							
1396	493977.33	3860602.55	6.09576	10.55705	8.02789	13.10149		1.39E-01	0.01125	0.00012	0.04189	0.19236		1.84E-01	0.014874	9.83E-05	0.026005	2.25E-01		0.213138	0.015035	7.26E-05	0.028688	0.256933							
1397	494027.33	3860602.55	6.09304	10.42081	7.9669	12.97233		1.39E-01	0.0111	0.00012	0.04147	0.19174		1.84E-01	0.014682	9.75E-05	0.025749	2.24E-01		0.213043	0.014841	7.21E-05	0.028405	0.256361							
1398	493627.33	3860652.55	6.86794	11.36068	9.18909	14.20594		1.57E-01	0.0121	0.00014	0.04542	0.21439		2.07E-01	0.016006	0.000112	0.028197	2.52E-01		0.240137	0.016179	8.31E-05	0.031106	0.287506							
1399	493727.33	3860652.55	6.5737	11.09586	8.71864	14.0105		1.50E-01	0.01182	0.00013	0.04479	0.20676		1.98E-01	0.015633	0.000107	0.027809	2.42E-01		0.229849	0.015802	7.89E-05	0.030678	0.276408							

1400	493777.33	3860652.55	6.45847	11.00855	8.50907	13.89717	1.47E-01	0.01173	0.00013	0.04443	0.20367	1.95E-01	0.01551	0.000104	0.027584	2.38E-01	0.22582	0.015678	7.7E-05	0.03043	0.272005
1401	493827.33	3860652.55	6.33341	10.90497	8.39793	13.75429	1.45E-01	0.01162	0.00013	0.04397	0.20025	1.91E-01	0.015364	0.000103	0.027301	2.34E-01	0.221447	0.01553	7.6E-05	0.030117	0.267171
1402	493877.33	3860652.55	6.20607	10.79285	8.32924	13.5864	1.42E-01	0.0115	0.00013	0.04344	0.19669	1.87E-01	0.015206	0.000102	0.026968	2.30E-01	0.216995	0.015371	7.54E-05	0.02975	0.262191
1403	493927.33	3860652.55	6.07584	10.63626	8.20954	13.38823	1.39E-01	0.01133	0.00012	0.0428	0.19291	1.83E-01	0.014986	0.0001	0.026574	2.25E-01	0.212441	0.015148	7.43E-05	0.029316	0.256979
1404	493977.33	3860652.55	5.993	10.53856	8.06274	13.16475	1.37E-01	0.01123	0.00012	0.04209	0.1902	1.81E-01	0.014848	9.87E-05	0.026131	2.22E-01	0.209545	0.015008	7.29E-05	0.028826	0.253453
1405	494027.33	3860652.55	5.98657	10.48003	7.91278	13.02119	1.37E-01	0.01116	0.00012	0.04163	0.18953	1.81E-01	0.014766	9.68E-05	0.025846	2.21E-01	0.20932	0.014925	7.16E-05	0.028512	0.252829
1406	494311.06	3858401.99	3.18129	4.75246	4.75004	2.7005	7.26E-02	0.00506	7.2E-05	0.00863	0.08637	9.60E-02	0.006696	5.81E-05	0.00536	1.08E-01	0.111234	0.006768	4.3E-05	0.005913	0.123958
1407	494361.06	3858401.99	3.12303	4.61224	4.69463	2.70271	7.13E-02	0.00491	7.1E-05	0.00864	0.0849	9.43E-02	0.006498	5.75E-05	0.005365	1.06E-01	0.109197	0.006569	4.25E-05	0.005918	0.121726
1408	494411.06	3858401.99	3.09023	4.47414	4.67159	2.70441	7.05E-02	0.00477	7E-05	0.00865	0.084	9.33E-02	0.006304	5.72E-05	0.005368	1.05E-01	0.10805	0.006372	4.23E-05	0.005922	0.120386
1409	494461.06	3858401.99	3.10276	4.34138	4.6862	2.70787	7.08E-02	0.00463	7.1E-05	0.00866	0.08416	9.36E-02	0.006117	5.74E-05	0.005375	1.05E-01	0.108488	0.006183	4.24E-05	0.005929	0.120642
1410	494511.06	3858401.99	3.05643	4.20918	4.63326	2.71071	6.98E-02	0.00448	7E-05	0.00867	0.08297	9.22E-02	0.00593	5.67E-05	0.00538	1.04E-01	0.106868	0.005994	4.19E-05	0.005936	0.11884
1411	494561.06	3858401.99	3.04716	4.08167	4.63889	2.71308	6.95E-02	0.00435	7E-05	0.00867	0.08263	9.20E-02	0.005751	5.68E-05	0.005385	1.03E-01	0.106544	0.005813	4.2E-05	0.005941	0.118339
1412	494611.06	3858401.99	2.97618	3.95415	4.47513	2.71604	6.79E-02	0.00421	6.7E-05	0.00868	0.08088	8.98E-02	0.005571	5.48E-05	0.005391	1.01E-01	0.104062	0.005631	4.05E-05	0.005947	0.115681
1413	494661.06	3858401.99	2.90509	2.74357	4.37834	2.71875	6.63E-02	0.00292	6.6E-05	0.00869	0.07798	8.77E-02	0.003866	5.36E-05	0.005396	9.70E-02	0.101576	0.003907	3.96E-05	0.005953	0.111476
1414	494711.06	3858401.99	2.68581	2.65815	4.1236	2.72072	6.13E-02	0.00283	6.2E-05	0.0087	0.07288	8.11E-02	0.003745	5.05E-05	0.0054	9.03E-02	0.093909	0.003786	3.73E-05	0.005957	0.10369
1415	494761.06	3858401.99	2.61055	2.62363	4.01795	2.72264	5.96E-02	0.0028	6.1E-05	0.0087	0.07113	7.88E-02	0.003697	4.92E-05	0.005404	8.79E-02	0.091278	0.003736	3.63E-05	0.005962	0.101012
1416	494811.06	3858401.99	2.47794	2.55831	3.74535	2.72581	5.65E-02	0.00273	5.6E-05	0.00871	0.06804	7.48E-02	0.003604	4.58E-05	0.00541	8.38E-02	0.086641	0.003643	3.39E-05	0.005969	0.096287
1417	494861.06	3858401.99	2.35125	2.5001	3.53921	2.72877	5.37E-02	0.00266	5.3E-05	0.00872	0.0651	7.10E-02	0.003522	4.33E-05	0.005416	7.99E-02	0.082211	0.003561	3.2E-05	0.005975	0.091779
1418	494911.06	3858401.99	2.23254	2.44009	3.36072	2.73059	5.09E-02	0.0026	5.1E-05	0.00873	0.06233	6.74E-02	0.003438	4.11E-05	0.00542	7.63E-02	0.078061	0.003475	3.04E-05	0.005979	0.087545
1419	494961.06	3858401.99	2.17843	2.37426	3.22887	2.73312	4.97E-02	0.00253	4.9E-05	0.00874	0.06103	6.57E-02	0.003345	3.95E-05	0.005425	7.46E-02	0.076169	0.003381	2.92E-05	0.005985	0.085564
1420	495011.06	3858401.99	2.12546	2.30057	3.15215	2.73574	4.85E-02	0.00245	4.8E-05	0.00875	0.05975	6.41E-02	0.003241	3.86E-05	0.00543	7.29E-02	0.074317	0.003276	2.85E-05	0.00599	0.083612
1421	495061.06	3858401.99	2.0871	2.31679	3.05145	2.73772	4.76E-02	0.00247	4.6E-05	0.00875	0.0589	6.30E-02	0.003264	3.73E-05	0.005434	7.17E-02	0.072975	0.003299	2.76E-05	0.005995	0.082297
1422	495111.06	3858401.99	1.93055	2.33208	2.73267	2.74024	4.41E-02	0.00248	4.1E-05	0.00876	0.05534	5.83E-02	0.003286	3.34E-05	0.005439	6.70E-02	0.067502	0.003321	2.47E-05	0.006	0.076848
1423	495161.06	3858401.99	1.93118	2.34812	2.71331	2.74247	4.41E-02	0.0025	4.1E-05	0.00877	0.05538	5.83E-02	0.003308	3.32E-05	0.005444	6.71E-02	0.067524	0.003344	2.45E-05	0.006005	0.076897
1424	495211.06	3858401.99	1.82385	2.36268	2.65252	2.74477	4.16E-02	0.00252	4E-05	0.00878	0.05295	5.50E-02	0.003329	3.25E-05	0.005448	6.39E-02	0.063771	0.003365	2.4E-05	0.00601	0.07317
1425	495261.06	3858401.99	1.82851	2.37736	2.65926	2.74707	4.17E-02	0.00253	4E-05	0.00878	0.05308	5.52E-02	0.00335	3.25E-05	0.005453	6.40E-02	0.063934	0.003386	2.41E-05	0.006015	0.073359
1426	495311.06	3858401.99	1.8333	2.39126	2.66551	2.74875	4.18E-02	0.00255	4E-05	0.00879	0.05321	5.53E-02	0.003369	3.26E-05	0.005456	6.42E-02	0.064101	0.003406	2.41E-05	0.006019	0.07355
1427	495361.06	3858401.99	1.83822	2.40522	2.67138	2.7515	4.19E-02	0.00256	4E-05	0.0088	0.05335	5.55E-02	0.003389	3.27E-05	0.005461	6.44E-02	0.064273	0.003425	2.42E-05	0.006025	0.073748
1428	495411.06	3858401.99	1.84297	2.41872	2.67694	2.75328	4.21E-02	0.00258	4E-05	0.0088	0.05348	5.56E-02	0.003408	3.28E-05	0.005465	6.45E-02	0.064439	0.003445	2.42E-05	0.006029	0.073937
1429	495461.06	3858401.99	1.84762	2.43203	2.68216	2.75492	4.22E-02	0.00259	4E-05	0.00881	0.0536	5.58E-02	0.003427	3.28E-05	0.005468	6.47E-02	0.064602	0.003464	2.43E-05	0.006032	0.074122
1430	495511.06	3858401.99	1.85205	2.44488	2.68701	2.75749	4.23E-02	0.0026	4E-05	0.00882	0.05373	5.59E-02	0.003445	3.29E-05	0.005473	6.48E-02	0.064757	0.003482	2.43E-05	0.006038	0.074301
1431	495561.06	3858401.99	1.85655	2.45768	2.69157	2.75934	4.24E-02	0.00262	4.1E-05	0.00882	0.05385	5.60E-02	0.003463	3.29E-05	0.005477	6.50E-02	0.064914	0.0035	2.43E-05	0.006042	0.074481
1432	495611.06	3858401.99	1.86073	2.46976	2.69573	2.76023	4.25E-02	0.00263	4.1E-05	0.00882	0.05396	5.62E-02	0.00348	3.3E-05	0.005479	6.52E-02	0.06506	0.003517	2.44E-05	0.006044	0.074646
1433	495661.06	3858401.99	1.86463	2.48114	2.69951	2.76188	4.26E-02	0.00264	4.1E-05	0.00883	0.05407	5.63E-02	0.003496	3.3E-05	0.005482	6.53E-02	0.065197	0.003534	2.44E-05	0.006048	0.074802
1434	494311.06	3858451.99	3.22685	5.46298	4.60993	2.68667	7.36E-02	0.00582	6.9E-05	0.00859	0.08812	9.74E-02	0.007697	5.64E-05	0.005333	1.10E-01	0.112827	0.00778	4.17E-05	0.005883	0.126531
1435	494361.06	3858451.99	3.19957	5.31967	4.63809	2.68947	7.30E-02	0.00567	7E-05	0.0086	0.08735	9.66E-02	0.007495	5.68E-05	0.005338	1.09E-01	0.111873	0.007576	4.2E-05	0.005889	0.12538
1436	494411.06	3858451.99	3.17309	5.17937	4.65408	2.69149	7.24E-02	0.00552	7E-05	0.0086	0.08661	9.58E-02	0.007297	5.7E-05	0.005342	1.08E-01	0.110947	0.007376	4.21E-05	0.005893	0.124259
1437	494461.06	3858451.99	3.16722	5.04053	4.66752	2.69429	7.23E-02	0.00537	7E-05	0.00861	0.08633	9.56E-02	0.007102	5.71E-05	0.005348	1.08E-01	0.110742	0.007178	4.22E-05	0.0059	0.123862
1438	494511.06	3858451.99	3.17673	4.90403	4.69919	2.69785	7.25E-02	0.00522	7.1E-05	0.00863	0.08642	9.59E-02	0.006909	5.75E-05	0.005355	1.08E-01	0.111074	0.006984	4.25E-05	0.005907	0.124008
1439	494561.06	3858451.99	3.1404	4.76697	4.6818	2.69986	7.17E-02	0.00508	7.1E-05	0.00863	0.08545	9.48E-02	0.006716	5.73E-05	0.005359	1.07E-01	0.109804	0.006789	4.24E-05	0.005912	0.122547
1440	494611.06	3858451.99	3.13052	4.63314	4.68058	2.70213	7.14E-02	0.00494	7.1E-05	0.00864	0.08509	9.45E-02	0.006528	5.73E-05	0.005363	1.06E-01	0.109458	0.006598	4.23E-05	0.005917	0.122016
1441	494661.06	3858451.99	3.094	4.5013	4.66197	2.70522	7.06E-02	0.0048	7E-05	0.00865	0.08412	9.34E-02	0.006342	5.71E-05	0.00537	1.05E-01	0.108182	0.006411	4.22E-05	0.005924	0.120558
1442	494711.06	3858451.99	3.05472	4.3709	4.60485	2.70745	6.97E-02	0.00466	6.9E-05	0.00866	0.08309	9.22E-02	0.006158	5.64E-05	0.005374	1.04E-01	0.106808	0.006225	4.17E-05	0.005928	0.119003
1443	494761.06	3858451.99	2.9643	4.24234	4.50285	2.70953	6.76E-02	0.00452	6.8E-05	0.00866	0.0809	8.95E-02	0.005977	5.51E-05	0.005378	1.01E-01	0.103647	0.006042	4.07E-05	0.005933	0.115662
1444	494811.06	3858451.99	2.91348	4.11716	4.37774	2.71244	6.65E-02	0.00439	6.6E-05	0.00867	0.07961	8.79E-02	0.005801	5.36E-05	0.005384	9.92E-02	0.10187	0.005863	3.96E-05	0.005939	0.113712
1445	494861.06	3858451.99	2.76753	2.64719	4.23204	2.71488	6.32E-02	0.00282	6.4E-05	0.00868	0.07472	8.35E-02	0.00373	5.18E-05	0.005389	9.27E-02	0.096767	0.00377	3.83E-05	0.005945	0.106519
1446	494911.06	3858451.99	2.66769	2.55376	4.09944	2.71716	6.09E-02	0.00272	6.2E-05	0.00869	0.07235	8.05E-02	0.003598	5.02E-05	0.005393	8.96E-02	0.093276	0.003637	3.71E-05	0.00595	0.102899
1447	494961.06	3858451.99	2.40428	2.51473	3.60704	2.71984	5.49E-02	0.00268	5.4E-05	0.0087	0.0663	7.26E-02	0.003543	4.41E-05	0.005399	8.15E-02	0.084066	0.003581	3.26E-05	0.005956	0.093635
1448	495011.06	3858451.99	2.22879	2.43778	3.30274	2.72302	5.09E-02	0.0026	5E-05	0.00871	0.06222	6.73E-02	0.003435	4.04E-05	0.005405	7.61E-02	0.07793	0.003472	2.99E-05	0.005963	0.087394
1449	495061.06	3858451.99	2.19406	2.41331	3.24927	2.72567	5.01E-02	0.00257	4.9E-05	0.00871	0.0614	6.62E-02	0.0034	3.98E-05	0.00541	7.51E-02	0.076715	0.003437	2.94E-05	0.005968	0.08615
1450	495111.06	3858451.99	2.14272	2.33401	3.17082	2.72707	4.89E-02	0.00249	4.8E-05	0.00872	0.06015	6.47E-02	0.003288	3.88E-05	0.005413	7.34E-02	0.07492	0.003324	2.87E-05	0.005971	0.084244
1451	495161.06	3858451.99	2.06581	2.235	3.01183	2.73058	4.71E-02	0.00238	4.5E-05	0.00873	0.0583	6.23E-02	0.003149	3.69E-05	0.00542	7.10E-02	0.072231	0.003183	2.72E-05	0.005979	0.08142
1452	495211.06	3858451.99	1.96395	2.18077	2.78543	2.73261	4.48E-02	0.00232	4.2E-05	0.00874	0.05592	5.93E-02	0.003073	3.41E-05	0.005424	6.78E-02	0.068669	0.003106	2.52E-05	0.005984	0.077784
1453	495261.06	3858451.99	1.89799	2.17901	2.65884	2.7341	4.33E-02	0.00232	4E-05	0.00874	0.05442	5.73E-02	0.00307	3.25E-05	0.005427	6.58E-02	0.066363	0.003103	2.41E-05	0.005987	0.075477
1454	495311.06	3858451.99	1.88102	2.18134	2.60974	2.73757	4.29E-02	0.00232	3.9E-05	0.00875	0.05404	5.68E-02	0.003073	3.19E-05	0.005434	6.53E-02	0.06577	0.003107	2.36E-05	0.005994	0.074894
1455	495361.06	3858451.99	1.82091	2.19766	2.6181	2.73941	4.16E-02	0.00234	3.9E-05	0.00876	0.05269	5.50E-02	0.003096	3.2E-05	0.005437	6.35E-02	0.063668	0.00313	2.37E-05	0.005998	0.07282
1456	495411.06	3858451.99	1.8214	2.214	2.62612	2.74083	4.16E-02	0.00236	4E-05	0.00876	0.05273	5.50E-02	0.003119	3.21E-05	0.00544	6.36E-02	0.063685	0.003153	2.38E-05	0.006002	0.072863
1457	495461.06	3858451.99	1.8265	2.2299	2.6337	2.74411	4.17E-02	0.00238	4E-05	0.00877	0.05287	5.51E-02	0.003142	3.22E-05	0.005447	6.37E-02	0.063863	0.003176	2.38E-05	0.006009	0.073072
1458	495511.06	3858451.99	1.81941	2.24515	2.64068	2.74613	4.15E-02	0.00239	4E-05	0.00878	0.05273	5.49E-02	0.003163	3.23E-05	0.005451	6.36E-02	0.063616	0.003197	2.39E-05	0.006013	0.07285
1459	495561.06	3858451.99	1.82486	2.26077	2.64756	2.74773	4.16E-02	0.00241	4E-05	0.00878	0.05288	5.51E-02	0.003185	3.24E-05	0.005454	6.37E-02	0.063806	0.00322	2.4E-05	0.006017	0.073066
1460	495611.06	3858451.99	1.82912	2.27538	2.65365	2.74991	4.17E-02	0.00242	4E-05	0.00879	0.053	5.52E-02	0.003206	3.25E-05	0.005458	6.39E-02	0.063955	0.00324	2.4E-05	0.006021	0.073241

1461	495661.06	3858451.99	1.83453	2.28984	2.6596	2.75216	4.19E-02	0.00244	4E-05	0.0088	0.05314	5.54E-02	0.003226	3.26E-05	0.005463	6.41E-02	0.064144	0.003261	2.41E-05	0.006026	0.073456
1462	494311.06	3858501.99	3.14486	6.126	4.362	2.67258	7.18E-02	0.00653	6.6E-05	0.00854	0.0869	9.49E-02	0.008631	5.34E-05	0.005305	1.09E-01	0.10996	0.008724	3.95E-05	0.005852	0.124576
1463	494361.06	3858501.99	3.16128	5.98876	4.40335	2.67516	7.21E-02	0.00638	6.6E-05	0.00855	0.08714	9.54E-02	0.008438	5.39E-05	0.00531	1.09E-01	0.110534	0.008529	3.98E-05	0.005858	0.12496
1464	494411.06	3858501.99	3.17054	5.85145	4.44856	2.67819	7.24E-02	0.00623	6.7E-05	0.00856	0.08722	9.57E-02	0.008244	5.44E-05	0.005316	1.09E-01	0.110858	0.008333	4.02E-05	0.005864	0.125096
1465	494461.06	3858501.99	3.1785	5.71512	4.47415	2.68069	7.25E-02	0.00609	6.7E-05	0.00857	0.08726	9.59E-02	0.008052	5.48E-05	0.005321	1.09E-01	0.111136	0.008139	4.05E-05	0.00587	0.125186
1466	494511.06	3858501.99	3.16398	5.57681	4.50156	2.68293	7.22E-02	0.00594	6.8E-05	0.00858	0.08679	9.55E-02	0.007857	5.51E-05	0.005325	1.09E-01	0.110628	0.007942	4.07E-05	0.005875	0.124486
1467	494561.06	3858501.99	3.20429	5.44356	4.55955	2.6854	7.31E-02	0.0058	6.9E-05	0.00859	0.08758	9.67E-02	0.00767	5.58E-05	0.00533	1.10E-01	0.112038	0.007752	4.12E-05	0.00588	0.125712
1468	494611.06	3858501.99	3.16794	5.30764	4.58415	2.68814	7.23E-02	0.00565	6.9E-05	0.00859	0.08661	9.56E-02	0.007478	5.61E-05	0.005336	1.08E-01	0.110767	0.007559	4.15E-05	0.005886	0.124253
1469	494661.06	3858501.99	3.1607	5.17342	4.62059	2.69166	7.21E-02	0.00551	7E-05	0.00861	0.08632	9.54E-02	0.007289	5.66E-05	0.005343	1.08E-01	0.110514	0.007368	4.18E-05	0.005894	0.123817
1470	494711.06	3858501.99	3.13811	5.03856	4.61059	2.6943	7.16E-02	0.00537	6.9E-05	0.00861	0.08567	9.47E-02	0.007099	5.64E-05	0.005348	1.07E-01	0.109724	0.007176	4.17E-05	0.0059	0.122841
1471	494761.06	3858501.99	3.07761	4.90516	4.57059	2.69609	7.02E-02	0.00523	6.9E-05	0.00862	0.08415	9.29E-02	0.006911	5.59E-05	0.005351	1.05E-01	0.107608	0.006986	4.13E-05	0.005904	0.120539
1472	494811.06	3858501.99	3.02873	4.77346	4.53169	2.69905	6.91E-02	0.00509	6.8E-05	0.00863	0.0829	9.14E-02	0.006726	5.55E-05	0.005357	1.04E-01	0.105899	0.006798	4.1E-05	0.00591	0.118648
1473	494861.06	3858501.99	3.00914	4.64413	4.50719	2.70172	6.87E-02	0.00495	6.8E-05	0.00864	0.08232	9.08E-02	0.006543	5.52E-05	0.005363	1.03E-01	0.105214	0.006614	4.08E-05	0.005916	0.117785
1474	494911.06	3858501.99	2.86294	4.51446	4.27209	2.70428	6.53E-02	0.00481	6.4E-05	0.00865	0.07885	8.64E-02	0.006361	5.23E-05	0.005368	9.82E-02	0.100103	0.006429	3.86E-05	0.005921	0.112492
1475	494961.06	3858501.99	2.80516	2.52902	4.17785	2.70713	6.40E-02	0.00269	6.3E-05	0.00865	0.07543	8.47E-02	0.003563	5.11E-05	0.005373	9.37E-02	0.098082	0.003602	3.78E-05	0.005928	0.107649
1476	495011.06	3858501.99	2.53728	2.46173	3.84541	2.71009	5.79E-02	0.00262	5.8E-05	0.00866	0.06925	7.66E-02	0.003468	4.71E-05	0.005379	8.55E-02	0.088716	0.003506	3.48E-05	0.005934	0.098191
1477	495061.06	3858501.99	2.47624	2.4582	3.76265	2.71212	5.65E-02	0.00262	5.7E-05	0.00867	0.06786	7.47E-02	0.003463	4.61E-05	0.005383	8.36E-02	0.086582	0.003501	3.4E-05	0.005939	0.096055
1478	495111.06	3858501.99	2.21927	2.35541	3.24392	2.71408	5.06E-02	0.00251	4.9E-05	0.00868	0.06188	6.70E-02	0.003319	3.97E-05	0.005387	7.57E-02	0.077597	0.003354	2.93E-05	0.005943	0.086923
1479	495161.06	3858501.99	2.15375	2.3019	3.19923	2.71644	4.92E-02	0.00245	4.8E-05	0.00868	0.06034	6.50E-02	0.003243	3.92E-05	0.005392	7.37E-02	0.075306	0.003278	2.89E-05	0.005948	0.084561
1480	495211.06	3858501.99	2.09058	2.24559	3.10814	2.71955	4.77E-02	0.00239	4.7E-05	0.00869	0.05884	6.31E-02	0.003164	3.8E-05	0.005398	7.17E-02	0.073097	0.003198	2.81E-05	0.005955	0.082278
1481	495261.06	3858501.99	2.06605	2.21138	3.04416	2.72253	4.71E-02	0.00236	4.6E-05	0.0087	0.05825	6.24E-02	0.003116	3.73E-05	0.005404	7.09E-02	0.072239	0.003149	2.75E-05	0.005961	0.081378
1482	495311.06	3858501.99	2.05069	2.2015	2.99129	2.72422	4.68E-02	0.00235	4.5E-05	0.00871	0.0579	6.19E-02	0.003102	3.66E-05	0.005407	7.04E-02	0.071702	0.003135	2.71E-05	0.005965	0.08083
1483	495361.06	3858501.99	2.02657	2.19109	2.96225	2.72679	4.62E-02	0.00233	4.5E-05	0.00872	0.05734	6.12E-02	0.003087	3.63E-05	0.005412	6.97E-02	0.070859	0.00312	2.68E-05	0.005971	0.079977
1484	495411.06	3858501.99	2.02891	2.18979	2.95451	2.72977	4.63E-02	0.00233	4.5E-05	0.00873	0.05741	6.12E-02	0.003085	3.62E-05	0.005418	6.98E-02	0.070941	0.003119	2.67E-05	0.005977	0.080063
1485	495461.06	3858501.99	2.02834	2.18654	2.94642	2.7317	4.63E-02	0.00233	4.4E-05	0.00873	0.0574	6.12E-02	0.003081	3.61E-05	0.005422	6.98E-02	0.070921	0.003114	2.67E-05	0.005982	0.080043
1486	495511.06	3858501.99	2.02318	2.16762	2.90214	2.73413	4.62E-02	0.00231	4.4E-05	0.00874	0.05726	6.11E-02	0.003054	3.55E-05	0.005427	6.96E-02	0.07074	0.003087	2.63E-05	0.005987	0.07984
1487	495561.06	3858501.99	2.03654	2.18609	2.966	2.73608	4.65E-02	0.00233	4.5E-05	0.00875	0.0576	6.15E-02	0.00308	3.63E-05	0.005431	7.00E-02	0.071208	0.003113	2.68E-05	0.005991	0.080339
1488	495611.06	3858501.99	2.07849	2.11694	3.01968	2.738	4.74E-02	0.00226	4.6E-05	0.00875	0.05849	6.27E-02	0.002983	3.7E-05	0.005435	7.12E-02	0.072674	0.003015	2.73E-05	0.005995	0.081712
1489	495661.06	3858501.99	2.03098	2.14054	2.89783	2.74085	4.63E-02	0.00228	4.4E-05	0.00876	0.05744	6.13E-02	0.003016	3.55E-05	0.00544	6.98E-02	0.071013	0.003048	2.62E-05	0.006002	0.080089
1490	494311.06	3858551.99	3.03746	6.70887	4.05024	2.65819	6.93E-02	0.00715	6.1E-05	0.0085	0.08502	9.17E-02	0.009452	4.96E-05	0.005276	1.06E-01	0.106205	0.009554	3.66E-05	0.005821	0.121616
1491	494361.06	3858551.99	3.06896	6.58598	4.10916	2.66087	7.00E-02	0.00702	6.2E-05	0.00851	0.08562	9.26E-02	0.009279	5.03E-05	0.005282	1.07E-01	0.107306	0.009379	3.72E-05	0.005826	0.122549
1492	494411.06	3858551.99	3.0898	6.4598	4.16513	2.66357	7.05E-02	0.00688	6.3E-05	0.00852	0.08597	9.33E-02	0.009101	5.1E-05	0.005287	1.08E-01	0.108035	0.0092	3.77E-05	0.005832	0.123104
1493	494461.06	3858551.99	3.11058	6.33222	4.21976	2.66653	7.10E-02	0.00675	6.4E-05	0.00852	0.08632	9.39E-02	0.008922	5.16E-05	0.005293	1.08E-01	0.108761	0.009018	3.82E-05	0.005839	0.123656
1494	494511.06	3858551.99	3.12816	6.20348	4.2721	2.66946	7.14E-02	0.00661	6.4E-05	0.00853	0.08659	9.44E-02	0.00874	5.23E-05	0.005299	1.09E-01	0.109376	0.008835	3.86E-05	0.005845	0.124094
1495	494561.06	3858551.99	3.14626	6.07401	4.32314	2.67262	7.18E-02	0.00647	6.5E-05	0.00854	0.08688	9.50E-02	0.008558	5.29E-05	0.005305	1.09E-01	0.110009	0.00865	3.91E-05	0.005852	0.12455
1496	494611.06	3858551.99	3.16235	5.94331	4.37214	2.67512	7.22E-02	0.00633	6.6E-05	0.00855	0.08712	9.54E-02	0.008374	5.35E-05	0.00531	1.09E-01	0.110571	0.008464	3.96E-05	0.005858	0.124933
1497	494661.06	3858551.99	3.17258	5.81304	4.41868	2.67707	7.24E-02	0.00619	6.7E-05	0.00856	0.08722	9.58E-02	0.00819	5.41E-05	0.005314	1.09E-01	0.110929	0.008279	4E-05	0.005862	0.12511
1498	494711.06	3858551.99	3.17411	5.68123	4.45149	2.68014	7.24E-02	0.00605	6.7E-05	0.00857	0.08712	9.58E-02	0.008004	5.45E-05	0.00532	1.09E-01	0.110983	0.008091	4.03E-05	0.005869	0.124982
1499	494761.06	3858551.99	3.153	5.54922	4.45825	2.68255	7.20E-02	0.00591	6.7E-05	0.00858	0.08651	9.52E-02	0.007818	5.46E-05	0.005325	1.08E-01	0.110244	0.007903	4.03E-05	0.005874	0.124062
1500	494811.06	3858551.99	3.10284	5.41801	4.48433	2.6847	7.08E-02	0.00577	6.8E-05	0.00858	0.08523	9.36E-02	0.007634	5.49E-05	0.005329	1.07E-01	0.108491	0.007716	4.06E-05	0.005879	0.122126
1501	494861.06	3858551.99	3.06887	5.28717	4.46641	2.68807	7.00E-02	0.00563	6.7E-05	0.00859	0.08433	9.26E-02	0.007449	5.47E-05	0.005336	1.05E-01	0.107303	0.00753	4.04E-05	0.005886	0.120759
1502	494911.06	3858551.99	3.00277	5.15643	4.41707	2.69024	6.85E-02	0.00549	6.7E-05	0.0086	0.08269	9.06E-02	0.007265	5.41E-05	0.00534	1.03E-01	0.104992	0.007344	4E-05	0.005891	0.118266
1503	494961.06	3858551.99	2.9535	5.02669	4.37917	2.69213	6.74E-02	0.00536	6.6E-05	0.00861	0.08143	8.91E-02	0.007082	5.36E-05	0.005344	1.02E-01	0.103269	0.007159	3.96E-05	0.005895	0.116362
1504	495011.06	3858551.99	2.83207	4.89744	4.2205	2.69541	6.46E-02	0.00522	6.4E-05	0.00862	0.07853	8.55E-02	0.0069	5.17E-05	0.00535	9.78E-02	0.099023	0.006975	3.82E-05	0.005902	0.111938
1505	495061.06	3858551.99	2.76123	2.5638	4.09665	2.6984	6.30E-02	0.00273	6.2E-05	0.00863	0.07443	8.33E-02	0.003612	5.01E-05	0.005356	9.24E-02	0.096546	0.003651	3.71E-05	0.005909	0.106143
1506	495111.06	3858551.99	2.43874	2.51492	3.66466	2.701	5.57E-02	0.00268	5.5E-05	0.00864	0.06702	7.36E-02	0.003543	4.49E-05	0.005361	8.26E-02	0.08527	0.003582	3.32E-05	0.005914	0.094799
1507	495161.06	3858551.99	2.25294	2.4665	3.3372	2.70407	5.14E-02	0.00263	5E-05	0.00864	0.06274	6.80E-02	0.003475	4.08E-05	0.005367	7.69E-02	0.078774	0.003513	3.02E-05	0.005921	0.088238
1508	495211.06	3858551.99	2.20368	2.41729	3.23554	2.70654	5.03E-02	0.00258	4.9E-05	0.00865	0.06157	6.65E-02	0.003406	3.96E-05	0.005372	7.53E-02	0.077052	0.003443	2.93E-05	0.005926	0.08645
1509	495261.06	3858551.99	2.15924	2.36781	3.23542	2.70828	4.93E-02	0.00252	4.9E-05	0.00866	0.06051	6.52E-02	0.003336	3.96E-05	0.005376	7.39E-02	0.075498	0.003372	2.93E-05	0.00593	0.084829
1510	495311.06	3858551.99	2.16324	2.31894	3.23328	2.71057	4.94E-02	0.00247	4.9E-05	0.00867	0.06055	6.53E-02	0.003267	3.96E-05	0.00538	7.40E-02	0.075638	0.003303	2.93E-05	0.005935	0.084905
1511	495361.06	3858551.99	2.1479	2.2701	3.21214	2.7139	4.90E-02	0.00242	4.8E-05	0.00868	0.06016	6.48E-02	0.003198	3.93E-05	0.005387	7.35E-02	0.075101	0.003233	2.91E-05	0.005943	0.084306
1512	495411.06	3858551.99	2.16331	2.25789	3.21868	2.717	4.94E-02	0.00241	4.9E-05	0.00869	0.06051	6.53E-02	0.003181	3.94E-05	0.005393	7.39E-02	0.07564	0.003216	2.91E-05	0.005949	0.084834
1513	495461.06	3858551.99	2.15528	2.26907	3.21245	2.71879	4.92E-02	0.00242	4.8E-05	0.00869	0.06034	6.50E-02	0.003197	3.93E-05	0.005397	7.37E-02	0.075359	0.003231	2.91E-05	0.005953	0.084573
1514	495511.06	3858551.99	2.17026	2.29159	3.21861	2.72061	4.95E-02	0.00244	4.9E-05	0.0087	0.06071	6.55E-02	0.003229	3.94E-05	0.0054	7.42E-02	0.075883	0.003264	2.91E-05	0.005957	0.085133
1515	495561.06	3858551.99	2.1622	2.29672	3.21224	2.72392	4.93E-02	0.00245	4.8E-05	0.00871	0.06055	6.53E-02	0.003236	3.93E-05	0.005407	7.39E-02	0.075601	0.003271	2.91E-05	0.005964	0.084866
1516	495611.06	3858551.99	2.16176	2.29091	3.1921	2.7266	4.93E-02	0.00244	4.8E-05	0.00872	0.06054	6.52E-02	0.003228	3.91E-05	0.005412	7.39E-02	0.075586	0.003263	2.89E-05	0.00597	0.084848
1517	495661.06	3858551.99	2.14905	2.27769	3.17118	2.72794	4.90E-02	0.00243	4.8E-05	0.00872	0.06024	6.49E-02	0.003209	3.88E-05	0.005415	7.35E-02	0.075141	0.003244	2.87E-05	0.005973	0.084387
1518	494311.06	3858601.99	2.74165	7.16784	3.56163	2.64257	6.26E-02	0.00764	5.4E-05	0.00845	0.0787	8.27E-02	0.010099	4.36E-05	0.005245	9.81E-02	0.095862	0.010208	3.22E-05	0.005786	0.111888
1519	494361.06	3858601.99	2.96159	7.07239	3.77363	2.89545	6.76E-02	0.00753	5.7E-05	0.00926	0.08443	8.94E-02	0.009965	4.62E-05	0.005747	1.05E-01	0.103552	0.010072	3.41E-05	0.00634	0.119998
1520	494411.06	3858601.99	3.00132	6.96877	3.84007	2.90236	6.85E-02	0.00742	5.8E-05	0.00928	0.08525	9.06E-02	0.009819	4.7E-05	0.005761	1.06E-01	0.104941	0.009925	3.47E-05	0.006355	0.121255
1521	494461.06	3858601.99	3.02157	6.85734	3.90096	2.9054	6.90E-02	0.00731	5.9E-05	0.00929	0.08561	9.12E-02	0.009662	4.77E-05	0.005767	1.07E-01	0.105649	0.009766	3.53E-05	0.006362	0.121812

1522	494511.06	3858601.99	3.03932	6.74319	3.95997	2.90888	6.94E-02	0.00718	6E-05	0.0093	0.0859	9.17E-02	0.009501	4.85E-05	0.005774	1.07E-01	0.10627	0.009603	3.58E-05	0.006369	0.122278
1523	494561.06	3858601.99	3.05912	6.62633	4.01779	2.91208	6.98E-02	0.00706	6.1E-05	0.00931	0.08624	9.23E-02	0.009336	4.92E-05	0.00578	1.07E-01	0.106962	0.009437	3.63E-05	0.006376	0.122812
1524	494611.06	3858601.99	3.07336	6.50727	4.07297	2.91477	7.01E-02	0.00693	6.1E-05	0.00932	0.08645	9.28E-02	0.009168	4.98E-05	0.005786	1.08E-01	0.10746	0.009267	3.68E-05	0.006382	0.123146
1525	494661.06	3858601.99	3.08625	6.38623	4.12728	2.91705	7.04E-02	0.0068	6.2E-05	0.00933	0.08662	9.31E-02	0.008998	5.05E-05	0.00579	1.08E-01	0.107911	0.009095	3.73E-05	0.006387	0.12343
1526	494711.06	3858601.99	3.09801	6.26341	4.17932	2.6657	7.07E-02	0.00667	6.3E-05	0.00852	0.08596	9.35E-02	0.008825	5.12E-05	0.005291	1.08E-01	0.108322	0.00892	3.78E-05	0.005837	0.123117
1527	494761.06	3858601.99	3.11035	6.1396	4.2299	2.66779	7.10E-02	0.00654	6.4E-05	0.00853	0.08611	9.39E-02	0.00865	5.18E-05	0.005295	1.08E-01	0.108753	0.008744	3.83E-05	0.005842	0.123377
1528	494811.06	3858601.99	3.09912	6.01385	4.26147	2.67137	7.07E-02	0.00641	6.4E-05	0.00854	0.08574	9.35E-02	0.008473	5.22E-05	0.005302	1.07E-01	0.108361	0.008565	3.86E-05	0.005849	0.122813
1529	494861.06	3858601.99	3.09322	5.88867	4.2791	2.67416	7.06E-02	0.00627	6.4E-05	0.00855	0.08548	9.34E-02	0.008297	5.24E-05	0.005308	1.07E-01	0.108154	0.008386	3.87E-05	0.005856	0.122435
1530	494911.06	3858601.99	3.00352	5.76157	4.27152	2.67668	6.85E-02	0.00614	6.4E-05	0.00856	0.0833	9.06E-02	0.008118	5.23E-05	0.005313	1.04E-01	0.105018	0.008205	3.86E-05	0.005861	0.119123
1531	494961.06	3858601.99	2.98669	5.63638	4.27317	2.67998	6.82E-02	0.006	6.4E-05	0.00857	0.0828	9.01E-02	0.007941	5.23E-05	0.005319	1.03E-01	0.104429	0.008027	3.87E-05	0.005868	0.118363
1532	495011.06	3858601.99	2.92514	5.51064	4.24825	2.68239	6.68E-02	0.00587	6.4E-05	0.00858	0.08126	8.83E-02	0.007764	5.2E-05	0.005324	1.01E-01	0.102277	0.007848	3.84E-05	0.005874	0.116037
1533	495061.06	3858601.99	2.8673	5.38354	4.20341	2.68422	6.54E-02	0.00574	6.3E-05	0.00858	0.07981	8.65E-02	0.007585	5.14E-05	0.005328	9.95E-02	0.100255	0.007667	3.8E-05	0.005878	0.113838
1534	495111.06	3858601.99	2.68073	5.25591	3.92859	2.68667	6.12E-02	0.0056	5.9E-05	0.00859	0.07542	8.09E-02	0.007405	4.81E-05	0.005333	9.37E-02	0.093732	0.007485	3.55E-05	0.005883	0.107135
1535	495161.06	3858601.99	2.53203	2.68529	3.77809	2.68946	5.78E-02	0.00286	5.7E-05	0.0086	0.0693	7.64E-02	0.003783	4.62E-05	0.005338	8.56E-02	0.088532	0.003824	3.42E-05	0.005889	0.09828
1536	495211.06	3858601.99	2.45722	2.64204	3.66703	2.69248	5.61E-02	0.00281	5.5E-05	0.00861	0.06755	7.42E-02	0.003722	4.49E-05	0.005344	8.33E-02	0.085917	0.003763	3.32E-05	0.005896	0.095608
1537	495261.06	3858601.99	2.36287	2.59839	3.53984	2.69488	5.39E-02	0.00277	5.3E-05	0.00862	0.06536	7.13E-02	0.003661	4.33E-05	0.005349	8.04E-02	0.082618	0.0037	3.2E-05	0.005901	0.092251
1538	495311.06	3858601.99	2.32575	2.55422	3.43983	2.69698	5.31E-02	0.00272	5.2E-05	0.00862	0.06447	7.02E-02	0.003599	4.21E-05	0.005353	7.92E-02	0.08132	0.003638	3.11E-05	0.005905	0.090894
1539	495361.06	3858601.99	2.3257	2.50918	3.45567	2.70022	5.31E-02	0.00267	5.2E-05	0.00863	0.06443	7.02E-02	0.003535	4.23E-05	0.00536	7.91E-02	0.081318	0.003573	3.13E-05	0.005913	0.090835
1540	495411.06	3858601.99	2.32423	2.46368	3.45107	2.70284	5.30E-02	0.00262	5.2E-05	0.00864	0.06436	7.01E-02	0.003471	4.22E-05	0.005365	7.90E-02	0.081267	0.003509	3.12E-05	0.005918	0.090725
1541	495461.06	3858601.99	2.34587	2.41809	3.48877	2.70469	5.35E-02	0.00258	5.3E-05	0.00865	0.06481	7.08E-02	0.003407	4.27E-05	0.005369	7.96E-02	0.082023	0.003444	3.16E-05	0.005922	0.091421
1542	495511.06	3858601.99	2.29274	2.37202	3.37392	2.70783	5.23E-02	0.00253	5.1E-05	0.00866	0.06356	6.92E-02	0.003342	4.13E-05	0.005375	7.80E-02	0.080166	0.003378	3.05E-05	0.005929	0.089503
1543	495561.06	3858601.99	2.33424	2.32534	3.46415	2.71116	5.33E-02	0.00248	5.2E-05	0.00867	0.06447	7.04E-02	0.003276	4.24E-05	0.005381	7.91E-02	0.081617	0.003312	3.13E-05	0.005937	0.090896
1544	495611.06	3858601.99	2.25601	2.2784	3.31843	2.71311	5.15E-02	0.00243	5E-05	0.00867	0.06264	6.81E-02	0.00321	4.06E-05	0.005385	7.67E-02	0.078881	0.003245	3E-05	0.005941	0.088097
1545	495661.06	3858601.99	2.29163	2.28039	3.36624	2.71518	5.23E-02	0.00243	5.1E-05	0.00868	0.06346	6.92E-02	0.003213	4.12E-05	0.005389	7.78E-02	0.080127	0.003248	3.05E-05	0.005945	0.08935
1546	494311.06	3858651.99	2.63105	7.48925	3.19963	2.62521	6.00E-02	0.00798	4.8E-05	0.00839	0.07646	7.94E-02	0.010552	3.92E-05	0.005211	9.52E-02	0.091995	0.010666	2.89E-05	0.005748	0.108438
1547	494361.06	3858651.99	2.8429	7.41928	3.41701	2.88114	6.49E-02	0.0079	5.1E-05	0.00921	0.08204	8.58E-02	0.010453	4.18E-05	0.005719	1.02E-01	0.099402	0.010566	3.09E-05	0.006309	0.116308
1548	494411.06	3858651.99	3.01166	7.34461	3.66488	2.89017	6.87E-02	0.00782	5.5E-05	0.00924	0.08585	9.09E-02	0.010348	4.49E-05	0.005737	1.07E-01	0.105303	0.01046	3.32E-05	0.006329	0.122124
1549	494461.06	3858651.99	3.10083	7.25599	3.77746	2.89375	7.08E-02	0.00773	5.7E-05	0.00925	0.0878	9.36E-02	0.010223	4.62E-05	0.005744	1.10E-01	0.10842	0.010334	3.42E-05	0.006336	0.125124
1550	494511.06	3858651.99	3.06391	7.16254	3.76294	2.89694	6.99E-02	0.00763	5.7E-05	0.00926	0.08687	9.25E-02	0.010092	4.61E-05	0.00575	1.08E-01	0.107129	0.010201	3.4E-05	0.006343	0.123707
1551	494561.06	3858651.99	3.05008	7.06655	3.7796	2.90059	6.96E-02	0.00753	5.7E-05	0.00927	0.08646	9.21E-02	0.009956	4.63E-05	0.005757	1.08E-01	0.106646	0.010064	3.42E-05	0.006351	0.123095
1552	494611.06	3858651.99	3.00708	6.9658	3.76169	2.90327	6.86E-02	0.00742	5.7E-05	0.00928	0.08538	9.08E-02	0.009814	4.6E-05	0.005763	1.06E-01	0.105142	0.00992	3.4E-05	0.006357	0.121454
1553	494661.06	3858651.99	2.99518	6.86199	3.80709	2.90592	6.84E-02	0.00731	5.7E-05	0.00929	0.08501	9.04E-02	0.009668	4.66E-05	0.005768	1.06E-01	0.104726	0.009772	3.44E-05	0.006363	0.120896
1554	494711.06	3858651.99	3.00645	6.75527	3.86482	2.90792	6.86E-02	0.0072	5.8E-05	0.0093	0.08516	9.07E-02	0.009518	4.73E-05	0.005772	1.06E-01	0.10512	0.00962	3.5E-05	0.006367	0.121143
1555	494761.06	3858651.99	3.0218	6.64503	3.92182	2.91033	6.90E-02	0.00708	5.9E-05	0.0093	0.0854	9.12E-02	0.009362	4.8E-05	0.005777	1.06E-01	0.105657	0.009463	3.55E-05	0.006373	0.121529
1556	494811.06	3858651.99	3.03073	6.53254	3.97647	2.91177	6.92E-02	0.00696	6E-05	0.00931	0.08549	9.15E-02	0.009204	4.87E-05	0.00578	1.07E-01	0.105969	0.009303	3.6E-05	0.006376	0.121684
1557	494861.06	3858651.99	3.03378	6.4187	4.03001	2.65882	6.92E-02	0.00684	6.1E-05	0.0085	0.08463	9.16E-02	0.009044	4.93E-05	0.005277	1.06E-01	0.106076	0.009141	3.65E-05	0.005822	0.121075
1558	494911.06	3858651.99	3.01866	6.303	4.0644	2.6617	6.89E-02	0.00671	6.1E-05	0.00851	0.08417	9.11E-02	0.008881	4.97E-05	0.005283	1.05E-01	0.105547	0.008976	3.68E-05	0.005828	0.120389
1559	494961.06	3858651.99	2.99529	6.18461	4.06358	2.66413	6.84E-02	0.00659	6.1E-05	0.00852	0.08352	9.04E-02	0.008714	4.97E-05	0.005288	1.04E-01	0.10473	0.008808	3.68E-05	0.005834	0.119408
1560	495011.06	3858651.99	2.92677	6.06705	4.07584	2.66712	6.68E-02	0.00646	6.1E-05	0.00853	0.08184	8.83E-02	0.008548	4.99E-05	0.005294	1.02E-01	0.102334	0.00864	3.69E-05	0.00584	0.116852
1561	495061.06	3858651.99	2.90107	5.94913	4.07235	2.67004	6.62E-02	0.00634	6.1E-05	0.00854	0.08114	8.76E-02	0.008382	4.98E-05	0.0053	1.01E-01	0.101436	0.008472	3.68E-05	0.005846	0.115792
1562	495111.06	3858651.99	2.81025	5.82923	4.02852	2.67267	6.41E-02	0.00621	6.1E-05	0.00854	0.07895	8.48E-02	0.008213	4.93E-05	0.005305	9.84E-02	0.09826	0.008302	3.64E-05	0.005852	0.112451
1563	495161.06	3858651.99	2.77713	5.7086	4.01443	2.67604	6.34E-02	0.00608	6.1E-05	0.00856	0.07807	8.38E-02	0.008043	4.91E-05	0.005312	9.72E-02	0.097102	0.00813	3.63E-05	0.00586	0.111128
1564	495211.06	3858651.99	2.68901	5.58828	3.92167	2.67812	6.14E-02	0.00595	5.9E-05	0.00856	0.07594	8.12E-02	0.007874	4.8E-05	0.005316	9.44E-02	0.094021	0.007959	3.55E-05	0.005864	0.107879
1565	495261.06	3858651.99	2.69585	5.47126	3.94597	2.68057	6.15E-02	0.00583	5.9E-05	0.00857	0.07598	8.14E-02	0.007709	4.83E-05	0.005321	9.44E-02	0.09426	0.007792	3.57E-05	0.00587	0.107957
1566	495311.06	3858651.99	2.67833	5.3531	3.89571	2.68475	6.11E-02	0.0057	5.9E-05	0.00858	0.07547	8.08E-02	0.007542	4.77E-05	0.005329	9.38E-02	0.093648	0.007624	3.52E-05	0.005879	0.107185
1567	495361.06	3858651.99	2.68368	5.23379	3.91352	2.68697	6.12E-02	0.00558	5.9E-05	0.00859	0.07547	8.10E-02	0.007374	4.79E-05	0.005333	9.38E-02	0.093835	0.007454	3.54E-05	0.005884	0.107207
1568	495411.06	3858651.99	2.70557	5.11753	3.95913	2.68857	6.17E-02	0.00545	6E-05	0.0086	0.07585	8.17E-02	0.00721	4.85E-05	0.005337	9.43E-02	0.0946	0.007288	3.58E-05	0.005887	0.107811
1569	495461.06	3858651.99	2.75936	5.00298	4.02556	2.69166	6.30E-02	0.00533	6.1E-05	0.00861	0.07697	8.33E-02	0.007049	4.93E-05	0.005343	9.57E-02	0.096481	0.007125	3.64E-05	0.005894	0.109536
1570	495511.06	3858651.99	2.69752	2.58587	3.95928	2.69418	6.16E-02	0.00275	6E-05	0.00861	0.07299	8.14E-02	0.003643	4.85E-05	0.005348	9.05E-02	0.094319	0.003683	3.58E-05	0.005899	0.103936
1571	495561.06	3858651.99	2.68373	2.54439	3.93668	2.69606	6.12E-02	0.00271	5.9E-05	0.00862	0.07263	8.10E-02	0.003585	4.82E-05	0.005351	9.00E-02	0.093836	0.003624	3.56E-05	0.005903	0.103399
1572	495611.06	3858651.99	2.53637	2.50197	3.8144	2.69928	5.79E-02	0.00267	5.7E-05	0.00863	0.06923	7.66E-02	0.003525	4.67E-05	0.005358	8.55E-02	0.088684	0.003563	3.45E-05	0.005911	0.098192
1573	495661.06	3858651.99	2.55825	2.45961	3.85876	2.70214	5.84E-02	0.00262	5.8E-05	0.00864	0.0697	7.72E-02	0.003465	4.72E-05	0.005363	8.61E-02	0.089449	0.003503	3.49E-05	0.005917	0.098904
1574	494311.06	3858701.99	2.63078	7.64752	2.96132	2.60418	6.00E-02	0.00815	4.5E-05	0.00833	0.07655	7.94E-02	0.010775	3.62E-05	0.005169	9.54E-02	0.091985	0.010891	2.68E-05	0.005702	0.108605
1575	494361.06	3858701.99	3.08737	7.61145	3.6066	2.87023	7.05E-02	0.00811	5.4E-05	0.00918	0.0878	9.32E-02	0.010724	4.41E-05	0.005697	1.10E-01	0.10795	0.01084	3.26E-05	0.006285	0.125107
1576	494411.06	3858701.99	3.37854	7.56344	4.05075	2.87846	7.71E-02	0.00806	6.1E-05	0.0092	0.09442	1.02E-01	0.010656	4.96E-05	0.005713	1.18E-01	0.11813	0.010771	3.66E-05	0.006303	0.135241
1577	494461.06	3858701.99	3.35291	7.50411	4.04394	2.88211	7.65E-02	0.00799	6.1E-05	0.00921	0.09379	1.01E-01	0.010573	4.95E-05	0.005721	1.18E-01	0.117234	0.010687	3.66E-05	0.006311	0.134269
1578	494511.06	3858701.99	3.35395	7.43733	3.99799	2.88535	7.65E-02	0.00792	6E-05	0.00922	0.09375	1.01E-01	0.010479	4.89E-05	0.005727	1.17E-01	0.117271	0.010592	3.62E-05	0.006318	0.134217
1579	494561.06	3858701.99	3.32447	7.36687	3.97187	2.88868	7.59E-02	0.00785	6E-05	0.00924	0.09301	1.00E-01	0.010379	4.86E-05	0.005734	1.16E-01	0.11624	0.010492	3.59E-05	0.006325	0.133093
1580	494611.06	3858701.99	3.16816	7.28943	3.82114	2.88981	7.23E-02	0.00777	5.8E-05	0.00924	0.08936	9.56E-02	0.01027	4.68E-05	0.005736	1.12E-01	0.110775	0.010381	3.46E-05	0.006328	0.127518
1581	494661.06	3858701.99	3.18565	7.21082	3.88119	2.89362	7.27E-02	0.00768	5.8E-05	0.00925	0.08969	9.61E-02	0.01016	4.75E-05	0.005744	1.12E-01	0.111386	0.010269	3.51E-05	0.006336	0.128027
1582	494711.06	3858701.99	2.89238	7.11976	3.52365	2.89275	6.60E-02	0.00758	5.3E-05	0.00925	0.08289	8.73E-02	0.010031	4.31E-05	0.005742	1.03E-01	0.101132	0.01014	3.19E-05	0.006334	0.117638

1583	494761.06	3858701.99	2.92279	7.03565	3.62395	2.89801		6.67E-02	0.0075	5.5E-05	0.00927	0.08352		8.82E-02	0.009913	4.44E-05	0.005752	1.04E-01		0.102195	0.01002	3.28E-05	0.006346	0.118593
1584	494811.06	3858701.99	2.93108	6.94366	3.64891	2.89894		6.69E-02	0.0074	5.5E-05	0.00927	0.08361		8.85E-02	0.009783	4.47E-05	0.005754	1.04E-01		0.102485	0.009889	3.3E-05	0.006348	0.118755
1585	494861.06	3858701.99	2.93906	6.8462	3.70822	2.9013		6.71E-02	0.00729	5.6E-05	0.00928	0.0837		8.87E-02	0.009646	4.54E-05	0.005759	1.04E-01		0.102764	0.00975	3.35E-05	0.006353	0.1189
1586	494911.06	3858701.99	2.95135	6.74793	3.76665	2.64502		6.74E-02	0.00719	5.7E-05	0.00846	0.08305		8.91E-02	0.009507	4.61E-05	0.00525	1.04E-01		0.103194	0.00961	3.41E-05	0.005792	0.11863
1587	494961.06	3858701.99	2.93197	6.64534	3.8129	2.64837		6.69E-02	0.00708	5.7E-05	0.00847	0.08251		8.85E-02	0.009363	4.67E-05	0.005257	1.03E-01		0.102516	0.009464	3.45E-05	0.005799	0.117814
1588	495011.06	3858701.99	2.91118	6.5416	3.81094	2.65099		6.64E-02	0.00697	5.7E-05	0.00848	0.08194		8.79E-02	0.009217	4.66E-05	0.005262	1.02E-01		0.101789	0.009316	3.45E-05	0.005805	0.116945
1589	495061.06	3858701.99	2.91593	6.43596	3.85773	2.65353		6.65E-02	0.00686	5.8E-05	0.00848	0.08194		8.80E-02	0.009068	4.72E-05	0.005267	1.02E-01		0.101955	0.009166	3.49E-05	0.00581	0.116966
1590	495111.06	3858701.99	2.82835	6.32747	3.84603	2.65761		6.45E-02	0.00674	5.8E-05	0.0085	0.07984		8.54E-02	0.008915	4.71E-05	0.005275	9.96E-02		0.098893	0.009011	3.48E-05	0.005819	0.113758
1591	495161.06	3858701.99	2.82067	6.22031	3.86883	2.66026		6.44E-02	0.00663	5.8E-05	0.0085	0.07956		8.51E-02	0.008764	4.74E-05	0.00528	9.92E-02		0.098625	0.008859	3.5E-05	0.005825	0.113343
1592	495211.06	3858701.99	2.76255	6.11	3.86235	2.66323		6.30E-02	0.00651	5.8E-05	0.00851	0.07813		8.34E-02	0.008609	4.73E-05	0.005286	9.73E-02		0.096592	0.008702	3.49E-05	0.005832	0.11116
1593	495261.06	3858701.99	2.78405	5.99893	3.91397	2.66698		6.35E-02	0.00639	5.9E-05	0.00853	0.07851		8.40E-02	0.008452	4.79E-05	0.005294	9.78E-02		0.097344	0.008543	3.54E-05	0.00584	0.111763
1594	495311.06	3858701.99	2.80295	5.88869	3.95957	2.66872		6.40E-02	0.00627	6E-05	0.00853	0.07883		8.46E-02	0.008297	4.85E-05	0.005297	9.82E-02		0.098005	0.008386	3.58E-05	0.005844	0.112271
1595	495361.06	3858701.99	2.79124	5.77754	3.99192	2.67092		6.37E-02	0.00616	6E-05	0.00854	0.07845		8.42E-02	0.00814	4.89E-05	0.005301	9.77E-02		0.097596	0.008228	3.61E-05	0.005848	0.111708
1596	495411.06	3858701.99	2.83015	5.66649	4.05151	2.6746		6.46E-02	0.00604	6.1E-05	0.00855	0.07923		8.54E-02	0.007984	4.96E-05	0.005309	9.88E-02		0.098956	0.00807	3.67E-05	0.005856	0.112919
1597	495461.06	3858701.99	2.83786	5.55194	4.08671	2.67727		6.48E-02	0.00591	6.2E-05	0.00856	0.0793		8.56E-02	0.007822	5E-05	0.005314	9.88E-02		0.099226	0.007907	3.7E-05	0.005862	0.113032
1598	495511.06	3858701.99	2.83424	5.43958	4.11075	2.67962		6.47E-02	0.0058	6.2E-05	0.00857	0.0791		8.55E-02	0.007664	5.03E-05	0.005319	9.86E-02		0.099099	0.007747	3.72E-05	0.005867	0.11275
1599	495561.06	3858701.99	2.82917	5.32676	4.11843	2.68283		6.46E-02	0.00567	6.2E-05	0.00858	0.07888		8.54E-02	0.007505	5.04E-05	0.005325	9.83E-02		0.098922	0.007586	3.73E-05	0.005875	0.11242
1600	495611.06	3858701.99	2.79833	5.21497	4.10603	2.68552		6.39E-02	0.00556	6.2E-05	0.00859	0.07806		8.45E-02	0.007348	5.03E-05	0.00533	9.72E-02		0.097843	0.007427	3.71E-05	0.00588	0.111188
1601	495661.06	3858701.99	2.79941	5.10019	4.13109	2.68852		6.39E-02	0.00543	6.2E-05	0.0086	0.07798		8.45E-02	0.007186	5.06E-05	0.005336	9.71E-02		0.097881	0.007263	3.74E-05	0.005887	0.111069
1602	494311.06	3858751.99	2.84489	7.63077	3.16026	2.84709		6.49E-02	0.00813	4.8E-05	0.0091	0.0822		8.59E-02	0.010751	3.87E-05	0.005651	1.02E-01		0.099471	0.010867	2.86E-05	0.006234	0.116602
1603	494361.06	3858751.99	3.52531	7.62914	4.1812	2.85941		8.05E-02	0.00813	6.3E-05	0.00914	0.09778		1.06E-01	0.010749	5.12E-05	0.005676	1.23E-01		0.123262	0.010865	3.78E-05	0.006261	0.140426
1604	494411.06	3858751.99	3.75292	7.61347	4.54727	2.86628		8.56E-02	0.00811	6.9E-05	0.00916	0.10299		1.13E-01	0.010727	5.57E-05	0.005689	1.30E-01		0.131221	0.010843	4.11E-05	0.006276	0.148381
1605	494461.06	3858751.99	3.73207	7.58506	4.54793	2.87032		8.52E-02	0.00808	6.9E-05	0.00918	0.10249		1.13E-01	0.010687	5.57E-05	0.005697	1.29E-01		0.130492	0.010802	4.11E-05	0.006285	0.14762
1606	494511.06	3858751.99	3.73331	7.55152	4.5476	2.87357		8.52E-02	0.00804	6.9E-05	0.00919	0.1025		1.13E-01	0.01064	5.57E-05	0.005704	1.29E-01		0.130535	0.010754	4.11E-05	0.006292	0.147623
1607	494561.06	3858751.99	3.60379	7.51206	4.39803	2.87697		8.22E-02	0.008	6.6E-05	0.0092	0.09951		1.09E-01	0.010584	5.38E-05	0.00571	1.25E-01		0.126006	0.010698	3.98E-05	0.0063	0.143044
1608	494611.06	3858751.99	3.47057	7.46249	4.18516	2.87841		7.92E-02	0.00795	6.3E-05	0.0092	0.09642		1.05E-01	0.010514	5.12E-05	0.005713	1.21E-01		0.121348	0.010628	3.79E-05	0.006303	0.138317
1609	494661.06	3858751.99	3.40245	7.41173	4.08441	2.88168		7.76E-02	0.0079	6.2E-05	0.00921	0.09482		1.03E-01	0.010443	5E-05	0.00572	1.19E-01		0.118966	0.010555	3.7E-05	0.00631	0.135869
1610	494711.06	3858751.99	3.2023	7.35338	3.81823	2.88359		7.31E-02	0.00783	5.8E-05	0.00922	0.09019		9.66E-02	0.01036	4.67E-05	0.005724	1.13E-01		0.111968	0.010472	3.45E-05	0.006314	0.128789
1611	494761.06	3858751.99	3.18519	7.28941	3.79693	2.88539		7.27E-02	0.00777	5.7E-05	0.00922	0.08974		9.61E-02	0.01027	4.65E-05	0.005727	1.12E-01		0.11137	0.010381	3.43E-05	0.006318	0.128104
1612	494811.06	3858751.99	3.01216	7.22021	3.62872	2.88686		6.87E-02	0.00769	5.5E-05	0.00923	0.08572		9.09E-02	0.010173	4.44E-05	0.00573	1.07E-01		0.10532	0.010283	3.28E-05	0.006321	0.121957
1613	494861.06	3858751.99	2.86273	7.14841	3.48513	2.88857		6.53E-02	0.00762	5.3E-05	0.00923	0.08223		8.64E-02	0.010072	4.27E-05	0.005734	1.02E-01		0.100095	0.01018	3.15E-05	0.006325	0.116632
1614	494911.06	3858751.99	2.85003	7.07222	3.4294	2.89037		6.50E-02	0.00753	5.2E-05	0.00924	0.08187		8.60E-02	0.009964	4.2E-05	0.005737	1.02E-01		0.099651	0.010072	3.1E-05	0.006329	0.116083
1615	494961.06	3858751.99	2.85885	6.99043	3.49095	2.89212		6.52E-02	0.00745	5.3E-05	0.00925	0.08199		8.63E-02	0.009849	4.27E-05	0.005741	1.02E-01		0.09996	0.009955	3.16E-05	0.006333	0.116279
1616	495011.06	3858751.99	2.86456	6.90784	3.55221	2.63347		6.54E-02	0.00736	5.4E-05	0.00842	0.0812		8.65E-02	0.009733	4.35E-05	0.005227	1.01E-01		0.100159	0.009838	3.21E-05	0.005766	0.115796
1617	495061.06	3858751.99	2.86266	6.82199	3.61155	2.63747		6.53E-02	0.00727	5.4E-05	0.00843	0.08108		8.64E-02	0.009612	4.42E-05	0.005235	1.01E-01		0.100093	0.009716	3.27E-05	0.005775	0.115616
1618	495111.06	3858751.99	2.84156	6.731	3.63141	2.63998		6.48E-02	0.00717	5.5E-05	0.00844	0.08051		8.58E-02	0.009484	4.44E-05	0.00524	1.01E-01		0.099355	0.009586	3.29E-05	0.005781	0.114754
1619	495161.06	3858751.99	2.8483	6.63736	3.65107	2.64326		6.50E-02	0.00707	5.5E-05	0.00845	0.08058		8.60E-02	0.009352	4.47E-05	0.005247	1.01E-01		0.099591	0.009453	3.3E-05	0.005788	0.114864
1620	495211.06	3858751.99	2.77675	6.54251	3.67091	2.64701		6.34E-02	0.00697	5.5E-05	0.00846	0.07886		8.38E-02	0.009218	4.49E-05	0.005254	9.83E-02		0.097089	0.009317	3.32E-05	0.005796	0.112236
1621	495261.06	3858751.99	2.79814	6.44742	3.71735	2.64919		6.39E-02	0.00687	5.6E-05	0.00847	0.07925		8.45E-02	0.009084	4.55E-05	0.005258	9.88E-02		0.097837	0.009182	3.36E-05	0.005801	0.112853
1622	495311.06	3858751.99	2.81381	6.34981	3.77647	2.65232		6.42E-02	0.00676	5.7E-05	0.00848	0.07951		8.49E-02	0.008946	4.62E-05	0.005265	9.92E-02		0.098385	0.009043	3.42E-05	0.005808	0.11327
1623	495361.06	3858751.99	2.82011	6.24843	3.82646	2.65568		6.44E-02	0.00666	5.8E-05	0.00849	0.07956		8.51E-02	0.008804	4.68E-05	0.005271	9.92E-02		0.098605	0.008899	3.46E-05	0.005815	0.113353
1624	495411.06	3858751.99	2.8654	6.14839	3.89795	2.6582		6.54E-02	0.00655	5.9E-05	0.0085	0.0805		8.65E-02	0.008663	4.77E-05	0.005276	1.00E-01		0.100189	0.008756	3.53E-05	0.005821	0.114801
1625	495461.06	3858751.99	2.87344	6.0461	3.94409	2.66146		6.56E-02	0.00644	5.9E-05	0.00851	0.08058		8.67E-02	0.008519	4.83E-05	0.005283	1.01E-01		0.10047	0.008611	3.57E-05	0.005828	0.114944
1626	495511.06	3858751.99	2.88179	5.94148	3.98171	2.6648		6.58E-02	0.00633	6E-05	0.00852	0.08067		8.70E-02	0.008371	4.87E-05	0.005289	1.01E-01		0.100762	0.008462	3.6E-05	0.005835	0.115094
1627	495561.06	3858751.99	2.88376	5.83335	4.01019	2.66784		6.58E-02	0.00621	6E-05	0.00853	0.08061		8.70E-02	0.008219	4.91E-05	0.005295	1.01E-01		0.100831	0.008308	3.63E-05	0.005842	0.115016
1628	495611.06	3858751.99	2.87766	5.72715	4.03767	2.67103		6.57E-02	0.0061	6.1E-05	0.00854	0.08037		8.69E-02	0.008069	4.94E-05	0.005302	1.00E-01		0.100617	0.008156	3.65E-05	0.005849	0.114659
1629	495661.06	3858751.99	2.85623	5.62048	4.05911	2.67325		6.52E-02	0.00599	6.1E-05	0.00855	0.07978		8.62E-02	0.007919	4.97E-05	0.005306	9.95E-02		0.099868	0.008004	3.67E-05	0.005854	0.113763
1630	494311.06	3858801.99	3.29264	7.4409	3.87217	2.83654		7.51E-02	0.00793	5.8E-05	0.00907	0.09219		9.94E-02	0.010484	4.74E-05	0.00563	1.16E-01		0.115127	0.010597	3.5E-05	0.006211	0.13197
1631	494361.06	3858801.99	3.90115	7.47431	4.69049	2.84808		8.90E-02	0.00796	7.1E-05	0.00911	0.10617		1.18E-01	0.010531	5.74E-05	0.005653	1.34E-01		0.136403	0.010645	4.24E-05	0.006236	0.153327
1632	494411.06	3858801.99	4.02755	7.48931	4.91021	11.53372		9.19E-02	0.00798	7.4E-05	0.03687	0.13684		1.22E-01	0.010552	6.01E-05	0.022893	1.55E-01		0.140823	0.010666	4.44E-05	0.025255	0.176788
1633	494461.06	3858801.99	4.07277	7.49811	5.01227	5.13067		9.29E-02	0.00799	7.6E-05	0.0164	0.11741		1.23E-01	0.010564	6.13E-05	0.010184	1.44E-01		0.142404	0.010678	4.53E-05	0.011234	0.164362
1634	494511.06	3858801.99	4.09415	7.49814	5.04356	5.14117		9.34E-02	0.00799	7.6E-05	0.01644	0.11793		1.24E-01	0.010564	6.17E-05	0.010205	1.44E-01		0.143152	0.010678	4.56E-05	0.011257	0.165133
1635	494561.06	3858801.99	4.03172	7.48898	4.98181	5.15109		9.20E-02	0.00798	7.5E-05	0.01647	0.11653		1.22E-01	0.010551	6.1E-05	0.010224	1.43E-01		0.140969	0.010665	4.51E-05	0.011279	0.162958
1636	494611.06	3858801.99	3.92813	7.47544	4.85514	5.15993		8.96E-02	0.00796	7.3E-05	0.0165	0.11418		1.19E-01	0.010532	5.94E-05	0.010242	1.39E-01		0.137347	0.010646	4.39E-05	0.011299	0.159335
1637	494661.06	3858801.99	3.7688	7.45477	4.64149	2.86985		8.60E-02	0.00794	7E-05	0.00917	0.10319		1.14E-01	0.010503	5.68E-05	0.005696	1.30E-01		0.131776	0.010617	4.2E-05	0.006284	0.148719
1638	494711.06	3858801.99	3.6037	7.42392	4.38951	2.87112		8.22E-02	0.00791	6.6E-05	0.00918	0.09939		1.09E-01	0.01046	5.37E-05	0.005699	1.25E-01		0.126003	0.010573	3.97E-05	0.006287	0.142902
1639	494761.06	3858801.99	3.40522	7.38953	4.09804	2.87264		7.77E-02	0.00787	6.2E-05	0.00918	0.09483		1.03E-01	0.010411	5.02E-05	0.005702	1.19E-01		0.119063	0.010524	3.71E-05	0.00629	0.135914
1640	494811.06	3858801.99	3.19897	7.35133	3.80018	2.87338		7.30E-02	0.00783	5.7E-05	0.00919	0.09008		9.65E-02	0.010358	4.65E-05	0.005703	1.13E-01		0.111852	0.010469	3.44E-05	0.006292	0.128647
1641	494861.06	3858801.99	3.10701	7.30509	3.63429	2.8763		7.09E-02	0.00778	5.5E-05	0.0092	0.08794		9.38E-02	0.010292	4.45E-05	0.005709	1.10E-01		0.108636	0.010404	3.29E-05	0.006298	0.125371
1642	494911.06	3858801.99	2.94573	7.25486	3.46209	2.87726		6.72E-02	0.00773	5.2E-05	0.0092	0.0842		8.89E-02	0.010222	4.24E-05	0.005711	1.05E-01		0.102997	0.010332	3.13E-05	0.0063	0.119661
1643	494961.06	3858801.99	2.83445	7.20241	3.3709	2.87928		6.47E-02	0.00767	5.1E-05	0.00921	0.08161		8.55E-02	0.010148	4.13E-05	0.005715	1.01E-01		0.099106	0.010257	3.05E-05	0.006305	0.115699

1644	495011.06	3858801.99	2.77748	7.14351	3.2643	2.88174	6.34E-02	0.00761	4.9E-05	0.00921	0.08026	8.38E-02	0.010065	4E-05	0.00572	9.97E-02	0.097114	0.010173	2.95E-05	0.00631	0.113627
1645	495061.06	3858801.99	2.78256	7.07933	3.27427	2.88495	6.35E-02	0.00754	4.9E-05	0.00922	0.08031	8.40E-02	0.009974	4.01E-05	0.005726	9.97E-02	0.097292	0.010082	2.96E-05	0.006317	0.113721
1646	495111.06	3858801.99	2.78103	7.01135	3.33563	2.62075	6.35E-02	0.00747	5E-05	0.00838	0.07936	8.39E-02	0.009879	4.08E-05	0.005202	9.91E-02	0.097239	0.009985	3.02E-05	0.005739	0.112992
1647	495161.06	3858801.99	2.76885	6.94068	3.39117	2.62454	6.32E-02	0.00739	5.1E-05	0.00839	0.07902	8.36E-02	0.009779	4.15E-05	0.005209	9.86E-02	0.096813	0.009885	3.07E-05	0.005747	0.112475
1648	495211.06	3858801.99	2.78339	6.86634	3.43427	2.62752	6.35E-02	0.00732	5.2E-05	0.0084	0.07929	8.40E-02	0.009674	4.2E-05	0.005215	9.89E-02	0.097321	0.009779	3.11E-05	0.005753	0.112884
1649	495261.06	3858801.99	2.80077	6.78844	3.49634	2.63093	6.39E-02	0.00723	5.3E-05	0.00841	0.07961	8.45E-02	0.009564	4.28E-05	0.005222	9.94E-02	0.097929	0.009668	3.16E-05	0.005761	0.113389
1650	495311.06	3858801.99	2.82872	6.70958	3.5576	2.63438	6.46E-02	0.00715	5.4E-05	0.00842	0.08018	8.54E-02	0.009453	4.35E-05	0.005229	1.00E-01	0.098906	0.009555	3.22E-05	0.005768	0.114262
1651	495361.06	3858801.99	2.84171	6.62701	3.61438	2.63766	6.49E-02	0.00706	5.4E-05	0.00843	0.0804	8.58E-02	0.009337	4.42E-05	0.005235	1.00E-01	0.09936	0.009438	3.27E-05	0.005776	0.114606
1652	495411.06	3858801.99	2.88028	6.54216	3.69063	2.64145	6.57E-02	0.00697	5.6E-05	0.00844	0.0812	8.69E-02	0.009217	4.52E-05	0.005243	1.01E-01	0.100709	0.009317	3.34E-05	0.005784	0.115843
1653	495461.06	3858801.99	2.89957	6.45282	3.73741	2.64442	6.62E-02	0.00687	5.6E-05	0.00845	0.08156	8.75E-02	0.009092	4.57E-05	0.005249	1.02E-01	0.101383	0.00919	3.38E-05	0.00579	0.116397
1654	495511.06	3858801.99	2.90573	6.36191	3.78512	2.64761	6.63E-02	0.00678	5.7E-05	0.00846	0.08161	8.77E-02	0.008964	4.63E-05	0.005255	1.02E-01	0.101599	0.00906	3.42E-05	0.005797	0.116491
1655	495561.06	3858801.99	2.91037	6.26994	3.80594	2.65122	6.64E-02	0.00668	5.7E-05	0.00848	0.08163	8.78E-02	0.008834	4.66E-05	0.005262	1.02E-01	0.101761	0.008929	3.44E-05	0.005805	0.11653
1656	495611.06	3858801.99	2.90748	6.17396	3.84634	2.65341	6.64E-02	0.00658	5.8E-05	0.00848	0.08147	8.78E-02	0.008699	4.71E-05	0.005267	1.02E-01	0.10166	0.008793	3.48E-05	0.00581	0.116297
1657	495661.06	3858801.99	2.9183	6.07641	3.88991	2.65627	6.66E-02	0.00647	5.9E-05	0.00849	0.08162	8.81E-02	0.008561	4.76E-05	0.005272	1.02E-01	0.102038	0.008654	3.52E-05	0.005816	0.116543
1658	494311.06	3858851.99	4.10889	7.10033	4.98491	5.01044	9.38E-02	0.00756	7.5E-05	0.01602	0.11743	1.24E-01	0.010004	6.1E-05	0.009945	1.44E-01	0.143667	0.010112	4.51E-05	0.010971	0.164795
1659	494361.06	3858851.99	4.44263	7.16101	5.48904	5.03428	1.01E-01	0.00763	8.3E-05	0.01609	0.12519	1.34E-01	0.010089	6.72E-05	0.009993	1.54E-01	0.155336	0.010198	4.97E-05	0.011023	0.176608
1660	494411.06	3858851.99	4.41696	7.20824	5.47473	5.04812	1.01E-01	0.00768	8.3E-05	0.01614	0.1247	1.33E-01	0.010156	6.7E-05	0.01002	1.54E-01	0.154439	0.010266	4.95E-05	0.011054	0.175808
1661	494461.06	3858851.99	4.42671	7.24861	5.52127	5.06278	1.01E-01	0.00772	8.3E-05	0.01619	0.12501	1.34E-01	0.010213	6.76E-05	0.010049	1.54E-01	0.15478	0.010323	4.99E-05	0.011086	0.176238
1662	494511.06	3858851.99	4.41747	7.27981	5.50209	5.07634	1.01E-01	0.00776	8.3E-05	0.01623	0.12488	1.33E-01	0.010257	6.73E-05	0.010076	1.54E-01	0.154457	0.010368	4.98E-05	0.011115	0.175989
1663	494561.06	3858851.99	4.34741	7.30657	5.42361	5.0892	9.92E-02	0.00778	8.2E-05	0.01627	0.12335	1.31E-01	0.010294	6.64E-05	0.010102	1.52E-01	0.152007	0.010406	4.91E-05	0.011144	0.173605
1664	494611.06	3858851.99	4.22979	7.32298	5.26795	5.09879	9.65E-02	0.0078	7.9E-05	0.0163	0.12071	1.28E-01	0.010318	6.45E-05	0.010121	1.48E-01	0.147894	0.010429	4.77E-05	0.011165	0.169536
1665	494661.06	3858851.99	4.08268	7.3329	5.06645	5.10668	9.32E-02	0.00781	7.6E-05	0.01633	0.11738	1.23E-01	0.010332	6.2E-05	0.010136	1.44E-01	0.142751	0.010443	4.58E-05	0.011182	0.164422
1666	494711.06	3858851.99	3.87386	7.33696	4.76975	5.11339	8.84E-02	0.00782	7.2E-05	0.01635	0.11264	1.17E-01	0.010337	5.84E-05	0.01015	1.37E-01	0.135449	0.010449	4.32E-05	0.011197	0.157138
1667	494761.06	3858851.99	3.66829	7.33302	4.48476	2.85958	8.37E-02	0.00781	6.8E-05	0.00914	0.10074	1.11E-01	0.010332	5.49E-05	0.005676	1.27E-01	0.128262	0.010443	4.06E-05	0.006262	0.145007
1668	494811.06	3858851.99	3.49187	7.32318	4.24963	2.86099	7.97E-02	0.0078	6.4E-05	0.00915	0.0967	1.05E-01	0.010318	5.2E-05	0.005679	1.21E-01	0.122093	0.010429	3.84E-05	0.006265	0.138825
1669	494861.06	3858851.99	3.36515	7.31028	4.09261	2.8636	7.68E-02	0.00779	6.2E-05	0.00916	0.0938	1.02E-01	0.0103	5.01E-05	0.005684	1.18E-01	0.117662	0.010411	3.7E-05	0.00627	0.134381
1670	494911.06	3858851.99	3.218	7.29149	3.87197	2.86548	7.34E-02	0.00777	5.8E-05	0.00916	0.09042	9.71E-02	0.010273	4.74E-05	0.005688	1.13E-01	0.112517	0.010384	3.5E-05	0.006274	0.129211
1671	494961.06	3858851.99	3.10051	7.2638	3.6782	2.86735	7.08E-02	0.00774	5.5E-05	0.00917	0.08772	9.36E-02	0.010234	4.5E-05	0.005691	1.10E-01	0.108409	0.010345	3.33E-05	0.006279	0.125066
1672	495011.06	3858851.99	3.01073	7.23353	3.51679	2.87016	6.87E-02	0.00771	5.3E-05	0.00918	0.08564	9.09E-02	0.010192	4.3E-05	0.005697	1.07E-01	0.10527	0.010302	3.18E-05	0.006285	0.121888
1673	495061.06	3858851.99	2.89458	7.19917	3.36028	2.87211	6.61E-02	0.00767	5.1E-05	0.00918	0.08296	8.74E-02	0.010143	4.11E-05	0.005701	1.03E-01	0.101209	0.010253	3.04E-05	0.006289	0.117781
1674	495111.06	3858851.99	2.68287	7.15506	3.11612	2.8724	6.12E-02	0.00762	4.7E-05	0.00918	0.07808	8.10E-02	0.010081	3.81E-05	0.005701	9.68E-02	0.093806	0.01019	2.82E-05	0.00629	0.110314
1675	495161.06	3858851.99	2.684	7.10806	3.05528	2.6002	6.13E-02	0.00757	4.6E-05	0.00831	0.07718	8.10E-02	0.010015	3.74E-05	0.005161	9.62E-02	0.093846	0.010123	2.76E-05	0.005694	0.10969
1676	495211.06	3858851.99	2.7217	7.06161	3.12101	2.60448	6.21E-02	0.00752	4.7E-05	0.00833	0.07801	8.21E-02	0.009949	3.82E-05	0.00517	9.73E-02	0.095164	0.010057	2.82E-05	0.005703	0.110952
1677	495261.06	3858851.99	2.74053	7.00799	3.1853	2.6088	6.25E-02	0.00747	4.8E-05	0.00834	0.0784	8.27E-02	0.009874	3.9E-05	0.005178	9.78E-02	0.095822	0.00998	2.88E-05	0.005712	0.111544
1678	495311.06	3858851.99	2.76825	6.95042	3.24929	2.88561	6.32E-02	0.0074	4.9E-05	0.00923	0.07985	8.35E-02	0.009793	3.98E-05	0.005728	9.91E-02	0.096792	0.009898	2.94E-05	0.006319	0.113038
1679	495361.06	3858851.99	2.78942	6.88866	3.31213	2.88974	6.37E-02	0.00734	5E-05	0.00924	0.08028	8.42E-02	0.009706	4.05E-05	0.005736	9.97E-02	0.097532	0.00981	3E-05	0.006328	0.1137
1680	495411.06	3858851.99	2.80732	6.82354	3.37412	2.89306	6.41E-02	0.00727	5.1E-05	0.00925	0.08063	8.47E-02	0.009614	4.13E-05	0.005742	1.00E-01	0.098158	0.009718	3.05E-05	0.006335	0.114241
1681	495461.06	3858851.99	2.8314	6.75602	3.43535	2.89706	6.46E-02	0.0072	5.2E-05	0.00926	0.08113	8.55E-02	0.009519	4.2E-05	0.00575	1.01E-01	0.099	0.009622	3.11E-05	0.006344	0.114996
1682	495511.06	3858851.99	2.85257	6.68396	3.4961	2.90035	6.51E-02	0.00712	5.3E-05	0.00927	0.08154	8.61E-02	0.009417	4.28E-05	0.005757	1.01E-01	0.09974	0.009519	3.16E-05	0.006351	0.115641
1683	495561.06	3858851.99	2.84942	6.60572	3.5527	2.63129	6.50E-02	0.00704	5.4E-05	0.00841	0.08053	8.60E-02	0.009307	4.35E-05	0.005223	1.01E-01	0.09963	0.009408	3.21E-05	0.005762	0.114831
1684	495611.06	3858851.99	2.84789	6.52621	3.60968	2.63509	6.50E-02	0.00695	5.4E-05	0.00842	0.08042	8.60E-02	0.009195	4.42E-05	0.00523	1.00E-01	0.099576	0.009294	3.27E-05	0.00577	0.114673
1685	495661.06	3858851.99	2.86956	6.44707	3.66695	2.63917	6.55E-02	0.00687	5.5E-05	0.00844	0.08085	8.66E-02	0.009084	4.49E-05	0.005238	1.01E-01	0.100334	0.009182	3.32E-05	0.005779	0.115328
1686	494311.06	3858901.99	4.52395	7.47073	5.65494	4.90799	1.03E-01	0.00796	8.5E-05	0.01569	0.12698	1.37E-01	0.010526	6.92E-05	0.009742	1.57E-01	0.15818	0.010639	5.12E-05	0.010747	0.179617
1687	494361.06	3858901.99	4.77031	7.95188	5.98754	4.93464	1.09E-01	0.00847	9E-05	0.01578	0.1332	1.44E-01	0.011204	7.33E-05	0.009795	1.65E-01	0.166794	0.011325	5.42E-05	0.010805	0.188978
1688	494411.06	3858901.99	4.78683	7.90085	6.04013	4.95485	1.09E-01	0.00842	9.1E-05	0.01584	0.13359	1.44E-01	0.011132	7.39E-05	0.009835	1.66E-01	0.167371	0.011252	5.46E-05	0.010849	0.189527
1689	494461.06	3858901.99	4.8151	7.90762	6.07993	4.97291	1.10E-01	0.00842	9.2E-05	0.0159	0.1343	1.45E-01	0.011141	7.44E-05	0.009871	1.66E-01	0.16836	0.011262	5.5E-05	0.010889	0.190565
1690	494511.06	3858901.99	4.78955	7.75731	6.07111	4.9909	1.09E-01	0.00826	9.1E-05	0.01596	0.13361	1.45E-01	0.01093	7.43E-05	0.009906	1.65E-01	0.167466	0.011048	5.49E-05	0.010928	0.189497
1691	494561.06	3858901.99	4.67822	7.39094	5.91518	5.00489	1.07E-01	0.00787	8.9E-05	0.016	0.13072	1.41E-01	0.010413	7.24E-05	0.009934	1.62E-01	0.163574	0.010526	5.35E-05	0.010959	0.185112
1692	494611.06	3858901.99	4.4857	7.01931	5.62318	5.01586	1.02E-01	0.00748	8.5E-05	0.01604	0.12597	1.35E-01	0.00989	6.88E-05	0.009956	1.55E-01	0.156842	0.009997	5.09E-05	0.010983	0.177873
1693	494661.06	3858901.99	4.37251	7.06424	5.47054	5.0306	9.98E-02	0.00753	8.2E-05	0.01608	0.12348	1.32E-01	0.009953	6.7E-05	0.009985	1.52E-01	0.152885	0.010061	4.95E-05	0.011015	0.17401
1694	494711.06	3858901.99	4.18673	7.09521	5.20052	5.04084	9.55E-02	0.00756	7.8E-05	0.01612	0.1193	1.26E-01	0.009997	6.36E-05	0.010006	1.46E-01	0.146389	0.010105	4.7E-05	0.011038	0.167578
1695	494761.06	3858901.99	3.96446	7.1221	4.87828	5.04971	9.05E-02	0.00759	7.4E-05	0.01614	0.11428	1.20E-01	0.010035	5.97E-05	0.010023	1.40E-01	0.138617	0.010143	4.41E-05	0.011057	0.159861
1696	494811.06	3858901.99	3.82528	7.14784	4.69408	2.84885	8.73E-02	0.00761	7.1E-05	0.00911	0.10409	1.15E-01	0.010071	5.75E-05	0.005655	1.31E-01	0.133751	0.01018	4.25E-05	0.006238	0.150211
1697	494861.06	3858901.99	3.7132	7.16251	4.55471	2.85144	8.47E-02	0.00763	6.9E-05	0.00912	0.10155	1.12E-01	0.010092	5.57E-05	0.00566	1.28E-01	0.129832	0.0102	4.12E-05	0.006244	0.146317
1698	494911.06	3858901.99	3.48697	7.17103	4.24149	2.85186	7.96E-02	0.00764	6.4E-05	0.00912	0.0964	1.05E-01	0.010104	5.19E-05	0.005661	1.21E-01	0.121922	0.010213	3.84E-05	0.006245	0.138417
1699	494961.06	3858901.99	3.35263	7.17798	4.07247	2.85488	7.65E-02	0.00765	6.1E-05	0.00913	0.09335	1.01E-01	0.010113	4.98E-05	0.005667	1.17E-01	0.117225	0.010222	3.68E-05	0.006251	0.133735
1700	495011.06	3858901.99	3.21853	7.17621	3.90527	2.85722	7.34E-02	0.00765	5.9E-05	0.00913	0.09029	9.71E-02	0.010111	4.78E-05	0.005671	1.13E-01	0.112536	0.01022	3.53E-05	0.006256	0.129047
1701	495061.06	3858901.99	3.0476	7.16703	3.6656	2.85864	6.95E-02	0.00764	5.5E-05	0.00914	0.08638	9.20E-02	0.010098	4.49E-05	0.005674	1.08E-01	0.106559	0.010207	3.32E-05	0.006259	0.123059
1702	495111.06	3858901.99	2.80611	7.15323	3.33296	2.85874	6.40E-02	0.00762	5E-05	0.00914	0.08085	8.47E-02	0.010078	4.08E-05	0.005674	1.00E-01	0.098115	0.010187	3.02E-05	0.00626	0.114593
1703	495161.06	3858901.99	2.75892	7.13645	3.22473	2.86232	6.30E-02	0.0076	4.9E-05	0.00915	0.07976	8.33E-02	0.010055	3.95E-05	0.005681	9.90E-02	0.096465	0.010163	2.92E-05	0.006268	0.112926
1704	495211.06	3858901.99	2.83984	7.11585	3.31177	2.86696	6.48E-02	0.00758	5E-05	0.00917	0.0816	8.57E-02	0.010026	4.05E-05	0.005691	1.01E-01	0.099295	0.010134	3E-05	0.006278	0.115737

1705	495261.06	3858901.99	2.84699	7.08896	3.33294	2.86989		6.50E-02	0.00755	5E-05	0.00918	0.08175		8.59E-02	0.009988	4.08E-05	0.005696	1.02E-01		0.099545	0.010096	3.02E-05	0.006284	0.115955			
1706	495311.06	3858901.99	2.82785	7.05787	3.32347	2.87346		6.45E-02	0.00752	5E-05	0.00919	0.08129		8.53E-02	0.009944	4.07E-05	0.005704	1.01E-01		0.098876	0.010051	3.01E-05	0.006292	0.115249			
1707	495361.06	3858901.99	2.81207	7.02163	3.35962	2.87706		6.42E-02	0.00748	5.1E-05	0.0092	0.0809		8.49E-02	0.009893	4.11E-05	0.005711	1.01E-01		0.098324	0.01	3.04E-05	0.0063	0.114654			
1708	495411.06	3858901.99	2.82704	6.98038	3.43723	2.88125		6.45E-02	0.00744	5.2E-05	0.00921	0.08122		8.53E-02	0.009835	4.21E-05	0.005719	1.01E-01		0.098847	0.009941	3.11E-05	0.006309	0.115128			
1709	495461.06	3858901.99	2.78082	6.93511	3.44117	2.88397		6.35E-02	0.00739	5.2E-05	0.00922	0.08012		8.39E-02	0.009771	4.21E-05	0.005724	9.95E-02		0.097231	0.009877	3.11E-05	0.006315	0.113454			
1710	495511.06	3858901.99	2.75166	6.88351	3.40126	2.88677		6.28E-02	0.00733	5.1E-05	0.00923	0.07941		8.30E-02	0.009698	4.16E-05	0.00573	9.85E-02		0.096212	0.009803	3.08E-05	0.006321	0.112367			
1711	495561.06	3858901.99	2.77177	6.8301	3.37999	2.88946		6.33E-02	0.00728	5.1E-05	0.00924	0.07982		8.37E-02	0.009623	4.14E-05	0.005735	9.91E-02		0.096915	0.009727	3.06E-05	0.006327	0.112999			
1712	495611.06	3858901.99	2.77636	6.77064	3.321	2.8924		6.34E-02	0.00721	5E-05	0.00925	0.07987		8.38E-02	0.009539	4.06E-05	0.005741	9.91E-02		0.097075	0.009642	3E-05	0.006333	0.113081			
1713	495661.06	3858901.99	2.7975	6.70918	3.36826	2.89625		6.38E-02	0.00715	5.1E-05	0.00926	0.0803		8.44E-02	0.009453	4.12E-05	0.005749	9.97E-02		0.097814	0.009555	3.05E-05	0.006342	0.113742			
1714	494311.06	3858951.99	5.06473	9.05631	6.47003	4.77653		1.16E-01	0.00965	9.8E-05	0.01527	0.1406		1.53E-01	0.01276	7.92E-05	0.009481	1.75E-01		0.177088	0.012898	5.85E-05	0.010459	0.200503			
1715	494361.06	3858951.99	5.15369	9.23671	6.60767	4.80469		1.18E-01	0.00984	1E-04	0.01536	0.14291		1.56E-01	0.013014	8.09E-05	0.009537	1.78E-01		0.180198	0.013154	5.98E-05	0.010521	0.203933			
1716	494411.06	3858951.99	5.0839	9.01902	6.51058	4.82762		1.16E-01	0.00961	9.8E-05	0.01543	0.14116		1.53E-01	0.012707	7.97E-05	0.009582	1.76E-01		0.177758	0.012844	5.89E-05	0.010571	0.201232			
1717	494461.06	3858951.99	5.11864	9.093	6.5618	4.85246		1.17E-01	0.00969	9.9E-05	0.01551	0.14211		1.54E-01	0.012811	8.03E-05	0.009632	1.77E-01		0.178973	0.01295	5.94E-05	0.010625	0.202607			
1718	494511.06	3858951.99	5.06049	8.89325	6.49109	4.87508		1.15E-01	0.00947	9.8E-05	0.01559	0.14064		1.53E-01	0.01253	7.94E-05	0.009677	1.75E-01		0.17694	0.012665	5.87E-05	0.010675	0.200339			
1719	494561.06	3858951.99	4.95584	8.56469	6.3395	4.89423		1.13E-01	0.00912	9.6E-05	0.01565	0.13796		1.50E-01	0.012067	7.76E-05	0.009715	1.71E-01		0.173281	0.012197	5.74E-05	0.010717	0.196252			
1720	494611.06	3858951.99	4.79903	8.09834	6.09817	4.91145		1.10E-01	0.00863	9.2E-05	0.0157	0.13394		1.45E-01	0.01141	7.46E-05	0.009749	1.66E-01		0.167798	0.011533	5.52E-05	0.010754	0.190141			
1721	494661.06	3858951.99	4.6506	7.65479	5.87599	4.92869		1.06E-01	0.00815	8.9E-05	0.01576	0.13013		1.40E-01	0.010785	7.19E-05	0.009783	1.61E-01		0.162608	0.010902	5.32E-05	0.010792	0.184355			
1722	494711.06	3858951.99	4.43636	7.05548	5.54698	4.94358		1.01E-01	0.00752	8.4E-05	0.0158	0.12465		1.34E-01	0.009941	6.79E-05	0.009812	1.54E-01		0.155117	0.010048	5.02E-05	0.010825	0.17604			
1723	494761.06	3858951.99	4.2739	6.77604	5.31196	4.95851		9.75E-02	0.00722	8E-05	0.01585	0.12069		1.29E-01	0.009547	6.5E-05	0.009842	1.48E-01		0.149437	0.00965	4.81E-05	0.010857	0.169992			
1724	494811.06	3858951.99	4.15664	6.8273	5.1551	4.97417		9.49E-02	0.00727	7.8E-05	0.0159	0.11811		1.25E-01	0.009619	6.31E-05	0.009873	1.45E-01		0.145337	0.009723	4.66E-05	0.010892	0.165998			
1725	494861.06	3858951.99	4.03635	6.87401	4.99591	4.98819		9.21E-02	0.00732	7.5E-05	0.01595	0.11546		1.22E-01	0.009685	6.11E-05	0.009901	1.41E-01		0.141131	0.00979	4.52E-05	0.010922	0.161888			
1726	494911.06	3858951.99	3.86269	6.9142	4.75428	2.84072		8.81E-02	0.00737	7.2E-05	0.00908	0.10467		1.17E-01	0.009742	5.82E-05	0.005639	1.32E-01		0.135059	0.009847	4.3E-05	0.00622	0.151169			
1727	494961.06	3858951.99	3.76422	6.94733	4.63489	2.8434		8.59E-02	0.0074	7E-05	0.00909	0.10246		1.14E-01	0.009788	5.67E-05	0.005644	1.29E-01		0.131616	0.009894	4.19E-05	0.006226	0.147778			
1728	495011.06	3858951.99	3.49723	6.97244	4.25633	2.84331		7.98E-02	0.00743	6.4E-05	0.00909	0.09639		1.06E-01	0.009824	5.21E-05	0.005644	1.21E-01		0.12228	0.00993	3.85E-05	0.006226	0.138475			
1729	495061.06	3858951.99	3.2408	6.99372	3.90359	2.84391		7.40E-02	0.00745	5.9E-05	0.00909	0.09056		9.78E-02	0.009854	4.78E-05	0.005645	1.13E-01		0.113314	0.00996	3.53E-05	0.006227	0.129537			
1730	495111.06	3858951.99	3.04014	7.00727	3.63972	2.84545		6.94E-02	0.00747	5.5E-05	0.0091	0.086		9.18E-02	0.009873	4.45E-05	0.005648	1.07E-01		0.106298	0.009979	3.29E-05	0.006231	0.122541			
1731	495161.06	3858951.99	3.09235	7.02168	3.74856	2.8503		7.06E-02	0.00748	5.6E-05	0.00911	0.08722		9.33E-02	0.009893	4.59E-05	0.005658	1.09E-01		0.108124	0.01	3.39E-05	0.006241	0.124399			
1732	495211.06	3858951.99	3.10302	7.03112	3.72002	2.85408		7.08E-02	0.00749	5.6E-05	0.00912	0.08748		9.37E-02	0.009906	4.55E-05	0.005665	1.09E-01		0.108497	0.010013	3.37E-05	0.006249	0.124793			
1733	495261.06	3858951.99	3.11901	7.03124	3.71977	2.85841		7.12E-02	0.00749	5.6E-05	0.00914	0.08786		9.41E-02	0.009907	4.55E-05	0.005674	1.10E-01		0.109056	0.010014	3.37E-05	0.006259	0.125362			
1734	495311.06	3858951.99	3.04209	7.02524	3.61557	2.86119		6.94E-02	0.00748	5.4E-05	0.00915	0.08611		9.18E-02	0.009898	4.43E-05	0.005679	1.07E-01		0.106367	0.010005	3.27E-05	0.006265	0.122669			
1735	495361.06	3858951.99	3.06223	7.01752	3.65421	2.865		6.99E-02	0.00748	5.5E-05	0.00916	0.08657		9.24E-02	0.009887	4.47E-05	0.005687	1.08E-01		0.107071	0.009994	3.31E-05	0.006273	0.123371			
1736	495411.06	3858951.99	3.0939	7.0023	3.71714	2.86803		7.06E-02	0.00746	5.6E-05	0.00917	0.08729		9.34E-02	0.009866	4.55E-05	0.005693	1.09E-01		0.108178	0.009972	3.36E-05	0.00628	0.124464			
1737	495461.06	3858951.99	3.06579	6.98305	3.70013	2.87205		7.00E-02	0.00744	5.6E-05	0.00918	0.08664		9.25E-02	0.009839	4.53E-05	0.005701	1.08E-01		0.107195	0.009945	3.35E-05	0.006289	0.123462			
1738	495511.06	3858951.99	3.06475	6.95863	3.7302	2.87594		6.99E-02	0.00741	5.6E-05	0.00919	0.0866		9.25E-02	0.009804	4.57E-05	0.005708	1.08E-01		0.107159	0.00991	3.37E-05	0.006297	0.1234			
1739	495561.06	3858951.99	2.92717	6.92672	3.56089	2.87805		6.68E-02	0.00738	5.4E-05	0.0092	0.08343		8.83E-02	0.009759	4.36E-05	0.005713	1.04E-01		0.102348	0.009865	3.22E-05	0.006302	0.118547			
1740	495611.06	3858951.99	2.84675	6.89156	3.48922	2.88028		6.50E-02	0.00734	5.3E-05	0.00921	0.08157		8.59E-02	0.00971	4.27E-05	0.005717	1.01E-01		0.099536	0.009815	3.16E-05	0.006307	0.115689			
1741	495661.06	3858951.99	2.83833	6.85476	3.55067	2.88397		6.48E-02	0.0073	5.4E-05	0.00922	0.08135		8.57E-02	0.009658	4.35E-05	0.005724	1.01E-01		0.099242	0.009762	3.21E-05	0.006315	0.115351			
1742	494311.06	3859001.99	5.46595	10.00046	7.11655	4.60202		1.25E-01	0.01065	0.00011	0.01471	0.15021		1.65E-01	0.01409	8.71E-05	0.009135	1.88E-01		0.191117	0.014242	6.44E-05	0.010077	0.2155			
1743	494361.06	3859001.99	5.45594	10.01203	7.11118	4.63507		1.25E-01	0.01067	0.00011	0.01482	0.1501		1.65E-01	0.014106	8.7E-05	0.0092	1.88E-01		0.190767	0.014259	6.43E-05	0.010149	0.215239			
1744	494411.06	3859001.99	5.4494	10.05882	7.08647	4.66582		1.24E-01	0.01072	0.00011	0.01492	0.1501		1.64E-01	0.014172	8.67E-05	0.009261	1.88E-01		0.190538	0.014325	6.41E-05	0.010217	0.215144			
1745	494461.06	3859001.99	5.40093	9.9541	7.02649	4.69627		1.23E-01	0.0106	0.00011	0.01501	0.14898		1.63E-01	0.014025	8.6E-05	0.009322	1.86E-01		0.188843	0.014176	6.36E-05	0.010283	0.213366			
1746	494511.06	3859001.99	5.34748	9.82637	6.96014	4.72558		1.22E-01	0.01047	0.0001	0.01511	0.14771		1.61E-01	0.013845	8.52E-05	0.00938	1.85E-01		0.186974	0.013994	6.3E-05	0.010347	0.211379			
1747	494561.06	3859001.99	5.2035	9.4488	6.73041	4.75002		1.19E-01	0.01007	0.0001	0.01519	0.1441		1.57E-01	0.013313	8.24E-05	0.009428	1.80E-01		0.18194	0.013456	6.09E-05	0.010401	0.205858			
1748	494611.06	3859001.99	5.06769	9.08115	6.5184	4.77445		1.16E-01	0.00967	9.8E-05	0.01526	0.14069		1.53E-01	0.012795	7.98E-05	0.009477	1.75E-01		0.177191	0.012933	5.9E-05	0.010454	0.200638			
1749	494661.06	3859001.99	4.89728	8.61432	6.24827	4.79704		1.12E-01	0.00918	9.4E-05	0.01534	0.13637		1.48E-01	0.012137	7.65E-05	0.009522	1.70E-01		0.171233	0.012268	5.65E-05	0.010504	0.194062			
1750	494711.06	3859001.99	4.69142	8.05443	5.92242	4.81591		1.07E-01	0.00858	8.9E-05	0.0154	0.13113		1.42E-01	0.011348	7.25E-05	0.009559	1.63E-01		0.164035	0.011471	5.36E-05	0.010545	0.186105			
1751	494761.06	3859001.99	4.56387	7.69205	5.73669	4.83772		1.04E-01	0.00819	8.6E-05	0.01547	0.1279		1.38E-01	0.010838	7.02E-05	0.009602	1.58E-01		0.159575	0.010955	5.19E-05	0.010593	0.181175			
1752	494811.06	3859001.99	4.48412	7.44815	5.63487	4.85946		1.02E-01	0.00793	8.5E-05	0.01554	0.12589		1.35E-01	0.010494	6.9E-05	0.009646	1.56E-01		0.156787	0.010607	5.1E-05	0.010641	0.178086			
1753	494861.06	3859001.99	4.34007	7.04457	5.42733	4.87842		9.90E-02	0.0075	8.2E-05	0.0156	0.12223		1.31E-01	0.009925	6.64E-05	0.009683	1.51E-01		0.15175	0.010032	4.91E-05	0.010682	0.172514			
1754	494911.06	3859001.99	4.18405	6.61866	5.20411	4.89608		9.55E-02	0.00705	7.8E-05	0.01565	0.11827		1.26E-01	0.009325	6.37E-05	0.009718	1.45E-01		0.146295	0.009426	4.71E-05	0.010721	0.166489			
1755	494961.06	3859001.99	4.02232	6.58926	4.97605	10.73573		9.18E-02	0.00702	7.5E-05	0.03432	0.13321		1.21E-01	0.009284	6.09E-05	0.021309	1.52E-01		0.14064	0.009384	4.5E-05	0.023508	0.173577			
1756	495011.06	3859001.99	3.59551	6.6351	4.34192	2.82701		8.21E-02	0.00707	6.5E-05	0.00904	0.09822		1.09E-01	0.009348	5.31E-05	0.005611	1.24E-01		0.125717	0.009449	3.93E-05	0.00619	0.141396			
1757	495061.06	3859001.99	3.50469	6.68553	4.23481	2.83057		8.00E-02	0.00712	6.4E-05	0.00905	0.09622		1.06E-01	0.009419	5.18E-05	0.005618	1.21E-01		0.122541	0.009521	3.83E-05	0.006198	0.138299			
1758	495111.06	3859001.99	3.31663	6.73006	3.98357	2.83218		7.57E-02	0.00717	6E-05	0.00905	0.09197		1.00E-01	0.009482	4.88E-05	0.005622	1.15E-01		0.115966	0.009585	3.6E-05	0.006202	0.131788			
1759	495161.06	3859001.99	3.43277	6.77293	4.19099	2.83799		7.83E-02	0.00722	6.3E-05	0.00907	0.09469		1.04E-01	0.009543	5.13E-05	0.005633	1.19E-01		0.120027	0.009646	3.79E-05	0.006214	0.135924			
1760	495211.06	3859001.99	3.37298	6.80715	4.13446	2.84153		7.70E-02	0.00725	6.2E-05	0.00908	0.09337		1.02E-01	0.009591	5.06E-05	0.00564	1.17E-01		0.117936	0.009694	3.74E-05	0.006222	0.13389			
1761	495261.06	3859001.99	3.35966	6.83755	4.1197	2.84525		7.67E-02	0.00728	6.2E-05	0.0091	0.09311		1.01E-01	0.009634	5.04E-05	0.005648	1.17E-01		0.11747	0.009738	3.73E-05	0.00623	0.133475			
1762	495311.06	3859001.99	3.33783	6.86	4.05366	2.84825		7.62E-02	0.00731	6.1E-05	0.00911	0.09265		1.01E-01	0.009665	4.96E-05	0.005653	1.16E-01		0.116707	0.00977	3.67E-05	0.006237	0.13275			
1763	495361.06	3859001.99	3.35838	6.87821	4.08234	2.85225		7.66E-02	0.00733	6.2E-05	0.00912	0.09315		1.01E-01	0.009691	5E-05	0.005661	1.17E-01		0.117426	0.009796	3.69E-05	0.006245	0.133504			
1764	495411.06	3859001.99	3.35243	6.89067	4.07912	2.85603		7.65E-02	0.00734	6.1E-05	0.00913	0.09304		1.01E-01	0.009709	4.99E-05	0.005669	1.17E-01		0.117218	0.009813	3.69E-05	0.006254	0.133322			
1765	495461.06	3859001.99	3.353	6.89824	4.09135	2.85984		7.65E-02	0.00735	6.2E-05	0.00914	0.09307		1.01E-01	0.009719	5.01E-05	0.005676	1.17E-01		0.117237	0.009824	3.7E-05	0.006262	0.133361			

1766	495511.06	3859001.99	3.25468	6.89736	3.96386	2.86245	7.43E-02	0.00735	6E-05	0.00915	0.09083	9.82E-02	0.009718	4.85E-05	0.005682	1.14E-01	0.1138	0.009823	3.59E-05	0.006268	0.129926
1767	495561.06	3859001.99	3.20354	6.8941	3.91036	2.86544	7.31E-02	0.00734	5.9E-05	0.00916	0.08967	9.67E-02	0.009713	4.79E-05	0.005688	1.12E-01	0.112012	0.009818	3.54E-05	0.006274	0.12814
1768	495611.06	3859001.99	3.141	6.88492	3.84505	2.86863	7.17E-02	0.00733	5.8E-05	0.00917	0.08824	9.48E-02	0.0097	4.71E-05	0.005694	1.10E-01	0.109825	0.009805	3.48E-05	0.006281	0.125946
1769	495661.06	3859001.99	3.19041	6.87185	3.95652	2.873	7.28E-02	0.00732	6E-05	0.00919	0.08937	9.63E-02	0.009682	4.84E-05	0.005703	1.12E-01	0.111553	0.009787	3.58E-05	0.006291	0.127666
1770	494311.06	3859051.99	5.78506	10.34492	7.65621	4.3815	1.32E-01	0.01102	0.00012	0.01401	0.15716	1.75E-01	0.014575	9.37E-05	0.008697	1.98E-01	0.202274	0.014733	6.93E-05	0.009594	0.22667
1771	494361.06	3859051.99	5.79851	10.52095	7.66525	4.42277	1.32E-01	0.01121	0.00012	0.01414	0.15779	1.75E-01	0.014823	9.38E-05	0.008779	1.99E-01	0.202745	0.014983	6.93E-05	0.009684	0.227482
1772	494411.06	3859051.99	5.73003	10.46887	7.5647	4.46089	1.31E-01	0.01115	0.00011	0.01426	0.15629	1.73E-01	0.01475	9.26E-05	0.008854	1.97E-01	0.20035	0.014909	6.84E-05	0.009768	0.225096
1773	494461.06	3859051.99	5.64492	10.35846	7.43533	4.49839	1.29E-01	0.01104	0.00011	0.01438	0.15435	1.70E-01	0.014594	9.1E-05	0.008929	1.94E-01	0.197374	0.014752	6.73E-05	0.00985	0.222044
1774	494511.06	3859051.99	5.53187	10.16269	7.25609	4.53352	1.26E-01	0.01083	0.00011	0.01449	0.15167	1.67E-01	0.014319	8.88E-05	0.008999	1.90E-01	0.193422	0.014473	6.56E-05	0.009927	0.217887
1775	494561.06	3859051.99	5.43468	9.98248	7.10708	4.56763	1.24E-01	0.01063	0.00011	0.0146	0.14937	1.64E-01	0.014065	8.7E-05	0.009066	1.87E-01	0.190023	0.014217	6.43E-05	0.010002	0.214306
1776	494611.06	3859051.99	5.29839	9.68693	6.88833	4.59919	1.21E-01	0.01032	0.0001	0.0147	0.14604	1.60E-01	0.013648	8.43E-05	0.009129	1.83E-01	0.185258	0.013796	6.23E-05	0.010071	0.209187
1777	494661.06	3859051.99	5.14714	9.33511	6.64516	4.62873	1.17E-01	0.00995	0.0001	0.0148	0.14231	1.55E-01	0.013153	8.13E-05	0.009188	1.78E-01	0.179969	0.013295	6.01E-05	0.010135	0.20346
1778	494711.06	3859051.99	5.00334	8.98846	6.41849	4.65677	1.14E-01	0.00958	9.7E-05	0.01489	0.13874	1.51E-01	0.012664	7.86E-05	0.009243	1.73E-01	0.174941	0.012801	5.81E-05	0.010197	0.197997
1779	494761.06	3859051.99	4.85076	8.60663	6.1799	4.68399	1.11E-01	0.00917	9.3E-05	0.01497	0.13494	1.46E-01	0.012126	7.56E-05	0.009297	1.68E-01	0.169607	0.012257	5.59E-05	0.010256	0.192176
1780	494811.06	3859051.99	4.74084	8.32419	6.01906	4.71149	1.08E-01	0.00887	9.1E-05	0.01506	0.13221	1.43E-01	0.011728	7.37E-05	0.009352	1.64E-01	0.165763	0.011855	5.45E-05	0.010317	0.187989
1781	494861.06	3859051.99	4.62583	8.02124	5.8522	4.73655	1.06E-01	0.00855	8.8E-05	0.01514	0.12934	1.40E-01	0.011301	7.16E-05	0.009402	1.60E-01	0.161742	0.011423	5.29E-05	0.010371	0.18359
1782	494911.06	3859051.99	4.44437	7.54813	5.57586	4.75957	1.01E-01	0.00804	8.4E-05	0.01522	0.12477	1.34E-01	0.010635	6.82E-05	0.009447	1.54E-01	0.155397	0.01075	5.04E-05	0.010422	0.176619
1783	494961.06	3859051.99	4.1674	6.84876	5.15069	4.77912	9.51E-02	0.0073	7.8E-05	0.01528	0.11776	1.26E-01	0.009649	6.3E-05	0.009486	1.45E-01	0.145713	0.009754	4.66E-05	0.010465	0.165978
1784	495011.06	3859051.99	3.95652	6.32123	4.8439	2.81473	9.03E-02	0.00673	7.3E-05	0.009	0.1061	1.19E-01	0.008906	5.93E-05	0.005587	1.34E-01	0.138339	0.009002	4.38E-05	0.006163	0.153549
1785	495061.06	3859051.99	3.81367	6.26878	4.64961	2.81765	8.70E-02	0.00668	7E-05	0.00901	0.10279	1.15E-01	0.008832	5.69E-05	0.005593	1.30E-01	0.133345	0.008928	4.21E-05	0.00617	0.148484
1786	495111.06	3859051.99	3.73466	6.33716	4.557	2.82123	8.52E-02	0.00675	6.9E-05	0.00902	0.10107	1.13E-01	0.008929	5.58E-05	0.0056	1.27E-01	0.130582	0.009025	4.12E-05	0.006178	0.145826
1787	495161.06	3859051.99	3.78613	6.40546	4.67034	2.82558	8.64E-02	0.00682	7E-05	0.00903	0.10233	1.14E-01	0.009025	5.72E-05	0.005608	1.29E-01	0.132382	0.009122	4.23E-05	0.006187	0.147733
1788	495211.06	3859051.99	3.68433	6.46559	4.54485	2.82819	8.41E-02	0.00689	6.8E-05	0.00904	0.10008	1.11E-01	0.00911	5.56E-05	0.005614	1.26E-01	0.128822	0.009208	4.11E-05	0.006193	0.144264
1789	495261.06	3859051.99	3.6862	6.51981	4.58473	2.8324	8.41E-02	0.00695	6.9E-05	0.00906	0.10019	1.11E-01	0.009186	5.61E-05	0.005622	1.26E-01	0.128888	0.009285	4.15E-05	0.006202	0.144416
1790	495311.06	3859051.99	3.60488	6.56878	4.49383	2.83561	8.23E-02	0.007	6.8E-05	0.00907	0.0984	1.09E-01	0.009255	5.5E-05	0.005628	1.24E-01	0.126044	0.009355	4.07E-05	0.006209	0.141649
1791	495361.06	3859051.99	3.60052	6.61454	4.45219	2.83968	8.22E-02	0.00705	6.7E-05	0.00908	0.09836	1.09E-01	0.009319	5.45E-05	0.005636	1.24E-01	0.125892	0.00942	4.03E-05	0.006218	0.14157
1792	495411.06	3859051.99	3.63116	6.65154	4.49243	2.84388	8.29E-02	0.00709	6.8E-05	0.00909	0.09911	1.10E-01	0.009372	5.5E-05	0.005645	1.25E-01	0.126963	0.009473	4.06E-05	0.006227	0.142704
1793	495461.06	3859051.99	3.65321	6.68588	4.52644	2.84767	8.34E-02	0.00712	6.8E-05	0.0091	0.09966	1.10E-01	0.00942	5.54E-05	0.005652	1.25E-01	0.127734	0.009522	4.09E-05	0.006235	0.143532
1794	495511.06	3859051.99	3.55197	6.71281	4.3868	2.85015	8.11E-02	0.00715	6.6E-05	0.00911	0.09739	1.07E-01	0.009458	5.37E-05	0.005657	1.22E-01	0.124194	0.00956	3.97E-05	0.006241	0.140035
1795	495561.06	3859051.99	3.47967	6.73266	4.29207	2.85266	7.94E-02	0.00717	6.5E-05	0.00912	0.09577	1.05E-01	0.009486	5.25E-05	0.005662	1.20E-01	0.121666	0.009588	3.88E-05	0.006246	0.13754
1796	495611.06	3859051.99	3.41708	6.74897	4.21542	2.85547	7.80E-02	0.00719	6.4E-05	0.00913	0.09436	1.03E-01	0.009509	5.16E-05	0.005668	1.18E-01	0.119478	0.009612	3.81E-05	0.006253	0.13538
1797	495661.06	3859051.99	3.46422	6.76384	4.3088	2.86083	7.91E-02	0.00721	6.5E-05	0.00915	0.09547	1.05E-01	0.00953	5.27E-05	0.005678	1.20E-01	0.121126	0.009633	3.9E-05	0.006264	0.137062
1798	494311.06	3859101.99	6.09148	10.32568	8.15236	4.11236	1.39E-01	0.011	0.00012	0.01315	0.16328	1.84E-01	0.014548	9.98E-05	0.008163	2.07E-01	0.212988	0.014705	7.38E-05	0.009005	0.236772
1799	494361.06	3859101.99	6.03553	10.35167	8.07164	4.16278	1.38E-01	0.01103	0.00012	0.01331	0.16219	1.82E-01	0.014585	9.88E-05	0.008263	2.05E-01	0.211032	0.014742	7.3E-05	0.009115	0.234962
1800	494411.06	3859101.99	5.99014	10.43364	8.01185	4.21302	1.37E-01	0.01112	0.00012	0.01347	0.16141	1.81E-01	0.0147	9.81E-05	0.008362	2.04E-01	0.209445	0.014859	7.25E-05	0.009225	0.233602
1801	494461.06	3859101.99	5.9042	10.41174	7.87961	4.25803	1.35E-01	0.01109	0.00012	0.01361	0.15956	1.78E-01	0.014669	9.64E-05	0.008452	2.01E-01	0.20644	0.014828	7.13E-05	0.009324	0.230663
1802	494511.06	3859101.99	5.77487	10.27171	7.66819	4.2997	1.32E-01	0.01094	0.00012	0.01375	0.15659	1.74E-01	0.014472	9.39E-05	0.008534	1.97E-01	0.201918	0.014628	6.94E-05	0.009415	0.226031
1803	494561.06	3859101.99	5.67105	10.16742	7.5041	4.34245	1.29E-01	0.01083	0.00011	0.01388	0.15425	1.71E-01	0.014325	9.18E-05	0.008619	1.94E-01	0.198288	0.01448	6.79E-05	0.009509	0.222344
1804	494611.06	3859101.99	5.50417	9.89361	7.22596	4.38278	1.26E-01	0.01054	0.00011	0.01401	0.15027	1.66E-01	0.013939	8.84E-05	0.008699	1.89E-01	0.192453	0.01409	6.54E-05	0.009597	0.216205
1805	494661.06	3859101.99	5.39809	9.73719	7.05966	4.42024	1.23E-01	0.01037	0.00011	0.01413	0.1478	1.63E-01	0.013719	8.64E-05	0.008774	1.85E-01	0.188744	0.013867	6.39E-05	0.009679	0.212354
1806	494711.06	3859101.99	5.19831	9.33371	6.72705	4.45424	1.19E-01	0.00994	0.0001	0.01424	0.14291	1.57E-01	0.013151	8.23E-05	0.008841	1.79E-01	0.181759	0.013293	6.09E-05	0.009753	0.204865
1807	494761.06	3859101.99	5.14826	9.27505	6.66385	4.49181	1.17E-01	0.00988	0.0001	0.01436	0.14183	1.55E-01	0.013068	8.16E-05	0.008916	1.77E-01	0.180009	0.013209	6.03E-05	0.009836	0.203113
1808	494811.06	3859101.99	5.01443	8.99592	6.45335	4.52582	1.14E-01	0.00958	9.7E-05	0.01447	0.13858	1.51E-01	0.012675	7.9E-05	0.008983	1.73E-01	0.175329	0.012812	5.84E-05	0.00991	0.198109
1809	494861.06	3859101.99	4.89382	8.73463	6.26899	4.55885	1.12E-01	0.00931	9.4E-05	0.01457	0.13566	1.48E-01	0.012307	7.67E-05	0.009049	1.69E-01	0.171112	0.012439	5.67E-05	0.009982	0.193591
1810	494911.06	3859101.99	4.71124	8.30737	5.98001	4.58787	1.08E-01	0.00885	9E-05	0.01467	0.13112	1.42E-01	0.011705	7.32E-05	0.009106	1.63E-01	0.164728	0.011831	5.41E-05	0.010046	0.186659
1811	494961.06	3859101.99	4.42108	7.61168	5.51844	4.61418	1.01E-01	0.00811	8.3E-05	0.01475	0.12384	1.33E-01	0.010724	6.75E-05	0.009159	1.53E-01	0.154583	0.01084	4.99E-05	0.010104	0.175576
1812	495011.06	3859101.99	4.10441	6.86324	5.0326	4.6383	9.37E-02	0.00731	7.6E-05	0.01483	0.11588	1.24E-01	0.00967	6.16E-05	0.009207	1.43E-01	0.14351	0.009774	4.55E-05	0.010156	0.163487
1813	495061.06	3859101.99	4.11439	6.87124	5.07269	4.66892	9.39E-02	0.00732	7.6E-05	0.01493	0.11622	1.24E-01	0.009681	6.21E-05	0.009267	1.43E-01	0.143859	0.009786	4.59E-05	0.010223	0.163914
1814	495111.06	3859101.99	4.02909	6.6564	4.96399	4.69621	9.19E-02	0.00709	7.5E-05	0.01501	0.11413	1.22E-01	0.009378	6.08E-05	0.009321	1.40E-01	0.140877	0.00948	4.49E-05	0.010283	0.160685
1815	495161.06	3859101.99	4.08435	6.77315	5.0835	4.72573	9.32E-02	0.00722	7.7E-05	0.01511	0.11561	1.23E-01	0.009543	6.22E-05	0.00938	1.42E-01	0.142809	0.009646	4.6E-05	0.010348	0.162849
1816	495211.06	3859101.99	3.99953	6.55696	4.97932	4.75043	9.13E-02	0.00699	7.5E-05	0.01519	0.11352	1.21E-01	0.009238	6.09E-05	0.009429	1.39E-01	0.139843	0.009338	4.5E-05	0.010402	0.159628
1817	495261.06	3859101.99	3.9867	6.51711	4.99461	4.77584	9.10E-02	0.00694	7.5E-05	0.01527	0.11327	1.20E-01	0.009182	6.11E-05	0.00948	1.39E-01	0.139395	0.009281	4.52E-05	0.010457	0.159179
1818	495311.06	3859101.99	3.93772	6.37622	4.95719	4.80089	8.99E-02	0.00679	7.5E-05	0.01535	0.11208	1.19E-01	0.008984	6.07E-05	0.009529	1.37E-01	0.137682	0.009081	4.48E-05	0.010512	0.15732
1819	495361.06	3859101.99	3.91821	6.34524	4.9619	4.82489	8.94E-02	0.00676	7.5E-05	0.01543	0.11168	1.18E-01	0.00894	6.07E-05	0.009577	1.37E-01	0.137	0.009037	4.49E-05	0.010565	0.156646
1820	495411.06	3859101.99	3.91947	6.30334	4.92223	4.84709	8.94E-02	0.00672	7.4E-05	0.0155	0.11173	1.18E-01	0.008881	6.02E-05	0.009621	1.37E-01	0.137044	0.008977	4.45E-05	0.010614	0.156679
1821	495461.06	3859101.99	3.85769	6.3596	4.8729	4.86884	8.80E-02	0.00678	7.3E-05	0.01557	0.11045	1.16E-01	0.00896	5.96E-05	0.009664	1.35E-01	0.134884	0.009057	4.41E-05	0.010661	0.154646
1822	495511.06	3859101.99	3.83976	6.41076	4.84779	4.88958	8.76E-02	0.00683	7.3E-05	0.01563	0.11016	1.16E-01	0.009032	5.93E-05	0.009705	1.35E-01	0.134257	0.00913	4.39E-05	0.010707	0.154137
1823	495561.06	3859101.99	3.7875	6.45668	4.73768	4.90784	8.64E-02	0.00688	7.1E-05	0.01569	0.10907	1.14E-01	0.009097	5.8E-05	0.009742	1.33E-01	0.13243	0.009195	4.29E-05	0.010747	0.152414
1824	495611.06	3859101.99	3.71051	6.49671	4.63378	2.84328	8.47E-02	0.00692	7E-05	0.00909	0.10076	1.12E-01	0.009153	5.67E-05	0.005644	1.27E-01	0.129738	0.009252	4.19E-05	0.006226	0.145258
1825	495661.06	3859101.99	3.72286	6.5328	4.66443	4.94213	8.50E-02	0.00696	7E-05	0.0158	0.10779	1.12E-01	0.009204	5.71E-05	0.00981	1.31E-01	0.13017	0.009304	4.22E-05	0.010822	0.150337
1826	494311.06	3859151.99	6.31029	10.79294	8.5517	4.34548	1.44E-01	0.0115	0.00013	0.01389	0.16953	1.90E-01	0.015207	0.000105	0.008625	2.14E-01	0.220639	0.015371	7.74E-05	0.009515	0.245602

1827	494361.06	3859151.99	6.2774	10.80015	8.48553	4.31757	1.43E-01	0.01151	0.00013	0.0138	0.16869	1.89E-01	0.015217	0.000104	0.00857	2.13E-01	0.219489	0.015381	7.68E-05	0.009454	0.244401
1828	494411.06	3859151.99	6.18739	10.6065	8.3454	4.16117	1.41E-01	0.0113	0.00013	0.0133	0.16593	1.87E-01	0.014944	0.000102	0.008259	2.10E-01	0.216342	0.015105	7.55E-05	0.009112	0.240634
1829	494461.06	3859151.99	6.09146	10.36709	8.19443	3.99837	1.39E-01	0.01104	0.00012	0.01278	0.16296	1.84E-01	0.014607	0.0001	0.007936	2.06E-01	0.212988	0.014764	7.41E-05	0.008755	0.236581
1830	494511.06	3859151.99	5.96104	9.99715	7.98088	4.02252	1.36E-01	0.01065	0.00012	0.01286	0.15967	1.80E-01	0.014085	9.77E-05	0.007984	2.02E-01	0.208427	0.014237	7.22E-05	0.008808	0.231545
1831	494561.06	3859151.99	5.88113	9.937	7.85887	4.07362	1.34E-01	0.01059	0.00012	0.01302	0.15794	1.77E-01	0.014001	9.62E-05	0.008086	2.00E-01	0.205633	0.014152	7.11E-05	0.00892	0.228776
1832	494611.06	3859151.99	5.74112	9.818	7.62796	4.12128	1.31E-01	0.01046	0.00011	0.01318	0.15477	1.73E-01	0.013833	9.34E-05	0.00818	1.95E-01	0.200738	0.013982	6.9E-05	0.009024	0.223813
1833	494661.06	3859151.99	5.6496	9.78267	7.48554	4.16949	1.29E-01	0.01042	0.00011	0.01333	0.15279	1.71E-01	0.013783	9.16E-05	0.008276	1.93E-01	0.197538	0.013932	6.77E-05	0.00913	0.220667
1834	494711.06	3859151.99	5.56975	9.75362	7.36535	4.21589	1.27E-01	0.01039	0.00011	0.01348	0.15109	1.68E-01	0.013742	9.01E-05	0.008368	1.90E-01	0.194746	0.013891	6.66E-05	0.009231	0.217935
1835	494761.06	3859151.99	5.39419	9.4852	7.0718	4.25791	1.23E-01	0.0101	0.00011	0.01361	0.14692	1.63E-01	0.013364	8.66E-05	0.008452	1.85E-01	0.188608	0.013508	6.4E-05	0.009323	0.211503
1836	494811.06	3859151.99	5.24219	9.24498	6.82341	4.29835	1.20E-01	0.00985	0.0001	0.01374	0.14332	1.58E-01	0.013026	8.35E-05	0.008532	1.80E-01	0.183293	0.013166	6.17E-05	0.009412	0.205933
1837	494861.06	3859151.99	5.14432	9.11259	6.67374	4.33999	1.17E-01	0.00971	0.0001	0.01388	0.14108	1.55E-01	0.012839	8.17E-05	0.008614	1.77E-01	0.179871	0.012978	6.04E-05	0.009503	0.202412
1838	494911.06	3859151.99	4.94605	8.72312	6.3488	4.37763	1.13E-01	0.00929	9.6E-05	0.014	0.13626	1.49E-01	0.01229	7.77E-05	0.008689	1.70E-01	0.172938	0.012423	5.74E-05	0.009586	0.195004
1839	494961.06	3859151.99	4.66377	8.09926	5.89868	4.41184	1.06E-01	0.00863	8.9E-05	0.0141	0.12925	1.41E-01	0.011411	7.22E-05	0.008757	1.61E-01	0.163068	0.011535	5.34E-05	0.00966	0.184317
1840	495011.06	3859151.99	4.38486	7.51603	5.44991	4.44271	1.00E-01	0.00801	8.2E-05	0.0142	0.12236	1.32E-01	0.01059	6.67E-05	0.008818	1.52E-01	0.153316	0.010704	4.93E-05	0.009728	0.173798
1841	495061.06	3859151.99	4.37009	7.5085	5.44613	4.47998	9.97E-02	0.008	8.2E-05	0.01432	0.12213	1.32E-01	0.010579	6.67E-05	0.008892	1.51E-01	0.1528	0.010693	4.93E-05	0.00981	0.173352
1842	495111.06	3859151.99	4.32463	7.42426	5.39545	4.51549	9.87E-02	0.00791	8.1E-05	0.01444	0.12112	1.31E-01	0.01046	6.6E-05	0.008963	1.50E-01	0.15121	0.010573	4.88E-05	0.009887	0.17172
1843	495161.06	3859151.99	4.38229	7.58437	5.51892	4.55153	1.00E-01	0.00808	8.3E-05	0.01455	0.12272	1.32E-01	0.010686	6.75E-05	0.009034	1.52E-01	0.153227	0.010801	4.99E-05	0.009966	0.174044
1844	495211.06	3859151.99	4.33727	7.49619	5.47519	4.58316	9.90E-02	0.00799	8.3E-05	0.01465	0.1217	1.31E-01	0.010562	6.7E-05	0.009097	1.51E-01	0.151652	0.010676	4.95E-05	0.010036	0.172413
1845	495261.06	3859151.99	4.29104	7.40205	5.43195	4.61442	9.79E-02	0.00789	8.2E-05	0.01475	0.12064	1.30E-01	0.010429	6.65E-05	0.009159	1.49E-01	0.150036	0.010542	4.91E-05	0.010104	0.170731
1846	495311.06	3859151.99	4.25186	7.32555	5.40324	4.64546	9.70E-02	0.0078	8.1E-05	0.01485	0.11977	1.28E-01	0.010321	6.61E-05	0.009221	1.48E-01	0.148666	0.010433	4.89E-05	0.010172	0.16932
1847	495361.06	3859151.99	4.20047	7.21747	5.35591	4.67469	9.59E-02	0.00769	8.1E-05	0.01495	0.11857	1.27E-01	0.010169	6.56E-05	0.009279	1.46E-01	0.146869	0.010279	4.85E-05	0.010236	0.167432
1848	495411.06	3859151.99	4.2127	7.27504	5.41726	4.70472	9.61E-02	0.00775	8.2E-05	0.01504	0.11901	1.27E-01	0.01025	6.63E-05	0.009338	1.47E-01	0.147297	0.010361	4.9E-05	0.010302	0.168008
1849	495461.06	3859151.99	4.20983	7.15521	5.36287	4.73172	9.61E-02	0.00762	8.1E-05	0.01513	0.1189	1.27E-01	0.010081	6.56E-05	0.009392	1.47E-01	0.147196	0.01019	4.85E-05	0.010361	0.167796
1850	495511.06	3859151.99	4.12284	6.87412	5.21701	4.75601	9.41E-02	0.00732	7.9E-05	0.01521	0.11669	1.24E-01	0.009685	6.39E-05	0.00944	1.44E-01	0.144155	0.00979	4.72E-05	0.010414	0.164406
1851	495561.06	3859151.99	4.06924	6.65232	5.14424	4.77899	9.29E-02	0.00709	7.8E-05	0.01528	0.11531	1.23E-01	0.009373	6.3E-05	0.009486	1.42E-01	0.142281	0.009474	4.65E-05	0.010464	0.162266
1852	495611.06	3859151.99	4.02617	6.44899	5.08763	4.80179	9.19E-02	0.00687	7.7E-05	0.01535	0.11418	1.22E-01	0.009086	6.23E-05	0.009531	1.40E-01	0.140775	0.009184	4.6E-05	0.010514	0.160519
1853	495661.06	3859151.99	3.99183	6.26116	5.04583	4.82539	9.11E-02	0.00667	7.6E-05	0.01543	0.11327	1.20E-01	0.008822	6.18E-05	0.009578	1.39E-01	0.139574	0.008917	4.56E-05	0.010566	0.159103
1854	494311.06	3859201.99	6.48051	11.86936	8.87892	4.80845	1.48E-01	0.01264	0.00013	0.01537	0.17604	1.96E-01	0.016723	0.000109	0.009544	2.22E-01	0.226591	0.016904	8.03E-05	0.010529	0.254104
1855	494361.06	3859201.99	6.43373	11.58899	8.77554	4.73868	1.47E-01	0.01235	0.00013	0.01515	0.17445	1.94E-01	0.016328	0.000107	0.009406	2.20E-01	0.224955	0.016504	7.94E-05	0.010376	0.251915
1856	494411.06	3859201.99	6.36578	11.21612	8.64488	4.61153	1.45E-01	0.01195	0.00013	0.01474	0.17209	1.92E-01	0.015803	0.000106	0.009153	2.17E-01	0.222579	0.015973	7.82E-05	0.010098	0.248728
1857	494461.06	3859201.99	6.26092	10.70082	8.47673	4.40027	1.43E-01	0.0114	0.00013	0.01407	0.16847	1.89E-01	0.015077	0.000104	0.008734	2.13E-01	0.218913	0.01524	7.67E-05	0.009635	0.243864
1858	494511.06	3859201.99	6.18636	10.47017	8.36436	4.27118	1.41E-01	0.01115	0.00013	0.01366	0.16611	1.87E-01	0.014752	0.000102	0.008478	2.10E-01	0.216306	0.014911	7.57E-05	0.009352	0.240645
1859	494561.06	3859201.99	6.05649	10.18553	8.15248	4.02956	1.38E-01	0.01085	0.00012	0.01288	0.16207	1.83E-01	0.014351	9.98E-05	0.007998	2.05E-01	0.211765	0.014506	7.38E-05	0.008823	0.235168
1860	494611.06	3859201.99	5.95007	9.94741	7.9823	3.84722	1.36E-01	0.0106	0.00012	0.0123	0.1588	1.80E-01	0.014015	9.77E-05	0.007636	2.01E-01	0.208044	0.014167	7.22E-05	0.008424	0.230707
1861	494661.06	3859201.99	5.86309	9.74253	7.84705	3.87621	1.34E-01	0.01038	0.00012	0.01239	0.15669	1.77E-01	0.013727	9.6E-05	0.007694	1.98E-01	0.205003	0.013875	7.1E-05	0.008488	0.227436
1862	494711.06	3859201.99	5.77317	9.50647	7.70686	3.93117	1.32E-01	0.01013	0.00012	0.01257	0.15456	1.74E-01	0.013394	9.43E-05	0.007803	1.96E-01	0.201859	0.013539	6.97E-05	0.008608	0.224075
1863	494761.06	3859201.99	5.61721	9.30862	7.4473	3.98161	1.28E-01	0.00992	0.00011	0.01273	0.15095	1.70E-01	0.013115	9.11E-05	0.007903	1.91E-01	0.196405	0.013257	6.74E-05	0.008718	0.218448
1864	494811.06	3859201.99	5.48329	9.19943	7.22845	4.03059	1.25E-01	0.0098	0.00011	0.01289	0.14793	1.65E-01	0.012961	8.85E-05	0.008	1.87E-01	0.191723	0.013101	6.54E-05	0.008826	0.213715
1865	494861.06	3859201.99	5.32111	8.98767	6.96013	4.07898	1.21E-01	0.00957	0.0001	0.01304	0.14415	1.61E-01	0.012663	8.52E-05	0.008096	1.81E-01	0.186052	0.0128	6.3E-05	0.008932	0.207847
1866	494911.06	3859201.99	5.10434	8.66448	6.59953	4.12353	1.16E-01	0.00923	9.9E-05	0.01318	0.139	1.54E-01	0.012208	8.08E-05	0.008185	1.75E-01	0.178473	0.012339	5.97E-05	0.009029	0.199901
1867	494961.06	3859201.99	4.86373	8.25062	6.20561	4.16643	1.11E-01	0.00879	9.4E-05	0.01332	0.1332	1.47E-01	0.011625	7.6E-05	0.00827	1.67E-01	0.17006	0.01175	5.61E-05	0.009123	0.190989
1868	495011.06	3859201.99	4.52282	7.59674	5.73554	4.20576	1.03E-01	0.00809	8.6E-05	0.01345	0.12484	1.37E-01	0.010703	7.02E-05	0.008348	1.56E-01	0.15814	0.010819	5.19E-05	0.009209	0.17822
1869	495061.06	3859201.99	4.66798	7.99584	5.91075	4.25392	1.07E-01	0.00852	8.9E-05	0.0136	0.12873	1.41E-01	0.011266	7.23E-05	0.008444	1.61E-01	0.163216	0.011387	5.35E-05	0.009315	0.183971
1870	495111.06	3859201.99	4.67058	8.07784	5.93632	4.29708	1.07E-01	0.00861	8.9E-05	0.01374	0.12902	1.41E-01	0.011381	7.27E-05	0.008529	1.61E-01	0.163307	0.011504	5.37E-05	0.009409	0.184273
1871	495161.06	3859201.99	4.65127	8.10371	5.92874	4.33869	1.06E-01	0.00863	8.9E-05	0.01387	0.12874	1.40E-01	0.011418	7.26E-05	0.008612	1.60E-01	0.162631	0.011541	5.36E-05	0.0095	0.183726
1872	495211.06	3859201.99	4.58159	8.00295	5.83731	4.37777	1.05E-01	0.00853	8.8E-05	0.014	0.12717	1.38E-01	0.011276	7.14E-05	0.008689	1.58E-01	0.160195	0.011397	5.28E-05	0.009586	0.181231
1873	495261.06	3859201.99	4.57454	8.0483	5.85742	4.41749	1.04E-01	0.00857	8.8E-05	0.01412	0.12718	1.38E-01	0.01134	7.17E-05	0.008768	1.58E-01	0.159949	0.011462	5.3E-05	0.009673	0.181136
1874	495311.06	3859201.99	4.53962	8.02271	5.8323	4.45407	1.04E-01	0.00855	8.8E-05	0.01424	0.12647	1.37E-01	0.011303	7.14E-05	0.008841	1.57E-01	0.158728	0.011426	5.28E-05	0.009753	0.179959
1875	495361.06	3859201.99	4.50987	8.00782	5.81955	4.49057	1.03E-01	0.00853	8.8E-05	0.01436	0.12589	1.36E-01	0.011283	7.12E-05	0.008913	1.56E-01	0.157687	0.011404	5.26E-05	0.009833	0.178977
1876	495411.06	3859201.99	4.50957	8.07442	5.86413	4.5273	1.03E-01	0.0086	8.8E-05	0.01447	0.12608	1.36E-01	0.011376	7.18E-05	0.008986	1.57E-01	0.157677	0.011499	5.31E-05	0.009913	0.179142
1877	495461.06	3859201.99	4.44919	7.95872	5.78919	4.56007	1.02E-01	0.00848	8.7E-05	0.01458	0.12468	1.34E-01	0.011213	7.09E-05	0.009051	1.55E-01	0.155566	0.011334	5.24E-05	0.009985	0.176937
1878	495511.06	3859201.99	4.42488	7.83391	5.71155	4.59122	1.01E-01	0.00835	8.6E-05	0.01468	0.12409	1.34E-01	0.011037	6.99E-05	0.009113	1.54E-01	0.154716	0.011157	5.17E-05	0.010053	0.175977
1879	495561.06	3859201.99	4.3264	7.5615	5.5423	4.62003	9.87E-02	0.00806	8.4E-05	0.01477	0.12164	1.31E-01	0.010654	6.78E-05	0.00917	1.50E-01	0.151272	0.010769	5.01E-05	0.010116	0.172207
1880	495611.06	3859201.99	4.2662	7.35466	5.41918	4.64947	9.74E-02	0.00784	8.2E-05	0.01486	0.12014	1.29E-01	0.010362	6.63E-05	0.009229	1.48E-01	0.149167	0.010474	4.9E-05	0.010181	0.169871
1881	495661.06	3859201.99	4.23579	7.19809	5.38334	4.67828	9.67E-02	0.00767	8.1E-05	0.01496	0.11937	1.28E-01	0.010142	6.59E-05	0.009286	1.47E-01	0.148104	0.010251	4.87E-05	0.010244	0.168648
1882	494311.06	3859251.99	6.60014	12.50743	9.12972	5.2718	1.51E-01	0.01332	0.00014	0.01685	0.18094	1.99E-01	0.017622	0.000112	0.010464	2.27E-01	0.230774	0.017812	8.26E-05	0.011543	0.260212
1883	494361.06	3859251.99	6.5447	12.30511	9.02071	5.13491	1.49E-01	0.01311	0.00014	0.01642	0.17902	1.98E-01	0.017337	0.00011	0.010192	2.25E-01	0.228835	0.017524	8.16E-05	0.011244	0.257685
1884	494411.06	3859251.99	6.45989	11.97771	8.87464	4.91716	1.47E-01	0.01276	0.00013	0.01572	0.17603	1.95E-01	0.016876	0.000109	0.00976	2.22E-01	0.22587	0.017058	8.03E-05	0.010767	0.253775
1885	494461.06	3859251.99	6.39951	11.70761	8.75614	4.79573	1.46E-01	0.01247	0.00013	0.01533	0.17398	1.93E-01	0.016495	0.000107	0.009519	2.19E-01	0.223759	0.016673	7.92E-05	0.010501	0.251012
1886	494511.06	3859251.99	6.29034	11.251	8.57643	4.55088	1.44E-01	0.01199	0.00013	0.01455	0.17022	1.90E-01	0.015852	0.000105	0.009033	2.15E-01	0.219941	0.016023	7.76E-05	0.009965	0.246007
1887	494561.06	3859251.99	6.21449	10.8847	8.43597	4.41081	1.42E-01	0.0116	0.00013	0.0141	0.16764	1.88E-01	0.015336	0.000103	0.008755	2.12E-01	0.217289	0.015501	7.63E-05	0.009658	0.242525

1888	494611.06	3859251.99	6.10819	10.40109	8.25646	4.20862	1.39E-01	0.01108	0.00012	0.01346	0.16405	1.84E-01	0.014654	0.000101	0.008354	2.07E-01	0.213573	0.014813	7.47E-05	0.009215	0.237675
1889	494661.06	3859251.99	6.04968	10.05521	8.16046	4.11876	1.38E-01	0.01071	0.00012	0.01317	0.16206	1.83E-01	0.014167	9.99E-05	0.008175	2.05E-01	0.211527	0.01432	7.38E-05	0.009019	0.234939
1890	494711.06	3859251.99	5.96521	9.86704	8.02976	3.97679	1.36E-01	0.01051	0.00012	0.01271	0.15948	1.80E-01	0.013902	9.83E-05	0.007894	2.02E-01	0.208573	0.014052	7.26E-05	0.008708	0.231406
1891	494761.06	3859251.99	5.73143	9.25361	7.63849	3.66391	1.31E-01	0.00986	0.00012	0.01171	0.15248	1.73E-01	0.013038	9.35E-05	0.007272	1.93E-01	0.200399	0.013178	6.91E-05	0.008023	0.221669
1892	494811.06	3859251.99	5.6995	9.26788	7.5945	3.72395	1.30E-01	0.00987	0.00011	0.01191	0.15196	1.72E-01	0.013058	9.3E-05	0.007392	1.93E-01	0.199283	0.013199	6.87E-05	0.008154	0.220704
1893	494861.06	3859251.99	5.46543	8.58487	7.21781	3.77927	1.25E-01	0.00915	0.00011	0.01208	0.14606	1.65E-01	0.012096	8.83E-05	0.007501	1.85E-01	0.191098	0.012226	6.53E-05	0.008275	0.211665
1894	494911.06	3859251.99	5.2514	8.30653	6.88593	3.83024	1.20E-01	0.00885	0.0001	0.01225	0.14104	1.58E-01	0.011703	8.43E-05	0.007603	1.78E-01	0.183615	0.01183	6.23E-05	0.008387	0.203894
1895	494961.06	3859251.99	5.14185	8.2552	6.69624	3.88442	1.17E-01	0.00879	0.0001	0.01242	0.13866	1.55E-01	0.011631	8.2E-05	0.00771	1.75E-01	0.179784	0.011757	6.06E-05	0.008506	0.200107
1896	495011.06	3859251.99	5.00322	8.12485	6.47032	3.93665	1.14E-01	0.00866	9.8E-05	0.01259	0.13552	1.51E-01	0.011447	7.92E-05	0.007814	1.70E-01	0.174937	0.011571	5.85E-05	0.00862	0.195187
1897	495061.06	3859251.99	5.02112	8.3064	6.49196	3.98889	1.15E-01	0.00885	9.8E-05	0.01275	0.13629	1.52E-01	0.011703	7.95E-05	0.007918	1.71E-01	0.175563	0.01183	5.87E-05	0.008734	0.196186
1898	495111.06	3859251.99	4.97037	8.33297	6.42375	4.0383	1.13E-01	0.00888	9.7E-05	0.01291	0.13531	1.50E-01	0.011741	7.86E-05	0.008016	1.70E-01	0.173789	0.011867	5.81E-05	0.008843	0.194557
1899	495161.06	3859251.99	4.94642	8.40829	6.4053	4.08796	1.13E-01	0.00896	9.7E-05	0.01307	0.135	1.49E-01	0.011847	7.84E-05	0.008114	1.69E-01	0.172951	0.011975	5.79E-05	0.008951	0.193935
1900	495211.06	3859251.99	4.88404	8.38697	6.32162	4.13598	1.11E-01	0.00894	9.5E-05	0.01322	0.13371	1.47E-01	0.011817	7.74E-05	0.008209	1.68E-01	0.17077	0.011944	5.72E-05	0.009056	0.191828
1901	495261.06	3859251.99	4.8549	8.41617	6.31479	4.18205	1.11E-01	0.00897	9.5E-05	0.01337	0.13322	1.47E-01	0.011858	7.73E-05	0.008301	1.67E-01	0.169751	0.011986	5.71E-05	0.009157	0.190952
1902	495311.06	3859251.99	4.84694	8.52769	6.32096	4.22623	1.11E-01	0.00908	9.5E-05	0.01351	0.1333	1.46E-01	0.012015	7.74E-05	0.008389	1.67E-01	0.169473	0.012145	5.72E-05	0.009254	0.190929
1903	495361.06	3859251.99	4.79937	8.51844	6.27265	4.27066	1.10E-01	0.00908	9.5E-05	0.01365	0.13235	1.45E-01	0.012002	7.68E-05	0.008477	1.65E-01	0.16781	0.012132	5.67E-05	0.009351	0.189349
1904	495411.06	3859251.99	4.79092	8.60818	6.30141	4.31391	1.09E-01	0.00917	9.5E-05	0.01379	0.13239	1.45E-01	0.012128	7.71E-05	0.008563	1.65E-01	0.167514	0.012259	5.7E-05	0.009446	0.189277
1905	495461.06	3859251.99	4.73046	8.55647	6.23469	4.35268	1.08E-01	0.00912	9.4E-05	0.01392	0.13108	1.43E-01	0.012056	7.63E-05	0.00864	1.64E-01	0.1654	0.012186	5.64E-05	0.009531	0.187173
1906	495511.06	3859251.99	4.61854	8.35444	6.0713	4.38978	1.05E-01	0.0089	9.1E-05	0.01403	0.12842	1.39E-01	0.011771	7.43E-05	0.008713	1.60E-01	0.161487	0.011898	5.49E-05	0.009612	0.183052
1907	495561.06	3859251.99	4.57385	8.2418	5.97621	4.42778	1.04E-01	0.00878	9E-05	0.01416	0.12741	1.38E-01	0.011612	7.31E-05	0.008789	1.59E-01	0.159924	0.011738	5.41E-05	0.009695	0.181411
1908	495611.06	3859251.99	4.49203	8.04271	5.8294	4.46246	1.03E-01	0.00857	8.8E-05	0.01427	0.12543	1.36E-01	0.011332	7.13E-05	0.008858	1.56E-01	0.157064	0.011454	5.27E-05	0.009771	0.178342
1909	495661.06	3859251.99	4.44857	7.90396	5.72779	4.49658	1.02E-01	0.00842	8.6E-05	0.01438	0.1244	1.34E-01	0.011136	7.01E-05	0.008925	1.54E-01	0.155544	0.011256	5.18E-05	0.009846	0.176698
1910	494311.06	3859301.99	6.65558	12.48869	9.28425	5.70367	1.52E-01	0.0133	0.00014	0.01823	0.18357	2.01E-01	0.017596	0.000114	0.011321	2.30E-01	0.232712	0.017786	8.4E-05	0.012489	0.263071
1911	494361.06	3859301.99	6.61412	12.44227	9.19919	5.55143	1.51E-01	0.01326	0.00014	0.01775	0.18208	2.00E-01	0.01753	0.000113	0.011019	2.28E-01	0.231262	0.01772	8.32E-05	0.012156	0.261221
1912	494411.06	3859301.99	6.55138	12.29505	9.08682	5.33048	1.50E-01	0.0131	0.00014	0.01704	0.17978	1.98E-01	0.017323	0.000111	0.01058	2.26E-01	0.229069	0.01751	8.22E-05	0.011672	0.258333
1913	494461.06	3859301.99	6.47843	12.09083	8.95899	5.11161	1.48E-01	0.01288	0.00014	0.01634	0.1772	1.96E-01	0.017035	0.00011	0.010146	2.23E-01	0.226518	0.017219	8.1E-05	0.011193	0.255011
1914	494511.06	3859301.99	6.40597	11.86421	8.82901	4.92649	1.46E-01	0.01264	0.00013	0.01575	0.17471	1.93E-01	0.016716	0.000108	0.009779	2.20E-01	0.223984	0.016896	7.99E-05	0.010787	0.251748
1915	494561.06	3859301.99	6.34433	11.64665	8.71029	4.79348	1.45E-01	0.01241	0.00013	0.01532	0.17265	1.91E-01	0.016409	0.000107	0.009515	2.18E-01	0.221829	0.016587	7.88E-05	0.010496	0.248991
1916	494611.06	3859301.99	6.26996	11.36239	8.57451	4.63718	1.43E-01	0.0121	0.00013	0.01483	0.17014	1.89E-01	0.016009	0.000105	0.009204	2.15E-01	0.219229	0.016182	7.76E-05	0.010154	0.245642
1917	494661.06	3859301.99	6.19192	11.04226	8.43269	4.48098	1.41E-01	0.01176	0.00013	0.01433	0.16752	1.87E-01	0.015558	0.000103	0.008894	2.11E-01	0.2165	0.015726	7.63E-05	0.009812	0.242114
1918	494711.06	3859301.99	6.09048	10.6241	8.26053	4.28158	1.39E-01	0.01132	0.00012	0.01369	0.16412	1.84E-01	0.014969	0.000101	0.008498	2.07E-01	0.212953	0.01513	7.47E-05	0.009375	0.237534
1919	494761.06	3859301.99	5.99585	10.20959	8.09534	4.1091	1.37E-01	0.01088	0.00012	0.01314	0.16097	1.81E-01	0.014385	9.91E-05	0.008156	2.04E-01	0.209645	0.01454	7.32E-05	0.008998	0.233255
1920	494811.06	3859301.99	5.84884	9.61671	7.86376	3.84261	1.33E-01	0.01025	0.00012	0.01228	0.15612	1.77E-01	0.013549	9.62E-05	0.007627	1.98E-01	0.204504	0.013696	7.11E-05	0.008414	0.226685
1921	494861.06	3859301.99	5.62331	8.81629	7.53298	3.46868	1.28E-01	0.00939	0.00011	0.01109	0.14892	1.70E-01	0.012422	9.22E-05	0.006885	1.89E-01	0.196619	0.012556	6.81E-05	0.007595	0.216838
1922	494911.06	3859301.99	5.50961	8.60926	7.34152	3.50517	1.26E-01	0.00917	0.00011	0.01121	0.14622	1.66E-01	0.01213	8.99E-05	0.006957	1.85E-01	0.192643	0.012261	6.64E-05	0.007675	0.212646
1923	494961.06	3859301.99	5.25559	7.97884	6.97419	3.56357	1.20E-01	0.0085	0.00011	0.01139	0.13993	1.59E-01	0.011242	8.54E-05	0.007073	1.77E-01	0.183761	0.011363	6.31E-05	0.007803	0.202991
1924	495011.06	3859301.99	5.17058	7.80289	6.81773	3.62336	1.18E-01	0.00831	0.0001	0.01158	0.138	1.56E-01	0.010994	8.34E-05	0.007192	1.74E-01	0.180789	0.011112	6.17E-05	0.007934	0.199897
1925	495061.06	3859301.99	5.29611	8.16882	6.97174	3.68641	1.21E-01	0.0087	0.00011	0.01179	0.14145	1.60E-01	0.011509	8.53E-05	0.007317	1.79E-01	0.185178	0.011634	6.31E-05	0.008072	0.204947
1926	495111.06	3859301.99	5.17137	8.07777	6.75336	3.74249	1.18E-01	0.00861	0.0001	0.01196	0.13869	1.56E-01	0.011381	8.27E-05	0.007428	1.75E-01	0.180817	0.011504	6.11E-05	0.008195	0.200576
1927	495161.06	3859301.99	5.15204	8.22533	6.7393	3.79899	1.18E-01	0.00876	0.0001	0.01215	0.13858	1.55E-01	0.011589	8.25E-05	0.007541	1.75E-01	0.180141	0.011714	6.1E-05	0.008319	0.200234
1928	495211.06	3859301.99	5.17887	8.45781	6.81241	3.85509	1.18E-01	0.00901	0.0001	0.01232	0.13962	1.56E-01	0.011917	8.34E-05	0.007652	1.76E-01	0.181079	0.012045	6.16E-05	0.008441	0.201627
1929	495261.06	3859301.99	5.1655	8.60116	6.81836	3.90999	1.18E-01	0.00916	0.0001	0.0125	0.13965	1.56E-01	0.012118	8.35E-05	0.007761	1.76E-01	0.180611	0.012249	6.17E-05	0.008562	0.201484
1930	495311.06	3859301.99	5.07509	8.55861	6.68356	3.96114	1.16E-01	0.00912	0.0001	0.01266	0.1377	1.53E-01	0.012059	8.18E-05	0.007862	1.73E-01	0.17745	0.012189	6.05E-05	0.008674	0.198373
1931	495361.06	3859301.99	5.06476	8.6948	6.70186	4.01183	1.16E-01	0.00926	0.0001	0.01283	0.13777	1.53E-01	0.01225	8.2E-05	0.007963	1.73E-01	0.177089	0.012383	6.06E-05	0.008785	0.198317
1932	495411.06	3859301.99	5.02353	8.751	6.66529	4.0604	1.15E-01	0.00932	0.0001	0.01298	0.13705	1.52E-01	0.01233	8.16E-05	0.008059	1.72E-01	0.175647	0.012463	6.03E-05	0.008891	0.197061
1933	495461.06	3859301.99	4.98651	8.8136	6.64033	4.10925	1.14E-01	0.00939	0.0001	0.01314	0.13642	1.50E-01	0.012418	8.13E-05	0.008156	1.71E-01	0.174353	0.012552	6.01E-05	0.008998	0.195963
1934	495511.06	3859301.99	4.89701	8.7294	6.5141	4.15486	1.12E-01	0.0093	9.8E-05	0.01328	0.13443	1.48E-01	0.012299	7.97E-05	0.008247	1.68E-01	0.171224	0.012432	5.89E-05	0.009098	0.192812
1935	495561.06	3859301.99	4.76505	8.51906	6.30645	4.1957	1.09E-01	0.00908	9.5E-05	0.01341	0.13133	1.44E-01	0.012003	7.72E-05	0.008328	1.64E-01	0.16661	0.012132	5.71E-05	0.009187	0.187986
1936	495611.06	3859301.99	4.70539	8.45482	6.21493	4.23839	1.07E-01	0.00901	9.4E-05	0.01355	0.13003	1.42E-01	0.011912	7.61E-05	0.008413	1.62E-01	0.164524	0.012041	5.62E-05	0.009281	0.185901
1937	495661.06	3859301.99	4.66176	8.37219	6.11752	4.28155	1.06E-01	0.00892	9.2E-05	0.01369	0.12908	1.41E-01	0.011796	7.49E-05	0.008498	1.61E-01	0.162998	0.011923	5.53E-05	0.009375	0.184352
1938	494311.06	3859351.99	6.75289	12.6686	9.3368	6.04618	1.54E-01	0.0135	0.00014	0.01933	0.18707	2.04E-01	0.017849	0.000114	0.012001	2.34E-01	0.236114	0.018042	8.45E-05	0.013239	0.26748
1939	494361.06	3859351.99	6.68365	12.45141	9.28173	5.89235	1.53E-01	0.01327	0.00014	0.01884	0.18477	2.02E-01	0.017543	0.000114	0.011696	2.31E-01	0.233693	0.017733	8.4E-05	0.012902	0.264412
1940	494411.06	3859351.99	6.58533	12.15673	9.19919	5.63929	1.50E-01	0.01295	0.00014	0.01803	0.1814	1.99E-01	0.017128	0.000113	0.011193	2.27E-01	0.230256	0.017313	8.32E-05	0.012348	0.26
1941	494461.06	3859351.99	6.52383	11.94137	9.10679	5.43799	1.49E-01	0.01272	0.00014	0.01739	0.17912	1.97E-01	0.016825	0.000111	0.010794	2.25E-01	0.228105	0.017006	8.24E-05	0.011907	0.257101
1942	494511.06	3859351.99	6.47221	11.88642	9.00784	5.26653	1.48E-01	0.01266	0.00014	0.01684	0.17734	1.95E-01	0.016747	0.00011	0.010454	2.23E-01	0.2263	0.016928	8.15E-05	0.011532	0.254842
1943	494561.06	3859351.99	6.4305	11.84131	8.91795	5.15881	1.47E-01	0.01262	0.00013	0.01649	0.17599	1.94E-01	0.016684	0.000109	0.01024	2.21E-01	0.224842	0.016864	8.07E-05	0.011296	0.253083
1944	494611.06	3859351.99	6.37521	11.72603	8.81025	5.0163	1.45E-01	0.01249	0.00013	0.01604	0.17415	1.92E-01	0.016521	0.000108	0.009957	2.19E-01	0.222909	0.0167	7.97E-05	0.010984	0.250672
1945	494661.06	3859351.99	6.31012	11.55276	8.68897	4.85867	1.44E-01	0.01231	0.00013	0.01553	0.17197	1.90E-01	0.016277	0.000106	0.009644	2.16E-01	0.220633	0.016453	7.86E-05	0.010639	0.247803
1946	494711.06	3859351.99	6.21689	11.26262	8.53147	4.63658	1.42E-01	0.012	0.00013	0.01482	0.16882	1.88E-01	0.015868	0.000104	0.009203	2.13E-01	0.217373	0.01604	7.72E-05	0.010153	0.243643
1947	494761.06	3859351.99	6.07915	10.78204	8.32522	4.31389	1.39E-01	0.01149	0.00013	0.01379	0.16413	1.83E-01	0.015191	0.000102	0.008563	2.07E-01	0.212557	0.015355	7.53E-05	0.009446	0.237434
1948	494811.06	3859351.99	5.87028	10.11986	8.00919	3.93087	1.34E-01	0.01078	0.00012	0.01257	0.15743	1.77E-01	0.014258	9.8E-05	0.007802	1.99E-01	0.205254	0.014412	7.25E-05	0.008607	0.228346

1949	494861.06	3859351.99	5.78992	9.80455	7.86323	3.80445	1.32E-01	0.01045	0.00012	0.01216	0.15486	1.75E-01	0.013814	9.62E-05	0.007551	1.96E-01	0.202444	0.013963	7.11E-05	0.00833	0.224809
1950	494911.06	3859351.99	5.73891	9.55588	7.7534	3.73046	1.31E-01	0.01018	0.00012	0.01193	0.15319	1.73E-01	0.013464	9.49E-05	0.007405	1.94E-01	0.200661	0.013609	7.01E-05	0.008168	0.222508
1951	494961.06	3859351.99	5.63693	9.13316	7.57831	3.57185	1.29E-01	0.00973	0.00011	0.01142	0.1499	1.70E-01	0.012868	9.28E-05	0.00709	1.90E-01	0.197095	0.013007	6.86E-05	0.007821	0.217992
1952	495011.06	3859351.99	5.56587	8.78872	7.44107	3.4655	1.27E-01	0.00936	0.00011	0.01108	0.14757	1.68E-01	0.012383	9.11E-05	0.006879	1.87E-01	0.19461	0.012516	6.73E-05	0.007588	0.214782
1953	495061.06	3859351.99	5.6164	8.8531	7.50428	3.56223	1.28E-01	0.00943	0.00011	0.01139	0.1491	1.70E-01	0.012473	9.18E-05	0.007071	1.89E-01	0.196377	0.012608	6.79E-05	0.0078	0.216853
1954	495111.06	3859351.99	5.53284	8.73686	7.37479	3.43	1.26E-01	0.00931	0.00011	0.01097	0.14665	1.67E-01	0.01231	9.03E-05	0.006808	1.86E-01	0.193455	0.012443	6.67E-05	0.007511	0.213475
1955	495161.06	3859351.99	5.4926	8.72721	7.32446	3.47992	1.25E-01	0.0093	0.00011	0.01113	0.14588	1.66E-01	0.012296	8.96E-05	0.006907	1.85E-01	0.192048	0.012429	6.63E-05	0.00762	0.212163
1956	495211.06	3859351.99	5.4446	8.67672	7.26224	3.54165	1.24E-01	0.00924	0.00011	0.01132	0.14493	1.64E-01	0.012225	8.89E-05	0.00703	1.84E-01	0.19037	0.012357	6.57E-05	0.007755	0.210548
1957	495261.06	3859351.99	5.42426	8.69752	7.25446	3.60286	1.24E-01	0.00927	0.00011	0.01152	0.14468	1.64E-01	0.012254	8.88E-05	0.007151	1.83E-01	0.189659	0.012387	6.56E-05	0.007889	0.21
1958	495311.06	3859351.99	5.34872	8.52766	7.1448	3.66056	1.22E-01	0.00908	0.00011	0.0117	0.14296	1.61E-01	0.012015	8.74E-05	0.007266	1.81E-01	0.187018	0.012145	6.46E-05	0.008015	0.207242
1959	495361.06	3859351.99	5.2991	8.52283	7.08645	3.7179	1.21E-01	0.00908	0.00011	0.01189	0.142	1.60E-01	0.012008	8.67E-05	0.00738	1.79E-01	0.185283	0.012138	6.41E-05	0.008141	0.205626
1960	495411.06	3859351.99	5.26537	8.64988	7.06204	3.7747	1.20E-01	0.00922	0.00011	0.01207	0.14155	1.59E-01	0.012187	8.64E-05	0.007492	1.79E-01	0.184103	0.012319	6.39E-05	0.008265	0.204751
1961	495461.06	3859351.99	5.23994	8.79199	7.05847	3.83064	1.20E-01	0.00937	0.00011	0.01225	0.1413	1.58E-01	0.012387	8.64E-05	0.007603	1.78E-01	0.183214	0.012521	6.39E-05	0.008388	0.204187
1962	495511.06	3859351.99	5.13344	8.72904	6.89289	3.88197	1.17E-01	0.0093	0.0001	0.01241	0.13896	1.55E-01	0.012299	8.44E-05	0.007705	1.75E-01	0.17949	0.012431	6.24E-05	0.0085	0.200484
1963	495561.06	3859351.99	5.046	8.6981	6.76753	3.93303	1.15E-01	0.00927	0.0001	0.01257	0.1371	1.52E-01	0.012255	8.28E-05	0.007807	1.72E-01	0.176433	0.012387	6.12E-05	0.008612	0.197494
1964	495611.06	3859351.99	4.98714	8.69746	6.67754	3.9829	1.14E-01	0.00927	0.0001	0.01273	0.13591	1.51E-01	0.012254	8.17E-05	0.007906	1.71E-01	0.174375	0.012386	6.04E-05	0.008721	0.195543
1965	495661.06	3859351.99	4.87938	8.57305	6.50293	4.0292	1.11E-01	0.00913	9.8E-05	0.01288	0.13346	1.47E-01	0.012079	7.96E-05	0.007998	1.67E-01	0.170607	0.012209	5.88E-05	0.008823	0.191698
1966	494311.06	3859401.99	6.8307	12.72404	9.40859	6.46177	1.56E-01	0.01356	0.00014	0.02066	0.19024	2.06E-01	0.017927	0.000115	0.012826	2.37E-01	0.238835	0.018121	8.51E-05	0.014149	0.27119
1967	494361.06	3859401.99	6.76396	12.65123	9.28531	6.21013	1.54E-01	0.01348	0.00014	0.01985	0.18783	2.04E-01	0.017825	0.000114	0.012326	2.34E-01	0.236501	0.018017	8.4E-05	0.013598	0.268201
1968	494411.06	3859401.99	6.68144	12.51281	9.23866	5.94328	1.52E-01	0.01333	0.00014	0.019	0.18495	2.02E-01	0.01763	0.000113	0.011797	2.31E-01	0.233616	0.01782	8.36E-05	0.013014	0.264534
1969	494461.06	3859401.99	6.60894	12.33926	9.1839	5.76894	1.51E-01	0.01315	0.00014	0.01844	0.18255	1.99E-01	0.017385	0.000112	0.011451	2.28E-01	0.231081	0.017573	8.31E-05	0.012632	0.261369
1970	494511.06	3859401.99	6.55131	12.15498	9.1299	5.684	1.50E-01	0.01295	0.00014	0.01817	0.18076	1.98E-01	0.017126	0.000112	0.011282	2.26E-01	0.229066	0.01731	8.26E-05	0.012446	0.258905
1971	494561.06	3859401.99	6.48135	11.92203	9.06218	5.55752	1.48E-01	0.0127	0.00014	0.01777	0.17851	1.96E-01	0.016797	0.000111	0.011031	2.24E-01	0.22662	0.016979	8.2E-05	0.012169	0.25585
1972	494611.06	3859401.99	6.43351	11.62971	8.97379	5.3813	1.47E-01	0.01239	0.00014	0.0172	0.17655	1.94E-01	0.016386	0.00011	0.010681	2.21E-01	0.224947	0.016562	8.12E-05	0.011783	0.253374
1973	494661.06	3859401.99	6.39794	11.55766	8.89327	5.27727	1.46E-01	0.01231	0.00013	0.01687	0.17532	1.93E-01	0.016284	0.000109	0.010475	2.20E-01	0.223704	0.01646	8.05E-05	0.011555	0.251799
1974	494711.06	3859401.99	6.34772	11.50718	8.79384	5.13055	1.45E-01	0.01226	0.00013	0.0164	0.17365	1.92E-01	0.016213	0.000108	0.010184	2.18E-01	0.221948	0.016388	7.96E-05	0.011234	0.249649
1975	494761.06	3859401.99	6.22738	11.18374	8.61926	4.7739	1.42E-01	0.01191	0.00013	0.01526	0.16942	1.88E-01	0.015757	0.000105	0.009476	2.13E-01	0.21774	0.015927	7.8E-05	0.010453	0.244198
1976	494811.06	3859401.99	6.13527	10.97773	8.45215	4.56185	1.40E-01	0.0117	0.00013	0.01458	0.16642	1.85E-01	0.015467	0.000103	0.009055	2.10E-01	0.214519	0.015634	7.65E-05	0.009989	0.240219
1977	494861.06	3859401.99	5.99323	10.56997	8.23198	4.25828	1.37E-01	0.01126	0.00012	0.01361	0.16177	1.81E-01	0.014892	0.000101	0.008452	2.04E-01	0.209553	0.015053	7.45E-05	0.009324	0.234005
1978	494911.06	3859401.99	5.90077	10.27227	8.07267	4.0513	1.35E-01	0.01094	0.00012	0.01295	0.15868	1.78E-01	0.014473	9.88E-05	0.008041	2.01E-01	0.20632	0.014629	7.3E-05	0.008871	0.229893
1979	494961.06	3859401.99	5.85463	10.12905	7.97061	4.02141	1.34E-01	0.01079	0.00012	0.01286	0.15737	1.77E-01	0.014271	9.76E-05	0.007982	1.99E-01	0.204707	0.014425	7.21E-05	0.008806	0.22801
1980	495011.06	3859401.99	5.8236	9.98974	7.88644	3.98316	1.33E-01	0.01064	0.00012	0.01273	0.15639	1.76E-01	0.014075	9.65E-05	0.007906	1.98E-01	0.203622	0.014227	7.13E-05	0.008722	0.226642
1981	495061.06	3859401.99	5.80094	9.82786	7.82594	3.93904	1.32E-01	0.01047	0.00012	0.01259	0.15556	1.75E-01	0.013847	9.58E-05	0.007819	1.97E-01	0.20283	0.013996	7.08E-05	0.008625	0.225522
1982	495111.06	3859401.99	5.71953	9.49562	7.69333	3.7917	1.31E-01	0.01012	0.00012	0.01212	0.15288	1.73E-01	0.013379	9.42E-05	0.007526	1.94E-01	0.199983	0.013523	6.96E-05	0.008303	0.221878
1983	495161.06	3859401.99	5.69677	9.35517	7.66635	3.80106	1.30E-01	0.00997	0.00012	0.01215	0.15224	1.72E-01	0.013181	9.38E-05	0.007545	1.93E-01	0.199187	0.013323	6.94E-05	0.008323	0.220903
1984	495211.06	3859401.99	5.68218	9.20163	7.66481	3.79706	1.30E-01	0.0098	0.00012	0.01214	0.15173	1.71E-01	0.012965	9.38E-05	0.007537	1.92E-01	0.198677	0.013104	6.93E-05	0.008314	0.220165
1985	495261.06	3859401.99	5.63593	9.00016	7.60768	3.72691	1.29E-01	0.00959	0.00011	0.01192	0.15023	1.70E-01	0.012681	9.31E-05	0.007398	1.90E-01	0.19706	0.012818	6.88E-05	0.008161	0.218107
1986	495311.06	3859401.99	5.5817	8.98599	7.53732	3.64079	1.27E-01	0.00957	0.00011	0.01164	0.14871	1.68E-01	0.012661	9.23E-05	0.007227	1.88E-01	0.195164	0.012797	6.82E-05	0.007972	0.216001
1987	495361.06	3859401.99	5.56476	9.07517	7.54271	3.63404	1.27E-01	0.00967	0.00011	0.01162	0.14839	1.68E-01	0.012786	9.23E-05	0.007213	1.88E-01	0.194572	0.012924	6.82E-05	0.007957	0.215521
1988	495411.06	3859401.99	5.52009	9.06272	7.49701	3.56876	1.26E-01	0.00965	0.00011	0.01141	0.14715	1.67E-01	0.012769	9.18E-05	0.007084	1.87E-01	0.19301	0.012907	6.78E-05	0.007814	0.213798
1989	495461.06	3859401.99	5.44936	8.94573	7.39999	3.51952	1.24E-01	0.00953	0.00011	0.01125	0.14525	1.64E-01	0.012604	9.06E-05	0.006986	1.84E-01	0.190537	0.01274	6.69E-05	0.007707	0.21105
1990	495511.06	3859401.99	5.35322	8.7225	7.25152	3.57738	1.22E-01	0.00929	0.00011	0.01144	0.143	1.62E-01	0.012289	8.88E-05	0.007101	1.81E-01	0.187175	0.012422	6.56E-05	0.007833	0.207496
1991	495561.06	3859401.99	5.24092	8.42227	7.07119	3.63383	1.20E-01	0.00897	0.00011	0.01162	0.1403	1.58E-01	0.011866	8.65E-05	0.007213	1.77E-01	0.183248	0.011995	6.4E-05	0.007957	0.203264
1992	495611.06	3859401.99	5.16737	8.45107	6.97146	3.68982	1.18E-01	0.009	0.00011	0.0118	0.13883	1.56E-01	0.011907	8.53E-05	0.007324	1.75E-01	0.180677	0.012036	6.31E-05	0.008079	0.200855
1993	495661.06	3859401.99	5.10161	8.50116	6.88664	3.74468	1.16E-01	0.00906	0.0001	0.01197	0.13756	1.54E-01	0.011978	8.43E-05	0.007433	1.73E-01	0.178378	0.012107	6.23E-05	0.0082	0.198746
1994	494311.06	3859451.99	6.83958	12.3265	9.51362	6.71741	1.56E-01	0.01313	0.00014	0.02148	0.19084	2.06E-01	0.017367	0.000116	0.013333	2.37E-01	0.239146	0.017555	8.61E-05	0.014709	0.271495
1995	494361.06	3859451.99	6.79925	12.3917	9.42974	6.5035	1.55E-01	0.0132	0.00014	0.02079	0.1893	2.05E-01	0.017459	0.000115	0.012909	2.36E-01	0.237735	0.017648	8.53E-05	0.01424	0.269709
1996	494411.06	3859451.99	6.72338	12.39531	9.30445	6.14763	1.53E-01	0.01321	0.00014	0.01965	0.18643	2.03E-01	0.017464	0.000114	0.012202	2.33E-01	0.235083	0.017653	8.42E-05	0.013461	0.266281
1997	494461.06	3859451.99	6.68854	12.37841	9.21453	6.10093	1.53E-01	0.01319	0.00014	0.0195	0.18547	2.02E-01	0.01744	0.000113	0.01211	2.32E-01	0.233864	0.017629	8.34E-05	0.013359	0.264935
1998	494511.06	3859451.99	6.62811	12.3058	9.14496	5.93618	1.51E-01	0.01311	0.00014	0.01898	0.18348	2.00E-01	0.017338	0.000112	0.011783	2.29E-01	0.231751	0.017525	8.27E-05	0.012998	0.262358
1999	494561.06	3859451.99	6.57221	12.20519	9.10402	5.8227	1.50E-01	0.013	0.00014	0.01862	0.18174	1.98E-01	0.017196	0.000111	0.011557	2.27E-01	0.229797	0.017382	8.24E-05	0.01275	0.260011
2000	494611.06	3859451.99	6.53085	12.09203	9.06422	5.79216	1.49E-01	0.01288	0.00014	0.01852	0.18058	1.97E-01	0.017037	0.000111	0.011497	2.26E-01	0.228351	0.017221	8.2E-05	0.012683	0.258337
2001	494661.06	3859451.99	6.44995	11.8984	8.99689	5.60291	1.47E-01	0.01268	0.00014	0.01791	0.17792	1.95E-01	0.016764	0.00011	0.011121	2.23E-01	0.225522	0.016945	8.14E-05	0.012269	0.254817
2002	494711.06	3859451.99	6.37401	11.65783	8.91453	5.41356	1.45E-01	0.01242	0.00013	0.01731	0.17532	1.92E-01	0.016425	0.000109	0.010745	2.20E-01	0.222867	0.016602	8.06E-05	0.011854	0.251404
2003	494761.06	3859451.99	6.33317	11.39947	8.83014	5.26892	1.45E-01	0.01214	0.00013	0.01684	0.17365	1.91E-01	0.016061	0.000108	0.010458	2.18E-01	0.221439	0.016235	7.99E-05	0.011537	0.249291
2004	494811.06	3859451.99	6.25343	11.02651	8.69748	5.00395	1.43E-01	0.01175	0.00013	0.016	0.17058	1.89E-01	0.015536	0.000106	0.009932	2.14E-01	0.218651	0.015703	7.87E-05	0.010957	0.24539
2005	494861.06	3859451.99	6.1784	10.88965	8.56664	4.79982	1.41E-01	0.0116	0.00013	0.01535	0.16807	1.86E-01	0.015343	0.000105	0.009527	2.11E-01	0.216027	0.015508	7.75E-05	0.01051	0.242123
2006	494911.06	3859451.99	6.11825	10.80889	8.45187	4.66248	1.40E-01	0.01152	0.00013	0.01491	0.16617	1.85E-01	0.015229	0.000103	0.009255	2.09E-01	0.213924	0.015393	7.65E-05	0.010209	0.239603
2007	494961.06	3859451.99	6.08435	10.78638	8.36813	4.6068	1.39E-01	0.01149	0.00013	0.01473	0.1652	1.84E-01	0.015197	0.000102	0.009144	2.08E-01	0.212739	0.015361	7.57E-05	0.010087	0.238263
2008	495011.06	3859451.99	6.03587	10.6936	8.26522	4.51673	1.38E-01	0.01139	0.00012	0.01444	0.1637	1.82E-01	0.015067	0.000101	0.008965	2.06E-01	0.211044	0.015229	7.48E-05	0.00989	0.236238
2009	495061.06	3859451.99	5.98478	10.56824	8.15783	4.42409	1.37E-01	0.01126	0.00012	0.01414	0.1621	1.81E-01	0.01489	9.98E-05	0.008781	2.04E-01	0.209257	0.015051	7.38E-05	0.009687	0.234069

2010	495111.06	3859451.99	5.92902	10.40506	8.04332	4.32392	1.35E-01	0.01108	0.00012	0.01382	0.16033	1.79E-01	0.01466	9.84E-05	0.008583	2.02E-01	0.207308	0.014818	7.28E-05	0.009468	0.231667
2011	495161.06	3859451.99	5.90236	10.31339	8.00889	4.29727	1.35E-01	0.01099	0.00012	0.01374	0.15954	1.78E-01	0.014531	9.8E-05	0.00853	2.01E-01	0.206376	0.014688	7.25E-05	0.00941	0.230545
2012	495211.06	3859451.99	5.88205	10.22545	7.99736	4.29183	1.34E-01	0.01089	0.00012	0.01372	0.15897	1.78E-01	0.014407	9.79E-05	0.008519	2.01E-01	0.205666	0.014563	7.23E-05	0.009398	0.229698
2013	495261.06	3859451.99	5.85386	10.09527	7.97507	4.26635	1.34E-01	0.01075	0.00012	0.01364	0.1581	1.77E-01	0.014224	9.76E-05	0.008468	1.99E-01	0.20468	0.014377	7.21E-05	0.009342	0.228471
2014	495311.06	3859451.99	5.80138	9.86667	7.90856	4.17904	1.32E-01	0.01051	0.00012	0.01336	0.15638	1.75E-01	0.013902	9.68E-05	0.008295	1.97E-01	0.202845	0.014052	7.15E-05	0.009151	0.226119
2015	495361.06	3859451.99	5.75535	9.64658	7.85666	4.11065	1.31E-01	0.01028	0.00012	0.01314	0.15488	1.74E-01	0.013591	9.62E-05	0.008159	1.96E-01	0.201235	0.013738	7.11E-05	0.009001	0.224046
2016	495411.06	3859451.99	5.69642	9.36664	7.78055	4.00829	1.30E-01	0.00998	0.00012	0.01281	0.15291	1.72E-01	0.013197	9.52E-05	0.007956	1.93E-01	0.199175	0.013339	7.04E-05	0.008777	0.221362
2017	495461.06	3859451.99	5.64374	9.16955	7.71905	3.92397	1.29E-01	0.00977	0.00012	0.01255	0.15122	1.70E-01	0.012919	9.45E-05	0.007789	1.91E-01	0.197333	0.013059	6.98E-05	0.008592	0.219054
2018	495511.06	3859451.99	5.54464	9.01837	7.56139	3.72083	1.27E-01	0.00961	0.00011	0.0119	0.14815	1.67E-01	0.012706	9.25E-05	0.007385	1.88E-01	0.193868	0.012843	6.84E-05	0.008147	0.214927
2019	495561.06	3859451.99	5.47207	8.93806	7.46005	3.61544	1.25E-01	0.00952	0.00011	0.01156	0.14607	1.65E-01	0.012593	9.13E-05	0.007176	1.85E-01	0.191331	0.012729	6.75E-05	0.007917	0.212044
2020	495611.06	3859451.99	5.39933	8.84041	7.35945	3.53938	1.23E-01	0.00942	0.00011	0.01132	0.14406	1.63E-01	0.012456	9.01E-05	0.007025	1.83E-01	0.188787	0.01259	6.66E-05	0.00775	0.209194
2021	495661.06	3859451.99	5.32832	8.73184	7.26381	3.47134	1.22E-01	0.0093	0.00011	0.0111	0.14211	1.61E-01	0.012303	8.89E-05	0.00689	1.80E-01	0.186304	0.012435	6.57E-05	0.007601	0.206407
2022	494311.06	3859501.99	6.80139	12.49707	9.53107	7.03477	1.55E-01	0.01331	0.00014	0.02249	0.19116	2.05E-01	0.017608	0.000117	0.013963	2.37E-01	0.23781	0.017798	8.62E-05	0.015404	0.271098
2023	494361.06	3859501.99	6.78578	12.38937	9.49409	6.81707	1.55E-01	0.0132	0.00014	0.02179	0.18999	2.05E-01	0.017456	0.000116	0.013531	2.36E-01	0.237264	0.017644	8.59E-05	0.014927	0.269922
2024	494411.06	3859501.99	6.73236	12.20981	9.40948	6.35696	1.54E-01	0.01301	0.00014	0.02032	0.18711	2.03E-01	0.017203	0.000115	0.012618	2.33E-01	0.235397	0.017389	8.51E-05	0.01392	0.26679
2025	494461.06	3859501.99	6.72884	11.99676	9.35813	6.45667	1.54E-01	0.01278	0.00014	0.02064	0.18712	2.03E-01	0.016903	0.000115	0.012816	2.33E-01	0.235274	0.017085	8.47E-05	0.014138	0.266581
2026	494511.06	3859501.99	6.68259	12.037	9.26438	6.25896	1.53E-01	0.01282	0.00014	0.02001	0.18548	2.02E-01	0.016959	0.000113	0.012423	2.31E-01	0.233656	0.017142	8.38E-05	0.013705	0.264588
2027	494561.06	3859501.99	6.63276	12.05898	9.16287	6.10547	1.51E-01	0.01285	0.00014	0.01952	0.18387	2.00E-01	0.01699	0.000112	0.012119	2.29E-01	0.231914	0.017174	8.29E-05	0.013369	0.26254
2028	494611.06	3859501.99	6.62424	12.07168	9.09782	6.21567	1.51E-01	0.01286	0.00014	0.01987	0.18404	2.00E-01	0.017008	0.000111	0.012337	2.29E-01	0.231616	0.017192	8.23E-05	0.01361	0.262501
2029	494661.06	3859501.99	6.55397	12.01929	9.02513	5.98036	1.50E-01	0.0128	0.00014	0.01912	0.18163	1.98E-01	0.016934	0.00011	0.01187	2.27E-01	0.229159	0.017117	8.16E-05	0.013095	0.259453
2030	494711.06	3859501.99	6.45986	11.8943	8.96861	5.68303	1.47E-01	0.01267	0.00014	0.01817	0.17839	1.95E-01	0.016758	0.00011	0.01128	2.23E-01	0.225869	0.016939	8.11E-05	0.012444	0.255333
2031	494761.06	3859501.99	6.42949	11.81476	8.93429	5.7025	1.47E-01	0.01259	0.00013	0.01823	0.17768	1.94E-01	0.016646	0.000109	0.011319	2.22E-01	0.224807	0.016826	8.08E-05	0.012487	0.2542
2032	494811.06	3859501.99	6.28956	11.54585	8.81993	5.30085	1.44E-01	0.0123	0.00013	0.01695	0.17291	1.90E-01	0.016267	0.000108	0.010522	2.17E-01	0.219914	0.016443	7.98E-05	0.011607	0.248044
2033	494861.06	3859501.99	6.25172	11.3507	8.74701	5.19566	1.43E-01	0.01209	0.00013	0.01661	0.1715	1.89E-01	0.015992	0.000107	0.010313	2.15E-01	0.218591	0.016165	7.91E-05	0.011377	0.246212
2034	494911.06	3859501.99	6.23346	11.16445	8.68742	5.15616	1.42E-01	0.01189	0.00013	0.01648	0.17076	1.88E-01	0.01573	0.000106	0.010234	2.14E-01	0.217953	0.0159	7.86E-05	0.01129	0.245221
2035	494961.06	3859501.99	6.17996	10.87753	8.58523	4.99359	1.41E-01	0.01159	0.00013	0.01596	0.16871	1.87E-01	0.015326	0.000105	0.009912	2.12E-01	0.216082	0.015491	7.77E-05	0.010934	0.242585
2036	495011.06	3859501.99	6.15723	10.7386	8.51759	4.95751	1.41E-01	0.01144	0.00013	0.01585	0.16793	1.86E-01	0.01513	0.000104	0.00984	2.11E-01	0.215287	0.015293	7.71E-05	0.010855	0.241513
2037	495061.06	3859501.99	6.13275	10.79363	8.44652	4.92201	1.40E-01	0.0115	0.00013	0.01574	0.16732	1.85E-01	0.015208	0.000103	0.00977	2.10E-01	0.214431	0.015372	7.64E-05	0.010778	0.240657
2038	495111.06	3859501.99	6.07008	10.70203	8.32845	4.7639	1.39E-01	0.0114	0.00013	0.01523	0.16528	1.83E-01	0.015078	0.000102	0.009456	2.08E-01	0.21224	0.015241	7.53E-05	0.010431	0.237988
2039	495161.06	3859501.99	6.04266	10.70275	8.25104	4.73023	1.38E-01	0.0114	0.00012	0.01512	0.16455	1.82E-01	0.015079	0.000101	0.009389	2.07E-01	0.211281	0.015242	7.46E-05	0.010358	0.236956
2040	495211.06	3859501.99	6.02667	10.72199	8.22471	4.74015	1.38E-01	0.01142	0.00012	0.01515	0.16423	1.82E-01	0.015107	0.000101	0.009409	2.07E-01	0.210722	0.01527	7.44E-05	0.010379	0.236446
2041	495261.06	3859501.99	5.99178	10.65787	8.18915	4.69162	1.37E-01	0.01135	0.00012	0.015	0.16321	1.81E-01	0.015016	0.0001	0.009312	2.05E-01	0.209502	0.015178	7.41E-05	0.010273	0.235028
2042	495311.06	3859501.99	5.96023	10.58799	8.16292	4.66171	1.36E-01	0.01128	0.00012	0.0149	0.16232	1.80E-01	0.014918	9.99E-05	0.009253	2.04E-01	0.208399	0.015079	7.38E-05	0.010208	0.233759
2043	495361.06	3859501.99	5.91441	10.44846	8.11097	4.58384	1.35E-01	0.01113	0.00012	0.01465	0.16088	1.79E-01	0.014721	9.93E-05	0.009098	2.02E-01	0.206797	0.01488	7.34E-05	0.010037	0.231788
2044	495411.06	3859501.99	5.868	10.29006	8.05986	4.50909	1.34E-01	0.01096	0.00012	0.01442	0.15941	1.77E-01	0.014498	9.86E-05	0.00895	2.01E-01	0.205174	0.014655	7.29E-05	0.009873	0.229775
2045	495461.06	3859501.99	5.81198	10.07913	7.99026	4.4043	1.33E-01	0.01074	0.00012	0.01408	0.15757	1.75E-01	0.014201	9.78E-05	0.008742	1.98E-01	0.203216	0.014354	7.23E-05	0.009644	0.227286
2046	495511.06	3859501.99	5.70479	9.64782	7.82532	4.12912	1.30E-01	0.01028	0.00012	0.0132	0.15378	1.72E-01	0.013593	9.58E-05	0.008196	1.94E-01	0.199468	0.01374	7.08E-05	0.009041	0.22232
2047	495561.06	3859501.99	5.669	9.49141	7.78753	4.10396	1.29E-01	0.01011	0.00012	0.01312	0.15272	1.71E-01	0.013373	9.53E-05	0.008146	1.93E-01	0.198216	0.013517	7.05E-05	0.008986	0.22079
2048	495611.06	3859501.99	5.59862	9.18217	7.68988	3.96602	1.28E-01	0.00978	0.00012	0.01268	0.15034	1.69E-01	0.012937	9.41E-05	0.007872	1.90E-01	0.195755	0.013077	6.96E-05	0.008684	0.217586
2049	495661.06	3859501.99	5.52057	8.93778	7.57641	3.82926	1.26E-01	0.00952	0.00011	0.01224	0.14786	1.67E-01	0.012593	9.27E-05	0.007601	1.87E-01	0.193026	0.012729	6.85E-05	0.008385	0.214208
2050	494311.06	3859551.99	6.73691	12.2996	9.45184	7.31689	1.54E-01	0.0131	0.00014	0.02339	0.19038	2.03E-01	0.017329	0.000116	0.014523	2.35E-01	0.235556	0.017516	8.55E-05	0.016022	0.269179
2051	494361.06	3859551.99	6.72624	12.33023	9.46021	7.02504	1.53E-01	0.01314	0.00014	0.02246	0.18924	2.03E-01	0.017373	0.000116	0.013944	2.34E-01	0.235183	0.01756	8.56E-05	0.015382	0.268211
2052	494411.06	3859551.99	6.73258	12.35489	9.44216	6.54011	1.54E-01	0.01316	0.00014	0.02091	0.18786	2.03E-01	0.017407	0.000116	0.012981	2.34E-01	0.235404	0.017595	8.54E-05	0.014321	0.267406
2053	494461.06	3859551.99	6.70806	12.25362	9.40896	6.74854	1.53E-01	0.01305	0.00014	0.02158	0.18785	2.02E-01	0.017265	0.000115	0.013395	2.33E-01	0.234547	0.017451	8.51E-05	0.014777	0.26686
2054	494511.06	3859551.99	6.68651	12.13598	9.35331	6.56321	1.53E-01	0.01293	0.00014	0.02098	0.18664	2.02E-01	0.017099	0.000114	0.013027	2.32E-01	0.233793	0.017283	8.46E-05	0.014371	0.265533
2055	494561.06	3859551.99	6.66125	11.96564	9.28756	6.44481	1.52E-01	0.01275	0.00014	0.0206	0.18551	2.01E-01	0.016859	0.000114	0.012792	2.31E-01	0.23291	0.017041	8.4E-05	0.014112	0.264147
2056	494611.06	3859551.99	6.6415	11.76319	9.22126	6.42712	1.52E-01	0.01253	0.00014	0.02055	0.18478	2.00E-01	0.016574	0.000113	0.012757	2.30E-01	0.23222	0.016753	8.34E-05	0.014073	0.263129
2057	494661.06	3859551.99	6.61118	11.70064	9.14114	6.34172	1.51E-01	0.01247	0.00014	0.02027	0.18375	2.00E-01	0.016485	0.000112	0.012588	2.29E-01	0.23116	0.016663	8.27E-05	0.013886	0.261792
2058	494711.06	3859551.99	6.50339	11.69179	8.97681	5.84693	1.48E-01	0.01246	0.00014	0.01869	0.1797	1.96E-01	0.016473	0.00011	0.011606	2.24E-01	0.227391	0.016651	8.12E-05	0.012803	0.256926
2059	494761.06	3859551.99	6.51483	11.74743	8.93724	6.04812	1.49E-01	0.01252	0.00013	0.01934	0.18066	1.97E-01	0.016551	0.000109	0.012005	2.25E-01	0.227791	0.01673	8.09E-05	0.013243	0.257845
2060	494811.06	3859551.99	6.42203	11.67593	8.88812	5.72249	1.47E-01	0.01244	0.00013	0.01829	0.17742	1.94E-01	0.016451	0.000109	0.011359	2.22E-01	0.224546	0.016628	8.04E-05	0.01253	0.253785
2061	494861.06	3859551.99	6.3681	11.61022	8.84539	5.62644	1.45E-01	0.01237	0.00013	0.01799	0.17582	1.92E-01	0.016358	0.000108	0.011168	2.20E-01	0.22266	0.016535	8E-05	0.01232	0.251595
2062	494911.06	3859551.99	6.29986	11.49829	8.78749	5.48745	1.44E-01	0.01225	0.00013	0.01754	0.17369	1.90E-01	0.0162	0.000108	0.010892	2.17E-01	0.220274	0.016375	7.95E-05	0.012016	0.248745
2063	494961.06	3859551.99	6.25616	11.39347	8.74136	5.45923	1.43E-01	0.01214	0.00013	0.01745	0.17249	1.89E-01	0.016053	0.000107	0.010836	2.16E-01	0.218746	0.016226	7.91E-05	0.011954	0.247005
2064	495011.06	3859551.99	6.23395	11.27381	8.69486	5.45495	1.42E-01	0.01201	0.00013	0.01744	0.17184	1.88E-01	0.015884	0.000106	0.010828	2.15E-01	0.21797	0.016056	7.87E-05	0.011945	0.246048
2065	495061.06	3859551.99	6.20748	11.09307	8.62765	5.36699	1.42E-01	0.01182	0.00013	0.01716	0.17077	1.87E-01	0.015629	0.000106	0.010653	2.14E-01	0.217044	0.015798	7.81E-05	0.011752	0.244672
2066	495111.06	3859551.99	6.16759	10.86277	8.54349	5.22991	1.41E-01	0.01157	0.00013	0.01672	0.16917	1.86E-01	0.015305	0.000105	0.010381	2.12E-01	0.215649	0.01547	7.73E-05	0.011452	0.242649
2067	495161.06	3859551.99	6.15086	10.67032	8.48273	5.22051	1.40E-01	0.01137	0.00013	0.01669	0.16855	1.86E-01	0.015034	0.000104	0.010362	2.11E-01	0.215064	0.015196	7.67E-05	0.011431	0.241768
2068	495211.06	3859551.99	6.13636	10.75742	8.42245	5.23785	1.40E-01	0.01146	0.00013	0.01675	0.16837	1.85E-01	0.015157	0.000103	0.010397	2.11E-01	0.214557	0.01532	7.62E-05	0.011469	0.241423
2069	495261.06	3859551.99	6.09563	10.7581	8.33778	5.13262	1.39E-01	0.01146	0.00013	0.01641	0.1671	1.84E-01	0.015157	0.000102	0.010188	2.09E-01	0.213133	0.015321	7.54E-05	0.011239	0.239769
2070	495311.06	3859551.99	6.05867	10.75304	8.29994	5.05875	1.38E-01	0.01146	0.00013	0.01617	0.16602	1.83E-01	0.01515	0.000102	0.010041	2.08E-01	0.211841	0.015314	7.51E-05	0.011077	0.238307

2071	495361.06	3859551.99	6.02399	10.73934	8.26882	5.00713		1.37E-01	0.01144	0.00012	0.01601	0.16505		1.82E-01	0.015131	0.000101	0.009939	2.07E-01		0.210628	0.015294	7.48E-05	0.010964	0.236962
2072	495411.06	3859551.99	5.99115	10.71527	8.24481	4.97434		1.37E-01	0.01142	0.00012	0.0159	0.16417		1.81E-01	0.015097	0.000101	0.009874	2.06E-01		0.20948	0.01526	7.46E-05	0.010892	0.235707
2073	495461.06	3859551.99	5.92903	10.55867	8.15911	4.8072		1.35E-01	0.01125	0.00012	0.01537	0.16205		1.79E-01	0.014876	9.99E-05	0.009542	2.03E-01		0.207308	0.015037	7.38E-05	0.010526	0.232945
2074	495511.06	3859551.99	5.86032	10.35758	8.0604	4.62872		1.34E-01	0.01103	0.00012	0.0148	0.15969		1.77E-01	0.014593	9.87E-05	0.009188	2.01E-01		0.204906	0.014751	7.29E-05	0.010135	0.229865
2075	495561.06	3859551.99	5.80839	10.20393	7.99912	4.5303		1.33E-01	0.01087	0.00012	0.01448	0.15803		1.75E-01	0.014377	9.79E-05	0.008992	1.99E-01		0.20309	0.014532	7.24E-05	0.00992	0.227614
2076	495611.06	3859551.99	5.75254	10.01913	7.93083	4.42197		1.31E-01	0.01067	0.00012	0.01414	0.15621		1.74E-01	0.014116	9.71E-05	0.008777	1.97E-01		0.201137	0.014269	7.17E-05	0.009683	0.22516
2077	495661.06	3859551.99	5.6855	9.77329	7.83876	4.27745		1.30E-01	0.01041	0.00012	0.01368	0.15395		1.72E-01	0.01377	9.59E-05	0.00849	1.94E-01		0.198793	0.013919	7.09E-05	0.009366	0.222149
2078	494311.06	3859601.99	6.64259	11.67767	9.23868	7.6526		1.52E-01	0.01244	0.00014	0.02447	0.18863		2.00E-01	0.016453	0.000113	0.01519	2.32E-01		0.232258	0.016631	8.36E-05	0.016757	0.265729
2079	494361.06	3859601.99	6.75141	11.9484	9.37906	7.12358		1.54E-01	0.01273	0.00014	0.02277	0.18972		2.04E-01	0.016835	0.000115	0.01414	2.35E-01		0.236063	0.017016	8.48E-05	0.015598	0.268762
2080	494411.06	3859601.99	6.75303	12.07519	9.40295	6.8951		1.54E-01	0.01286	0.00014	0.02204	0.18916		2.04E-01	0.017013	0.000115	0.013686	2.35E-01		0.236119	0.017197	8.51E-05	0.015098	0.268499
2081	494461.06	3859601.99	6.67538	12.05505	9.36334	7.05117		1.52E-01	0.01284	0.00014	0.02254	0.18786		2.01E-01	0.016985	0.000115	0.013996	2.33E-01		0.233404	0.017168	8.47E-05	0.01544	0.266097
2082	494511.06	3859601.99	6.66783	12.10603	9.35846	6.74839		1.52E-01	0.0129	0.00014	0.02157	0.18678		2.01E-01	0.017057	0.000115	0.013395	2.32E-01		0.23314	0.017241	8.47E-05	0.014777	0.265242
2083	494561.06	3859601.99	6.6349	12.0368	9.31675	6.83785		1.51E-01	0.01282	0.00014	0.02186	0.18624		2.00E-01	0.016959	0.000114	0.013572	2.31E-01		0.231989	0.017142	8.43E-05	0.014973	0.264188
2084	494611.06	3859601.99	6.62747	11.95032	9.27068	6.83711		1.51E-01	0.01273	0.00014	0.02186	0.18597		2.00E-01	0.016837	0.000113	0.013571	2.31E-01		0.231729	0.017019	8.39E-05	0.014971	0.263803
2085	494661.06	3859601.99	6.59631	11.85453	9.21395	6.4641		1.51E-01	0.01263	0.00014	0.02067	0.18397		1.99E-01	0.016702	0.000113	0.012831	2.29E-01		0.23064	0.016883	8.34E-05	0.014154	0.26176
2086	494711.06	3859601.99	6.54839	11.70373	9.12954	6.19276		1.49E-01	0.01247	0.00014	0.0198	0.18184		1.98E-01	0.01649	0.000112	0.012292	2.27E-01		0.228964	0.016668	8.26E-05	0.01356	0.259275
2087	494761.06	3859601.99	6.56489	11.535	9.09202	6.50277		1.50E-01	0.01229	0.00014	0.02079	0.18303		1.98E-01	0.016252	0.000111	0.012907	2.27E-01		0.229541	0.016428	8.23E-05	0.014239	0.26029
2088	494811.06	3859601.99	6.5048	11.36414	8.98771	6.15997		1.48E-01	0.01211	0.00014	0.01969	0.18038		1.96E-01	0.016011	0.00011	0.012227	2.25E-01		0.22744	0.016184	8.13E-05	0.013488	0.257194
2089	494861.06	3859601.99	6.4688	11.41877	8.89816	6.08898		1.48E-01	0.01216	0.00013	0.01947	0.17939		1.95E-01	0.016088	0.000109	0.012086	2.24E-01		0.226181	0.016262	8.05E-05	0.013333	0.255857
2090	494911.06	3859601.99	6.40272	11.41912	8.80986	5.86186		1.46E-01	0.01217	0.00013	0.01874	0.17715		1.93E-01	0.016089	0.000108	0.011635	2.21E-01		0.223871	0.016262	7.97E-05	0.012836	0.253048
2091	494961.06	3859601.99	6.394	11.44476	8.78672	5.99665		1.46E-01	0.01219	0.00013	0.01917	0.17741		1.93E-01	0.016125	0.000108	0.011903	2.21E-01		0.223566	0.016299	7.95E-05	0.013131	0.253075
2092	495011.06	3859601.99	6.31652	11.37962	8.74451	5.74863		1.44E-01	0.01212	0.00013	0.01838	0.17478		1.91E-01	0.016033	0.000107	0.01141	2.18E-01		0.220857	0.016206	7.91E-05	0.012588	0.24973
2093	495061.06	3859601.99	6.28773	11.34	8.71045	5.79625		1.43E-01	0.01208	0.00013	0.01853	0.17423		1.90E-01	0.015977	0.000107	0.011505	2.17E-01		0.21985	0.01615	7.88E-05	0.012692	0.248771
2094	495111.06	3859601.99	6.2191	11.2286	8.65526	5.64304		1.42E-01	0.01196	0.00013	0.01804	0.17206		1.88E-01	0.01582	0.000106	0.011201	2.15E-01		0.21745	0.015991	7.83E-05	0.012356	0.245876
2095	495161.06	3859601.99	6.18868	11.12863	8.60803	5.65058		1.41E-01	0.01186	0.00013	0.01807	0.17128		1.87E-01	0.01568	0.000105	0.011216	2.14E-01		0.216387	0.015849	7.79E-05	0.012373	0.244686
2096	495211.06	3859601.99	6.1694	10.98815	8.54943	5.59557		1.41E-01	0.01171	0.00013	0.01789	0.17051		1.86E-01	0.015482	0.000105	0.011107	2.13E-01		0.215713	0.015649	7.73E-05	0.012252	0.243691
2097	495261.06	3859601.99	6.15015	10.83115	8.48794	5.56808		1.40E-01	0.01154	0.00013	0.0178	0.16982		1.86E-01	0.01526	0.000104	0.011052	2.12E-01		0.21504	0.015425	7.68E-05	0.012192	0.242734
2098	495311.06	3859601.99	6.12859	10.65593	8.42158	5.54882		1.40E-01	0.01135	0.00013	0.01774	0.16908		1.85E-01	0.015014	0.000103	0.011014	2.11E-01		0.214286	0.015176	7.62E-05	0.01215	0.241688
2099	495361.06	3859601.99	6.09739	10.59735	8.35877	5.46489		1.39E-01	0.01129	0.00013	0.01747	0.16803		1.84E-01	0.014931	0.000102	0.010847	2.10E-01		0.213195	0.015092	7.56E-05	0.011966	0.240329
2100	495411.06	3859601.99	6.06829	10.6653	8.34162	5.42837		1.38E-01	0.01136	0.00013	0.01735	0.16733		1.83E-01	0.015027	0.000102	0.010775	2.09E-01		0.212177	0.015189	7.55E-05	0.011886	0.239328
2101	495461.06	3859601.99	6.01534	10.60812	8.27045	5.21475		1.37E-01	0.0113	0.00012	0.01667	0.16537		1.82E-01	0.014946	0.000101	0.010351	2.07E-01		0.210326	0.015108	7.48E-05	0.011419	0.236927
2102	495511.06	3859601.99	5.95871	10.52663	8.19399	5.02912		1.36E-01	0.01121	0.00012	0.01608	0.1634		1.80E-01	0.014831	0.0001	0.009982	2.05E-01		0.208346	0.014991	7.41E-05	0.011012	0.234424
2103	495561.06	3859601.99	5.92916	10.54173	8.18048	5.02051		1.35E-01	0.01123	0.00012	0.01605	0.16271		1.79E-01	0.014853	0.0001	0.009965	2.04E-01		0.207313	0.015013	7.4E-05	0.010993	0.233393
2104	495611.06	3859601.99	5.85912	10.37123	8.07565	4.79524		1.34E-01	0.01105	0.00012	0.01533	0.16021		1.77E-01	0.014612	9.88E-05	0.009518	2.01E-01		0.204864	0.01477	7.31E-05	0.0105	0.230207
2105	495661.06	3859601.99	5.81759	10.30243	8.03824	4.73454		1.33E-01	0.01098	0.00012	0.01514	0.159		1.76E-01	0.014515	9.84E-05	0.009398	2.00E-01		0.203412	0.014672	7.27E-05	0.010367	0.228524
2106	494311.06	3859651.99	6.54852	11.02012	9.09547	7.79776		1.49E-01	0.01174	0.00014	0.02493	0.18625		1.98E-01	0.015527	0.000111	0.015478	2.29E-01		0.228969	0.015694	8.23E-05	0.017074	0.26182
2107	494361.06	3859651.99	6.71275	11.20393	9.30371	7.34039		1.53E-01	0.01194	0.00014	0.02347	0.18873		2.03E-01	0.015786	0.000114	0.01457	2.33E-01		0.234711	0.015956	8.42E-05	0.016073	0.266824
2108	494411.06	3859651.99	6.70338	11.38546	9.25649	7.23988		1.53E-01	0.01213	0.00014	0.02315	0.18839		2.02E-01	0.016041	0.000113	0.01437	2.33E-01		0.234383	0.016215	8.37E-05	0.015853	0.266535
2109	494461.06	3859651.99	6.62873	11.46118	9.20614	7.37412		1.51E-01	0.01221	0.00014	0.02358	0.1872		2.00E-01	0.016148	0.000113	0.014637	2.31E-01		0.231773	0.016322	8.33E-05	0.016147	0.264326
2110	494511.06	3859651.99	6.61788	11.59292	9.23109	7.24569		1.51E-01	0.01235	0.00014	0.02316	0.18668		2.00E-01	0.016334	0.000113	0.014382	2.31E-01		0.231394	0.01651	8.35E-05	0.015866	0.263853
2111	494561.06	3859651.99	6.57508	11.65892	9.22252	7.21031		1.50E-01	0.01242	0.00014	0.02305	0.18566		1.98E-01	0.016427	0.000113	0.014312	2.29E-01		0.229897	0.016604	8.34E-05	0.015788	0.262373
2112	494611.06	3859651.99	6.54554	11.69827	9.20863	7.15824		1.49E-01	0.01246	0.00014	0.02289	0.18486		1.98E-01	0.016482	0.000113	0.014208	2.28E-01		0.228864	0.01666	8.33E-05	0.015674	0.261282
2113	494661.06	3859651.99	6.54888	11.77427	9.22212	6.73792		1.49E-01	0.01254	0.00014	0.02154	0.18367		1.98E-01	0.016589	0.000113	0.013374	2.28E-01		0.228981	0.016768	8.34E-05	0.014754	0.260587
2114	494711.06	3859651.99	6.54409	11.73944	9.18445	6.70227		1.49E-01	0.01251	0.00014	0.02143	0.18341		1.98E-01	0.01654	0.000112	0.013303	2.27E-01		0.228814	0.016719	8.31E-05	0.014676	0.260291
2115	494761.06	3859651.99	6.54205	11.68963	9.14366	6.73791		1.49E-01	0.01245	0.00014	0.02154	0.18343		1.97E-01	0.01647	0.000112	0.013374	2.27E-01		0.228742	0.016648	8.27E-05	0.014754	0.260227
2116	494811.06	3859651.99	6.52296	11.60894	9.09112	6.5506		1.49E-01	0.01237	0.00014	0.02094	0.18231		1.97E-01	0.016356	0.000111	0.013002	2.26E-01		0.228075	0.016533	8.22E-05	0.014344	0.259034
2117	494861.06	3859651.99	6.50458	11.47449	9.02856	6.51626		1.48E-01	0.01222	0.00014	0.02083	0.18163		1.96E-01	0.016167	0.000111	0.012934	2.26E-01		0.227432	0.016341	8.17E-05	0.014268	0.258124
2118	494911.06	3859651.99	6.47588	11.31054	8.95551	6.4104		1.48E-01	0.01205	0.00013	0.02049	0.18046		1.95E-01	0.015936	0.00011	0.012724	2.24E-01		0.226429	0.016108	8.1E-05	0.014037	0.256654
2119	494961.06	3859651.99	6.44726	11.11191	8.87619	6.35476		1.47E-01	0.01184	0.00013	0.02032	0.17942		1.95E-01	0.015656	0.000109	0.012614	2.23E-01		0.225428	0.015825	8.03E-05	0.013915	0.255248
2120	495011.06	3859651.99	6.4107	11.11819	8.78683	6.26522		1.46E-01	0.01184	0.00013	0.02003	0.1783		1.93E-01	0.015665	0.000108	0.012436	2.22E-01		0.22415	0.015834	7.95E-05	0.013719	0.253782
2121	495061.06	3859651.99	6.37632	11.15509	8.73721	6.24978		1.46E-01	0.01188	0.00013	0.01998	0.17751		1.92E-01	0.015717	0.000107	0.012405	2.21E-01		0.222948	0.015886	7.9E-05	0.013685	0.252598
2122	495111.06	3859651.99	6.32916	11.17224	8.70228	6.13306		1.44E-01	0.0119	0.00013	0.01961	0.17608		1.91E-01	0.015741	0.000107	0.012173	2.19E-01		0.221299	0.015911	7.87E-05	0.013429	0.250718
2123	495161.06	3859651.99	6.28402	11.15565	8.66764	6.07575		1.43E-01	0.01188	0.00013	0.01942	0.17485		1.90E-01	0.015718	0.000106	0.01206	2.18E-01		0.21972	0.015887	7.84E-05	0.013304	0.24899
2124	495211.06	3859651.99	6.23843	11.11924	8.63253	6.0559		1.42E-01	0.01185	0.00013	0.01936	0.1737		1.88E-01	0.015666	0.000106	0.01202	2.16E-01		0.218126	0.015835	7.81E-05	0.01326	0.2473
2125	495261.06	3859651.99	6.18536	11.04938	8.58474	5.98444		1.41E-01	0.01177	0.00013	0.01913	0.17219		1.87E-01	0.015568	0.000105	0.011878	2.14E-01		0.216271	0.015736	7.77E-05	0.013104	0.245188
2126	495311.06	3859651.99	6.13344	10.96121	8.53565	5.93749		1.40E-01	0.01168	0.00013	0.01898	0.17076		1.85E-01	0.015444	0.000104	0.011785	2.12E-01		0.214455	0.01561	7.72E-05	0.013001	0.243144
2127	495361.06	3859651.99	6.1148	10.84392	8.48324	5.90107		1.40E-01	0.01155	0.00013	0.01887	0.17009		1.85E-01	0.015278	0.000104	0.011713	2.12E-01		0.213804	0.015443	7.67E-05	0.012921	0.242245
2128	495411.06	3859651.99	6.09206	10.70569	8.41811	5.82093		1.39E-01	0.01141	0.00013	0.01861	0.16917		1.84E-01	0.015084	0.000103	0.011554	2.11E-01		0.213009	0.015246	7.62E-05	0.012746	0.241077
2129	495461.06	3859651.99	6.06031	10.51838	8.32212	5.62173		1.38E-01	0.01121	0.00013	0.01797	0.16761		1.83E-01	0.01482	0.000102	0.011159	2.09E-01		0.211898	0.01498	7.53E-05	0.01231	0.239263
2130	495511.06	3859651.99	6.02323	10.30734	8.26449	5.45862		1.37E-01	0.01098	0.00012	0.01745	0.16601		1.82E-01	0.014522	0.000101	0.010835	2.07E-01		0.210602	0.014679	7.48E-05	0.011953	0.237308
2131	495561.06	3859651.99	5.99231	10.37063	8.2445	5.4028		1.37E-01	0.01105	0.00012	0.01727	0.16519		1.81E-01	0.014612	0.000101	0.010724	2.06E-01		0.209521	0.014769	7.46E-05	0.01183	0.236195

2132	495611.06	3859651.99	5.95319	10.39315	8.20656	5.29234	1.36E-01	0.01107	0.00012	0.01692	0.16397	1.80E-01	0.014643	0.0001	0.010505	2.05E-01	0.208153	0.014801	7.42E-05	0.011588	0.234617
2133	495661.06	3859651.99	5.90839	10.37596	8.15665	5.15877	1.35E-01	0.01105	0.00012	0.01649	0.1625	1.78E-01	0.014619	9.98E-05	0.01024	2.03E-01	0.206587	0.014777	7.38E-05	0.011296	0.232733
2134	494311.06	3859701.99	6.70217	11.72418	9.2362	7.57888	1.53E-01	0.01249	0.00014	0.02423	0.18981	2.02E-01	0.016519	0.000113	0.015043	2.34E-01	0.234341	0.016697	8.36E-05	0.016595	0.267717
2135	494361.06	3859701.99	6.72477	11.50594	9.28072	7.45546	1.53E-01	0.01226	0.00014	0.02384	0.1897	2.03E-01	0.016211	0.000114	0.014798	2.34E-01	0.235131	0.016386	8.4E-05	0.016325	0.267926
2136	494411.06	3859701.99	6.63463	11.1865	9.21801	7.45883	1.51E-01	0.01192	0.00014	0.02385	0.18731	2.00E-01	0.015761	0.000113	0.014805	2.31E-01	0.231979	0.015931	8.34E-05	0.016332	0.264326
2137	494461.06	3859701.99	6.48914	10.7803	9.00354	7.67574	1.48E-01	0.01148	0.00014	0.02454	0.18425	1.96E-01	0.015189	0.00011	0.015236	2.26E-01	0.226892	0.015353	8.15E-05	0.016807	0.259134
2138	494511.06	3859701.99	6.50494	10.78572	8.98632	7.58651	1.48E-01	0.01149	0.00014	0.02425	0.18433	1.96E-01	0.015196	0.00011	0.015058	2.27E-01	0.227445	0.01536	8.13E-05	0.016612	0.259499
2139	494561.06	3859701.99	6.47173	10.92817	8.99382	7.56548	1.48E-01	0.01164	0.00014	0.02419	0.18365	1.95E-01	0.015397	0.00011	0.015017	2.26E-01	0.226284	0.015563	8.14E-05	0.016566	0.258494
2140	494611.06	3859701.99	6.43988	11.05725	9.00718	7.52353	1.47E-01	0.01178	0.00014	0.02405	0.18293	1.94E-01	0.015579	0.00011	0.014933	2.25E-01	0.22517	0.015747	8.15E-05	0.016474	0.257473
2141	494661.06	3859701.99	6.54407	11.32454	9.13923	7.07201	1.49E-01	0.01206	0.00014	0.02261	0.18415	1.98E-01	0.015956	0.000112	0.014037	2.28E-01	0.228813	0.016128	8.27E-05	0.015485	0.260509
2142	494711.06	3859701.99	6.47392	11.36576	9.10487	7.14089	1.48E-01	0.01211	0.00014	0.02283	0.18282	1.95E-01	0.016014	0.000111	0.014174	2.26E-01	0.22636	0.016187	8.24E-05	0.015636	0.258265
2143	494761.06	3859701.99	6.47524	11.44334	9.10752	6.99342	1.48E-01	0.01219	0.00014	0.02236	0.18246	1.95E-01	0.016123	0.000111	0.013881	2.26E-01	0.226406	0.016297	8.24E-05	0.015313	0.258099
2144	494811.06	3859701.99	6.47656	11.48746	9.0947	6.83775	1.48E-01	0.01224	0.00014	0.02186	0.18204	1.95E-01	0.016185	0.000111	0.013572	2.25E-01	0.226453	0.01636	8.23E-05	0.014972	0.257867
2145	494861.06	3859701.99	6.46743	11.43097	9.03994	6.92437	1.48E-01	0.01218	0.00014	0.02214	0.18204	1.95E-01	0.016106	0.000111	0.013744	2.25E-01	0.226133	0.016279	8.18E-05	0.015162	0.257657
2146	494911.06	3859701.99	6.45958	11.39647	9.00331	6.81528	1.47E-01	0.01214	0.00014	0.02179	0.18148	1.95E-01	0.016057	0.00011	0.013528	2.25E-01	0.225859	0.01623	8.15E-05	0.014923	0.257094
2147	494961.06	3859701.99	6.44459	11.32696	8.95489	6.71364	1.47E-01	0.01207	0.00013	0.02146	0.18074	1.95E-01	0.015959	0.00011	0.013326	2.24E-01	0.225335	0.016131	8.1E-05	0.014701	0.256248
2148	495011.06	3859701.99	6.424	11.20435	8.88828	6.70697	1.47E-01	0.01194	0.00013	0.02144	0.18011	1.94E-01	0.015786	0.000109	0.013313	2.23E-01	0.224615	0.015957	8.04E-05	0.014686	0.255338
2149	495061.06	3859701.99	6.39986	11.06543	8.81871	6.63701	1.46E-01	0.01179	0.00013	0.02122	0.17919	1.93E-01	0.01559	0.000108	0.013174	2.22E-01	0.223771	0.015759	7.98E-05	0.014533	0.254142
2150	495111.06	3859701.99	6.37127	10.89706	8.74057	6.56559	1.45E-01	0.01161	0.00013	0.02099	0.17813	1.92E-01	0.015353	0.000107	0.013032	2.21E-01	0.222771	0.015519	7.91E-05	0.014376	0.252746
2151	495161.06	3859701.99	6.33677	10.79661	8.65556	6.47093	1.45E-01	0.0115	0.00013	0.02069	0.17693	1.91E-01	0.015212	0.000106	0.012844	2.19E-01	0.221565	0.015376	7.83E-05	0.014169	0.251188
2152	495211.06	3859701.99	6.29807	10.85383	8.63667	6.3628	1.44E-01	0.01156	0.00013	0.02034	0.17576	1.90E-01	0.015292	0.000106	0.012629	2.18E-01	0.220212	0.015457	7.81E-05	0.013932	0.24968
2153	495261.06	3859701.99	6.25672	10.86854	8.61348	6.40529	1.43E-01	0.01158	0.00013	0.02048	0.17497	1.89E-01	0.015313	0.000105	0.012714	2.17E-01	0.218766	0.015478	7.79E-05	0.014025	0.248348
2154	495311.06	3859701.99	6.21097	10.87517	8.58248	6.31085	1.42E-01	0.01159	0.00013	0.02018	0.17363	1.87E-01	0.015322	0.000105	0.012526	2.15E-01	0.217166	0.015488	7.76E-05	0.013819	0.24655
2155	495361.06	3859701.99	6.16096	10.85653	8.54441	6.22726	1.41E-01	0.01157	0.00013	0.01991	0.1722	1.86E-01	0.015296	0.000105	0.01236	2.14E-01	0.215418	0.015461	7.73E-05	0.013636	0.244592
2156	495411.06	3859701.99	6.10592	10.81377	8.49365	6.07999	1.39E-01	0.01152	0.00013	0.01944	0.17043	1.84E-01	0.015236	0.000104	0.012068	2.12E-01	0.213493	0.0154	7.68E-05	0.013313	0.242284
2157	495461.06	3859701.99	6.06276	10.7413	8.43865	5.97984	1.38E-01	0.01144	0.00013	0.01912	0.16905	1.83E-01	0.015134	0.000103	0.011869	2.10E-01	0.211984	0.015297	7.63E-05	0.013094	0.240451
2158	495511.06	3859701.99	6.03361	10.62741	8.34967	5.7316	1.38E-01	0.01132	0.00013	0.01832	0.16746	1.82E-01	0.014973	0.000102	0.011377	2.09E-01	0.210965	0.015135	7.55E-05	0.01255	0.238726
2159	495561.06	3859701.99	6.01486	10.51831	8.31095	5.79189	1.37E-01	0.01121	0.00013	0.01852	0.16711	1.82E-01	0.01482	0.000102	0.011496	2.08E-01	0.210309	0.01498	7.52E-05	0.012682	0.238046
2160	495611.06	3859701.99	5.98848	10.36981	8.23833	5.6972	1.37E-01	0.01105	0.00012	0.01821	0.16605	1.81E-01	0.01461	0.000101	0.011308	2.07E-01	0.209387	0.014768	7.45E-05	0.012475	0.236704
2161	495661.06	3859701.99	5.95793	10.19736	8.19712	5.58351	1.36E-01	0.01086	0.00012	0.01785	0.1648	1.80E-01	0.014367	0.0001	0.011083	2.05E-01	0.208319	0.014523	7.42E-05	0.012226	0.235141
2162	494311.06	3859751.99	6.5081	11.84499	8.91247	7.97594	1.49E-01	0.01262	0.00013	0.0255	0.18677	1.96E-01	0.016689	0.000109	0.015831	2.29E-01	0.227555	0.016869	8.06E-05	0.017465	0.26197
2163	494361.06	3859751.99	6.50345	11.71928	8.89762	7.89145	1.48E-01	0.01249	0.00013	0.02523	0.18626	1.96E-01	0.016512	0.000109	0.015664	2.29E-01	0.227393	0.01669	8.05E-05	0.01728	0.261443
2164	494411.06	3859751.99	6.53152	11.59005	8.99432	7.75334	1.49E-01	0.01235	0.00014	0.02479	0.18633	1.97E-01	0.01633	0.00011	0.01539	2.29E-01	0.228374	0.016506	8.14E-05	0.016977	0.261939
2165	494461.06	3859751.99	6.3275	11.25243	8.79162	7.90171	1.44E-01	0.01199	0.00013	0.02526	0.18178	1.91E-01	0.015854	0.000108	0.015684	2.23E-01	0.221241	0.016025	7.95E-05	0.017302	0.254647
2166	494511.06	3859751.99	6.22304	10.95469	8.66995	7.95868	1.42E-01	0.01167	0.00013	0.02544	0.17926	1.88E-01	0.015434	0.000106	0.015797	2.19E-01	0.217588	0.015601	7.84E-05	0.017427	0.250695
2167	494561.06	3859751.99	6.2519	10.71948	8.67138	7.88117	1.43E-01	0.01142	0.00013	0.0252	0.17942	1.89E-01	0.015103	0.000106	0.015643	2.20E-01	0.218597	0.015266	7.84E-05	0.017257	0.251199
2168	494611.06	3859751.99	6.31358	10.48367	8.73324	7.73579	1.44E-01	0.01117	0.00013	0.02473	0.18011	1.91E-01	0.014771	0.000107	0.015355	2.21E-01	0.220754	0.01493	7.9E-05	0.016939	0.252702
2169	494661.06	3859751.99	6.43566	10.50624	8.89795	7.41891	1.47E-01	0.01119	0.00013	0.02372	0.18191	1.94E-01	0.014803	0.000109	0.014726	2.24E-01	0.225022	0.014962	8.05E-05	0.016245	0.25631
2170	494711.06	3859751.99	6.37515	10.63632	8.88573	7.49852	1.45E-01	0.01133	0.00013	0.02397	0.18092	1.92E-01	0.014986	0.000109	0.014884	2.22E-01	0.222907	0.015148	8.04E-05	0.016419	0.254554
2171	494761.06	3859751.99	6.33677	10.75905	8.88722	7.47444	1.45E-01	0.01146	0.00013	0.0239	0.1801	1.91E-01	0.015159	0.000109	0.014836	2.21E-01	0.221565	0.015322	8.04E-05	0.016367	0.253334
2172	494811.06	3859751.99	6.3443	10.90153	8.92391	7.35234	1.45E-01	0.01161	0.00013	0.02351	0.18004	1.91E-01	0.01536	0.000109	0.014594	2.22E-01	0.221828	0.015525	8.07E-05	0.016099	0.253533
2173	494861.06	3859751.99	6.35466	10.9854	8.91938	7.30117	1.45E-01	0.0117	0.00013	0.02334	0.1802	1.92E-01	0.015478	0.000109	0.014492	2.22E-01	0.22219	0.015645	8.07E-05	0.015987	0.253903
2174	494911.06	3859751.99	6.36078	11.03991	8.90749	7.24204	1.45E-01	0.01176	0.00013	0.02315	0.18021	1.92E-01	0.015555	0.000109	0.014375	2.22E-01	0.222404	0.015722	8.06E-05	0.015858	0.254065
2175	494961.06	3859751.99	6.36174	11.06892	8.88554	7.18454	1.45E-01	0.01179	0.00013	0.02297	0.18008	1.92E-01	0.015595	0.000109	0.014261	2.22E-01	0.222438	0.015764	8.04E-05	0.015732	0.254014
2176	495011.06	3859751.99	6.36159	11.07574	8.85997	7.10394	1.45E-01	0.0118	0.00013	0.02271	0.17982	1.92E-01	0.015605	0.000108	0.014101	2.22E-01	0.222433	0.015773	8.02E-05	0.015555	0.253842
2177	495061.06	3859751.99	6.34594	11.026	8.80692	7.08552	1.45E-01	0.01175	0.00013	0.02265	0.17935	1.92E-01	0.015535	0.000108	0.014064	2.21E-01	0.221885	0.015703	7.97E-05	0.015515	0.253183
2178	495111.06	3859751.99	6.33476	10.97523	8.76264	7.01149	1.45E-01	0.01169	0.00013	0.02242	0.1788	1.91E-01	0.015463	0.000107	0.013917	2.21E-01	0.221495	0.01563	7.93E-05	0.015353	0.252557
2179	495161.06	3859751.99	6.32127	10.90004	8.71372	6.90902	1.44E-01	0.01161	0.00013	0.02209	0.17809	1.91E-01	0.015357	0.000107	0.013714	2.20E-01	0.221023	0.015523	7.88E-05	0.015128	0.251753
2180	495211.06	3859751.99	6.30233	10.80073	8.65585	6.80096	1.44E-01	0.01151	0.00013	0.02174	0.1772	1.90E-01	0.015218	0.000106	0.013499	2.19E-01	0.220361	0.015382	7.83E-05	0.014892	0.250713
2181	495261.06	3859751.99	6.27043	10.64343	8.5728	6.76562	1.43E-01	0.01134	0.00013	0.02163	0.17619	1.89E-01	0.014996	0.000105	0.013429	2.18E-01	0.219245	0.015158	7.76E-05	0.014814	0.249295
2182	495311.06	3859751.99	6.23917	10.48037	8.53035	6.67671	1.42E-01	0.01117	0.00013	0.02135	0.17502	1.88E-01	0.014766	0.000104	0.013253	2.16E-01	0.218152	0.014926	7.72E-05	0.01462	0.247775
2183	495361.06	3859751.99	6.20218	10.51544	8.51843	6.60194	1.42E-01	0.0112	0.00013	0.02111	0.17398	1.87E-01	0.014816	0.000104	0.013104	2.15E-01	0.216859	0.014976	7.71E-05	0.014456	0.246368
2184	495411.06	3859751.99	6.16043	10.55922	8.4986	6.52885	1.41E-01	0.01125	0.00013	0.02087	0.17284	1.86E-01	0.014877	0.000104	0.012959	2.14E-01	0.215399	0.015038	7.69E-05	0.014296	0.24481
2185	495461.06	3859751.99	6.12026	10.5956	8.47451	6.37723	1.40E-01	0.01129	0.00013	0.02039	0.17147	1.85E-01	0.014929	0.000104	0.012658	2.12E-01	0.213995	0.01509	7.67E-05	0.013964	0.243125
2186	495511.06	3859751.99	6.07305	10.60282	8.43738	6.21946	1.39E-01	0.0113	0.00013	0.01988	0.1699	1.83E-01	0.014939	0.000103	0.012345	2.11E-01	0.212344	0.0151	7.63E-05	0.013619	0.241139
2187	495561.06	3859751.99	6.02397	10.5726	8.39308	6.13588	1.37E-01	0.01126	0.00013	0.01962	0.16848	1.82E-01	0.014896	0.000103	0.012179	2.09E-01	0.210628	0.015057	7.59E-05	0.013436	0.239196
2188	495611.06	3859751.99	6.00588	10.51673	8.34205	6.0506	1.37E-01	0.0112	0.00013	0.01934	0.16773	1.81E-01	0.014817	0.000102	0.01201	2.08E-01	0.209995	0.014977	7.55E-05	0.013249	0.238297
2189	495661.06	3859751.99	5.989	10.4363	8.2878	6.00288	1.37E-01	0.01112	0.00012	0.01919	0.16711	1.81E-01	0.014704	0.000101	0.011915	2.07E-01	0.209405	0.014863	7.5E-05	0.013144	0.237487
2190	494311.06	3859801.99	6.20109	11.63036	8.59918	8.62993	1.42E-01	0.01239	0.00013	0.02759	0.18162	1.87E-01	0.016386	0.000105	0.01713	2.21E-01	0.216821	0.016563	7.78E-05	0.018897	0.252359
2191	494361.06	3859801.99	6.29515	11.60204	8.68357	8.29286	1.44E-01	0.01236	0.00013	0.02651	0.18266	1.90E-01	0.016347	0.000106	0.01646	2.23E-01	0.22011	0.016523	7.86E-05	0.018159	0.25487
2192	494411.06	3859801.99	6.39643	11.65088	8.78672	7.98247	1.46E-01	0.01241	0.00013	0.02552	0.18404	1.93E-01	0.016415	0.000108	0.015844	2.25E-01	0.223651	0.016593	7.95E-05	0.017479	0.257802

2193	494461.06	3859801.99	6.22242	11.3922	8.50376	8.10087		1.42E-01	0.01214	0.00013	0.0259	0.18016		1.88E-01	0.016051	0.000104	0.016079	2.20E-01		0.217567	0.016224	7.69E-05	0.017738	0.251606
2194	494511.06	3859801.99	6.00562	11.23532	8.28539	8.24		1.37E-01	0.01197	0.00012	0.02634	0.17549		1.81E-01	0.01583	0.000101	0.016356	2.14E-01		0.209986	0.016001	7.5E-05	0.018043	0.244105
2195	494561.06	3859801.99	5.97384	11.11781	8.30604	8.17791		1.36E-01	0.01184	0.00013	0.02614	0.17444		1.80E-01	0.015664	0.000102	0.016232	2.12E-01		0.208875	0.015833	7.51E-05	0.017907	0.24269
2196	494611.06	3859801.99	6.14817	10.92678	8.56941	7.91986		1.40E-01	0.01164	0.00013	0.02532	0.1774		1.86E-01	0.015395	0.000105	0.01572	2.17E-01		0.21497	0.015561	7.75E-05	0.017342	0.247951
2197	494661.06	3859801.99	6.19599	10.73639	8.6018	7.82517		1.41E-01	0.01144	0.00013	0.02502	0.17798		1.87E-01	0.015127	0.000105	0.015532	2.18E-01		0.216642	0.01529	7.78E-05	0.017135	0.249145
2198	494711.06	3859801.99	6.26648	10.53977	8.67924	7.67405		1.43E-01	0.01123	0.00013	0.02453	0.1789		1.89E-01	0.01485	0.000106	0.015232	2.19E-01		0.219107	0.01501	7.85E-05	0.016804	0.250999
2199	494761.06	3859801.99	6.1291	10.19084	8.50448	7.80192		1.40E-01	0.01086	0.00013	0.02494	0.1758		1.85E-01	0.014358	0.000104	0.015486	2.15E-01		0.214304	0.014513	7.69E-05	0.017084	0.245977
2200	494811.06	3859801.99	6.15051	10.08196	8.58592	7.70757		1.40E-01	0.01074	0.00013	0.02464	0.17587		1.86E-01	0.014205	0.000105	0.015299	2.15E-01		0.215052	0.014358	7.77E-05	0.016877	0.246365
2201	494861.06	3859801.99	6.11561	10.22245	8.59965	7.67719		1.40E-01	0.01089	0.00013	0.02454	0.17513		1.85E-01	0.014403	0.000105	0.015238	2.14E-01		0.213832	0.014558	7.78E-05	0.01681	0.245279
2202	494911.06	3859801.99	6.1825	10.39668	8.68728	7.55563		1.41E-01	0.01108	0.00013	0.02416	0.17645		1.87E-01	0.014648	0.000106	0.014997	2.16E-01		0.216171	0.014806	7.86E-05	0.016544	0.2476
2203	494961.06	3859801.99	6.20571	10.50872	8.70237	7.4998		1.42E-01	0.0112	0.00013	0.02398	0.17692		1.87E-01	0.014806	0.000107	0.014886	2.17E-01		0.216982	0.014966	7.87E-05	0.016422	0.248449
2204	495011.06	3859801.99	6.22403	10.6054	8.71396	7.42936		1.42E-01	0.0113	0.00013	0.02375	0.17722		1.88E-01	0.014942	0.000107	0.014747	2.18E-01		0.217623	0.015104	7.88E-05	0.016268	0.249073
2205	495061.06	3859801.99	6.22517	10.65322	8.69225	7.39388		1.42E-01	0.01135	0.00013	0.02364	0.17718		1.88E-01	0.01501	0.000106	0.014676	2.18E-01		0.217663	0.015172	7.86E-05	0.01619	0.249103
2206	495111.06	3859801.99	6.24755	10.71923	8.69748	7.28846		1.43E-01	0.01142	0.00013	0.0233	0.17743		1.89E-01	0.015103	0.000106	0.014467	2.18E-01		0.218445	0.015266	7.87E-05	0.015959	0.249749
2207	495161.06	3859801.99	6.25251	10.74824	8.6837	7.19431		1.43E-01	0.01145	0.00013	0.023	0.17727		1.89E-01	0.015144	0.000106	0.01428	2.18E-01		0.218619	0.015307	7.86E-05	0.015753	0.249757
2208	495211.06	3859801.99	6.23765	10.71936	8.63524	7.15498		1.42E-01	0.01142	0.00013	0.02287	0.17677		1.88E-01	0.015103	0.000106	0.014202	2.18E-01		0.218099	0.015266	7.81E-05	0.015667	0.24911
2209	495261.06	3859801.99	6.23381	10.69576	8.60258	7.04982		1.42E-01	0.01139	0.00013	0.02254	0.17632		1.88E-01	0.01507	0.000105	0.013993	2.17E-01		0.217965	0.015232	7.78E-05	0.015437	0.248712
2210	495311.06	3859801.99	6.20794	10.60876	8.53276	7.02036		1.42E-01	0.0113	0.00013	0.02244	0.17555		1.87E-01	0.014947	0.000104	0.013935	2.16E-01		0.21706	0.015108	7.72E-05	0.015372	0.247618
2211	495361.06	3859801.99	6.18892	10.51961	8.47418	6.93126		1.41E-01	0.01121	0.00013	0.02216	0.17473		1.87E-01	0.014821	0.000104	0.013758	2.15E-01		0.216395	0.014981	7.67E-05	0.015177	0.246631
2212	495411.06	3859801.99	6.1705	10.41461	8.41486	6.813		1.41E-01	0.0111	0.00013	0.02178	0.17382		1.86E-01	0.014674	0.000103	0.013523	2.15E-01		0.215751	0.014832	7.61E-05	0.014918	0.245577
2213	495461.06	3859801.99	6.13948	10.26602	8.40614	6.7318		1.40E-01	0.01094	0.00013	0.02152	0.17269		1.85E-01	0.014464	0.000103	0.013362	2.13E-01		0.214667	0.01462	7.6E-05	0.01474	0.244103
2214	495511.06	3859801.99	6.11364	10.23854	8.40997	6.5692		1.40E-01	0.01091	0.00013	0.021	0.17155		1.85E-01	0.014425	0.000103	0.013039	2.12E-01		0.213763	0.014581	7.61E-05	0.014384	0.242805
2215	495561.06	3859801.99	6.0698	10.28653	8.38858	6.5129		1.39E-01	0.01096	0.00013	0.02082	0.17042		1.83E-01	0.014493	0.000103	0.012927	2.11E-01		0.21223	0.01465	7.59E-05	0.014261	0.241217
2216	495611.06	3859801.99	6.01387	10.29009	8.35284	6.51922		1.37E-01	0.01096	0.00013	0.02084	0.16917		1.82E-01	0.014498	0.000102	0.01294	2.09E-01		0.210275	0.014655	7.56E-05	0.014275	0.23928
2217	495661.06	3859801.99	5.97696	10.32041	8.32645	6.37568		1.36E-01	0.01099	0.00013	0.02038	0.1679		1.80E-01	0.014541	0.000102	0.012655	2.08E-01		0.208984	0.014698	7.53E-05	0.013961	0.237718
2218	494311.06	3859851.99	5.97932	11.04555	8.32419	9.21578		1.36E-01	0.01177	0.00013	0.02946	0.17781		1.80E-01	0.015562	0.000102	0.018292	2.14E-01		0.209067	0.01573	7.53E-05	0.020179	0.245052
2219	494361.06	3859851.99	6.03272	11.19255	8.37568	8.94128		1.38E-01	0.01192	0.00013	0.02859	0.17831		1.82E-01	0.01577	0.000103	0.017748	2.16E-01		0.210934	0.01594	7.58E-05	0.019578	0.246528
2220	494411.06	3859851.99	6.10646	11.35048	8.471	8.63568		1.39E-01	0.01209	0.00013	0.02761	0.17918		1.84E-01	0.015992	0.000104	0.017141	2.18E-01		0.213512	0.016165	7.66E-05	0.018909	0.248663
2221	494461.06	3859851.99	6.11227	11.38327	8.45028	8.36388		1.39E-01	0.01213	0.00013	0.02674	0.17848		1.84E-01	0.016038	0.000103	0.016601	2.17E-01		0.213715	0.016211	7.64E-05	0.018314	0.248317
2222	494511.06	3859851.99	5.98254	11.21361	8.24866	8.3061		1.37E-01	0.01195	0.00012	0.02655	0.17515		1.81E-01	0.015799	0.000101	0.016487	2.13E-01		0.209179	0.01597	7.46E-05	0.018188	0.243411
2223	494561.06	3859851.99	5.82204	10.96177	7.97342	8.39838		1.33E-01	0.01168	0.00012	0.02685	0.17151		1.76E-01	0.015444	9.76E-05	0.01667	2.08E-01		0.203567	0.015611	7.21E-05	0.01839	0.23764
2224	494611.06	3859851.99	6.00268	11.02247	8.24896	8.13244		1.37E-01	0.01174	0.00012	0.026	0.17485		1.81E-01	0.01553	0.000101	0.016142	2.13E-01		0.209883	0.015698	7.46E-05	0.017807	0.243463
2225	494661.06	3859851.99	5.88813	10.98361	8.16419	8.16132		1.34E-01	0.0117	0.00012	0.02609	0.17229		1.78E-01	0.015475	9.99E-05	0.016199	2.09E-01		0.205878	0.015642	7.39E-05	0.017871	0.239465
2226	494711.06	3859851.99	5.98129	10.79112	8.34423	7.9865		1.36E-01	0.0115	0.00013	0.02553	0.17365		1.81E-01	0.015204	0.000102	0.015852	2.12E-01		0.209135	0.015368	7.55E-05	0.017488	0.242067
2227	494761.06	3859851.99	5.8665	10.49987	8.1435	8.07913		1.34E-01	0.01119	0.00012	0.02583	0.17102		1.77E-01	0.014794	9.97E-05	0.016036	2.08E-01		0.205122	0.014953	7.37E-05	0.017691	0.237839
2228	494811.06	3859851.99	5.89467	10.33012	8.16816	8.00318		1.35E-01	0.01101	0.00012	0.02559	0.17124		1.78E-01	0.014554	1E-04	0.015885	2.08E-01		0.206107	0.014712	7.39E-05	0.017524	0.238417
2229	494861.06	3859851.99	5.8501	10.08691	8.10894	7.99733		1.34E-01	0.01075	0.00012	0.02557	0.16994		1.77E-01	0.014212	9.92E-05	0.015874	2.07E-01		0.204548	0.014365	7.34E-05	0.017511	0.236498
2230	494911.06	3859851.99	5.89462	9.88979	8.25676	7.88812		1.35E-01	0.01054	0.00012	0.02522	0.1704		1.78E-01	0.013934	0.000101	0.015657	2.08E-01		0.206105	0.014085	7.47E-05	0.017272	0.237537
2231	494961.06	3859851.99	5.91004	9.69427	8.29926	7.83044		1.35E-01	0.01033	0.00013	0.02503	0.17036		1.78E-01	0.013659	0.000102	0.015543	2.08E-01		0.206644	0.013806	7.51E-05	0.017146	0.237671
2232	495011.06	3859851.99	5.95565	9.8506	8.34043	7.76817		1.36E-01	0.01049	0.00013	0.02484	0.17137		1.80E-01	0.013879	0.000102	0.015419	2.09E-01		0.208239	0.014029	7.55E-05	0.01701	0.239353
2233	495061.06	3859851.99	5.96311	9.96236	8.34765	7.73399		1.36E-01	0.01061	0.00013	0.02473	0.17155		1.80E-01	0.014036	0.000102	0.015351	2.09E-01		0.2085	0.014188	7.55E-05	0.016935	0.239698
2234	495111.06	3859851.99	6.03128	10.12119	8.43428	7.61541		1.38E-01	0.01078	0.00013	0.02435	0.17289		1.82E-01	0.01426	0.000103	0.015116	2.12E-01		0.210883	0.014414	7.63E-05	0.016675	0.242049
2235	495161.06	3859851.99	6.06294	10.22593	8.47085	7.53682		1.38E-01	0.01089	0.00013	0.0241	0.17348		1.83E-01	0.014408	0.000104	0.01496	2.12E-01		0.21199	0.014563	7.66E-05	0.016503	0.243133
2236	495211.06	3859851.99	6.08595	10.30139	8.48004	7.47271		1.39E-01	0.01097	0.00013	0.02389	0.17388		1.84E-01	0.014514	0.000104	0.014833	2.13E-01		0.212795	0.014671	7.67E-05	0.016363	0.243905
2237	495261.06	3859851.99	6.10764	10.36093	8.48524	7.38917		1.39E-01	0.01104	0.00013	0.02362	0.17417		1.84E-01	0.014598	0.000104	0.014667	2.14E-01		0.213553	0.014755	7.68E-05	0.01618	0.244565
2238	495311.06	3859851.99	6.09753	10.37058	8.44971	7.34373		1.39E-01	0.01105	0.00013	0.02348	0.1738		1.84E-01	0.014611	0.000103	0.014577	2.13E-01		0.2132	0.014769	7.64E-05	0.01608	0.244126
2239	495361.06	3859851.99	6.09596	10.36741	8.41617	7.2801		1.39E-01	0.01104	0.00013	0.02327	0.17356		1.84E-01	0.014607	0.000103	0.01445	2.13E-01		0.213145	0.014765	7.61E-05	0.015941	0.243927
2240	495411.06	3859851.99	6.1049	10.37038	8.39744	7.17067		1.39E-01	0.01105	0.00013	0.02292	0.17342		1.84E-01	0.014611	0.000103	0.014233	2.13E-01		0.213457	0.014769	7.6E-05	0.015701	0.244004
2241	495461.06	3859851.99	6.09886	10.33812	8.36152	7.06302		1.39E-01	0.01101	0.00013	0.02258	0.1729		1.84E-01	0.014566	0.000102	0.014019	2.13E-01		0.213246	0.014723	7.56E-05	0.015466	0.243511
2242	495511.06	3859851.99	6.09254	10.28916	8.32344	6.93234		1.39E-01	0.01096	0.00013	0.02216	0.17229		1.84E-01	0.014497	0.000102	0.01376	2.12E-01		0.213025	0.014653	7.53E-05	0.01518	0.242933
2243	495561.06	3859851.99	6.05515	10.16319	8.26192	6.89872		1.38E-01	0.01083	0.00012	0.02206	0.17119		1.83E-01	0.014319	0.000101	0.013693	2.11E-01		0.211718	0.014474	7.47E-05	0.015106	0.241372
2244	495611.06	3859851.99	6.0161	10.02004	8.25495	6.85608		1.37E-01	0.01067	0.00012	0.02192	0.17001		1.82E-01	0.014118	0.000101	0.013609	2.09E-01		0.210353	0.01427	7.47E-05	0.015013	0.23971
2245	495661.06	3859851.99	5.99416	9.90408	8.26579	6.72389		1.37E-01	0.01055	0.00012	0.0215	0.16896		1.81E-01	0.013954	0.000101	0.013346	2.08E-01		0.209585	0.014105	7.48E-05	0.014723	0.238488
2246	494311.06	3859901.99	5.93614	10.70985	8.12839	9.71768		1.35E-01	0.01141	0.00012	0.03107	0.17807		1.79E-01	0.015089	9.95E-05	0.019289	2.14E-01		0.207557	0.015252	7.35E-05	0.021278	0.244161
2247	494361.06	3859901.99	5.98122	10.89075	8.24319	9.39932		1.36E-01	0.0116	0.00012	0.03005	0.17827		1.81E-01	0.015344	0.000101	0.018657	2.15E-01		0.209133	0.01551	7.46E-05	0.020581	0.245299
2248	494411.06	3859901.99	5.8763	10.68217	8.14542	9.22402		1.34E-01	0.01138	0.00012	0.02949	0.17509		1.77E-01	0.01505	9.97E-05	0.018309	2.11E-01		0.205464	0.015213	7.37E-05	0.020198	0.240949
2249	494461.06	3859901.99	5.86077	10.7708	8.147	8.98184		1.34E-01	0.01147	0.00012	0.02872	0.17406		1.77E-01	0.015175	9.97E-05	0.017828	2.10E-01		0.204921	0.015339	7.37E-05	0.019667	0.240002
2250	494511.06	3859901.99	5.8062	10.74775	8.04716	8.76951		1.33E-01	0.01145	0.00012	0.02804	0.17211		1.75E-01	0.015143	9.85E-05	0.017407	2.08E-01		0.203013	0.015306	7.28E-05	0.019202	0.237595
2251	494561.06	3859901.99	5.62456	10.4542	7.74569	8.62749		1.28E-01	0.01114	0.00012	0.02758	0.16719		1.70E-01	0.014729	9.48E-05	0.017125	2.02E-01		0.196662	0.014888	7.01E-05	0.018891	0.230512
2252	494611.06	3859901.99	5.81425	10.84818	8.00364	8.36265		1.33E-01	0.01156	0.00012	0.02674	0.1711		1.75E-01	0.015284	9.8E-05	0.016599	2.07E-01		0.203295	0.015449	7.24E-05	0.018311	0.237128
2253	494661.06	3859901.99	5.62962	10.58103	7.72415	8.46652		1.28E-01	0.01127	0.00012	0.02707	0.16693		1.70E-01	0.014908	9.45E-05	0.016805	2.02E-01		0.196839	0.015069	6.99E-05	0.018539	0.230517

2254	494711.06	3859901.99	5.82882	10.88115	7.99466	8.20384	1.33E-01	0.01159	0.00012	0.02623	0.17096	1.76E-01	0.015331	9.78E-05	0.016284	2.08E-01	0.203804	0.015496	7.23E-05	0.017964	0.237337
2255	494761.06	3859901.99	5.68992	10.67858	7.88303	8.25338	1.30E-01	0.01138	0.00012	0.02639	0.16773	1.72E-01	0.015045	9.65E-05	0.016382	2.03E-01	0.198948	0.015208	7.13E-05	0.018072	0.232299
2256	494811.06	3859901.99	5.57969	10.44938	7.75453	8.29801	1.27E-01	0.01113	0.00012	0.02653	0.16511	1.68E-01	0.014723	9.49E-05	0.016471	2.00E-01	0.195094	0.014881	7.02E-05	0.01817	0.228215
2257	494861.06	3859901.99	5.55599	10.30025	7.70881	8.28307	1.27E-01	0.01097	0.00012	0.02648	0.16436	1.68E-01	0.014512	9.43E-05	0.016441	1.99E-01	0.194265	0.014669	6.97E-05	0.018137	0.227141
2258	494911.06	3859901.99	5.606	10.25957	7.78717	8.17794	1.28E-01	0.01093	0.00012	0.02615	0.16513	1.69E-01	0.014455	9.53E-05	0.016232	2.00E-01	0.196013	0.014611	7.04E-05	0.017907	0.228602
2259	494961.06	3859901.99	5.59005	10.08994	7.75954	8.14431	1.28E-01	0.01075	0.00012	0.02604	0.16447	1.69E-01	0.014216	9.5E-05	0.016166	1.99E-01	0.195456	0.01437	7.02E-05	0.017833	0.227729
2260	495011.06	3859901.99	5.62942	9.9684	7.85336	8.05646	1.28E-01	0.01062	0.00012	0.02576	0.16496	1.70E-01	0.014045	9.61E-05	0.015991	2.00E-01	0.196832	0.014196	7.1E-05	0.017641	0.228741
2261	495061.06	3859901.99	5.67622	9.79612	7.91541	7.9929	1.30E-01	0.01044	0.00012	0.02555	0.16564	1.71E-01	0.013802	9.69E-05	0.015865	2.01E-01	0.198469	0.013951	7.16E-05	0.017502	0.229993
2262	495111.06	3859901.99	5.76146	9.38326	8.05311	7.87745	1.31E-01	0.01	0.00012	0.02518	0.16678	1.74E-01	0.01322	9.86E-05	0.015636	2.03E-01	0.201449	0.013363	7.29E-05	0.017249	0.232134
2263	495161.06	3859901.99	5.82766	9.5406	8.1607	7.7749	1.33E-01	0.01016	0.00012	0.02486	0.16814	1.76E-01	0.013442	9.99E-05	0.015432	2.05E-01	0.203764	0.013587	7.38E-05	0.017024	0.234449
2264	495211.06	3859901.99	5.82439	9.63754	8.14533	7.75732	1.33E-01	0.01027	0.00012	0.0248	0.16811	1.76E-01	0.013579	9.97E-05	0.015397	2.05E-01	0.203649	0.013725	7.37E-05	0.016986	0.234434
2265	495261.06	3859901.99	5.91302	9.81627	8.25399	7.61988	1.35E-01	0.01046	0.00012	0.02436	0.16988	1.78E-01	0.013831	0.000101	0.015125	2.08E-01	0.206748	0.01398	7.47E-05	0.016685	0.237488
2266	495311.06	3859901.99	5.90205	9.87391	8.22172	7.60365	1.35E-01	0.01052	0.00012	0.02431	0.16964	1.78E-01	0.013912	0.000101	0.015092	2.07E-01	0.206365	0.014062	7.44E-05	0.016649	0.237151
2267	495361.06	3859901.99	5.93574	9.96557	8.2508	7.52046	1.35E-01	0.01062	0.00012	0.02404	0.17024	1.79E-01	0.014041	0.000101	0.014927	2.08E-01	0.207543	0.014192	7.46E-05	0.016467	0.238277
2268	495411.06	3859901.99	5.98346	10.0586	8.3021	7.40896	1.37E-01	0.01072	0.00013	0.02369	0.17107	1.81E-01	0.014172	0.000102	0.014706	2.10E-01	0.209211	0.014325	7.51E-05	0.016223	0.239835
2269	495461.06	3859901.99	6.00405	10.1098	8.30455	7.31995	1.37E-01	0.01077	0.00013	0.0234	0.17131	1.81E-01	0.014244	0.000102	0.014529	2.10E-01	0.209931	0.014398	7.51E-05	0.016028	0.240432
2270	495511.06	3859901.99	5.98461	10.09332	8.2507	7.28146	1.37E-01	0.01075	0.00012	0.02328	0.17073	1.81E-01	0.014221	0.000101	0.014453	2.09E-01	0.209252	0.014374	7.46E-05	0.015944	0.239645
2271	495561.06	3859901.99	5.96396	10.05804	8.18997	7.2435	1.36E-01	0.01072	0.00012	0.02316	0.1701	1.80E-01	0.014171	0.0001	0.014378	2.09E-01	0.20853	0.014324	7.41E-05	0.015861	0.238789
2272	495611.06	3859901.99	5.97268	10.04556	8.16307	7.1377	1.36E-01	0.0107	0.00012	0.02282	0.16995	1.80E-01	0.014154	9.99E-05	0.014168	2.09E-01	0.208834	0.014306	7.38E-05	0.015629	0.238844
2273	495661.06	3859901.99	5.96929	10.01534	8.12978	7.01276	1.36E-01	0.01067	0.00012	0.02242	0.16944	1.80E-01	0.014111	9.95E-05	0.01392	2.08E-01	0.208716	0.014263	7.35E-05	0.015356	0.238408
2274	494311.06	3859951.99	5.83967	9.2318	8.05553	10.18326	1.33E-01	0.00984	0.00012	0.03256	0.17578	1.76E-01	0.013007	9.86E-05	0.020213	2.10E-01	0.204184	0.013147	7.29E-05	0.022298	0.239702
2275	494361.06	3859951.99	5.82905	9.18852	8.03666	9.95488	1.33E-01	0.00979	0.00012	0.03183	0.17476	1.76E-01	0.012946	9.84E-05	0.019759	2.09E-01	0.203812	0.013086	7.27E-05	0.021798	0.238769
2276	494411.06	3859951.99	5.81493	10.39447	7.96697	9.73212	1.33E-01	0.01107	0.00012	0.03111	0.17501	1.76E-01	0.014645	9.75E-05	0.019317	2.10E-01	0.203319	0.014803	7.21E-05	0.02131	0.239504
2277	494461.06	3859951.99	5.76921	10.36593	7.85379	9.51706	1.32E-01	0.01104	0.00012	0.03043	0.17325	1.74E-01	0.014605	9.61E-05	0.01889	2.08E-01	0.20172	0.014763	7.11E-05	0.020839	0.237393
2278	494511.06	3859951.99	5.67894	10.20261	7.75568	9.32974	1.30E-01	0.01087	0.00012	0.02983	0.17041	1.71E-01	0.014375	9.49E-05	0.018519	2.04E-01	0.198564	0.01453	7.02E-05	0.020429	0.233593
2279	494561.06	3859951.99	5.50051	8.87743	7.43401	9.22146	1.26E-01	0.00946	0.00011	0.02948	0.16458	1.66E-01	0.012508	9.1E-05	0.018304	1.97E-01	0.192325	0.012643	6.73E-05	0.020192	0.225227
2280	494611.06	3859951.99	5.52624	10.09827	7.63583	8.88537	1.26E-01	0.01076	0.00012	0.02841	0.16539	1.67E-01	0.014228	9.35E-05	0.017637	1.99E-01	0.193225	0.014381	6.91E-05	0.019456	0.227131
2281	494661.06	3859951.99	5.39703	8.82608	7.44007	8.71864	1.23E-01	0.0094	0.00011	0.02787	0.16055	1.63E-01	0.012435	9.11E-05	0.017306	1.93E-01	0.188707	0.01257	6.73E-05	0.019091	0.220435
2282	494711.06	3859951.99	5.52435	10.22957	7.58641	8.5337	1.26E-01	0.0109	0.00011	0.02728	0.16436	1.67E-01	0.014413	9.29E-05	0.016939	1.98E-01	0.193159	0.014568	6.86E-05	0.018686	0.226482
2283	494761.06	3859951.99	5.4573	10.158	7.46555	8.53349	1.25E-01	0.01082	0.00011	0.02728	0.16276	1.65E-01	0.014312	9.14E-05	0.016938	1.96E-01	0.190814	0.014466	6.75E-05	0.018685	0.224034
2284	494811.06	3859951.99	5.41579	10.11572	7.39935	8.50854	1.24E-01	0.01078	0.00011	0.0272	0.16168	1.63E-01	0.014252	9.06E-05	0.016889	1.95E-01	0.189363	0.014406	6.69E-05	0.018631	0.222467
2285	494861.06	3859951.99	5.29778	9.94705	7.33639	8.53167	1.21E-01	0.0106	0.00011	0.02728	0.15888	1.60E-01	0.014015	8.98E-05	0.016934	1.91E-01	0.185237	0.014166	6.64E-05	0.018682	0.218151
2286	494911.06	3859951.99	5.33872	10.01643	7.40233	8.42677	1.22E-01	0.01067	0.00011	0.02694	0.15956	1.61E-01	0.014113	9.06E-05	0.016726	1.92E-01	0.186668	0.014265	6.7E-05	0.018452	0.219452
2287	494961.06	3859951.99	5.37567	10.02718	7.45944	8.33843	1.23E-01	0.01068	0.00011	0.02666	0.16013	1.62E-01	0.014128	9.13E-05	0.016551	1.93E-01	0.18796	0.01428	6.75E-05	0.018258	0.220566
2288	495011.06	3859951.99	5.40769	9.98343	7.4911	8.26395	1.23E-01	0.01064	0.00011	0.02642	0.16058	1.63E-01	0.014066	9.17E-05	0.016403	1.94E-01	0.18908	0.014218	6.78E-05	0.018095	0.22146
2289	495061.06	3859951.99	5.40505	9.87083	7.47434	8.21964	1.23E-01	0.01052	0.00011	0.02628	0.16025	1.63E-01	0.013907	9.15E-05	0.016315	1.93E-01	0.188987	0.014058	6.76E-05	0.017998	0.221111
2290	495111.06	3859951.99	5.45956	9.82673	7.61326	8.11309	1.25E-01	0.01047	0.00011	0.02594	0.16111	1.65E-01	0.013845	9.32E-05	0.016104	1.95E-01	0.190893	0.013995	6.89E-05	0.017765	0.222722
2291	495161.06	3859951.99	5.54111	9.73546	7.7263	8.01084	1.26E-01	0.01037	0.00012	0.02561	0.16255	1.67E-01	0.013717	9.46E-05	0.015901	1.97E-01	0.193745	0.013865	6.99E-05	0.017541	0.22522
2292	495211.06	3859951.99	5.61834	9.37776	7.83021	7.91242	1.28E-01	0.00999	0.00012	0.0253	0.16362	1.70E-01	0.013213	9.58E-05	0.015705	1.99E-01	0.196445	0.013355	7.08E-05	0.017326	0.227197
2293	495261.06	3859951.99	5.65991	9.16947	7.89864	7.84963	1.29E-01	0.00977	0.00012	0.0251	0.16415	1.71E-01	0.012919	9.67E-05	0.015581	1.99E-01	0.197898	0.013059	7.15E-05	0.017188	0.228217
2294	495311.06	3859951.99	5.64498	9.18124	7.86747	7.84595	1.29E-01	0.00978	0.00012	0.02508	0.16381	1.70E-01	0.012936	9.63E-05	0.015573	1.99E-01	0.197376	0.013075	7.12E-05	0.01718	0.227703
2295	495361.06	3859951.99	5.66944	9.30278	7.90045	7.79402	1.29E-01	0.00991	0.00012	0.02492	0.16433	1.71E-01	0.013107	9.67E-05	0.01547	2.00E-01	0.198232	0.013249	7.15E-05	0.017066	0.228618
2296	495411.06	3859951.99	5.72634	9.45626	7.99161	7.69332	1.31E-01	0.01007	0.00012	0.0246	0.16547	1.73E-01	0.013323	9.78E-05	0.01527	2.02E-01	0.200221	0.013467	7.23E-05	0.016846	0.230606
2297	495461.06	3859951.99	5.77406	9.57344	8.02697	7.61001	1.32E-01	0.0102	0.00012	0.02433	0.16642	1.74E-01	0.013488	9.82E-05	0.015105	2.03E-01	0.20189	0.013634	7.26E-05	0.016663	0.23226
2298	495511.06	3859951.99	5.81124	9.6751	8.06765	7.5209	1.33E-01	0.01031	0.00012	0.02404	0.16709	1.75E-01	0.013632	9.87E-05	0.014928	2.04E-01	0.20319	0.013779	7.3E-05	0.016468	0.23351
2299	495561.06	3859951.99	5.76741	9.66523	7.97853	7.53111	1.32E-01	0.0103	0.00012	0.02408	0.16611	1.74E-01	0.013618	9.77E-05	0.014948	2.03E-01	0.201657	0.013765	7.22E-05	0.016491	0.231985
2300	495611.06	3859951.99	5.80614	9.73858	8.01337	7.42846	1.33E-01	0.01037	0.00012	0.02375	0.16675	1.75E-01	0.013721	9.81E-05	0.014745	2.04E-01	0.203011	0.013869	7.25E-05	0.016266	0.233219
2301	495661.06	3859951.99	5.86241	9.81659	8.07077	7.29451	1.34E-01	0.01046	0.00012	0.02332	0.16769	1.77E-01	0.013831	9.88E-05	0.014479	2.05E-01	0.204979	0.01398	7.3E-05	0.015973	0.235005
2302	494311.06	3860001.99	5.7379	9.09827	7.95486	10.57913	1.31E-01	0.00969	0.00012	0.03382	0.17458	1.73E-01	0.012819	9.74E-05	0.020998	2.07E-01	0.200625	0.012957	7.2E-05	0.023165	0.236819
2303	494361.06	3860001.99	5.7016	9.0526	7.899	10.40313	1.30E-01	0.00964	0.00012	0.03326	0.17314	1.72E-01	0.012755	9.67E-05	0.020649	2.06E-01	0.199356	0.012892	7.15E-05	0.022779	0.235099
2304	494411.06	3860001.99	5.74431	9.03802	7.91661	10.16232	1.31E-01	0.00963	0.00012	0.03249	0.17333	1.73E-01	0.012734	9.69E-05	0.020171	2.06E-01	0.200849	0.012871	7.16E-05	0.022252	0.236045
2305	494461.06	3860001.99	5.68136	9.01075	7.7923	10.00115	1.30E-01	0.0096	0.00012	0.03197	0.17134	1.71E-01	0.012696	9.54E-05	0.019851	2.04E-01	0.198648	0.012833	7.05E-05	0.021899	0.233451
2306	494511.06	3860001.99	5.67353	8.96669	7.74564	9.77914	1.29E-01	0.00955	0.00012	0.03126	0.17041	1.71E-01	0.012633	9.48E-05	0.019411	2.03E-01	0.198375	0.01277	7.01E-05	0.021413	0.232628
2307	494561.06	3860001.99	5.46415	8.91356	7.37709	9.72945	1.25E-01	0.0095	0.00011	0.03111	0.16541	1.65E-01	0.012559	9.03E-05	0.019312	1.97E-01	0.191054	0.012694	6.67E-05	0.021304	0.225119
2308	494611.06	3860001.99	5.43195	8.84166	7.30464	9.47568	1.24E-01	0.00942	0.00011	0.03029	0.16378	1.64E-01	0.012457	8.94E-05	0.018808	1.95E-01	0.189928	0.012592	6.61E-05	0.020749	0.223334
2309	494661.06	3860001.99	5.36372	8.75766	7.18953	9.25888	1.22E-01	0.00933	0.00011	0.0296	0.16144	1.62E-01	0.012339	8.8E-05	0.018378	1.93E-01	0.187542	0.012472	6.5E-05	0.020274	0.220353
2310	494711.06	3860001.99	5.45103	8.65702	7.48718	8.89065	1.24E-01	0.00922	0.00011	0.02842	0.16216	1.65E-01	0.012197	9.16E-05	0.017647	1.94E-01	0.190595	0.012329	6.77E-05	0.019468	0.222459
2311	494761.06	3860001.99	5.29298	8.63228	7.21302	8.72981	1.21E-01	0.0092	0.00011	0.02791	0.158	1.60E-01	0.012162	8.83E-05	0.017328	1.89E-01	0.185069	0.012294	6.53E-05	0.019115	0.216543
2312	494811.06	3860001.99	5.22244	8.62068	7.10545	8.73189	1.19E-01	0.00918	0.00011	0.02792	0.15639	1.58E-01	0.012146	8.7E-05	0.017332	1.87E-01	0.182602	0.012277	6.43E-05	0.01912	0.214064
2313	494861.06	3860001.99	5.14501	8.59807	7.02654	8.7528	1.17E-01	0.00916	0.00011	0.02798	0.15466	1.55E-01	0.012114	8.6E-05	0.017373	1.85E-01	0.179895	0.012245	6.36E-05	0.019166	0.211369
2314	494911.06	3860001.99	5.28649	9.8161	7.2379	8.50322	1.21E-01	0.01046	0.00011	0.02719	0.15839	1.60E-01	0.01383	8.86E-05	0.016878	1.90E-01	0.184842	0.01398	6.55E-05	0.018619	0.217506

2315	494961.06	3860001.99	5.21684	9.7129	7.20536	8.51096	1.19E-01	0.01035	0.00011	0.02721	0.15672	1.57E-01	0.013685	8.82E-05	0.016893	1.88E-01	0.182407	0.013833	6.52E-05	0.018636	0.21494
2316	495011.06	3860001.99	5.22655	9.77722	7.25343	8.42394	1.19E-01	0.01042	0.00011	0.02693	0.15673	1.58E-01	0.013775	8.88E-05	0.016721	1.88E-01	0.182746	0.013924	6.56E-05	0.018446	0.215181
2317	495061.06	3860001.99	5.15246	9.62662	7.18788	8.43399	1.18E-01	0.01026	0.00011	0.02696	0.15491	1.56E-01	0.013563	8.8E-05	0.016741	1.86E-01	0.180155	0.01371	6.5E-05	0.018468	0.212398
2318	495111.06	3860001.99	5.22075	9.67129	7.23901	8.33701	1.19E-01	0.0103	0.00011	0.02665	0.15621	1.58E-01	0.013626	8.86E-05	0.016548	1.88E-01	0.182543	0.013773	6.55E-05	0.018255	0.214637
2319	495161.06	3860001.99	5.26276	9.68661	7.2843	8.23998	1.20E-01	0.01032	0.00011	0.02634	0.15687	1.59E-01	0.013648	8.92E-05	0.016356	1.89E-01	0.184012	0.013795	6.59E-05	0.018043	0.215916
2320	495211.06	3860001.99	5.23994	9.51194	7.2687	8.23546	1.20E-01	0.01013	0.00011	0.02633	0.15615	1.58E-01	0.013402	8.9E-05	0.016347	1.88E-01	0.183214	0.013546	6.58E-05	0.018033	0.214859
2321	495261.06	3860001.99	5.30466	9.46335	7.36434	8.15098	1.21E-01	0.01008	0.00011	0.02606	0.15731	1.60E-01	0.013333	9.01E-05	0.016179	1.90E-01	0.185477	0.013477	6.66E-05	0.017848	0.216869
2322	495311.06	3860001.99	5.32817	9.33016	7.41385	8.10639	1.22E-01	0.00994	0.00011	0.02592	0.15756	1.61E-01	0.013146	9.07E-05	0.01609	1.90E-01	0.186299	0.013288	6.71E-05	0.01775	0.217404
2323	495361.06	3860001.99	5.46488	9.32246	7.61705	7.94032	1.25E-01	0.00993	0.00011	0.02539	0.16014	1.65E-01	0.013135	9.32E-05	0.015761	1.94E-01	0.191079	0.013277	6.89E-05	0.017387	0.221811
2324	495411.06	3860001.99	5.41816	9.07311	7.55879	7.96239	1.24E-01	0.00967	0.00011	0.02546	0.15888	1.64E-01	0.012783	9.25E-05	0.015805	1.92E-01	0.189446	0.012921	6.84E-05	0.017435	0.21987
2325	495461.06	3860001.99	5.46507	8.91034	7.60998	7.89044	1.25E-01	0.00949	0.00011	0.02523	0.15955	1.65E-01	0.012554	9.31E-05	0.015662	1.93E-01	0.191086	0.01269	6.88E-05	0.017277	0.221122
2326	495511.06	3860001.99	5.50715	9.02466	7.64931	7.82686	1.26E-01	0.00961	0.00012	0.02502	0.16043	1.66E-01	0.012715	9.36E-05	0.015536	1.95E-01	0.192557	0.012852	6.92E-05	0.017138	0.222617
2327	495561.06	3860001.99	5.48211	9.09254	7.61333	7.81049	1.25E-01	0.00969	0.00011	0.02497	0.15988	1.65E-01	0.012811	9.32E-05	0.015503	1.94E-01	0.191682	0.012949	6.89E-05	0.017102	0.221802
2328	495611.06	3860001.99	5.56098	9.19252	7.71465	7.69853	1.27E-01	0.00979	0.00012	0.02461	0.16143	1.68E-01	0.012952	9.44E-05	0.015281	1.96E-01	0.194439	0.013091	6.98E-05	0.016857	0.224458
2329	495661.06	3860001.99	5.61923	9.31992	7.79018	7.59351	1.28E-01	0.00993	0.00012	0.02428	0.16256	1.70E-01	0.013131	9.53E-05	0.015072	1.98E-01	0.196476	0.013273	7.05E-05	0.016627	0.226447
2330	494411.06	3860051.99	5.64662	8.96793	7.78367	10.57705	1.29E-01	0.00955	0.00012	0.03382	0.17235	1.70E-01	0.012635	9.53E-05	0.020994	2.04E-01	0.197434	0.012772	7.04E-05	0.02316	0.233436
2331	494461.06	3860051.99	5.60335	8.86545	7.73624	10.40009	1.28E-01	0.00944	0.00012	0.03325	0.17068	1.69E-01	0.012491	9.47E-05	0.020643	2.02E-01	0.195921	0.012626	7E-05	0.022773	0.231389
2332	494511.06	3860051.99	5.57371	8.8438	7.65907	10.22372	1.27E-01	0.00942	0.00012	0.03269	0.16942	1.68E-01	0.01246	9.37E-05	0.020293	2.01E-01	0.194884	0.012595	6.93E-05	0.022387	0.229935
2333	494561.06	3860051.99	5.4814	8.83041	7.47939	10.12054	1.25E-01	0.00941	0.00011	0.03236	0.16697	1.65E-01	0.012441	9.15E-05	0.020088	1.98E-01	0.191657	0.012576	6.77E-05	0.022161	0.226461
2334	494611.06	3860051.99	5.4206	8.8016	7.35086	9.94716	1.24E-01	0.00938	0.00011	0.0318	0.16499	1.64E-01	0.012401	9E-05	0.019744	1.96E-01	0.189531	0.012535	6.65E-05	0.021781	0.223913
2335	494661.06	3860051.99	5.36187	8.75803	7.23518	9.75127	1.22E-01	0.00933	0.00011	0.03118	0.16298	1.62E-01	0.01234	8.86E-05	0.019355	1.94E-01	0.187477	0.012473	6.55E-05	0.021352	0.221368
2336	494711.06	3860051.99	5.34632	8.70044	7.17922	9.48023	1.22E-01	0.00927	0.00011	0.03031	0.16169	1.61E-01	0.012258	8.79E-05	0.018817	1.93E-01	0.186934	0.012391	6.49E-05	0.020759	0.220148
2337	494761.06	3860051.99	5.27754	8.63088	7.02924	9.27129	1.20E-01	0.00919	0.00011	0.02964	0.15938	1.59E-01	0.01216	8.6E-05	0.018403	1.90E-01	0.184529	0.012292	6.36E-05	0.020301	0.217185
2338	494811.06	3860051.99	5.19579	8.54982	6.92492	9.0733	1.19E-01	0.00911	0.0001	0.02901	0.15679	1.57E-01	0.012046	8.48E-05	0.01801	1.87E-01	0.181671	0.012176	6.26E-05	0.019867	0.213777
2339	494861.06	3860051.99	5.10843	8.45745	6.83755	8.95609	1.17E-01	0.00901	0.0001	0.02863	0.15432	1.54E-01	0.011916	8.37E-05	0.017777	1.84E-01	0.178616	0.012045	6.19E-05	0.019611	0.210333
2340	494911.06	3860051.99	5.0629	8.4365	6.80523	8.86677	1.16E-01	0.00899	0.0001	0.02835	0.15298	1.53E-01	0.011886	8.33E-05	0.0176	1.82E-01	0.177024	0.012015	6.16E-05	0.019415	0.208516
2341	494961.06	3860051.99	5.02247	8.42424	6.8482	8.75696	1.15E-01	0.00897	0.0001	0.028	0.15169	1.52E-01	0.011869	8.38E-05	0.017382	1.81E-01	0.17561	0.011997	6.2E-05	0.019175	0.206844
2342	495011.06	3860051.99	5.03823	8.40042	6.91397	8.66736	1.15E-01	0.00895	0.0001	0.02771	0.15174	1.52E-01	0.011836	8.46E-05	0.017204	1.81E-01	0.176161	0.011963	6.25E-05	0.018979	0.207166
2343	495061.06	3860051.99	5.02509	8.36566	6.9346	8.6116	1.15E-01	0.00891	0.0001	0.02753	0.15122	1.52E-01	0.011787	8.49E-05	0.017093	1.81E-01	0.175702	0.011914	6.27E-05	0.018857	0.206535
2344	495111.06	3860051.99	5.03713	8.32032	7.03098	8.49755	1.15E-01	0.00886	0.00011	0.02717	0.15109	1.52E-01	0.011723	8.61E-05	0.016867	1.81E-01	0.176123	0.011849	6.36E-05	0.018607	0.206643
2345	495161.06	3860051.99	5.04047	8.2661	7.04123	8.43944	1.15E-01	0.00881	0.00011	0.02698	0.15092	1.52E-01	0.011646	8.62E-05	0.016751	1.81E-01	0.17624	0.011772	6.37E-05	0.01848	0.206555
2346	495211.06	3860051.99	5.06771	9.41284	7.06707	8.35728	1.16E-01	0.01003	0.00011	0.02672	0.1525	1.53E-01	0.013262	8.65E-05	0.016588	1.83E-01	0.177192	0.013405	6.39E-05	0.0183	0.208961
2347	495261.06	3860051.99	5.06748	9.33543	7.03868	8.32504	1.16E-01	0.00995	0.00011	0.02662	0.15231	1.53E-01	0.013153	8.61E-05	0.016524	1.83E-01	0.177184	0.013295	6.37E-05	0.018229	0.208772
2348	495311.06	3860051.99	5.0532	9.21059	6.99478	8.30807	1.15E-01	0.00981	0.00011	0.02656	0.1518	1.53E-01	0.012977	8.56E-05	0.016491	1.82E-01	0.176685	0.013117	6.33E-05	0.018192	0.208057
2349	495361.06	3860051.99	5.07875	9.12681	7.04235	8.2655	1.16E-01	0.00972	0.00011	0.02643	0.15216	1.53E-01	0.012859	8.62E-05	0.016406	1.83E-01	0.177578	0.012998	6.37E-05	0.018099	0.208739
2350	495411.06	3860051.99	5.11652	9.05202	7.09827	8.20977	1.17E-01	0.00964	0.00011	0.02625	0.15276	1.54E-01	0.012754	8.69E-05	0.016296	1.84E-01	0.178899	0.012891	6.42E-05	0.017977	0.209831
2351	495461.06	3860051.99	5.16569	8.99138	7.1754	8.13198	1.18E-01	0.00958	0.00011	0.026	0.15357	1.56E-01	0.012668	8.78E-05	0.016141	1.85E-01	0.180618	0.012805	6.49E-05	0.017806	0.211294
2352	495511.06	3860051.99	5.17472	8.84153	7.18966	8.10033	1.18E-01	0.00942	0.00011	0.0259	0.15352	1.56E-01	0.012457	8.8E-05	0.016078	1.85E-01	0.180934	0.012592	6.5E-05	0.017737	0.211327
2353	495561.06	3860051.99	5.20397	8.71974	7.23464	8.03734	1.19E-01	0.00929	0.00011	0.0257	0.15385	1.57E-01	0.012286	8.85E-05	0.015953	1.85E-01	0.181957	0.012418	6.54E-05	0.017599	0.212039
2354	495611.06	3860051.99	5.26096	8.60741	7.30888	7.95607	1.20E-01	0.00917	0.00011	0.02544	0.15478	1.59E-01	0.012127	8.95E-05	0.015792	1.87E-01	0.183949	0.012258	6.61E-05	0.017421	0.213695
2355	495661.06	3860051.99	5.3582	8.71814	7.44383	7.8346	1.22E-01	0.00929	0.00011	0.02505	0.15673	1.62E-01	0.012283	9.11E-05	0.015551	1.90E-01	0.187349	0.012416	6.73E-05	0.017155	0.216988
2356	494411.06	3860101.99	5.71893	8.96928	7.77412	10.83715	1.31E-01	0.00956	0.00012	0.03465	0.17483	1.73E-01	0.012637	9.51E-05	0.021511	2.07E-01	0.199962	0.012774	7.03E-05	0.02373	0.236536
2357	494461.06	3860101.99	5.61451	8.90614	7.6767	10.76824	1.28E-01	0.00949	0.00012	0.03443	0.17216	1.69E-01	0.012548	9.4E-05	0.021374	2.03E-01	0.196311	0.012684	6.94E-05	0.023579	0.232643
2358	494511.06	3860101.99	5.56829	8.8336	7.65331	10.56343	1.27E-01	0.00941	0.00012	0.03377	0.17037	1.68E-01	0.012446	9.37E-05	0.020967	2.02E-01	0.194695	0.01258	6.92E-05	0.02313	0.230475
2359	494561.06	3860101.99	5.47132	8.74446	7.55245	10.43715	1.25E-01	0.00932	0.00011	0.03337	0.16766	1.65E-01	0.01232	9.24E-05	0.020717	1.98E-01	0.191304	0.012453	6.83E-05	0.022854	0.22668
2360	494611.06	3860101.99	5.40232	8.63768	7.43959	10.32362	1.23E-01	0.0092	0.00011	0.033	0.1656	1.63E-01	0.01217	9.11E-05	0.020491	1.96E-01	0.188892	0.012301	6.73E-05	0.022605	0.223866
2361	494661.06	3860101.99	5.35667	8.63406	7.34507	10.15823	1.22E-01	0.0092	0.00011	0.03248	0.16403	1.62E-01	0.012165	8.99E-05	0.020163	1.94E-01	0.187296	0.012296	6.64E-05	0.022243	0.221901
2362	494711.06	3860101.99	5.3376	8.62432	7.26326	9.93162	1.22E-01	0.00919	0.00011	0.03175	0.16286	1.61E-01	0.012151	8.89E-05	0.019713	1.93E-01	0.186629	0.012282	6.57E-05	0.021747	0.220724
2363	494761.06	3860101.99	5.28614	8.59385	7.15164	9.73998	1.21E-01	0.00916	0.00011	0.03114	0.16104	1.60E-01	0.012108	8.75E-05	0.019333	1.91E-01	0.18483	0.012239	6.47E-05	0.021327	0.21846
2364	494811.06	3860101.99	5.22342	8.54884	7.02877	9.53677	1.19E-01	0.00911	0.00011	0.03049	0.15891	1.58E-01	0.012045	8.6E-05	0.018929	1.89E-01	0.182637	0.012175	6.36E-05	0.020882	0.215757
2365	494861.06	3860101.99	5.13959	8.47461	6.90045	9.35712	1.17E-01	0.00903	0.0001	0.02991	0.15634	1.55E-01	0.01194	8.45E-05	0.018573	1.86E-01	0.179705	0.012069	6.24E-05	0.020489	0.212326
2366	494911.06	3860101.99	5.12897	8.42883	6.82148	9.06228	1.17E-01	0.00898	0.0001	0.02897	0.1551	1.55E-01	0.011876	8.35E-05	0.017988	1.85E-01	0.179334	0.012004	6.17E-05	0.019843	0.211243
2367	494961.06	3860101.99	5.06661	8.34974	6.76676	8.85334	1.16E-01	0.0089	0.0001	0.0283	0.15293	1.53E-01	0.011764	8.28E-05	0.017573	1.82E-01	0.177154	0.011891	6.12E-05	0.019386	0.208492
2368	495011.06	3860101.99	5.01349	8.26061	6.73547	8.78782	1.14E-01	0.0088	0.0001	0.02809	0.15141	1.51E-01	0.011639	8.24E-05	0.017443	1.80E-01	0.175296	0.011764	6.09E-05	0.019242	0.206364
2369	495061.06	3860101.99	4.95378	8.2458	6.71277	8.72615	1.13E-01	0.00878	0.0001	0.0279	0.14983	1.50E-01	0.011618	8.22E-05	0.01732	1.79E-01	0.173209	0.011743	6.07E-05	0.019107	0.20412
2370	495111.06	3860101.99	4.95659	8.23342	6.78693	8.62068	1.13E-01	0.00877	0.0001	0.02756	0.14955	1.50E-01	0.0116	8.31E-05	0.017111	1.78E-01	0.173307	0.011726	6.14E-05	0.018876	0.20397
2371	495161.06	3860101.99	4.9075	8.21183	6.77319	8.60433	1.12E-01	0.00875	0.0001	0.02751	0.14835	1.48E-01	0.01157	8.29E-05	0.017079	1.77E-01	0.17159	0.011695	6.13E-05	0.018841	0.202187
2372	495211.06	3860101.99	4.8961	8.17897	6.79531	8.55712	1.12E-01	0.00871	0.0001	0.02736	0.14791	1.48E-01	0.011524	8.32E-05	0.016985	1.76E-01	0.171192	0.011648	6.15E-05	0.018737	0.201639
2373	495261.06	3860101.99	4.87501	8.13714	6.80574	8.50176	1.11E-01	0.00867	0.0001	0.02718	0.1472	1.47E-01	0.011465	8.33E-05	0.016875	1.76E-01	0.170454	0.011588	6.16E-05	0.018616	0.200721
2374	495311.06	3860101.99	4.86845	8.08615	6.79837	8.46215	1.11E-01	0.00861	0.0001	0.02705	0.14687	1.47E-01	0.011393	8.32E-05	0.016796	1.75E-01	0.170225	0.011516	6.15E-05	0.018529	0.200332
2375	495361.06	3860101.99	4.84444	8.0277	6.739	8.45328	1.11E-01	0.00855	0.0001	0.02703	0.14623	1.46E-01	0.011311	8.25E-05	0.016779	1.74E-01	0.169386	0.011433	6.1E-05	0.01851	0.199389

2376	495411.06	3860101.99	4.87328	7.96078	6.74732	8.39274	1.11E-01	0.00848	0.0001	0.02683	0.14663	1.47E-01	0.011216	8.26E-05	0.016659	1.75E-01	0.170394	0.011337	6.1E-05	0.018377	0.20017
2377	495461.06	3860101.99	4.94584	8.92579	6.84932	8.27646	1.13E-01	0.00951	0.0001	0.02646	0.14894	1.49E-01	0.012576	8.38E-05	0.016428	1.78E-01	0.172931	0.012712	6.2E-05	0.018123	0.203827
2378	495511.06	3860101.99	4.94142	8.78414	6.84961	8.26649	1.13E-01	0.00936	0.0001	0.02643	0.14866	1.49E-01	0.012376	8.38E-05	0.016408	1.78E-01	0.172776	0.01251	6.2E-05	0.018101	0.203449
2379	495561.06	3860101.99	4.93435	7.71942	6.84482	8.25339	1.13E-01	0.00822	0.0001	0.02639	0.14732	1.49E-01	0.010876	8.38E-05	0.016382	1.76E-01	0.172529	0.010994	6.19E-05	0.018072	0.201657
2380	495611.06	3860101.99	5.02699	8.68757	6.9712	8.13376	1.15E-01	0.00926	0.00011	0.026	0.15008	1.52E-01	0.01224	8.53E-05	0.016145	1.80E-01	0.175768	0.012372	6.31E-05	0.01781	0.206014
2381	495661.06	3860101.99	5.05519	8.58819	7.01082	8.07793	1.15E-01	0.00915	0.00011	0.02583	0.15044	1.53E-01	0.0121	8.58E-05	0.016034	1.81E-01	0.176754	0.012231	6.34E-05	0.017688	0.206737
2382	494861.06	3860151.99	5.18451	8.37302	7.04574	9.75761	1.18E-01	0.00892	0.00011	0.0312	0.15854	1.56E-01	0.011797	8.62E-05	0.019368	1.88E-01	0.181276	0.011924	6.37E-05	0.021366	0.21463
2383	494911.06	3860151.99	5.14758	8.38696	6.95663	9.53488	1.17E-01	0.00893	0.0001	0.03048	0.157	1.55E-01	0.011817	8.51E-05	0.018926	1.86E-01	0.179985	0.011944	6.29E-05	0.020878	0.21287
2384	494961.06	3860151.99	5.09644	8.34751	6.83807	9.30664	1.16E-01	0.00889	0.0001	0.02975	0.15505	1.54E-01	0.011761	8.37E-05	0.018473	1.84E-01	0.178197	0.011888	6.19E-05	0.020378	0.210525
2385	495011.06	3860151.99	5.05471	8.29608	6.71631	9.06719	1.15E-01	0.00884	0.0001	0.02899	0.15328	1.53E-01	0.011689	8.22E-05	0.017997	1.82E-01	0.176738	0.011815	6.08E-05	0.019854	0.208467
2386	495061.06	3860151.99	5.00347	8.23357	6.68156	8.81634	1.14E-01	0.00877	0.0001	0.02819	0.15124	1.51E-01	0.011601	8.18E-05	0.0175	1.80E-01	0.174946	0.011726	6.04E-05	0.019305	0.206037
2387	495111.06	3860151.99	4.94415	8.15859	6.62993	8.76916	1.13E-01	0.00869	1E-04	0.02804	0.14966	1.49E-01	0.011495	8.11E-05	0.017406	1.78E-01	0.172872	0.011619	6E-05	0.019202	0.203752
2388	495161.06	3860151.99	4.88165	8.07301	6.57026	8.74223	1.11E-01	0.0086	9.9E-05	0.02795	0.14805	1.47E-01	0.011374	8.04E-05	0.017352	1.76E-01	0.170687	0.011497	5.94E-05	0.019143	0.201386
2389	495211.06	3860151.99	4.8167	8.06353	6.56201	8.6983	1.10E-01	0.00859	9.9E-05	0.02781	0.14642	1.45E-01	0.011361	8.03E-05	0.017265	1.74E-01	0.168416	0.011484	5.94E-05	0.019046	0.199005
2390	495261.06	3860151.99	4.77598	8.0534	6.55948	8.66756	1.09E-01	0.00858	9.9E-05	0.02771	0.14538	1.44E-01	0.011347	8.03E-05	0.017204	1.73E-01	0.166992	0.011469	5.93E-05	0.018979	0.197499
2391	495311.06	3860151.99	4.73733	8.0325	6.5561	8.63327	1.08E-01	0.00856	9.9E-05	0.0276	0.14437	1.43E-01	0.011317	8.02E-05	0.017136	1.72E-01	0.16564	0.011439	5.93E-05	0.018904	0.196043
2392	495361.06	3860151.99	4.69761	8.00134	6.54094	8.60642	1.07E-01	0.00852	9.9E-05	0.02751	0.14334	1.42E-01	0.011273	8.01E-05	0.017083	1.70E-01	0.164252	0.011395	5.92E-05	0.018845	0.194551
2393	495411.06	3860151.99	4.71014	7.96195	6.54038	8.55697	1.07E-01	0.00848	9.9E-05	0.02736	0.14343	1.42E-01	0.011218	8E-05	0.016985	1.70E-01	0.16469	0.011339	5.92E-05	0.018737	0.194825
2394	495461.06	3860151.99	4.70483	7.91409	6.52775	8.50983	1.07E-01	0.00843	9.8E-05	0.02721	0.1431	1.42E-01	0.01115	7.99E-05	0.016891	1.70E-01	0.164504	0.011271	5.91E-05	0.018634	0.194468
2395	495511.06	3860151.99	4.71748	7.85758	6.53553	8.43886	1.08E-01	0.00837	9.8E-05	0.02698	0.14311	1.42E-01	0.011071	8E-05	0.01675	1.70E-01	0.164946	0.01119	5.91E-05	0.018478	0.194674
2396	495561.06	3860151.99	4.73462	7.79419	6.50707	8.40756	1.08E-01	0.0083	9.8E-05	0.02688	0.14333	1.43E-01	0.010982	7.96E-05	0.016688	1.71E-01	0.165546	0.0111	5.89E-05	0.01841	0.195114
2397	495611.06	3860151.99	4.77336	7.72383	6.56622	8.33577	1.09E-01	0.00823	9.9E-05	0.02665	0.14391	1.44E-01	0.010882	8.04E-05	0.016546	1.72E-01	0.1669	0.011	5.94E-05	0.018253	0.196212
2398	495661.06	3860151.99	4.8196	7.6463	6.66575	8.25318	1.10E-01	0.00815	0.0001	0.02639	0.14462	1.45E-01	0.010773	8.16E-05	0.016382	1.73E-01	0.168517	0.010889	6.03E-05	0.018072	0.197539
2399	495718.25	3859442.96	5.21526	8.4472	7.06966	3.55766	1.19E-01	0.009	0.00011	0.01137	0.1395	1.57E-01	0.011902	8.65E-05	0.007062	1.76E-01	0.182351	0.01203	6.4E-05	0.00779	0.202235
2400	495818.25	3859442.96	5.08373	8.35264	6.82987	3.66982	1.16E-01	0.0089	0.0001	0.01173	0.13675	1.53E-01	0.011768	8.36E-05	0.007284	1.73E-01	0.177752	0.011895	6.18E-05	0.008036	0.197745
2401	495918.25	3859442.96	4.99707	8.41082	6.6419	3.77731	1.14E-01	0.00896	0.0001	0.01208	0.13517	1.51E-01	0.01185	8.13E-05	0.007498	1.70E-01	0.174722	0.011978	6.01E-05	0.008271	0.195032
2402	496018.25	3859442.96	4.92449	8.44144	6.46506	3.88168	1.12E-01	0.00899	9.7E-05	0.01241	0.13388	1.49E-01	0.011893	7.91E-05	0.007705	1.68E-01	0.172185	0.012022	5.85E-05	0.0085	0.192764
2403	496118.25	3859442.96	4.98863	8.66013	6.4435	3.98333	1.14E-01	0.00923	9.7E-05	0.01273	0.1359	1.51E-01	0.012202	7.89E-05	0.007906	1.71E-01	0.174427	0.012333	5.83E-05	0.008722	0.195541
2404	496218.25	3859442.96	5.00463	8.77136	6.38901	4.08011	1.14E-01	0.00934	9.6E-05	0.01304	0.13669	1.51E-01	0.012358	7.82E-05	0.008099	1.72E-01	0.174987	0.012492	5.78E-05	0.008934	0.19647
2405	496318.25	3859442.96	4.9144	8.66977	6.34348	4.16704	1.12E-01	0.00924	9.6E-05	0.01332	0.1348	1.48E-01	0.012215	7.76E-05	0.008271	1.69E-01	0.171832	0.012347	5.74E-05	0.009124	0.193361
2406	496418.25	3859442.96	4.81	8.5093	6.30179	4.25093	1.10E-01	0.00907	9.5E-05	0.01359	0.13252	1.45E-01	0.011989	7.71E-05	0.008438	1.66E-01	0.168181	0.012118	5.7E-05	0.009308	0.189665
2407	495718.25	3859542.96	5.58376	9.33066	7.69797	4.04871	1.27E-01	0.00994	0.00012	0.01294	0.15043	1.69E-01	0.013146	9.42E-05	0.008036	1.90E-01	0.195236	0.013288	6.96E-05	0.008865	0.217459
2408	495818.25	3859542.96	5.49734	8.87822	7.54401	3.92749	1.25E-01	0.00946	0.00011	0.01256	0.14758	1.66E-01	0.012509	9.23E-05	0.007796	1.86E-01	0.192214	0.012644	6.82E-05	0.0086	0.213526
2409	495918.25	3859542.96	5.39447	8.76878	7.34604	3.75971	1.23E-01	0.00934	0.00011	0.01202	0.14458	1.63E-01	0.012355	8.99E-05	0.007463	1.83E-01	0.188617	0.012488	6.65E-05	0.008233	0.209404
2410	496018.25	3859542.96	5.30592	8.61667	7.16215	3.62189	1.21E-01	0.00918	0.00011	0.01158	0.14195	1.60E-01	0.01214	8.77E-05	0.007189	1.80E-01	0.185521	0.012271	6.48E-05	0.007931	0.205788
2411	496118.25	3859542.96	5.35106	8.69947	7.13675	3.74702	1.22E-01	0.00927	0.00011	0.01198	0.14347	1.62E-01	0.012257	8.73E-05	0.007437	1.81E-01	0.1871	0.012389	6.46E-05	0.008205	0.207758
2412	496218.25	3859542.96	5.33911	8.61152	7.03074	3.77309	1.22E-01	0.00917	0.00011	0.01206	0.14319	1.61E-01	0.012133	8.61E-05	0.007489	1.81E-01	0.186682	0.012264	6.36E-05	0.008262	0.207271
2413	496318.25	3859542.96	5.2909	8.72414	6.87205	3.78469	1.21E-01	0.00929	0.0001	0.0121	0.14224	1.60E-01	0.012292	8.41E-05	0.007512	1.80E-01	0.184996	0.012424	6.22E-05	0.008287	0.20577
2414	496418.25	3859542.96	5.175	8.74974	6.65766	3.73597	1.18E-01	0.00932	0.0001	0.01194	0.13946	1.56E-01	0.012328	8.15E-05	0.007416	1.76E-01	0.180944	0.012461	6.02E-05	0.008181	0.201645
2415	495718.25	3859642.96	5.83328	10.29986	8.06237	4.90526	1.33E-01	0.01097	0.00012	0.01568	0.1599	1.76E-01	0.014512	9.87E-05	0.009736	2.00E-01	0.20396	0.014669	7.29E-05	0.010741	0.229443
2416	495818.25	3859642.96	5.72876	10.10309	7.93986	4.66808	1.31E-01	0.01076	0.00012	0.01492	0.15654	1.73E-01	0.014235	9.72E-05	0.009266	1.96E-01	0.200306	0.014388	7.18E-05	0.010222	0.224987
2417	495918.25	3859642.96	5.65152	9.87504	7.84062	4.49817	1.29E-01	0.01052	0.00012	0.01438	0.15399	1.71E-01	0.013913	9.6E-05	0.008928	1.94E-01	0.197605	0.014064	7.09E-05	0.009849	0.221589
2418	496018.25	3859642.96	5.58761	9.5053	7.69895	4.35161	1.28E-01	0.01013	0.00012	0.01391	0.15167	1.69E-01	0.013392	9.42E-05	0.008637	1.91E-01	0.19537	0.013537	6.97E-05	0.009529	0.218506
2419	496118.25	3859642.96	5.63064	9.32317	7.68146	4.56285	1.28E-01	0.00993	0.00012	0.01459	0.15313	1.70E-01	0.013136	9.4E-05	0.009057	1.92E-01	0.196875	0.013278	6.95E-05	0.009991	0.220213
2420	496218.25	3859642.96	5.61964	9.05047	7.59033	4.65787	1.28E-01	0.00964	0.00011	0.01489	0.15289	1.70E-01	0.012752	9.29E-05	0.009245	1.92E-01	0.19649	0.012889	6.87E-05	0.010199	0.219647
2421	496318.25	3859642.96	5.54531	9.03597	7.42028	4.52063	1.27E-01	0.00963	0.00011	0.01445	0.15074	1.67E-01	0.012731	9.08E-05	0.008973	1.89E-01	0.193891	0.012869	6.71E-05	0.009899	0.216726
2422	496418.25	3859642.96	5.31986	8.61131	7.0712	3.90859	1.21E-01	0.00917	0.00011	0.0125	0.14318	1.61E-01	0.012133	8.65E-05	0.007758	1.81E-01	0.186009	0.012264	6.4E-05	0.008559	0.206895
2423	495718.25	3859742.96	5.95546	10.2843	8.19387	5.83058	1.36E-01	0.01096	0.00012	0.01864	0.16563	1.80E-01	0.01449	0.0001	0.011573	2.06E-01	0.208232	0.014646	7.41E-05	0.012767	0.23572
2424	495818.25	3859742.96	5.88015	9.9674	8.11365	5.56294	1.34E-01	0.01062	0.00012	0.01778	0.16272	1.77E-01	0.014043	9.93E-05	0.011042	2.03E-01	0.205599	0.014195	7.34E-05	0.012181	0.232049
2425	495918.25	3859742.96	5.80491	10.00731	8.05917	5.36941	1.32E-01	0.01066	0.00012	0.01717	0.16042	1.75E-01	0.0141	9.86E-05	0.010658	2.00E-01	0.202968	0.014252	7.29E-05	0.011757	0.22905
2426	496018.25	3859742.96	5.71792	10.02101	7.97938	5.14017	1.30E-01	0.01068	0.00012	0.01643	0.15772	1.73E-01	0.014119	9.77E-05	0.010203	1.97E-01	0.199927	0.014271	7.22E-05	0.011255	0.225526
2427	496118.25	3859742.96	5.72306	10.05599	7.94359	5.20828	1.31E-01	0.01071	0.00012	0.01665	0.15809	1.73E-01	0.014168	9.72E-05	0.010338	1.97E-01	0.200106	0.014321	7.19E-05	0.011404	0.225904
2428	496218.25	3859742.96	5.72169	9.97655	7.87013	5.44863	1.31E-01	0.01063	0.00012	0.01742	0.15874	1.73E-01	0.014056	9.63E-05	0.010815	1.98E-01	0.200059	0.014208	7.12E-05	0.011931	0.226269
2429	496318.25	3859742.96	5.62731	9.64996	7.71201	4.91579	1.28E-01	0.01028	0.00012	0.01572	0.15453	1.70E-01	0.013596	9.44E-05	0.009757	1.93E-01	0.196759	0.013743	6.98E-05	0.010764	0.221335
2430	496418.25	3859742.96	5.48299	9.11595	7.4841	4.43718	1.25E-01	0.00971	0.00011	0.01419	0.14914	1.65E-01	0.012844	9.16E-05	0.008807	1.87E-01	0.191712	0.012982	6.77E-05	0.009716	0.214479
2431	495718.25	3859842.96	5.94406	10.05205	8.26113	6.57826	1.36E-01	0.01071	0.00012	0.02103	0.16751	1.79E-01	0.014163	0.000101	0.013057	2.07E-01	0.207834	0.014316	7.47E-05	0.014404	0.236628
2432	495818.25	3859842.96	5.90912	10.08605	8.19925	6.41024	1.35E-01	0.01075	0.00012	0.02049	0.16621	1.78E-01	0.014211	0.0001	0.012724	2.05E-01	0.206612	0.014364	7.42E-05	0.014036	0.235087
2433	495918.25	3859842.96	5.87894	10.03819	8.10836	6.21948	1.34E-01	0.01069	0.00012	0.01988	0.16486	1.77E-01	0.014143	9.92E-05	0.012345	2.04E-01	0.205557	0.014296	7.34E-05	0.013619	0.233545
2434	496018.25	3859842.96	5.83292	9.87817	7.98064	6.12147	1.33E-01	0.01052	0.00012	0.01957	0.16333	1.76E-01	0.013918	9.77E-05	0.01215	2.02E-01	0.203948	0.014068	7.22E-05	0.013404	0.231492
2435	496118.25	3859842.96	5.72348	9.51975	7.83177	6.27083	1.31E-01	0.01014	0.00012	0.02005	0.16092	1.73E-01	0.013413	9.59E-05	0.012447	1.99E-01	0.200121	0.013558	7.09E-05	0.013731	0.227481
2436	496218.25	3859842.96	5.70413	9.55938	7.89667	5.76809	1.30E-01	0.01018	0.00012	0.01844	0.15892	1.72E-01	0.013469	9.66E-05	0.011449	1.97E-01	0.199445	0.013614	7.14E-05	0.01263	0.22576

2437	496318.25	3859842.96	5.55185	9.39129	7.71675	4.78707	1.27E-01	0.01	0.00012	0.0153	0.15212	1.68E-01	0.013232	9.44E-05	0.009502	1.90E-01	0.19412	0.013375	6.98E-05	0.010482	0.218047
2438	496418.25	3859842.96	5.37004	9.01219	7.40657	4.16888	1.23E-01	0.0096	0.00011	0.01333	0.14559	1.62E-01	0.012698	9.07E-05	0.008275	1.83E-01	0.187763	0.012835	6.7E-05	0.009128	0.209793
2439	495718.25	3859942.96	5.86485	9.82799	8.01813	7.19728	1.34E-01	0.01047	0.00012	0.02301	0.16744	1.77E-01	0.013847	9.81E-05	0.014286	2.05E-01	0.205064	0.013996	7.25E-05	0.01576	0.234893
2440	495818.25	3859942.96	5.84653	9.73981	7.9899	7.02016	1.33E-01	0.01038	0.00012	0.02244	0.16636	1.76E-01	0.013723	9.78E-05	0.013934	2.04E-01	0.204424	0.013871	7.23E-05	0.015372	0.233739
2441	495918.25	3859942.96	5.76452	9.50615	7.97585	6.91979	1.32E-01	0.01013	0.00012	0.02212	0.16392	1.74E-01	0.013394	9.76E-05	0.013735	2.01E-01	0.201556	0.013538	7.22E-05	0.015152	0.230318
2442	496018.25	3859942.96	5.64256	9.2519	7.80477	7.00889	1.29E-01	0.00986	0.00012	0.02241	0.16115	1.70E-01	0.013035	9.55E-05	0.013912	1.97E-01	0.197292	0.013176	7.06E-05	0.015347	0.225886
2443	496118.25	3859942.96	5.71767	9.47384	7.88778	6.6437	1.30E-01	0.01009	0.00012	0.02124	0.16193	1.73E-01	0.013348	9.65E-05	0.013187	1.99E-01	0.199918	0.013492	7.14E-05	0.014547	0.228029
2444	496218.25	3859942.96	5.73943	9.65688	7.90662	6.00845	1.31E-01	0.01029	0.00012	0.01921	0.16059	1.73E-01	0.013606	9.68E-05	0.011926	1.99E-01	0.200679	0.013753	7.15E-05	0.013156	0.22766
2445	496318.25	3859942.96	5.64224	9.5506	7.74056	5.34719	1.29E-01	0.01017	0.00012	0.0171	0.15615	1.70E-01	0.013456	9.47E-05	0.010614	1.94E-01	0.197281	0.013601	7E-05	0.011709	0.222661
2446	496418.25	3859942.96	5.45783	9.02842	7.44016	4.48093	1.25E-01	0.00962	0.00011	0.01433	0.14861	1.65E-01	0.01272	9.11E-05	0.008894	1.86E-01	0.190833	0.012858	6.73E-05	0.009812	0.21357
2447	496856.82	3858864.83	3.29175	4.32638	4.64951	2.70408	7.51E-02	0.00461	7E-05	0.00865	0.08844	9.93E-02	0.006096	5.69E-05	0.005367	1.11E-01	0.115096	0.006161	4.21E-05	0.005921	0.12722
2448	496956.82	3858864.83	3.31192	4.1425	4.70582	2.70921	7.56E-02	0.00441	7.1E-05	0.00866	0.08873	1.00E-01	0.005837	5.76E-05	0.005377	1.11E-01	0.115801	0.0059	4.26E-05	0.005932	0.127675
2449	497056.82	3858864.83	3.33239	3.96604	4.75548	2.71383	7.60E-02	0.00423	7.2E-05	0.00868	0.08902	1.01E-01	0.005588	5.82E-05	0.005387	1.12E-01	0.116517	0.005648	4.3E-05	0.005942	0.12815
2450	497156.82	3858864.83	3.32133	3.79242	4.78837	2.71852	7.58E-02	0.00404	7.2E-05	0.00869	0.0886	1.00E-01	0.005343	5.86E-05	0.005396	1.11E-01	0.11613	0.005401	4.33E-05	0.005953	0.127527
2451	497256.82	3858864.83	3.34761	3.62962	4.83867	2.72242	7.64E-02	0.00387	7.3E-05	0.0087	0.08904	1.01E-01	0.005114	5.92E-05	0.005404	1.12E-01	0.117049	0.005169	4.38E-05	0.005961	0.128223
2452	496856.82	3858964.83	3.12932	5.21019	4.21672	2.95637	7.14E-02	0.00555	6.4E-05	0.00945	0.08648	9.44E-02	0.007341	5.16E-05	0.005868	1.08E-01	0.109416	0.00742	3.81E-05	0.006473	0.123348
2453	496956.82	3858964.83	3.15568	5.03158	4.29552	2.95849	7.20E-02	0.00536	6.5E-05	0.00946	0.0869	9.52E-02	0.007089	5.26E-05	0.005872	1.08E-01	0.110338	0.007166	3.89E-05	0.006478	0.124021
2454	497056.82	3858964.83	3.17955	4.85381	4.37086	2.9606	7.26E-02	0.00517	6.6E-05	0.00947	0.08726	9.60E-02	0.006839	5.35E-05	0.005876	1.09E-01	0.111173	0.006913	3.95E-05	0.006483	0.124608
2455	497156.82	3858964.83	3.20395	4.67548	4.44187	2.6917	7.31E-02	0.00498	6.7E-05	0.00861	0.08677	9.67E-02	0.006587	5.44E-05	0.005343	1.09E-01	0.112026	0.006659	4.02E-05	0.005894	0.124619
2456	497256.82	3858964.83	3.24655	4.50617	4.51272	2.96762	7.41E-02	0.0048	6.8E-05	0.00949	0.08845	9.80E-02	0.006349	5.52E-05	0.00589	1.10E-01	0.113515	0.006417	4.08E-05	0.006498	0.126472
2457	496856.82	3859064.83	2.95036	5.90068	4.1034	2.93459	6.73E-02	0.00629	6.2E-05	0.00938	0.08306	8.90E-02	0.008314	5.02E-05	0.005825	1.03E-01	0.103159	0.008403	3.71E-05	0.006426	0.118025
2458	496956.82	3859064.83	2.97925	5.75656	4.02295	2.93938	6.80E-02	0.00613	6.1E-05	0.0094	0.08358	8.99E-02	0.008111	4.92E-05	0.005834	1.04E-01	0.104169	0.008198	3.64E-05	0.006436	0.11884
2459	497056.82	3859064.83	3.00815	5.60611	3.96809	2.94437	6.86E-02	0.00597	6E-05	0.00941	0.08409	9.08E-02	0.007899	4.86E-05	0.005844	1.05E-01	0.10518	0.007984	3.59E-05	0.006447	0.119647
2460	497156.82	3859064.83	3.03854	5.45337	3.97449	2.94853	6.93E-02	0.00581	6E-05	0.00943	0.08464	9.17E-02	0.007683	4.86E-05	0.005853	1.05E-01	0.106242	0.007766	3.6E-05	0.006456	0.120501
2461	497256.82	3859064.83	3.0853	5.30211	4.15655	2.95664	7.04E-02	0.00565	6.3E-05	0.00945	0.08557	9.31E-02	0.00747	5.09E-05	0.005869	1.07E-01	0.107877	0.007551	3.76E-05	0.006474	0.12194
2462	496856.82	3859164.83	3.04086	6.28176	4.2144	2.90832	6.94E-02	0.00669	6.4E-05	0.0093	0.08545	9.18E-02	0.008851	5.16E-05	0.005773	1.06E-01	0.106323	0.008946	3.81E-05	0.006368	0.121676
2463	496956.82	3859164.83	2.95882	6.19478	4.0811	2.91402	6.75E-02	0.0066	6.2E-05	0.00932	0.0835	8.93E-02	0.008728	4.99E-05	0.005784	1.04E-01	0.103455	0.008822	3.69E-05	0.006381	0.118695
2464	497056.82	3859164.83	2.97462	6.09946	4.10498	2.92034	6.79E-02	0.0065	6.2E-05	0.00934	0.08378	8.98E-02	0.008594	5.02E-05	0.005797	1.04E-01	0.104007	0.008687	3.71E-05	0.006395	0.119126
2465	497156.82	3859164.83	3.09574	5.99605	4.2453	2.92883	7.06E-02	0.00639	6.4E-05	0.00936	0.08646	9.34E-02	0.008448	5.2E-05	0.005813	1.08E-01	0.108242	0.008539	3.84E-05	0.006413	0.123233
2466	497256.82	3859164.83	3.33873	5.8869	4.5132	2.93887	7.62E-02	0.00627	6.8E-05	0.0094	0.09193	1.01E-01	0.008294	5.52E-05	0.005833	1.15E-01	0.116739	0.008384	4.08E-05	0.006435	0.131598
2467	496856.82	3859264.83	3.12237	6.27862	4.39745	2.8795	7.13E-02	0.00669	6.6E-05	0.00921	0.08722	9.42E-02	0.008846	5.38E-05	0.005716	1.09E-01	0.109173	0.008942	3.98E-05	0.006305	0.12446
2468	496956.82	3859264.83	3.17254	6.26981	4.44065	2.88771	7.24E-02	0.00668	6.7E-05	0.00923	0.08838	9.58E-02	0.008834	5.43E-05	0.005732	1.10E-01	0.110928	0.008929	4.02E-05	0.006323	0.12622
2469	497056.82	3859264.83	3.30553	6.2483	4.59042	2.89656	7.54E-02	0.00666	6.9E-05	0.00926	0.09142	9.98E-02	0.008803	5.62E-05	0.005749	1.14E-01	0.115578	0.008898	4.15E-05	0.006342	0.13086
2470	497156.82	3859264.83	3.41653	6.21195	4.70711	5.09966	7.80E-02	0.00662	7.1E-05	0.0163	0.10096	1.03E-01	0.008752	5.76E-05	0.010122	1.22E-01	0.119459	0.008847	4.26E-05	0.011167	0.139515
2471	497256.82	3859264.83	3.62166	6.16426	4.93885	5.1301	8.26E-02	0.00657	7.4E-05	0.0164	0.10569	1.09E-01	0.008685	6.04E-05	0.010183	1.28E-01	0.126631	0.008779	4.47E-05	0.011233	0.146688
2472	497088.92	3858620.93	2.72444	2.35687	3.94711	2.75969	6.22E-02	0.00251	5.9E-05	0.00882	0.07357	8.22E-02	0.003321	4.83E-05	0.005478	9.11E-02	0.09526	0.003357	3.57E-05	0.006043	0.104695
2473	497138.92	3858620.93	2.7673	2.34938	3.99409	2.75991	6.32E-02	0.0025	6E-05	0.00882	0.07454	8.35E-02	0.00331	4.89E-05	0.005478	9.24E-02	0.096758	0.003346	3.61E-05	0.006043	0.106184
2474	497188.92	3858620.93	2.56219	2.31187	3.65848	2.75929	5.85E-02	0.00246	5.5E-05	0.00882	0.06981	7.73E-02	0.003257	4.48E-05	0.005477	8.61E-02	0.089587	0.003292	3.31E-05	0.006042	0.098954
2475	497238.92	3858620.93	2.5422	2.26394	3.62467	2.75983	5.80E-02	0.00241	5.5E-05	0.00882	0.0693	7.67E-02	0.00319	4.44E-05	0.005478	8.54E-02	0.088888	0.003224	3.28E-05	0.006043	0.098188
2476	497088.92	3858670.93	2.72183	2.52154	3.98435	2.75386	6.21E-02	0.00269	6E-05	0.0088	0.07366	8.21E-02	0.003553	4.88E-05	0.005466	9.12E-02	0.095169	0.003591	3.6E-05	0.00603	0.104826
2477	497138.92	3858670.93	2.83056	2.58793	4.15903	2.75545	6.46E-02	0.00276	6.3E-05	0.00881	0.07622	8.54E-02	0.003646	5.09E-05	0.005469	9.46E-02	0.09897	0.003686	3.76E-05	0.006034	0.108727
2478	497188.92	3858670.93	2.77184	2.52783	4.05246	2.75595	6.33E-02	0.00269	6.1E-05	0.00881	0.07482	8.37E-02	0.003562	4.96E-05	0.00547	9.27E-02	0.096917	0.0036	3.67E-05	0.006035	0.106588
2479	497238.92	3858670.93	2.78838	2.53312	4.07986	2.7562	6.36E-02	0.0027	6.1E-05	0.00881	0.0752	8.42E-02	0.003569	4.99E-05	0.005471	9.32E-02	0.097496	0.003608	3.69E-05	0.006035	0.107175
2480	497088.92	3858720.93	3.1003	2.81563	4.59184	2.74674	7.08E-02	0.003	6.9E-05	0.00878	0.0826	9.36E-02	0.003967	5.62E-05	0.005452	1.03E-01	0.108402	0.00401	4.15E-05	0.006014	0.118468
2481	497138.92	3858720.93	2.8626	2.62284	4.23522	2.74766	6.53E-02	0.00279	6.4E-05	0.00878	0.07697	8.64E-02	0.003695	5.18E-05	0.005454	9.56E-02	0.100091	0.003735	3.83E-05	0.006016	0.109881
2482	497188.92	3858720.93	2.83625	2.61514	4.18543	2.74835	6.47E-02	0.00279	6.3E-05	0.00879	0.07636	8.56E-02	0.003685	5.12E-05	0.005455	9.48E-02	0.099169	0.003724	3.79E-05	0.006018	0.108949
2483	497238.92	3858720.93	3.05342	2.78395	4.46974	2.74962	6.97E-02	0.00297	6.7E-05	0.00879	0.08151	9.22E-02	0.003922	5.47E-05	0.005458	1.02E-01	0.106763	0.003965	4.04E-05	0.006021	0.116789
2484	497088.92	3858770.93	3.16724	3.08153	4.73379	2.73681	7.23E-02	0.00328	7.1E-05	0.00875	0.08438	9.56E-02	0.004342	5.79E-05	0.005432	1.05E-01	0.110742	0.004389	4.28E-05	0.005993	0.121166
2485	497138.92	3858770.93	3.14487	3.00791	4.66354	2.73882	7.18E-02	0.0032	7E-05	0.00876	0.0838	9.49E-02	0.004238	5.71E-05	0.005436	1.05E-01	0.10996	0.004284	4.22E-05	0.005997	0.120283
2486	497188.92	3858770.93	3.17113	2.93912	4.73213	2.74061	7.24E-02	0.00313	7.1E-05	0.00876	0.08433	9.57E-02	0.004141	5.79E-05	0.00544	1.05E-01	0.110878	0.004186	4.28E-05	0.006001	0.121108
2487	497238.92	3858770.93	3.193	2.97211	4.76255	2.74219	7.29E-02	0.00317	7.2E-05	0.00877	0.08487	9.64E-02	0.004188	5.83E-05	0.005443	1.06E-01	0.111643	0.004233	4.31E-05	0.006004	0.121923
2488	497396.65	3858622.63	3.24135	2.61503	4.6959	2.75817	7.40E-02	0.00279	7.1E-05	0.00882	0.08564	9.78E-02	0.003684	5.75E-05	0.005475	1.07E-01	0.113334	0.003724	4.25E-05	0.006039	0.12314
2489	497496.65	3858622.63	3.46988	2.75164	5.14183	2.75682	7.92E-02	0.00293	7.7E-05	0.00881	0.09101	1.05E-01	0.003877	6.29E-05	0.005472	1.14E-01	0.121324	0.003919	4.65E-05	0.006037	0.131326
2490	497596.65	3858622.63	3.74067	3.23865	5.3505	2.75367	8.54E-02	0.00345	8.1E-05	0.0088	0.0977	1.13E-01	0.004563	6.55E-05	0.005466	1.23E-01	0.130792	0.004612	4.84E-05	0.00603	0.141483
2491	497696.65	3858622.63	3.7503	3.48564	5.35274	2.74979	8.56E-02	0.00371	8.1E-05	0.00879	0.09817	1.13E-01	0.004911	6.55E-05	0.005458	1.24E-01	0.131129	0.004964	4.84E-05	0.006021	0.142163
2492	497796.65	3858622.63	3.76211	3.80257	5.357	2.74543	8.59E-02	0.00405	8.1E-05	0.00878	0.09876	1.14E-01	0.005358	6.56E-05	0.005449	1.24E-01	0.131542	0.005415	4.85E-05	0.006012	0.143017
2493	497896.65	3858622.63	3.77211	4.08589	5.35973	2.73929	8.61E-02	0.00435	8.1E-05	0.00876	0.09927	1.14E-01	0.005757	6.56E-05	0.005437	1.25E-01	0.131892	0.005819	4.85E-05	0.005998	0.143757
2494	497396.65	3858722.63	3.48964	3.32292	5.2063	2.75257	7.96E-02	0.00354	7.8E-05	0.0088	0.09205	1.05E-01	0.004682	6.37E-05	0.005464	1.16E-01	0.122015	0.004732	4.71E-05	0.006027	0.132822
2495	497496.65	3858722.63	3.63723	3.53513	5.24343	2.75378	8.30E-02	0.00377	7.9E-05	0.0088	0.09565	1.10E-01	0.004981	6.42E-05	0.005466	1.20E-01	0.127176	0.005035	4.74E-05	0.00603	0.138287
2496	497596.65	3858722.63	3.66336	3.85046	5.26688	2.85013	8.36E-02	0.0041	7.9E-05	0.00911	0.09689	1.11E-01	0.005425	6.45E-05	0.005657	1.22E-01	0.128089	0.005484	4.76E-05	0.006241	0.139861
2497	497696.65	3858722.63	3.68059	3.96525	5.28382	2.82353	8.40E-02	0.00422	8E-05	0.00903	0.09732	1.11E-01	0.005587	6.47E-05	0.005604	1.22E-01	0.128692	0.005647	4.78E-05	0.006183	0.140569

2498	497796.65	3858722.63	3.69454	3.96499	5.29665	2.79161	8.43E-02	0.00422	8E-05	0.00892	0.09754	1.12E-01	0.005586	6.48E-05	0.005541	1.23E-01	0.129179	0.005647	4.79E-05	0.006113	0.140987
2499	497896.65	3858722.63	3.7081	4.27686	5.30877	2.75723	8.46E-02	0.00456	8E-05	0.00881	0.09807	1.12E-01	0.006026	6.5E-05	0.005473	1.23E-01	0.129654	0.006091	4.8E-05	0.006037	0.14183
2500	497396.65	3858822.63	3.49834	3.63923	5.03532	2.73694	7.98E-02	0.00388	7.6E-05	0.00875	0.09254	1.06E-01	0.005127	6.16E-05	0.005433	1.16E-01	0.122319	0.005183	4.56E-05	0.005993	0.133541
2501	497496.65	3858822.63	3.52725	3.91485	5.07149	2.94012	8.05E-02	0.00417	7.6E-05	0.0094	0.09414	1.06E-01	0.005516	6.21E-05	0.005836	1.18E-01	0.12333	0.005575	4.59E-05	0.006438	0.135389
2502	497596.65	3858822.63	3.56066	4.35986	5.1108	2.93254	8.13E-02	0.00464	7.7E-05	0.00938	0.09535	1.07E-01	0.006143	6.26E-05	0.005821	1.19E-01	0.124498	0.006209	4.62E-05	0.006421	0.137175
2503	497696.65	3858822.63	3.58009	4.53106	5.13966	2.91777	8.17E-02	0.00483	7.7E-05	0.00933	0.09593	1.08E-01	0.006384	6.29E-05	0.005791	1.20E-01	0.125178	0.006453	4.65E-05	0.006389	0.138066
2504	497796.65	3858822.63	3.60008	4.59802	5.16742	2.90161	8.22E-02	0.0049	7.8E-05	0.00928	0.09641	1.09E-01	0.006478	6.32E-05	0.005759	1.21E-01	0.125877	0.006548	4.67E-05	0.006354	0.138825
2505	497896.65	3858822.63	3.62105	4.95767	5.19453	5.49902	8.26E-02	0.00528	7.8E-05	0.01758	0.10558	1.09E-01	0.006985	6.36E-05	0.010915	1.27E-01	0.12661	0.00706	4.7E-05	0.012041	0.145758
2506	497396.65	3858922.63	3.3611	4.12576	4.7541	2.96972	7.67E-02	0.0044	7.2E-05	0.00949	0.09066	1.01E-01	0.005813	5.82E-05	0.005895	1.13E-01	0.117521	0.005876	4.3E-05	0.006503	0.129942
2507	497496.65	3858922.63	3.40001	4.71919	4.81187	2.97185	7.76E-02	0.00503	7.3E-05	0.0095	0.09219	1.03E-01	0.006649	5.89E-05	0.005899	1.15E-01	0.118881	0.006721	4.35E-05	0.006507	0.132153
2508	497596.65	3858922.63	3.42416	4.74706	4.85967	2.96813	7.81E-02	0.00506	7.3E-05	0.00949	0.09276	1.03E-01	0.006688	5.95E-05	0.005891	1.16E-01	0.119726	0.006761	4.4E-05	0.006499	0.133029
2509	497696.65	3858922.63	3.45678	5.31644	4.91323	5.45497	7.89E-02	0.00566	7.4E-05	0.01744	0.10206	1.04E-01	0.007491	6.01E-05	0.010828	1.23E-01	0.120866	0.007571	4.44E-05	0.011945	0.140427
2510	497796.65	3858922.63	3.48284	5.63471	4.9578	5.46761	7.95E-02	0.006	7.5E-05	0.01748	0.10304	1.05E-01	0.007939	6.07E-05	0.010853	1.24E-01	0.121777	0.008025	4.49E-05	0.011972	0.141819
2511	497896.65	3858922.63	3.6288	6.02287	5.0432	5.48714	8.28E-02	0.00642	7.6E-05	0.01754	0.10685	1.10E-01	0.008486	6.17E-05	0.010891	1.29E-01	0.126881	0.008577	4.56E-05	0.012015	0.147519
2512	497364.44	3858201.52	1.97017	2.82011	2.63007	2.5382	4.50E-02	0.003	4E-05	0.00811	0.05612	5.95E-02	0.003973	3.22E-05	0.005038	6.85E-02	0.068887	0.004016	2.38E-05	0.005558	0.078485
2513	497414.44	3858201.52	2.01562	2.81138	2.67189	2.52459	4.60E-02	0.003	4E-05	0.00807	0.0571	6.08E-02	0.003961	3.27E-05	0.005011	6.98E-02	0.070476	0.004004	2.42E-05	0.005528	0.080032
2514	497464.44	3858201.52	2.10101	2.80215	2.70495	2.50938	4.79E-02	0.00299	4.1E-05	0.00802	0.059	6.34E-02	0.003948	3.31E-05	0.004981	7.24E-02	0.073462	0.003991	2.45E-05	0.005495	0.082972
2515	497514.44	3858201.52	2.07334	2.79225	2.68948	2.49363	4.73E-02	0.00297	4.1E-05	0.00797	0.0583	6.26E-02	0.003934	3.29E-05	0.00495	7.15E-02	0.072494	0.003977	2.43E-05	0.00546	0.081955
2516	497564.44	3858201.52	2.07171	2.80192	2.68378	2.47788	4.73E-02	0.00299	4E-05	0.00792	0.05823	6.25E-02	0.003948	3.28E-05	0.004918	7.14E-02	0.072437	0.00399	2.43E-05	0.005426	0.081878
2517	497614.44	3858201.52	2.13913	2.82334	2.719	2.46222	4.88E-02	0.00301	4.1E-05	0.00787	0.05974	6.46E-02	0.003978	3.33E-05	0.004887	7.35E-02	0.074795	0.004021	2.46E-05	0.005391	0.084231
2518	497364.44	3858251.52	2.03902	2.81631	2.6951	2.59624	4.65E-02	0.003	4.1E-05	0.0083	0.05787	6.15E-02	0.003968	3.3E-05	0.005153	7.07E-02	0.071294	0.004011	2.44E-05	0.005685	0.081014
2519	497414.44	3858251.52	2.14284	2.80935	2.78662	2.58424	4.89E-02	0.00299	4.2E-05	0.00826	0.0602	6.47E-02	0.003958	3.41E-05	0.005129	7.38E-02	0.074924	0.004001	2.52E-05	0.005659	0.084609
2520	497464.44	3858251.52	2.10602	2.80167	2.73557	2.57214	4.81E-02	0.00298	4.1E-05	0.00822	0.05931	6.36E-02	0.003947	3.35E-05	0.005105	7.26E-02	0.073637	0.00399	2.47E-05	0.005632	0.083284
2521	497514.44	3858251.52	2.04839	2.79379	2.69445	2.55823	4.67E-02	0.00298	4.1E-05	0.00818	0.05794	6.18E-02	0.003936	3.3E-05	0.005078	7.09E-02	0.071622	0.003979	2.44E-05	0.005602	0.081227
2522	497564.44	3858251.52	2.05366	2.78613	2.6935	2.54473	4.69E-02	0.00297	4.1E-05	0.00814	0.05801	6.20E-02	0.003925	3.3E-05	0.005051	7.10E-02	0.071806	0.003968	2.44E-05	0.005572	0.08137
2523	497614.44	3858251.52	2.05717	2.77834	2.68987	2.53102	4.69E-02	0.00296	4.1E-05	0.00809	0.05804	6.21E-02	0.003915	3.29E-05	0.005024	7.11E-02	0.071929	0.003957	2.43E-05	0.005542	0.081452
2524	497364.44	3858301.52	2.11937	2.78863	2.78216	2.64363	4.84E-02	0.00297	4.2E-05	0.00845	0.05983	6.40E-02	0.003929	3.41E-05	0.005247	7.32E-02	0.074104	0.003971	2.52E-05	0.005789	0.083889
2525	497414.44	3858301.52	2.20209	2.78349	2.9016	2.63381	5.03E-02	0.00297	4.4E-05	0.00842	0.06168	6.65E-02	0.003922	3.55E-05	0.005228	7.56E-02	0.076996	0.003964	2.62E-05	0.005767	0.086753
2526	497464.44	3858301.52	2.12746	2.7778	2.79003	2.62383	4.86E-02	0.00296	4.2E-05	0.00839	0.05994	6.42E-02	0.003914	3.41E-05	0.005208	7.34E-02	0.074387	0.003956	2.52E-05	0.005745	0.084113
2527	497514.44	3858301.52	2.09488	2.77205	2.74529	2.61262	4.78E-02	0.00295	4.1E-05	0.00835	0.05915	6.32E-02	0.003906	3.36E-05	0.005186	7.24E-02	0.073247	0.003948	2.48E-05	0.005721	0.082941
2528	497564.44	3858301.52	2.07165	2.76606	2.70124	2.60041	4.73E-02	0.00295	4.1E-05	0.00831	0.05858	6.25E-02	0.003897	3.31E-05	0.005162	7.16E-02	0.072435	0.003939	2.44E-05	0.005694	0.082093
2529	497614.44	3858301.52	2.06235	2.76012	2.69703	2.5886	4.71E-02	0.00294	4.1E-05	0.00828	0.05832	6.22E-02	0.003889	3.3E-05	0.005138	7.13E-02	0.07211	0.003931	2.44E-05	0.005668	0.081733
2530	497364.44	3858351.52	2.19968	2.73611	2.95612	2.68164	5.02E-02	0.00291	4.5E-05	0.00857	0.06173	6.64E-02	0.003855	3.62E-05	0.005323	7.56E-02	0.076912	0.003897	2.67E-05	0.005872	0.086707
2531	497414.44	3858351.52	2.18259	2.73337	2.90828	2.67349	4.98E-02	0.00291	4.4E-05	0.00855	0.06131	6.59E-02	0.003851	3.56E-05	0.005307	7.51E-02	0.076314	0.003893	2.63E-05	0.005854	0.086087
2532	497464.44	3858351.52	2.19524	2.73057	2.91951	2.66506	5.01E-02	0.00291	4.4E-05	0.00852	0.06157	6.63E-02	0.003847	3.57E-05	0.00529	7.54E-02	0.076756	0.003889	2.64E-05	0.005836	0.086507
2533	497514.44	3858351.52	2.16815	2.72747	2.8796	2.65607	4.95E-02	0.00291	4.3E-05	0.00849	0.06092	6.54E-02	0.003843	3.52E-05	0.005272	7.46E-02	0.075809	0.003884	2.61E-05	0.005816	0.085536
2534	497564.44	3858351.52	2.10371	2.72379	2.74399	2.64611	4.80E-02	0.0029	4.1E-05	0.00846	0.05941	6.35E-02	0.003838	3.36E-05	0.005252	7.26E-02	0.073556	0.003879	2.48E-05	0.005794	0.083254
2535	497614.44	3858351.52	2.09733	2.72007	2.74419	2.6364	4.79E-02	0.0029	4.1E-05	0.00843	0.05923	6.33E-02	0.003832	3.36E-05	0.005233	7.24E-02	0.073333	0.003874	2.48E-05	0.005773	0.083004
2536	497364.44	3858401.52	2.30131	2.66098	3.0648	2.71092	5.25E-02	0.00283	4.6E-05	0.00867	0.06407	6.95E-02	0.003749	3.75E-05	0.005381	7.86E-02	0.080465	0.00379	2.77E-05	0.005936	0.090219
2537	497414.44	3858401.52	2.2164	2.6605	3.00096	2.70439	5.06E-02	0.00283	4.5E-05	0.00865	0.06211	6.69E-02	0.003748	3.67E-05	0.005368	7.60E-02	0.077496	0.003789	2.71E-05	0.005922	0.087234
2538	497464.44	3858401.52	2.17523	2.65988	2.93009	2.69745	4.96E-02	0.00283	4.4E-05	0.00862	0.06114	6.57E-02	0.003748	3.59E-05	0.005354	7.48E-02	0.076057	0.003788	2.65E-05	0.005907	0.085778
2539	497514.44	3858401.52	2.17771	2.65927	2.91696	2.69023	4.97E-02	0.00283	4.4E-05	0.0086	0.06117	6.57E-02	0.003747	3.57E-05	0.00534	7.48E-02	0.076144	0.003787	2.64E-05	0.005891	0.085848
2540	497564.44	3858401.52	2.36007	2.65891	3.11336	2.68266	5.39E-02	0.00283	4.7E-05	0.00858	0.06531	7.12E-02	0.003746	3.81E-05	0.005325	8.03E-02	0.08252	0.003787	2.82E-05	0.005874	0.092209
2541	497614.44	3858401.52	2.6881	2.65868	3.54468	2.67467	6.13E-02	0.00283	5.3E-05	0.00855	0.07278	8.11E-02	0.003746	4.34E-05	0.005309	9.02E-02	0.093989	0.003786	3.21E-05	0.005857	0.103664
2542	493478.11	3860497.94	6.94404	11.77026	9.21778	14.58578	1.58E-01	0.01254	0.00014	0.04663	0.21778	2.10E-01	0.016584	0.000113	0.028951	2.55E-01	0.242798	0.016763	8.34E-05	0.031938	0.291582
2543	493528.11	3860497.94	6.78655	11.59616	8.9591	14.41271	1.55E-01	0.01235	0.00014	0.04608	0.21344	2.05E-01	0.016338	0.00011	0.028608	2.50E-01	0.237291	0.016515	8.11E-05	0.031559	0.285446
2544	493478.11	3860547.94	7.05439	11.77515	9.44643	14.60103	1.61E-01	0.01254	0.00014	0.04668	0.22035	2.13E-01	0.01659	0.000116	0.028982	2.59E-01	0.246656	0.01677	8.55E-05	0.031971	0.295483
2545	493528.11	3860547.94	6.91112	11.63749	9.20778	14.48781	1.58E-01	0.0124	0.00014	0.04632	0.21657	2.09E-01	0.016396	0.000113	0.028757	2.54E-01	0.241647	0.016573	8.33E-05	0.031723	0.290027
2546	493478.11	3860597.94	7.12988	11.6868	9.57853	14.48901	1.63E-01	0.01245	0.00014	0.04632	0.22163	2.15E-01	0.016466	0.000117	0.028759	2.61E-01	0.249296	0.016644	8.67E-05	0.031726	0.297752
2547	493528.11	3860597.94	7.00777	11.60183	9.395	14.44355	1.60E-01	0.01236	0.00014	0.04618	0.2186	2.12E-01	0.016346	0.000115	0.028669	2.57E-01	0.245026	0.016523	8.5E-05	0.031627	0.293261
2548	493561.88	3860524.64	6.75774	11.52682	8.91536	14.35864	1.54E-01	0.01228	0.00013	0.0459	0.21254	2.04E-01	0.016241	0.000109	0.0285	2.49E-01	0.236284	0.016416	8.07E-05	0.031441	0.284221
2549	493591.88	3860524.64	6.67361	11.44158	8.84397	14.25744	1.52E-01	0.01219	0.00013	0.04558	0.2102	2.01E-01	0.01612	0.000108	0.0283	2.46E-01	0.233342	0.016294	8E-05	0.031219	0.280936
2550	493561.88	3860554.64	6.83188	11.54914	9.07603	14.40643	1.56E-01	0.0123	0.00014	0.04606	0.21441	2.06E-01	0.016272	0.000111	0.028595	2.51E-01	0.238876	0.016448	8.21E-05	0.031545	0.286951
2551	493591.88	3860554.64	6.7627	11.49244	8.94671	14.32689	1.54E-01	0.01224	0.00013	0.0458	0.21251	2.04E-01	0.016192	0.00011	0.028437	2.49E-01	0.236457	0.016367	8.09E-05	0.031371	0.284276
2552	492880.5	3860293.11	7.95177	13.08396	10.82186	15.92811	1.81E-01	0.01394	0.00016	0.05092	0.24649	2.40E-01	0.018434	0.000132	0.031616	2.90E-01	0.278033	0.018633	9.79E-05	0.034877	0.331642
2553	492930.5	3860293.11	7.87841	13.05447	10.71347	15.87837	1.80E-01	0.01391	0.00016	0.05076	0.24462	2.38E-01	0.018393	0.000131	0.031517	2.88E-01	0.275468	0.018591	9.69E-05	0.034768	0.328925
2554	492980.5	3860293.11	7.79449	12.99295	10.57008	15.78567	1.78E-01	0.01384	0.00016	0.05047	0.24234	2.35E-01	0.018306	0.000129	0.031333	2.85E-01	0.272534	0.018504	9.56E-05	0.034565	0.325699
2555	493030.5	3860293.11	7.74556	13.02022	10.47957	16.63201	1.77E-01	0.01387	0.00016	0.05317	0.24396	2.34E-01	0.018345	0.000128	0.033013	2.85E-01	0.270823	0.018543	9.48E-05	0.036419	0.325879
2556	493080.5	3860293.11	7.69107	13.00637	10.34796	16.91699	1.76E-01	0.01386	0.00016	0.05408	0.24361	2.32E-01	0.018325	0.000127	0.033578	2.84E-01	0.268918	0.018523	9.36E-05	0.037043	0.324577
2557	493130.5	3860293.11	7.47801	12.7056	9.97645	16.49594	1.71E-01	0.01354	0.00015	0.05274	0.23708	2.26E-01	0.017901	0.000122	0.032743	2.76E-01	0.261468	0.018095	9.03E-05	0.036121	0.315774
2558	493180.5	3860293.11	7.26185	12.39935	9.66261	15.96153	1.66E-01	0.01321	0.00015	0.05103	0.23011	2.19E-01	0.01747	0.000118	0.031682	2.68E-01	0.25391	0.017658	8.74E-05	0.03495	0.306606

2559	493230.5	3860293.11	7.07564	12.20548	9.51295	15.64847	1.61E-01	0.013	0.00014	0.05003	0.22465	2.14E-01	0.017197	0.000116	0.031061	2.62E-01	0.247399	0.017382	8.61E-05	0.034265	0.299133
2560	493280.5	3860293.11	6.93005	12.14465	9.40132	15.64931	1.58E-01	0.01294	0.00014	0.05003	0.22126	2.09E-01	0.017111	0.000115	0.031062	2.57E-01	0.242309	0.017296	8.51E-05	0.034267	0.293956
2561	493330.5	3860293.11	6.79973	12.02706	9.23675	15.51056	1.55E-01	0.01281	0.00014	0.04959	0.21772	2.05E-01	0.016945	0.000113	0.030787	2.53E-01	0.237752	0.017128	8.36E-05	0.033963	0.288927
2562	493380.5	3860293.11	6.77033	11.87582	9.09921	15.40331	1.55E-01	0.01265	0.00014	0.04924	0.21654	2.04E-01	0.016732	0.000111	0.030574	2.52E-01	0.236724	0.016913	8.23E-05	0.033728	0.287448
2563	492880.5	3860343.11	7.93986	12.93863	10.73815	15.9796	1.81E-01	0.01378	0.00016	0.05109	0.24623	2.40E-01	0.01823	0.000131	0.031718	2.90E-01	0.277617	0.018427	9.71E-05	0.03499	0.33113
2564	492930.5	3860343.11	7.885	12.86124	10.69779	15.68742	1.80E-01	0.0137	0.00016	0.05015	0.24396	2.38E-01	0.018121	0.000131	0.031138	2.87E-01	0.275699	0.018316	9.68E-05	0.03435	0.328462
2565	492980.5	3860343.11	7.91499	13.01792	10.75156	15.66928	1.81E-01	0.01387	0.00016	0.0501	0.24475	2.39E-01	0.018341	0.000132	0.031102	2.88E-01	0.276747	0.018539	9.73E-05	0.03431	0.329694
2566	493030.5	3860343.11	7.81263	12.95151	10.60549	15.61792	1.78E-01	0.0138	0.00016	0.04993	0.24218	2.36E-01	0.018248	0.00013	0.031	2.85E-01	0.273168	0.018445	9.59E-05	0.034198	0.325907
2567	493080.5	3860343.11	7.77132	12.99763	10.54079	16.70403	1.77E-01	0.01385	0.00016	0.0534	0.24476	2.35E-01	0.018313	0.000129	0.033156	2.86E-01	0.271724	0.018511	9.54E-05	0.036576	0.326906
2568	493130.5	3860343.11	7.61925	12.81701	10.27881	16.46069	1.74E-01	0.01365	0.00015	0.05263	0.24031	2.30E-01	0.018058	0.000126	0.032673	2.81E-01	0.266407	0.018253	9.3E-05	0.036043	0.320796
2569	493180.5	3860343.11	7.41502	12.53349	9.92941	15.24734	1.69E-01	0.01335	0.00015	0.04875	0.23146	2.24E-01	0.017659	0.000122	0.030264	2.72E-01	0.259266	0.01785	8.98E-05	0.033387	0.310592
2570	493230.5	3860343.11	7.25485	12.33803	9.63806	15.06525	1.66E-01	0.01314	0.00015	0.04816	0.22701	2.19E-01	0.017384	0.000118	0.029903	2.66E-01	0.253665	0.017571	8.72E-05	0.032988	0.304312
2571	493280.5	3860343.11	7.12836	12.20519	9.50376	15.74646	1.63E-01	0.013	0.00014	0.05034	0.22616	2.15E-01	0.017196	0.000116	0.031255	2.64E-01	0.249243	0.017382	8.6E-05	0.034479	0.30119
2572	493330.5	3860343.11	6.97719	12.05886	9.39813	15.6722	1.59E-01	0.01285	0.00014	0.0501	0.22232	2.11E-01	0.01699	0.000115	0.031108	2.59E-01	0.243957	0.017174	8.5E-05	0.034317	0.295533
2573	493380.5	3860343.11	6.79573	11.94675	9.23413	15.427	1.55E-01	0.01273	0.00014	0.04932	0.21727	2.05E-01	0.016832	0.000113	0.030621	2.53E-01	0.237612	0.017014	8.35E-05	0.03378	0.28849
2574	492880.5	3860393.11	7.88176	13.17179	10.51186	16.38537	1.80E-01	0.01403	0.00016	0.05238	0.24644	2.38E-01	0.018558	0.000129	0.032523	2.89E-01	0.275585	0.018759	9.51E-05	0.035878	0.330317
2575	492930.5	3860393.11	7.8717	12.96291	10.57796	16.04265	1.80E-01	0.01381	0.00016	0.05129	0.2449	2.38E-01	0.018264	0.000129	0.031843	2.88E-01	0.275234	0.018461	9.57E-05	0.035128	0.328918
2576	492980.5	3860393.11	7.87561	12.77849	10.63616	15.66621	1.80E-01	0.01361	0.00016	0.05009	0.24359	2.38E-01	0.018004	0.00013	0.031096	2.87E-01	0.27537	0.018198	9.62E-05	0.034304	0.327969
2577	493030.5	3860393.11	7.8393	12.77256	10.61537	15.44438	1.79E-01	0.01361	0.00016	0.04938	0.24204	2.37E-01	0.017996	0.00013	0.030655	2.85E-01	0.274101	0.01819	9.6E-05	0.033818	0.326205
2578	493080.5	3860393.11	7.81993	12.8949	10.63173	16.27537	1.78E-01	0.01374	0.00016	0.05203	0.24439	2.36E-01	0.018168	0.00013	0.032305	2.87E-01	0.273423	0.018364	9.62E-05	0.035638	0.327521
2579	493130.5	3860393.11	7.68592	12.74956	10.4174	15.37233	1.75E-01	0.01358	0.00016	0.04915	0.23828	2.32E-01	0.017963	0.000128	0.030512	2.81E-01	0.268738	0.018157	9.42E-05	0.03366	0.32065
2580	493180.5	3860393.11	7.51588	12.5356	10.13657	15.29409	1.72E-01	0.01335	0.00015	0.0489	0.23392	2.27E-01	0.017662	0.000124	0.030357	2.75E-01	0.262792	0.017853	9.17E-05	0.033489	0.314225
2581	493230.5	3860393.11	7.39124	12.41324	9.91959	15.17139	1.69E-01	0.01322	0.00015	0.0485	0.23055	2.23E-01	0.017489	0.000121	0.030114	2.71E-01	0.258434	0.017678	8.97E-05	0.03322	0.309423
2582	493280.5	3860393.11	7.2873	12.34214	9.73081	15.00984	1.66E-01	0.01315	0.00015	0.04799	0.22758	2.20E-01	0.017389	0.000119	0.029793	2.67E-01	0.2548	0.017577	8.8E-05	0.032867	0.305332
2583	493330.5	3860393.11	7.15631	12.20446	9.48255	15.69634	1.63E-01	0.013	0.00014	0.05018	0.22664	2.16E-01	0.017195	0.000116	0.031156	2.64E-01	0.25022	0.017381	8.58E-05	0.03437	0.302056
2584	493380.5	3860393.11	6.99925	12.0202	9.35026	15.54937	1.60E-01	0.01281	0.00014	0.04971	0.22239	2.11E-01	0.016936	0.000114	0.030864	2.59E-01	0.244728	0.017119	8.46E-05	0.034048	0.295979
2585	492880.5	3860443.11	7.80044	13.32648	10.17403	16.64589	1.78E-01	0.0142	0.00015	0.05322	0.24558	2.35E-01	0.018776	0.000125	0.03304	2.87E-01	0.272742	0.018979	9.2E-05	0.036449	0.328262
2586	492930.5	3860443.11	7.78201	13.1212	10.27669	16.37237	1.78E-01	0.01398	0.00015	0.05234	0.24407	2.35E-01	0.018487	0.000126	0.032497	2.86E-01	0.272098	0.018687	9.3E-05	0.03585	0.326727
2587	492980.5	3860443.11	7.79707	12.96813	10.39552	16.07695	1.78E-01	0.01382	0.00016	0.0514	0.24331	2.35E-01	0.018271	0.000127	0.031911	2.86E-01	0.272624	0.018469	9.4E-05	0.035203	0.32639
2588	493030.5	3860443.11	7.79592	12.78092	10.46628	15.73374	1.78E-01	0.01362	0.00016	0.0503	0.24198	2.35E-01	0.018008	0.000128	0.03123	2.85E-01	0.272584	0.018202	9.47E-05	0.034452	0.325332
2589	493080.5	3860443.11	7.74466	12.52053	10.44463	15.35366	1.77E-01	0.01334	0.00016	0.04909	0.23932	2.34E-01	0.017641	0.000128	0.030475	2.82E-01	0.270792	0.017831	9.45E-05	0.033619	0.322337
2590	493130.5	3860443.11	7.68004	12.50058	10.3811	15.21092	1.75E-01	0.01332	0.00016	0.04863	0.23737	2.32E-01	0.017613	0.000127	0.030192	2.80E-01	0.268532	0.017803	9.39E-05	0.033307	0.319736
2591	493180.5	3860443.11	7.5355	12.37588	10.18901	15.19273	1.72E-01	0.01318	0.00015	0.04857	0.23388	2.27E-01	0.017437	0.000125	0.030156	2.75E-01	0.263478	0.017625	9.22E-05	0.033267	0.314463
2592	493230.5	3860443.11	7.48977	12.40081	10.10894	15.14803	1.71E-01	0.01321	0.00015	0.04843	0.23271	2.26E-01	0.017472	0.000124	0.030067	2.74E-01	0.261879	0.017661	9.15E-05	0.033169	0.312801
2593	493280.5	3860443.11	7.39855	12.34822	9.95058	15.05731	1.69E-01	0.01316	0.00015	0.04814	0.23028	2.23E-01	0.017398	0.000122	0.029887	2.71E-01	0.25869	0.017586	9E-05	0.03297	0.309336
2594	493330.5	3860443.11	7.30096	12.29449	9.7844	14.92778	1.67E-01	0.0131	0.00015	0.04772	0.22758	2.20E-01	0.017322	0.00012	0.02963	2.67E-01	0.255278	0.017509	8.85E-05	0.032687	0.305562
2595	493380.5	3860443.11	7.1496	12.12729	9.51436	14.78175	1.63E-01	0.01292	0.00014	0.04726	0.22348	2.16E-01	0.017087	0.000116	0.02934	2.62E-01	0.249985	0.017271	8.61E-05	0.032367	0.29971
2596	493180.5	3860493.11	7.57057	12.20321	10.1956	15.03951	1.73E-01	0.013	0.00015	0.04808	0.234	2.28E-01	0.017194	0.000125	0.029852	2.76E-01	0.264705	0.017379	9.22E-05	0.032932	0.315107
2597	493230.5	3860493.11	7.52285	12.23774	10.15014	14.97914	1.72E-01	0.01304	0.00015	0.04789	0.23276	2.27E-01	0.017242	0.000124	0.029732	2.74E-01	0.263036	0.017428	9.18E-05	0.032799	0.313355
2598	493280.5	3860493.11	7.46462	12.258	10.06978	14.96548	1.70E-01	0.01306	0.00015	0.04785	0.2314	2.25E-01	0.017271	0.000123	0.029705	2.72E-01	0.261	0.017457	9.11E-05	0.032769	0.311318
2599	493330.5	3860493.11	7.37682	12.21847	9.93123	14.91592	1.68E-01	0.01302	0.00015	0.04769	0.2292	2.23E-01	0.017215	0.000122	0.029607	2.70E-01	0.25793	0.017401	8.98E-05	0.032661	0.308082
2600	493380.5	3860493.11	7.24357	12.10021	9.71619	14.83094	1.65E-01	0.01289	0.00015	0.04741	0.22576	2.19E-01	0.017048	0.000119	0.029438	2.65E-01	0.253271	0.017232	8.79E-05	0.032475	0.303066
2601	493330.5	3860543.11	7.42192	12.07105	9.9946	14.75907	1.69E-01	0.01286	0.00015	0.04719	0.22957	2.24E-01	0.017007	0.000122	0.029295	2.70E-01	0.259507	0.017191	9.04E-05	0.032317	0.309106
2602	493380.5	3860543.11	7.30848	12.00266	9.83782	14.74038	1.67E-01	0.01279	0.00015	0.04713	0.22685	2.21E-01	0.016911	0.00012	0.029258	2.67E-01	0.255541	0.017094	8.9E-05	0.032277	0.305
2603	494135.94	3860876.85	6.11268	10.33587	8.04579	13.15133	1.39E-01	0.01101	0.00012	0.04205	0.19267	1.84E-01	0.014563	9.85E-05	0.026104	2.25E-01	0.21373	0.01472	7.28E-05	0.028797	0.257319
2604	494185.94	3860876.85	5.98756	10.24672	7.83207	13.05411	1.37E-01	0.01092	0.00012	0.04173	0.18941	1.81E-01	0.014437	9.59E-05	0.025911	2.21E-01	0.209355	0.014593	7.09E-05	0.028584	0.252603
2605	494135.94	3860926.85	6.19665	10.24496	8.20667	13.04653	1.41E-01	0.01091	0.00012	0.04171	0.19416	1.87E-01	0.014434	0.0001	0.025896	2.27E-01	0.216666	0.01459	7.42E-05	0.028568	0.259898
2606	494185.94	3860926.85	6.09331	10.20306	8.0401	13.00666	1.39E-01	0.01087	0.00012	0.04158	0.19163	1.84E-01	0.014375	9.84E-05	0.025817	2.24E-01	0.213052	0.014531	7.27E-05	0.02848	0.256136
2607	494135.94	3860976.85	6.25418	10.087	8.29202	12.83512	1.43E-01	0.01075	0.00012	0.04103	0.19463	1.89E-01	0.014212	0.000101	0.025476	2.29E-01	0.218677	0.014365	7.5E-05	0.028105	0.261222
2608	494185.94	3860976.85	6.16987	10.08773	8.17289	12.85552	1.41E-01	0.01075	0.00012	0.0411	0.19277	1.86E-01	0.014213	0.0001	0.025517	2.26E-01	0.215729	0.014366	7.39E-05	0.028149	0.258319
2609	494135.94	3861026.85	6.27424	10.13633	8.28311	12.76724	1.43E-01	0.0108	0.00012	0.04082	0.19492	1.89E-01	0.014281	0.000101	0.025342	2.29E-01	0.219378	0.014436	7.49E-05	0.027956	0.261845
2610	494185.94	3861026.85	6.21057	9.94369	8.21649	12.59319	1.42E-01	0.01059	0.00012	0.04026	0.19271	1.87E-01	0.01401	0.000101	0.024996	2.27E-01	0.217152	0.014161	7.43E-05	0.027575	0.258963
2611	494135.94	3861076.85	6.2664	10.28631	8.19032	13.05946	1.43E-01	0.01096	0.00012	0.04175	0.19584	1.89E-01	0.014493	0.0001	0.025922	2.30E-01	0.219104	0.014649	7.41E-05	0.028596	0.262423
2612	494185.94	3861076.85	6.21903	10.12163	8.17241	12.79985	1.42E-01	0.01078	0.00012	0.04092	0.19375	1.88E-01	0.014261	0.0001	0.025406	2.27E-01	0.217448	0.014415	7.39E-05	0.028027	0.259964
2613	490360.04	3858710.04	12.27267	23.203	16.97355	23.75081	2.80E-01	0.02472	0.00026	0.07593	0.38098	3.70E-01	0.032692	0.000208	0.047143	4.50E-01	0.429113	0.033044	0.000154	0.052006	0.514318
2614	490410.04	3858710.04	11.97245	22.6838	16.99924	23.18655	2.73E-01	0.02417	0.00026	0.07413	0.37177	3.61E-01	0.03196	0.000208	0.046023	4.40E-01	0.418616	0.032305	0.000154	0.050771	0.501846
2615	490460.04	3858710.04	11.67425	22.12714	17	22.54866	2.66E-01	0.02357	0.00026	0.07209	0.36233	3.52E-01	0.031176	0.000208	0.044757	4.28E-01	0.408189	0.031512	0.000154	0.049374	0.48923
2616	490510.04	3858710.04	11.39051	21.4029	16.88096	21.97975	2.60E-01	0.0228	0.00025	0.07027	0.35327	3.44E-01	0.030155	0.000207	0.043628	4.18E-01	0.398269	0.030481	0.000153	0.048128	0.47703
2617	490560.04	3858710.04	11.34566	21.27646	16.69282	21.43024	2.59E-01	0.02267	0.00025	0.06851	0.35035	3.42E-01	0.029977	0.000204	0.042537	4.15E-01	0.3967	0.030301	0.000151	0.046925	0.474077
2618	490610.04	3858710.04	11.28698	21.44097	16.46227	20.86352	2.58E-01	0.02284	0.00025	0.0667	0.34737	3.41E-01	0.030209	0.000201	0.041412	4.12E-01	0.394649	0.030535	0.000149	0.045684	0.471017
2619	490660.04	3858710.04	11.18908	21.41671	16.16023	20.35644	2.55E-01	0.02282	0.00024	0.06508	0.34348	3.38E-01	0.030175	0.000198	0.040405	4.08E-01	0.391226	0.030501	0.000146	0.044574	0.466446

2620	490710.04	3858710.04	11.09707	21.35956	15.86815	19.71949	2.53E-01	0.02276	0.00024	0.06304	0.33928	3.35E-01	0.030094	0.000194	0.039141	4.04E-01	0.388008	0.030419	0.000144	0.043179	0.46175
2621	490760.04	3858710.04	10.97675	21.15081	15.54655	19.09847	2.50E-01	0.02253	0.00023	0.06106	0.33432	3.31E-01	0.0298	0.00019	0.037908	3.99E-01	0.383801	0.030122	0.000141	0.041819	0.455883
2622	490810.04	3858710.04	10.83785	20.88483	15.33615	18.45694	2.47E-01	0.02225	0.00023	0.05901	0.32882	3.27E-01	0.029425	0.000188	0.036635	3.93E-01	0.378945	0.029743	0.000139	0.040415	0.449241
2623	490860.04	3858710.04	10.70552	20.86717	15.08738	17.73715	2.44E-01	0.02223	0.00023	0.05671	0.32347	3.23E-01	0.029401	0.000185	0.035206	3.88E-01	0.374318	0.029718	0.000136	0.038838	0.443011
2624	490360.04	3858760.04	12.59656	23.23767	17.73737	24.49717	2.87E-01	0.02476	0.00027	0.07832	0.39081	3.80E-01	0.03274	0.000217	0.048624	4.62E-01	0.440438	0.033094	0.00016	0.053641	0.527333
2625	490410.04	3858760.04	12.36014	23.02957	17.10079	23.81482	2.82E-01	0.02453	0.00026	0.07614	0.383	3.73E-01	0.032447	0.000209	0.04727	4.53E-01	0.432172	0.032797	0.000155	0.052147	0.51727
2626	490460.04	3858760.04	12.09767	22.7067	16.75571	23.09935	2.76E-01	0.02419	0.00025	0.07385	0.37437	3.65E-01	0.031992	0.000205	0.04585	4.43E-01	0.422994	0.032338	0.000152	0.05058	0.506063
2627	490510.04	3858760.04	11.80376	22.26217	16.79571	22.47566	2.69E-01	0.02372	0.00025	0.07186	0.3652	3.56E-01	0.031366	0.000206	0.044612	4.32E-01	0.412718	0.031705	0.000152	0.049214	0.493789
2628	490560.04	3858760.04	11.46022	21.67445	16.73653	21.90842	2.62E-01	0.02309	0.00025	0.07004	0.35492	3.46E-01	0.030538	0.000205	0.043486	4.20E-01	0.400706	0.030868	0.000151	0.047972	0.479697
2629	490610.04	3858760.04	11.23751	21.01122	16.62161	21.31753	2.56E-01	0.02238	0.00025	0.06815	0.34724	3.39E-01	0.029603	0.000203	0.042313	4.11E-01	0.392919	0.029923	0.00015	0.046678	0.469671
2630	490660.04	3858760.04	11.19031	20.53245	16.44234	20.75492	2.55E-01	0.02187	0.00025	0.06635	0.34385	3.38E-01	0.028929	0.000201	0.041196	4.08E-01	0.391269	0.029241	0.000149	0.045446	0.466105
2631	490710.04	3858760.04	11.11713	20.69224	16.21268	20.18092	2.54E-01	0.02204	0.00024	0.06452	0.34051	3.36E-01	0.029154	0.000198	0.040057	4.05E-01	0.38871	0.029469	0.000147	0.044189	0.462515
2632	490760.04	3858760.04	11.04097	20.788	15.93036	19.54843	2.52E-01	0.02215	0.00024	0.0625	0.33685	3.33E-01	0.029289	0.000195	0.038802	4.02E-01	0.386047	0.029605	0.000144	0.042805	0.458601
2633	490810.04	3858760.04	10.96522	20.75099	15.6062	18.91271	2.50E-01	0.02211	0.00024	0.06046	0.33304	3.31E-01	0.029237	0.000191	0.03754	3.98E-01	0.383398	0.029552	0.000141	0.041413	0.454504
2634	490860.04	3858760.04	10.87485	20.58885	15.26225	18.29966	2.48E-01	0.02193	0.00023	0.0585	0.32884	3.28E-01	0.029008	0.000187	0.036323	3.94E-01	0.380239	0.029322	0.000138	0.04007	0.449768
2635	490360.04	3858810.04	12.84607	23.42103	18.57028	25.12175	2.93E-01	0.02495	0.00028	0.08031	0.3987	3.88E-01	0.032999	0.000227	0.049864	4.71E-01	0.449162	0.033355	0.000168	0.055008	0.537693
2636	490410.04	3858810.04	12.66891	22.76811	18.04236	24.4317	2.89E-01	0.02426	0.00027	0.07811	0.39175	3.82E-01	0.032079	0.000221	0.048494	4.63E-01	0.442968	0.032425	0.000163	0.053497	0.529053
2637	490460.04	3858810.04	12.4572	22.70379	17.45261	23.71599	2.84E-01	0.02419	0.00026	0.07582	0.38455	3.76E-01	0.031988	0.000214	0.047074	4.55E-01	0.435565	0.032334	0.000158	0.05193	0.519987
2638	490510.04	3858810.04	12.18962	22.48447	16.78158	23.05973	2.78E-01	0.02395	0.00025	0.07372	0.37611	3.68E-01	0.031679	0.000205	0.045771	4.46E-01	0.426209	0.032021	0.000152	0.050493	0.508875
2639	490560.04	3858810.04	11.89583	22.15479	16.49682	22.37504	2.71E-01	0.0236	0.00025	0.07153	0.36686	3.59E-01	0.031215	0.000202	0.044412	4.35E-01	0.415937	0.031552	0.000149	0.048994	0.496632
2640	490610.04	3858810.04	11.58815	21.74389	16.52615	21.72318	2.64E-01	0.02316	0.00025	0.06945	0.35731	3.50E-01	0.030636	0.000202	0.043118	4.24E-01	0.405179	0.030966	0.00015	0.047567	0.483862
2641	490660.04	3858810.04	11.23858	21.20622	16.4671	21.13944	2.56E-01	0.02259	0.00025	0.06758	0.3469	3.39E-01	0.029878	0.000202	0.04196	4.11E-01	0.392956	0.030201	0.000149	0.046288	0.469594
2642	490710.04	3858810.04	11.0499	20.59553	16.33519	20.51315	2.52E-01	0.02194	0.00025	0.06558	0.33994	3.33E-01	0.029018	0.0002	0.040716	4.03E-01	0.386359	0.029331	0.000148	0.044917	0.460755
2643	490760.04	3858810.04	11.06383	19.93057	16.13694	19.78873	2.52E-01	0.02123	0.00024	0.06327	0.33723	3.34E-01	0.028081	0.000198	0.039279	4.01E-01	0.386846	0.028384	0.000146	0.043331	0.458707
2644	490810.04	3858810.04	11.01868	19.90505	15.89183	19.3184	2.51E-01	0.02121	0.00024	0.06176	0.33466	3.33E-01	0.028045	0.000195	0.038345	3.99E-01	0.385268	0.028348	0.000144	0.042301	0.45606
2645	490860.04	3858810.04	10.99858	20.02877	15.6798	18.66065	2.51E-01	0.02134	0.00024	0.05966	0.33223	3.32E-01	0.028219	0.000192	0.037039	3.97E-01	0.384565	0.028524	0.000142	0.040861	0.454091
2646	490360.04	3858860.04	13.02006	24.36288	19.18389	25.57568	2.97E-01	0.02595	0.00029	0.08177	0.40514	3.93E-01	0.034326	0.000235	0.050765	4.78E-01	0.455246	0.034696	0.000174	0.056002	0.546118
2647	490410.04	3858860.04	12.85339	23.58309	18.72906	24.99086	2.93E-01	0.02512	0.00028	0.0799	0.39863	3.88E-01	0.033227	0.000229	0.049604	4.71E-01	0.449418	0.033586	0.000169	0.054722	0.537895
2648	490460.04	3858860.04	12.70611	22.99717	18.27456	24.23036	2.90E-01	0.0245	0.00028	0.07747	0.3922	3.83E-01	0.032402	0.000224	0.048095	4.64E-01	0.444268	0.032751	0.000165	0.053056	0.530241
2649	490510.04	3858860.04	12.47458	22.28696	17.67488	23.66785	2.85E-01	0.02374	0.00027	0.07567	0.38436	3.76E-01	0.031401	0.000216	0.046978	4.55E-01	0.436173	0.03174	0.00016	0.051825	0.519897
2650	490560.04	3858860.04	12.24675	22.04142	17.07348	22.94513	2.79E-01	0.02348	0.00026	0.07336	0.37658	3.70E-01	0.031055	0.000209	0.045544	4.46E-01	0.428207	0.03139	0.000154	0.050242	0.509994
2651	490610.04	3858860.04	11.99692	21.91667	16.44726	22.07614	2.74E-01	0.02335	0.00025	0.07058	0.36795	3.62E-01	0.030879	0.000201	0.043819	4.37E-01	0.419472	0.031213	0.000149	0.048339	0.499172
2652	490660.04	3858860.04	11.6871	21.61377	16.23505	21.38311	2.67E-01	0.02303	0.00024	0.06836	0.35834	3.53E-01	0.030452	0.000199	0.042443	4.26E-01	0.408639	0.030781	0.000147	0.046822	0.486389
2653	490710.04	3858860.04	11.34755	21.1914	16.21571	20.88949	2.59E-01	0.02258	0.00024	0.06678	0.34856	3.42E-01	0.029857	0.000198	0.041463	4.14E-01	0.396766	0.03018	0.000147	0.045741	0.472834
2654	490760.04	3858860.04	11.0376	20.71444	16.13994	20.16729	2.52E-01	0.02207	0.00024	0.06448	0.33867	3.33E-01	0.029185	0.000198	0.04003	4.03E-01	0.385929	0.0295	0.000146	0.04416	0.459735
2655	490810.04	3858860.04	11.02639	20.14468	16.07151	19.47088	2.52E-01	0.02146	0.00024	0.06225	0.33558	3.33E-01	0.028383	0.000197	0.038648	4.00E-01	0.385537	0.028689	0.000145	0.042635	0.457006
2656	490860.04	3858860.04	11.08915	19.49091	16.01593	18.75073	2.53E-01	0.02076	0.00024	0.05995	0.33402	3.35E-01	0.027461	0.000196	0.037218	4.00E-01	0.387732	0.027758	0.000145	0.041058	0.456692
2657	490360.04	3858910.04	13.00661	24.80013	19.32828	26.74131	2.97E-01	0.02642	0.00029	0.08549	0.40903	3.93E-01	0.034942	0.000237	0.053079	4.81E-01	0.454775	0.035319	0.000175	0.058555	0.548824
2658	490410.04	3858910.04	12.92611	24.3081	19.10739	25.7559	2.95E-01	0.0259	0.00029	0.08234	0.40351	3.90E-01	0.034249	0.000234	0.051123	4.76E-01	0.451961	0.034618	0.000173	0.056397	0.543149
2659	490460.04	3858910.04	12.81834	23.74105	18.79103	24.81186	2.93E-01	0.02529	0.00028	0.07932	0.39742	3.87E-01	0.03345	0.00023	0.049249	4.70E-01	0.448193	0.033811	0.00017	0.05433	0.536503
2660	490510.04	3858910.04	12.67916	23.08174	18.38814	24.06828	2.89E-01	0.02459	0.00028	0.07695	0.39116	3.83E-01	0.032521	0.000225	0.047773	4.63E-01	0.443326	0.032872	0.000166	0.052701	0.529066
2661	490560.04	3858910.04	12.50657	22.47561	17.90825	23.27983	2.85E-01	0.02394	0.00027	0.07443	0.38405	3.77E-01	0.031667	0.000219	0.046208	4.56E-01	0.437292	0.032009	0.000162	0.050975	0.520437
2662	490610.04	3858910.04	12.28893	21.8766	17.35443	22.47309	2.80E-01	0.02331	0.00026	0.07185	0.37586	3.71E-01	0.030823	0.000212	0.044607	4.47E-01	0.429682	0.031155	0.000157	0.049209	0.510203
2663	490660.04	3858910.04	12.03179	21.43256	16.71456	21.77296	2.75E-01	0.02283	0.00025	0.06961	0.36727	3.63E-01	0.030197	0.000205	0.043217	4.37E-01	0.420691	0.030523	0.000151	0.047676	0.499041
2664	490710.04	3858910.04	11.77759	21.28168	16.02417	20.987	2.69E-01	0.02267	0.00024	0.0671	0.35878	3.55E-01	0.029985	0.000196	0.041657	4.27E-01	0.411803	0.030308	0.000145	0.045955	0.48821
2665	490760.04	3858910.04	11.50601	21.02223	16.02095	20.09693	2.63E-01	0.0224	0.00024	0.06425	0.34946	3.47E-01	0.029619	0.000196	0.03989	4.17E-01	0.402307	0.029939	0.000145	0.044006	0.476396
2666	490810.04	3858910.04	11.19464	20.6347	16.0926	19.49764	2.55E-01	0.02198	0.00024	0.06233	0.34003	3.38E-01	0.029073	0.000197	0.038701	4.06E-01	0.39142	0.029387	0.000146	0.042693	0.463646
2667	490860.04	3858910.04	11.12332	20.15015	16.2724	18.6769	2.54E-01	0.02147	0.00025	0.05971	0.33527	3.36E-01	0.02839	0.000199	0.037072	4.01E-01	0.388926	0.028697	0.000147	0.040896	0.458666
2668	490360.04	3858960.04	12.95912	25.27319	19.1704	27.82318	2.96E-01	0.02692	0.00029	0.08895	0.4119	3.91E-01	0.035608	0.000235	0.055226	4.82E-01	0.453115	0.035993	0.000173	0.060923	0.550205
2669	490410.04	3858960.04	12.93615	24.73274	19.18843	26.84451	2.95E-01	0.02635	0.00029	0.08582	0.40767	3.90E-01	0.034847	0.000235	0.053284	4.79E-01	0.452312	0.035223	0.000174	0.058781	0.546489
2670	490460.04	3858960.04	12.88572	24.37172	19.083	25.81	2.94E-01	0.02596	0.00029	0.08252	0.40283	3.89E-01	0.034338	0.000234	0.05123	4.75E-01	0.450548	0.034709	0.000173	0.056515	0.541945
2671	490510.04	3858960.04	12.79293	23.86978	18.83987	24.77325	2.92E-01	0.02543	0.00028	0.0792	0.39686	3.86E-01	0.033631	0.000231	0.049172	4.69E-01	0.447304	0.033994	0.00017	0.054245	0.535714
2672	490560.04	3858960.04	12.65478	23.25716	18.49176	23.70808	2.89E-01	0.02478	0.00028	0.0758	0.38964	3.82E-01	0.032768	0.000226	0.047058	4.62E-01	0.442474	0.033122	0.000167	0.051913	0.527675
2673	490610.04	3858960.04	12.48237	22.62566	18.05708	22.59511	2.85E-01	0.0241	0.00027	0.07224	0.38147	3.77E-01	0.031878	0.000221	0.044849	4.54E-01	0.436445	0.032222	0.000163	0.049476	0.518307
2674	490660.04	3858960.04	12.28179	21.94693	17.49762	22.05959	2.80E-01	0.02338	0.00026	0.07053	0.37445	3.71E-01	0.030922	0.000214	0.043786	4.46E-01	0.429432	0.031256	0.000158	0.048303	0.509149
2675	490710.04	3858960.04	12.10552	21.36919	16.9054	21.12867	2.76E-01	0.02277	0.00025	0.06755	0.36683	3.65E-01	0.030108	0.000207	0.041938	4.38E-01	0.423269	0.030433	0.000153	0.046265	0.500119
2676	490760.04	3858960.04	11.89643	20.7653	16.29408	20.2746	2.71E-01	0.02212	0.00025	0.06482	0.35867	3.59E-01	0.029257	0.000199	0.040243	4.29E-01	0.415958	0.029573	0.000147	0.044395	0.490073
2677	490810.04	3858960.04	11.66762	20.59974	16.02212	19.40152	2.66E-01	0.02195	0.00024	0.06203	0.35048	3.52E-01	0.029024	0.000196	0.03851	4.20E-01	0.407958	0.029337	0.000145	0.042483	0.479923
2678	490860.04	3858960.04	11.48721	20.32581	16.29522	18.57741	2.62E-01	0.02165	0.00025	0.05939	0.34344	3.47E-01	0.028638	0.000199	0.036874	4.12E-01	0.40165	0.028947	0.000147	0.040678	0.471422
2679	490360.04	3859010.04	12.82251	25.41647	18.58058	28.7286	2.93E-01	0.02708	0.00028	0.09185	0.41182	3.87E-01	0.03581	0.000227	0.057023	4.80E-01	0.448338	0.036197	0.000168	0.062906	0.547609
2680	490410.04	3859010.04	12.85042	25.2081	18.8555	27.7485	2.93E-01	0.02686	0.00028	0.08871	0.40911	3.88E-01	0.035517	0.000231	0.055078	4.79E-01	0.449314	0.0359	0.000171	0.06076	0.546145

2681	490460.04	3859010.04	12.85354	24.85574	18.99937	26.63344	2.93E-01	0.02648	0.00029	0.08515	0.40524	3.88E-01	0.03502	0.000233	0.052865	4.76E-01	0.449423	0.035398	0.000172	0.058318	0.543312
2682	490510.04	3859010.04	12.7985	24.32327	18.98334	25.48408	2.92E-01	0.02591	0.00029	0.08147	0.39974	3.86E-01	0.03427	0.000232	0.050583	4.71E-01	0.447499	0.03464	0.000172	0.055802	0.538112
2683	490560.04	3859010.04	12.69139	23.87749	18.7845	24.56715	2.90E-01	0.02544	0.00028	0.07854	0.39389	3.83E-01	0.033642	0.00023	0.048763	4.66E-01	0.443754	0.034005	0.00017	0.053794	0.531723
2684	490610.04	3859010.04	12.59903	23.38643	18.49225	23.3767	2.88E-01	0.02491	0.00028	0.07474	0.38745	3.80E-01	0.03295	0.000226	0.0464	4.60E-01	0.440524	0.033306	0.000167	0.051187	0.525185
2685	490660.04	3859010.04	12.44358	22.70332	18.07421	22.47922	2.84E-01	0.02419	0.00027	0.07187	0.3803	3.76E-01	0.031988	0.000221	0.044619	4.52E-01	0.435089	0.032333	0.000164	0.049222	0.516807
2686	490710.04	3859010.04	12.35404	22.06189	17.64721	21.19202	2.82E-01	0.0235	0.00027	0.06775	0.37345	3.73E-01	0.031084	0.000216	0.042064	4.46E-01	0.431958	0.031419	0.00016	0.046403	0.509941
2687	490760.04	3859010.04	12.22834	21.36789	17.21154	20.1197	2.79E-01	0.02276	0.00026	0.06432	0.36641	3.69E-01	0.030106	0.000211	0.039936	4.39E-01	0.427563	0.030431	0.000156	0.044055	0.502205
2688	490810.04	3859010.04	12.13391	20.76757	16.86781	19.17044	2.77E-01	0.02212	0.00025	0.06129	0.36057	3.66E-01	0.02926	0.000206	0.038051	4.34E-01	0.424261	0.029576	0.000153	0.041977	0.495967
2689	490860.04	3859010.04	11.9868	20.09381	16.7199	18.44515	2.74E-01	0.02141	0.00025	0.05897	0.35418	3.62E-01	0.028311	0.000205	0.036612	4.27E-01	0.419118	0.028617	0.000151	0.040389	0.488274
2690	490360.04	3859060.04	12.61403	25.83934	17.57346	29.37667	2.88E-01	0.02753	0.00026	0.09392	0.40957	3.81E-01	0.036406	0.000215	0.05831	4.76E-01	0.441049	0.036799	0.000159	0.064325	0.542332
2691	490410.04	3859060.04	12.68683	25.19724	18.1385	28.26719	2.90E-01	0.02684	0.00027	0.09037	0.40701	3.83E-01	0.035501	0.000222	0.056107	4.75E-01	0.443594	0.035885	0.000164	0.061896	0.541539
2692	490460.04	3859060.04	12.70727	25.04626	18.49527	27.20147	2.90E-01	0.02668	0.00028	0.08696	0.40392	3.84E-01	0.035289	0.000226	0.053992	4.73E-01	0.444309	0.03567	0.000167	0.059562	0.539708
2693	490510.04	3859060.04	12.68234	24.75619	18.68392	26.16861	2.89E-01	0.02637	0.00028	0.08366	0.39974	3.83E-01	0.03488	0.000229	0.051942	4.70E-01	0.443437	0.035256	0.000169	0.057301	0.536163
2694	490560.04	3859060.04	12.66283	24.32572	18.76304	24.98694	2.89E-01	0.02592	0.00028	0.07988	0.39506	3.82E-01	0.034273	0.00023	0.049596	4.66E-01	0.442755	0.034643	0.00017	0.054713	0.532281
2695	490610.04	3859060.04	12.62349	23.72082	18.64673	24.03095	2.88E-01	0.02527	0.00028	0.07683	0.39046	3.81E-01	0.033421	0.000228	0.047699	4.62E-01	0.44138	0.033782	0.000169	0.05262	0.52795
2696	490660.04	3859060.04	12.56595	23.27633	18.44371	23.08281	2.87E-01	0.0248	0.00028	0.0738	0.38564	3.79E-01	0.032795	0.000226	0.045817	4.58E-01	0.439368	0.033149	0.000167	0.050544	0.523227
2697	490710.04	3859060.04	12.56887	22.74394	18.25426	21.77943	2.87E-01	0.02423	0.00028	0.06963	0.38097	3.79E-01	0.032045	0.000223	0.04323	4.55E-01	0.43947	0.032391	0.000165	0.04769	0.519715
2698	490760.04	3859060.04	12.55168	22.07645	18.12426	20.52698	2.86E-01	0.02352	0.00027	0.06563	0.37586	3.79E-01	0.031104	0.000222	0.040744	4.51E-01	0.438869	0.03144	0.000164	0.044947	0.51542
2699	490810.04	3859060.04	12.56589	21.40527	18.08629	19.21556	2.87E-01	0.0228	0.00027	0.06143	0.37127	3.79E-01	0.030159	0.000221	0.038141	4.48E-01	0.439366	0.030484	0.000164	0.042076	0.512089
2700	490860.04	3859060.04	12.62415	23.4318	17.87952	17.97463	2.88E-01	0.02496	0.00027	0.05747	0.37079	3.81E-01	0.033014	0.000219	0.035678	4.50E-01	0.441403	0.03337	0.000162	0.039358	0.514293
2701	490360.04	3859110.04	12.30747	26.2878	16.13903	29.83829	2.81E-01	0.02801	0.00024	0.09539	0.40451	3.71E-01	0.037038	0.000198	0.059226	4.68E-01	0.43033	0.037438	0.000146	0.065336	0.53325
2702	490410.04	3859110.04	12.41644	25.92734	16.92196	28.81692	2.83E-01	0.02762	0.00026	0.09213	0.40336	3.75E-01	0.03653	0.000207	0.057199	4.69E-01	0.43414	0.036924	0.000153	0.063099	0.534317
2703	490460.04	3859110.04	12.47375	25.29827	17.50528	27.90067	2.85E-01	0.02695	0.00026	0.0892	0.40108	3.76E-01	0.035644	0.000214	0.05538	4.68E-01	0.436144	0.036028	0.000158	0.061093	0.533424
2704	490510.04	3859110.04	12.51505	24.62805	18.03683	26.44789	2.86E-01	0.02624	0.00027	0.08455	0.39667	3.78E-01	0.034699	0.000221	0.052496	4.65E-01	0.437588	0.035074	0.000163	0.057912	0.530737
2705	490560.04	3859110.04	12.56523	24.46707	18.37463	25.36329	2.87E-01	0.02607	0.00028	0.08109	0.39418	3.79E-01	0.034473	0.000225	0.050343	4.64E-01	0.439343	0.034845	0.000166	0.055537	0.529891
2706	490610.04	3859110.04	12.65605	24.14317	18.60648	24.16409	2.89E-01	0.02572	0.00028	0.07725	0.39208	3.82E-01	0.034016	0.000228	0.047963	4.64E-01	0.442518	0.034383	0.000168	0.052911	0.529981
2707	490660.04	3859110.04	12.77411	23.6402	18.85601	22.81812	2.92E-01	0.02518	0.00028	0.07295	0.38993	3.86E-01	0.033308	0.000231	0.045292	4.64E-01	0.446646	0.033667	0.000171	0.049964	0.530448
2708	490710.04	3859110.04	12.78986	23.02219	18.87504	21.86791	2.92E-01	0.02453	0.00028	0.06991	0.3866	3.86E-01	0.032437	0.000231	0.043406	4.62E-01	0.447197	0.032787	0.000171	0.047883	0.528038
2709	490760.04	3859110.04	12.87085	22.53125	19.02886	20.70079	2.94E-01	0.024	0.00029	0.06618	0.38419	3.88E-01	0.031745	0.000233	0.041089	4.62E-01	0.450029	0.032088	0.000172	0.045328	0.527616
2710	490810.04	3859110.04	13.07716	24.74329	19.22264	19.33728	2.98E-01	0.02636	0.00029	0.06182	0.3869	3.95E-01	0.034862	0.000235	0.038382	4.68E-01	0.457242	0.035238	0.000174	0.042342	0.534996
2711	490860.04	3859110.04	13.27636	24.66004	19.30266	17.98381	3.03E-01	0.02627	0.00029	0.05749	0.38703	4.01E-01	0.034744	0.000236	0.035696	4.71E-01	0.464207	0.03512	0.000175	0.039379	0.53888
2712	490360.04	3859160.04	11.92027	26.10031	15.83525	29.95656	2.72E-01	0.02781	0.00024	0.09577	0.39585	3.60E-01	0.036774	0.000194	0.059461	4.56E-01	0.416792	0.037171	0.000143	0.065595	0.5197
2713	490410.04	3859160.04	12.07605	26.06751	15.91812	29.19028	2.76E-01	0.02777	0.00024	0.09332	0.39692	3.64E-01	0.036727	0.000195	0.05794	4.59E-01	0.422238	0.037124	0.000144	0.063917	0.523423
2714	490460.04	3859160.04	12.18037	25.78174	16.15054	28.27254	2.78E-01	0.02747	0.00024	0.09039	0.39606	3.68E-01	0.036325	0.000198	0.056118	4.60E-01	0.425886	0.036717	0.000146	0.061907	0.524656
2715	490510.04	3859160.04	12.25328	25.30915	16.86414	27.18132	2.80E-01	0.02696	0.00025	0.0869	0.39375	3.70E-01	0.035659	0.000206	0.053952	4.60E-01	0.428435	0.036044	0.000153	0.059518	0.52415
2716	490560.04	3859160.04	12.40766	24.69293	17.5643	25.78214	2.83E-01	0.02631	0.00026	0.08243	0.39215	3.74E-01	0.034791	0.000215	0.051175	4.61E-01	0.433833	0.035166	0.000159	0.056454	0.525613
2717	490610.04	3859160.04	12.49684	23.96629	18.03535	24.72149	2.85E-01	0.02553	0.00027	0.07904	0.39003	3.77E-01	0.033767	0.000221	0.04907	4.60E-01	0.436951	0.034132	0.000163	0.054132	0.525378
2718	490660.04	3859160.04	12.83147	23.73279	18.87075	22.66449	2.93E-01	0.02528	0.00028	0.07246	0.39085	3.87E-01	0.033438	0.000231	0.044987	4.66E-01	0.448652	0.033799	0.000171	0.049628	0.532249
2719	490710.04	3859160.04	12.94199	23.35522	19.24378	21.68941	2.95E-01	0.02488	0.00029	0.06934	0.38986	3.91E-01	0.032906	0.000236	0.043051	4.67E-01	0.452516	0.033261	0.000174	0.047493	0.533444
2720	490760.04	3859160.04	13.33656	25.84416	19.92781	20.04094	3.04E-01	0.02753	0.0003	0.06407	0.39626	4.03E-01	0.036413	0.000244	0.039779	4.79E-01	0.466312	0.036806	0.00018	0.043883	0.547181
2721	490810.04	3859160.04	13.49375	25.94996	20.13323	19.04197	3.08E-01	0.02765	0.0003	0.06088	0.39676	4.07E-01	0.036562	0.000246	0.037796	4.82E-01	0.471808	0.036957	0.000182	0.041696	0.550642
2722	490860.04	3859160.04	13.68405	25.75658	20.28329	17.93369	3.12E-01	0.02744	0.00031	0.05733	0.39736	4.13E-01	0.036289	0.000248	0.035597	4.85E-01	0.478462	0.036681	0.000183	0.039269	0.554595
2723	490360.04	3859210.04	11.46757	25.3046	16.20737	29.50507	2.62E-01	0.02696	0.00024	0.09433	0.38323	3.46E-01	0.035653	0.000198	0.058564	4.41E-01	0.400963	0.036037	0.000147	0.064606	0.501753
2724	490410.04	3859210.04	11.63428	25.50621	15.68693	29.33806	2.66E-01	0.02717	0.00024	0.09379	0.38671	3.51E-01	0.035937	0.000192	0.058233	4.45E-01	0.406792	0.036325	0.000142	0.064241	0.507499
2725	490460.04	3859210.04	11.82876	25.69114	15.62863	28.33712	2.70E-01	0.02737	0.00024	0.09059	0.38814	3.57E-01	0.036197	0.000191	0.056246	4.50E-01	0.413592	0.036588	0.000141	0.062049	0.51237
2726	490510.04	3859210.04	11.96551	25.54066	15.64391	27.34269	2.73E-01	0.02721	0.00024	0.08742	0.38792	3.61E-01	0.035985	0.000191	0.054272	4.52E-01	0.418373	0.036374	0.000142	0.059871	0.51476
2727	490560.04	3859210.04	12.0707	25.14466	16.23779	26.49514	2.75E-01	0.02679	0.00024	0.08471	0.3872	3.64E-01	0.035427	0.000199	0.05259	4.53E-01	0.422051	0.03581	0.000147	0.058016	0.516023
2728	490610.04	3859210.04	12.27165	24.62031	17.0139	25.2362	2.80E-01	0.02623	0.00026	0.08068	0.38722	3.70E-01	0.034688	0.000208	0.050091	4.55E-01	0.429078	0.035063	0.000154	0.055259	0.519553
2729	490660.04	3859210.04	12.55108	23.92708	17.93344	23.2899	2.86E-01	0.02549	0.00027	0.07446	0.38664	3.79E-01	0.033712	0.000219	0.046228	4.59E-01	0.438848	0.034076	0.000162	0.050997	0.524083
2730	490710.04	3859210.04	12.75842	23.20672	18.54981	22.11016	2.91E-01	0.02472	0.00028	0.07069	0.38685	3.85E-01	0.032697	0.000227	0.043886	4.62E-01	0.446097	0.03305	0.000168	0.048414	0.527729
2731	490760.04	3859210.04	13.21629	26.329	19.61791	20.36916	3.02E-01	0.02805	0.0003	0.06512	0.39507	3.99E-01	0.037096	0.00024	0.040431	4.77E-01	0.462107	0.037496	0.000177	0.044602	0.544382
2732	490810.04	3859210.04	13.21083	25.894	19.7074	19.9586	3.01E-01	0.02759	0.0003	0.06381	0.39317	3.99E-01	0.036483	0.000241	0.039616	4.75E-01	0.461916	0.036877	0.000178	0.043703	0.542674
2733	490860.04	3859210.04	13.22873	25.33263	19.71842	19.44332	3.02E-01	0.02699	0.0003	0.06216	0.39134	3.99E-01	0.035692	0.000241	0.038593	4.74E-01	0.462542	0.036077	0.000178	0.042574	0.541372
2734	490360.04	3859260.04	11.76794	24.00246	16.60847	30.08655	2.69E-01	0.02557	0.00025	0.09619	0.39056	3.55E-01	0.033818	0.000203	0.059719	4.49E-01	0.411465	0.034183	0.00015	0.065879	0.511678
2735	490410.04	3859260.04	11.45645	24.57937	16.20655	29.501	2.61E-01	0.02619	0.00024	0.09432	0.38219	3.46E-01	0.034631	0.000198	0.058556	4.39E-01	0.400574	0.035005	0.000147	0.064597	0.500323
2736	490460.04	3859260.04	11.37059	24.90378	15.65717	28.68716	2.59E-01	0.02653	0.00024	0.09171	0.37797	3.43E-01	0.035088	0.000192	0.056941	4.35E-01	0.397572	0.035467	0.000142	0.062815	0.495996
2737	490510.04	3859260.04	11.50964	25.02056	15.2967	28.08722	2.63E-01	0.02666	0.00023	0.0898	0.37934	3.47E-01	0.035252	0.000187	0.05575	4.39E-01	0.402434	0.035633	0.000138	0.061502	0.499707
2738	490560.04	3859260.04	11.68918	25.02177	15.31172	27.30929	2.67E-01	0.02666	0.00023	0.08731	0.38095	3.53E-01	0.035254	0.000187	0.054206	4.42E-01	0.408712	0.035635	0.000139	0.059798	0.504283
2739	490610.04	3859260.04	11.944	24.84893	15.52266	25.86256	2.73E-01	0.02647	0.00023	0.08268	0.38196	3.60E-01	0.035011	0.00019	0.051334	4.47E-01	0.417621	0.035389	0.00014	0.05663	0.509781
2740	490660.04	3859260.04	12.0107	24.3963	16.19117	25.41824	2.74E-01	0.02599	0.00024	0.08126	0.38159	3.62E-01	0.034373	0.000198	0.050453	4.48E-01	0.419953	0.034744	0.000146	0.055657	0.510501
2741	490710.04	3859260.04	12.10509	23.8418	16.83612	24.4146	2.76E-01	0.0254	0.00025	0.07805	0.37996	3.65E-01	0.033592	0.000206	0.04846	4.48E-01	0.423254	0.033954	0.000152	0.05346	0.51082

2742	490760.04	3859260.04	12.44893	23.15256	17.80862	22.64136	2.84E-01	0.02467	0.00027	0.07239	0.38141	3.76E-01	0.03262	0.000218	0.044941	4.53E-01	0.435276	0.032973	0.000161	0.049577	0.517987
2743	490810.04	3859260.04	12.53832	22.50856	18.21218	21.99516	2.86E-01	0.02398	0.00027	0.07032	0.38071	3.78E-01	0.031713	0.000223	0.043658	4.54E-01	0.438402	0.032055	0.000165	0.048162	0.518784
2744	490860.04	3859260.04	12.58759	22.28563	18.55562	21.31216	2.87E-01	0.02374	0.00028	0.06814	0.37942	3.80E-01	0.031399	0.000227	0.042302	4.54E-01	0.440124	0.031738	0.000168	0.046667	0.518697
2745	490360.04	3859310.04	11.94829	23.1116	16.57624	30.74812	2.73E-01	0.02462	0.00025	0.0983	0.39584	3.61E-01	0.032563	0.000203	0.061032	4.54E-01	0.417771	0.032914	0.00015	0.067328	0.518164
2746	490410.04	3859310.04	11.69948	22.96001	16.4219	29.98824	2.67E-01	0.02446	0.00025	0.09587	0.38757	3.53E-01	0.032349	0.000201	0.059524	4.45E-01	0.409072	0.032698	0.000149	0.065664	0.507583
2747	490460.04	3859310.04	11.40761	23.6279	16.09694	29.3301	2.60E-01	0.02517	0.00024	0.09377	0.37951	3.44E-01	0.03329	0.000197	0.058217	4.36E-01	0.398866	0.03365	0.000146	0.064223	0.496885
2748	490510.04	3859310.04	11.0816	24.05586	15.61972	28.66242	2.53E-01	0.02563	0.00024	0.09163	0.37039	3.34E-01	0.033893	0.000191	0.056892	4.25E-01	0.387468	0.034259	0.000141	0.062761	0.484629
2749	490560.04	3859310.04	11.21124	24.3096	15.12244	27.82857	2.56E-01	0.0259	0.00023	0.08897	0.37094	3.38E-01	0.034251	0.000185	0.055237	4.28E-01	0.392	0.03462	0.000137	0.060935	0.487693
2750	490610.04	3859310.04	11.35939	24.36172	14.92807	27.41902	2.59E-01	0.02595	0.00022	0.08766	0.37307	3.43E-01	0.034324	0.000183	0.054424	4.32E-01	0.39718	0.034695	0.000135	0.060038	0.492049
2751	490660.04	3859310.04	11.49881	24.27579	14.94724	26.84398	2.62E-01	0.02586	0.00023	0.08582	0.37432	3.47E-01	0.034203	0.000183	0.053283	4.35E-01	0.402055	0.034572	0.000135	0.058779	0.495542
2752	490710.04	3859310.04	11.7511	24.08586	15.36034	25.44382	2.68E-01	0.02566	0.00023	0.08134	0.37541	3.55E-01	0.033935	0.000188	0.050503	4.39E-01	0.410877	0.034302	0.000139	0.055713	0.501031
2753	490760.04	3859310.04	11.89439	23.66613	16.13982	24.45749	2.71E-01	0.02521	0.00024	0.07819	0.37509	3.59E-01	0.033344	0.000198	0.048546	4.41E-01	0.415887	0.033704	0.000146	0.053554	0.50329
2754	490810.04	3859310.04	11.98542	23.09612	16.71312	23.78876	2.74E-01	0.02461	0.00025	0.07605	0.37443	3.62E-01	0.032541	0.000205	0.047218	4.42E-01	0.41907	0.032892	0.000151	0.052089	0.504202
2755	490860.04	3859310.04	12.12056	22.43412	17.3049	22.76865	2.77E-01	0.0239	0.00026	0.07279	0.37355	3.66E-01	0.031608	0.000212	0.045193	4.43E-01	0.423795	0.031949	0.000157	0.049856	0.505756
2756	490360.04	3859360.04	12.01805	22.97809	16.69384	30.73671	2.74E-01	0.02448	0.00025	0.09827	0.39726	3.63E-01	0.032375	0.000204	0.061009	4.56E-01	0.42021	0.032724	0.000151	0.067303	0.520389
2757	490410.04	3859360.04	11.82612	22.73124	16.25545	30.41736	2.70E-01	0.02422	0.00024	0.09725	0.39159	3.57E-01	0.032027	0.000199	0.060375	4.50E-01	0.4135	0.032373	0.000147	0.066604	0.512623
2758	490460.04	3859360.04	11.59216	22.32624	16.1251	29.78081	2.65E-01	0.02379	0.00024	0.09521	0.38378	3.50E-01	0.031456	0.000197	0.059112	4.41E-01	0.405319	0.031796	0.000146	0.06521	0.502471
2759	490510.04	3859360.04	11.32362	22.46642	15.87666	28.95231	2.58E-01	0.02393	0.00024	0.09256	0.37515	3.42E-01	0.031654	0.000194	0.057467	4.31E-01	0.39593	0.031995	0.000144	0.063396	0.491465
2760	490560.04	3859360.04	11.03168	23.08754	15.51625	28.53074	2.52E-01	0.0246	0.00023	0.09121	0.3678	3.33E-01	0.032529	0.00019	0.056631	4.22E-01	0.385722	0.03288	0.00014	0.062473	0.481215
2761	490610.04	3859360.04	10.90529	23.50716	15.02676	27.85423	2.49E-01	0.02504	0.00023	0.08905	0.36319	3.29E-01	0.03312	0.000184	0.055288	4.18E-01	0.381303	0.033478	0.000136	0.060991	0.475908
2762	490660.04	3859360.04	11.07597	23.71227	14.69888	26.99837	2.53E-01	0.02526	0.00022	0.08631	0.36456	3.34E-01	0.033409	0.00018	0.053589	4.21E-01	0.387271	0.03377	0.000133	0.059117	0.480291
2763	490710.04	3859360.04	11.24594	23.78485	14.65628	26.3875	2.57E-01	0.02534	0.00022	0.08436	0.36656	3.39E-01	0.033511	0.000179	0.052376	4.25E-01	0.393214	0.033873	0.000133	0.05778	0.484999
2764	490760.04	3859360.04	11.42619	23.67971	14.70764	25.47829	2.61E-01	0.02523	0.00022	0.08145	0.36766	3.45E-01	0.033363	0.00018	0.050572	4.29E-01	0.399516	0.033723	0.000133	0.055789	0.489161
2765	490810.04	3859360.04	11.51271	23.35096	15.16631	25.18027	2.63E-01	0.02488	0.00023	0.0805	0.36834	3.47E-01	0.0329	0.000186	0.04998	4.31E-01	0.402541	0.033255	0.000137	0.055136	0.49107
2766	490860.04	3859360.04	11.64774	22.93096	15.82541	24.4061	2.66E-01	0.02443	0.00024	0.07803	0.36851	3.52E-01	0.032308	0.000194	0.048444	4.32E-01	0.407263	0.032657	0.000143	0.053441	0.493504
2767	490360.04	3859410.04	12.07951	22.81432	16.62929	30.36233	2.76E-01	0.02431	0.00025	0.09707	0.39729	3.65E-01	0.032144	0.000204	0.060266	4.57E-01	0.422359	0.032491	0.00015	0.066483	0.521484
2768	490410.04	3859410.04	11.86464	22.42266	16.43784	29.92495	2.71E-01	0.02389	0.00025	0.09567	0.39057	3.58E-01	0.031592	0.000201	0.059398	4.49E-01	0.414846	0.031933	0.000149	0.065526	0.512454
2769	490460.04	3859410.04	11.68326	22.27261	16.08297	29.83789	2.67E-01	0.02373	0.00024	0.09539	0.38598	3.53E-01	0.031381	0.000197	0.059225	4.43E-01	0.408505	0.031719	0.000145	0.065335	0.505704
2770	490510.04	3859410.04	11.4804	21.9783	15.81323	29.46246	2.62E-01	0.02341	0.00024	0.09419	0.37984	3.46E-01	0.030966	0.000194	0.05848	4.36E-01	0.401412	0.0313	0.000143	0.064513	0.497368
2771	490560.04	3859410.04	11.2415	21.55478	15.65312	28.81362	2.57E-01	0.02296	0.00024	0.09212	0.37186	3.39E-01	0.030369	0.000192	0.057192	4.27E-01	0.393058	0.030697	0.000142	0.063092	0.486989
2772	490610.04	3859410.04	10.9669	22.04253	15.35534	28.21142	2.50E-01	0.02348	0.00023	0.09019	0.36418	3.31E-01	0.031057	0.000188	0.055997	4.18E-01	0.383457	0.031392	0.000139	0.061774	0.476761
2773	490660.04	3859410.04	10.67218	22.61485	14.96119	27.75764	2.44E-01	0.02409	0.00023	0.08874	0.35661	3.22E-01	0.031863	0.000183	0.055096	4.09E-01	0.373152	0.032207	0.000135	0.06078	0.466274
2774	490710.04	3859410.04	10.75472	22.96961	14.51082	27.04492	2.45E-01	0.02447	0.00022	0.08646	0.35658	3.25E-01	0.032363	0.000178	0.053681	4.11E-01	0.376038	0.032712	0.000131	0.059219	0.468101
2775	490760.04	3859410.04	10.97504	23.18596	14.30093	26.09784	2.50E-01	0.0247	0.00022	0.08344	0.35881	3.31E-01	0.032668	0.000175	0.051801	4.16E-01	0.383742	0.03302	0.000129	0.057146	0.474037
2776	490810.04	3859410.04	11.08799	23.14234	14.34952	25.84864	2.53E-01	0.02465	0.00022	0.08264	0.36055	3.35E-01	0.032606	0.000176	0.051307	4.19E-01	0.387691	0.032958	0.00013	0.0566	0.477379
2777	490860.04	3859410.04	11.15533	22.92698	14.25216	25.71041	2.55E-01	0.02443	0.00021	0.0822	0.36141	3.37E-01	0.032303	0.000174	0.051032	4.20E-01	0.390045	0.032651	0.000129	0.056297	0.479123
2778	490360.04	3859460.04	12.21155	22.51774	16.20347	29.63821	2.79E-01	0.02399	0.00024	0.09475	0.39766	3.69E-01	0.031726	0.000198	0.058829	4.59E-01	0.426976	0.032069	0.000147	0.064898	0.524089
2779	490410.04	3859460.04	11.97545	22.40685	16.29084	29.81667	2.73E-01	0.02387	0.00025	0.09532	0.39273	3.61E-01	0.03157	0.000199	0.059183	4.52E-01	0.418721	0.031911	0.000147	0.065289	0.516067
2780	490460.04	3859460.04	11.7176	22.08142	16.1793	29.46686	2.67E-01	0.02352	0.00024	0.09421	0.38538	3.54E-01	0.031111	0.000198	0.058489	4.43E-01	0.409705	0.031447	0.000146	0.064523	0.505821
2781	490510.04	3859460.04	11.55083	21.821	15.90919	29.27189	2.64E-01	0.02325	0.00024	0.09358	0.38067	3.49E-01	0.030744	0.000195	0.058102	4.38E-01	0.403874	0.031076	0.000144	0.064096	0.49919
2782	490560.04	3859460.04	11.36256	21.61173	15.48599	29.06261	2.59E-01	0.02302	0.00023	0.09291	0.37547	3.43E-01	0.03045	0.00019	0.057686	4.31E-01	0.397291	0.030778	0.00014	0.063637	0.491847
2783	490610.04	3859460.04	11.15365	21.29778	15.41492	28.66133	2.55E-01	0.02269	0.00023	0.09163	0.36909	3.37E-01	0.030007	0.000189	0.05689	4.24E-01	0.389987	0.030331	0.000139	0.062759	0.483216
2784	490660.04	3859460.04	10.90811	21.09314	15.2093	27.99869	2.49E-01	0.02247	0.00023	0.08951	0.36115	3.29E-01	0.029719	0.000186	0.055574	4.15E-01	0.381401	0.03004	0.000138	0.061308	0.472887
2785	490710.04	3859460.04	10.62472	21.66586	14.85176	27.5315	2.42E-01	0.02308	0.00022	0.08802	0.35379	3.21E-01	0.030526	0.000182	0.054647	4.06E-01	0.371493	0.030855	0.000134	0.060285	0.462767
2786	490760.04	3859460.04	10.43459	22.13463	14.40648	27.03489	2.38E-01	0.02358	0.00022	0.08643	0.34836	3.15E-01	0.031186	0.000176	0.053661	4.00E-01	0.364845	0.031523	0.00013	0.059197	0.455696
2787	490810.04	3859460.04	10.6119	22.41854	14.11084	26.31882	2.42E-01	0.02388	0.00021	0.08414	0.35041	3.20E-01	0.031586	0.000173	0.05224	4.04E-01	0.371044	0.031927	0.000128	0.057629	0.460729
2788	490860.04	3859460.04	10.74763	22.48107	13.97696	26.11087	2.45E-01	0.02395	0.00021	0.08348	0.35291	3.24E-01	0.031674	0.000171	0.051827	4.08E-01	0.37579	0.032016	0.000126	0.057174	0.465107
2789	490360.04	3859510.04	12.39116	22.43486	15.66482	27.71603	2.83E-01	0.0239	0.00024	0.08861	0.39552	3.74E-01	0.031609	0.000192	0.055013	4.61E-01	0.433256	0.031951	0.000142	0.060689	0.526037
2790	490410.04	3859510.04	12.13106	21.95593	15.75744	27.09722	2.77E-01	0.02339	0.00024	0.08663	0.3871	3.66E-01	0.030935	0.000193	0.053785	4.51E-01	0.424162	0.031268	0.000143	0.059334	0.514907
2791	490460.04	3859510.04	11.86221	21.93324	15.91155	29.01295	2.71E-01	0.02337	0.00024	0.09276	0.38707	3.58E-01	0.030903	0.000195	0.057588	4.47E-01	0.414762	0.031236	0.000144	0.063529	0.50967
2792	490510.04	3859510.04	11.61161	21.72126	15.88334	28.92258	2.65E-01	0.02314	0.00024	0.09247	0.38083	3.50E-01	0.030604	0.000194	0.057408	4.39E-01	0.405999	0.030934	0.000144	0.063331	0.500408
2793	490560.04	3859510.04	11.42106	21.34806	15.6933	28.51727	2.61E-01	0.02274	0.00024	0.09117	0.37479	3.45E-01	0.030078	0.000192	0.056604	4.32E-01	0.399337	0.030403	0.000142	0.062443	0.492325
2794	490610.04	3859510.04	11.24881	21.22602	15.36467	28.61563	2.57E-01	0.02261	0.00023	0.09148	0.37104	3.39E-01	0.029906	0.000188	0.056799	4.26E-01	0.393314	0.030229	0.000139	0.062659	0.486341
2795	490660.04	3859510.04	11.05815	20.99224	15.14296	28.38485	2.52E-01	0.02236	0.00023	0.09075	0.3657	3.34E-01	0.029577	0.000185	0.056341	4.20E-01	0.386648	0.029896	0.000137	0.062153	0.478834
2796	490710.04	3859510.04	10.83377	20.64073	15.00621	27.88288	2.47E-01	0.02199	0.00023	0.08914	0.35859	3.27E-01	0.029081	0.000184	0.055345	4.12E-01	0.378802	0.029395	0.000136	0.061054	0.469388
2797	490760.04	3859510.04	10.57601	20.75472	14.73372	27.25141	2.41E-01	0.02211	0.00022	0.08712	0.35081	3.19E-01	0.029242	0.00018	0.054091	4.03E-01	0.36979	0.029558	0.000133	0.059671	0.459152
2798	490810.04	3859510.04	10.28582	21.25537	14.33339	26.85895	2.35E-01	0.02264	0.00022	0.08587	0.34346	3.10E-01	0.029947	0.000175	0.053312	3.94E-01	0.359643	0.030271	0.00013	0.058812	0.448856
2799	490860.04	3859510.04	10.29134	21.62607	13.89912	26.30545	2.35E-01	0.02304	0.00021	0.0841	0.3422	3.11E-01	0.03047	0.00017	0.052214	3.93E-01	0.359836	0.030799	0.000126	0.0576	0.448361
2800	490360.04	3859560.04	12.41469	22.77474	15.85872	28.6703	2.83E-01	0.02426	0.00024	0.09166	0.39947	3.75E-01	0.032088	0.000194	0.056908	4.64E-01	0.434079	0.032435	0.000143	0.062778	0.529435
2801	490410.04	3859560.04	12.25813	22.1835	15.34017	27.5992	2.80E-01	0.02363	0.00023	0.08824	0.39184	3.70E-01	0.031255	0.000188	0.054782	4.56E-01	0.428605	0.031593	0.000139	0.060433	0.520769
2802	490460.04	3859560.04	12.05429	21.45071	15.29774	26.49464	2.75E-01	0.02285	0.00023	0.0847	0.38288	3.64E-01	0.030223	0.000187	0.052589	4.47E-01	0.421478	0.030549	0.000138	0.058014	0.510179

2803	490510.04	3859560.04	11.76359	21.46185	15.53144	28.24852	2.68E-01	0.02286	0.00023	0.09031	0.38186	3.55E-01	0.030238	0.00019	0.05607	4.42E-01	0.411313	0.030565	0.000141	0.061855	0.503873
2804	490560.04	3859560.04	11.51234	21.32041	15.56303	28.24786	2.63E-01	0.02271	0.00023	0.09031	0.37598	3.47E-01	0.030039	0.00019	0.056069	4.34E-01	0.402528	0.030363	0.000141	0.061853	0.494886
2805	490610.04	3859560.04	11.28831	21.05838	15.45948	28.13503	2.58E-01	0.02243	0.00023	0.08995	0.37022	3.41E-01	0.02967	0.000189	0.055845	4.26E-01	0.394695	0.02999	0.00014	0.061606	0.486432
2806	490660.04	3859560.04	11.12716	20.79103	15.2015	27.99141	2.54E-01	0.02215	0.00023	0.08949	0.3658	3.36E-01	0.029293	0.000186	0.05556	4.21E-01	0.389061	0.029609	0.000138	0.061292	0.480099
2807	490710.04	3859560.04	10.9508	20.64512	14.8395	27.9826	2.50E-01	0.02199	0.00022	0.08946	0.36158	3.31E-01	0.029088	0.000182	0.055543	4.15E-01	0.382894	0.029402	0.000134	0.061273	0.473703
2808	490760.04	3859560.04	10.75597	20.39601	14.78852	27.7355	2.45E-01	0.02173	0.00022	0.08867	0.35608	3.25E-01	0.028737	0.000181	0.055052	4.09E-01	0.376082	0.029047	0.000134	0.060731	0.465994
2809	490810.04	3859560.04	10.51723	20.00606	14.58514	27.11945	2.40E-01	0.02131	0.00022	0.0867	0.34825	3.17E-01	0.028187	0.000179	0.053829	4.00E-01	0.367734	0.028492	0.000132	0.059383	0.45574
2810	490860.04	3859560.04	10.25289	20.44214	14.26634	26.66152	2.34E-01	0.02178	0.00022	0.08524	0.34121	3.09E-01	0.028802	0.000175	0.05292	3.91E-01	0.358492	0.029113	0.000129	0.05838	0.446113
2811	490187.25	3859422.08	12.96899	24.11804	16.73516	30.17545	2.96E-01	0.02569	0.00025	0.09647	0.41838	3.91E-01	0.033981	0.000205	0.059895	4.85E-01	0.45346	0.034348	0.000151	0.066074	0.554033
2812	490237.25	3859422.08	12.73976	23.37997	16.32168	28.83898	2.91E-01	0.02491	0.00025	0.0922	0.40808	3.84E-01	0.032941	0.0002	0.057242	4.75E-01	0.445445	0.033296	0.000148	0.063148	0.542037
2813	490287.25	3859422.08	12.46169	22.95858	16.4126	30.16678	2.84E-01	0.02446	0.00025	0.09644	0.40554	3.76E-01	0.032347	0.000201	0.059878	4.69E-01	0.435722	0.032696	0.000148	0.066055	0.534622
2814	490337.25	3859422.08	12.23266	22.89791	16.5672	30.40326	2.79E-01	0.02439	0.00025	0.0972	0.401	3.69E-01	0.032262	0.000203	0.060347	4.62E-01	0.427714	0.03261	0.00015	0.066573	0.527047
2815	490187.25	3859472.08	13.14507	24.23756	16.89658	30.80518	3.00E-01	0.02582	0.00025	0.09848	0.42454	3.97E-01	0.034149	0.000207	0.061145	4.92E-01	0.459617	0.034518	0.000153	0.067453	0.56174
2816	490237.25	3859472.08	12.80954	23.77997	16.53856	29.89766	2.92E-01	0.02533	0.00025	0.09558	0.41349	3.87E-01	0.033504	0.000202	0.059344	4.80E-01	0.447885	0.033866	0.00015	0.065466	0.547367
2817	490287.25	3859472.08	12.62726	23.17555	16.02972	28.71363	2.88E-01	0.02469	0.00024	0.0918	0.40489	3.81E-01	0.032653	0.000196	0.056994	4.71E-01	0.441511	0.033005	0.000145	0.062873	0.537535
2818	490337.25	3859472.08	12.37829	22.36379	15.93798	27.64559	2.82E-01	0.02383	0.00024	0.08838	0.39493	3.74E-01	0.031509	0.000195	0.054874	4.60E-01	0.432806	0.031849	0.000144	0.060535	0.525334
2819	490297.07	3859500.42	12.63203	23.24587	16.13601	29.0554	2.88E-01	0.02476	0.00024	0.09289	0.40617	3.81E-01	0.032752	0.000197	0.057672	4.72E-01	0.441678	0.033106	0.000146	0.063622	0.538551
2820	490327.07	3859500.42	12.51379	22.8103	15.77849	28.34563	2.86E-01	0.0243	0.00024	0.09062	0.40074	3.78E-01	0.032138	0.000193	0.056263	4.66E-01	0.437544	0.032485	0.000143	0.062067	0.532239
2821	490297.07	3859530.42	12.6558	23.29988	16.2482	29.48022	2.89E-01	0.02482	0.00024	0.09425	0.40813	3.82E-01	0.032828	0.000199	0.058515	4.74E-01	0.442509	0.033182	0.000147	0.064552	0.540391
2822	490327.07	3859530.42	12.51764	23.00824	16.00103	28.90661	2.86E-01	0.02451	0.00024	0.09242	0.40283	3.78E-01	0.032417	0.000196	0.057377	4.68E-01	0.437679	0.032767	0.000145	0.063296	0.533886
2823	490319.73	3859055.34	12.54766	26.15785	17.11566	30.09307	2.86E-01	0.02787	0.00026	0.09621	0.41068	3.79E-01	0.036855	0.000209	0.059732	4.75E-01	0.438728	0.037253	0.000155	0.065894	0.542029
2824	490319.73	3859105.34	12.22737	26.44623	16.17515	30.42768	2.79E-01	0.02817	0.00024	0.09728	0.40473	3.69E-01	0.037261	0.000198	0.060396	4.67E-01	0.427529	0.037663	0.000146	0.066626	0.531965
2825	490069.73	3859155.34	12.89795	25.22559	18.11643	32.74079	2.94E-01	0.02687	0.00027	0.10467	0.42616	3.89E-01	0.035541	0.000222	0.064987	4.90E-01	0.450976	0.035925	0.000164	0.071691	0.558756
2826	490119.73	3859155.34	12.64366	24.73451	17.62398	31.97694	2.89E-01	0.02635	0.00027	0.10223	0.41739	3.82E-01	0.034849	0.000216	0.063471	4.80E-01	0.442085	0.035226	0.000159	0.070019	0.547489
2827	490269.73	3859155.34	11.68672	25.7132	16.53946	30.48842	2.67E-01	0.02739	0.00025	0.09747	0.39182	3.53E-01	0.036228	0.000202	0.060516	4.50E-01	0.408626	0.036619	0.00015	0.066759	0.512154
2828	490319.73	3859155.34	11.81042	26.02667	15.99488	30.35012	2.70E-01	0.02773	0.00024	0.09703	0.39452	3.56E-01	0.03667	0.000196	0.060242	4.54E-01	0.412951	0.037066	0.000145	0.066457	0.516618
2829	490069.73	3859205.34	12.9351	24.93825	18.13565	32.3909	2.95E-01	0.02657	0.00027	0.10355	0.42559	3.90E-01	0.035136	0.000222	0.064293	4.90E-01	0.452275	0.035516	0.000164	0.070925	0.55888
2830	490119.73	3859205.34	12.70764	24.59169	17.80436	31.69452	2.90E-01	0.0262	0.00027	0.10133	0.41779	3.84E-01	0.034648	0.000218	0.06291	4.81E-01	0.444322	0.035022	0.000161	0.0694	0.548906
2831	490169.73	3859205.34	12.48407	24.26098	17.34689	31.29689	2.85E-01	0.02585	0.00026	0.10006	0.41106	3.77E-01	0.034182	0.000212	0.062121	4.73E-01	0.436505	0.034551	0.000157	0.06853	0.539743
2832	490219.73	3859205.34	12.2624	23.84409	17.14413	30.93309	2.80E-01	0.0254	0.00026	0.09889	0.40439	3.70E-01	0.033595	0.00021	0.061399	4.65E-01	0.428754	0.033957	0.000155	0.067733	0.5306
2833	490269.73	3859205.34	12.01761	24.48692	16.96292	30.50924	2.74E-01	0.02609	0.00026	0.09754	0.39813	3.63E-01	0.034501	0.000208	0.060558	4.58E-01	0.420195	0.034873	0.000153	0.066805	0.522027
2834	490319.73	3859205.34	11.70421	25.0481	16.55822	29.97061	2.67E-01	0.02668	0.00025	0.09582	0.38985	3.53E-01	0.035291	0.000203	0.059489	4.48E-01	0.409237	0.035672	0.00015	0.065626	0.510685
2835	490069.73	3859255.34	13.13137	24.90803	17.76911	32.62931	3.00E-01	0.02654	0.00027	0.10432	0.43079	3.96E-01	0.035094	0.000217	0.064766	4.96E-01	0.459138	0.035473	0.000161	0.071447	0.566218
2836	490119.73	3859255.34	12.82713	24.52006	17.75839	31.89044	2.93E-01	0.02612	0.00027	0.10195	0.42107	3.87E-01	0.034547	0.000217	0.063299	4.85E-01	0.4485	0.03492	0.000161	0.069829	0.55341
2837	490169.73	3859255.34	12.57337	24.10422	17.58086	31.30393	2.87E-01	0.02568	0.00026	0.10008	0.41296	3.79E-01	0.033961	0.000215	0.062135	4.76E-01	0.439627	0.034328	0.000159	0.068545	0.542659
2838	490219.73	3859255.34	12.40285	23.96143	17.27221	31.3909	2.83E-01	0.02553	0.00026	0.10036	0.40919	3.74E-01	0.03376	0.000211	0.062308	4.71E-01	0.433665	0.034125	0.000156	0.068736	0.536681
2839	490269.73	3859255.34	12.19783	23.66676	16.91482	31.15362	2.78E-01	0.02521	0.00025	0.0996	0.40343	3.68E-01	0.033345	0.000207	0.061837	4.64E-01	0.426496	0.033705	0.000153	0.068216	0.52857
2840	490319.73	3859255.34	11.95213	23.43411	16.76698	30.42932	2.73E-01	0.02497	0.00025	0.09728	0.39526	3.61E-01	0.033017	0.000205	0.060399	4.54E-01	0.417906	0.033374	0.000152	0.06663	0.518061
2841	490069.73	3859305.34	13.24816	24.85434	17.29082	30.59095	3.02E-01	0.02648	0.00026	0.0978	0.42687	4.00E-01	0.035018	0.000212	0.06072	4.96E-01	0.463221	0.035396	0.000156	0.066984	0.565758
2842	490119.73	3859305.34	13.00593	24.29052	17.26015	29.98092	2.97E-01	0.02588	0.00026	0.09585	0.41879	3.93E-01	0.034224	0.000211	0.059509	4.86E-01	0.454752	0.034593	0.000156	0.065648	0.555149
2843	490169.73	3859305.34	12.72507	24.09918	17.37967	31.4716	2.90E-01	0.02567	0.00026	0.10062	0.41695	3.84E-01	0.033954	0.000213	0.062468	4.81E-01	0.444931	0.034321	0.000157	0.068912	0.548322
2844	490219.73	3859305.34	12.45127	23.77641	17.33992	31.219	2.84E-01	0.02533	0.00026	0.09981	0.40955	3.76E-01	0.033499	0.000212	0.061966	4.71E-01	0.435358	0.033861	0.000157	0.068359	0.537735
2845	490269.73	3859305.34	12.28127	23.54465	17.11225	31.11327	2.80E-01	0.02508	0.00026	0.09947	0.40508	3.71E-01	0.033173	0.000209	0.061757	4.66E-01	0.429414	0.033531	0.000155	0.068128	0.531227
2846	490319.73	3859305.34	12.09886	23.36372	16.73372	31.04526	2.76E-01	0.02489	0.00025	0.09925	0.4005	3.65E-01	0.032918	0.000205	0.061622	4.60E-01	0.423036	0.033273	0.000151	0.067979	0.524439
2847	490069.73	3859355.34	13.42061	25.32233	17.57153	31.77583	3.06E-01	0.02698	0.00026	0.10159	0.4351	4.05E-01	0.035678	0.000215	0.063072	5.04E-01	0.469251	0.036063	0.000159	0.069578	0.575051
2848	490119.73	3859355.34	13.16353	24.50057	16.9792	30.47191	3.00E-01	0.0261	0.00026	0.09742	0.42418	3.97E-01	0.03452	0.000208	0.060484	4.92E-01	0.460262	0.034892	0.000154	0.066723	0.562031
2849	490169.73	3859355.34	12.90339	23.6479	16.73891	29.33468	2.94E-01	0.02519	0.00025	0.09378	0.41369	3.89E-01	0.033318	0.000205	0.058226	4.81E-01	0.451166	0.033678	0.000151	0.064233	0.549229
2850	490219.73	3859355.34	12.62141	23.65849	16.99081	31.06718	2.88E-01	0.0252	0.00026	0.09932	0.41281	3.81E-01	0.033333	0.000208	0.061665	4.76E-01	0.441307	0.033693	0.000154	0.068027	0.54318
2851	490269.73	3859355.34	12.36614	23.43375	17.0286	30.946	2.82E-01	0.02496	0.00026	0.09894	0.40636	3.73E-01	0.033017	0.000208	0.061425	4.68E-01	0.432381	0.033373	0.000154	0.067761	0.53367
2852	490319.73	3859355.34	12.14408	23.06787	16.90307	30.66818	2.77E-01	0.02458	0.00025	0.09805	0.40001	3.67E-01	0.032501	0.000207	0.060873	4.60E-01	0.424617	0.032852	0.000153	0.067153	0.524775
2853	490069.73	3859405.34	13.67489	25.27706	17.56067	32.22773	3.12E-01	0.02693	0.00026	0.10303	0.4423	4.13E-01	0.035614	0.000215	0.063969	5.13E-01	0.478142	0.035998	0.000159	0.070568	0.584867
2854	490119.73	3859405.34	13.29929	24.83012	17.26842	31.41004	3.04E-01	0.02645	0.00026	0.10042	0.43063	4.01E-01	0.034984	0.000211	0.062346	4.99E-01	0.465009	0.035362	0.000156	0.068777	0.569304
2855	490169.73	3859405.34	13.02129	24.22822	16.80017	30.27569	2.97E-01	0.02581	0.00025	0.09679	0.42001	3.93E-01	0.034136	0.000206	0.060094	4.87E-01	0.455289	0.034505	0.000152	0.066294	0.556239
2856	490219.73	3859405.34	12.78552	23.44289	16.41985	28.88707	2.92E-01	0.02497	0.00025	0.09235	0.40935	3.86E-01	0.03303	0.000201	0.057338	4.76E-01	0.447045	0.033386	0.000149	0.063253	0.543833
2857	490269.73	3859405.34	12.508	23.16172	16.57069	30.51046	2.85E-01	0.02468	0.00025	0.09754	0.40791	3.78E-01	0.032633	0.000203	0.06056	4.71E-01	0.437342	0.032986	0.00015	0.066808	0.537285
2858	490319.73	3859405.34	12.28038	23.07159	16.70464	30.68779	2.80E-01	0.02458	0.00025	0.09811	0.40319	3.71E-01	0.032506	0.000204	0.060912	4.64E-01	0.429383	0.032857	0.000151	0.067196	0.529587
2859	490161.89	3859541.83	13.83949	24.2058	16.365	31.50753	3.16E-01	0.02579	0.00025	0.10073	0.44259	4.18E-01	0.034104	0.0002	0.062539	5.15E-01	0.483897	0.034473	0.000148	0.068991	0.587509
2860	490171.89	3859541.83	13.74854	24.12908	16.41416	31.34921	3.14E-01	0.02571	0.00025	0.10022	0.43993	4.15E-01	0.033996	0.000201	0.062225	5.11E-01	0.480717	0.034363	0.000148	0.068644	0.583873
2861	490161.89	3859551.83	13.91219	24.18498	16.23381	31.53406	3.17E-01	0.02577	0.00024	0.10082	0.44431	4.20E-01	0.034075	0.000199	0.062592	5.17E-01	0.486439	0.034443	0.000147	0.069049	0.590078
2862	490171.89	3859551.83	13.82072	24.11828	16.2796	31.40234	3.15E-01	0.02569	0.00025	0.10039	0.44173	4.17E-01	0.033981	0.000199	0.06233	5.14E-01	0.483241	0.034348	0.000147	0.068761	0.586497
2863	489799.72	3859348.21	16.15585	27.3727	17.88315	35.68392	3.69E-01	0.02916	0.00027	0.11408	0.5122	4.88E-01	0.038566	0.000219	0.070829	5.97E-01	0.564888	0.038983	0.000162	0.078136	0.682169

2864	489819.72	3859348.21	15.92767	27.40137	17.63477	35.708		3.63E-01	0.02919	0.00027	0.11416	0.5071		4.81E-01	0.038607	0.000216	0.070877	5.90E-01		0.55691	0.039024	0.00016	0.078189	0.674282			
2865	489799.72	3859368.21	16.31357	26.93104	17.94985	35.10947		3.72E-01	0.02869	0.00027	0.11225	0.5135		4.92E-01	0.037944	0.00022	0.069689	6.00E-01		0.570403	0.038354	0.000162	0.076878	0.685797			
2866	489819.72	3859368.21	16.09778	27.0574	17.77352	35.25733		3.67E-01	0.02883	0.00027	0.11272	0.50918		4.86E-01	0.038122	0.000218	0.069982	5.94E-01		0.562858	0.038534	0.000161	0.077202	0.678754			
2867	489775.41	3859329.72	16.26227	27.6179	18.03354	36.06667		3.71E-01	0.02942	0.00027	0.11531	0.51612		4.91E-01	0.038912	0.000221	0.071589	6.02E-01		0.568609	0.039332	0.000163	0.078974	0.687078			
2868	489795.41	3859329.72	16.0329	27.65426	17.78934	36.08584		3.66E-01	0.02946	0.00027	0.11537	0.51098		4.84E-01	0.038963	0.000218	0.071627	5.95E-01		0.560589	0.039384	0.000161	0.079016	0.67915			
2869	489775.41	3859349.72	16.43879	27.19984	18.11277	35.48166		3.75E-01	0.02898	0.00027	0.11344	0.51783		4.96E-01	0.038323	0.000222	0.070427	6.05E-01		0.574781	0.038737	0.000164	0.077693	0.691375			
2870	489795.41	3859349.72	16.21766	27.32773	17.93763	35.62877		3.70E-01	0.02911	0.00027	0.11391	0.51339		4.89E-01	0.038503	0.00022	0.070719	5.99E-01		0.56705	0.038919	0.000162	0.078015	0.684146			
2871	489595.05	3859219.43	17.4164	29.08058	19.33985	38.33951		3.97E-01	0.03098	0.00029	0.12257	0.5513		5.26E-01	0.040973	0.000237	0.0761	6.43E-01		0.608963	0.041415	0.000175	0.083951	0.734504			
2872	489615.05	3859219.43	17.16211	29.26488	19.20981	38.42296		3.92E-01	0.03118	0.00029	0.12284	0.54596		5.18E-01	0.041232	0.000235	0.076266	6.36E-01		0.600072	0.041677	0.000174	0.084133	0.726057			
2873	489595.05	3859239.43	17.63532	29.16992	19.41827	38.75788		4.02E-01	0.03108	0.00029	0.12391	0.55773		5.32E-01	0.041099	0.000238	0.07693	6.51E-01		0.616618	0.041542	0.000176	0.084867	0.743203			
2874	489615.05	3859239.43	17.37516	28.81492	19.20205	38.07625		3.97E-01	0.0307	0.00029	0.12173	0.54923		5.24E-01	0.040598	0.000235	0.075577	6.41E-01		0.607521	0.041037	0.000174	0.083374	0.732106			
2875	489372.4	3859092.58	19.16663	32.3038	21.50975	43.72149		4.37E-01	0.03441	0.00032	0.13978	0.61192		5.78E-01	0.045514	0.000263	0.086783	7.11E-01		0.67016	0.046005	0.000195	0.095735	0.812096			
2876	489422.4	3859092.58	18.32267	31.4033	20.71187	42.01345		4.18E-01	0.03346	0.00031	0.13432	0.58622		5.53E-01	0.044245	0.000253	0.083392	6.81E-01		0.640651	0.044723	0.000187	0.091995	0.777557			
2877	489372.4	3859142.58	20.14752	32.22512	21.50244	44.55325		4.60E-01	0.03433	0.00032	0.14244	0.63688		6.08E-01	0.045403	0.000263	0.088434	7.42E-01		0.704457	0.045893	0.000195	0.097557	0.848101			
2878	489422.4	3859142.58	19.09239	31.55113	21.12463	42.59128		4.36E-01	0.03361	0.00032	0.13617	0.6058		5.76E-01	0.044454	0.000259	0.084539	7.05E-01		0.667564	0.044933	0.000191	0.093261	0.80595			
2879	488870.84	3858666.64	21.61991	41.37928	26.42794	58.78172		4.93E-01	0.04408	0.0004	0.18793	0.72579		6.53E-01	0.058301	0.000323	0.116676	8.28E-01		0.755939	0.05893	0.000239	0.128712	0.94382			
2880	488900.84	3858666.64	21.2047	40.8156	25.83221	57.49399		4.84E-01	0.04348	0.00039	0.18381	0.71159		6.40E-01	0.057507	0.000316	0.11412	8.12E-01		0.741421	0.058127	0.000234	0.125893	0.925675			
2881	488870.84	3858696.64	21.87799	41.4071	26.44746	59.40508		4.99E-01	0.04411	0.0004	0.18992	0.7337		6.60E-01	0.05834	0.000324	0.117913	8.37E-01		0.764963	0.05897	0.000239	0.130077	0.954249			
2882	488900.84	3858696.64	21.43377	40.73546	26.09641	57.77707		4.89E-01	0.0434	0.00039	0.18471	0.71764		6.47E-01	0.057394	0.000319	0.114681	8.19E-01		0.749431	0.058013	0.000236	0.126512	0.934192			
2883	488889.67	3858683.97	21.49654	40.98073	26.22044	58.10263		4.91E-01	0.04366	0.0004	0.18576	0.72038		6.49E-01	0.057739	0.000321	0.115328	8.22E-01		0.751625	0.058363	0.000237	0.127225	0.93745			
2884	488919.67	3858683.97	21.06906	40.29236	25.62742	56.66475		4.81E-01	0.04293	0.00039	0.18116	0.70528		6.36E-01	0.056769	0.000314	0.112474	8.05E-01		0.736678	0.057382	0.000232	0.124077	0.918369			
2885	488889.67	3858713.97	21.76833	40.97159	26.2297	58.62842		4.97E-01	0.04365	0.0004	0.18744	0.72825		6.57E-01	0.057726	0.000321	0.116371	8.31E-01		0.761128	0.05835	0.000237	0.128377	0.948092			
2886	488919.67	3858713.97	21.31085	40.33246	25.88767	57.09867		4.86E-01	0.04297	0.00039	0.18255	0.71223		6.43E-01	0.056826	0.000317	0.113335	8.14E-01		0.745133	0.057439	0.000234	0.125027	0.927833			
2887	488906.61	3858703.33	21.40435	40.61038	26.03338	57.60514		4.88E-01	0.04326	0.00039	0.18417	0.71629		6.46E-01	0.057217	0.000319	0.11434	8.18E-01		0.748402	0.057835	0.000236	0.126136	0.932609			
2888	488936.61	3858703.33	20.99307	39.71981	25.5118	55.76325		4.79E-01	0.04232	0.00038	0.17828	0.70006		6.34E-01	0.055963	0.000312	0.110684	8.01E-01		0.734022	0.056567	0.000231	0.122103	0.912922			
2889	488906.61	3858733.33	21.74225	40.60778	26.05041	58.02387		4.96E-01	0.04326	0.00039	0.1855	0.72533		6.56E-01	0.057214	0.000319	0.115171	8.29E-01		0.760217	0.057831	0.000236	0.127053	0.945337			
2890	488936.61	3858733.33	21.25249	40.01908	25.73333	56.57797		4.85E-01	0.04263	0.00039	0.18088	0.7089		6.41E-01	0.056384	0.000315	0.112301	8.10E-01		0.743092	0.056993	0.000233	0.123887	0.924205			
2891	488637.63	3858467.85	23.49135	47.33077	29.45	69.66041		5.36E-01	0.05042	0.00044	0.22271	0.80966		7.09E-01	0.066686	0.00036	0.138269	9.14E-01		0.821374	0.067406	0.000266	0.152533	1.041579			
2892	488662.63	3858467.85	23.07399	47.22402	28.86872	68.81084		5.27E-01	0.05031	0.00044	0.21999	0.7973		6.96E-01	0.066536	0.000353	0.136582	9.00E-01		0.806781	0.067254	0.000261	0.150673	1.024969			
2893	488637.63	3858492.85	23.63419	47.49453	29.42702	70.72587		5.39E-01	0.0506	0.00044	0.22611	0.81651		7.13E-01	0.066917	0.00036	0.140383	9.21E-01		0.826368	0.067639	0.000266	0.154866	1.04914			
2894	488662.63	3858492.85	23.26782	46.52038	29.07456	68.36378		5.31E-01	0.04956	0.00044	0.21856	0.79955		7.02E-01	0.065544	0.000356	0.135695	9.04E-01		0.813558	0.066252	0.000263	0.149694	1.029767			
2895	488687.63	3858492.85	22.90115	46.34883	28.57346	67.37661		5.23E-01	0.04938	0.00043	0.2154	0.78784		6.91E-01	0.065303	0.00035	0.133736	8.91E-01		0.800737	0.066008	0.000258	0.147532	1.014536			
2896	488637.63	3858517.85	23.73317	47.30362	29.16013	71.25635		5.42E-01	0.05039	0.00044	0.22781	0.82025		7.16E-01	0.066648	0.000357	0.141436	9.25E-01		0.829829	0.067367	0.000264	0.156028	1.053488			
2897	488662.63	3858517.85	23.40096	46.70307	29.02108	69.41472		5.34E-01	0.04975	0.00044	0.22192	0.80614		7.06E-01	0.065802	0.000355	0.137781	9.10E-01		0.818213	0.066512	0.000263	0.151995	1.036983			
2898	488687.63	3858517.85	23.05098	45.83942	28.70748	67.27856		5.26E-01	0.04883	0.00043	0.21509	0.7904		6.96E-01	0.064585	0.000351	0.133541	8.94E-01		0.805976	0.065282	0.00026	0.147318	1.018836			
2899	488194.42	3857168.98	17.33266	74.38854	22.30651	23.91529		3.96E-01	0.07925	0.00034	0.07646	0.55159		5.23E-01	0.104809	0.000273	0.047469	6.76E-01		0.606035	0.10594	0.000202	0.052366	0.764544			
2900	488244.42	3857168.98	16.62942	71.64299	21.18241	23.65668		3.79E-01	0.07632	0.00032	0.07563	0.53177		5.02E-01	0.10094	0.000259	0.046956	6.50E-01		0.581447	0.10203	0.000192	0.0518	0.735469			
2901	488294.42	3857168.98	15.98184	69.31368	20.57528	23.15994		3.65E-01	0.07384	0.00031	0.07404	0.51291		4.82E-01	0.097659	0.000252	0.04597	6.26E-01		0.558804	0.098713	0.000186	0.050713	0.708416			
2902	488244.42	3857218.98	17.36234	74.78582	22.56628	24.52445		3.96E-01	0.07967	0.00034	0.07841	0.55464		5.24E-01	0.105368	0.000276	0.048678	6.78E-01		0.607073	0.106506	0.000204	0.0537	0.767484			
2903	488294.42	3857218.98	16.69774	71.4769	21.4779	24.16684		3.81E-01	0.07615	0.00032	0.07726	0.53479		5.04E-01	0.100706	0.000263	0.047969	6.53E-01		0.583836	0.101794	0.000194	0.052917	0.738741			
2904	488294.42	3857268.98	17.42169	70.64597	22.75866	25.10165		3.98E-01	0.07526	0.00034	0.08025	0.55343		5.26E-01	0.099536	0.000279	0.049824	6.75E-01		0.609148	0.10061	0.000206	0.054964	0.764929			
2905	488139.13	3857111.68	17.21199	75.75959	21.94434	23.24252		3.93E-01	0.08071	0.00033	0.07431	0.54814		5.19E-01	0.10674	0.000269	0.046134	6.73E-01		0.601816	0.107893	0.000199	0.050893	0.760801			
2906	488189.13	3857111.68	16.48426	72.13786	21.22994	23.03233		3.76E-01	0.07685	0.00032	0.07363	0.52699		4.98E-01	0.101638	0.00026	0.045717	6.45E-01		0.576371	0.102735	0.000192	0.050433	0.729731			
2907	488189.13	3857161.68	17.29143	74.0819	22.21016	23.83696		3.95E-01	0.07892	0.00033	0.07621	0.55007		5.22E-01	0.104377	0.000272	0.047314	6.74E-01		0.604594	0.105503	0.000201	0.052195	0.762493			
2908	487951.04	3856961.26	17.3418	86.62533	22.52977	21.60447		3.96E-01	0.09229	0.00034	0.06907	0.55745		5.23E-01	0.12205	0.000276	0.042883	6.89E-01		0.606355	0.123367	0.000204	0.047307	0.777233			
2909	488001.04	3856961.26	16.6008	82.33992	21.86814	21.11139		3.79E-01	0.08772	0.00033	0.06749	0.53439		5.01E-01	0.116012	0.000268	0.041904	6.59E-01		0.580446	0.117264	0.000198	0.046227	0.744135			
2910	488051.04	3856961.26	15.90487	77.45124	21.28938	20.32093		3.63E-01	0.08251	0.00032	0.06497	0.51076		4.80E-01	0.109124	0.000261	0.040335	6.30E-01		0.556113	0.110302	0.000193	0.044496	0.711103			
2911	488101.04	3856961.26	15.13925	70.82755	20.62915	19.92129		3.45E-01	0.07546	0.00031	0.06369	0.48495		4.57E-01	0.099792	0.000252	0.039542	5.97E-01		0.529343	0.100869	0.000187	0.043621	0.674019			
2912	487951.04	3857011.26	18.19499	84.83683	23.17025	22.95496		4.15E-01	0.09038	0.00035	0.07339	0.57934		5.49E-01	0.11953	0.000284	0.045563	7.15E-01		0.636187	0.12082	0.00021	0.050264	0.80748			
2913	488001.04	3857011.26	17.50157	79.40551	22.5267	22.28652		3.99E-01	0.08459	0.00034	0.07125	0.55558		5.28E-01	0.111877	0.000276	0.044236	6.85E-01		0.611941	0.113085	0.000204	0.0488	0.77403			
2914	488051.04	3857011.26	16.81069	78.0748	21.9023	21.64641		3.84E-01	0.08318	0.00033	0.0692	0.53634		5.07E-01	0.110002	0.000268	0.042966	6.61E-01		0.587785	0.11119	0.000198	0.047398	0.746571			
2915	488101.04	3857011.26	16.051	75.55283	21.19333	21.4173		3.66E-01	0.08049	0.00032	0.06847	0.51558		4.84E-01	0.106449	0.000259	0.042511	6.34E-01		0.561222	0.107598	0.000192	0.046897	0.715909			
2916	488001.04	3857061.26	18.33414	83.59915	23.5249	23.3539		4.18E-01	0.08906	0.00035	0.07466	0.58248		5.53E-01	0.117786	0.000288	0.046355	7.18E-01		0.641052	0.119057	0.000213	0.051137	0.81146			
2917	488051.04	3857061.26	17.61852	80.87095	22.48055	23.00547		4.02E-01	0.08616	0.00034	0.07355	0.56211		5.32E-01	0.113942	0.000275	0.045663	6.92E-01		0.616031	0.115172	0.000203	0.050374	0.78178			
2918	488101.04	3857061.26	16.89597	77.66694	21.79217	22.67762		3.86E-01	0.08274	0.00033	0.0725	0.54115		5.10E-01	0.109428	0.000267	0.045013	6.65E-01		0.590767	0.110609	0.000197	0.049656	0.751229			
2919	487638.98	3856673.79	16.83902	77.62713	22.81322	15.38084		3.84E-01	0.0827	0.00034	0.04917	0.5165		5.08E-01	0.109372	0.000279	0.030529	6.48E-01		0.588775	0.110552	0.000206	0.033679	0.733213			
2920	487688.98	3856673.79	16.33656	74.51006	22.01516	15.57427		3.73E-01	0.07938	0.00033	0.04979	0.50232		4.93E-01	0.10498	0.000269	0.030913	6.29E-01		0.571207	0.106113	0.000199	0.034102	0.711622			
2921	487638.98	3856723.79	17.50428	79.04263	23.56142	17.12233		3.99E-01	0.08421	0.00036	0.05474	0.53876		5.28E-01	0.111366	0.000288	0.033986	6.74E-01		0.612036	0.112568	0.000213	0.037492	0.76231			
2922	487688.98	3856723.79	16.88559	76.23542	22.80275	16.51121		3.85E-01	0.08122	0.00034	0.05279	0.51969		5.10E-01	0.107411	0.000279	0.032773	6.50E-01		0.590404	0.10857	0.000206	0.036154	0.735334			
2923	486324.61	3855740.57	20.49303	47.54523	25.54502	9.0371		4.68E-01	0.05065	0.00038	0.02889	0.5476		6.18E-01	0.066988	0.000313	0.017938	7.04E-01		0.716538	0.067711	0.000231	0.019788	0.804268			
2924	486374.61	3855740.57	19.81594	46.87376	24.1223	9.0226		4.52E-01	0.04994	0.00036	0.02885	0.53136		5.98E-01	0.066042	0.000295	0.017909	6.82E-01		0.692863	0.066755	0.000218	0.019756	0.779593			

2925	486424.61	3855740.57	19.03679	46.352	23.26037	9.01687		4.34E-01	0.04938	0.00035	0.02883	0.51299		5.75E-01	0.065307	0.000285	0.017898	6.58E-01		0.66562	0.066012	0.00021	0.019744	0.751587
2926	486324.61	3855790.57	21.55817	50.41934	26.85151	9.00983		4.92E-01	0.05371	0.0004	0.0288	0.5749		6.51E-01	0.071038	0.000329	0.017884	7.40E-01		0.75378	0.071805	0.000243	0.019729	0.845556
2927	486374.61	3855790.57	20.83691	45.33807	25.53643	8.99705		4.76E-01	0.0483	0.00038	0.02876	0.55296		6.29E-01	0.063878	0.000313	0.017858	7.11E-01		0.728561	0.064568	0.000231	0.019701	0.813061
2928	486424.61	3855790.57	20.11463	45.23006	24.46578	8.99438		4.59E-01	0.04819	0.00037	0.02876	0.53634		6.07E-01	0.063726	0.000299	0.017853	6.89E-01		0.703307	0.064414	0.000221	0.019695	0.787637
2929	486324.61	3855840.57	22.39832	53.75099	28.51684	8.98214		5.11E-01	0.05726	0.00043	0.02872	0.59756		6.76E-01	0.075732	0.000349	0.017829	7.70E-01		0.783156	0.076549	0.000258	0.019668	0.879631
2930	486374.61	3855840.57	21.67951	49.24244	27.41219	8.97821		4.95E-01	0.05246	0.00041	0.0287	0.57632		6.54E-01	0.069379	0.000336	0.017821	7.42E-01		0.758023	0.070128	0.000248	0.019659	0.848059
2931	486424.61	3855840.57	20.97196	47.47317	26.29651	8.97198		4.79E-01	0.05058	0.0004	0.02868	0.55825		6.33E-01	0.066887	0.000322	0.017808	7.18E-01		0.733283	0.067609	0.000238	0.019646	0.820776
2932	486324.61	3855890.57	23.34081	60.46149	30.29323	8.96277		5.33E-01	0.06441	0.00046	0.02865	0.62618		7.04E-01	0.085186	0.000371	0.01779	8.08E-01		0.81611	0.086106	0.000274	0.019625	0.922116
2933	486374.61	3855890.57	22.51104	55.3582	29.0702	8.95751		5.14E-01	0.05898	0.00044	0.02864	0.60177		6.79E-01	0.077996	0.000356	0.01778	7.76E-01		0.787097	0.078838	0.000263	0.019614	0.885812
2934	486424.61	3855890.57	21.71309	50.08941	27.86738	8.95003		4.96E-01	0.05336	0.00042	0.02861	0.57791		6.55E-01	0.070573	0.000341	0.017765	7.44E-01		0.759197	0.071335	0.000252	0.019598	0.850381
2935	488735.69	3858285.64	19.2117	47.13281	30.31236	55.30374		4.38E-01	0.05021	0.00046	0.17681	0.6659		5.80E-01	0.066407	0.000371	0.109772	7.56E-01		0.671736	0.067124	0.000274	0.121097	0.860231
2936	488765.69	3858285.64	18.86943	47.40506	29.79141	53.66673		4.31E-01	0.0505	0.00045	0.17157	0.65314		5.69E-01	0.066791	0.000365	0.106523	7.43E-01		0.659769	0.067512	0.00027	0.117512	0.845062
2937	488735.69	3858315.64	19.42411	45.38222	29.94899	55.92238		4.43E-01	0.04835	0.00045	0.17879	0.67086		5.86E-01	0.063941	0.000367	0.111	7.62E-01		0.679163	0.064631	0.000271	0.122451	0.866516
2938	488765.69	3858315.64	19.10446	45.40982	29.82418	54.61917		4.36E-01	0.04838	0.00045	0.17462	0.65942		5.77E-01	0.06398	0.000365	0.108413	7.49E-01		0.667986	0.06467	0.00027	0.119598	0.852524
2939	478676.63	3849871.93	12.25577	17.03458	13.46627	18.3937		2.80E-01	0.01815	0.0002	0.05881	0.35684		3.70E-01	0.024001	0.000165	0.03651	4.31E-01		0.428522	0.02426	0.000122	0.040276	0.49318
2940	479326.63	3849871.93	13.88819	17.22188	17.58735	14.03835		3.17E-01	0.01835	0.00027	0.04488	0.38043		4.19E-01	0.024265	0.000215	0.027865	4.72E-01		0.4856	0.024526	0.000159	0.030739	0.541025
2941	479376.63	3849871.93	14.13421	17.12999	17.46911	13.71763		3.23E-01	0.01825	0.00026	0.04386	0.38492		4.27E-01	0.024135	0.000214	0.027228	4.78E-01		0.494202	0.024396	0.000158	0.030037	0.548793
2942	479426.63	3849871.93	14.16747	16.84221	17.83535	13.37977		3.23E-01	0.01794	0.00027	0.04278	0.3843		4.28E-01	0.02373	0.000218	0.026557	4.78E-01		0.495365	0.023986	0.000161	0.029297	0.548809
2943	478726.63	3849921.93	12.21867	17.11965	13.31648	18.76598		2.79E-01	0.01824	0.0002	0.06	0.35727		3.69E-01	0.024121	0.000163	0.037249	4.30E-01		0.427225	0.024381	0.00012	0.041091	0.492818
2944	478776.63	3849921.93	12.25174	16.60319	13.60965	18.05672		2.80E-01	0.01769	0.00021	0.05773	0.35522		3.70E-01	0.023393	0.000167	0.035841	4.29E-01		0.428381	0.023645	0.000123	0.039538	0.491688
2945	478826.63	3849921.93	12.28445	15.98584	13.98385	17.10853		2.80E-01	0.01703	0.00021	0.0547	0.35228		3.71E-01	0.022523	0.000171	0.033959	4.27E-01		0.429525	0.022766	0.000127	0.037462	0.48988
2946	478976.63	3849921.93	13.25623	16.80063	15.13173	15.94539		3.03E-01	0.0179	0.00023	0.05098	0.37162		4.00E-01	0.023671	0.000185	0.03165	4.56E-01		0.463503	0.023927	0.000137	0.034915	0.522482
2947	479026.63	3849921.93	13.189	16.68884	15.40983	15.38237		3.01E-01	0.01778	0.00023	0.04918	0.36817		3.98E-01	0.023514	0.000189	0.030532	4.52E-01		0.461153	0.023767	0.000139	0.033682	0.518742
2948	479076.63	3849921.93	13.12353	16.90432	15.67968	15.94957		2.99E-01	0.01801	0.00024	0.05099	0.36873		3.96E-01	0.023817	0.000192	0.031658	4.52E-01		0.458863	0.024074	0.000142	0.034924	0.518004
2949	479126.63	3849921.93	13.49995	17.35993	15.79021	16.07817		3.08E-01	0.01849	0.00024	0.0514	0.37821		4.07E-01	0.024459	0.000193	0.031913	4.64E-01		0.472025	0.024723	0.000143	0.035206	0.532097
2950	479176.63	3849921.93	13.75029	17.54784	15.87845	15.98638		3.14E-01	0.01869	0.00024	0.05111	0.38384		4.15E-01	0.024724	0.000194	0.031731	4.72E-01		0.480778	0.024991	0.000144	0.035005	0.540917
2951	479226.63	3849921.93	14.01712	17.66112	16.85293	14.86524		3.20E-01	0.01882	0.00025	0.04752	0.38648		4.23E-01	0.024883	0.000206	0.029506	4.78E-01		0.490108	0.025152	0.000152	0.03255	0.547962
2952	479276.63	3849921.93	14.38798	17.51384	17.8504	13.82435		3.28E-01	0.01866	0.00027	0.0442	0.39147		4.34E-01	0.024676	0.000218	0.02744	4.87E-01		0.503075	0.024942	0.000161	0.030271	0.558449
2953	479326.63	3849921.93	13.99967	17.19516	17.3758	15.4214		3.19E-01	0.01832	0.00026	0.0493	0.38737		4.23E-01	0.024227	0.000213	0.03061	4.78E-01		0.489498	0.024488	0.000157	0.033768	0.547911
2954	479376.63	3849921.93	13.97621	17.36528	17.67325	14.41744		3.19E-01	0.0185	0.00027	0.04609	0.38381		4.22E-01	0.024467	0.000216	0.028617	4.75E-01		0.488677	0.024731	0.00016	0.031569	0.545137
2955	479426.63	3849921.93	14.06379	17.24206	17.27554	14.89698		3.21E-01	0.01837	0.00026	0.04763	0.3872		4.24E-01	0.024293	0.000211	0.029569	4.79E-01		0.49174	0.024555	0.000156	0.032619	0.549071
2956	478726.63	3849971.93	12.04681	17.57213	13.31632	19.476		2.75E-01	0.01872	0.0002	0.06227	0.3561		3.64E-01	0.024758	0.000163	0.038658	4.27E-01		0.421216	0.025025	0.00012	0.042646	0.489008
2957	478776.63	3849971.93	12.20357	17.23195	13.23627	19.10317		2.78E-01	0.01836	0.0002	0.06107	0.35813		3.68E-01	0.024279	0.000162	0.037918	4.31E-01		0.426697	0.024541	0.00012	0.04183	0.493187
2958	478826.63	3849971.93	12.28987	16.77686	13.56215	18.39392		2.80E-01	0.01787	0.0002	0.05881	0.35735		3.71E-01	0.023638	0.000166	0.03651	4.31E-01		0.429715	0.023893	0.000123	0.040277	0.494007
2959	478976.63	3849971.93	12.83244	16.3631	13.98606	17.00399		2.93E-01	0.01743	0.00021	0.05436	0.36485		3.87E-01	0.023055	0.000171	0.033751	4.44E-01		0.448686	0.023303	0.000127	0.037233	0.509349
2960	479026.63	3849971.93	13.06949	16.67176	14.77973	16.51095		2.98E-01	0.01776	0.00022	0.05279	0.36903		3.94E-01	0.023489	0.000181	0.032773	4.51E-01		0.456974	0.023743	0.000134	0.036153	0.517004
2961	479076.63	3849971.93	13.19275	16.76714	15.37301	15.68575		3.01E-01	0.01786	0.00023	0.05015	0.36931		3.98E-01	0.023624	0.000188	0.031135	4.53E-01		0.461284	0.023879	0.000139	0.034347	0.519648
2962	479126.63	3849971.93	13.14934	16.96398	15.6562	16.19838		3.00E-01	0.01807	0.00024	0.05179	0.37017		3.97E-01	0.023901	0.000192	0.032152	4.53E-01		0.459766	0.024159	0.000142	0.035469	0.519536
2963	479176.63	3849971.93	13.44965	17.361	15.66187	16.37319		3.07E-01	0.0185	0.00024	0.05235	0.37801		4.06E-01	0.024461	0.000192	0.032499	4.63E-01		0.470266	0.024725	0.000142	0.035852	0.530984
2964	479226.63	3849971.93	14.23321	17.998	16.74357	14.95818		3.25E-01	0.01917	0.00025	0.04782	0.39206		4.30E-01	0.025358	0.000205	0.02969	4.85E-01		0.497663	0.025632	0.000151	0.032753	0.5562
2965	479276.63	3849971.93	14.11522	17.79767	16.89084	15.31936		3.22E-01	0.01896	0.00025	0.04898	0.39031		4.26E-01	0.025076	0.000207	0.030407	4.82E-01		0.493538	0.025346	0.000153	0.033544	0.552581
2966	479326.63	3849971.93	13.87119	17.39179	16.7149	15.80472		3.17E-01	0.01853	0.00025	0.05053	0.38586		4.19E-01	0.024504	0.000205	0.031371	4.75E-01		0.485005	0.024768	0.000151	0.034607	0.544532
2967	479376.63	3849971.93	14.18662	17.38259	17.66517	15.28333		3.24E-01	0.01852	0.00027	0.04886	0.3914		4.28E-01	0.024491	0.000216	0.030336	4.83E-01		0.496034	0.024755	0.00016	0.033465	0.554415
2968	479426.63	3849971.93	13.86823	17.46321	17.35002	15.678		3.16E-01	0.0186	0.00026	0.05012	0.38547		4.19E-01	0.024605	0.000212	0.031119	4.74E-01		0.484902	0.02487	0.000157	0.03433	0.544259
2969	478726.63	3850021.93	12.23726	17.83601	13.20615	19.74724		2.79E-01	0.019	0.0002	0.06313	0.3616		3.69E-01	0.02513	0.000162	0.039196	4.34E-01		0.427875	0.025401	0.000119	0.04324	0.496636
2970	478776.63	3850021.93	12.06034	17.67319	13.2729	19.74683		2.75E-01	0.01883	0.0002	0.06313	0.35739		3.64E-01	0.0249	0.000162	0.039195	4.28E-01		0.421689	0.025169	0.00012	0.043239	0.490217
2971	478826.63	3850021.93	12.18703	17.343	13.17987	19.43369		2.78E-01	0.01848	0.0002	0.06213	0.35892		3.68E-01	0.024435	0.000161	0.038574	4.31E-01		0.426119	0.024699	0.000119	0.042553	0.49349
2972	478976.63	3850021.93	12.53683	15.93802	13.69858	17.29817		2.86E-01	0.01698	0.00021	0.0553	0.35859		3.78E-01	0.022456	0.000168	0.034335	4.35E-01		0.43835	0.022698	0.000124	0.037877	0.499049
2973	478726.63	3850071.93	12.30598	17.89572	13.07288	19.58491		2.81E-01	0.01907	0.0002	0.06261	0.36271		3.71E-01	0.025214	0.00016	0.038874	4.36E-01		0.430278	0.025486	0.000118	0.042884	0.498767
2974	478776.63	3850071.93	12.17837	17.84275	12.99574	19.99383		2.78E-01	0.01901	0.0002	0.06392	0.36105		3.68E-01	0.025139	0.000159	0.039686	4.33E-01		0.425816	0.025411	0.000118	0.04378	0.495124
2975	478826.63	3850071.93	11.99538	17.68914	13.05782	20.06138		2.74E-01	0.01885	0.0002	0.06414	0.35692		3.62E-01	0.024923	0.00016	0.03982	4.27E-01		0.419418	0.025192	0.000118	0.043928	0.488656
2976	478876.63	3850071.93	12.1133	17.37186	12.96704	19.80812		2.76E-01	0.01851	0.0002	0.06333	0.35846		3.66E-01	0.024476	0.000159	0.039317	4.30E-01		0.423541	0.02474	0.000117	0.043373	0.491771
2977	478976.63	3850071.93	12.11032	16.29248	13.34648	18.4037		2.76E-01	0.01736	0.0002	0.05884	0.35276		3.66E-01	0.022955	0.000163	0.036529	4.25E-01		0.423437	0.023203	0.000121	0.040298	0.487058
2978	478726.63	3850121.93	12.28361	16.57953	13.48241	18.99168		2.80E-01	0.01766	0.0002	0.06072	0.3589		3.71E-01	0.02336	0.000165	0.037697	4.32E-01		0.429496	0.023612	0.000122	0.041585	0.494815
2979	478776.63	3850121.93	12.17826	16.68813	13.04059	19.78168		2.78E-01	0.01778	0.0002	0.06324	0.35914		3.68E-01	0.023513	0.00016	0.039265	4.30E-01		0.425812	0.023766	0.000118	0.043315	0.493012
2980	478826.63	3850121.93	12.07541	16.71586	12.81412	20.23819		2.76E-01	0.01781	0.00019	0.0647	0.35827		3.64E-01	0.023552	0.000157	0.040171	4.28E-01		0.422216	0.023806	0.000116	0.044315	0.490453
2981	478876.63	3850121.93	11.92043	16.64756	12.90291	20.35326		2.72E-01	0.01774	0.00019	0.06507	0.35503		3.60E-01	0.023455	0.000158	0.040399	4.24E-01		0.416797	0.023709	0.000117	0.044567	0.485189
2982	478976.63	3850121.93	11.97411	16.11197	12.87441	19.6908		2.73E-01	0.01716	0.00019	0.06295	0.35357		3.61E-01	0.022701	0.000158	0.039084	4.23E-01		0.418674	0.022946	0.000116	0.043116	0.484853
2983	479026.63	3850121.93	11.99464	15.70904	13.1267	18.85868		2.74E-01	0.01674	0.0002	0.06029	0.35095		3.62E-01	0.022133	0.000161	0.037433	4.22E-01		0.419392	0.022372	0.000119	0.041294	0.483177
2984	479076.63	3850121.93	12.39963	15.83213	13.36555	17.81129		2.83E-01	0.01687	0.0002	0.05694	0.35698		3.74E-01	0.022306	0.000164	0.035354	4.32E-01		0.433552	0.022547	0.000121	0.039001	0.495221
2985	479126.63	3850121.93	12.72596	16.29637	13.57827	17.8871		2.90E-01	0.01736	0.0002	0.05719	0.36517		3.84E-01	0.022961	0.000166	0.035504	4.43E-01		0.444962	0.023208	0.000123	0.039167	0.50746

2986	478776.63	3850171.93	12.18145	16.65722	13.41861	19.11832	2.78E-01	0.01775	0.0002	0.06112	0.35706	3.68E-01	0.023469	0.000164	0.037948	4.29E-01	0.425924	0.023722	0.000121	0.041863	0.49163
2987	478826.63	3850171.93	12.15716	16.79865	13.07048	19.93485	2.77E-01	0.0179	0.0002	0.06373	0.35926	3.67E-01	0.023668	0.00016	0.039569	4.30E-01	0.425074	0.023924	0.000118	0.043651	0.492767
2988	478876.63	3850171.93	12.05863	16.83876	12.69995	20.44775	2.75E-01	0.01794	0.00019	0.06537	0.35869	3.64E-01	0.023725	0.000155	0.040587	4.28E-01	0.421629	0.023981	0.000115	0.044774	0.490499
2989	478976.63	3850171.93	11.83846	16.52142	12.4631	20.57426	2.70E-01	0.0176	0.00019	0.06578	0.35373	3.57E-01	0.023278	0.000153	0.040838	4.22E-01	0.413931	0.023529	0.000113	0.045051	0.482624
2990	479026.63	3850171.93	11.8332	16.20166	12.57858	20.13594	2.70E-01	0.01726	0.00019	0.06438	0.35187	3.57E-01	0.022827	0.000154	0.039968	4.20E-01	0.413747	0.023074	0.000114	0.044091	0.481025
2991	479076.63	3850171.93	11.91975	15.84848	12.95827	19.29373	2.72E-01	0.01688	0.0002	0.06168	0.35078	3.60E-01	0.02233	0.000159	0.038296	4.21E-01	0.416773	0.022571	0.000117	0.042247	0.481708
2992	479126.63	3850171.93	12.30156	15.37674	13.14121	18.18141	2.81E-01	0.01638	0.0002	0.05813	0.35544	3.71E-01	0.021665	0.000161	0.036088	4.29E-01	0.430123	0.021899	0.000119	0.039811	0.491952
2993	479176.63	3850171.93	12.52948	15.09359	13.25951	18.28371	2.86E-01	0.01608	0.0002	0.05845	0.36067	3.78E-01	0.021266	0.000162	0.036291	4.36E-01	0.438093	0.021495	0.00012	0.040035	0.499743
2994	479226.63	3850171.93	12.48902	15.30649	13.537	18.22578	2.85E-01	0.01631	0.0002	0.05827	0.35979	3.77E-01	0.021566	0.000166	0.036176	4.35E-01	0.436678	0.021799	0.000122	0.039908	0.498507
2995	479276.63	3850171.93	12.32125	15.34468	13.59484	17.81336	2.81E-01	0.01635	0.0002	0.05695	0.35468	3.72E-01	0.02162	0.000166	0.035358	4.29E-01	0.430812	0.021853	0.000123	0.039005	0.491793
2996	479326.63	3850171.93	12.39264	15.41316	14.05613	18.066	2.83E-01	0.01642	0.00021	0.05776	0.3572	3.74E-01	0.021716	0.000172	0.035859	4.32E-01	0.433308	0.021951	0.000127	0.039559	0.494944
2997	479376.63	3850171.93	12.82745	15.77506	14.39394	18.37614	2.93E-01	0.01681	0.00022	0.05875	0.3685	3.87E-01	0.022226	0.000176	0.036475	4.46E-01	0.448511	0.022466	0.00013	0.040238	0.511345
2998	478676.63	3850221.93	13.09666	16.97635	14.05509	19.5757	2.99E-01	0.01809	0.00021	0.06258	0.37976	3.95E-01	0.023919	0.000172	0.038856	4.58E-01	0.457924	0.024177	0.000127	0.042864	0.525092
2999	478726.63	3850221.93	12.70845	16.8441	13.86443	19.91004	2.90E-01	0.01794	0.00021	0.06365	0.37182	3.84E-01	0.023732	0.00017	0.039519	4.47E-01	0.44435	0.023988	0.000125	0.043596	0.51206
3000	478976.63	3850221.93	11.61639	16.78576	12.28228	21.01358	2.65E-01	0.01788	0.00019	0.06718	0.35034	3.51E-01	0.02365	0.00015	0.04171	4.16E-01	0.406166	0.023905	0.000111	0.046013	0.476196
3001	479026.63	3850221.93	11.69566	16.57312	12.11384	20.96452	2.67E-01	0.01766	0.00018	0.06702	0.35177	3.53E-01	0.02335	0.000148	0.041612	4.18E-01	0.408938	0.023603	0.00011	0.045905	0.478556
3002	479076.63	3850221.93	11.78491	16.32329	12.41797	20.51285	2.69E-01	0.01739	0.00019	0.06558	0.3521	3.56E-01	0.022998	0.000152	0.040716	4.20E-01	0.412059	0.023247	0.000112	0.044916	0.480334
3003	479126.63	3850221.93	11.84412	15.95309	12.71635	19.74617	2.70E-01	0.017	0.00019	0.06313	0.35061	3.57E-01	0.022477	0.000156	0.039194	4.19E-01	0.414129	0.02272	0.000115	0.043238	0.480201
3004	479176.63	3850221.93	12.1097	15.41538	12.70265	18.7585	2.76E-01	0.01642	0.00019	0.05997	0.35294	3.65E-01	0.021719	0.000155	0.037234	4.25E-01	0.423415	0.021954	0.000115	0.041075	0.486558
3005	479226.63	3850221.93	12.22405	15.11014	12.7664	18.75391	2.79E-01	0.0161	0.00019	0.05996	0.35521	3.69E-01	0.021289	0.000156	0.037225	4.28E-01	0.427413	0.021519	0.000115	0.041065	0.490113
3006	479276.63	3850221.93	12.25457	15.31457	13.11271	18.67342	2.80E-01	0.01632	0.0002	0.0597	0.35587	3.70E-01	0.021577	0.00016	0.037065	4.29E-01	0.42848	0.02181	0.000119	0.040889	0.491298
3007	479326.63	3850221.93	12.44021	15.50069	13.70616	18.04663	2.84E-01	0.01651	0.00021	0.0577	0.35831	3.75E-01	0.021839	0.000168	0.035821	4.33E-01	0.434971	0.022075	0.000124	0.039516	0.496687
3008	479376.63	3850221.93	12.44084	15.53765	14.05992	18.23911	2.84E-01	0.01655	0.00021	0.05831	0.35899	3.75E-01	0.021892	0.000172	0.036203	4.34E-01	0.434993	0.022128	0.000127	0.039938	0.497186
3009	478676.63	3850271.93	13.27054	17.03322	13.84847	19.09777	3.03E-01	0.01815	0.00021	0.06106	0.38226	4.01E-01	0.023999	0.000169	0.037907	4.63E-01	0.464004	0.024258	0.000125	0.041818	0.530204
3010	478726.63	3850271.93	12.99244	17.04842	13.79688	19.84132	2.96E-01	0.01816	0.00021	0.06343	0.3783	3.92E-01	0.02402	0.000169	0.039383	4.56E-01	0.45428	0.024279	0.000125	0.043446	0.52213
3011	478976.63	3850271.93	11.74784	16.95781	12.46938	20.94563	2.68E-01	0.01807	0.00019	0.06696	0.35331	3.55E-01	0.023892	0.000153	0.041575	4.20E-01	0.410763	0.02415	0.000113	0.045864	0.48089
3012	479026.63	3850271.93	11.48172	16.83694	11.98614	21.31253	2.62E-01	0.01794	0.00018	0.06814	0.34828	3.47E-01	0.023722	0.000147	0.042303	4.13E-01	0.401458	0.023978	0.000108	0.046667	0.472212
3013	479076.63	3850271.93	11.61141	16.66173	11.91545	21.29416	2.65E-01	0.01775	0.00018	0.06808	0.35099	3.50E-01	0.023475	0.000146	0.042267	4.16E-01	0.405992	0.023729	0.000108	0.046627	0.476456
3014	479126.63	3850271.93	11.65542	16.37863	12.15411	20.92652	2.66E-01	0.01745	0.00018	0.0669	0.35052	3.52E-01	0.023076	0.000149	0.041537	4.17E-01	0.407531	0.023326	0.00011	0.045822	0.476789
3015	479176.63	3850271.93	11.68429	15.96507	12.33374	20.25116	2.67E-01	0.01701	0.00019	0.06474	0.34858	3.53E-01	0.022494	0.000151	0.040196	4.15E-01	0.408541	0.022737	0.000112	0.044343	0.475732
3016	479226.63	3850271.93	11.93337	15.4398	12.35567	19.29578	2.72E-01	0.01645	0.00019	0.06169	0.35065	3.60E-01	0.021754	0.000151	0.0383	4.20E-01	0.41725	0.021989	0.000112	0.042251	0.481601
3017	479276.63	3850271.93	12.14487	15.17433	12.57078	19.0556	2.77E-01	0.01617	0.00019	0.06092	0.35443	3.67E-01	0.02138	0.000154	0.037823	4.26E-01	0.424645	0.02161	0.000114	0.041725	0.488094
3018	479326.63	3850271.93	12.37029	15.46363	13.20952	18.87832	2.82E-01	0.01647	0.0002	0.06035	0.35933	3.73E-01	0.021787	0.000162	0.037471	4.33E-01	0.432526	0.022022	0.00012	0.041337	0.496006
3019	479376.63	3850271.93	12.58596	15.67577	13.86596	18.25624	2.87E-01	0.0167	0.00021	0.05837	0.3625	3.80E-01	0.022086	0.00017	0.036237	4.38E-01	0.440067	0.022325	0.000125	0.039975	0.502492
3020	479053.24	3850293.52	11.4362	16.82881	11.84961	21.45915	2.61E-01	0.01793	0.00018	0.06861	0.3477	3.45E-01	0.023711	0.000145	0.042594	4.12E-01	0.399866	0.023967	0.000107	0.046988	0.470928
3021	479103.24	3850293.52	11.53973	16.63493	11.75482	21.43787	2.63E-01	0.01772	0.00018	0.06854	0.34978	3.48E-01	0.023438	0.000144	0.042552	4.14E-01	0.403486	0.023691	0.000106	0.046942	0.474225
3022	479153.24	3850293.52	11.60018	16.36559	12.08609	21.04427	2.65E-01	0.01743	0.00018	0.06728	0.34962	3.50E-01	0.023058	0.000148	0.041771	4.15E-01	0.4056	0.023307	0.000109	0.04608	0.475096
3023	479203.24	3850293.52	11.64607	15.92447	12.20564	20.37078	2.66E-01	0.01697	0.00018	0.06513	0.34805	3.51E-01	0.022437	0.000149	0.040434	4.15E-01	0.407204	0.022679	0.00011	0.044605	0.474599
3024	479253.24	3850293.52	11.91823	15.42995	12.29258	19.37298	2.72E-01	0.01644	0.00019	0.06194	0.35054	3.60E-01	0.02174	0.00015	0.038453	4.20E-01	0.41672	0.021975	0.000111	0.04242	0.481226
3025	479303.24	3850293.52	12.21892	15.27176	12.67567	19.12904	2.79E-01	0.01627	0.00019	0.06116	0.35646	3.69E-01	0.021517	0.000155	0.037969	4.28E-01	0.427234	0.021749	0.000115	0.041886	0.490984
3026	479353.24	3850293.52	12.46268	15.57294	13.36482	18.89952	2.84E-01	0.01659	0.0002	0.06042	0.36162	3.76E-01	0.021941	0.000164	0.037514	4.36E-01	0.435757	0.022178	0.000121	0.041384	0.49944
3027	479153.24	3850343.52	11.44251	15.81735	11.56619	21.75924	2.61E-01	0.01685	0.00017	0.06956	0.34772	3.45E-01	0.022286	0.000142	0.04319	4.11E-01	0.400087	0.022526	0.000105	0.047645	0.470363
3028	479203.24	3850343.52	11.45018	15.5659	11.83304	21.44529	2.61E-01	0.01658	0.00018	0.06856	0.34662	3.46E-01	0.021931	0.000145	0.042567	4.10E-01	0.400355	0.022168	0.000107	0.046958	0.469588
3029	479253.24	3850343.52	11.62984	15.21117	12.13904	20.75385	2.65E-01	0.01621	0.00018	0.06635	0.34814	3.51E-01	0.021432	0.000149	0.041194	4.14E-01	0.406637	0.021663	0.00011	0.045444	0.473853
3030	479303.24	3850343.52	12.00424	15.65319	12.40194	19.71563	2.74E-01	0.01668	0.00019	0.06303	0.35384	3.62E-01	0.022054	0.000152	0.039133	4.24E-01	0.419728	0.022292	0.000112	0.043171	0.485303
3031	479353.24	3850343.52	12.34851	15.42846	12.79385	19.27008	2.82E-01	0.01644	0.00019	0.06161	0.36004	3.73E-01	0.021738	0.000157	0.038249	4.33E-01	0.431765	0.021972	0.000116	0.042195	0.496048
3032	479203.24	3850393.52	11.4066	16.03858	11.44153	22.0489	2.60E-01	0.01709	0.00017	0.07049	0.34806	3.44E-01	0.022597	0.00014	0.043765	4.11E-01	0.398831	0.022841	0.000104	0.04828	0.470056
3033	479253.24	3850393.52	11.50133	15.79259	11.81249	21.75335	2.62E-01	0.01682	0.00018	0.06955	0.34902	3.47E-01	0.022251	0.000145	0.043178	4.13E-01	0.402143	0.022491	0.000107	0.047633	0.472374
3034	479303.24	3850393.52	11.67973	15.44253	12.20452	21.08635	2.67E-01	0.01645	0.00018	0.06741	0.35059	3.53E-01	0.021758	0.000149	0.041854	4.16E-01	0.408381	0.021992	0.00011	0.046172	0.476656
3035	479353.24	3850393.52	12.09801	15.87375	12.50045	20.06588	2.76E-01	0.01691	0.00019	0.06415	0.35734	3.65E-01	0.022365	0.000153	0.039829	4.27E-01	0.423006	0.022607	0.000113	0.043938	0.489663
3036	479403.24	3850393.52	12.43355	15.56911	12.84722	19.44335	2.84E-01	0.01659	0.00019	0.06216	0.36268	3.75E-01	0.021936	0.000157	0.038593	4.36E-01	0.434738	0.022173	0.000116	0.042574	0.499602
3037	479453.24	3850393.52	12.74006	15.91208	13.64435	19.26908	2.91E-01	0.01695	0.00021	0.0616	0.3695	3.85E-01	0.022419	0.000167	0.038247	4.45E-01	0.445455	0.022661	0.000123	0.042193	0.510433
3038	479503.24	3850393.52	13.05357	16.16792	14.44513	18.62407	2.98E-01	0.01722	0.00022	0.05954	0.37488	3.94E-01	0.02278	0.000177	0.036967	4.54E-01	0.456417	0.023025	0.000131	0.04078	0.520354
3039	479303.24	3850443.52	11.63566	16.02363	11.92171	22.02111	2.66E-01	0.01707	0.00018	0.0704	0.35319	3.51E-01	0.022576	0.000146	0.04371	4.18E-01	0.40684	0.02282	0.000108	0.048219	0.477987
3040	479353.24	3850443.52	11.83415	15.68059	12.39143	21.36331	2.70E-01	0.01671	0.00019	0.0683	0.35526	3.57E-01	0.022093	0.000152	0.042404	4.22E-01	0.41378	0.022331	0.000112	0.046779	0.483002
3041	479403.24	3850443.52	12.30779	16.20879	12.79459	20.32714	2.81E-01	0.01727	0.00019	0.06499	0.36332	3.71E-01	0.022837	0.000157	0.040347	4.35E-01	0.430341	0.023084	0.000116	0.04451	0.49805
3042	479453.24	3850443.52	12.72202	15.79074	13.17375	19.46886	2.90E-01	0.01682	0.0002	0.06224	0.36959	3.84E-01	0.022248	0.000161	0.038644	4.45E-01	0.444825	0.022488	0.000119	0.04263	0.510063
3043	479503.24	3850443.52	13.09653	16.16865	14.0837	19.2928	2.99E-01	0.01723	0.00021	0.06168	0.37799	3.95E-01	0.022781	0.000172	0.038294	4.57E-01	0.457919	0.023027	0.000127	0.042245	0.523318
3044	480327.18	3850987.04	13.78874	18.36192	15.44368	22.88426	3.15E-01	0.01956	0.00023	0.07316	0.40763	4.16E-01	0.025871	0.000189	0.045423	4.88E-01	0.482123	0.02615	0.00014	0.050109	0.558521
3045	480377.18	3850987.04	13.77681	18.29455	15.72867	22.9634	3.14E-01	0.01949	0.00024	0.07341	0.40754	4.16E-01	0.025776	0.000193	0.04558	4.87E-01	0.481705	0.026054	0.000142	0.050282	0.558184
3046	480427.18	3850987.04	13.72699	18.38681	15.86462	23.74739	3.13E-01	0.01959	0.00024	0.07592	0.40901	4.14E-01	0.025906	0.000194	0.047136	4.88E-01	0.479963	0.026186	0.000144	0.051999	0.558291

3047	480477.18	3850987.04	13.70045	18.29761	15.84405	23.95768		3.13E-01	0.01949	0.00024	0.07659	0.40898		4.13E-01	0.02578	0.000194	0.047553	4.87E-01		0.479035	0.026058	0.000143	0.052459	0.557697
3048	480327.18	3851037.04	13.84003	18.69832	15.29501	23.31519		3.16E-01	0.01992	0.00023	0.07454	0.41053		4.18E-01	0.026345	0.000187	0.046278	4.91E-01		0.483916	0.026629	0.000138	0.051052	0.561736
3049	480377.18	3851037.04	13.93888	18.59758	15.62979	23.15593		3.18E-01	0.01981	0.00024	0.07403	0.41217		4.21E-01	0.026203	0.000191	0.045962	4.93E-01		0.487372	0.026486	0.000141	0.050704	0.564703
3050	480427.18	3851037.04	13.94822	18.53576	15.94112	23.13524		3.18E-01	0.01975	0.00024	0.07396	0.41226		4.21E-01	0.026116	0.000195	0.045921	4.93E-01		0.487699	0.026398	0.000144	0.050658	0.564899
3051	480477.18	3851037.04	13.8727	18.6184	16.06239	23.99129		3.17E-01	0.01983	0.00024	0.0767	0.41336		4.19E-01	0.026232	0.000197	0.04762	4.93E-01		0.485058	0.026515	0.000145	0.052533	0.564252
3052	480622.06	3851087.39	13.95626	18.48332	16.06944	24.4435		3.18E-01	0.01969	0.00024	0.07815	0.41657		4.21E-01	0.026042	0.000197	0.048518	4.96E-01		0.48798	0.026323	0.000145	0.053523	0.567971
3053	480672.06	3851087.39	13.93889	18.02976	16.27133	23.73221		3.18E-01	0.01921	0.00025	0.07587	0.41342		4.21E-01	0.025403	0.000199	0.047106	4.93E-01		0.487372	0.025677	0.000147	0.051966	0.565162
3054	480622.06	3851137.39	13.91207	18.97953	16.33729	24.96282		3.17E-01	0.02022	0.00025	0.07981	0.41776		4.20E-01	0.026741	0.0002	0.049549	4.96E-01		0.486435	0.02703	0.000148	0.05466	0.568272
3055	480672.06	3851137.39	13.99858	18.6875	16.20118	24.82877		3.19E-01	0.01991	0.00024	0.07938	0.41899		4.22E-01	0.02633	0.000198	0.049283	4.98E-01		0.48946	0.026614	0.000147	0.054367	0.570587
3056	480722.06	3851137.39	13.98033	18.21612	16.38822	24.14777		3.19E-01	0.01941	0.00025	0.0772	0.4159		4.22E-01	0.025665	0.000201	0.047931	4.96E-01		0.488821	0.025942	0.000148	0.052876	0.567788
3057	480622.06	3851187.39	14.22033	19.30663	16.60221	24.80996		3.25E-01	0.02057	0.00025	0.07932	0.42466		4.29E-01	0.027202	0.000203	0.049245	5.06E-01		0.497213	0.027495	0.00015	0.054326	0.579184
3058	480672.06	3851187.39	14.00635	19.19409	16.51727	25.31041		3.20E-01	0.02045	0.00025	0.08092	0.42125		4.23E-01	0.027043	0.000202	0.050239	5.00E-01		0.489731	0.027335	0.000149	0.055421	0.572637
3059	480722.06	3851187.39	14.06598	18.87911	16.35203	25.23455		3.21E-01	0.02011	0.00025	0.08068	0.42203		4.25E-01	0.026599	0.0002	0.050088	5.01E-01		0.491816	0.026887	0.000148	0.055255	0.574106
3060	471363.09	3845877.25	3.1715	3.8831	4.16704	2.09221		7.24E-02	0.00414	6.3E-05	0.00669	0.08326		9.57E-02	0.005471	5.1E-05	0.004153	1.05E-01		0.110891	0.00553	3.77E-05	0.004581	0.12104
3061	471863.09	3845877.25	2.91314	3.44843	3.84747	1.95931		6.65E-02	0.00367	5.8E-05	0.00626	0.07648		8.79E-02	0.004859	4.71E-05	0.003889	9.67E-02		0.101858	0.004911	3.48E-05	0.00429	0.111094
3062	472363.09	3845877.25	3.68875	4.51848	4.84321	2.74024		8.42E-02	0.00481	7.3E-05	0.00876	0.09783		1.11E-01	0.006366	5.93E-05	0.005439	1.23E-01		0.128977	0.006435	4.38E-05	0.006	0.141456
3063	472863.09	3845877.25	2.97053	3.64347	3.50367	3.27149		6.78E-02	0.00388	5.3E-05	0.01046	0.08218		8.97E-02	0.005133	4.29E-05	0.006494	1.01E-01		0.103864	0.005189	3.17E-05	0.007163	0.116248
3064	473363.09	3845877.25	3.54151	4.69925	4.51422	3.2833		8.08E-02	0.00501	6.8E-05	0.0105	0.09639		1.07E-01	0.006621	5.53E-05	0.006517	1.20E-01		0.123829	0.006692	4.08E-05	0.007189	0.137751
3065	473863.09	3845877.25	5.26411	7.14912	6.40113	4.73522		1.20E-01	0.00762	9.6E-05	0.01514	0.14298		1.59E-01	0.010073	7.83E-05	0.009399	1.78E-01		0.184059	0.010181	5.79E-05	0.010369	0.204667
3066	474363.09	3845877.25	4.90115	6.09004	6.38356	4.52441		1.12E-01	0.00649	9.6E-05	0.01446	0.1329		1.48E-01	0.00858	7.81E-05	0.00898	1.66E-01		0.171368	0.008673	5.78E-05	0.009907	0.190006
3067	474863.09	3845877.25	5.30747	6.35545	6.98526	3.50535		1.21E-01	0.00677	0.00011	0.01121	0.1392		1.60E-01	0.008954	8.55E-05	0.006958	1.76E-01		0.185575	0.009051	6.32E-05	0.007676	0.202365
3068	475363.09	3845877.25	6.65935	7.96155	8.24611	4.49961		1.52E-01	0.00848	0.00012	0.01439	0.17496		2.01E-01	0.011217	0.000101	0.008931	2.21E-01		0.232844	0.011338	7.46E-05	0.009853	0.254109
3069	475863.09	3845877.25	6.55508	8.4649	8.50125	5.02799		1.50E-01	0.00902	0.00013	0.01607	0.17481		1.98E-01	0.011927	0.000104	0.00998	2.20E-01		0.229198	0.012055	7.69E-05	0.01101	0.25234
3070	476363.09	3845877.25	6.41918	7.57059	8.26141	6.86133		1.46E-01	0.00807	0.00012	0.02194	0.17662		1.94E-01	0.010666	0.000101	0.013619	2.18E-01		0.224446	0.010782	7.47E-05	0.015024	0.250327
3071	476863.09	3845877.25	5.27584	5.29731	7.10685	4.27159		1.20E-01	0.00564	0.00011	0.01366	0.13981		1.59E-01	0.007464	8.7E-05	0.008479	1.75E-01		0.184469	0.007544	6.43E-05	0.009353	0.201431
3072	477363.09	3845877.25	4.02739	4.37411	5.18976	3.31787		9.19E-02	0.00466	7.8E-05	0.01061	0.10725		1.22E-01	0.006163	6.35E-05	0.006586	1.34E-01		0.140817	0.006229	4.7E-05	0.007265	0.154359
3073	477863.09	3845877.25	3.6961	5.06998	5.12124	2.3587		8.43E-02	0.0054	7.7E-05	0.00754	0.09737		1.12E-01	0.007143	6.27E-05	0.004682	1.23E-01		0.129234	0.00722	4.63E-05	0.005165	0.141665
3074	478363.09	3845877.25	4.18279	5.62311	5.34611	3.25453		9.55E-02	0.00599	8.1E-05	0.0104	0.11193		1.26E-01	0.007923	6.54E-05	0.00646	1.41E-01		0.146251	0.008008	4.84E-05	0.007126	0.161434
3075	478863.09	3845877.25	3.72222	5.05527	4.95685	3.66241		8.49E-02	0.00539	7.5E-05	0.01171	0.10211		1.12E-01	0.007123	6.07E-05	0.00727	1.27E-01		0.130147	0.007199	4.48E-05	0.008019	0.145411
3076	479363.09	3845877.25	2.75237	3.99901	3.92952	2.79355		6.28E-02	0.00426	5.9E-05	0.00893	0.07606		8.31E-02	0.005634	4.81E-05	0.005545	9.43E-02		0.096236	0.005695	3.55E-05	0.006117	0.108084
3077	479863.09	3845877.25	1.84193	2.60978	2.4787	1.47243		4.20E-02	0.00278	3.7E-05	0.00471	0.04956		5.56E-02	0.003677	3.03E-05	0.002923	6.22E-02		0.064403	0.003717	2.24E-05	0.003224	0.071366
3078	480363.09	3845877.25	1.65116	1.65705	2.29245	1.65872		3.77E-02	0.00177	3.5E-05	0.0053	0.04478		4.98E-02	0.002335	2.81E-05	0.003292	5.55E-02		0.057733	0.00236	2.07E-05	0.003632	0.063745
3079	480863.09	3845877.25	1.30466	1.84112	1.47023	1.6181		2.98E-02	0.00196	2.2E-05	0.00517	0.03693		3.94E-02	0.002594	1.8E-05	0.003212	4.52E-02		0.045617	0.002622	1.33E-05	0.003543	0.051796
3080	481363.09	3845877.25	1.30085	2.07303	1.46094	1.30868		2.97E-02	0.00221	2.2E-05	0.00418	0.0361		3.93E-02	0.002921	1.79E-05	0.002598	4.48E-02		0.045484	0.002952	1.32E-05	0.002866	0.051315
3081	481863.09	3845877.25	1.57518	1.83281	2.11016	2.26926		3.59E-02	0.00195	3.2E-05	0.00725	0.04519		4.75E-02	0.002582	2.58E-05	0.004504	5.47E-02		0.055076	0.00261	1.91E-05	0.004969	0.062674
3082	482363.09	3845877.25	1.57798	1.37179	2.11161	2.74772		3.60E-02	0.00146	3.2E-05	0.00878	0.04629		4.76E-02	0.001933	2.58E-05	0.005454	5.50E-02		0.055174	0.001954	1.91E-05	0.006017	0.063163
3083	482863.09	3845877.25	1.35163	3.48983	1.60612	2.60941		3.08E-02	0.00372	2.4E-05	0.00834	0.04293		4.08E-02	0.004917	1.97E-05	0.005179	5.09E-02		0.04726	0.00497	1.45E-05	0.005714	0.057958
3084	483363.09	3845877.25	2.06241	4.82128	2.17985	2.0645		4.71E-02	0.00514	3.3E-05	0.0066	0.05884		6.22E-02	0.006793	2.67E-05	0.004098	7.32E-02		0.072112	0.006866	1.97E-05	0.004521	0.083519
3085	483863.09	3845877.25	2.42676	1.27529	3.35517	3.02686		5.54E-02	0.00136	5.1E-05	0.00968	0.06647		7.32E-02	0.001797	4.11E-05	0.006008	8.11E-02		0.084852	0.001816	3.04E-05	0.006628	0.093326
3086	484363.09	3845877.25	2.44984	1.44905	3.41129	3.64357		5.59E-02	0.00154	5.1E-05	0.01165	0.06915		7.39E-02	0.002042	4.18E-05	0.007232	8.33E-02		0.085659	0.002064	3.09E-05	0.007978	0.095731
3087	484863.09	3845877.25	2.4167	2.1986	3.34018	3.53548		5.52E-02	0.00234	5E-05	0.0113	0.06885		7.29E-02	0.003098	4.09E-05	0.007018	8.31E-02		0.0845	0.003131	3.02E-05	0.007742	0.095403
3088	485363.09	3845877.25	2.18768	3.25201	2.62592	3.40469		4.99E-02	0.00346	4E-05	0.01088	0.06431		6.60E-02	0.004582	3.21E-05	0.006758	7.74E-02		0.076492	0.004631	2.38E-05	0.007455	0.088602
3089	485863.09	3845877.25	1.54633	5.02088	1.31686	3.18029		3.53E-02	0.00535	2E-05	0.01017	0.05082		4.67E-02	0.007074	1.61E-05	0.006313	6.01E-02		0.054067	0.00715	1.19E-05	0.006964	0.068193
3090	486363.09	3845877.25	0.89193	1.71175	1.22534	2.16947		2.04E-02	0.00182	1.8E-05	0.00694	0.02913		2.69E-02	0.002412	1.5E-05	0.004306	3.37E-02		0.031186	0.002438	1.11E-05	0.00475	0.038386
3091	486863.09	3845877.25	0.87546	1.27654	1.22094	1.53742		2.00E-02	0.00136	1.8E-05	0.00492	0.02627		2.64E-02	0.001799	1.49E-05	0.003052	3.13E-02		0.03061	0.001818	1.1E-05	0.003366	0.035806
3092	487363.09	3845877.25	0.84373	1.31717	1.13327	1.28754		1.93E-02	0.0014	1.7E-05	0.00412	0.02479		2.55E-02	0.001856	1.39E-05	0.002556	2.99E-02		0.029501	0.001876	1.03E-05	0.002819	0.034206
3093	487863.09	3845877.25	0.66389	2.22074	0.7381	1.0873		1.52E-02	0.00237	1.1E-05	0.00348	0.021		2.00E-02	0.003129	9.03E-06	0.002158	2.53E-02		0.023213	0.003163	6.68E-06	0.002381	0.028763
3094	488363.09	3845877.25	0.5588	1.23091	0.77661	1.01032		1.28E-02	0.00131	1.2E-05	0.00323	0.01731		1.69E-02	0.001734	9.51E-06	0.002005	2.06E-02		0.019538	0.001753	7.03E-06	0.002212	0.023511
3095	488863.09	3845877.25	0.55774	0.74397	0.77666	0.82126		1.27E-02	0.00079	1.2E-05	0.00263	0.01616		1.68E-02	0.001048	9.51E-06	0.00163	1.95E-02		0.019501	0.00106	7.03E-06	0.001798	0.022366
3096	489363.09	3845877.25	0.5503	0.953	0.76491	0.80349		1.26E-02	0.00102	1.2E-05	0.00257	0.01615		1.66E-02	0.001343	9.36E-06	0.001595	1.96E-02		0.019241	0.001357	6.92E-06	0.001759	0.022365
3097	489863.09	3845877.25	0.51912	0.9255	0.69111	0.78267		1.18E-02	0.00099	1E-05	0.0025	0.01535		1.57E-02	0.001304	8.46E-06	0.001554	1.85E-02		0.018151	0.001318	6.25E-06	0.001714	0.021189
3098	490363.09	3845877.25	0.52642	0.99108	0.62602	0.75945		1.20E-02	0.00106	9.4E-06	0.00243	0.01551		1.59E-02	0.001396	7.66E-06	0.001507	1.88E-02		0.018406	0.001411	5.66E-06	0.001663	0.021486
3099	490863.09	3845877.25	0.83184	2.53877	0.68724	0.71097		1.90E-02	0.0027	1E-05	0.00227	0.02397		2.51E-02	0.003577	8.41E-06	0.001411	3.01E-02		0.029085	0.003616	6.22E-06	0.001557	0.034264
3100	491363.09	3845877.25	1.19359	3.82934	0.89162	0.77763		2.72E-02	0.00408	1.3E-05	0.00249	0.03382		3.60E-02	0.005395	1.09E-05	0.001544	4.30E-02		0.041734	0.005454	8.07E-06	0.001703	0.048898
3101	491863.09	3845877.25	1.43054	3.16461	1.63416	0.86661		3.26E-02	0.00337	2.5E-05	0.00277	0.03881		4.32E-02	0.004459	2E-05	0.00172	4.94E-02		0.050019	0.004507	1.48E-05	0.001898	0.056438
3102	492363.09	3845877.25	1.51636	1.50188	2.02476	1.78765		3.46E-02	0.0016	3.1E-05	0.00572	0.04195		4.58E-02	0.002116	2.48E-05	0.003548	5.15E-02		0.053019	0.002139	1.83E-05	0.003914	0.059091
3103	492863.09	3845877.25	1.53007	0.56908	2.11627	2.35757		3.49E-02	0.00061	3.2E-05	0.00754	0.04309		4.62E-02	0.000802	2.59E-05	0.00468	5.17E-02		0.053499	0.00081	1.91E-05	0.005162	0.059491
3104	493363.09	3845877.25	1.52587	0.83627	2.11982	2.50206		3.48E-02	0.00089	3.2E-05	0.008	0.04374		4.61E-02	0.001178	2.59E-05	0.004966	5.22E-02		0.053352	0.001191	1.92E-05	0.005479	0.060041
3105	493863.09	3845877.25	1.51807	0.93517	2.11089	2.4855		3.46E-02	0.001	3.2E-05	0.00795	0.04362		4.58E-02	0.001318	2.58E-05	0.004933	5.21E-02		0.053079	0.001332	1.91E-05	0.005442	0.059873
3106	494363.09	3845877.25	1.50073	0.72466	2.09106	2.44103		3.42E-02	0.00077	3.2E-05	0.0078	0.04286		4.53E-02	0.001021	2.56E-05	0.004845	5.12E-02		0.052473	0.001032	1.89E-05	0.005345	0.058869
3107	494863.09	3845877.25	1.44703	0.91442	2.00069	2.39376		3.30E-02	0.00097	3E-05	0.00765	0.04168		4.37E-02	0.001288	2.45E-05	0.004751	4.97E-02		0.050595	0.001302	1.81E-05	0.005242	0.057157

3108	495363.09	3845877.25	1.32312	2.20213	1.70523	2.34607	3.02E-02	0.00235	2.6E-05	0.0075	0.04007	3.99E-02	0.003103	2.09E-05	0.004657	4.77E-02	0.046263	0.003136	1.54E-05	0.005137	0.054552
3109	495863.09	3845877.25	1.13451	3.48083	1.1909	2.29289	2.59E-02	0.00371	1.8E-05	0.00733	0.03695	3.42E-02	0.004904	1.46E-05	0.004551	4.37E-02	0.039668	0.004957	1.08E-05	0.005021	0.049657
3110	496363.09	3845877.25	0.92163	3.43831	0.68809	2.19451	2.10E-02	0.00366	1E-05	0.00702	0.03172	2.78E-02	0.004844	8.42E-06	0.004356	3.70E-02	0.032225	0.004897	6.22E-06	0.004805	0.041933
3111	496863.09	3845877.25	0.71213	2.20278	0.78801	1.9243	1.63E-02	0.00235	1.2E-05	0.00615	0.02476	2.15E-02	0.003104	9.64E-06	0.00382	2.84E-02	0.0249	0.003137	7.13E-06	0.004214	0.032257
3112	497363.09	3845877.25	0.74827	0.94771	0.97654	1.37498	1.71E-02	0.00101	1.5E-05	0.0044	0.0225	2.26E-02	0.001335	1.2E-05	0.002729	2.67E-02	0.026163	0.00135	8.83E-06	0.003011	0.030532
3113	497863.09	3845877.25	0.75654	0.70143	1.04134	0.93936	1.73E-02	0.00075	1.6E-05	0.003	0.02103	2.28E-02	0.000988	1.27E-05	0.001865	2.57E-02	0.026452	0.000999	9.42E-06	0.002057	0.029518
3114	498363.09	3845877.25	0.75626	0.61401	1.05326	1.06444	1.73E-02	0.00065	1.6E-05	0.0034	0.02133	2.28E-02	0.000865	1.29E-05	0.002113	2.58E-02	0.026443	0.000874	9.53E-06	0.002331	0.029657
3115	471363.09	3846377.25	5.62765	6.97434	5.88774	6.05638	1.28E-01	0.00743	8.9E-05	0.01936	0.15531	1.70E-01	0.009826	7.21E-05	0.012021	1.92E-01	0.19677	0.009932	5.33E-05	0.013261	0.220018
3116	471863.09	3846377.25	6.5017	8.16064	8.08918	5.44005	1.48E-01	0.00869	0.00012	0.01739	0.17458	1.96E-01	0.011498	9.9E-05	0.010798	2.19E-01	0.227332	0.011622	7.32E-05	0.011912	0.250939
3117	472363.09	3846377.25	3.33013	4.11116	4.44985	2.18322	7.60E-02	0.00438	6.7E-05	0.00698	0.08742	1.01E-01	0.005792	5.45E-05	0.004333	1.11E-01	0.116438	0.005855	4.03E-05	0.004781	0.127113
3118	472863.09	3846377.25	3.58013	4.38523	4.72132	2.60614	8.17E-02	0.00467	7.1E-05	0.00833	0.09478	1.08E-01	0.006179	5.78E-05	0.005173	1.19E-01	0.125179	0.006245	4.27E-05	0.005707	0.137174
3119	473363.09	3846377.25	3.72748	4.554	4.95772	3.28434	8.51E-02	0.00485	7.5E-05	0.0105	0.10049	1.12E-01	0.006416	6.07E-05	0.006519	1.25E-01	0.130331	0.006486	4.49E-05	0.007192	0.144053
3120	473863.09	3846377.25	4.87928	6.31806	5.70177	3.45027	1.11E-01	0.00673	8.6E-05	0.01103	0.1292	1.47E-01	0.008902	6.98E-05	0.006848	1.63E-01	0.170604	0.008998	5.16E-05	0.007555	0.187208
3121	474363.09	3846377.25	6.51338	8.85532	7.53504	5.98251	1.49E-01	0.00943	0.00011	0.01913	0.17731	1.97E-01	0.012477	9.22E-05	0.011875	2.21E-01	0.22774	0.012611	6.82E-05	0.0131	0.253519
3122	474863.09	3846377.25	6.35668	7.81089	8.01753	6.09557	1.45E-01	0.00832	0.00012	0.01949	0.17299	1.92E-01	0.011005	9.81E-05	0.012099	2.15E-01	0.222261	0.011124	7.25E-05	0.013347	0.246805
3123	475363.09	3846377.25	6.56502	7.70029	8.5521	4.60615	1.50E-01	0.0082	0.00013	0.01473	0.17288	1.98E-01	0.010849	0.000105	0.009143	2.18E-01	0.229546	0.010966	7.74E-05	0.010086	0.250675
3124	475863.09	3846377.25	7.62544	9.15909	9.35969	5.46632	1.74E-01	0.00976	0.00014	0.01748	0.20139	2.30E-01	0.012905	0.000115	0.01085	2.54E-01	0.266623	0.013044	8.47E-05	0.011969	0.291721
3125	476363.09	3846377.25	7.08495	9.20021	9.19526	5.62242	1.62E-01	0.0098	0.00014	0.01798	0.1896	2.14E-01	0.012963	0.000113	0.01116	2.38E-01	0.247725	0.013102	8.32E-05	0.012311	0.273222
3126	476863.09	3846377.25	7.08678	7.84744	9.24339	7.26653	1.62E-01	0.00836	0.00014	0.02323	0.19346	2.14E-01	0.011057	0.000113	0.014423	2.39E-01	0.247789	0.011176	8.36E-05	0.015911	0.27496
3127	477363.09	3846377.25	5.73972	5.49575	7.63327	4.43195	1.31E-01	0.00585	0.00012	0.01417	0.15112	1.73E-01	0.007743	9.34E-05	0.008797	1.90E-01	0.200689	0.007827	6.91E-05	0.009704	0.218289
3128	477863.09	3846377.25	3.88225	4.77435	5.12928	3.28277	8.86E-02	0.00509	7.7E-05	0.0105	0.10425	1.17E-01	0.006727	6.28E-05	0.006516	1.30E-01	0.135743	0.006799	4.64E-05	0.007188	0.149777
3129	478363.09	3846377.25	4.12374	5.50927	5.74444	2.34553	9.41E-02	0.00587	8.7E-05	0.0075	0.10756	1.24E-01	0.007762	7.03E-05	0.004656	1.37E-01	0.144186	0.007846	5.2E-05	0.005136	0.15722
3130	478863.09	3846377.25	4.37517	5.61102	5.66993	3.60151	9.98E-02	0.00598	8.5E-05	0.01151	0.11742	1.32E-01	0.007906	6.94E-05	0.007149	1.47E-01	0.152978	0.007991	5.13E-05	0.007886	0.168906
3131	479363.09	3846377.25	3.66073	4.8204	4.61601	3.58627	8.35E-02	0.00514	7E-05	0.01147	0.10021	1.10E-01	0.006792	5.65E-05	0.007118	1.24E-01	0.127997	0.006865	4.18E-05	0.007853	0.142757
3132	479863.09	3846377.25	2.70195	3.64621	3.76492	2.4005	6.17E-02	0.00388	5.7E-05	0.00767	0.07328	8.15E-02	0.005137	4.61E-05	0.004765	9.15E-02	0.094474	0.005193	3.41E-05	0.005256	0.104957
3133	480363.09	3846377.25	1.99836	3.03779	2.78385	1.67862	4.56E-02	0.00324	4.2E-05	0.00537	0.05425	6.03E-02	0.00428	3.41E-05	0.003332	6.80E-02	0.069873	0.004326	2.52E-05	0.003676	0.0779
3134	480863.09	3846377.25	1.66806	2.238	2.23892	1.72391	3.81E-02	0.00238	3.4E-05	0.00551	0.046	5.03E-02	0.003153	2.74E-05	0.003422	5.69E-02	0.058324	0.003187	2.03E-05	0.003775	0.065306
3135	481363.09	3846377.25	1.62629	3.56149	1.55017	1.52755	3.71E-02	0.00379	2.3E-05	0.00488	0.04581	4.91E-02	0.005018	1.9E-05	0.003032	5.72E-02	0.056863	0.005072	1.4E-05	0.003345	0.065294
3136	481863.09	3846377.25	1.53527	1.92138	1.994	1.95052	3.50E-02	0.00205	3E-05	0.00624	0.04335	4.63E-02	0.002707	2.44E-05	0.003872	5.29E-02	0.053681	0.002736	1.8E-05	0.004271	0.060706
3137	482363.09	3846377.25	1.6288	1.83629	2.21573	2.69766	3.72E-02	0.00196	3.3E-05	0.00862	0.04778	4.92E-02	0.002587	2.71E-05	0.005355	5.71E-02	0.056951	0.002615	2E-05	0.005907	0.065493
3138	482863.09	3846377.25	1.47288	2.93984	1.84975	2.72416	3.36E-02	0.00313	2.8E-05	0.00871	0.04548	4.45E-02	0.004142	2.26E-05	0.005407	5.40E-02	0.051499	0.004187	1.67E-05	0.005965	0.061668
3139	483363.09	3846377.25	1.99368	5.27054	1.9255	2.31376	4.55E-02	0.00561	2.9E-05	0.0074	0.05854	6.02E-02	0.007426	2.36E-05	0.004593	7.22E-02	0.069709	0.007506	1.74E-05	0.005066	0.082299
3140	483863.09	3846377.25	2.43245	1.59762	3.34831	2.8302	5.55E-02	0.0017	5E-05	0.00905	0.06631	7.34E-02	0.002251	4.1E-05	0.005618	8.13E-02	0.08505	0.002275	3.03E-05	0.006197	0.093553
3141	484363.09	3846377.25	2.46667	1.50268	3.43462	3.64999	5.63E-02	0.0016	5.2E-05	0.01167	0.06961	7.44E-02	0.002117	4.2E-05	0.007245	8.39E-02	0.086247	0.00214	3.11E-05	0.007992	0.09641
3142	484863.09	3846377.25	2.44231	2.32166	3.3879	3.55136	5.57E-02	0.00247	5.1E-05	0.01135	0.06961	7.37E-02	0.003271	4.15E-05	0.007049	8.41E-02	0.085395	0.003306	3.06E-05	0.007776	0.096509
3143	485363.09	3846377.25	2.26107	2.75951	2.81895	3.42154	5.16E-02	0.00294	4.2E-05	0.01094	0.06552	6.82E-02	0.003888	3.45E-05	0.006791	7.90E-02	0.079058	0.00393	2.55E-05	0.007492	0.090506
3144	485863.09	3846377.25	1.65217	5.30845	1.33811	3.23671	3.77E-02	0.00566	2E-05	0.01035	0.05373	4.99E-02	0.007479	1.64E-05	0.006425	6.38E-02	0.057768	0.00756	1.21E-05	0.007087	0.072427
3145	486363.09	3846377.25	0.91841	2.07032	1.22962	2.38045	2.10E-02	0.00221	1.9E-05	0.00761	0.03079	2.77E-02	0.002917	1.5E-05	0.004725	3.54E-02	0.032112	0.002948	1.11E-05	0.005212	0.040284
3146	486863.09	3846377.25	0.87851	1.30901	1.22511	1.54449	2.00E-02	0.00139	1.8E-05	0.00494	0.0264	2.65E-02	0.001844	1.5E-05	0.003066	3.14E-02	0.030717	0.001864	1.11E-05	0.003382	0.035974
3147	487363.09	3846377.25	0.84286	1.35594	1.12338	1.29834	1.92E-02	0.00144	1.7E-05	0.00415	0.02485	2.54E-02	0.00191	1.37E-05	0.002577	2.99E-02	0.029471	0.001931	1.02E-05	0.002843	0.034255
3148	487863.09	3846377.25	0.6494	2.33142	0.7667	1.08473	1.48E-02	0.00248	1.2E-05	0.00347	0.02078	1.96E-02	0.003285	9.38E-06	0.002153	2.50E-02	0.022706	0.00332	6.94E-06	0.002375	0.028409
3149	488363.09	3846377.25	0.56153	1.08238	0.78134	1.00139	1.28E-02	0.00115	1.2E-05	0.0032	0.01718	1.69E-02	0.001525	9.56E-06	0.001988	2.05E-02	0.019634	0.001541	7.07E-06	0.002193	0.023375
3150	488863.09	3846377.25	0.5593	0.95246	0.77884	0.8171	1.28E-02	0.00101	1.2E-05	0.00261	0.0164	1.69E-02	0.001342	9.53E-06	0.001622	1.99E-02	0.019556	0.001356	7.05E-06	0.001789	0.022709
3151	489363.09	3846377.25	0.54819	1.0314	0.75907	0.8248	1.25E-02	0.0011	1.1E-05	0.00264	0.01626	1.65E-02	0.001453	9.29E-06	0.001637	1.96E-02	0.019167	0.001469	6.87E-06	0.001806	0.022449
3152	489863.09	3846377.25	0.50536	0.87752	0.65006	0.77623	1.15E-02	0.00093	9.8E-06	0.00248	0.01496	1.53E-02	0.001236	7.96E-06	0.001541	1.80E-02	0.01767	0.00125	5.88E-06	0.0017	0.020625
3153	490363.09	3846377.25	0.75319	2.10965	0.6788	0.7508	1.72E-02	0.00225	1E-05	0.0024	0.02185	2.27E-02	0.002972	8.31E-06	0.00149	2.72E-02	0.026335	0.003004	6.14E-06	0.001644	0.03099
3154	490863.09	3846377.25	1.1362	3.8076	0.71784	0.76498	2.59E-02	0.00406	1.1E-05	0.00245	0.03244	3.43E-02	0.005365	8.79E-06	0.001518	4.12E-02	0.039727	0.005423	6.49E-06	0.001675	0.046831
3155	491363.09	3846377.25	1.41613	3.5626	1.52026	0.78633	3.23E-02	0.0038	2.3E-05	0.00251	0.03865	4.27E-02	0.005019	1.86E-05	0.001561	4.93E-02	0.049515	0.005074	1.38E-05	0.001722	0.056324
3156	491863.09	3846377.25	1.52515	1.81903	2.00727	1.61064	3.48E-02	0.00194	3E-05	0.00515	0.04192	4.60E-02	0.002563	2.46E-05	0.003197	5.18E-02	0.053327	0.002591	1.82E-05	0.003527	0.059462
3157	492363.09	3846377.25	1.54433	0.59982	2.13202	2.3003	3.52E-02	0.00064	3.2E-05	0.00735	0.04327	4.66E-02	0.000845	2.61E-05	0.004566	5.20E-02	0.053997	0.000854	1.93E-05	0.005037	0.059908
3158	492863.09	3846377.25	1.54069	0.71788	2.13982	2.50152	3.52E-02	0.00076	3.2E-05	0.008	0.04395	4.65E-02	0.001011	2.62E-05	0.004965	5.25E-02	0.05387	0.001022	1.94E-05	0.005477	0.060389
3159	493363.09	3846377.25	1.53357	0.96223	2.13144	2.49521	3.50E-02	0.00103	3.2E-05	0.00798	0.04403	4.63E-02	0.001356	2.61E-05	0.004953	5.26E-02	0.053621	0.00137	1.93E-05	0.005464	0.060475
3160	493863.09	3846377.25	1.52086	0.86216	2.11746	2.45125	3.47E-02	0.00092	3.2E-05	0.00784	0.04349	4.59E-02	0.001215	2.59E-05	0.004865	5.20E-02	0.053177	0.001228	1.92E-05	0.005367	0.059791
3161	494363.09	3846377.25	1.48062	0.86852	2.05818	2.40411	3.38E-02	0.00093	3.1E-05	0.00769	0.04243	4.47E-02	0.001224	2.52E-05	0.004772	5.07E-02	0.05177	0.001237	1.86E-05	0.005264	0.05829
3162	494863.09	3846377.25	1.37352	1.84054	1.82114	2.35667	3.13E-02	0.00196	2.7E-05	0.00753	0.04087	4.15E-02	0.002593	2.23E-05	0.004678	4.87E-02	0.048025	0.002621	1.65E-05	0.00516	0.055823
3163	495363.09	3846377.25	1.19175	3.35751	1.32659	2.30695	2.72E-02	0.00358	2E-05	0.00738	0.03817	3.60E-02	0.004731	1.62E-05	0.004579	4.53E-02	0.041669	0.004782	1.2E-05	0.005051	0.051515
3164	495863.09	3846377.25	0.97726	3.6823	0.78361	2.2305	2.23E-02	0.00392	1.2E-05	0.00713	0.03337	2.95E-02	0.005188	9.59E-06	0.004427	3.91E-02	0.03417	0.005244	7.09E-06	0.004884	0.044305
3165	496363.09	3846377.25	0.76194	2.53337	0.88219	2.02045	1.74E-02	0.0027	1.3E-05	0.00646	0.02656	2.30E-02	0.003569	1.08E-05	0.00401	3.06E-02	0.026641	0.003608	7.98E-06	0.004424	0.034681
3166	496863.09	3846377.25	0.75937	1.13619	1.02098	1.52623	1.73E-02	0.00121	1.5E-05	0.00488	0.02343	2.29E-02	0.001601	1.25E-05	0.003029	2.76E-02	0.026551	0.001618	9.24E-06	0.003342	0.031521
3167	497363.09	3846377.25	0.76219	0.63947	1.05707	1.0058	1.74E-02	0.00068	1.6E-05	0.00322	0.02131	2.30E-02	0.000901	1.29E-05	0.001996	2.59E-02	0.02665	0.000911	9.56E-06	0.002202	0.029773
3168	497863.09	3846377.25	0.7607	0.90761	1.06076	1.08478	1.74E-02	0.00097	1.6E-05	0.00347	0.02181	2.30E-02	0.001279	1.3E-05	0.002153	2.64E-02	0.026598	0.001293	9.6E-06	0.002375	0.030275

3169	498363.09	3846377.25	0.75867	0.93536	1.05867	1.09115		1.73E-02	0.001	1.6E-05	0.00349	0.02181		2.29E-02	0.001318	1.3E-05	0.002166	2.64E-02		0.026527	0.001332	9.58E-06	0.002389	0.030258
3170	471363.09	3846877.25	6.32877	8.38733	7.3135	8.40378		1.44E-01	0.00894	0.00011	0.02687	0.18034		1.91E-01	0.011817	8.95E-05	0.016681	2.20E-01		0.221285	0.011945	6.62E-05	0.018401	0.251698
3171	471863.09	3846877.25	5.99822	8.01926	6.8591	6.67548		1.37E-01	0.00854	0.0001	0.02134	0.16687		1.81E-01	0.011299	8.39E-05	0.01325	2.06E-01		0.209727	0.011421	6.21E-05	0.014617	0.235827
3172	472363.09	3846877.25	7.018	8.81795	8.24554	7.11843		1.60E-01	0.00939	0.00012	0.02276	0.19243		2.12E-01	0.012424	0.000101	0.014129	2.38E-01		0.245384	0.012558	7.46E-05	0.015587	0.273604
3173	472863.09	3846877.25	3.34851	4.23914	4.32211	2.30192		7.64E-02	0.00452	6.5E-05	0.00736	0.08836		1.01E-01	0.005973	5.29E-05	0.004569	1.12E-01		0.11708	0.006037	3.91E-05	0.00504	0.128197
3174	473363.09	3846877.25	4.3192	5.48699	5.53975	3.00382		9.86E-02	0.00585	8.3E-05	0.0096	0.1141		1.30E-01	0.007731	6.78E-05	0.005962	1.44E-01		0.151021	0.007814	5.01E-05	0.006577	0.165462
3175	473863.09	3846877.25	5.44615	6.86105	6.94538	3.9288		1.24E-01	0.00731	0.0001	0.01256	0.14426		1.64E-01	0.009667	8.5E-05	0.007798	1.82E-01		0.190424	0.009771	6.28E-05	0.008603	0.208861
3176	474363.09	3846877.25	5.58215	7.14043	6.43084	4.19217		1.27E-01	0.00761	9.7E-05	0.0134	0.1485		1.68E-01	0.01006	7.87E-05	0.008321	1.87E-01		0.19518	0.010169	5.82E-05	0.009179	0.214586
3177	474863.09	3846877.25	7.13599	9.68849	8.51833	6.39431		1.63E-01	0.01032	0.00013	0.02044	0.19374		2.15E-01	0.01365	0.000104	0.012692	2.42E-01		0.249509	0.013798	7.71E-05	0.014001	0.277386
3178	475363.09	3846877.25	6.66188	8.78002	8.17472	6.69829		1.52E-01	0.00935	0.00012	0.02141	0.18292		2.01E-01	0.01237	0.0001	0.013295	2.27E-01		0.232932	0.012504	7.4E-05	0.014667	0.260177
3179	475863.09	3846877.25	7.48159	8.81416	9.68187	5.31186		1.71E-01	0.00939	0.00015	0.01698	0.19725		2.26E-01	0.012419	0.000118	0.010543	2.49E-01		0.261593	0.012553	8.76E-05	0.011631	0.285865
3180	476363.09	3846877.25	8.21816	9.86654	10.0965	5.8342		1.88E-01	0.01051	0.00015	0.01865	0.21686		2.48E-01	0.013901	0.000124	0.01158	2.74E-01		0.287347	0.014051	9.13E-05	0.012775	0.314265
3181	476863.09	3846877.25	7.62949	9.94576	9.88281	6.25094		1.74E-01	0.0106	0.00015	0.01998	0.20484		2.30E-01	0.014013	0.000121	0.012407	2.57E-01		0.266765	0.014164	8.94E-05	0.013687	0.294706
3182	477363.09	3846877.25	7.86715	8.20912	10.33123	7.75612		1.80E-01	0.00875	0.00016	0.0248	0.21323		2.37E-01	0.011566	0.000126	0.015395	2.65E-01		0.275074	0.011691	9.35E-05	0.016983	0.303842
3183	477863.09	3846877.25	5.84713	5.48142	7.74822	4.25395		1.33E-01	0.00584	0.00012	0.0136	0.15299		1.76E-01	0.007723	9.48E-05	0.008444	1.93E-01		0.204445	0.007806	7.01E-05	0.009315	0.221636
3184	478363.09	3846877.25	4.37736	5.04321	5.43703	3.34027		9.99E-02	0.00537	8.2E-05	0.01068	0.11603		1.32E-01	0.007106	6.65E-05	0.00663	1.46E-01		0.153054	0.007182	4.92E-05	0.007314	0.1676
3185	478863.09	3846877.25	4.99452	5.82051	6.76259	2.83091		1.14E-01	0.0062	0.0001	0.00905	0.12933		1.51E-01	0.008201	8.28E-05	0.005619	1.65E-01		0.174633	0.008289	6.12E-05	0.006199	0.189182
3186	479363.09	3846877.25	4.44155	5.47874	5.76759	3.8555		1.01E-01	0.00584	8.7E-05	0.01233	0.11961		1.34E-01	0.007719	7.06E-05	0.007653	1.49E-01		0.155299	0.007803	5.22E-05	0.008442	0.171596
3187	479863.09	3846877.25	3.16682	4.54555	3.96035	3.36544		7.23E-02	0.00484	6E-05	0.01076	0.08793		9.56E-02	0.006404	4.85E-05	0.00668	1.09E-01		0.110728	0.006474	3.58E-05	0.007369	0.124606
3188	480363.09	3846877.25	1.67493	1.94859	2.28467	1.96103		3.82E-02	0.00208	3.4E-05	0.00627	0.0466		5.06E-02	0.002745	2.8E-05	0.003892	5.72E-02		0.058564	0.002775	2.07E-05	0.004294	0.065654
3189	480863.09	3846877.25	1.5695	1.61925	2.18788	1.73846		3.58E-02	0.00173	3.3E-05	0.00556	0.04313		4.74E-02	0.002281	2.68E-05	0.003451	5.31E-02		0.054877	0.002306	1.98E-05	0.003807	0.06101
3190	481363.09	3846877.25	1.44742	3.50182	1.68317	1.70865		3.30E-02	0.00373	2.5E-05	0.00546	0.04225		4.37E-02	0.004934	2.06E-05	0.003391	5.20E-02		0.050609	0.004987	1.52E-05	0.003741	0.059353
3191	481863.09	3846877.25	1.73574	2.18777	2.08701	1.5508		3.96E-02	0.00233	3.1E-05	0.00496	0.04693		5.24E-02	0.003082	2.55E-05	0.003078	5.86E-02		0.06069	0.003116	1.89E-05	0.003396	0.06722
3192	482363.09	3846877.25	1.65196	2.18931	2.25587	2.56477		3.77E-02	0.00233	3.4E-05	0.0082	0.04827		4.99E-02	0.003085	2.76E-05	0.005091	5.81E-02		0.057761	0.003118	2.04E-05	0.005616	0.066515
3193	482863.09	3846877.25	1.57345	2.34056	2.06065	2.7928		3.59E-02	0.00249	3.1E-05	0.00893	0.04736		4.75E-02	0.003298	2.52E-05	0.005543	5.64E-02		0.055016	0.003333	1.86E-05	0.006115	0.064483
3194	483363.09	3846877.25	1.91086	5.63275	1.77586	2.51665		4.36E-02	0.006	2.7E-05	0.00805	0.05768		5.77E-02	0.007936	2.17E-05	0.004995	7.06E-02		0.066813	0.008022	1.61E-05	0.005511	0.080362
3195	483863.09	3846877.25	2.43487	2.0177	3.32933	2.58753		5.56E-02	0.00215	5E-05	0.00827	0.06604		7.35E-02	0.002843	4.07E-05	0.005136	8.15E-02		0.085135	0.002873	3.01E-05	0.005666	0.093705
3196	484363.09	3846877.25	2.48343	1.88053	3.45785	3.6537		5.67E-02	0.002	5.2E-05	0.01168	0.07041		7.50E-02	0.00265	4.23E-05	0.007252	8.49E-02		0.086833	0.002678	3.13E-05	0.008	0.097543
3197	484863.09	3846877.25	2.46478	2.43239	3.42582	3.56733		5.62E-02	0.00259	5.2E-05	0.0114	0.0703		7.44E-02	0.003427	4.19E-05	0.007081	8.49E-02		0.086181	0.003464	3.1E-05	0.007811	0.097487
3198	485363.09	3846877.25	2.32702	2.23391	2.99656	3.43819		5.31E-02	0.00238	4.5E-05	0.01099	0.06652		7.02E-02	0.003147	3.67E-05	0.006824	8.02E-02		0.081364	0.003181	2.71E-05	0.007528	0.092101
3199	485863.09	3846877.25	1.76023	5.49569	1.45218	3.27803		4.02E-02	0.00585	2.2E-05	0.01048	0.05653		5.31E-02	0.007743	1.78E-05	0.006507	6.74E-02		0.061546	0.007827	1.31E-05	0.007178	0.076564
3200	486363.09	3846877.25	0.99847	2.49412	1.23393	2.58005		2.28E-02	0.00266	1.9E-05	0.00825	0.03371		3.01E-02	0.003514	1.51E-05	0.005121	3.88E-02		0.034911	0.003552	1.12E-05	0.005649	0.044124
3201	486863.09	3846877.25	0.88157	1.34762	1.2293	1.55921		2.01E-02	0.00144	1.9E-05	0.00498	0.02656		2.66E-02	0.001899	1.5E-05	0.003095	3.16E-02		0.030824	0.001919	1.11E-05	0.003414	0.036169
3202	487363.09	3846877.25	0.84137	1.39979	1.11088	1.31398		1.92E-02	0.00149	1.7E-05	0.0042	0.02491		2.54E-02	0.001972	1.36E-05	0.002608	3.00E-02		0.029418	0.001994	1E-05	0.002877	0.034299
3203	487863.09	3846877.25	0.6342	2.42953	0.78136	1.08228		1.45E-02	0.00259	1.2E-05	0.00346	0.02053		1.91E-02	0.003423	9.56E-06	0.002148	2.47E-02		0.022175	0.00346	7.07E-06	0.00237	0.028012
3204	488363.09	3846877.25	0.56374	1.04721	0.78455	0.99107		1.29E-02	0.00112	1.2E-05	0.00317	0.01716		1.70E-02	0.001475	9.6E-06	0.001967	2.05E-02		0.019711	0.001491	7.1E-06	0.00217	0.02338
3205	488863.09	3846877.25	0.5605	1.05175	0.78044	0.81138		1.28E-02	0.00112	1.2E-05	0.00259	0.01652		1.69E-02	0.001482	9.55E-06	0.001611	2.00E-02		0.019598	0.001498	7.06E-06	0.001777	0.022879
3206	489363.09	3846877.25	0.54384	0.93327	0.74705	0.84684		1.24E-02	0.00099	1.1E-05	0.00271	0.01612		1.64E-02	0.001315	9.14E-06	0.001681	1.94E-02		0.019015	0.001329	6.76E-06	0.001854	0.022206
3207	489863.09	3846877.25	0.67397	1.63572	0.66006	0.84939		1.54E-02	0.00174	9.9E-06	0.00272	0.01985		2.03E-02	0.002305	8.08E-06	0.001686	2.43E-02		0.023565	0.00233	5.97E-06	0.00186	0.027761
3208	490363.09	3846877.25	1.06746	3.64175	0.70274	0.7402		2.44E-02	0.00388	1.1E-05	0.00237	0.03062		3.22E-02	0.005131	8.6E-06	0.001469	3.88E-02		0.037324	0.005186	6.36E-06	0.001621	0.044137
3209	490863.09	3846877.25	1.39403	3.94418	1.37787	0.78716		3.18E-02	0.0042	2.1E-05	0.00252	0.03855		4.21E-02	0.005557	1.69E-05	0.001562	4.92E-02		0.048742	0.005617	1.25E-05	0.001724	0.056095
3210	491363.09	3846877.25	1.53226	2.20061	1.97671	1.40451		3.50E-02	0.00234	3E-05	0.00449	0.04183		4.62E-02	0.003101	2.42E-05	0.002788	5.22E-02		0.053575	0.003134	1.79E-05	0.003075	0.059803
3211	491863.09	3846877.25	1.55868	0.66777	2.14629	2.22243		3.56E-02	0.00071	3.2E-05	0.00711	0.04342		4.70E-02	0.000941	2.63E-05	0.004411	5.24E-02		0.054499	0.000951	1.94E-05	0.004866	0.060336
3212	492363.09	3846877.25	1.55572	0.69506	2.16005	2.49736		3.55E-02	0.00074	3.3E-05	0.00798	0.04426		4.70E-02	0.000979	2.64E-05	0.004957	5.29E-02		0.054396	0.00099	1.95E-05	0.005468	0.060873
3213	492863.09	3846877.25	1.54884	0.91785	2.15198	2.5043		3.53E-02	0.00098	3.2E-05	0.00801	0.04436		4.67E-02	0.001293	2.63E-05	0.004971	5.30E-02		0.054155	0.001307	1.95E-05	0.005484	0.060965
3214	493363.09	3846877.25	1.53905	0.97515	2.14084	2.46148		3.51E-02	0.00104	3.2E-05	0.00787	0.04406		4.64E-02	0.001374	2.62E-05	0.004886	5.27E-02		0.053813	0.001389	1.94E-05	0.00539	0.060611
3215	493863.09	3846877.25	1.51025	0.87752	2.10393	2.41449		3.45E-02	0.00093	3.2E-05	0.00772	0.04315		4.56E-02	0.001236	2.58E-05	0.004793	5.16E-02		0.052806	0.00125	1.9E-05	0.005287	0.059361
3216	494363.09	3846877.25	1.42162	1.45695	1.92606	2.36716		3.24E-02	0.00155	2.9E-05	0.00757	0.04159		4.29E-02	0.002053	2.36E-05	0.004699	4.97E-02		0.049707	0.002075	1.74E-05	0.005183	0.056982
3217	494863.09	3846877.25	1.24978	3.13233	1.46933	2.31891		2.85E-02	0.00334	2.2E-05	0.00741	0.03929		3.77E-02	0.004413	1.8E-05	0.004603	4.68E-02		0.043698	0.004461	1.33E-05	0.005078	0.05325
3218	495363.09	3846877.25	1.03411	3.87588	0.89155	2.25691		2.36E-02	0.00413	1.3E-05	0.00722	0.03496		3.12E-02	0.005461	1.09E-05	0.00448	4.12E-02		0.036158	0.00552	8.07E-06	0.004942	0.046627
3219	495863.09	3846877.25	0.81523	2.89452	0.96054	2.09946		1.86E-02	0.00308	1.4E-05	0.00671	0.02841		2.46E-02	0.004078	1.18E-05	0.004167	3.29E-02		0.028504	0.004122	8.69E-06	0.004597	0.037232
3220	496363.09	3846877.25	0.76728	1.36254	1.05116	1.67369		1.75E-02	0.00145	1.6E-05	0.00535	0.02433		2.32E-02	0.00192	1.29E-05	0.003322	2.84E-02		0.026828	0.00194	9.51E-06	0.003665	0.032443
3221	496863.09	3846877.25	0.76701	0.71555	1.06772	1.05326		1.75E-02	0.00076	1.6E-05	0.00337	0.02165		2.31E-02	0.001008	1.31E-05	0.002091	2.63E-02		0.026818	0.001019	9.66E-06	0.002306	0.030153
3222	497363.09	3846877.25	0.76504	1.04924	1.06731	1.09417		1.75E-02	0.00112	1.6E-05	0.0035	0.02209		2.31E-02	0.001478	1.31E-05	0.002172	2.68E-02		0.02675	0.001494	9.66E-06	0.002396	0.030649
3223	497863.09	3846877.25	0.76297	0.75043	1.0647	1.08836		1.74E-02	0.0008	1.6E-05	0.00348	0.02171		2.30E-02	0.001057	1.3E-05	0.00216	2.63E-02		0.026677	0.001069	9.63E-06	0.002383	0.030139
3224	498363.09	3846877.25	0.76051	0.68229	1.06183	1.07356		1.74E-02	0.00073	1.6E-05	0.00343	0.02153		2.30E-02	0.000961	1.3E-05	0.002131	2.61E-02		0.026591	0.000972	9.61E-06	0.002351	0.029923
3225	471363.09	3847377.25	5.84048	7.79311	6.66792	8.03835		1.33E-01	0.0083	0.0001	0.0257	0.16739		1.76E-01	0.01098	8.16E-05	0.015955	2.03E-01		0.204212	0.011099	6.03E-05	0.017601	0.232972
3226	471863.09	3847377.25	6.41523	8.58427	7.71773	8.32151		1.46E-01	0.00915	0.00012	0.0266	0.18227		1.94E-01	0.012095	9.45E-05	0.016517	2.22E-01		0.224308	0.012225	6.98E-05	0.018221	0.254825
3227	472363.09	3847377.25	6.67315	8.98861	7.82837	8.72195		1.52E-01	0.00958	0.00012	0.02788	0.18986		2.01E-01	0.012664	9.58E-05	0.017312	2.31E-01		0.233326	0.012801	7.08E-05	0.019098	0.265296
3228	472863.09	3847377.25	6.61638	8.18292	7.14971	6.79825		1.51E-01	0.00872	0.00011	0.02173	0.18155		2.00E-01	0.011529	8.75E-05	0.013494	2.25E-01		0.231341	0.011654	6.47E-05	0.014886	0.257946
3229	473363.09	3847377.25	5.99014	7.38822	7.7749	3.64103		1.37E-01	0.00787	0.00012	0.01164	0.15633		1.81E-01	0.01041	9.52E-05	0.007227	1.99E-01		0.209445	0.010522	7.03E-05	0.007973	0.22801

3230	473863.09	3847377.25	5.59815	6.8285	7.19593	3.58913	1.28E-01	0.00727	0.00011	0.01147	0.14661	1.69E-01	0.009621	8.81E-05	0.007124	1.86E-01	0.195739	0.009725	6.51E-05	0.007859	0.213388
3231	474363.09	3847377.25	6.32613	7.92431	7.74335	4.54454	1.44E-01	0.00844	0.00012	0.01453	0.16746	1.91E-01	0.011165	9.48E-05	0.00902	2.11E-01	0.221193	0.011285	7.01E-05	0.009951	0.242499
3232	474863.09	3847377.25	5.65215	7.05396	6.91854	4.72601	1.29E-01	0.00751	0.0001	0.01511	0.15171	1.71E-01	0.009939	8.47E-05	0.009381	1.90E-01	0.197627	0.010046	6.26E-05	0.010348	0.218084
3233	475363.09	3847377.25	7.24063	9.77727	9.39071	6.00262	1.65E-01	0.01042	0.00014	0.01919	0.19499	2.19E-01	0.013776	0.000115	0.011915	2.44E-01	0.253168	0.013924	8.5E-05	0.013144	0.280321
3234	475863.09	3847377.25	8.1936	10.69666	10.28284	8.50301	1.87E-01	0.0114	0.00015	0.02718	0.22572	2.47E-01	0.015071	0.000126	0.016878	2.79E-01	0.286489	0.015234	9.3E-05	0.018619	0.320434
3235	476363.09	3847377.25	9.05483	10.84687	11.40969	7.31605	2.07E-01	0.01156	0.00017	0.02339	0.24176	2.73E-01	0.015283	0.00014	0.014522	3.03E-01	0.316602	0.015448	0.000103	0.01602	0.348172
3236	476863.09	3847377.25	8.97362	10.79325	11.02185	6.42342	2.05E-01	0.0115	0.00017	0.02054	0.23699	2.71E-01	0.015207	0.000135	0.01275	2.99E-01	0.313762	0.015371	9.97E-05	0.014065	0.343298
3237	477363.09	3847377.25	8.46885	10.98664	10.9326	7.31979	1.93E-01	0.0117	0.00016	0.0234	0.22854	2.56E-01	0.015479	0.000134	0.014529	2.86E-01	0.296113	0.015647	9.89E-05	0.016028	0.327886
3238	477863.09	3847377.25	8.59454	8.6208	11.3137	8.16763	1.96E-01	0.00918	0.00017	0.02611	0.2316	2.59E-01	0.012146	0.000138	0.016212	2.88E-01	0.300508	0.012277	0.000102	0.017884	0.330772
3239	478363.09	3847377.25	6.67589	5.92802	9.04993	4.69129	1.52E-01	0.00632	0.00014	0.015	0.1738	2.01E-01	0.008352	0.000111	0.009312	2.19E-01	0.233422	0.008442	8.19E-05	0.010272	0.252219
3240	478863.09	3847377.25	5.78478	6.02435	7.65885	3.51041	1.32E-01	0.00642	0.00012	0.01122	0.14977	1.75E-01	0.008488	9.37E-05	0.006968	1.90E-01	0.202265	0.00858	6.93E-05	0.007687	0.2186
3241	479363.09	3847377.25	4.61333	5.92918	5.81248	3.32844	1.05E-01	0.00632	8.8E-05	0.01064	0.12233	1.39E-01	0.008354	7.11E-05	0.006607	1.54E-01	0.161305	0.008444	5.26E-05	0.007288	0.17709
3242	479863.09	3847377.25	3.8198	5.2303	5.12235	3.96901	8.72E-02	0.00557	7.7E-05	0.01269	0.10551	1.15E-01	0.007369	6.27E-05	0.007878	1.31E-01	0.133559	0.007449	4.63E-05	0.008691	0.149745
3243	480363.09	3847377.25	1.56565	2.12886	1.66776	3.01389	3.57E-02	0.00227	2.5E-05	0.00964	0.04766	4.73E-02	0.002999	2.04E-05	0.005982	5.63E-02	0.054743	0.003032	1.51E-05	0.006599	0.064389
3244	480863.09	3847377.25	0.95555	1.4002	1.36459	1.64154	2.18E-02	0.00149	2.1E-05	0.00525	0.02857	2.88E-02	0.001973	1.67E-05	0.003258	3.41E-02	0.033411	0.001994	1.23E-05	0.003594	0.039012
3245	481363.09	3847377.25	1.1897	1.95317	1.66317	1.8177	2.71E-02	0.00208	2.5E-05	0.00581	0.03507	3.59E-02	0.002752	2.04E-05	0.003608	4.23E-02	0.041598	0.002782	1.5E-05	0.00398	0.048375
3246	481863.09	3847377.25	1.86288	3.60426	2.04108	1.60678	4.25E-02	0.00384	3.1E-05	0.00514	0.05152	5.62E-02	0.005078	2.5E-05	0.003189	6.45E-02	0.065135	0.005133	1.85E-05	0.003518	0.073805
3247	482363.09	3847377.25	1.78818	2.28499	2.31035	2.32632	4.08E-02	0.00243	3.5E-05	0.00744	0.05071	5.40E-02	0.003219	2.83E-05	0.004618	6.18E-02	0.062524	0.003254	2.09E-05	0.005094	0.070893
3248	482863.09	3847377.25	1.64936	1.74126	2.22281	2.8132	3.76E-02	0.00186	3.3E-05	0.00899	0.04852	4.98E-02	0.002453	2.72E-05	0.005584	5.78E-02	0.05767	0.00248	2.01E-05	0.00616	0.06633
3249	483363.09	3847377.25	1.81316	5.84819	1.9149	2.66832	4.14E-02	0.00623	2.9E-05	0.00853	0.05617	5.47E-02	0.00824	2.34E-05	0.005296	6.83E-02	0.063397	0.008329	1.73E-05	0.005843	0.077586
3250	483863.09	3847377.25	2.43294	2.15276	3.29318	2.29611	5.55E-02	0.00229	5E-05	0.00734	0.06521	7.34E-02	0.003033	4.03E-05	0.004558	8.11E-02	0.085068	0.003066	2.98E-05	0.005028	0.093191
3251	484363.09	3847377.25	2.50021	1.84799	3.48112	3.65215	5.71E-02	0.00197	5.2E-05	0.01168	0.07075	7.55E-02	0.002604	4.26E-05	0.007249	8.54E-02	0.08742	0.002632	3.15E-05	0.007997	0.09808
3252	484863.09	3847377.25	2.48506	2.52424	3.45709	3.58395	5.67E-02	0.00269	5.2E-05	0.01146	0.07091	7.50E-02	0.003556	4.23E-05	0.007114	8.57E-02	0.08689	0.003595	3.13E-05	0.007848	0.098364
3253	485363.09	3847377.25	2.38476	1.71082	3.15243	3.45422	5.44E-02	0.00182	4.8E-05	0.01104	0.06734	7.20E-02	0.00241	3.86E-05	0.006856	8.13E-02	0.083383	0.002436	2.85E-05	0.007564	0.093412
3254	485863.09	3847377.25	1.86951	5.54819	1.64737	3.30931	4.27E-02	0.00591	2.5E-05	0.01058	0.05918	5.64E-02	0.007817	2.02E-05	0.006569	7.08E-02	0.065367	0.007901	1.49E-05	0.007246	0.08053
3255	486363.09	3847377.25	1.08598	2.98915	1.23826	2.75983	2.48E-02	0.00318	1.9E-05	0.00882	0.03681	3.28E-02	0.004212	1.52E-05	0.005478	4.25E-02	0.037971	0.004257	1.12E-05	0.006043	0.048283
3256	486863.09	3847377.25	0.88466	1.49289	1.2335	1.57225	2.02E-02	0.00159	1.9E-05	0.00503	0.02682	2.67E-02	0.002103	1.51E-05	0.003121	3.19E-02	0.030932	0.002126	1.12E-05	0.003443	0.036512
3257	487363.09	3847377.25	0.83915	1.44596	1.09525	1.32859	1.92E-02	0.00154	1.7E-05	0.00425	0.02495	2.53E-02	0.002037	1.34E-05	0.002637	3.00E-02	0.029341	0.002059	9.91E-06	0.002909	0.034319
3258	487863.09	3847377.25	0.63612	2.50948	0.90107	1.0798	1.45E-02	0.00267	1.4E-05	0.00345	0.02066	1.92E-02	0.003536	1.1E-05	0.002143	2.49E-02	0.022242	0.003574	8.15E-06	0.002364	0.028188
3259	488363.09	3847377.25	0.60535	1.06921	0.82772	0.97936	1.38E-02	0.00114	1.2E-05	0.00313	0.0181	1.83E-02	0.001506	1.01E-05	0.001944	2.17E-02	0.021166	0.001523	7.49E-06	0.002144	0.024841
3260	488863.09	3847377.25	0.59635	1.09251	0.84864	0.82871	1.36E-02	0.00116	1.3E-05	0.00265	0.01744	1.80E-02	0.001539	1.04E-05	0.001645	2.12E-02	0.020851	0.001556	7.68E-06	0.001815	0.02423
3261	489363.09	3847377.25	0.59821	1.16429	0.84121	0.85784	1.37E-02	0.00124	1.3E-05	0.00274	0.01765	1.81E-02	0.00164	1.03E-05	0.001703	2.14E-02	0.020916	0.001658	7.61E-06	0.001878	0.02446
3262	489863.09	3847377.25	0.98754	3.31611	0.70008	0.84592	2.25E-02	0.00353	1.1E-05	0.0027	0.02878	2.98E-02	0.004672	8.57E-06	0.001679	3.62E-02	0.034529	0.004723	6.33E-06	0.001852	0.041111
3263	490363.09	3847377.25	1.36224	4.26958	1.20582	0.8148	3.11E-02	0.00455	1.8E-05	0.0026	0.03826	4.11E-02	0.006016	1.48E-05	0.001617	4.88E-02	0.047631	0.006081	1.09E-05	0.001784	0.055506
3264	490863.09	3847377.25	1.53698	2.64896	1.92837	1.17299	3.51E-02	0.00282	2.9E-05	0.00375	0.04168	4.64E-02	0.003732	2.36E-05	0.002328	5.25E-02	0.05374	0.003773	1.74E-05	0.002568	0.060099
3265	491363.09	3847377.25	1.5731	0.84319	2.15833	2.11867	3.59E-02	0.0009	3.3E-05	0.00677	0.0436	4.75E-02	0.001188	2.64E-05	0.004205	5.29E-02	0.055003	0.001201	1.95E-05	0.004639	0.060863
3266	491863.09	3847377.25	1.57101	0.72576	2.18049	2.48714	3.59E-02	0.00077	3.3E-05	0.00795	0.04461	4.74E-02	0.001023	2.67E-05	0.004937	5.34E-02	0.05493	0.001034	1.97E-05	0.005446	0.06143
3267	492363.09	3847377.25	1.56416	0.7969	2.17274	2.51313	3.57E-02	0.00085	3.3E-05	0.00803	0.04461	4.72E-02	0.001123	2.66E-05	0.004988	5.33E-02	0.054691	0.001135	1.97E-05	0.005503	0.061348
3268	492863.09	3847377.25	1.55593	1.03412	2.1627	2.47185	3.55E-02	0.0011	3.3E-05	0.0079	0.04454	4.70E-02	0.001457	2.65E-05	0.004906	5.33E-02	0.054403	0.001473	1.96E-05	0.005413	0.061308
3269	493363.09	3847377.25	1.53598	0.91927	2.13999	2.42482	3.51E-02	0.00098	3.2E-05	0.00775	0.04382	4.64E-02	0.001295	2.62E-05	0.004813	5.25E-02	0.053705	0.001309	1.94E-05	0.00531	0.060344
3270	493863.09	3847377.25	1.46642	1.40235	2.01646	2.37744	3.35E-02	0.00149	3E-05	0.0076	0.04259	4.43E-02	0.001976	2.47E-05	0.004719	5.10E-02	0.051273	0.001997	1.82E-05	0.005206	0.058494
3271	494363.09	3847377.25	1.30837	2.80682	1.61544	2.32987	2.99E-02	0.00299	2.4E-05	0.00745	0.04032	3.95E-02	0.003955	1.98E-05	0.004625	4.81E-02	0.045747	0.003997	1.46E-05	0.005102	0.054861
3272	494863.09	3847377.25	1.0922	3.99249	1.01348	2.27593	2.49E-02	0.00425	1.5E-05	0.00728	0.03647	3.30E-02	0.005625	1.24E-05	0.004517	4.31E-02	0.038189	0.005686	9.17E-06	0.004984	0.048867
3273	495363.09	3847377.25	0.87038	3.27832	1.0195	2.16096	1.99E-02	0.00349	1.5E-05	0.00691	0.03028	2.63E-02	0.004619	1.25E-05	0.004289	3.52E-02	0.030433	0.004669	9.22E-06	0.004732	0.039843
3274	495863.09	3847377.25	0.77316	1.63469	1.07034	1.81195	1.76E-02	0.00174	1.6E-05	0.00579	0.02519	2.33E-02	0.002303	1.31E-05	0.003597	2.92E-02	0.027033	0.002328	9.68E-06	0.003968	0.033339
3275	496363.09	3847377.25	0.77148	0.83611	1.07562	1.14575	1.76E-02	0.00089	1.6E-05	0.00366	0.02218	2.33E-02	0.001178	1.32E-05	0.002274	2.67E-02	0.026975	0.001191	9.73E-06	0.002509	0.030684
3276	496863.09	3847377.25	0.76938	0.81804	1.07352	1.096	1.76E-02	0.00087	1.6E-05	0.0035	0.02195	2.32E-02	0.001153	1.31E-05	0.002175	2.66E-02	0.026901	0.001165	9.71E-06	0.0024	0.030476
3277	497363.09	3847377.25	0.76729	0.70332	1.07075	1.08401	1.75E-02	0.00075	1.6E-05	0.00347	0.02174	2.32E-02	0.000991	1.31E-05	0.002152	2.63E-02	0.026828	0.001002	9.69E-06	0.002374	0.030213
3278	497863.09	3847377.25	0.76458	0.74817	1.06777	1.06849	1.74E-02	0.0008	1.6E-05	0.00342	0.02168	2.31E-02	0.001054	1.31E-05	0.002121	2.63E-02	0.026733	0.001066	9.66E-06	0.00234	0.030148
3279	498363.09	3847377.25	0.75741	1.09044	1.06168	1.05231	1.73E-02	0.00116	1.6E-05	0.00336	0.02183	2.29E-02	0.001536	1.3E-05	0.002089	2.65E-02	0.026483	0.001553	9.6E-06	0.002304	0.03035
3280	471363.09	3847877.25	5.79449	7.65853	7.10959	7.99138	1.32E-01	0.00816	0.00011	0.02555	0.16605	1.75E-01	0.01079	8.7E-05	0.015862	2.02E-01	0.202604	0.010907	6.43E-05	0.017498	0.231074
3281	471863.09	3847877.25	5.55015	7.85921	6.4338	8.83818	1.27E-01	0.00837	9.7E-05	0.02826	0.16338	1.68E-01	0.011073	7.87E-05	0.017543	1.96E-01	0.194061	0.011193	5.82E-05	0.019353	0.224664
3282	472363.09	3847877.25	6.48286	8.7097	7.70223	9.37171	1.48E-01	0.00928	0.00012	0.02996	0.1873	1.96E-01	0.012271	9.43E-05	0.018602	2.27E-01	0.226673	0.012404	6.97E-05	0.020521	0.259667
3283	472863.09	3847877.25	6.83236	9.16092	7.83628	9.68832	1.56E-01	0.00976	0.00012	0.03097	0.19677	2.06E-01	0.012907	9.59E-05	0.01923	2.38E-01	0.238893	0.013046	7.09E-05	0.021214	0.273225
3284	473363.09	3847877.25	6.56029	9.02538	7.5006	8.05004	1.50E-01	0.00962	0.00011	0.02574	0.18518	1.98E-01	0.012716	9.18E-05	0.015978	2.27E-01	0.22938	0.012853	6.79E-05	0.017627	0.259928
3285	473863.09	3847877.25	8.20315	10.3123	9.74016	8.4087	1.87E-01	0.01099	0.00015	0.02688	0.22522	2.48E-01	0.014529	0.000119	0.01669	2.79E-01	0.286823	0.014686	8.81E-05	0.018412	0.320009
3286	474363.09	3847877.25	6.8017	8.51218	8.61265	4.9763	1.55E-01	0.00907	0.00013	0.01591	0.18033	2.05E-01	0.011993	0.000105	0.009877	2.27E-01	0.237821	0.012123	7.79E-05	0.010896	0.260918
3287	474863.09	3847877.25	7.68286	9.65773	9.7815	5.57923	1.75E-01	0.01029	0.00015	0.01784	0.2036	2.32E-01	0.013607	0.00012	0.011074	2.57E-01	0.268631	0.013754	8.85E-05	0.012217	0.29469
3288	475363.09	3847877.25	6.48521	7.89956	8.41686	4.68967	1.48E-01	0.00842	0.00013	0.01499	0.17153	1.96E-01	0.01113	0.000103	0.009309	2.16E-01	0.226755	0.01125	7.61E-05	0.010269	0.24835
3289	475863.09	3847877.25	8.16404	10.52662	10.32611	5.70927	1.86E-01	0.01121	0.00016	0.01825	0.21593	2.46E-01	0.014831	0.000126	0.011332	2.73E-01	0.285455	0.014991	9.34E-05	0.012501	0.313041
3290	476363.09	3847877.25	10.04305	13.02521	12.30486	10.82225	2.29E-01	0.01388	0.00019	0.0346	0.27785	3.03E-01	0.018352	0.000151	0.021481	3.43E-01	0.351155	0.01855	0.000111	0.023697	0.393513

3291	476863.09	3847877.25	9.9433	12.00871	12.36609	8.07717	2.27E-01	0.01279	0.00019	0.02582	0.26572	3.00E-01	0.01692	0.000151	0.016032	3.33E-01	0.347667	0.017102	0.000112	0.017686	0.382567
3292	477363.09	3847877.25	10.00827	12.13448	12.36153	7.90408	2.28E-01	0.01293	0.00019	0.02527	0.26678	3.02E-01	0.017097	0.000151	0.015689	3.35E-01	0.349939	0.017281	0.000112	0.017307	0.384639
3293	477863.09	3847877.25	9.30022	12.00629	11.90851	8.48453	2.12E-01	0.01279	0.00018	0.02713	0.25233	2.81E-01	0.016916	0.000146	0.016841	3.15E-01	0.325182	0.017099	0.000108	0.018578	0.360966
3294	478363.09	3847877.25	9.5374	9.28818	12.46581	8.803	2.18E-01	0.0099	0.00019	0.02814	0.25588	2.88E-01	0.013086	0.000153	0.017473	3.19E-01	0.333475	0.013228	0.000113	0.019276	0.366091
3295	478863.09	3847877.25	7.28184	7.58235	9.81241	4.91213	1.66E-01	0.00808	0.00015	0.0157	0.19011	2.20E-01	0.010683	0.00012	0.00975	2.40E-01	0.254609	0.010798	8.88E-05	0.010756	0.276252
3296	479363.09	3847877.25	4.08509	5.82511	5.51612	2.95542	9.32E-02	0.00621	8.3E-05	0.00945	0.10896	1.23E-01	0.008207	6.75E-05	0.005866	1.37E-01	0.142835	0.008296	4.99E-05	0.006471	0.157652
3297	479863.09	3847877.25	2.57205	2.90544	3.19396	3.78522	5.87E-02	0.0031	4.8E-05	0.0121	0.07394	7.76E-02	0.004094	3.91E-05	0.007513	8.93E-02	0.089932	0.004138	2.89E-05	0.008288	0.102387
3298	480363.09	3847877.25	2.22046	2.49578	2.61918	3.90869	5.07E-02	0.00266	3.9E-05	0.0125	0.06587	6.70E-02	0.003516	3.21E-05	0.007758	7.83E-02	0.077638	0.003554	2.37E-05	0.008559	0.089775
3299	480863.09	3847877.25	1.33011	1.96952	1.61632	2.56473	3.04E-02	0.0021	2.4E-05	0.0082	0.04068	4.01E-02	0.002775	1.98E-05	0.005091	4.80E-02	0.046507	0.002805	1.46E-05	0.005616	0.054943
3300	481363.09	3847877.25	1.22933	1.51963	1.74014	1.82536	2.81E-02	0.00162	2.6E-05	0.00584	0.03554	3.71E-02	0.002141	2.13E-05	0.003623	4.29E-02	0.042983	0.002164	1.57E-05	0.003997	0.04916
3301	481863.09	3847877.25	1.96509	4.9761	2.06887	1.80964	4.48E-02	0.0053	3.1E-05	0.00579	0.05596	5.93E-02	0.007011	2.53E-05	0.003592	6.99E-02	0.068709	0.007087	1.87E-05	0.003963	0.079777
3302	482363.09	3847877.25	2.34151	2.17655	3.17402	1.96933	5.34E-02	0.00232	4.8E-05	0.0063	0.0621	7.07E-02	0.003067	3.88E-05	0.003909	7.77E-02	0.081871	0.0031	2.87E-05	0.004312	0.089311
3303	482863.09	3847877.25	1.72064	1.61719	2.33162	2.77467	3.93E-02	0.00172	3.5E-05	0.00887	0.0499	5.19E-02	0.002279	2.85E-05	0.005507	5.97E-02	0.060162	0.002303	2.11E-05	0.006076	0.068562
3304	483363.09	3847877.25	1.70045	5.86767	1.99246	2.77386	3.88E-02	0.00625	3E-05	0.00887	0.05395	5.13E-02	0.008267	2.44E-05	0.005506	6.51E-02	0.059456	0.008356	1.8E-05	0.006074	0.073904
3305	483863.09	3847877.25	2.42531	2.59539	3.23292	2.38991	5.53E-02	0.00276	4.9E-05	0.00764	0.0658	7.32E-02	0.003657	3.96E-05	0.004744	8.16E-02	0.084801	0.003696	2.92E-05	0.005233	0.093759
3306	484363.09	3847877.25	2.51703	2.17501	3.50447	3.64126	5.74E-02	0.00232	5.3E-05	0.01164	0.07145	7.60E-02	0.003064	4.29E-05	0.007228	8.63E-02	0.088008	0.003098	3.17E-05	0.007973	0.09911
3307	484863.09	3847877.25	2.50399	2.59003	3.48443	3.59893	5.71E-02	0.00276	5.3E-05	0.01151	0.07146	7.56E-02	0.003649	4.26E-05	0.007144	8.64E-02	0.087552	0.003689	3.15E-05	0.00788	0.099152
3308	485363.09	3847877.25	2.43391	2.15402	3.28211	3.47002	5.55E-02	0.00229	4.9E-05	0.01109	0.06898	7.35E-02	0.003035	4.02E-05	0.006888	8.34E-02	0.085102	0.003068	2.97E-05	0.007598	0.095797
3309	485863.09	3847877.25	1.97883	5.43448	1.86789	3.33478	4.52E-02	0.00579	2.8E-05	0.01066	0.06164	5.97E-02	0.007657	2.29E-05	0.006619	7.40E-02	0.06919	0.007739	1.69E-05	0.007302	0.084248
3310	486363.09	3847877.25	1.18079	3.55798	1.24262	2.91377	2.69E-02	0.00379	1.9E-05	0.00932	0.04007	3.56E-02	0.005013	1.52E-05	0.005784	4.64E-02	0.041286	0.005067	1.12E-05	0.00638	0.052745
3311	486863.09	3847877.25	0.88777	1.9305	1.23772	1.58438	2.03E-02	0.00206	1.9E-05	0.00507	0.0274	2.68E-02	0.00272	1.51E-05	0.003145	3.27E-02	0.031041	0.002749	1.12E-05	0.003469	0.037271
3312	487363.09	3847877.25	0.83604	1.49472	1.07587	1.34179	1.91E-02	0.00159	1.6E-05	0.00429	0.02498	2.52E-02	0.002106	1.32E-05	0.002663	3.00E-02	0.029232	0.002129	9.73E-06	0.002938	0.034309
3313	487863.09	3847877.25	0.74888	2.56487	1.05827	1.07725	1.71E-02	0.00273	1.6E-05	0.00344	0.02328	2.26E-02	0.003614	1.3E-05	0.002138	2.84E-02	0.026185	0.003653	9.57E-06	0.002359	0.032206
3314	488363.09	3847877.25	0.70542	1.16291	0.99117	0.96575	1.61E-02	0.00124	1.5E-05	0.00309	0.02044	2.13E-02	0.001638	1.21E-05	0.001917	2.49E-02	0.024665	0.001656	8.97E-06	0.002115	0.028445
3315	488863.09	3847877.25	0.63983	1.3834	0.89098	0.85468	1.46E-02	0.00147	1.3E-05	0.00273	0.01882	1.93E-02	0.001949	1.09E-05	0.001696	2.30E-02	0.022372	0.00197	8.06E-06	0.001871	0.026221
3316	489363.09	3847877.25	0.89782	2.8381	0.84879	0.86031	2.05E-02	0.00302	1.3E-05	0.00275	0.02628	2.71E-02	0.003999	1.04E-05	0.001708	3.28E-02	0.031392	0.004042	7.68E-06	0.001884	0.037326
3317	489863.09	3847877.25	1.31847	4.48635	1.00659	0.84152	3.01E-02	0.00478	1.5E-05	0.00269	0.03757	3.98E-02	0.006321	1.23E-05	0.00167	4.78E-02	0.0461	0.006389	9.11E-06	0.001843	0.054341
3318	490363.09	3847877.25	1.53835	3.1678	1.85612	0.9238	3.51E-02	0.00337	2.8E-05	0.00295	0.04146	4.64E-02	0.004463	2.27E-05	0.001834	5.27E-02	0.053788	0.004511	1.68E-05	0.002023	0.060339
3319	490863.09	3847877.25	1.58751	1.18631	2.16696	1.98129	3.62E-02	0.00126	3.3E-05	0.00633	0.04386	4.79E-02	0.001671	2.65E-05	0.003933	5.35E-02	0.055507	0.001689	1.96E-05	0.004338	0.061555
3320	491363.09	3847877.25	1.58661	0.81423	2.20115	2.46884	3.62E-02	0.00087	3.3E-05	0.00789	0.045	4.79E-02	0.001147	2.69E-05	0.0049	5.40E-02	0.055476	0.00116	1.99E-05	0.005406	0.062061
3321	491863.09	3847877.25	1.57967	0.81397	2.19383	2.52149	3.60E-02	0.00087	3.3E-05	0.00806	0.04501	4.77E-02	0.001147	2.69E-05	0.005005	5.39E-02	0.055233	0.001159	1.98E-05	0.005521	0.061933
3322	492363.09	3847877.25	1.57211	1.01072	2.18405	2.48218	3.59E-02	0.00108	3.3E-05	0.00794	0.04492	4.74E-02	0.001424	2.67E-05	0.004927	5.38E-02	0.054969	0.001439	1.98E-05	0.005435	0.061863
3323	492863.09	3847877.25	1.55825	1.00573	2.16905	2.43517	3.56E-02	0.00107	3.3E-05	0.00779	0.04445	4.70E-02	0.001417	2.65E-05	0.004834	5.33E-02	0.054484	0.001432	1.96E-05	0.005332	0.061268
3324	493363.09	3847877.25	1.50692	1.71385	2.09028	2.38785	3.44E-02	0.00183	3.2E-05	0.00763	0.04388	4.55E-02	0.002415	2.56E-05	0.00474	5.27E-02	0.052689	0.002441	1.89E-05	0.005229	0.060378
3325	493863.09	3847877.25	1.36694	2.39473	1.75962	2.34052	3.12E-02	0.00255	2.7E-05	0.00748	0.04126	4.13E-02	0.003374	2.15E-05	0.004646	4.93E-02	0.047795	0.00341	1.59E-05	0.005125	0.056346
3326	494363.09	3847877.25	1.15179	4.00048	1.15064	2.29066	2.63E-02	0.00426	1.7E-05	0.00732	0.03789	3.48E-02	0.005636	1.41E-05	0.004547	4.50E-02	0.040272	0.005697	1.04E-05	0.005016	0.050996
3327	494863.09	3847877.25	0.92678	3.67106	1.05925	2.2059	2.11E-02	0.00391	1.6E-05	0.00705	0.03213	2.80E-02	0.005172	1.3E-05	0.004378	3.75E-02	0.032405	0.005228	9.58E-06	0.00483	0.042473
3328	495363.09	3847877.25	0.77801	1.95766	1.08243	1.93532	1.78E-02	0.00209	1.6E-05	0.00619	0.02604	2.35E-02	0.002758	1.32E-05	0.003841	3.01E-02	0.027203	0.002788	9.79E-06	0.004238	0.034239
3329	495863.09	3847877.25	0.77587	0.6354	1.08232	1.31396	1.77E-02	0.00068	1.6E-05	0.0042	0.0226	2.34E-02	0.000895	1.32E-05	0.002608	2.69E-02	0.027128	0.000905	9.79E-06	0.002877	0.03092
3330	496363.09	3847877.25	0.77376	0.68133	1.07965	1.09382	1.77E-02	0.00073	1.6E-05	0.0035	0.0219	2.34E-02	0.00096	1.32E-05	0.002171	2.65E-02	0.027054	0.00097	9.77E-06	0.002395	0.03043
3331	496863.09	3847877.25	0.77164	0.7751	1.07682	1.07913	1.76E-02	0.00083	1.6E-05	0.00345	0.0219	2.33E-02	0.001092	1.32E-05	0.002142	2.65E-02	0.02698	0.001104	9.74E-06	0.002363	0.030457
3332	497363.09	3847877.25	0.76855	1.04875	1.07368	1.0631	1.75E-02	0.00112	1.6E-05	0.0034	0.02207	2.32E-02	0.001478	1.31E-05	0.00211	2.68E-02	0.026872	0.001494	9.71E-06	0.002328	0.030703
3333	497863.09	3847877.25	0.7589	1.76815	1.0653	1.04707	1.73E-02	0.00188	1.6E-05	0.00335	0.02257	2.29E-02	0.002491	1.3E-05	0.002078	2.75E-02	0.026535	0.002518	9.64E-06	0.002293	0.031355
3334	498363.09	3847877.25	0.72784	2.03537	1.02154	1.03104	1.66E-02	0.00217	1.5E-05	0.0033	0.02209	2.20E-02	0.002868	1.25E-05	0.002047	2.69E-02	0.025449	0.002899	9.24E-06	0.002258	0.030614
3335	471363.09	3848377.25	5.69748	6.83092	7.04826	6.8273	1.30E-01	0.00728	0.00011	0.02183	0.15923	1.72E-01	0.009624	8.63E-05	0.013551	1.95E-01	0.199212	0.009728	6.38E-05	0.01495	0.223954
3336	471863.09	3848377.25	5.62748	7.23449	6.96729	8.0046	1.28E-01	0.00771	0.00011	0.02559	0.16183	1.70E-01	0.010193	8.53E-05	0.015888	1.96E-01	0.196765	0.010303	6.3E-05	0.017527	0.224658
3337	472363.09	3848377.25	6.20273	8.23211	7.58397	8.57534	1.42E-01	0.00877	0.00011	0.02742	0.17785	1.87E-01	0.011599	9.28E-05	0.017021	2.16E-01	0.216878	0.011724	6.86E-05	0.018777	0.247448
3338	472863.09	3848377.25	6.0276	8.4781	6.81973	9.40403	1.38E-01	0.00903	0.0001	0.03006	0.17675	1.82E-01	0.011945	8.35E-05	0.018666	2.13E-01	0.210755	0.012074	6.17E-05	0.020592	0.243482
3339	473363.09	3848377.25	7.08284	9.55667	8.52562	9.94586	1.62E-01	0.01018	0.00013	0.0318	0.20374	2.14E-01	0.013465	0.000104	0.019741	2.47E-01	0.247651	0.01361	7.71E-05	0.021778	0.283116
3340	473863.09	3848377.25	7.32285	10.03139	8.58804	10.2991	1.67E-01	0.01069	0.00013	0.03293	0.21086	2.21E-01	0.014134	0.000105	0.020443	2.56E-01	0.256043	0.014286	7.77E-05	0.022552	0.292958
3341	474363.09	3848377.25	7.90801	9.77713	8.65607	8.76273	1.80E-01	0.01042	0.00013	0.02801	0.21903	2.39E-01	0.013775	0.000106	0.017393	2.70E-01	0.276503	0.013924	7.83E-05	0.019187	0.309693
3342	474863.09	3848377.25	8.14782	10.08536	10.16827	6.06328	1.86E-01	0.01074	0.00015	0.01938	0.21622	2.46E-01	0.01421	0.000124	0.012035	2.72E-01	0.284888	0.014363	9.2E-05	0.013277	0.31262
3343	475363.09	3848377.25	9.01532	11.29201	10.74199	7.92591	2.06E-01	0.01203	0.00016	0.02534	0.24327	2.72E-01	0.01591	0.000131	0.015732	3.04E-01	0.31522	0.016081	9.72E-05	0.017355	0.348754
3344	475863.09	3848377.25	8.17274	10.30757	10.42805	6.21497	1.87E-01	0.01098	0.00016	0.01987	0.21752	2.47E-01	0.014523	0.000128	0.012336	2.74E-01	0.285759	0.014679	9.43E-05	0.013609	0.314142
3345	476363.09	3848377.25	9.07808	11.82139	10.93012	5.52898	2.07E-01	0.01259	0.00016	0.01768	0.2376	2.74E-01	0.016656	0.000134	0.010974	3.02E-01	0.317415	0.016835	9.89E-05	0.012107	0.346455
3346	476863.09	3848377.25	11.36504	14.99837	13.47532	12.77846	2.59E-01	0.01598	0.0002	0.04085	0.31639	3.43E-01	0.021132	0.000165	0.025364	3.90E-01	0.397378	0.02136	0.000122	0.027981	0.44684
3347	477363.09	3848377.25	10.76494	13.10616	13.22575	8.48372	2.46E-01	0.01396	0.0002	0.02712	0.28695	3.25E-01	0.018466	0.000162	0.016839	3.60E-01	0.376396	0.018665	0.00012	0.018577	0.413757
3348	477863.09	3848377.25	10.91332	13.21751	13.47101	8.96432	2.49E-01	0.01408	0.0002	0.02866	0.29199	3.29E-01	0.018623	0.000165	0.017793	3.66E-01	0.381584	0.018824	0.000122	0.019629	0.420158
3349	478363.09	3848377.25	10.10176	12.87789	12.69756	9.45629	2.31E-01	0.01372	0.00019	0.03023	0.27467	3.05E-01	0.018144	0.000155	0.01877	3.42E-01	0.353207	0.01834	0.000115	0.020706	0.392368
3350	478863.09	3848377.25	9.49367	8.95835	12.47617	8.3829	2.17E-01	0.00954	0.00019	0.0268	0.25319	2.87E-01	0.012622	0.000153	0.016639	3.16E-01	0.331946	0.012758	0.000113	0.018356	0.363172
3351	479363.09	3848377.25	4.68348	4.93643	6.35484	3.31589	1.07E-01	0.00526	9.6E-05	0.0106	0.12284	1.41E-01	0.006955	7.78E-05	0.006582	1.55E-01	0.163758	0.00703	5.75E-05	0.007261	0.178106

3352	479863.09	3848377.25	2.30704	3.07451	2.70425	2.73903	5.26E-02	0.00328	4.1E-05	0.00876	0.06472	6.96E-02	0.004332	3.31E-05	0.005437	7.94E-02	0.080666	0.004379	2.45E-05	0.005998	0.091066
3353	480363.09	3848377.25	2.59695	2.78917	3.26388	4.13777	5.93E-02	0.00297	4.9E-05	0.01323	0.07551	7.84E-02	0.00393	3.99E-05	0.008213	9.06E-02	0.090802	0.003972	2.95E-05	0.00906	0.103864
3354	480863.09	3848377.25	3.47395	4.80384	4.35632	3.66665	7.93E-02	0.00512	6.6E-05	0.01172	0.09618	1.05E-01	0.006768	5.33E-05	0.007278	1.19E-01	0.121466	0.006841	3.94E-05	0.008029	0.136376
3355	481363.09	3848377.25	2.06635	3.53224	2.9023	2.0623	4.72E-02	0.00376	4.4E-05	0.00659	0.05756	6.24E-02	0.004977	3.55E-05	0.004093	7.15E-02	0.07225	0.00503	2.63E-05	0.004516	0.081822
3356	481863.09	3848377.25	2.08333	4.87705	2.87629	1.93173	4.75E-02	0.0052	4.3E-05	0.00618	0.05896	6.29E-02	0.006871	3.52E-05	0.003834	7.36E-02	0.072844	0.006946	2.6E-05	0.00423	0.084045
3357	482363.09	3848377.25	2.71363	4.20766	3.41357	1.69596	6.19E-02	0.00448	5.1E-05	0.00542	0.07188	8.19E-02	0.005928	4.18E-05	0.003366	9.12E-02	0.094882	0.005992	3.09E-05	0.003714	0.104619
3358	482863.09	3848377.25	2.59984	2.01867	3.74123	2.64918	5.93E-02	0.00215	5.6E-05	0.00847	0.07001	7.85E-02	0.002844	4.58E-05	0.005258	8.66E-02	0.090903	0.002875	3.38E-05	0.005801	0.099613
3359	483363.09	3848377.25	2.30926	5.64348	3.14686	2.84066	5.27E-02	0.00601	4.7E-05	0.00908	0.06784	6.97E-02	0.007951	3.85E-05	0.005638	8.33E-02	0.080743	0.008037	2.85E-05	0.00622	0.095029
3360	483863.09	3848377.25	2.41024	3.25659	3.13925	2.58296	5.50E-02	0.00347	4.7E-05	0.00826	0.06678	7.27E-02	0.004588	3.84E-05	0.005127	8.25E-02	0.084274	0.004638	2.84E-05	0.005656	0.094596
3361	484363.09	3848377.25	2.53387	2.27317	3.52787	3.61768	5.78E-02	0.00242	5.3E-05	0.01157	0.07187	7.65E-02	0.003203	4.32E-05	0.007181	8.69E-02	0.088597	0.003237	3.19E-05	0.007922	0.099787
3362	484863.09	3848377.25	2.52223	2.62129	3.50984	3.61516	5.76E-02	0.00279	5.3E-05	0.01156	0.07196	7.61E-02	0.003693	4.3E-05	0.007176	8.70E-02	0.08819	0.003733	3.18E-05	0.007916	0.09987
3363	485363.09	3848377.25	2.47474	2.83536	3.38409	3.48594	5.65E-02	0.00302	5.1E-05	0.01114	0.07069	7.47E-02	0.003995	4.14E-05	0.006919	8.56E-02	0.086529	0.004038	3.06E-05	0.007633	0.098231
3364	485863.09	3848377.25	2.08676	5.13259	2.11231	3.35489	4.76E-02	0.00547	3.2E-05	0.01073	0.06385	6.30E-02	0.007231	2.59E-05	0.006659	7.69E-02	0.072963	0.00731	1.91E-05	0.007346	0.087638
3365	486363.09	3848377.25	1.28234	4.19692	1.25877	3.03826	2.93E-02	0.00447	1.9E-05	0.00971	0.04347	3.87E-02	0.005913	1.54E-05	0.006031	5.07E-02	0.044837	0.005977	1.14E-05	0.006653	0.057478
3366	486863.09	3848377.25	1.06412	1.51375	1.4252	1.59376	2.43E-02	0.00161	2.1E-05	0.0051	0.03101	3.21E-02	0.002133	1.74E-05	0.003163	3.74E-02	0.037207	0.002156	1.29E-05	0.00349	0.042865
3367	487363.09	3848377.25	0.83188	1.54727	1.06782	1.35499	1.90E-02	0.00165	1.6E-05	0.00433	0.02498	2.51E-02	0.00218	1.31E-05	0.00269	3.00E-02	0.029087	0.002204	9.66E-06	0.002967	0.034267
3368	487863.09	3848377.25	0.76172	2.58836	1.06199	1.07476	1.74E-02	0.00276	1.6E-05	0.00344	0.02359	2.30E-02	0.003647	1.3E-05	0.002133	2.88E-02	0.026633	0.003686	9.61E-06	0.002353	0.032683
3369	488363.09	3848377.25	0.8621	2.28139	0.97998	0.95016	1.97E-02	0.00243	1.5E-05	0.00304	0.02516	2.60E-02	0.003214	1.2E-05	0.001886	3.11E-02	0.030143	0.003249	8.87E-06	0.002081	0.035482
3370	488863.09	3848377.25	0.8046	2.24453	1.01148	0.89122	1.84E-02	0.00239	1.5E-05	0.00285	0.02362	2.43E-02	0.003162	1.24E-05	0.001769	2.92E-02	0.028133	0.003197	9.15E-06	0.001951	0.03329
3371	489363.09	3848377.25	1.26028	4.53363	0.8696	0.87205	2.88E-02	0.00483	1.3E-05	0.00279	0.03639	3.80E-02	0.006388	1.06E-05	0.001731	4.62E-02	0.044066	0.006457	7.87E-06	0.001909	0.05244
3372	489863.09	3848377.25	1.53495	3.74639	1.75236	0.85134	3.50E-02	0.00399	2.6E-05	0.00272	0.04177	4.63E-02	0.005278	2.14E-05	0.00169	5.33E-02	0.053669	0.005335	1.59E-05	0.001864	0.060885
3373	490363.09	3848377.25	1.60186	1.56811	2.17042	1.80422	3.66E-02	0.00167	3.3E-05	0.00577	0.04403	4.83E-02	0.002209	2.66E-05	0.003581	5.42E-02	0.056009	0.002233	1.96E-05	0.003951	0.062212
3374	490863.09	3848377.25	1.60256	1.57172	2.22199	2.43977	3.66E-02	0.00167	3.3E-05	0.0078	0.04608	4.84E-02	0.002214	2.72E-05	0.004843	5.55E-02	0.056033	0.002238	2.01E-05	0.005342	0.063634
3375	491363.09	3848377.25	1.59549	0.82376	2.21529	2.52906	3.64E-02	0.00088	3.3E-05	0.00809	0.04541	4.82E-02	0.001161	2.71E-05	0.00502	5.44E-02	0.055786	0.001173	2E-05	0.005538	0.062517
3376	491863.09	3848377.25	1.58808	1.04701	2.20545	2.49241	3.62E-02	0.00112	3.3E-05	0.00797	0.04536	4.79E-02	0.001475	2.7E-05	0.004947	5.44E-02	0.055527	0.001491	2E-05	0.005458	0.062496
3377	492363.09	3848377.25	1.57784	1.10764	2.19388	2.44551	3.60E-02	0.00118	3.3E-05	0.00782	0.04504	4.76E-02	0.001561	2.69E-05	0.004854	5.41E-02	0.055169	0.001577	1.98E-05	0.005355	0.062121
3378	492863.09	3848377.25	1.54235	2.01695	2.14753	2.39816	3.52E-02	0.00215	3.2E-05	0.00767	0.04505	4.65E-02	0.002842	2.63E-05	0.00476	5.42E-02	0.053928	0.002872	1.94E-05	0.005251	0.062071
3379	493363.09	3848377.25	1.42447	2.0354	1.89527	2.35081	3.25E-02	0.00217	2.9E-05	0.00752	0.04222	4.30E-02	0.002868	2.32E-05	0.004666	5.05E-02	0.049807	0.002899	1.71E-05	0.005147	0.05787
3380	493863.09	3848377.25	1.21336	3.87673	1.3032	2.30283	2.77E-02	0.00413	2E-05	0.00736	0.0392	3.66E-02	0.005462	1.6E-05	0.004571	4.67E-02	0.042425	0.005521	1.18E-05	0.005042	0.053
3381	494363.09	3848377.25	0.9839	4.04848	1.08344	2.23745	2.25E-02	0.00431	1.6E-05	0.00715	0.03394	2.97E-02	0.005704	1.33E-05	0.004441	3.99E-02	0.034402	0.005766	9.8E-06	0.004899	0.045077
3382	494863.09	3848377.25	0.78249	2.33449	1.0908	2.03874	1.79E-02	0.00249	1.6E-05	0.00652	0.02688	2.36E-02	0.003289	1.34E-05	0.004047	3.10E-02	0.02736	0.003325	9.87E-06	0.004464	0.035158
3383	495363.09	3848377.25	0.78029	0.7874	1.08864	1.48714	1.78E-02	0.00084	1.6E-05	0.00475	0.02342	2.35E-02	0.001109	1.33E-05	0.002952	2.76E-02	0.027283	0.001121	9.85E-06	0.003256	0.03167
3384	495863.09	3848377.25	0.77819	0.79885	1.08581	1.08959	1.78E-02	0.00085	1.6E-05	0.00348	0.02211	2.35E-02	0.001126	1.33E-05	0.002163	2.68E-02	0.027209	0.001138	9.82E-06	0.002386	0.030743
3385	496363.09	3848377.25	0.77601	0.99686	1.08294	1.07385	1.77E-02	0.00106	1.6E-05	0.00343	0.02222	2.34E-02	0.001405	1.33E-05	0.002131	2.70E-02	0.027133	0.00142	9.8E-06	0.002351	0.030914
3386	496863.09	3848377.25	0.77231	1.79573	1.07952	1.05786	1.76E-02	0.00191	1.6E-05	0.00338	0.02294	2.33E-02	0.00253	1.32E-05	0.0021	2.80E-02	0.027004	0.002557	9.77E-06	0.002316	0.031887
3387	497363.09	3848377.25	0.75905	2.12809	1.06729	1.04184	1.73E-02	0.00227	1.6E-05	0.00333	0.02294	2.29E-02	0.002998	1.31E-05	0.002068	2.80E-02	0.02654	0.003031	9.66E-06	0.002281	0.031862
3388	497863.09	3848377.25	0.97716	2.87264	1.00244	1.0258	2.23E-02	0.00306	1.5E-05	0.00328	0.02865	2.95E-02	0.004047	1.23E-05	0.002036	3.56E-02	0.034166	0.004091	9.07E-06	0.002246	0.040513
3389	498363.09	3848377.25	1.18861	3.57096	1.02019	1.00977	2.71E-02	0.0038	1.5E-05	0.00323	0.03417	3.59E-02	0.005031	1.25E-05	0.002004	4.29E-02	0.04156	0.005086	9.23E-06	0.002211	0.048866
3390	471363.09	3848877.25	4.47039	5.71093	5.12516	6.10405	1.02E-01	0.00608	7.7E-05	0.01951	0.12769	1.35E-01	0.008046	6.27E-05	0.012116	1.55E-01	0.156307	0.008133	4.64E-05	0.013366	0.177852
3391	471863.09	3848877.25	5.57365	6.70967	7.02762	7.43532	1.27E-01	0.00715	0.00011	0.02377	0.15822	1.68E-01	0.009453	8.6E-05	0.014758	1.93E-01	0.194882	0.009556	6.36E-05	0.016281	0.220782
3392	472363.09	3848877.25	5.95111	7.26815	7.27631	7.56408	1.36E-01	0.00774	0.00011	0.02418	0.16784	1.80E-01	0.01024	8.91E-05	0.015014	2.05E-01	0.20808	0.010351	6.58E-05	0.016563	0.23506
3393	472863.09	3848877.25	5.9815	8.01254	7.198	9.0299	1.37E-01	0.00854	0.00011	0.02887	0.17402	1.81E-01	0.011289	8.81E-05	0.017923	2.10E-01	0.209143	0.011411	6.51E-05	0.019772	0.240391
3394	473363.09	3848877.25	6.24288	8.58462	7.44254	9.9087	1.42E-01	0.00915	0.00011	0.03168	0.1834	1.88E-01	0.012095	9.11E-05	0.019668	2.20E-01	0.218282	0.012226	6.73E-05	0.021697	0.252272
3395	473863.09	3848877.25	6.903	9.35822	7.98957	10.56809	1.58E-01	0.00997	0.00012	0.03379	0.20141	2.08E-01	0.013185	9.78E-05	0.020977	2.43E-01	0.241363	0.013327	7.23E-05	0.023141	0.277903
3396	474363.09	3848877.25	7.0473	9.8161	8.0512	11.28855	1.61E-01	0.01046	0.00012	0.03609	0.20749	2.13E-01	0.01383	9.85E-05	0.022407	2.49E-01	0.246408	0.01398	7.28E-05	0.024718	0.285179
3397	474863.09	3848877.25	8.41272	11.01114	9.7686	8.39205	1.92E-01	0.01173	0.00015	0.02683	0.23069	2.54E-01	0.015514	0.00012	0.016657	2.86E-01	0.29415	0.015681	8.84E-05	0.018376	0.328296
3398	475363.09	3848877.25	9.67536	12.15953	11.74713	8.966	2.21E-01	0.01295	0.00018	0.02866	0.2626	2.92E-01	0.017132	0.000144	0.017797	3.27E-01	0.338298	0.017317	0.000106	0.019633	0.375354
3399	475863.09	3848877.25	9.11595	11.12954	10.75315	8.84738	2.08E-01	0.01186	0.00016	0.02829	0.24834	2.75E-01	0.015681	0.000132	0.017561	3.09E-01	0.318739	0.01585	9.73E-05	0.019373	0.354059
3400	476363.09	3848877.25	9.50003	11.8859	11.24226	8.24927	2.17E-01	0.01266	0.00017	0.02637	0.256	2.87E-01	0.016746	0.000138	0.016374	3.20E-01	0.332168	0.016927	0.000102	0.018063	0.36726
3401	476863.09	3848877.25	10.96739	14.14719	11.99982	7.22895	2.50E-01	0.01507	0.00018	0.02311	0.28865	3.31E-01	0.019932	0.000147	0.014349	3.65E-01	0.383474	0.020148	0.000109	0.015829	0.419559
3402	477363.09	3848877.25	12.06263	16.22772	13.58798	14.63752	2.75E-01	0.01729	0.0002	0.0468	0.33957	3.64E-01	0.022864	0.000166	0.029054	4.16E-01	0.421769	0.023111	0.000123	0.032051	0.477054
3403	477863.09	3848877.25	11.79305	14.51946	14.05528	10.75695	2.69E-01	0.01547	0.00021	0.03439	0.3192	3.56E-01	0.020457	0.000172	0.021351	3.98E-01	0.412343	0.020678	0.000127	0.023554	0.456702
3404	478363.09	3848877.25	12.00927	14.54103	14.70686	10.84308	2.74E-01	0.01549	0.00022	0.03467	0.32444	3.62E-01	0.020487	0.00018	0.021522	4.05E-01	0.419903	0.020709	0.000133	0.023743	0.464488
3405	478863.09	3848877.25	10.92587	13.72445	13.48585	10.43531	2.49E-01	0.01462	0.0002	0.03336	0.29752	3.30E-01	0.019337	0.000165	0.020713	3.70E-01	0.382022	0.019546	0.000122	0.02285	0.42454
3406	479363.09	3848877.25	9.09941	8.48431	11.91282	7.6458	2.08E-01	0.00904	0.00018	0.02444	0.24132	2.75E-01	0.011954	0.000146	0.015176	3.02E-01	0.31816	0.012083	0.000108	0.016742	0.347093
3407	479863.09	3848877.25	4.72547	5.53897	6.22479	3.46847	1.08E-01	0.0059	9.4E-05	0.01109	0.12492	1.43E-01	0.007804	7.62E-05	0.006885	1.57E-01	0.165226	0.007888	5.63E-05	0.007595	0.180765
3408	480363.09	3848877.25	5.11204	6.27398	7.12963	6.71669	1.17E-01	0.00668	0.00011	0.02147	0.14493	1.54E-01	0.00884	8.73E-05	0.013332	1.77E-01	0.178742	0.008935	6.45E-05	0.014707	0.202449
3409	480863.09	3848877.25	4.97415	5.36409	6.30455	8.64092	1.14E-01	0.00571	9.5E-05	0.02763	0.14695	1.50E-01	0.007558	7.72E-05	0.017151	1.75E-01	0.173921	0.007639	5.7E-05	0.018921	0.200538
3410	481363.09	3848877.25	3.94599	4.64054	5.53584	3.26647	9.01E-02	0.00494	8.3E-05	0.01044	0.10552	1.19E-01	0.006538	6.78E-05	0.006484	1.32E-01	0.137971	0.006609	5.01E-05	0.007152	0.151783
3411	481863.09	3848877.25	2.34435	4.12743	3.25301	1.92992	5.35E-02	0.0044	4.9E-05	0.00617	0.06412	7.08E-02	0.005815	3.98E-05	0.003831	8.04E-02	0.08197	0.005878	2.94E-05	0.004226	0.092103
3412	482363.09	3848877.25	2.28155	5.18161	2.43481	1.92	5.21E-02	0.00552	3.7E-05	0.00614	0.06376	6.89E-02	0.007301	2.98E-05	0.003811	8.00E-02	0.079774	0.007379	2.2E-05	0.004204	0.09138

3413	482863.09	3848877.25	1.94825	2.52375	2.5619	2.39893		4.45E-02	0.00269	3.9E-05	0.00767	0.05486		5.88E-02	0.003556	3.14E-05	0.004762	6.71E-02		0.06812	0.003594	2.32E-05	0.005253	0.076991
3414	483363.09	3848877.25	1.72027	5.153	2.33427	2.87076		3.93E-02	0.00549	3.5E-05	0.00918	0.05396		5.19E-02	0.00726	2.86E-05	0.005698	6.49E-02		0.060149	0.007339	2.11E-05	0.006286	0.073795
3415	483863.09	3848877.25	2.38559	4.04693	3.00029	2.72057		5.44E-02	0.00431	4.5E-05	0.0087	0.0675		7.20E-02	0.005702	3.67E-05	0.0054	8.31E-02		0.083412	0.005763	2.71E-05	0.005957	0.09516
3416	484363.09	3848877.25	2.55066	2.40627	3.55122	3.57507		5.82E-02	0.00256	5.4E-05	0.01143	0.07225		7.70E-02	0.00339	4.35E-05	0.007096	8.75E-02		0.089184	0.003427	3.21E-05	0.007828	0.100471
3417	484863.09	3848877.25	2.54027	5.22391	3.53457	3.63133		5.80E-02	0.00557	5.3E-05	0.01161	0.0752		7.67E-02	0.00736	4.33E-05	0.007208	9.13E-02		0.08882	0.00744	3.2E-05	0.007951	0.104243
3418	485363.09	3848877.25	2.50815	3.40311	3.46019	3.50213		5.72E-02	0.00363	5.2E-05	0.0112	0.07211		7.57E-02	0.004795	4.23E-05	0.006951	8.75E-02		0.087697	0.004847	3.13E-05	0.007668	0.100244
3419	485863.09	3848877.25	2.19145	4.63768	2.37525	3.37267		5.00E-02	0.00494	3.6E-05	0.01078	0.06577		6.61E-02	0.006534	2.91E-05	0.006694	7.94E-02		0.076624	0.006605	2.15E-05	0.007385	0.090635
3420	486363.09	3848877.25	1.3897	4.89256	1.28241	3.13422		3.17E-02	0.00521	1.9E-05	0.01002	0.04697		4.19E-02	0.006893	1.57E-05	0.006221	5.51E-02		0.048591	0.006968	1.16E-05	0.006863	0.062433
3421	486863.09	3848877.25	1.11369	1.76545	1.55006	1.73342		2.54E-02	0.00188	2.3E-05	0.00554	0.03286		3.36E-02	0.002487	1.9E-05	0.003441	3.96E-02		0.03894	0.002514	1.4E-05	0.003796	0.045264
3422	487363.09	3848877.25	1.04751	1.71758	1.51466	1.37047		2.39E-02	0.00183	2.3E-05	0.00438	0.03014		3.16E-02	0.00242	1.85E-05	0.00272	3.68E-02		0.036626	0.002446	1.37E-05	0.003001	0.042087
3423	487863.09	3848877.25	0.85171	2.57278	1.06478	1.07235		1.94E-02	0.00274	1.6E-05	0.00343	0.02562		2.57E-02	0.003625	1.3E-05	0.002129	3.15E-02		0.02978	0.003664	9.63E-06	0.002348	0.035802
3424	488363.09	3848877.25	1.00532	2.53477	1.23896	0.97406		2.29E-02	0.0027	1.9E-05	0.00311	0.02878		3.03E-02	0.003571	1.52E-05	0.001933	3.59E-02		0.035151	0.00361	1.12E-05	0.002133	0.040905
3425	488863.09	3848877.25	1.18554	4.35152	1.42338	0.88597		2.71E-02	0.00464	2.1E-05	0.00283	0.03454		3.58E-02	0.006131	1.74E-05	0.001759	4.37E-02		0.041452	0.006197	1.29E-05	0.00194	0.049602
3426	489363.09	3848877.25	1.5248	4.35674	1.60844	0.86502		3.48E-02	0.00464	2.4E-05	0.00277	0.04223		4.60E-02	0.006138	1.97E-05	0.001717	5.39E-02		0.053315	0.006205	1.46E-05	0.001894	0.061428
3427	489863.09	3848877.25	1.61599	1.74228	2.16592	1.58102		3.69E-02	0.00186	3.3E-05	0.00505	0.04382		4.88E-02	0.002455	2.65E-05	0.003138	5.44E-02		0.056503	0.002481	1.96E-05	0.003462	0.062466
3428	490363.09	3848877.25	1.61891	1.67778	2.243	2.39339		3.69E-02	0.00179	3.4E-05	0.00765	0.04642		4.89E-02	0.002364	2.75E-05	0.004751	5.60E-02		0.056605	0.002389	2.03E-05	0.005241	0.064256
3429	490863.09	3848877.25	1.61166	1.37664	2.23718	2.53564		3.68E-02	0.00147	3.4E-05	0.00811	0.04639		4.86E-02	0.00194	2.74E-05	0.005033	5.56E-02		0.056352	0.001961	2.02E-05	0.005552	0.063885
3430	491363.09	3848877.25	1.60418	1.10489	2.22719	2.50267		3.66E-02	0.00118	3.4E-05	0.008	0.04582		4.84E-02	0.001557	2.73E-05	0.004968	5.50E-02		0.05609	0.001574	2.01E-05	0.00548	0.063164
3431	491863.09	3848877.25	1.5957	1.40024	2.21673	2.45587		3.64E-02	0.00149	3.3E-05	0.00785	0.04579		4.82E-02	0.001973	2.71E-05	0.004875	5.50E-02		0.055794	0.001994	2.01E-05	0.005378	0.063185
3432	492363.09	3848877.25	1.57245	2.26225	2.1905	2.4085		3.59E-02	0.00241	3.3E-05	0.0077	0.04603		4.75E-02	0.003187	2.68E-05	0.004781	5.55E-02		0.054981	0.003222	1.98E-05	0.005274	0.063496
3433	492863.09	3848877.25	1.47942	1.84293	2.01543	2.36123		3.38E-02	0.00196	3E-05	0.00755	0.0433		4.47E-02	0.002597	2.47E-05	0.004687	5.20E-02		0.051728	0.002625	1.82E-05	0.00517	0.059541
3434	493363.09	3848877.25	1.27738	3.60258	1.46941	2.31371		2.92E-02	0.00384	2.2E-05	0.0074	0.04041		3.86E-02	0.005076	1.8E-05	0.004592	4.82E-02		0.044664	0.005131	1.33E-05	0.005066	0.054874
3435	493863.09	3848877.25	1.04159	4.37966	1.09746	2.259		2.38E-02	0.00467	1.7E-05	0.00722	0.03567		3.14E-02	0.006171	1.34E-05	0.004484	4.21E-02		0.036419	0.006237	9.93E-06	0.004946	0.047613
3436	494363.09	3848877.25	0.81768	2.77588	1.09765	2.11974		1.87E-02	0.00296	1.7E-05	0.00678	0.02841		2.47E-02	0.003911	1.34E-05	0.004207	3.28E-02		0.02859	0.003953	9.93E-06	0.004642	0.037195
3437	494863.09	3848877.25	0.78477	0.97904	1.09489	1.65752		1.79E-02	0.00104	1.7E-05	0.0053	0.02427		2.37E-02	0.001379	1.34E-05	0.00329	2.84E-02		0.027439	0.001394	9.91E-06	0.003629	0.032473
3438	495363.09	3848877.25	0.78266	0.9337	1.09201	1.08462		1.79E-02	0.00099	1.6E-05	0.00347	0.02234		2.36E-02	0.001316	1.34E-05	0.002153	2.71E-02		0.027366	0.00133	9.88E-06	0.002375	0.03108
3439	495863.09	3848877.25	0.7804	1.81767	1.08911	1.06857		1.78E-02	0.00194	1.6E-05	0.00342	0.02318		2.36E-02	0.002561	1.33E-05	0.002121	2.82E-02		0.027287	0.002589	9.85E-06	0.00234	0.032225
3440	496363.09	3848877.25	0.77574	2.23015	1.08519	1.05261		1.77E-02	0.00238	1.6E-05	0.00337	0.02346		2.34E-02	0.003142	1.33E-05	0.002089	2.87E-02		0.027124	0.003176	9.82E-06	0.002305	0.032614
3441	496863.09	3848877.25	1.02823	3.10268	1.0665	1.0366		2.35E-02	0.00331	1.6E-05	0.00331	0.0301		3.10E-02	0.004371	1.31E-05	0.002058	3.75E-02		0.035952	0.004419	9.65E-06	0.00227	0.04265
3442	497363.09	3848877.25	1.24128	3.77996	1.03468	1.02056		2.83E-02	0.00403	1.6E-05	0.00326	0.03563		3.75E-02	0.005326	1.27E-05	0.002026	4.48E-02		0.043401	0.005383	9.36E-06	0.002235	0.051029
3443	497863.09	3848877.25	1.3703	3.45558	1.42619	1.00444		3.13E-02	0.00368	2.1E-05	0.00321	0.03819		4.14E-02	0.004869	1.75E-05	0.001994	4.82E-02		0.047912	0.004921	1.29E-05	0.002199	0.055046
3444	498363.09	3848877.25	1.42623	2.43617	1.77257	1.04085		3.25E-02	0.0026	2.7E-05	0.00333	0.0385		4.30E-02	0.003432	2.17E-05	0.002066	4.86E-02		0.049868	0.003469	1.6E-05	0.002279	0.055633
3445	471363.09	3849377.25	4.89992	5.31255	6.55795	4.78258		1.12E-01	0.00566	9.9E-05	0.01529	0.13287		1.48E-01	0.007485	8.03E-05	0.009493	1.65E-01		0.171325	0.007566	5.93E-05	0.010472	0.189423
3446	471863.09	3849377.25	4.89516	5.48077	5.79228	4.8157		1.12E-01	0.00584	8.7E-05	0.0154	0.13303		1.48E-01	0.007722	7.09E-05	0.009559	1.65E-01		0.171159	0.007805	5.24E-05	0.010545	0.189562
3447	472363.09	3849377.25	4.86453	6.17582	5.61366	6.99003		1.11E-01	0.00658	8.5E-05	0.02235	0.14002		1.47E-01	0.008701	6.87E-05	0.013874	1.69E-01		0.170088	0.008795	5.08E-05	0.015306	0.19424
3448	472863.09	3849377.25	5.90193	7.18757	7.4193	8.16527		1.35E-01	0.00766	0.00011	0.0261	0.16856		1.78E-01	0.010127	9.08E-05	0.016207	2.05E-01		0.206361	0.010236	6.71E-05	0.017879	0.234543
3449	473363.09	3849377.25	6.18647	7.734	7.43561	8.31905		1.41E-01	0.00824	0.00011	0.0266	0.17613		1.87E-01	0.010897	9.1E-05	0.016512	2.14E-01		0.21631	0.011014	6.73E-05	0.018216	0.245607
3450	473863.09	3849377.25	6.4178	8.74595	7.72475	10.1037		1.46E-01	0.00932	0.00012	0.0323	0.1882		1.94E-01	0.012322	9.45E-05	0.020055	2.26E-01		0.224398	0.012456	6.99E-05	0.022124	0.259047
3451	474363.09	3849377.25	6.31528	9.15204	7.33902	11.04125		1.44E-01	0.00975	0.00011	0.0353	0.18928		1.91E-01	0.012895	8.98E-05	0.021916	2.26E-01		0.220813	0.013034	6.64E-05	0.024177	0.25809
3452	474863.09	3849377.25	7.17415	9.61424	8.41383	11.98147		1.64E-01	0.01024	0.00013	0.03831	0.21239		2.17E-01	0.013546	0.000103	0.023782	2.54E-01		0.250844	0.013692	7.61E-05	0.026235	0.290847
3453	475363.09	3849377.25	7.84552	11.11558	9.13096	12.23787		1.79E-01	0.01184	0.00014	0.03912	0.23015		2.37E-01	0.015661	0.000112	0.024291	2.77E-01		0.274318	0.01583	8.26E-05	0.026797	0.317028
3454	475863.09	3849377.25	8.26638	10.77748	8.851	12.02121		1.89E-01	0.01148	0.00013	0.03843	0.23869		2.49E-01	0.015185	0.000108	0.023861	2.89E-01		0.289034	0.015349	8.01E-05	0.026322	0.330785
3455	476363.09	3849377.25	8.20051	11.1482	9.35241	11.88445		1.87E-01	0.01188	0.00014	0.03799	0.23715		2.47E-01	0.015707	0.000114	0.023589	2.87E-01		0.28673	0.015877	8.46E-05	0.026023	0.328715
3456	476863.09	3849377.25	9.9767	12.81901	11.812	11.84421		2.28E-01	0.01366	0.00018	0.03787	0.27938		3.01E-01	0.018061	0.000145	0.02351	3.43E-01		0.348835	0.018256	0.000107	0.025935	0.393133
3457	477363.09	3849377.25	11.85171	14.75982	11.39991	9.59968		2.70E-01	0.01572	0.00017	0.03069	0.31705		3.58E-01	0.020796	0.00014	0.019054	3.98E-01		0.414394	0.02102	0.000103	0.02102	0.456538
3458	477863.09	3849377.25	13.31942	17.78189	14.863	14.84381		3.04E-01	0.01894	0.00022	0.04746	0.37058		4.02E-01	0.025054	0.000182	0.029463	4.57E-01		0.465713	0.025324	0.000134	0.032503	0.523674
3459	478363.09	3849377.25	12.62518	15.73401	14.58681	13.08142		2.88E-01	0.01676	0.00022	0.04182	0.34692		3.81E-01	0.022168	0.000179	0.025965	4.29E-01		0.441439	0.022408	0.000132	0.028644	0.492622
3460	478863.09	3849377.25	12.74674	15.49769	15.87516	10.57175		2.91E-01	0.01651	0.00024	0.0338	0.34144		3.85E-01	0.021835	0.000194	0.020984	4.28E-01		0.445689	0.022071	0.000144	0.023149	0.491052
3461	479363.09	3849377.25	11.86853	14.58312	14.8173	11.50964		2.71E-01	0.01554	0.00022	0.0368	0.32341		3.58E-01	0.020547	0.000181	0.022845	4.02E-01		0.414982	0.020768	0.000134	0.025202	0.461087
3462	479863.09	3849377.25	9.02329	8.41096	12.23438	7.20536		2.06E-01	0.00896	0.00018	0.02304	0.2381		2.72E-01	0.011851	0.00015	0.014302	2.99E-01		0.315499	0.011978	0.000111	0.015777	0.343365
3463	480363.09	3849377.25	8.17874	8.9107	10.87728	5.6032		1.87E-01	0.00949	0.00016	0.01791	0.21422		2.47E-01	0.012555	0.000133	0.011122	2.71E-01		0.285969	0.01269	9.84E-05	0.012269	0.311027
3464	480863.09	3849377.25	7.15073	9.82145	9.27963	7.94782		1.63E-01	0.01046	0.00014	0.02541	0.1992		2.16E-01	0.013838	0.000114	0.015776	2.46E-01		0.250025	0.013987	8.39E-05	0.017403	0.281499
3465	481363.09	3849377.25	4.73112	5.45341	6.61461	8.56178		1.08E-01	0.00581	1E-04	0.02737	0.14125		1.43E-01	0.007684	8.1E-05	0.016994	1.68E-01		0.165423	0.007766	5.98E-05	0.018747	0.191997
3466	481863.09	3849377.25	2.4647	4.38159	3.04189	2.75204		5.62E-02	0.00467	4.6E-05	0.0088	0.06976		7.44E-02	0.006173	3.72E-05	0.005463	8.61E-02		0.086178	0.00624	2.75E-05	0.006026	0.098472
3467	482363.09	3849377.25	1.86739	4.6332	2.54052	2.05189		4.26E-02	0.00494	3.8E-05	0.00656	0.05415		5.64E-02	0.006528	3.11E-05	0.004073	6.70E-02		0.065293	0.006598	2.3E-05	0.004493	0.076407
3468	482863.09	3849377.25	1.67636	2.64469	2.21417	1.99436		3.83E-02	0.00282	3.3E-05	0.00638	0.04748		5.06E-02	0.003726	2.71E-05	0.003959	5.83E-02		0.058614	0.003766	2E-05	0.004367	0.066767
3469	483363.09	3849377.25	1.76647	4.41467	2.43191	2.85208		4.03E-02	0.0047	3.7E-05	0.00912	0.05417		5.33E-02	0.00622	2.98E-05	0.005661	6.52E-02		0.061765	0.006287	2.2E-05	0.006245	0.074319
3470	483863.09	3849377.25	2.34881	4.95638	2.8019	2.81218		5.36E-02	0.00528	4.2E-05	0.00899	0.06791		7.09E-02	0.006983	3.43E-05	0.005582	8.35E-02		0.082126	0.007059	2.53E-05	0.006158	0.095368
3471	484363.09	3849377.25	2.5673	4.10823	3.57435	3.50421		5.86E-02	0.00438	5.4E-05	0.0112	0.07422		7.75E-02	0.005788	4.37E-05	0.006955	9.03E-02		0.089765	0.005851	3.23E-05	0.007673	0.103322
3472	484863.09	3849377.25	2.5584	5.10348	3.55927	3.64669		5.84E-02	0.00544	5.4E-05	0.01166	0.07553		7.72E-02	0.00719	4.36E-05	0.007238	9.17E-02		0.089454	0.007268	3.22E-05	0.007985	0.10474
3473	485363.09	3849377.25	2.53563	3.59118	3.51517	3.51827		5.79E-02	0.00383	5.3E-05	0.01125	0.07299		7.65E-02	0.00506	4.3E-05	0.006983	8.86E-02		0.088658	0.005114	3.18E-05	0.007704	0.101508

3474	485863.09	3849377.25	2.2905	3.97018	2.64649	3.38886	5.23E-02	0.00423	4E-05	0.01083	0.06737	6.91E-02	0.005594	3.24E-05	0.006727	8.15E-02	0.080087	0.005654	2.39E-05	0.00742	0.093186
3475	486363.09	3849377.25	1.50183	5.61622	1.30563	3.20313	3.43E-02	0.00598	2E-05	0.01024	0.05052	4.53E-02	0.007913	1.6E-05	0.006358	5.96E-02	0.052511	0.007998	1.18E-05	0.007014	0.067535
3476	486863.09	3849377.25	1.15827	1.57837	1.60335	2.00812	2.64E-02	0.00168	2.4E-05	0.00642	0.03456	3.50E-02	0.002224	1.96E-05	0.003986	4.12E-02	0.040499	0.002248	1.45E-05	0.004397	0.047158
3477	487363.09	3849377.25	1.15831	2.51404	1.61122	1.38613	2.64E-02	0.00268	2.4E-05	0.00443	0.03357	3.50E-02	0.003542	1.97E-05	0.002751	4.13E-02	0.0405	0.00358	1.46E-05	0.003035	0.04713
3478	487863.09	3849377.25	1.13666	2.51101	1.60544	1.06964	2.59E-02	0.00268	2.4E-05	0.00342	0.03206	3.43E-02	0.003538	1.96E-05	0.002123	4.00E-02	0.039743	0.003576	1.45E-05	0.002342	0.045676
3479	488363.09	3849377.25	1.10475	3.89995	1.5733	0.96991	2.52E-02	0.00415	2.4E-05	0.0031	0.03249	3.33E-02	0.005495	1.93E-05	0.001925	4.08E-02	0.038628	0.005554	1.42E-05	0.002124	0.04632
3480	488863.09	3849377.25	1.50507	4.94446	1.46332	0.93991	3.43E-02	0.00527	2.2E-05	0.003	0.04264	4.54E-02	0.006966	1.79E-05	0.001866	5.43E-02	0.052625	0.007042	1.32E-05	0.002058	0.061738
3481	489363.09	3849377.25	1.62969	2.52788	2.14912	1.31156	3.72E-02	0.00269	3.2E-05	0.00419	0.04411	4.92E-02	0.003562	2.63E-05	0.002603	5.54E-02	0.056982	0.0036	1.94E-05	0.002872	0.063473
3482	489863.09	3849377.25	1.63575	2.15915	2.26409	2.32352	3.73E-02	0.0023	3.4E-05	0.00743	0.04709	4.94E-02	0.003042	2.77E-05	0.004612	5.71E-02	0.057194	0.003075	2.05E-05	0.005088	0.065377
3483	490363.09	3849377.25	1.62827	1.80008	2.25957	2.54049	3.72E-02	0.00192	3.4E-05	0.00812	0.04723	4.91E-02	0.002536	2.77E-05	0.005043	5.67E-02	0.056932	0.002564	2.04E-05	0.005563	0.065079
3484	490863.09	3849377.25	1.62061	1.23704	2.24938	2.51302	3.70E-02	0.00132	3.4E-05	0.00803	0.04637	4.89E-02	0.001743	2.75E-05	0.004988	5.57E-02	0.056665	0.001762	2.03E-05	0.005503	0.063949
3485	491363.09	3849377.25	1.61273	1.8082	2.23907	2.46624	3.68E-02	0.00193	3.4E-05	0.00788	0.04665	4.87E-02	0.002548	2.74E-05	0.004895	5.61E-02	0.056389	0.002575	2.03E-05	0.0054	0.064385
3486	491863.09	3849377.25	1.59763	2.38639	2.22309	2.41885	3.65E-02	0.00254	3.4E-05	0.00773	0.04677	4.82E-02	0.003362	2.72E-05	0.004801	5.64E-02	0.055861	0.003399	2.01E-05	0.005296	0.064576
3487	492363.09	3849377.25	1.52987	1.51332	2.11444	2.37153	3.49E-02	0.00161	3.2E-05	0.00758	0.04414	4.62E-02	0.002132	2.59E-05	0.004707	5.30E-02	0.053492	0.002155	1.91E-05	0.005193	0.060859
3488	492863.09	3849377.25	1.344	3.17195	1.64446	2.32419	3.07E-02	0.00338	2.5E-05	0.00743	0.04151	4.06E-02	0.004469	2.01E-05	0.004613	4.97E-02	0.046993	0.004517	1.49E-05	0.005089	0.056614
3489	493363.09	3849377.25	1.10029	4.62018	1.10635	2.27448	2.51E-02	0.00492	1.7E-05	0.00727	0.03732	3.32E-02	0.00651	1.35E-05	0.004515	4.42E-02	0.038472	0.00658	1E-05	0.00498	0.050042
3490	493863.09	3849377.25	0.87609	3.27709	1.10408	2.17845	2.00E-02	0.00349	1.7E-05	0.00696	0.03047	2.64E-02	0.004617	1.35E-05	0.004324	3.54E-02	0.030632	0.004667	9.99E-06	0.00477	0.04008
3491	494363.09	3849377.25	0.7893	1.22055	1.10117	1.8167	1.80E-02	0.0013	1.7E-05	0.00581	0.02514	2.38E-02	0.00172	1.35E-05	0.003606	2.92E-02	0.027598	0.001738	9.96E-06	0.003978	0.033324
3492	494863.09	3849377.25	0.78717	1.83178	1.09826	1.07944	1.80E-02	0.00195	1.7E-05	0.00345	0.02338	2.38E-02	0.002581	1.34E-05	0.002143	2.85E-02	0.027523	0.002609	9.94E-06	0.002364	0.032506
3493	495363.09	3849377.25	0.81097	2.34221	1.09531	1.0634	1.85E-02	0.0025	1.7E-05	0.0034	0.02442	2.45E-02	0.0033	1.34E-05	0.002111	2.99E-02	0.028356	0.003336	9.91E-06	0.002328	0.03403
3494	495863.09	3849377.25	1.08372	3.36298	1.0905	1.04736	2.47E-02	0.00358	1.6E-05	0.00335	0.03168	3.27E-02	0.004738	1.33E-05	0.002079	3.95E-02	0.037892	0.004789	9.87E-06	0.002293	0.044985
3495	496363.09	3849377.25	1.2956	3.99753	1.0611	1.03136	2.96E-02	0.00426	1.6E-05	0.0033	0.03714	3.91E-02	0.005632	1.3E-05	0.002047	4.68E-02	0.045301	0.005693	9.6E-06	0.002258	0.053262
3496	496863.09	3849377.25	1.41084	3.46951	1.52929	1.01532	3.22E-02	0.0037	2.3E-05	0.00325	0.03916	4.26E-02	0.004888	1.87E-05	0.002015	4.95E-02	0.04933	0.004941	1.38E-05	0.002223	0.056508
3497	497363.09	3849377.25	1.45272	2.2707	1.85207	1.06542	3.32E-02	0.00242	2.8E-05	0.00341	0.03901	4.38E-02	0.003199	2.27E-05	0.002115	4.92E-02	0.050794	0.003234	1.68E-05	0.002333	0.056378
3498	497863.09	3849377.25	1.45995	2.08592	1.98515	1.59905	3.33E-02	0.00222	3E-05	0.00511	0.04068	4.41E-02	0.002939	2.43E-05	0.003174	5.02E-02	0.051047	0.002971	1.8E-05	0.003501	0.057537
3499	498363.09	3849377.25	1.45663	1.41208	2.02064	1.94009	3.32E-02	0.0015	3E-05	0.0062	0.04098	4.40E-02	0.00199	2.47E-05	0.003851	4.98E-02	0.050931	0.002011	1.83E-05	0.004248	0.057208
3500	471363.09	3849877.25	4.73624	4.95734	6.10091	4.26448	1.08E-01	0.00528	9.2E-05	0.01363	0.12709	1.43E-01	0.006985	7.47E-05	0.008465	1.58E-01	0.165602	0.00706	5.52E-05	0.009338	0.182055
3501	471863.09	3849877.25	4.85586	6.1193	6.07898	4.60953	1.11E-01	0.00652	9.2E-05	0.01474	0.13216	1.47E-01	0.008622	7.44E-05	0.009149	1.64E-01	0.169785	0.008715	5.5E-05	0.010093	0.188648
3502	472363.09	3849877.25	5.17695	5.91716	6.92796	5.68506	1.18E-01	0.0063	0.0001	0.01818	0.14273	1.56E-01	0.008337	8.48E-05	0.011284	1.76E-01	0.181012	0.008427	6.27E-05	0.012448	0.20195
3503	472863.09	3849877.25	5.10702	5.74907	6.15169	5.40239	1.17E-01	0.00612	9.3E-05	0.01727	0.14004	1.54E-01	0.0081	7.53E-05	0.010723	1.73E-01	0.178567	0.008188	5.57E-05	0.011829	0.198639
3504	473363.09	3849877.25	5.28278	6.66383	6.17928	7.75113	1.21E-01	0.0071	9.3E-05	0.02478	0.15253	1.59E-01	0.009389	7.56E-05	0.015385	1.84E-01	0.184712	0.00949	5.59E-05	0.016972	0.211231
3505	473863.09	3849877.25	6.23121	7.71486	7.82459	8.88779	1.42E-01	0.00822	0.00012	0.02841	0.17895	1.88E-01	0.01087	9.58E-05	0.017641	2.17E-01	0.217874	0.010987	7.08E-05	0.019461	0.248393
3506	474363.09	3849877.25	6.20443	8.15999	7.45219	9.54368	1.42E-01	0.00869	0.00011	0.03051	0.18091	1.87E-01	0.011497	9.12E-05	0.018943	2.18E-01	0.216938	0.011621	6.74E-05	0.020897	0.249523
3507	474863.09	3849877.25	6.58535	9.39721	7.87656	11.07221	1.50E-01	0.01001	0.00012	0.0354	0.19581	1.99E-01	0.01324	9.64E-05	0.021977	2.34E-01	0.230256	0.013383	7.13E-05	0.024244	0.267955
3508	475363.09	3849877.25	7.20128	10.02496	8.04298	11.89567	1.64E-01	0.01068	0.00012	0.03803	0.21317	2.17E-01	0.014125	9.84E-05	0.023612	2.55E-01	0.251792	0.014277	7.28E-05	0.026048	0.29219
3509	475863.09	3849877.25	7.83213	10.63818	9.22973	12.8827	1.79E-01	0.01133	0.00014	0.04119	0.23139	2.36E-01	0.014989	0.000113	0.025571	2.77E-01	0.27385	0.01515	8.35E-05	0.028209	0.317293
3510	476363.09	3849877.25	7.775	10.85746	8.89579	11.89965	1.77E-01	0.01157	0.00013	0.03804	0.22718	2.35E-01	0.015297	0.000109	0.02362	2.74E-01	0.271852	0.015463	8.05E-05	0.026056	0.313452
3511	476863.09	3849877.25	8.65551	11.60417	9.675	14.05782	1.98E-01	0.01236	0.00015	0.04494	0.25498	2.61E-01	0.01635	0.000118	0.027903	3.06E-01	0.302639	0.016526	8.75E-05	0.030782	0.350035
3512	477363.09	3849877.25	9.24668	11.6262	9.94244	14.34033	2.11E-01	0.01239	0.00015	0.04585	0.2694	2.79E-01	0.016381	0.000122	0.028464	3.24E-01	0.32331	0.016557	8.99E-05	0.031401	0.371358
3513	477863.09	3849877.25	10.55412	13.28725	11.17213	12.91397	2.41E-01	0.01416	0.00017	0.04129	0.29646	3.19E-01	0.018721	0.000137	0.025633	3.63E-01	0.369024	0.018923	0.000101	0.028277	0.416326
3514	478363.09	3849877.25	13.20985	17.94322	15.28508	17.24023	3.01E-01	0.01912	0.00023	0.05512	0.37592	3.99E-01	0.025281	0.000187	0.03422	4.58E-01	0.461882	0.025554	0.000138	0.03775	0.525324
3515	478863.09	3849877.25	12.81917	16.27024	14.064	16.46875	2.93E-01	0.01733	0.00021	0.05265	0.36274	3.87E-01	0.022924	0.000172	0.032689	4.43E-01	0.448222	0.023171	0.000127	0.036061	0.507581
3516	479363.09	3849877.25	14.06652	17.20278	17.31103	13.86141	3.21E-01	0.01833	0.00026	0.04432	0.38391	4.25E-01	0.024238	0.000212	0.027513	4.77E-01	0.491835	0.024499	0.000157	0.030352	0.546843
3517	479863.09	3849877.25	13.36586	17.03174	16.97184	15.36873	3.05E-01	0.01814	0.00026	0.04913	0.37255	4.03E-01	0.023997	0.000208	0.030505	4.58E-01	0.467337	0.024256	0.000154	0.033652	0.525398
3518	480363.09	3849877.25	11.86946	12.25444	15.72921	9.75399	2.71E-01	0.01306	0.00024	0.03118	0.31535	3.58E-01	0.017266	0.000193	0.019361	3.95E-01	0.415015	0.017452	0.000142	0.021358	0.453967
3519	480863.09	3849877.25	8.26468	9.48846	11.55746	5.11383	1.89E-01	0.01011	0.00017	0.01635	0.21524	2.49E-01	0.013369	0.000141	0.01015	2.73E-01	0.288974	0.013513	0.000105	0.011198	0.313789
3520	481363.09	3849877.25	5.60611	7.15591	7.3405	8.91851	1.28E-01	0.00762	0.00011	0.02851	0.16418	1.69E-01	0.010082	8.98E-05	0.017702	1.97E-01	0.196017	0.010191	6.64E-05	0.019529	0.225803
3521	481863.09	3849877.25	4.01146	5.12113	4.90552	4.01337	9.15E-02	0.00546	7.4E-05	0.01283	0.10991	1.21E-01	0.007215	6E-05	0.007966	1.36E-01	0.14026	0.007293	4.44E-05	0.008788	0.156386
3522	482363.09	3849877.25	1.66035	4.28004	2.33398	2.17983	3.79E-02	0.00456	3.5E-05	0.00697	0.04945	5.01E-02	0.00603	2.86E-05	0.004327	6.05E-02	0.058054	0.006095	2.11E-05	0.004773	0.068944
3523	482863.09	3849877.25	1.67419	2.6705	1.95851	2.03811	3.82E-02	0.00284	3E-05	0.00652	0.0476	5.05E-02	0.003763	2.4E-05	0.004045	5.84E-02	0.058538	0.003803	1.77E-05	0.004463	0.066822
3524	483363.09	3849877.25	1.78916	3.49432	2.47357	2.7492	4.08E-02	0.00372	3.7E-05	0.00879	0.05338	5.40E-02	0.004923	3.03E-05	0.005457	6.44E-02	0.062558	0.004976	2.24E-05	0.00602	0.073577
3525	483863.09	3849877.25	2.29689	5.94436	2.52942	2.87413	5.24E-02	0.00633	3.8E-05	0.00919	0.06798	6.93E-02	0.008375	3.1E-05	0.005705	8.34E-02	0.080311	0.008466	2.29E-05	0.006293	0.095093
3526	484363.09	3849877.25	2.58358	3.76249	3.59694	3.38988	5.90E-02	0.00401	5.4E-05	0.01084	0.07386	7.80E-02	0.005301	4.4E-05	0.006729	9.00E-02	0.090335	0.005358	3.25E-05	0.007423	0.103148
3527	484863.09	3849877.25	2.57845	5.1561	3.58472	3.66338	5.88E-02	0.00549	5.4E-05	0.01171	0.0761	7.78E-02	0.007265	4.39E-05	0.007271	9.24E-02	0.090155	0.007343	3.24E-05	0.008022	0.105552
3528	485363.09	3849877.25	2.55902	3.05642	3.55537	3.53437	5.84E-02	0.00326	5.4E-05	0.0113	0.07301	7.72E-02	0.004306	4.35E-05	0.007015	8.86E-02	0.089476	0.004353	3.22E-05	0.007739	0.1016
3529	485863.09	3849877.25	2.38099	3.27929	2.91118	3.40525	5.43E-02	0.00349	4.4E-05	0.01089	0.06876	7.19E-02	0.00462	3.56E-05	0.006759	8.33E-02	0.083251	0.00467	2.63E-05	0.007456	0.095404
3530	486363.09	3849877.25	1.6179	6.31983	1.50455	3.2504	3.69E-02	0.00673	2.3E-05	0.01039	0.05407	4.88E-02	0.008904	1.84E-05	0.006452	6.42E-02	0.05657	0.009	1.36E-05	0.007117	0.072701
3531	486863.09	3849877.25	1.60674	2.00983	2.36998	2.28248	3.67E-02	0.00214	3.6E-05	0.0073	0.04614	4.85E-02	0.002832	2.9E-05	0.00453	5.59E-02	0.05618	0.002862	2.14E-05	0.004998	0.064061
3532	487363.09	3849877.25	1.16589	2.83212	1.62089	1.40359	2.66E-02	0.00302	2.4E-05	0.00449	0.03414	3.52E-02	0.00399	1.98E-05	0.002786	4.20E-02	0.040765	0.004033	1.47E-05	0.003073	0.047887
3533	487863.09	3849877.25	1.1611	3.19225	1.61497	1.06718	2.65E-02	0.0034	2.4E-05	0.00341	0.03333	3.50E-02	0.004498	1.98E-05	0.002118	4.17E-02	0.040598	0.004546	1.46E-05	0.002337	0.047495
3534	488363.09	3849877.25	1.47191	5.41177	1.59472	1.44667	3.36E-02	0.00577	2.4E-05	0.00463	0.044	4.44E-02	0.007625	1.95E-05	0.002871	5.49E-02	0.051465	0.007707	1.44E-05	0.003168	0.062355

3535	488863.09	3849877.25	1.64257	2.87156	2.11309	1.60068		3.75E-02	0.00306	3.2E-05	0.00512	0.04569		4.96E-02	0.004046	2.59E-05	0.003177	5.68E-02		0.057432	0.00409	1.91E-05	0.003505	0.065046
3536	489363.09	3849877.25	1.65317	2.91152	2.28515	2.21931		3.77E-02	0.0031	3.4E-05	0.0071	0.04796		4.99E-02	0.004102	2.8E-05	0.004405	5.84E-02		0.057803	0.004146	2.07E-05	0.00486	0.06683
3537	489863.09	3849877.25	1.64538	2.08977	2.28255	2.54294		3.75E-02	0.00223	3.4E-05	0.00813	0.04794		4.97E-02	0.002944	2.79E-05	0.005047	5.77E-02		0.057531	0.002976	2.06E-05	0.005568	0.066096
3538	490363.09	3849877.25	1.6375	1.32395	2.27211	2.52333		3.74E-02	0.00141	3.4E-05	0.00807	0.04688		4.94E-02	0.001865	2.78E-05	0.005009	5.63E-02		0.057255	0.001885	2.06E-05	0.005525	0.064686
3539	490863.09	3849877.25	1.62964	2.23599	2.26163	2.47657		3.72E-02	0.00238	3.4E-05	0.00792	0.04752		4.92E-02	0.00315	2.77E-05	0.004916	5.73E-02		0.05698	0.003184	2.05E-05	0.005423	0.065608
3540	491363.09	3849877.25	1.61901	2.32392	2.24966	2.4292		3.69E-02	0.00248	3.4E-05	0.00777	0.04722		4.89E-02	0.003274	2.75E-05	0.004822	5.70E-02		0.056609	0.00331	2.04E-05	0.005319	0.065258
3541	491863.09	3849877.25	1.57399	1.09542	2.18976	2.38188		3.59E-02	0.00117	3.3E-05	0.00761	0.04473		4.75E-02	0.001543	2.68E-05	0.004728	5.38E-02		0.055034	0.00156	1.98E-05	0.005216	0.06183
3542	492363.09	3849877.25	1.41254	2.60741	1.81986	2.3346		3.22E-02	0.00278	2.7E-05	0.00746	0.0425		4.26E-02	0.003674	2.23E-05	0.004634	5.10E-02		0.049389	0.003713	1.65E-05	0.005112	0.058231
3543	492863.09	3849877.25	1.16118	4.71664	1.11335	2.28671		2.65E-02	0.00502	1.7E-05	0.00731	0.03885		3.50E-02	0.006645	1.36E-05	0.004539	4.62E-02		0.040601	0.006717	1.01E-05	0.005007	0.052335
3544	493363.09	3849877.25	0.93428	3.83188	1.11047	2.21752		2.13E-02	0.00408	1.7E-05	0.00709	0.03251		2.82E-02	0.005399	1.36E-05	0.004402	3.80E-02		0.032667	0.005457	1E-05	0.004856	0.04299
3545	493863.09	3849877.25	0.79388	1.8344	1.10751	1.9554		1.81E-02	0.00195	1.7E-05	0.00625	0.02634		2.40E-02	0.002585	1.36E-05	0.003881	3.04E-02		0.027758	0.002612	1E-05	0.004282	0.034662
3546	494363.09	3849877.25	0.85554	2.46562	1.10456	1.23627		1.95E-02	0.00263	1.7E-05	0.00395	0.02612		2.58E-02	0.003474	1.35E-05	0.002454	3.18E-02		0.029914	0.003511	9.99E-06	0.002707	0.036142
3547	494863.09	3849877.25	1.144	3.65918	1.10155	1.05812		2.61E-02	0.0039	1.7E-05	0.00338	0.0334		3.45E-02	0.005156	1.35E-05	0.0021	4.18E-02		0.04	0.005211	9.97E-06	0.002317	0.047538
3548	495363.09	3849877.25	1.35091	4.21791	1.1078	1.04211		3.08E-02	0.00449	1.7E-05	0.00333	0.03867		4.08E-02	0.005943	1.36E-05	0.002068	4.88E-02		0.047234	0.006007	1E-05	0.002282	0.055533
3549	495863.09	3849877.25	1.44891	3.44035	1.63737	1.02608		3.31E-02	0.00367	2.5E-05	0.00328	0.04004		4.37E-02	0.004847	2E-05	0.002037	5.06E-02		0.050661	0.0049	1.48E-05	0.002247	0.057822
3550	496363.09	3849877.25	1.47644	2.06065	1.92711	1.15345		3.37E-02	0.0022	2.9E-05	0.00369	0.03961		4.46E-02	0.002903	2.36E-05	0.002289	4.98E-02		0.051624	0.002935	1.74E-05	0.002526	0.057101
3551	496863.09	3849877.25	1.47704	2.15227	2.02738	1.69212		3.37E-02	0.00229	3.1E-05	0.00541	0.04144		4.46E-02	0.003032	2.48E-05	0.003359	5.10E-02		0.051645	0.003065	1.83E-05	0.003705	0.058433
3552	497363.09	3849877.25	1.47187	1.99293	2.04735	1.99889		3.36E-02	0.00212	3.1E-05	0.00639	0.04213		4.44E-02	0.002808	2.51E-05	0.003968	5.12E-02		0.051464	0.002838	1.85E-05	0.004377	0.058697
3553	497863.09	3849877.25	1.46652	1.16268	2.0455	2.10741		3.35E-02	0.00124	3.1E-05	0.00674	0.04147		4.43E-02	0.001638	2.5E-05	0.004183	5.01E-02		0.051277	0.001656	1.85E-05	0.004615	0.057566
3554	498363.09	3849877.25	1.46153	0.88943	2.03951	2.12161		3.34E-02	0.00095	3.1E-05	0.00678	0.04111		4.41E-02	0.001253	2.5E-05	0.004211	4.96E-02		0.051102	0.001267	1.85E-05	0.004646	0.057033
3555	471363.09	3850377.25	2.57891	3.11367	3.61361	2.59126		5.89E-02	0.00332	5.4E-05	0.00828	0.07051		7.78E-02	0.004387	4.42E-05	0.005143	8.74E-02		0.090171	0.004434	3.27E-05	0.005674	0.100312
3556	471863.09	3850377.25	4.30456	4.82289	5.91716	4.55463		9.82E-02	0.00514	8.9E-05	0.01456	0.11802		1.30E-01	0.006795	7.24E-05	0.00904	1.46E-01		0.150509	0.006869	5.35E-05	0.009973	0.167404
3557	472363.09	3850377.25	5.18013	5.19379	6.81266	5.17803		1.18E-01	0.00553	0.0001	0.01655	0.1404		1.56E-01	0.007318	8.34E-05	0.010278	1.74E-01		0.181123	0.007397	6.16E-05	0.011338	0.199919
3558	472863.09	3850377.25	5.11953	6.50392	6.58706	5.5692		1.17E-01	0.00693	9.9E-05	0.0178	0.14166		1.55E-01	0.009164	8.06E-05	0.011054	1.75E-01		0.179004	0.009263	5.96E-05	0.012195	0.200521
3559	473363.09	3850377.25	5.49867	6.71208	7.46401	5.99885		1.25E-01	0.00715	0.00011	0.01918	0.15193		1.66E-01	0.009457	9.14E-05	0.011907	1.87E-01		0.192261	0.009559	6.75E-05	0.013135	0.215023
3560	473863.09	3850377.25	5.66887	6.09454	6.969	5.91906		1.29E-01	0.00649	0.00011	0.01892	0.15489		1.71E-01	0.008587	8.53E-05	0.011749	1.92E-01		0.198212	0.00868	6.3E-05	0.012961	0.219915
3561	474363.09	3850377.25	5.65617	7.20196	6.67557	8.64868		1.29E-01	0.00767	0.0001	0.02765	0.1645		1.71E-01	0.010147	8.17E-05	0.017167	1.98E-01		0.197768	0.010257	6.04E-05	0.018938	0.227022
3562	474863.09	3850377.25	6.43	8.29358	8.02799	9.71115		1.47E-01	0.00884	0.00012	0.03105	0.18674		1.94E-01	0.011685	9.83E-05	0.019276	2.25E-01		0.224825	0.011811	7.26E-05	0.021264	0.257973
3563	475363.09	3850377.25	6.21487	8.91754	7.49967	11.14674		1.42E-01	0.0095	0.00011	0.03564	0.18708		1.88E-01	0.012564	9.18E-05	0.022125	2.22E-01		0.217303	0.0127	6.78E-05	0.024408	0.254478
3564	475863.09	3850377.25	6.8243	9.74624	8.2187	12.4929		1.56E-01	0.01038	0.00012	0.03994	0.20618		2.06E-01	0.013732	0.000101	0.024797	2.45E-01		0.238611	0.01388	7.44E-05	0.027355	0.279921
3565	476363.09	3850377.25	7.99886	11.20031	9.32091	13.8816		1.83E-01	0.01193	0.00014	0.04438	0.23899		2.41E-01	0.015781	0.000114	0.027554	2.85E-01		0.27968	0.015951	8.43E-05	0.030396	0.326111
3566	476863.09	3850377.25	8.43077	12.089	9.67643	14.80544		1.92E-01	0.01288	0.00015	0.04733	0.25276		2.54E-01	0.017033	0.000118	0.029387	3.01E-01		0.294781	0.017217	8.75E-05	0.032419	0.344504
3567	477363.09	3850377.25	9.00799	11.64968	9.65361	15.08182		2.06E-01	0.01241	0.00015	0.04822	0.26634		2.72E-01	0.016414	0.000118	0.029936	3.18E-01		0.314964	0.016591	8.73E-05	0.033024	0.364666
3568	477863.09	3850377.25	9.5454	11.77492	9.7539	14.36258		2.18E-01	0.01254	0.00015	0.04592	0.27644		2.88E-01	0.01659	0.000119	0.028508	3.33E-01		0.333754	0.016769	8.82E-05	0.031449	0.382061
3569	478363.09	3850377.25	10.92447	13.14437	12.28352	14.95926		2.49E-01	0.014	0.00019	0.04783	0.31132		3.30E-01	0.01852	0.00015	0.029693	3.78E-01		0.381973	0.01872	0.000111	0.032756	0.43356
3570	478863.09	3850377.25	12.62412	17.11911	13.209	20.72918		2.88E-01	0.01824	0.0002	0.06627	0.3728		3.81E-01	0.02412	0.000162	0.041145	4.46E-01		0.441402	0.02438	0.000119	0.04539	0.511291
3571	479363.09	3850377.25	12.24492	15.56305	12.58342	19.31589		2.79E-01	0.01658	0.00019	0.06175	0.35796		3.70E-01	0.021927	0.000154	0.03834	4.30E-01		0.428143	0.022164	0.000114	0.042295	0.492716
3572	479863.09	3850377.25	14.52925	18.48945	17.60948	18.08167		3.32E-01	0.0197	0.00027	0.05781	0.40934		4.39E-01	0.02605	0.000216	0.03589	5.01E-01		0.508014	0.026332	0.000159	0.039593	0.574098
3573	480363.09	3850377.25	14.8954	18.26665	18.60701	17.34279		3.40E-01	0.01946	0.00028	0.05545	0.41511		4.50E-01	0.025737	0.000228	0.034424	5.10E-01		0.520817	0.026014	0.000168	0.037975	0.584974
3574	480863.09	3850377.25	13.62627	15.59892	17.21079	13.45447		3.11E-01	0.01662	0.00026	0.04301	0.37085		4.11E-01	0.021978	0.000211	0.026706	4.60E-01		0.476442	0.022215	0.000156	0.029461	0.528273
3575	481363.09	3850377.25	8.32361	10.97426	11.67484	6.65305		1.90E-01	0.01169	0.00018	0.02127	0.22309		2.51E-01	0.015462	0.000143	0.013206	2.80E-01		0.291035	0.015629	0.000106	0.014568	0.321337
3576	481863.09	3850377.25	6.03883	7.14574	8.55065	9.46219		1.38E-01	0.00761	0.00013	0.03025	0.1758		1.82E-01	0.010068	0.000105	0.018781	2.11E-01		0.211147	0.010177	7.74E-05	0.020719	0.24212
3577	482363.09	3850377.25	4.77901	5.65097	6.76906	7.12488		1.09E-01	0.00602	0.0001	0.02278	0.13796		1.44E-01	0.007962	8.28E-05	0.014142	1.66E-01		0.167098	0.008048	6.12E-05	0.015601	0.190808
3578	482863.09	3850377.25	2.7846	6.10619	3.11666	2.19164		6.35E-02	0.00651	4.7E-05	0.00701	0.07711		8.40E-02	0.008603	3.81E-05	0.00435	9.70E-02		0.097363	0.008696	2.82E-05	0.004799	0.110887
3579	483363.09	3850377.25	2.33573	2.78155	3.21981	2.49736		5.33E-02	0.00296	4.9E-05	0.00798	0.0643		7.05E-02	0.003919	3.94E-05	0.004957	7.94E-02		0.081669	0.003961	2.91E-05	0.005468	0.091128
3580	483863.09	3850377.25	2.78012	6.91873	3.94635	2.91451		6.34E-02	0.00737	5.9E-05	0.00932	0.08019		8.39E-02	0.009748	4.83E-05	0.005785	9.95E-02		0.097207	0.009853	3.57E-05	0.006382	0.113478
3581	484363.09	3850377.25	3.03246	3.93413	3.82499	3.21481		6.92E-02	0.00419	5.8E-05	0.01028	0.08373		9.15E-02	0.005543	4.68E-05	0.006381	1.03E-01		0.10603	0.005603	3.46E-05	0.007039	0.118707
3582	484863.09	3850377.25	2.61169	6.7441	3.61298	3.67861		5.96E-02	0.00718	5.4E-05	0.01176	0.0786		7.88E-02	0.009502	4.42E-05	0.007302	9.57E-02		0.091318	0.009605	3.27E-05	0.008055	0.10901
3583	485363.09	3850377.25	2.58342	4.11715	3.58936	3.55048		5.90E-02	0.00439	5.4E-05	0.01135	0.07475		7.80E-02	0.005801	4.39E-05	0.007047	9.09E-02		0.090329	0.005863	3.25E-05	0.007774	0.103999
3584	485863.09	3850377.25	2.46032	3.65138	3.15177	3.42138		5.61E-02	0.00389	4.7E-05	0.01094	0.07102		7.43E-02	0.005145	3.86E-05	0.006791	8.62E-02		0.086025	0.0052	2.85E-05	0.007492	0.098745
3585	486363.09	3850377.25	1.82408	6.93089	2.5436	3.28197		4.16E-02	0.00738	3.8E-05	0.01049	0.05954		5.51E-02	0.009765	3.11E-05	0.006514	7.14E-02		0.063779	0.009871	2.3E-05	0.007186	0.080859
3586	486863.09	3850377.25	1.81599	2.93687	2.53235	2.54299		4.14E-02	0.00313	3.8E-05	0.00813	0.05274		5.48E-02	0.004138	3.1E-05	0.005048	6.40E-02		0.063496	0.004183	2.29E-05	0.005568	0.07327
3587	487363.09	3850377.25	1.47042	3.48427	1.78567	1.66048		3.36E-02	0.00371	2.7E-05	0.00531	0.0426		4.44E-02	0.004909	2.19E-05	0.003296	5.26E-02		0.051413	0.004962	1.62E-05	0.003636	0.060027
3588	487863.09	3850377.25	1.42029	5.62189	1.62457	1.61825		3.24E-02	0.00599	2.4E-05	0.00517	0.0436		4.29E-02	0.007921	1.99E-05	0.003212	5.40E-02		0.04966	0.008006	1.47E-05	0.003543	0.061225
3589	488363.09	3850377.25	1.65392	3.67491	2.0468	1.59288		3.77E-02	0.00392	3.1E-05	0.00509	0.04678		4.99E-02	0.005178	2.51E-05	0.003162	5.83E-02		0.057829	0.005234	1.85E-05	0.003488	0.066569
3590	488863.09	3850377.25	1.67133	2.23338	2.30596	2.06666		3.81E-02	0.00238	3.5E-05	0.00661	0.04716		5.04E-02	0.003147	2.82E-05	0.004102	5.77E-02		0.058438	0.003181	2.09E-05	0.004525	0.066165
3591	489363.09	3850377.25	1.66309	3.03186	2.30623	2.54111		3.80E-02	0.00323	3.5E-05	0.00812	0.04934		5.02E-02	0.004272	2.82E-05	0.005044	5.95E-02		0.05815	0.004318	2.09E-05	0.005564	0.068053
3592	489863.09	3850377.25	1.65495	1.77015	2.29551	2.53354		3.78E-02	0.00189	3.5E-05	0.0081	0.04779		4.99E-02	0.002494	2.81E-05	0.005029	5.75E-02		0.057865	0.002521	2.08E-05	0.005548	0.065955
3593	490363.09	3850377.25	1.64689	2.60977	2.28474	2.48693		3.76E-02	0.00278	3.4E-05	0.00795	0.04835		4.97E-02	0.003677	2.8E-05	0.004936	5.83E-02		0.057583	0.003717	2.07E-05	0.005446	0.066766
3594	490863.09	3850377.25	1.63808	2.29203	2.27375	2.43956		3.74E-02	0.00244	3.4E-05	0.0078	0.04766		4.94E-02	0.003229	2.78E-05	0.004842	5.75E-02		0.057275	0.003264	2.06E-05	0.005342	0.065902
3595	491363.09	3850377.25	1.61063	2.47367	2.24324	2.39224		3.68E-02	0.00264	3.4E-05	0.00765	0.04707		4.86E-02	0.003485	2.75E-05	0.004748	5.69E-02		0.056316	0.003523	2.03E-05	0.005238	0.065097

3596	491863.09	3850377.25	1.48111	1.96129	1.98379	2.34492	3.38E-02	0.00209	3E-05	0.0075	0.04342	4.47E-02	0.002763	2.43E-05	0.004654	5.21E-02	0.051787	0.002793	1.79E-05	0.005135	0.059733
3597	492363.09	3850377.25	1.22619	4.61199	1.25008	2.29751	2.80E-02	0.00491	1.9E-05	0.00735	0.04026	3.70E-02	0.006498	1.53E-05	0.00456	4.81E-02	0.042874	0.006568	1.13E-05	0.005031	0.054484
3598	492863.09	3850377.25	0.99098	4.41211	1.11691	2.24228	2.26E-02	0.0047	1.7E-05	0.00717	0.0345	2.99E-02	0.006216	1.37E-05	0.004451	4.06E-02	0.03465	0.006283	1.01E-05	0.00491	0.045853
3599	493363.09	3850377.25	0.90556	2.60158	1.11391	2.06626	2.07E-02	0.00277	1.7E-05	0.00661	0.03006	2.73E-02	0.003665	1.36E-05	0.004101	3.51E-02	0.031663	0.003705	1.01E-05	0.004524	0.039902
3600	493863.09	3850377.25	1.20934	3.99818	1.11093	1.4398	2.76E-02	0.00426	1.7E-05	0.0046	0.03648	3.65E-02	0.005633	1.36E-05	0.002858	4.50E-02	0.042285	0.005694	1.01E-05	0.003153	0.051141
3601	494363.09	3850377.25	1.40623	4.43562	1.2194	1.05289	3.21E-02	0.00473	1.8E-05	0.00337	0.0402	4.24E-02	0.00625	1.49E-05	0.00209	5.08E-02	0.049169	0.006317	1.1E-05	0.002305	0.057802
3602	494863.09	3850377.25	1.48355	3.35314	1.74849	1.03687	3.39E-02	0.00357	2.6E-05	0.00331	0.04077	4.48E-02	0.004724	2.14E-05	0.002058	5.16E-02	0.051872	0.004775	1.58E-05	0.00227	0.058934
3603	495363.09	3850377.25	1.49734	1.80408	1.99545	1.25214	3.42E-02	0.00192	3E-05	0.004	0.04013	4.52E-02	0.002542	2.44E-05	0.002485	5.02E-02	0.052354	0.002569	1.81E-05	0.002742	0.057684
3604	495863.09	3850377.25	1.49308	1.68492	2.06378	1.78639	3.41E-02	0.0018	3.1E-05	0.00571	0.04161	4.51E-02	0.002374	2.53E-05	0.003546	5.10E-02	0.052205	0.0024	1.87E-05	0.003912	0.058535
3605	496363.09	3850377.25	1.48704	2.31934	2.07187	2.05024	3.39E-02	0.00247	3.1E-05	0.00655	0.04299	4.49E-02	0.003268	2.54E-05	0.00407	5.22E-02	0.051994	0.003303	1.87E-05	0.004489	0.059805
3606	496863.09	3850377.25	1.48167	1.79084	2.06719	2.12385	3.38E-02	0.00191	3.1E-05	0.00679	0.04254	4.47E-02	0.002523	2.53E-05	0.004216	5.15E-02	0.051807	0.00255	1.87E-05	0.004651	0.059026
3607	497363.09	3850377.25	1.47669	1.36858	2.06066	2.12286	3.37E-02	0.00146	3.1E-05	0.00679	0.04198	4.46E-02	0.001928	2.52E-05	0.004214	5.07E-02	0.051632	0.001949	1.86E-05	0.004648	0.058248
3608	497863.09	3850377.25	1.47181	1.34749	2.05397	2.10378	3.36E-02	0.00144	3.1E-05	0.00673	0.04178	4.44E-02	0.001899	2.51E-05	0.004176	5.05E-02	0.051462	0.001919	1.86E-05	0.004607	0.058006
3609	498363.09	3850377.25	1.46689	1.53586	2.04728	2.08088	3.35E-02	0.00164	3.1E-05	0.00665	0.0418	4.43E-02	0.002164	2.51E-05	0.00413	5.06E-02	0.05129	0.002187	1.85E-05	0.004556	0.058052
3610	471363.09	3850877.25	3.33584	4.71065	3.85418	2.92314	7.61E-02	0.00502	5.8E-05	0.00935	0.09055	1.01E-01	0.006637	4.72E-05	0.005802	1.13E-01	0.116637	0.006709	3.49E-05	0.006401	0.129782
3611	471863.09	3850877.25	3.45155	5.35633	4.64635	3.38286	7.88E-02	0.00571	7E-05	0.01082	0.09536	1.04E-01	0.007547	5.69E-05	0.006715	1.18E-01	0.120683	0.007628	4.2E-05	0.007407	0.135761
3612	472363.09	3850877.25	4.27132	5.73676	5.21536	4.97011	9.75E-02	0.00611	7.9E-05	0.01589	0.11955	1.29E-01	0.008083	6.38E-05	0.009865	1.47E-01	0.149346	0.00817	4.72E-05	0.010883	0.168447
3613	472863.09	3850877.25	4.81529	6.28882	6.34395	6.44357	1.10E-01	0.0067	9.6E-05	0.0206	0.13728	1.45E-01	0.008861	7.76E-05	0.01279	1.67E-01	0.168366	0.008956	5.74E-05	0.014109	0.191489
3614	473363.09	3850877.25	5.51068	5.91447	7.38127	5.92259	1.26E-01	0.0063	0.00011	0.01893	0.15111	1.66E-01	0.008333	9.03E-05	0.011756	1.86E-01	0.192681	0.008423	6.68E-05	0.012968	0.214139
3615	473863.09	3850877.25	5.80207	6.76515	7.13451	6.21622	1.32E-01	0.00721	0.00011	0.01987	0.1596	1.75E-01	0.009532	8.73E-05	0.012339	1.97E-01	0.202869	0.009635	6.45E-05	0.013611	0.22618
3616	474363.09	3850877.25	5.62825	7.09287	7.54986	7.06464	1.28E-01	0.00756	0.00011	0.02259	0.1587	1.70E-01	0.009993	9.24E-05	0.014023	1.94E-01	0.196791	0.010101	6.83E-05	0.015469	0.22243
3617	474863.09	3850877.25	5.72688	6.53871	7.16646	6.94294	1.31E-01	0.00697	0.00011	0.0222	0.15996	1.73E-01	0.009213	8.77E-05	0.013781	1.96E-01	0.20024	0.009312	6.48E-05	0.015203	0.22482
3618	475363.09	3850877.25	5.90926	8.06052	7.03824	9.67141	1.35E-01	0.00859	0.00011	0.03092	0.17447	1.78E-01	0.011357	8.61E-05	0.019197	2.09E-01	0.206617	0.011479	6.37E-05	0.021177	0.239337
3619	475863.09	3850877.25	6.56931	8.8196	8.15941	10.69078	1.50E-01	0.0094	0.00012	0.03418	0.19361	1.98E-01	0.012426	9.99E-05	0.02122	2.32E-01	0.229696	0.01256	7.38E-05	0.023409	0.265739
3620	476363.09	3850877.25	6.60354	9.35848	7.86386	12.78592	1.51E-01	0.00997	0.00012	0.04088	0.20166	1.99E-01	0.013186	9.62E-05	0.025379	2.38E-01	0.230892	0.013328	7.11E-05	0.027997	0.272288
3621	476863.09	3850877.25	7.23114	10.7188	8.59561	14.21994	1.65E-01	0.01142	0.00013	0.04546	0.22203	2.18E-01	0.015102	0.000105	0.028225	2.62E-01	0.252836	0.015265	7.78E-05	0.031137	0.299316
3622	477363.09	3850877.25	8.68737	12.3774	10.12936	15.48794	1.98E-01	0.01319	0.00015	0.04952	0.26111	2.62E-01	0.017439	0.000124	0.030742	3.10E-01	0.303753	0.017627	9.16E-05	0.033913	0.355386
3623	477863.09	3850877.25	9.06318	13.36604	10.26399	15.01861	2.07E-01	0.01424	0.00015	0.04801	0.26924	2.74E-01	0.018832	0.000126	0.02981	3.22E-01	0.316894	0.019035	9.29E-05	0.032886	0.368907
3624	478363.09	3850877.25	10.27289	14.0735	11.51134	16.49512	2.34E-01	0.01499	0.00017	0.05274	0.30234	3.10E-01	0.019829	0.000141	0.032741	3.63E-01	0.359191	0.020043	0.000104	0.036119	0.415457
3625	478863.09	3850877.25	10.82734	14.13963	12.23151	17.24384	2.47E-01	0.01506	0.00018	0.05513	0.31747	3.27E-01	0.019922	0.00015	0.034227	3.81E-01	0.378577	0.020137	0.000111	0.037758	0.436583
3626	479363.09	3850877.25	13.0483	17.99967	13.06526	21.85041	2.98E-01	0.01918	0.0002	0.06986	0.387	3.94E-01	0.02536	0.00016	0.043371	4.63E-01	0.456233	0.025634	0.000118	0.047845	0.529831
3627	479863.09	3850877.25	13.32562	17.28877	13.85875	22.97483	3.04E-01	0.01842	0.00021	0.07345	0.39618	4.02E-01	0.024359	0.00017	0.045603	4.72E-01	0.46593	0.024622	0.000125	0.050307	0.540984
3628	480363.09	3850877.25	13.3647	17.8253	15.40332	23.46473	3.05E-01	0.01899	0.00023	0.07502	0.39923	4.03E-01	0.025115	0.000189	0.046575	4.75E-01	0.467296	0.025386	0.000139	0.05138	0.544201
3629	480863.09	3850877.25	13.81617	18.67527	16.99196	22.35829	3.15E-01	0.0199	0.00026	0.07148	0.40693	4.17E-01	0.026312	0.000208	0.044379	4.88E-01	0.483082	0.026596	0.000154	0.048957	0.558789
3630	481363.09	3850877.25	13.84817	17.61729	17.55329	15.55552	3.16E-01	0.01877	0.00026	0.04973	0.38479	4.18E-01	0.024822	0.000215	0.030876	4.74E-01	0.4842	0.02509	0.000159	0.034061	0.54351
3631	481863.09	3850877.25	12.41638	17.09167	16.44665	8.4936	2.83E-01	0.01821	0.00025	0.02715	0.32896	3.75E-01	0.024081	0.000201	0.016859	4.16E-01	0.434138	0.024341	0.000149	0.018598	0.477226
3632	482363.09	3850877.25	7.90132	10.28309	10.95573	9.43971	1.80E-01	0.01096	0.00017	0.03018	0.22161	2.38E-01	0.014488	0.000134	0.018737	2.72E-01	0.276269	0.014645	9.91E-05	0.02067	0.311683
3633	482863.09	3850877.25	4.82564	8.95144	6.33569	5.96713	1.10E-01	0.00954	9.5E-05	0.01908	0.13883	1.46E-01	0.012612	7.75E-05	0.011844	1.70E-01	0.168728	0.012748	5.73E-05	0.013066	0.1946
3634	483363.09	3850877.25	3.52141	3.6689	4.71731	2.9581	8.04E-02	0.00391	7.1E-05	0.00946	0.0938	1.06E-01	0.005169	5.77E-05	0.005872	1.17E-01	0.123126	0.005225	4.27E-05	0.006477	0.134871
3635	483863.09	3850877.25	3.66101	7.72887	5.06586	2.92645	8.35E-02	0.00823	7.6E-05	0.00936	0.10121	1.10E-01	0.010889	6.2E-05	0.005809	1.27E-01	0.128007	0.011007	4.58E-05	0.006408	0.145468
3636	484363.09	3850877.25	3.59355	5.06088	4.74366	4.06403	8.20E-02	0.00539	7.1E-05	0.01299	0.10046	1.08E-01	0.00713	5.81E-05	0.008067	1.24E-01	0.125648	0.007207	4.29E-05	0.008899	0.141797
3637	484863.09	3850877.25	3.00089	5.78736	3.80955	3.738	6.85E-02	0.00617	5.7E-05	0.01195	0.08666	9.06E-02	0.008154	4.66E-05	0.00742	1.06E-01	0.104926	0.008242	3.45E-05	0.008185	0.121387
3638	485363.09	3850877.25	3.15865	5.12947	4.38143	3.56657	7.21E-02	0.00546	6.6E-05	0.0114	0.08902	9.53E-02	0.007227	5.36E-05	0.007079	1.10E-01	0.110442	0.007305	3.96E-05	0.00781	0.125596
3639	485863.09	3850877.25	2.52764	4.24134	3.35278	3.43749	5.77E-02	0.00452	5.1E-05	0.01099	0.07324	7.63E-02	0.005976	4.1E-05	0.006823	8.91E-02	0.088379	0.00604	3.03E-05	0.007527	0.101976
3640	486363.09	3850877.25	1.86565	7.34843	2.56436	3.30508	4.26E-02	0.00783	3.9E-05	0.01057	0.06101	5.63E-02	0.010353	3.14E-05	0.00656	7.33E-02	0.065232	0.010465	2.32E-05	0.007237	0.082958
3641	486863.09	3850877.25	1.83066	3.6902	2.55137	2.77237	4.18E-02	0.00393	3.8E-05	0.00886	0.05461	5.53E-02	0.005199	3.12E-05	0.005503	6.60E-02	0.064009	0.005255	2.31E-05	0.006071	0.075358
3642	487363.09	3850877.25	1.65752	5.42182	1.71316	1.65129	3.78E-02	0.00578	2.6E-05	0.00528	0.04891	5.00E-02	0.007639	2.1E-05	0.003278	6.10E-02	0.057955	0.007721	1.55E-05	0.003616	0.069308
3643	487863.09	3850877.25	1.75713	4.64864	1.96249	1.60846	4.01E-02	0.00495	3E-05	0.00514	0.05022	5.30E-02	0.00655	2.4E-05	0.003193	6.28E-02	0.061438	0.00662	1.78E-05	0.003522	0.071598
3644	488363.09	3850877.25	1.69373	3.1115	2.32614	1.87243	3.87E-02	0.00331	3.5E-05	0.00599	0.04799	5.11E-02	0.004384	2.85E-05	0.003717	5.92E-02	0.059221	0.004431	2.1E-05	0.0041	0.067773
3645	488863.09	3850877.25	1.68157	2.63718	2.33076	2.53331	3.84E-02	0.00281	3.5E-05	0.0081	0.04932	5.08E-02	0.003716	2.85E-05	0.005028	5.95E-02	0.058796	0.003756	2.11E-05	0.005547	0.06812
3646	489363.09	3850877.25	1.67309	3.1239	2.3197	2.54375	3.82E-02	0.00333	3.5E-05	0.00813	0.04968	5.05E-02	0.004401	2.84E-05	0.005049	6.00E-02	0.058499	0.004449	2.1E-05	0.00557	0.068539
3647	489863.09	3850877.25	1.66474	2.81664	2.30858	2.4973	3.80E-02	0.003	3.5E-05	0.00798	0.04901	5.02E-02	0.003968	2.83E-05	0.004957	5.92E-02	0.058208	0.004011	2.09E-05	0.005468	0.067708
3648	490363.09	3850877.25	1.65629	1.78968	2.2975	2.44994	3.78E-02	0.00191	3.5E-05	0.00783	0.04757	5.00E-02	0.002522	2.81E-05	0.004863	5.74E-02	0.057912	0.002549	2.08E-05	0.005365	0.065846
3649	490863.09	3850877.25	1.63996	2.74619	2.28066	2.40261	3.74E-02	0.00293	3.4E-05	0.00768	0.04807	4.95E-02	0.003869	2.79E-05	0.004769	5.82E-02	0.057341	0.003911	2.06E-05	0.005261	0.066534
3650	491363.09	3850877.25	1.54642	2.56428	2.1234	2.35528	3.53E-02	0.00273	3.2E-05	0.00753	0.04558	4.67E-02	0.003613	2.6E-05	0.004675	5.50E-02	0.05407	0.003652	1.92E-05	0.005157	0.062899
3651	491863.09	3850877.25	1.29742	4.26013	1.44772	2.30797	2.96E-02	0.00454	2.2E-05	0.00738	0.04155	3.92E-02	0.006002	1.77E-05	0.004581	4.98E-02	0.045364	0.006067	1.31E-05	0.005054	0.056498
3652	492363.09	3850877.25	1.04577	4.98264	1.12342	2.2585	2.39E-02	0.00531	1.7E-05	0.00722	0.03641	3.16E-02	0.00702	1.37E-05	0.004483	4.31E-02	0.036565	0.007096	1.02E-05	0.004945	0.048617
3653	492863.09	3850877.25	1.27989	4.38706	1.12038	2.14607	2.92E-02	0.00467	1.7E-05	0.00686	0.04076	3.86E-02	0.006181	1.37E-05	0.00426	4.91E-02	0.044751	0.006248	1.01E-05	0.004699	0.055708
3654	493363.09	3850877.25	1.46015	4.63674	1.34646	1.64332	3.33E-02	0.00494	2E-05	0.00525	0.04354	4.41E-02	0.006533	1.65E-05	0.003262	5.39E-02	0.051054	0.006603	1.22E-05	0.003598	0.061268
3655	493863.09	3850877.25	1.51386	3.19093	1.85948	1.0477	3.45E-02	0.0034	2.8E-05	0.00335	0.04132	4.57E-02	0.004496	2.28E-05	0.00208	5.23E-02	0.052932	0.004544	1.68E-05	0.002294	0.059787
3656	494363.09	3850877.25	1.51565	1.50466	2.055	1.36252	3.46E-02	0.0016	3.1E-05	0.00436	0.04058	4.57E-02	0.00212	2.52E-05	0.002704	5.06E-02	0.052995	0.002143	1.86E-05	0.002983	0.05814

3657	494863.09	3850877.25	1.50855	1.35944	2.09492	1.87946		3.44E-02	0.00145	3.2E-05	0.00601	0.04191		4.55E-02	0.001915	2.56E-05	0.003731	5.12E-02		0.052746	0.001936	1.9E-05	0.004115	0.058817
3658	495363.09	3850877.25	1.50236	2.06499	2.09501	2.09215		3.43E-02	0.0022	3.2E-05	0.00669	0.04321		4.53E-02	0.002909	2.56E-05	0.004153	5.24E-02		0.05253	0.002941	1.9E-05	0.004581	0.060071
3659	495863.09	3850877.25	1.49709	2.35578	2.08885	2.13387		3.42E-02	0.00251	3.1E-05	0.00682	0.04353		4.52E-02	0.003319	2.56E-05	0.004236	5.28E-02		0.052346	0.003355	1.89E-05	0.004672	0.060392
3660	496363.09	3850877.25	1.49208	1.75011	2.08206	2.12233		3.41E-02	0.00186	3.1E-05	0.00679	0.04273		4.50E-02	0.002466	2.55E-05	0.004213	5.17E-02		0.05217	0.002492	1.88E-05	0.004647	0.059329
3661	496863.09	3850877.25	1.48715	1.58901	2.07525	2.10096		3.39E-02	0.00169	3.1E-05	0.00672	0.04238		4.49E-02	0.002239	2.54E-05	0.00417	5.13E-02		0.051998	0.002263	1.88E-05	0.0046	0.05888
3662	497363.09	3850877.25	1.48219	1.74922	2.06847	2.07746		3.38E-02	0.00186	3.1E-05	0.00664	0.04236		4.47E-02	0.002465	2.53E-05	0.004124	5.13E-02		0.051825	0.002491	1.87E-05	0.004549	0.058883
3663	497863.09	3850877.25	1.47657	1.46229	2.06165	2.05451		3.37E-02	0.00156	3.1E-05	0.00657	0.04185		4.46E-02	0.00206	2.52E-05	0.004078	5.07E-02		0.051628	0.002083	1.87E-05	0.004499	0.058228
3664	498363.09	3850877.25	1.46629	1.75889	2.05341	2.03109		3.35E-02	0.00187	3.1E-05	0.00649	0.04186		4.43E-02	0.002478	2.51E-05	0.004032	5.08E-02		0.051269	0.002505	1.86E-05	0.004447	0.05824
3665	471363.09	3851377.25	3.50871	4.0606	4.83677	3.12946		8.01E-02	0.00433	7.3E-05	0.01	0.09448		1.06E-01	0.005721	5.92E-05	0.006212	1.18E-01		0.122682	0.005783	4.38E-05	0.006852	0.135361
3666	471863.09	3851377.25	4.3496	4.19817	5.57323	3.90216		9.93E-02	0.00447	8.4E-05	0.01248	0.11629		1.31E-01	0.005915	6.82E-05	0.007745	1.45E-01		0.152084	0.005979	5.04E-05	0.008544	0.166657
3667	472363.09	3851377.25	4.45615	5.19275	5.27087	3.26384		1.02E-01	0.00553	7.9E-05	0.01043	0.11774		1.34E-01	0.007316	6.45E-05	0.006478	1.48E-01		0.155809	0.007395	4.77E-05	0.007147	0.170399
3668	472863.09	3851377.25	4.37772	6.4104	5.71594	3.84506		9.99E-02	0.00683	8.6E-05	0.01229	0.11911		1.32E-01	0.009032	7E-05	0.007632	1.49E-01		0.153067	0.009129	5.17E-05	0.008419	0.170667
3669	473363.09	3851377.25	3.809	6.25412	5.05448	3.94112		8.69E-02	0.00666	7.6E-05	0.0126	0.10626		1.15E-01	0.008812	6.19E-05	0.007823	1.32E-01		0.133181	0.008907	4.57E-05	0.00863	0.150764
3670	473863.09	3851377.25	4.35498	6.02826	5.99144	4.73562		9.94E-02	0.00642	9E-05	0.01514	0.12104		1.31E-01	0.008493	7.33E-05	0.0094	1.49E-01		0.152272	0.008585	5.42E-05	0.010369	0.17128
3671	474363.09	3851377.25	5.77621	7.4318	7.83005	6.56801		1.32E-01	0.00792	0.00012	0.021	0.16085		1.74E-01	0.010471	9.58E-05	0.013037	1.98E-01		0.201965	0.010584	7.08E-05	0.014382	0.227001
3672	474863.09	3851377.25	6.13317	6.98521	7.76052	7.43263		1.40E-01	0.00744	0.00012	0.02376	0.17128		1.85E-01	0.009842	9.5E-05	0.014753	2.10E-01		0.214446	0.009948	7.02E-05	0.016275	0.240739
3673	475363.09	3851377.25	6.00913	7.8708	8.14507	7.48104		1.37E-01	0.00839	0.00012	0.02392	0.16956		1.81E-01	0.011089	9.97E-05	0.014849	2.07E-01		0.210109	0.011209	7.37E-05	0.016381	0.237773
3674	475863.09	3851377.25	6.3825	7.72845	8.15105	7.6966		1.46E-01	0.00823	0.00012	0.02461	0.17862		1.93E-01	0.010889	9.98E-05	0.015277	2.19E-01		0.223164	0.011006	7.37E-05	0.016853	0.251097
3675	476363.09	3851377.25	6.5931	8.77238	8.0301	10.54321		1.50E-01	0.00935	0.00012	0.03371	0.19363		1.99E-01	0.01236	9.83E-05	0.020927	2.32E-01		0.230527	0.012493	7.26E-05	0.023086	0.266179
3676	476863.09	3851377.25	8.18939	10.02281	10.38392	10.88037		1.87E-01	0.01068	0.00016	0.03478	0.23251		2.47E-01	0.014122	0.000127	0.021596	2.83E-01		0.286342	0.014274	9.39E-05	0.023824	0.324534
3677	477363.09	3851377.25	7.41948	10.89847	9.00107	14.4427		1.69E-01	0.01161	0.00014	0.04617	0.22724		2.24E-01	0.015355	0.00011	0.028667	2.68E-01		0.259422	0.015521	8.14E-05	0.031625	0.306649
3678	477863.09	3851377.25	8.57444	12.40539	9.80528	16.11045		1.96E-01	0.01322	0.00015	0.05151	0.26054		2.59E-01	0.017478	0.00012	0.031978	3.08E-01		0.299805	0.017667	8.87E-05	0.035277	0.352837
3679	478363.09	3851377.25	10.05983	14.59116	11.51663	18.06361		2.30E-01	0.01554	0.00017	0.05775	0.30304		3.04E-01	0.020558	0.000141	0.035854	3.60E-01		0.351741	0.02078	0.000104	0.039553	0.412179
3680	478863.09	3851377.25	11.18744	15.30137	12.47422	18.85272		2.55E-01	0.0163	0.00019	0.06027	0.33207		3.38E-01	0.021559	0.000153	0.037421	3.97E-01		0.391168	0.021791	0.000113	0.041281	0.454354
3681	479363.09	3851377.25	12.24216	15.95057	13.45488	19.25687		2.79E-01	0.01699	0.0002	0.06156	0.35814		3.69E-01	0.022473	0.000165	0.038223	4.30E-01		0.428046	0.022716	0.000122	0.042166	0.49305
3682	479863.09	3851377.25	13.79319	19.65722	13.66402	21.10091		3.15E-01	0.02094	0.00021	0.06746	0.40338		4.16E-01	0.027696	0.000167	0.041883	4.86E-01		0.482278	0.027995	0.000124	0.046204	0.5566
3683	480363.09	3851377.25	13.5737	20.33394	14.60601	26.84545		3.10E-01	0.02166	0.00022	0.08583	0.41747		4.10E-01	0.028649	0.000179	0.053285	4.92E-01		0.474604	0.028959	0.000132	0.058783	0.562477
3684	480863.09	3851377.25	14.49236	20.02331	17.32756	26.50191		3.31E-01	0.02133	0.00026	0.08473	0.43705		4.37E-01	0.028212	0.000212	0.052604	5.18E-01		0.506725	0.028516	0.000157	0.05803	0.593428
3685	481363.09	3851377.25	13.91608	20.01408	17.15468	25.68301		3.18E-01	0.02132	0.00026	0.08211	0.42127		4.20E-01	0.028199	0.00021	0.050978	4.99E-01		0.486575	0.028503	0.000155	0.056237	0.57147
3686	481863.09	3851377.25	13.94703	20.34756	17.52497	16.44304		3.18E-01	0.02168	0.00026	0.05257	0.39279		4.21E-01	0.028668	0.000214	0.032638	4.82E-01		0.487657	0.028978	0.000159	0.036005	0.552798
3687	482363.09	3851377.25	12.83005	17.29225	17.41264	10.07328		2.93E-01	0.01842	0.00026	0.0322	0.34368		3.87E-01	0.024364	0.000213	0.019994	4.32E-01		0.448602	0.024627	0.000158	0.022057	0.495443
3688	482863.09	3851377.25	9.04456	12.39545	12.43363	8.85941		2.06E-01	0.01321	0.00019	0.02832	0.24812		2.73E-01	0.017464	0.000152	0.017585	3.08E-01		0.316243	0.017653	0.000112	0.019399	0.353407
3689	483363.09	3851377.25	4.15874	7.54858	5.25252	4.66212		9.49E-02	0.00804	7.9E-05	0.0149	0.11793		1.26E-01	0.010635	6.43E-05	0.009254	1.45E-01		0.14541	0.01075	4.75E-05	0.010208	0.166416
3690	483863.09	3851377.25	3.72385	8.16978	5.15659	4.17615		8.50E-02	0.0087	7.8E-05	0.01335	0.10711		1.12E-01	0.011511	6.31E-05	0.008289	1.32E-01		0.130204	0.011635	4.67E-05	0.009144	0.15103
3691	484363.09	3851377.25	5.14622	7.88726	7.34966	5.80056		1.17E-01	0.0084	0.00011	0.01854	0.1445		1.55E-01	0.011113	9E-05	0.011514	1.78E-01		0.179937	0.011233	6.65E-05	0.012701	0.203938
3692	484863.09	3851377.25	2.97696	5.7867	3.73216	3.90225		6.79E-02	0.00616	5.6E-05	0.01248	0.08663		8.98E-02	0.008153	4.57E-05	0.007746	1.06E-01		0.104089	0.008241	3.38E-05	0.008545	0.120909
3693	485363.09	3851377.25	4.77568	9.06507	6.65671	4.23859		1.09E-01	0.00966	0.0001	0.01355	0.13229		1.44E-01	0.012772	8.15E-05	0.008413	1.65E-01		0.166981	0.01291	6.02E-05	0.009281	0.189233
3694	485863.09	3851377.25	3.10183	4.39182	4.1718	3.45357		7.08E-02	0.00468	6.3E-05	0.01104	0.08657		9.36E-02	0.006188	5.11E-05	0.006855	1.07E-01		0.108455	0.006255	3.77E-05	0.007562	0.12231
3695	486363.09	3851377.25	2.1913	7.45842	2.86426	3.32397		5.00E-02	0.00795	4.3E-05	0.01063	0.06862		6.61E-02	0.010508	3.51E-05	0.006598	8.33E-02		0.076619	0.010622	2.59E-05	0.007278	0.094545
3696	486863.09	3851377.25	2.42571	9.43024	2.56986	2.95715		5.54E-02	0.01005	3.9E-05	0.00945	0.0749		7.32E-02	0.013287	3.15E-05	0.00587	9.24E-02		0.084815	0.01343	2.32E-05	0.006475	0.104743
3697	487363.09	3851377.25	2.07078	5.74234	1.99522	1.63883		4.73E-02	0.00612	3E-05	0.00524	0.05864		6.25E-02	0.008091	2.44E-05	0.003253	7.39E-02		0.072405	0.008178	1.81E-05	0.003588	0.084189
3698	487863.09	3851377.25	1.92522	3.49651	2.49939	1.72441		4.39E-02	0.00372	3.8E-05	0.00551	0.05321		5.81E-02	0.004926	3.06E-05	0.003423	6.65E-02		0.067315	0.00498	2.26E-05	0.003776	0.076093
3699	488363.09	3851377.25	1.7132	3.13939	2.35981	2.51449		3.91E-02	0.00334	3.6E-05	0.00804	0.05052		5.17E-02	0.004423	2.89E-05	0.004991	6.11E-02		0.059902	0.004471	2.13E-05	0.005506	0.0699
3700	488863.09	3851377.25	1.69255	4.94893	2.34503	2.55382		3.86E-02	0.00527	3.5E-05	0.00816	0.0521		5.11E-02	0.006973	2.87E-05	0.005069	6.32E-02		0.05918	0.007048	2.12E-05	0.005592	0.071841
3701	489363.09	3851377.25	1.68338	5.46722	2.33335	2.5076		3.84E-02	0.00582	3.5E-05	0.00802	0.05229		5.08E-02	0.007703	2.86E-05	0.004977	6.35E-02		0.058859	0.007786	2.11E-05	0.005491	0.072157
3702	489863.09	3851377.25	1.6747	2.54832	2.32187	2.46027		3.82E-02	0.00271	3.5E-05	0.00787	0.04883		5.05E-02	0.00359	2.84E-05	0.004883	5.90E-02		0.058556	0.003629	2.1E-05	0.005387	0.067593
3703	490363.09	3851377.25	1.66368	2.73755	2.30936	2.413		3.80E-02	0.00292	3.5E-05	0.00771	0.04863		5.02E-02	0.003857	2.83E-05	0.00479	5.89E-02		0.05817	0.003899	2.09E-05	0.005284	0.067374
3704	490863.09	3851377.25	1.60441	2.54449	2.22916	2.36566		3.66E-02	0.00271	3.4E-05	0.00756	0.04692		4.84E-02	0.003585	2.73E-05	0.004696	5.67E-02		0.056098	0.003624	2.02E-05	0.00518	0.064922
3705	491363.09	3851377.25	1.3762	3.6461	1.66683	2.31835		3.14E-02	0.00388	2.5E-05	0.00741	0.04273		4.15E-02	0.005137	2.04E-05	0.004602	5.13E-02		0.048119	0.005193	1.51E-05	0.005076	0.058403
3706	491863.09	3851377.25	1.35546	5.46446	1.27229	2.27064		3.09E-02	0.00582	1.9E-05	0.00726	0.04403		4.09E-02	0.007699	1.56E-05	0.004507	5.31E-02		0.047394	0.007782	1.15E-05	0.004972	0.060159
3707	492363.09	3851377.25	1.5107	4.80258	1.49038	2.19684		3.45E-02	0.00512	2.2E-05	0.00702	0.04664		4.56E-02	0.006767	1.82E-05	0.00436	5.67E-02		0.052822	0.00684	1.35E-05	0.00481	0.064485
3708	492863.09	3851377.25	1.53916	2.93569	1.96568	1.8322		3.51E-02	0.00313	3E-05	0.00586	0.04414		4.65E-02	0.004136	2.41E-05	0.003637	5.43E-02		0.053817	0.004181	1.78E-05	0.004012	0.062027
3709	493363.09	3851377.25	1.532	1.17298	2.10438	1.48528		3.50E-02	0.00125	3.2E-05	0.00475	0.04099		4.62E-02	0.001653	2.58E-05	0.002948	5.09E-02		0.053566	0.00167	1.9E-05	0.003252	0.058508
3710	493863.09	3851377.25	1.52393	1.39683	2.12196	1.96713		3.48E-02	0.00149	3.2E-05	0.00629	0.04259		4.60E-02	0.001968	2.6E-05	0.003905	5.19E-02		0.053284	0.001989	1.92E-05	0.004307	0.0596
3711	494363.09	3851377.25	1.518	1.90803	2.11751	2.12331		3.46E-02	0.00203	3.2E-05	0.00679	0.04349		4.58E-02	0.002688	2.59E-05	0.004215	5.27E-02		0.053077	0.002717	1.92E-05	0.004649	0.060463
3712	494863.09	3851377.25	1.51279	2.41636	2.1107	2.13807		3.45E-02	0.00257	3.2E-05	0.00684	0.04396		4.57E-02	0.003404	2.58E-05	0.004244	5.33E-02		0.052895	0.003441	1.91E-05	0.004682	0.061037
3713	495363.09	3851377.25	1.50773	2.22262	2.10375	2.12037		3.44E-02	0.00237	3.2E-05	0.00678	0.04359		4.55E-02	0.003132	2.57E-05	0.004209	5.29E-02		0.052718	0.003165	1.9E-05	0.004643	0.060545
3714	495863.09	3851377.25	1.50271	1.63839	2.09683	2.09731		3.43E-02	0.00175	3.2E-05	0.00671	0.04278		4.54E-02	0.002308	2.57E-05	0.004163	5.19E-02		0.052542	0.002333	1.9E-05	0.004592	0.059487
3715	496363.09	3851377.25	1.4977	1.69906	2.08995	2.07463		3.42E-02	0.00181	3.1E-05	0.00663	0.04265		4.52E-02	0.002394	2.56E-05	0.004118	5.17E-02		0.052367	0.00242	1.89E-05	0.004543	0.059348
3716	496863.09	3851377.25	1.49222	1.88281	2.08306	2.05101		3.41E-02	0.00201	3.1E-05	0.00656	0.04265		4.50E-02	0.002653	2.55E-05	0.004071	5.18E-02		0.052175	0.002681	1.88E-05	0.004491	0.059367
3717	497363.09	3851377.25	1.48245	1.80053	2.07512	2.02783		3.38E-02	0.00192	3.1E-05	0.00648	0.04226		4.47E-02	0.002537	2.54E-05	0.004025	5.13E-02		0.051834	0.002564	1.88E-05	0.00444	0.058857

3718	497863.09	3851377.25	1.45413	1.92978	2.05474	2.00438	3.32E-02	0.00206	3.1E-05	0.00641	0.04168	4.39E-02	0.002719	2.51E-05	0.003978	5.06E-02	0.050844	0.002748	1.86E-05	0.004389	0.057999
3719	498363.09	3851377.25	1.3833	2.02122	1.97035	1.98087	3.16E-02	0.00215	3E-05	0.00633	0.04008	4.17E-02	0.002848	2.41E-05	0.003932	4.86E-02	0.048367	0.002879	1.78E-05	0.004337	0.055601
3720	471363.09	3851877.25	3.69337	4.9535	4.44835	3.47649	8.43E-02	0.00528	6.7E-05	0.01111	0.10074	1.11E-01	0.006979	5.44E-05	0.0069	1.25E-01	0.129138	0.007055	4.02E-05	0.007612	0.143846
3721	471863.09	3851877.25	3.3692	5.00401	4.46784	3.27585	7.69E-02	0.00533	6.7E-05	0.01047	0.09276	1.02E-01	0.00705	5.47E-05	0.006502	1.15E-01	0.117804	0.007126	4.04E-05	0.007173	0.132144
3722	472363.09	3851877.25	3.79557	5.45772	5.3561	3.85165	8.66E-02	0.00581	8.1E-05	0.01231	0.10483	1.15E-01	0.00769	6.56E-05	0.007645	1.30E-01	0.132712	0.007773	4.85E-05	0.008434	0.148967
3723	472863.09	3851877.25	4.39743	7.69406	6.00675	4.25449	1.00E-01	0.0082	9.1E-05	0.0136	0.12224	1.33E-01	0.01084	7.35E-05	0.008445	1.52E-01	0.153756	0.010957	5.43E-05	0.009316	0.174084
3724	473363.09	3851877.25	4.37042	4.96692	5.75271	3.3755	9.97E-02	0.00529	8.7E-05	0.01079	0.11591	1.32E-01	0.006998	7.04E-05	0.0067	1.46E-01	0.152811	0.007074	5.2E-05	0.007391	0.167328
3725	473863.09	3851877.25	4.57849	5.07577	5.54395	3.11368	1.04E-01	0.00541	8.4E-05	0.00995	0.11993	1.38E-01	0.007151	6.79E-05	0.00618	1.52E-01	0.160087	0.007229	5.02E-05	0.006818	0.174183
3726	474363.09	3851877.25	5.0019	7.47165	6.36172	4.71463	1.14E-01	0.00796	9.6E-05	0.01507	0.13728	1.51E-01	0.010527	7.79E-05	0.009358	1.71E-01	0.174891	0.010641	5.76E-05	0.010323	0.195913
3727	474863.09	3851877.25	5.52818	8.24646	6.99825	6.58818	1.26E-01	0.00879	0.00011	0.02106	0.15611	1.67E-01	0.011619	8.57E-05	0.013077	1.92E-01	0.193293	0.011744	6.33E-05	0.014426	0.219526
3728	475363.09	3851877.25	5.96803	8.39502	7.97258	7.83216	1.36E-01	0.00894	0.00012	0.02504	0.1703	1.80E-01	0.011828	9.76E-05	0.015546	2.08E-01	0.208672	0.011956	7.21E-05	0.01715	0.23785
3729	475863.09	3851877.25	6.71974	8.59885	8.76814	8.20568	1.53E-01	0.00916	0.00013	0.02623	0.18888	2.03E-01	0.012115	0.000107	0.016287	2.31E-01	0.234955	0.012246	7.93E-05	0.017968	0.265248
3730	476363.09	3851877.25	7.41407	8.79092	9.07338	6.53442	1.69E-01	0.00937	0.00014	0.02089	0.19959	2.24E-01	0.012386	0.000111	0.01297	2.49E-01	0.259233	0.01252	8.21E-05	0.014308	0.286142
3731	476863.09	3851877.25	7.7835	10.2678	10.33761	7.22439	1.78E-01	0.01094	0.00016	0.0231	0.21182	2.35E-01	0.014467	0.000127	0.01434	2.64E-01	0.27215	0.014623	9.35E-05	0.015819	0.302685
3732	477363.09	3851877.25	8.24147	9.88719	10.72471	10.13314	1.88E-01	0.01053	0.00016	0.0324	0.23117	2.49E-01	0.01393	0.000131	0.020113	2.83E-01	0.288163	0.014081	9.7E-05	0.022188	0.324529
3733	477863.09	3851877.25	10.0435	11.1621	12.81278	12.08861	2.29E-01	0.01189	0.00019	0.03865	0.27993	3.03E-01	0.015727	0.000157	0.023995	3.43E-01	0.35117	0.015896	0.000116	0.02647	0.393653
3734	478363.09	3851877.25	11.43827	14.25152	14.49371	15.30312	2.61E-01	0.01518	0.00022	0.04892	0.32536	3.45E-01	0.020079	0.000177	0.030375	3.96E-01	0.399938	0.020296	0.000131	0.033509	0.453875
3735	478863.09	3851877.25	12.08731	16.39586	14.66505	17.65664	2.76E-01	0.01747	0.00022	0.05645	0.34998	3.65E-01	0.023101	0.000179	0.035047	4.23E-01	0.422632	0.02335	0.000133	0.038662	0.484777
3736	479363.09	3851877.25	12.20202	17.92363	13.8593	18.82529	2.78E-01	0.01909	0.00021	0.06018	0.35795	3.68E-01	0.025253	0.00017	0.037366	4.31E-01	0.426643	0.025526	0.000125	0.041221	0.493515
3737	479863.09	3851877.25	13.44016	18.61263	15.14796	19.61143	3.07E-01	0.01983	0.00023	0.0627	0.38947	4.06E-01	0.026224	0.000185	0.038927	4.71E-01	0.469934	0.026507	0.000137	0.042942	0.539521
3738	480363.09	3851877.25	14.90075	20.89444	16.18757	21.15973	3.40E-01	0.02226	0.00024	0.06765	0.4302	4.50E-01	0.029439	0.000198	0.042	5.21E-01	0.521004	0.029757	0.000146	0.046333	0.59724
3739	480863.09	3851877.25	15.38146	24.2403	17.43705	30.00699	3.51E-01	0.02582	0.00026	0.09593	0.47304	4.64E-01	0.034153	0.000213	0.059561	5.58E-01	0.537812	0.034522	0.000158	0.065705	0.638197
3740	481363.09	3851877.25	16.23283	22.53676	19.92129	29.38298	3.70E-01	0.02401	0.0003	0.09394	0.48869	4.90E-01	0.031753	0.000244	0.058322	5.80E-01	0.56758	0.032096	0.00018	0.064339	0.664195
3741	481863.09	3851877.25	15.89397	21.20165	19.24772	28.58157	3.63E-01	0.02259	0.00029	0.09138	0.47697	4.80E-01	0.029872	0.000236	0.056731	5.67E-01	0.555732	0.030194	0.000174	0.062584	0.648684
3742	482363.09	3851877.25	15.2499	25.15527	21.39326	10.92912	3.48E-01	0.0268	0.00032	0.03494	0.41008	4.60E-01	0.035442	0.000262	0.021693	5.18E-01	0.533212	0.035825	0.000194	0.023931	0.593161
3743	482863.09	3851877.25	8.95913	12.50653	12.46066	10.40435	2.04E-01	0.01332	0.00019	0.03326	0.25123	2.70E-01	0.017621	0.000153	0.020652	3.09E-01	0.313255	0.017811	0.000113	0.022782	0.353961
3744	483363.09	3851877.25	8.68294	18.49074	11.59655	7.8544	1.98E-01	0.0197	0.00017	0.02511	0.24314	2.62E-01	0.026052	0.000142	0.01559	3.04E-01	0.303599	0.026334	0.000105	0.017199	0.347235
3745	483863.09	3851877.25	5.6941	16.24981	8.07248	5.29905	1.30E-01	0.01731	0.00012	0.01694	0.16432	1.72E-01	0.022895	9.88E-05	0.010518	2.05E-01	0.199094	0.023142	7.3E-05	0.011603	0.233912
3746	484363.09	3851877.25	5.78778	12.69429	8.00403	5.91931	1.32E-01	0.01352	0.00012	0.01892	0.16465	1.75E-01	0.017885	9.8E-05	0.011749	2.04E-01	0.202369	0.018079	7.24E-05	0.012961	0.233482
3747	484863.09	3851877.25	5.24849	9.09587	7.42174	5.60713	1.20E-01	0.00969	0.00011	0.01793	0.1475	1.58E-01	0.012816	9.08E-05	0.01113	1.82E-01	0.183513	0.012954	6.71E-05	0.012278	0.208812
3748	485363.09	3851877.25	5.22805	12.41237	7.38539	4.87919	1.19E-01	0.01322	0.00011	0.0156	0.14824	1.58E-01	0.017488	9.04E-05	0.009685	1.85E-01	0.182798	0.017677	6.68E-05	0.010684	0.211226
3749	485863.09	3851877.25	5.24317	9.21571	7.24797	3.46922	1.20E-01	0.00982	0.00011	0.01109	0.14067	1.58E-01	0.012984	8.87E-05	0.006886	1.78E-01	0.183327	0.013125	6.56E-05	0.007596	0.204114
3750	486363.09	3851877.25	3.1127	7.68485	3.28505	3.34078	7.10E-02	0.00819	5E-05	0.01068	0.08995	9.39E-02	0.010827	4.02E-05	0.006631	1.11E-01	0.108835	0.010944	2.97E-05	0.007315	0.127125
3751	486863.09	3851877.25	3.30136	13.57882	2.89709	3.09133	7.53E-02	0.01447	4.4E-05	0.00988	0.09973	9.96E-02	0.019132	3.55E-05	0.006136	1.25E-01	0.115432	0.019338	2.62E-05	0.006769	0.141565
3752	487363.09	3851877.25	3.15755	6.10192	4.45246	1.63233	7.21E-02	0.0065	6.7E-05	0.00522	0.08384	9.53E-02	0.008597	5.45E-05	0.00324	1.07E-01	0.110404	0.00869	4.03E-05	0.003574	0.122708
3753	487863.09	3851877.25	1.7387	3.88926	2.38954	2.47715	3.97E-02	0.00414	3.6E-05	0.00792	0.05178	5.25E-02	0.00548	2.92E-05	0.004917	6.29E-02	0.060794	0.005539	2.16E-05	0.005424	0.071778
3754	488363.09	3851877.25	1.71368	6.15195	2.37176	2.56393	3.91E-02	0.00655	3.6E-05	0.0082	0.05389	5.17E-02	0.008668	2.9E-05	0.005089	6.55E-02	0.059919	0.008761	2.15E-05	0.005614	0.074316
3755	488863.09	3851877.25	1.70306	4.53046	2.35932	2.51797	3.89E-02	0.00483	3.6E-05	0.00805	0.05178	5.14E-02	0.006383	2.89E-05	0.004998	6.28E-02	0.059547	0.006452	2.13E-05	0.005514	0.071534
3756	489363.09	3851877.25	1.69391	3.36517	2.34729	2.47064	3.87E-02	0.00359	3.5E-05	0.0079	0.05018	5.11E-02	0.004741	2.87E-05	0.004904	6.08E-02	0.059227	0.004792	2.12E-05	0.00541	0.069451
3757	489863.09	3851877.25	1.68442	2.68505	2.33526	2.42337	3.84E-02	0.00286	3.5E-05	0.00775	0.04908	5.08E-02	0.003783	2.86E-05	0.00481	5.95E-02	0.058896	0.003824	2.11E-05	0.005306	0.068047
3758	490363.09	3851877.25	1.65164	3.68484	2.2998	2.37604	3.77E-02	0.00393	3.5E-05	0.0076	0.04925	4.98E-02	0.005192	2.81E-05	0.004716	5.98E-02	0.057749	0.005248	2.08E-05	0.005203	0.068221
3759	490863.09	3851877.25	1.46174	5.35056	1.89263	2.32866	3.34E-02	0.0057	2.9E-05	0.00744	0.04653	4.41E-02	0.007539	2.32E-05	0.004622	5.63E-02	0.05111	0.00762	1.71E-05	0.005099	0.063846
3760	491363.09	3851877.25	1.55539	5.7571	1.65117	2.28136	3.55E-02	0.00613	2.5E-05	0.00729	0.04895	4.69E-02	0.008111	2.02E-05	0.004528	5.96E-02	0.054384	0.008199	1.49E-05	0.004995	0.067593
3761	491863.09	3851877.25	1.55937	3.75133	2.06097	2.22593	3.56E-02	0.004	3.1E-05	0.00712	0.04673	4.71E-02	0.005285	2.52E-05	0.004418	5.68E-02	0.054523	0.005342	1.86E-05	0.004874	0.064758
3762	492363.09	3851877.25	1.54731	2.50423	2.14362	1.99048	3.53E-02	0.00267	3.2E-05	0.00636	0.04437	4.67E-02	0.003528	2.62E-05	0.003951	5.42E-02	0.054102	0.003566	1.94E-05	0.004358	0.062046
3763	492863.09	3851877.25	1.53966	1.78977	2.14648	2.04422	3.51E-02	0.00191	3.2E-05	0.00654	0.04361	4.65E-02	0.002522	2.63E-05	0.004058	5.31E-02	0.053834	0.002549	1.94E-05	0.004476	0.060879
3764	493363.09	3851877.25	1.53404	2.21601	2.13997	2.14318	3.50E-02	0.00236	3.2E-05	0.00685	0.04425	4.63E-02	0.003122	2.62E-05	0.004254	5.37E-02	0.053638	0.003156	1.94E-05	0.004693	0.061506
3765	493863.09	3851877.25	1.52881	1.89927	2.13287	2.13881	3.49E-02	0.00202	3.2E-05	0.00684	0.04378	4.61E-02	0.002676	2.61E-05	0.004245	5.31E-02	0.053455	0.002705	1.93E-05	0.004683	0.060862
3766	494363.09	3851877.25	1.52365	2.66354	2.12578	2.11745	3.48E-02	0.00284	3.2E-05	0.00677	0.04441	4.60E-02	0.003753	2.6E-05	0.004203	5.40E-02	0.053274	0.003793	1.92E-05	0.004637	0.061723
3767	494863.09	3851877.25	1.51854	1.9109	2.11874	2.09418	3.47E-02	0.00204	3.2E-05	0.0067	0.04342	4.58E-02	0.002692	2.59E-05	0.004157	5.27E-02	0.053096	0.002721	1.92E-05	0.004586	0.060422
3768	495363.09	3851877.25	1.51345	2.14602	2.11174	2.07068	3.45E-02	0.00229	3.2E-05	0.00662	0.04348	4.57E-02	0.003024	2.58E-05	0.00411	5.28E-02	0.052918	0.003056	1.91E-05	0.004534	0.060527
3769	495863.09	3851877.25	1.50806	2.30336	2.10476	2.04761	3.44E-02	0.00245	3.2E-05	0.00655	0.04345	4.55E-02	0.003245	2.58E-05	0.004064	5.29E-02	0.052729	0.00328	1.9E-05	0.004484	0.060512
3770	496363.09	3851877.25	1.49891	1.86523	2.09708	2.02434	3.42E-02	0.00199	3.2E-05	0.00647	0.0427	4.52E-02	0.002628	2.57E-05	0.004018	5.19E-02	0.052409	0.002656	1.9E-05	0.004433	0.059517
3771	496863.09	3851877.25	1.47032	2.04425	2.078	2.00105	3.36E-02	0.00218	3.1E-05	0.0064	0.04216	4.44E-02	0.00288	2.54E-05	0.003972	5.13E-02	0.05141	0.002911	1.88E-05	0.004382	0.058721
3772	497363.09	3851877.25	1.3933	2.10171	1.98986	1.97773	3.18E-02	0.00224	3E-05	0.00632	0.04039	4.21E-02	0.002961	2.44E-05	0.003926	4.90E-02	0.048717	0.002993	1.8E-05	0.004331	0.056058
3773	497863.09	3851877.25	1.25937	2.5739	1.7239	1.9545	2.87E-02	0.00274	2.6E-05	0.00625	0.03776	3.80E-02	0.003626	2.11E-05	0.003879	4.55E-02	0.044034	0.003666	1.56E-05	0.00428	0.051995
3774	498363.09	3851877.25	1.10744	3.80924	1.27716	1.93147	2.53E-02	0.00406	1.9E-05	0.00617	0.03553	3.34E-02	0.005367	1.56E-05	0.003834	4.26E-02	0.038722	0.005425	1.16E-05	0.004229	0.048387
3775	471363.09	3852377.25	3.47208	3.85433	4.6693	4.59198	7.92E-02	0.00411	7E-05	0.01468	0.09809	1.05E-01	0.005431	5.71E-05	0.009115	1.19E-01	0.121401	0.005489	4.22E-05	0.010055	0.136987
3776	471863.09	3852377.25	4.08962	5.62352	5.4414	4.30023	9.33E-02	0.00599	8.2E-05	0.01375	0.11315	1.23E-01	0.007923	6.66E-05	0.008536	1.40E-01	0.142993	0.008009	4.92E-05	0.009416	0.160467
3777	472363.09	3852377.25	4.16207	5.29061	5.21261	3.8222	9.50E-02	0.00564	7.9E-05	0.01222	0.11292	1.26E-01	0.007454	6.38E-05	0.007587	1.41E-01	0.145527	0.007535	4.72E-05	0.008369	0.161478
3778	472863.09	3852377.25	4.28167	5.48564	4.87661	4.35571	9.77E-02	0.00584	7.3E-05	0.01393	0.11755	1.29E-01	0.007729	5.97E-05	0.008646	1.46E-01	0.149708	0.007812	4.41E-05	0.009538	0.167102

3779	473363.09	3852377.25	4.64486	5.48035	5.26254	4.12868		1.06E-01	0.00584	7.9E-05	0.0132	0.12512		1.40E-01	0.007721	6.44E-05	0.008195	1.56E-01		0.162407	0.007805	4.76E-05	0.00904	0.1793
3780	473863.09	3852377.25	4.56473	5.61214	5.82854	3.90945		1.04E-01	0.00598	8.8E-05	0.0125	0.12274		1.38E-01	0.007907	7.13E-05	0.00776	1.54E-01		0.159606	0.007993	5.27E-05	0.00856	0.176211
3781	474363.09	3852377.25	4.49102	6.72839	6.25568	3.85624		1.02E-01	0.00717	9.4E-05	0.01233	0.12208		1.36E-01	0.00948	7.66E-05	0.007654	1.53E-01		0.157028	0.009582	5.66E-05	0.008444	0.175111
3782	474863.09	3852377.25	5.60319	8.15867	7.28486	5.28524		1.28E-01	0.00869	0.00011	0.0169	0.15357		1.69E-01	0.011495	8.92E-05	0.010491	1.91E-01		0.195915	0.011619	6.59E-05	0.011573	0.219173
3783	475363.09	3852377.25	5.85455	7.22129	7.25496	5.26229		1.34E-01	0.00769	0.00011	0.01682	0.15823		1.77E-01	0.010174	8.88E-05	0.010445	1.97E-01		0.204704	0.010284	6.56E-05	0.011523	0.226576
3784	475863.09	3852377.25	5.87585	9.10484	7.67204	6.17132		1.34E-01	0.0097	0.00012	0.01973	0.16364		1.77E-01	0.012828	9.39E-05	0.012249	2.03E-01		0.205449	0.012967	6.94E-05	0.013513	0.231998
3785	476363.09	3852377.25	5.88555	10.12086	8.21656	6.26846		1.34E-01	0.01078	0.00012	0.02004	0.16526		1.78E-01	0.01426	0.000101	0.012442	2.04E-01		0.205788	0.014414	7.43E-05	0.013726	0.234002
3786	476863.09	3852377.25	7.21069	9.91542	10.00021	6.71052		1.65E-01	0.01056	0.00015	0.02145	0.19672		2.18E-01	0.01397	0.000122	0.01332	2.45E-01		0.252121	0.014121	9.05E-05	0.014694	0.281027
3787	477363.09	3852377.25	8.19864	10.12523	10.53591	5.97175		1.87E-01	0.01079	0.00016	0.01909	0.21714		2.47E-01	0.014266	0.000129	0.011853	2.74E-01		0.286665	0.01442	9.53E-05	0.013076	0.314256
3788	477863.09	3852377.25	7.79211	10.4037	8.61766	3.58981		1.78E-01	0.01108	0.00013	0.01148	0.20051		2.35E-01	0.014658	0.000105	0.007125	2.57E-01		0.272451	0.014816	7.8E-05	0.00786	0.295206
3789	478363.09	3852377.25	6.03497	9.43879	8.13909	3.21983		1.38E-01	0.01006	0.00012	0.01029	0.15819		1.82E-01	0.013299	9.96E-05	0.006391	2.02E-01		0.211012	0.013442	7.36E-05	0.00705	0.231579
3790	478863.09	3852377.25	10.29283	11.58204	13.99724	8.71593		2.35E-01	0.01234	0.00021	0.02787	0.27531		3.11E-01	0.016318	0.000171	0.0173	3.44E-01		0.359888	0.016495	0.000127	0.019085	0.395594
3791	479363.09	3852377.25	14.48397	17.07187	18.54666	13.74389		3.31E-01	0.01819	0.00028	0.04394	0.39294		4.37E-01	0.024053	0.000227	0.02728	4.89E-01		0.506431	0.024313	0.000168	0.030095	0.561006
3792	479863.09	3852377.25	15.72997	20.25264	18.72073	19.0453		3.59E-01	0.02158	0.00028	0.06089	0.44172		4.75E-01	0.028535	0.000229	0.037803	5.41E-01		0.549998	0.028843	0.000169	0.041703	0.620712
3793	480363.09	3852377.25	15.63651	21.34763	17.51676	24.02045		3.57E-01	0.02274	0.00026	0.07679	0.45664		4.72E-01	0.030077	0.000214	0.047678	5.50E-01		0.54673	0.030402	0.000158	0.052597	0.629887
3794	480863.09	3852377.25	16.8225	22.35706	19.17875	24.08893		3.84E-01	0.02382	0.00029	0.07701	0.48502		5.08E-01	0.0315	0.000235	0.047814	5.87E-01		0.588198	0.03184	0.000174	0.052747	0.672958
3795	481363.09	3852377.25	18.90882	29.23748	21.64187	33.1073		4.32E-01	0.03115	0.00033	0.10584	0.56883		5.71E-01	0.041194	0.000265	0.065715	6.78E-01		0.661146	0.041638	0.000196	0.072494	0.775474
3796	481863.09	3852377.25	18.59755	25.99792	23.36298	32.96233		4.24E-01	0.0277	0.00035	0.10538	0.55784		5.61E-01	0.036629	0.000286	0.065427	6.64E-01		0.650262	0.037025	0.000211	0.072176	0.759675
3797	482363.09	3852377.25	17.65887	25.13542	22.54763	32.09231		4.03E-01	0.02678	0.00034	0.1026	0.53271		5.33E-01	0.035414	0.000276	0.0637	6.32E-01		0.617441	0.035797	0.000204	0.070271	0.723713
3798	482863.09	3852377.25	16.57502	27.673	23.30615	15.83436		3.78E-01	0.02948	0.00035	0.05062	0.45871		5.00E-01	0.03899	0.000285	0.03143	5.71E-01		0.579545	0.03941	0.000211	0.034672	0.653838
3799	483363.09	3852377.25	12.57669	24.1599	17.29377	10.40223		2.87E-01	0.02574	0.00026	0.03326	0.34627		3.80E-01	0.03404	0.000212	0.020647	4.34E-01		0.439743	0.034407	0.000156	0.022777	0.497084
3800	483863.09	3852377.25	7.90733	14.75551	9.87883	6.5786		1.80E-01	0.01572	0.00015	0.02103	0.21735		2.39E-01	0.02079	0.000121	0.013058	2.73E-01		0.276479	0.021014	8.94E-05	0.014405	0.311988
3801	484363.09	3852377.25	6.97434	17.66027	9.59573	6.01479		1.59E-01	0.01881	0.00014	0.01923	0.19735		2.10E-01	0.024882	0.000117	0.011939	2.47E-01		0.243857	0.025151	8.68E-05	0.01317	0.282265
3802	484863.09	3852377.25	7.0174	17.35666	9.58419	5.75889		1.60E-01	0.01849	0.00014	0.01841	0.19719		2.12E-01	0.024454	0.000117	0.011431	2.48E-01		0.245363	0.024718	8.67E-05	0.01261	0.282778
3803	485363.09	3852377.25	5.7851	17.86254	7.52074	5.31737		1.32E-01	0.01903	0.00011	0.017	0.16816		1.75E-01	0.025167	9.2E-05	0.010554	2.10E-01		0.202276	0.025439	6.8E-05	0.011643	0.239426
3804	485863.09	3852377.25	5.3435	13.55841	7.41465	3.66081		1.22E-01	0.01444	0.00011	0.0117	0.1482		1.61E-01	0.019103	9.07E-05	0.007266	1.88E-01		0.186835	0.019309	6.71E-05	0.008016	0.214227
3805	486363.09	3852377.25	3.93802	14.83472	4.36985	3.35627		8.99E-02	0.0158	6.6E-05	0.01073	0.11647		1.19E-01	0.020901	5.35E-05	0.006662	1.46E-01		0.137693	0.021127	3.95E-05	0.007349	0.166208
3806	486863.09	3852377.25	3.48027	5.89894	4.74306	3.17756		7.94E-02	0.00628	7.1E-05	0.01016	0.09594		1.05E-01	0.008311	5.81E-05	0.006307	1.20E-01		0.121687	0.008401	4.29E-05	0.006958	0.137089
3807	487363.09	3852377.25	2.47435	5.95543	3.19999	2.40601		5.65E-02	0.00634	4.8E-05	0.00769	0.07055		7.47E-02	0.008391	3.92E-05	0.004776	8.79E-02		0.086516	0.008481	2.89E-05	0.005268	0.100294
3808	487863.09	3852377.25	1.73773	6.94028	2.4014	2.57408		3.97E-02	0.00739	3.6E-05	0.00823	0.05532		5.24E-02	0.009778	2.94E-05	0.005109	6.74E-02		0.06076	0.009884	2.17E-05	0.005636	0.076302
3809	488363.09	3852377.25	1.72413	3.53124	2.3869	2.52832		3.93E-02	0.00376	3.6E-05	0.00808	0.05123		5.20E-02	0.004975	2.92E-05	0.005018	6.21E-02		0.060284	0.005029	2.16E-05	0.005536	0.070871
3810	488863.09	3852377.25	1.71434	3.35431	2.37414	2.481		3.91E-02	0.00357	3.6E-05	0.00793	0.05066		5.17E-02	0.004726	2.91E-05	0.004925	6.14E-02		0.059942	0.004777	2.15E-05	0.005433	0.070173
3811	489363.09	3852377.25	1.70466	3.82996	2.36151	2.43369		3.89E-02	0.00408	3.6E-05	0.00778	0.0508		5.14E-02	0.005396	2.89E-05	0.004831	6.17E-02		0.059603	0.005454	2.14E-05	0.005329	0.070408
3812	489863.09	3852377.25	1.68726	5.94006	2.34398	2.38637		3.85E-02	0.00633	3.5E-05	0.00763	0.0525		5.09E-02	0.008369	2.87E-05	0.004737	6.41E-02		0.058995	0.00846	2.12E-05	0.005225	0.072701
3813	490363.09	3852377.25	1.59135	4.89289	2.1006	2.339		3.63E-02	0.00521	3.2E-05	0.00748	0.04904		4.80E-02	0.006894	2.57E-05	0.004643	5.96E-02		0.055641	0.006968	1.9E-05	0.005122	0.06775
3814	490863.09	3852377.25	1.5754	5.72965	2.13881	2.29172		3.60E-02	0.0061	3.2E-05	0.00733	0.04941		4.75E-02	0.008073	2.62E-05	0.004549	6.02E-02		0.055084	0.00816	1.93E-05	0.005018	0.068281
3815	491363.09	3852377.25	1.56271	4.63082	2.17463	2.2428		3.57E-02	0.00493	3.3E-05	0.00717	0.0478		4.72E-02	0.006525	2.66E-05	0.004452	5.82E-02		0.05464	0.006595	1.97E-05	0.004911	0.066166
3816	491863.09	3852377.25	1.55601	2.55166	2.17	2.10605		3.55E-02	0.00272	3.3E-05	0.00673	0.04499		4.70E-02	0.003595	2.66E-05	0.00418	5.48E-02		0.054406	0.003634	1.96E-05	0.004612	0.062671
3817	492363.09	3852377.25	1.55051	2.21491	2.16274	2.15286		3.54E-02	0.00236	3.3E-05	0.00688	0.04466		4.68E-02	0.003121	2.65E-05	0.004273	5.42E-02		0.054213	0.003154	1.96E-05	0.004714	0.062101
3818	492863.09	3852377.25	1.54518	1.94009	2.15544	2.13704		3.53E-02	0.00207	3.2E-05	0.00683	0.04419		4.66E-02	0.002733	2.64E-05	0.004242	5.36E-02		0.054027	0.002763	1.95E-05	0.004679	0.061489
3819	493363.09	3852377.25	1.5399	4.18636	2.1482	2.11413		3.51E-02	0.00446	3.2E-05	0.00676	0.04639		4.65E-02	0.005898	2.63E-05	0.004196	5.66E-02		0.053843	0.005962	1.94E-05	0.004629	0.064453
3820	493863.09	3852377.25	1.61586	4.3481	2.14101	2.09087		3.69E-02	0.00463	3.2E-05	0.00668	0.04822		4.88E-02	0.006126	2.62E-05	0.00415	5.91E-02		0.056498	0.006192	1.94E-05	0.004578	0.067288
3821	494363.09	3852377.25	1.52947	2.29327	2.13387	2.06754		3.49E-02	0.00244	3.2E-05	0.00661	0.04399		4.62E-02	0.003231	2.61E-05	0.004104	5.35E-02		0.053478	0.003266	1.93E-05	0.004527	0.06129
3822	494863.09	3852377.25	1.73761	3.91447	2.12678	2.04429		3.97E-02	0.00417	3.2E-05	0.00654	0.05039		5.24E-02	0.005515	2.6E-05	0.004058	6.20E-02		0.060755	0.005575	1.92E-05	0.004476	0.070826
3823	495363.09	3852377.25	1.88692	3.46438	2.22985	2.02096		4.31E-02	0.00369	3.4E-05	0.00646	0.05325		5.69E-02	0.004881	2.73E-05	0.004011	6.59E-02		0.065976	0.004934	2.02E-05	0.004425	0.075355
3824	495863.09	3852377.25	1.6671	3.09209	2.10181	1.99767		3.80E-02	0.00329	3.2E-05	0.00639	0.04776		5.03E-02	0.004357	2.57E-05	0.003965	5.87E-02		0.05829	0.004404	1.9E-05	0.004374	0.067087
3825	496363.09	3852377.25	1.40291	3.13107	2.01014	1.97438		3.20E-02	0.00334	3E-05	0.00631	0.04169		4.23E-02	0.004411	2.46E-05	0.003919	5.07E-02		0.049053	0.004459	1.82E-05	0.004323	0.057853
3826	496863.09	3852377.25	1.25402	2.82202	1.71222	1.95107		2.86E-02	0.00301	2.6E-05	0.00624	0.03789		3.78E-02	0.003976	2.1E-05	0.003873	4.57E-02		0.043847	0.004019	1.55E-05	0.004272	0.052153
3827	497363.09	3852377.25	1.10123	4.14679	1.40766	1.92769		2.51E-02	0.00442	2.1E-05	0.00616	0.03573		3.32E-02	0.005843	1.72E-05	0.003826	4.29E-02		0.038504	0.005906	1.27E-05	0.004221	0.048644
3828	497863.09	3852377.25	1.0534	4.62029	1.4299	1.90451		2.40E-02	0.00492	2.2E-05	0.00609	0.03507		3.18E-02	0.00651	1.75E-05	0.00378	4.21E-02		0.036832	0.00658	1.29E-05	0.00417	0.047595
3829	498363.09	3852377.25	1.05222	3.6336	1.44266	1.87769		2.40E-02	0.00387	2.2E-05	0.006	0.03391		3.18E-02	0.00512	1.77E-05	0.003727	4.06E-02		0.036791	0.005175	1.31E-05	0.004112	0.04609
3830	471363.09	3852877.25	3.23495	5.03914	4.49816	4.74441		7.38E-02	0.00537	6.8E-05	0.01517	0.09443		9.76E-02	0.0071	5.51E-05	0.009417	1.14E-01		0.11311	0.007176	4.07E-05	0.010389	0.130716
3831	471863.09	3852877.25	3.94609	5.49484	5.33542	4.80295		9.01E-02	0.00585	8E-05	0.01536	0.11134		1.19E-01	0.007742	6.53E-05	0.009533	1.36E-01		0.137975	0.007825	4.83E-05	0.010517	0.156365
3832	472363.09	3852877.25	4.22555	6.10516	5.66937	4.83444		9.64E-02	0.0065	8.5E-05	0.01546	0.11848		1.28E-01	0.008602	6.94E-05	0.009596	1.46E-01		0.147746	0.008695	5.13E-05	0.010586	0.167078
3833	472863.09	3852877.25	4.23088	6.41675	5.85552	4.81616		9.66E-02	0.00684	8.8E-05	0.0154	0.11887		1.28E-01	0.009041	7.17E-05	0.00956	1.46E-01		0.147932	0.009138	5.3E-05	0.010546	0.16767
3834	473363.09	3852877.25	4.34439	6.61465	5.91417	4.70669		9.91E-02	0.00705	8.9E-05	0.01505	0.12133		1.31E-01	0.00932	7.24E-05	0.009342	1.50E-01		0.151901	0.00942	5.35E-05	0.010306	0.171681
3835	473863.09	3852877.25	5.75182	6.94833	7.48827	4.49697		1.31E-01	0.0074	0.00011	0.01438	0.15315		1.74E-01	0.00979	9.17E-05	0.008926	1.92E-01		0.201112	0.009895	6.77E-05	0.009847	0.220922
3836	474363.09	3852877.25	6.86334	7.76248	9.06762	5.16621		1.57E-01	0.00827	0.00014	0.01652	0.18155		2.07E-01	0.010937	0.000111	0.010254	2.28E-01		0.239976	0.011055	8.2E-05	0.011312	0.262426
3837	474863.09	3852877.25	5.93513	9.13239	7.07068	4.377		1.35E-01	0.00973	0.00011	0.01399	0.15927		1.79E-01	0.012867	8.65E-05	0.008688	2.01E-01		0.207521	0.013006	6.4E-05	0.009584	0.230175
3838	475363.09	3852877.25	6.88543	11.7808	7.39195	4.79412		1.57E-01	0.01255	0.00011	0.01533	0.18512		2.08E-01	0.016598	9.05E-05	0.009516	2.34E-01		0.240749	0.016778	6.69E-05	0.010498	0.268091
3839	475863.09	3852877.25	6.58388	12.92635	7.50718	4.79936		1.50E-01	0.01377	0.00011	0.01534	0.17948		1.99E-01	0.018212	9.19E-05	0.009526	2.27E-01		0.230205	0.018409	6.79E-05	0.010509	0.259191

3840	476363.09	3852877.25	5.46162	11.60269	7.37907	3.83133	1.25E-01	0.01236	0.00011	0.01225	0.14936	1.65E-01	0.016347	9.03E-05	0.007605	1.89E-01	0.190965	0.016524	6.68E-05	0.008389	0.215945
3841	476863.09	3852877.25	4.89241	6.1925	6.31956	3.19148	1.12E-01	0.0066	9.5E-05	0.0102	0.12854	1.48E-01	0.008725	7.73E-05	0.006335	1.63E-01	0.171063	0.008819	5.72E-05	0.006988	0.186927
3842	477363.09	3852877.25	4.21906	6.08964	5.31722	2.96909	9.63E-02	0.00649	8E-05	0.00949	0.11234	1.27E-01	0.00858	6.51E-05	0.005893	1.42E-01	0.147519	0.008673	4.81E-05	0.006501	0.162741
3843	477863.09	3852877.25	2.97695	4.86005	4.65199	2.39648	6.79E-02	0.00518	7E-05	0.00766	0.08085	8.98E-02	0.006848	5.69E-05	0.004757	1.02E-01	0.104089	0.006921	4.21E-05	0.005247	0.1163
3844	478363.09	3852877.25	2.49341	3.68485	2.85318	2.16796	5.69E-02	0.00393	4.3E-05	0.00693	0.0678	7.53E-02	0.005192	3.49E-05	0.004303	8.48E-02	0.087182	0.005248	2.58E-05	0.004747	0.097203
3845	478863.09	3852877.25	2.46682	3.80052	3.33754	2.25307	5.63E-02	0.00405	5E-05	0.0072	0.0676	7.45E-02	0.005355	4.08E-05	0.004472	8.43E-02	0.086252	0.005412	3.02E-05	0.004933	0.096628
3846	479363.09	3852877.25	5.25887	7.70413	5.89481	2.78437	1.20E-01	0.00821	8.9E-05	0.0089	0.13721	1.59E-01	0.010855	7.21E-05	0.005527	1.75E-01	0.183876	0.010972	5.33E-05	0.006097	0.200998
3847	479863.09	3852877.25	13.4104	16.79219	17.58692	12.27559	3.06E-01	0.01789	0.00027	0.03925	0.36344	4.05E-01	0.023659	0.000215	0.024366	4.53E-01	0.468894	0.023915	0.000159	0.026879	0.519847
3848	480363.09	3852877.25	14.05963	20.58674	17.05933	22.02876	3.21E-01	0.02193	0.00026	0.07043	0.41347	4.24E-01	0.029005	0.000209	0.043725	4.97E-01	0.491594	0.029319	0.000154	0.048236	0.569303
3849	480863.09	3852877.25	17.74527	26.11527	19.94695	24.58416	4.05E-01	0.02782	0.0003	0.0786	0.51168	5.36E-01	0.036795	0.000244	0.048797	6.21E-01	0.620462	0.037192	0.00018	0.053831	0.711666
3850	481363.09	3852877.25	19.89754	26.2069	21.55852	27.47991	4.54E-01	0.02792	0.00032	0.08785	0.57018	6.01E-01	0.036924	0.000264	0.054545	6.92E-01	0.695716	0.037322	0.000195	0.060172	0.793406
3851	481863.09	3852877.25	23.80926	35.39174	26.16359	38.15388	5.43E-01	0.0377	0.00039	0.12198	0.70342	7.19E-01	0.049865	0.00032	0.075731	8.45E-01	0.832489	0.050403	0.000237	0.083544	0.966673
3852	482363.09	3852877.25	21.61887	32.91731	27.85982	37.51838	4.93E-01	0.03507	0.00042	0.11995	0.6488	6.52E-01	0.046378	0.000341	0.07447	7.74E-01	0.755903	0.046879	0.000252	0.082153	0.885186
3853	482863.09	3852877.25	19.89795	31.38468	26.4817	37.82734	4.54E-01	0.03344	0.0004	0.12093	0.60886	6.01E-01	0.044219	0.000324	0.075083	7.20E-01	0.695731	0.044696	0.00024	0.082829	0.823496
3854	483363.09	3852877.25	17.98612	28.95205	24.93265	16.07298	4.10E-01	0.03084	0.00038	0.05139	0.49306	5.43E-01	0.040792	0.000305	0.031903	6.16E-01	0.628884	0.041232	0.000226	0.035194	0.705536
3855	483863.09	3852877.25	12.36097	22.01245	16.83431	9.74246	2.82E-01	0.02345	0.00025	0.03115	0.33694	3.73E-01	0.031014	0.000206	0.019338	4.24E-01	0.432201	0.031349	0.000152	0.021333	0.485035
3856	484363.09	3852877.25	9.49805	28.63415	12.7116	6.65651	2.17E-01	0.03051	0.00019	0.02128	0.26873	2.87E-01	0.040344	0.000156	0.013212	3.40E-01	0.332099	0.040779	0.000115	0.014576	0.387569
3857	484863.09	3852877.25	8.61847	25.67881	11.62106	7.53258	1.97E-01	0.02736	0.00018	0.02408	0.24829	2.60E-01	0.03618	0.000142	0.014951	3.11E-01	0.301344	0.03657	0.000105	0.016494	0.354514
3858	485363.09	3852877.25	5.90625	11.43058	7.63402	5.527	1.35E-01	0.01218	0.00012	0.01767	0.16475	1.78E-01	0.016105	9.34E-05	0.010971	2.05E-01	0.206512	0.016279	6.91E-05	0.012102	0.234962
3859	485863.09	3852877.25	5.33473	14.24227	7.44219	4.51294	1.22E-01	0.01517	0.00011	0.01443	0.15146	1.61E-01	0.020066	9.11E-05	0.008958	1.90E-01	0.186529	0.020283	6.73E-05	0.009882	0.216761
3860	486363.09	3852877.25	3.54166	8.51046	4.70739	3.37209	8.08E-02	0.00907	7.1E-05	0.01078	0.10074	1.07E-01	0.011991	5.76E-05	0.006693	1.26E-01	0.123834	0.01212	4.26E-05	0.007384	0.14338
3861	486863.09	3852877.25	2.78971	5.2888	3.58682	3.22742	6.37E-02	0.00563	5.4E-05	0.01032	0.07967	8.42E-02	0.007452	4.39E-05	0.006406	9.81E-02	0.097542	0.007532	3.24E-05	0.007067	0.112173
3862	487363.09	3852877.25	1.7635	6.75352	2.43298	2.58422	4.02E-02	0.00719	3.7E-05	0.00826	0.05574	5.32E-02	0.009515	2.98E-05	0.005129	6.79E-02	0.061661	0.009618	2.2E-05	0.005659	0.076959
3863	487863.09	3852877.25	1.74735	4.60611	2.41686	2.53867	3.99E-02	0.00491	3.6E-05	0.00812	0.05294	5.27E-02	0.00649	2.96E-05	0.005039	6.43E-02	0.061096	0.00656	2.19E-05	0.005559	0.073236
3864	488363.09	3852877.25	1.73647	3.95424	2.40299	2.49137	3.96E-02	0.00421	3.6E-05	0.00796	0.05184	5.24E-02	0.005571	2.94E-05	0.004945	6.30E-02	0.060716	0.005631	2.17E-05	0.005455	0.071824
3865	488863.09	3852877.25	1.72597	6.60532	2.38937	2.44405	3.94E-02	0.00704	3.6E-05	0.00781	0.05427	5.21E-02	0.009306	2.92E-05	0.004851	6.63E-02	0.060348	0.009407	2.16E-05	0.005352	0.075129
3866	489363.09	3852877.25	1.7142	4.70518	2.37551	2.39668	3.91E-02	0.00501	3.6E-05	0.00766	0.05183	5.17E-02	0.006629	2.91E-05	0.004757	6.32E-02	0.059937	0.006701	2.15E-05	0.005248	0.071907
3867	489863.09	3852877.25	1.63191	3.28605	2.26293	2.34939	3.72E-02	0.0035	3.4E-05	0.00751	0.04829	4.93E-02	0.00463	2.77E-05	0.004663	5.86E-02	0.05706	0.00468	2.05E-05	0.005144	0.066904
3868	490363.09	3852877.25	1.57911	5.25411	2.20092	2.30205	3.60E-02	0.0056	3.3E-05	0.00736	0.04903	4.77E-02	0.007403	2.69E-05	0.004569	5.97E-02	0.055213	0.007483	1.99E-05	0.005041	0.067757
3869	490863.09	3852877.25	1.57308	5.60977	2.19363	2.25457	3.59E-02	0.00598	3.3E-05	0.00721	0.04912	4.75E-02	0.007904	2.68E-05	0.004475	5.99E-02	0.055003	0.007989	1.98E-05	0.004937	0.067948
3870	491363.09	3852877.25	1.59177	4.57588	2.25776	2.1756	3.63E-02	0.00487	3.4E-05	0.00696	0.04819	4.80E-02	0.006447	2.76E-05	0.004318	5.88E-02	0.055656	0.006517	2.04E-05	0.004764	0.066957
3871	491863.09	3852877.25	1.7661	4.97102	2.26856	2.13409	4.03E-02	0.0053	3.4E-05	0.00682	0.05246	5.33E-02	0.007004	2.78E-05	0.004236	6.46E-02	0.061752	0.007079	2.05E-05	0.004673	0.073525
3872	492363.09	3852877.25	1.90528	4.92687	2.17108	2.11077	4.35E-02	0.00525	3.3E-05	0.00675	0.05551	5.75E-02	0.006942	2.66E-05	0.00419	6.87E-02	0.066618	0.007017	1.96E-05	0.004622	0.078276
3873	492863.09	3852877.25	2.02306	5.51947	2.16372	2.08766	4.62E-02	0.00588	3.3E-05	0.00667	0.05875	6.11E-02	0.007777	2.65E-05	0.004144	7.30E-02	0.070736	0.007861	1.96E-05	0.004571	0.083188
3874	493363.09	3852877.25	2.09115	5.04497	2.38129	2.06422	4.77E-02	0.00537	3.6E-05	0.0066	0.05973	6.31E-02	0.007108	2.91E-05	0.004097	7.43E-02	0.073117	0.007185	2.15E-05	0.00452	0.084843
3875	493863.09	3852877.25	2.13203	3.6138	2.60205	2.04092	4.87E-02	0.00385	3.9E-05	0.00652	0.05907	6.43E-02	0.005092	3.18E-05	0.004051	7.35E-02	0.074546	0.005147	2.35E-05	0.004469	0.084185
3876	494363.09	3852877.25	2.15111	3.68441	2.75783	2.0176	4.91E-02	0.00393	4.2E-05	0.00645	0.05951	6.49E-02	0.005191	3.38E-05	0.004005	7.42E-02	0.075213	0.005247	2.49E-05	0.004418	0.084903
3877	494863.09	3852877.25	2.16415	4.2043	2.86238	1.99429	4.94E-02	0.00448	4.3E-05	0.00638	0.06029	6.53E-02	0.005924	3.5E-05	0.003958	7.52E-02	0.075669	0.005988	2.59E-05	0.004367	0.08605
3878	495363.09	3852877.25	2.01443	4.26117	2.75524	1.971	4.60E-02	0.00454	4.2E-05	0.0063	0.05685	6.08E-02	0.006004	3.37E-05	0.003912	7.07E-02	0.070434	0.006069	2.49E-05	0.004316	0.080844
3879	495863.09	3852877.25	1.696	3.90497	2.0042	1.94781	3.87E-02	0.00416	3E-05	0.00623	0.04912	5.12E-02	0.005502	2.45E-05	0.003866	6.06E-02	0.059301	0.005561	1.81E-05	0.004265	0.069145
3880	496363.09	3852877.25	1.66819	4.53289	2.06037	1.92416	3.81E-02	0.00483	3.1E-05	0.00615	0.04908	5.03E-02	0.006387	2.52E-05	0.003819	6.06E-02	0.058328	0.006455	1.86E-05	0.004213	0.069016
3881	496863.09	3852877.25	1.44838	4.82803	1.78252	1.90098	3.31E-02	0.00514	2.7E-05	0.00608	0.0443	4.37E-02	0.006802	2.18E-05	0.003773	5.43E-02	0.050643	0.006876	1.61E-05	0.004163	0.061697
3882	497363.09	3852877.25	1.07411	3.50195	1.49151	1.87531	2.45E-02	0.00373	2.2E-05	0.006	0.03426	3.24E-02	0.004934	1.83E-05	0.003722	4.11E-02	0.037556	0.004987	1.35E-05	0.004106	0.046663
3883	497863.09	3852877.25	1.06611	1.80883	1.48627	1.82378	2.43E-02	0.00193	2.2E-05	0.00583	0.03211	3.22E-02	0.002549	1.82E-05	0.00362	3.84E-02	0.037276	0.002576	1.34E-05	0.003993	0.043859
3884	498363.09	3852877.25	1.0551	1.05021	1.47639	1.72257	2.41E-02	0.00112	2.2E-05	0.00551	0.03073	3.18E-02	0.00148	1.81E-05	0.003419	3.68E-02	0.036892	0.001496	1.34E-05	0.003772	0.042172
3885	471363.09	3853377.25	3.36275	4.80183	4.54056	4.18263	7.67E-02	0.00512	6.8E-05	0.01337	0.0953	1.01E-01	0.006765	5.56E-05	0.008302	1.17E-01	0.117578	0.006839	4.11E-05	0.009159	0.133617
3886	471863.09	3853377.25	4.01952	5.08408	5.62493	4.41497	9.17E-02	0.00542	8.5E-05	0.01411	0.11134	1.21E-01	0.007163	6.88E-05	0.008763	1.37E-01	0.140542	0.00724	5.09E-05	0.009667	0.157501
3887	472363.09	3853377.25	4.4414	5.12302	6.25865	4.57345	1.01E-01	0.00546	9.4E-05	0.01462	0.12153	1.34E-01	0.007218	7.66E-05	0.009078	1.50E-01	0.155293	0.007296	5.66E-05	0.010014	0.17266
3888	472863.09	3853377.25	4.73649	5.63682	6.43688	4.67912	1.08E-01	0.00601	9.7E-05	0.01496	0.12915	1.43E-01	0.007942	7.88E-05	0.009288	1.60E-01	0.165611	0.008028	5.82E-05	0.010246	0.183943
3889	473363.09	3853377.25	4.84761	5.69155	6.36037	4.75783	1.11E-01	0.00606	9.6E-05	0.01521	0.132	1.46E-01	0.008019	7.78E-05	0.009444	1.64E-01	0.169496	0.008106	5.75E-05	0.010418	0.188078
3890	473863.09	3853377.25	4.87603	5.47284	6.18831	4.82062	1.11E-01	0.00583	9.3E-05	0.01541	0.13261	1.47E-01	0.007711	7.57E-05	0.009568	1.65E-01	0.17049	0.007794	5.6E-05	0.010556	0.188896
3891	474363.09	3853377.25	4.8644	6.0919	6.06825	4.86876	1.11E-01	0.00649	9.1E-05	0.01557	0.13316	1.47E-01	0.008583	7.43E-05	0.009664	1.65E-01	0.170083	0.008676	5.49E-05	0.010661	0.189475
3892	474863.09	3853377.25	4.8026	6.74176	6.20748	4.88173	1.10E-01	0.00718	9.4E-05	0.01561	0.13248	1.45E-01	0.009499	7.6E-05	0.00969	1.64E-01	0.167923	0.009601	5.62E-05	0.010689	0.188269
3893	475363.09	3853377.25	4.67738	7.34796	6.27761	4.81973	1.07E-01	0.00783	9.5E-05	0.01541	0.13007	1.41E-01	0.010353	7.68E-05	0.009567	1.61E-01	0.163544	0.010465	5.68E-05	0.010554	0.184619
3894	475863.09	3853377.25	4.64208	7.78319	6.2053	4.60299	1.06E-01	0.00829	9.4E-05	0.01472	0.12904	1.40E-01	0.010966	7.59E-05	0.009136	1.60E-01	0.16231	0.011084	5.61E-05	0.010079	0.18353
3895	476363.09	3853377.25	4.63116	7.90649	5.95947	4.13407	1.06E-01	0.00842	9E-05	0.01322	0.12742	1.40E-01	0.01114	7.29E-05	0.008206	1.59E-01	0.161928	0.01126	5.39E-05	0.009052	0.182294
3896	476863.09	3853377.25	3.87939	5.82145	4.82558	3.34365	8.85E-02	0.0062	7.3E-05	0.01069	0.1055	1.17E-01	0.008202	5.91E-05	0.006637	1.32E-01	0.135643	0.008291	4.37E-05	0.007321	0.151298
3897	477363.09	3853377.25	3.68771	6.70652	4.70678	3.14092	8.42E-02	0.00714	7.1E-05	0.01004	0.10141	1.11E-01	0.009449	5.76E-05	0.006234	1.27E-01	0.128941	0.009551	4.26E-05	0.006878	0.145412
3898	477863.09	3853377.25	3.59283	7.62728	4.37786	3.22094	8.20E-02	0.00813	6.6E-05	0.0103	0.10048	1.08E-01	0.010746	5.36E-05	0.006393	1.26E-01	0.125623	0.010862	3.96E-05	0.007053	0.143578
3899	478363.09	3853377.25	3.2145	6.55142	3.54457	1.97358	7.34E-02	0.00698	5.3E-05	0.00631	0.0867	9.70E-02	0.009231	4.34E-05	0.003917	1.10E-01	0.112395	0.00933	3.21E-05	0.004321	0.126079
3900	478863.09	3853377.25	2.42376	3.85376	2.3805	1.85784	5.53E-02	0.00411	3.6E-05	0.00594	0.06539	7.32E-02	0.00543	2.91E-05	0.003688	8.23E-02	0.084747	0.005488	2.15E-05	0.004068	0.094325

3901	479363.09	3853377.25	2.66463	4.63359	3.24112	2.50666		6.08E-02	0.00494	4.9E-05	0.00801	0.07381		8.04E-02	0.006528	3.97E-05	0.004975	9.20E-02		0.093169	0.006599	2.93E-05	0.005489	0.105286
3902	479863.09	3853377.25	6.56871	8.26663	8.9917	2.82431		1.50E-01	0.00881	0.00014	0.00903	0.16787		1.98E-01	0.011647	0.00011	0.005606	2.16E-01		0.229675	0.011773	8.13E-05	0.006184	0.247713
3903	480363.09	3853377.25	12.63179	21.98957	17.28765	9.93458		2.88E-01	0.02343	0.00026	0.03176	0.34372		3.81E-01	0.030982	0.000212	0.019719	4.32E-01		0.44167	0.031316	0.000156	0.021753	0.494896
3904	480863.09	3853377.25	15.95279	22.83964	21.6373	14.35528		3.64E-01	0.02433	0.00033	0.04589	0.43461		4.81E-01	0.03218	0.000265	0.028494	5.42E-01		0.557788	0.032527	0.000196	0.031433	0.621944
3905	481363.09	3853377.25	20.82437	28.50922	25.18635	23.38075		4.75E-01	0.03037	0.00038	0.07475	0.58073		6.28E-01	0.040168	0.000308	0.046408	7.15E-01		0.728123	0.040601	0.000228	0.051196	0.820148
3906	481863.09	3853377.25	24.29874	33.22303	26.34149	32.06733		5.55E-01	0.03539	0.0004	0.10252	0.69283		7.33E-01	0.046809	0.000322	0.06365	8.44E-01		0.849604	0.047314	0.000238	0.070217	0.967374
3907	482363.09	3853377.25	30.13071	44.26717	30.37916	41.29177		6.88E-01	0.04716	0.00046	0.13201	0.86724		9.09E-01	0.06237	0.000372	0.08196	1.05E+00		1.053519	0.063043	0.000275	0.090415	1.207252
3908	482863.09	3853377.25	26.22044	43.17788	34.38766	43.87154		5.98E-01	0.046	0.00052	0.14026	0.78515		7.91E-01	0.060835	0.000421	0.08708	9.40E-01		0.916796	0.061492	0.000311	0.096064	1.074663
3909	483363.09	3853377.25	24.17032	43.40325	31.72211	36.48362		5.52E-01	0.04624	0.00048	0.11664	0.71494		7.29E-01	0.061152	0.000388	0.072416	8.63E-01		0.845114	0.061813	0.000287	0.079887	0.9871
3910	483863.09	3853377.25	19.00116	43.3393	26.28317	14.61624		4.34E-01	0.04617	0.0004	0.04673	0.52692		5.73E-01	0.061062	0.000322	0.029012	6.64E-01		0.664374	0.061722	0.000238	0.032005	0.758338
3911	484363.09	3853377.25	14.04384	42.8087	18.0684	10.6881		3.20E-01	0.04561	0.00027	0.03417	0.40054		4.24E-01	0.060315	0.000221	0.021215	5.06E-01		0.491042	0.060966	0.000163	0.023403	0.575575
3912	484863.09	3853377.25	8.95611	25.76072	12.27473	7.54516		2.04E-01	0.02744	0.00018	0.02412	0.25614		2.70E-01	0.036295	0.00015	0.014976	3.22E-01		0.31315	0.036687	0.000111	0.016521	0.366469
3913	485363.09	3853377.25	4.99233	11.61144	7.37835	5.64307		1.14E-01	0.01237	0.00011	0.01804	0.14445		1.51E-01	0.01636	9.03E-05	0.011201	1.78E-01		0.174557	0.016536	6.67E-05	0.012356	0.203516
3914	485863.09	3853377.25	2.91772	7.93004	3.73933	3.70682		6.66E-02	0.00845	5.6E-05	0.01185	0.08694		8.81E-02	0.011173	4.58E-05	0.007358	1.07E-01		0.102018	0.011294	3.38E-05	0.008117	0.121462
3915	486363.09	3853377.25	2.55155	7.15516	3.03663	3.38821		5.82E-02	0.00762	4.6E-05	0.01083	0.07673		7.70E-02	0.010081	3.72E-05	0.006725	9.39E-02		0.089215	0.01019	2.75E-05	0.007419	0.106851
3916	486863.09	3853377.25	1.86732	6.71762	2.59751	3.25583		4.26E-02	0.00716	3.9E-05	0.01041	0.06022		5.64E-02	0.009465	3.18E-05	0.006462	7.23E-02		0.065291	0.009567	2.35E-05	0.007129	0.08201
3917	487363.09	3853377.25	1.8799	7.43554	2.45767	2.54907		4.29E-02	0.00792	3.7E-05	0.00815	0.05901		5.67E-02	0.010476	3.01E-05	0.00506	7.23E-02		0.065731	0.010589	2.22E-05	0.005582	0.081924
3918	487863.09	3853377.25	2.25395	7.33381	2.44121	2.50172		5.14E-02	0.00781	3.7E-05	0.008	0.06728		6.80E-02	0.010333	2.99E-05	0.004966	8.34E-02		0.078809	0.010444	2.21E-05	0.005478	0.094754
3919	488363.09	3853377.25	2.03678	5.62233	2.56351	2.45439		4.65E-02	0.00599	3.9E-05	0.00785	0.06036		6.15E-02	0.007922	3.14E-05	0.004872	7.43E-02		0.071216	0.008007	2.32E-05	0.005374	0.08462
3920	488863.09	3853377.25	1.89561	3.92527	2.49226	2.40708		4.33E-02	0.00418	3.8E-05	0.0077	0.05517		5.72E-02	0.00553	3.05E-05	0.004778	6.76E-02		0.06628	0.00559	2.25E-05	0.005271	0.077163
3921	489363.09	3853377.25	1.70371	4.8471	2.36813	2.35979		3.89E-02	0.00516	3.6E-05	0.00754	0.05162		5.14E-02	0.006829	2.9E-05	0.004684	6.30E-02		0.05957	0.006903	2.14E-05	0.005167	0.071662
3922	489863.09	3853377.25	1.86813	5.76224	2.32332	2.3124		4.26E-02	0.00614	3.5E-05	0.00739	0.0562		5.64E-02	0.008119	2.84E-05	0.00459	6.91E-02		0.065319	0.008206	2.1E-05	0.005063	0.07861
3923	490363.09	3853377.25	2.03157	6.59051	2.32074	2.26511		4.64E-02	0.00702	3.5E-05	0.00724	0.06066		6.13E-02	0.009286	2.84E-05	0.004496	7.51E-02		0.071034	0.009386	2.1E-05	0.00496	0.0854
3924	490863.09	3853377.25	2.13816	5.45069	2.31768	2.21056		4.88E-02	0.00581	3.5E-05	0.00707	0.0617		6.45E-02	0.00768	2.84E-05	0.004388	7.66E-02		0.074761	0.007763	2.1E-05	0.00484	0.087385
3925	491363.09	3853377.25	2.2013	4.61869	2.48571	2.10723		5.02E-02	0.00492	3.7E-05	0.00674	0.06193		6.64E-02	0.006507	3.04E-05	0.004183	7.72E-02		0.076968	0.006578	2.25E-05	0.004614	0.088183
3926	491863.09	3853377.25	2.23478	4.30545	2.73676	2.08409		5.10E-02	0.00459	4.1E-05	0.00666	0.06229		6.74E-02	0.006066	3.35E-05	0.004137	7.77E-02		0.078139	0.006132	2.48E-05	0.004563	0.088859
3927	492363.09	3853377.25	2.25181	6.30705	2.90077	2.06093		5.14E-02	0.00672	4.4E-05	0.00659	0.06474		6.80E-02	0.008886	3.55E-05	0.004091	8.10E-02		0.078734	0.008982	2.62E-05	0.004513	0.092256
3928	492863.09	3853377.25	2.25807	5.01731	3.0006	2.03748		5.15E-02	0.00535	4.5E-05	0.00651	0.06344		6.82E-02	0.007069	3.67E-05	0.004044	7.93E-02		0.078953	0.007145	2.71E-05	0.004461	0.090587
3929	493363.09	3853377.25	2.25499	4.73435	3.05424	2.01415		5.15E-02	0.00504	4.6E-05	0.00644	0.06299		6.81E-02	0.00667	3.74E-05	0.003998	7.88E-02		0.078846	0.006742	2.76E-05	0.00441	0.090026
3930	493863.09	3853377.25	2.24823	5.36905	3.07989	1.99092		5.13E-02	0.00572	4.6E-05	0.00637	0.06344		6.79E-02	0.007565	3.77E-05	0.003952	7.94E-02		0.078609	0.007646	2.79E-05	0.004359	0.090643
3931	494363.09	3853377.25	2.23746	4.54007	3.08665	1.96749		5.11E-02	0.00484	4.7E-05	0.00629	0.06223		6.75E-02	0.006397	3.78E-05	0.003905	7.79E-02		0.078233	0.006466	2.79E-05	0.004308	0.089034
3932	494863.09	3853377.25	2.22419	6.07087	3.0824	1.94443		5.08E-02	0.00647	4.6E-05	0.00622	0.06349		6.71E-02	0.008553	3.77E-05	0.003859	7.96E-02		0.077769	0.008646	2.79E-05	0.004258	0.0907
3933	495363.09	3853377.25	2.15798	4.96939	3.07328	1.92105		4.92E-02	0.00529	4.6E-05	0.00614	0.06073		6.51E-02	0.007002	3.76E-05	0.003813	7.60E-02		0.075454	0.007077	2.78E-05	0.004206	0.086765
3934	495863.09	3853377.25	1.92495	5.00492	2.68478	1.8978		4.39E-02	0.00533	4E-05	0.00607	0.05537		5.81E-02	0.007052	3.29E-05	0.003767	6.89E-02		0.067306	0.007128	2.43E-05	0.004156	0.078613
3935	496363.09	3853377.25	1.67946	3.28753	2.31975	1.87267		3.83E-02	0.0035	3.5E-05	0.00599	0.04785		5.07E-02	0.004632	2.84E-05	0.003717	5.91E-02		0.058722	0.004682	2.1E-05	0.004101	0.067526
3936	496863.09	3853377.25	1.20604	2.20616	1.74333	1.82331		2.75E-02	0.00235	2.6E-05	0.00583	0.03573		3.64E-02	0.003108	2.13E-05	0.003619	4.31E-02		0.042169	0.003142	1.58E-05	0.003992	0.049319
3937	497363.09	3853377.25	1.06032	1.82331	1.48993	1.7231		2.42E-02	0.00194	2.2E-05	0.00551	0.03167		3.20E-02	0.002569	1.82E-05	0.00342	3.80E-02		0.037074	0.002597	1.35E-05	0.003773	0.043457
3938	497863.09	3853377.25	1.03841	1.13502	1.46056	1.71198		2.37E-02	0.00121	2.2E-05	0.00547	0.0304		3.13E-02	0.001599	1.79E-05	0.003398	3.64E-02		0.036308	0.001616	1.32E-05	0.003749	0.041686
3939	498363.09	3853377.25	1.01082	1.17255	1.41632	1.70086		2.31E-02	0.00125	2.1E-05	0.00544	0.02978		3.05E-02	0.001652	1.73E-05	0.003376	3.56E-02		0.035343	0.00167	1.28E-05	0.003724	0.04075
3940	471363.09	3853877.25	2.94449	4.13533	4.00823	3.76486		6.72E-02	0.00441	6E-05	0.01204	0.0837		8.89E-02	0.005826	4.91E-05	0.007473	1.02E-01		0.102954	0.005889	3.63E-05	0.008244	0.117123
3941	471863.09	3853877.25	3.56342	4.7701	5.05954	3.85984		8.13E-02	0.00508	7.6E-05	0.01234	0.09882		1.08E-01	0.006721	6.19E-05	0.007661	1.22E-01		0.124595	0.006793	4.58E-05	0.008452	0.139886
3942	472363.09	3853877.25	3.88613	4.75895	5.60898	3.93104		8.87E-02	0.00507	8.5E-05	0.01257	0.10641		1.17E-01	0.006705	6.86E-05	0.007803	1.32E-01		0.135878	0.006777	5.07E-05	0.008608	0.151314
3943	472863.09	3853877.25	4.26156	5.32347	6.10444	3.97529		9.73E-02	0.00567	9.2E-05	0.01271	0.11572		1.29E-01	0.0075	7.47E-05	0.007891	1.44E-01		0.149005	0.007581	5.52E-05	0.008705	0.165346
3944	473363.09	3853877.25	4.48605	5.71065	6.41774	4.25104		1.02E-01	0.00608	9.7E-05	0.01359	0.12215		1.35E-01	0.008046	7.85E-05	0.008438	1.52E-01		0.156854	0.008133	5.81E-05	0.009308	0.174354
3945	473863.09	3853877.25	4.68518	6.05331	6.66603	4.46447		1.07E-01	0.00645	0.0001	0.01427	0.12774		1.41E-01	0.008529	8.16E-05	0.008862	1.59E-01		0.163817	0.008621	6.03E-05	0.009776	0.182274
3946	474363.09	3853877.25	4.87878	6.96272	6.85351	4.59947		1.11E-01	0.00742	0.0001	0.0147	0.13356		1.47E-01	0.00981	8.39E-05	0.009129	1.66E-01		0.170586	0.009916	6.2E-05	0.010071	0.190636
3947	474863.09	3853877.25	5.00947	7.60799	6.95821	4.69256		1.14E-01	0.00811	0.0001	0.015	0.13753		1.51E-01	0.010719	8.52E-05	0.009314	1.71E-01		0.175156	0.010835	6.29E-05	0.010275	0.196329
3948	475363.09	3853877.25	4.93743	7.1967	6.90668	4.76535		1.13E-01	0.00767	0.0001	0.01523	0.13568		1.49E-01	0.01014	8.45E-05	0.009459	1.69E-01		0.172637	0.010249	6.25E-05	0.010435	0.193383
3949	475863.09	3853877.25	3.61891	4.96068	5.27702	4.8295		8.26E-02	0.00528	8E-05	0.01544	0.10339		1.09E-01	0.006989	6.46E-05	0.009586	1.26E-01		0.126535	0.007065	4.77E-05	0.010575	0.144222
3950	476363.09	3853877.25	3.47915	3.46668	4.97464	4.88876		7.94E-02	0.00369	7.5E-05	0.01563	0.09879		1.05E-01	0.004884	6.09E-05	0.009704	1.20E-01		0.121648	0.004937	4.5E-05	0.010705	0.137335
3951	476863.09	3853877.25	3.56432	3.17418	5.03446	4.92946		8.13E-02	0.00338	7.6E-05	0.01576	0.10056		1.08E-01	0.004472	6.16E-05	0.009784	1.22E-01		0.124626	0.00452	4.55E-05	0.010794	0.139986
3952	477363.09	3853877.25	3.61718	3.78566	5.07159	4.91948		8.25E-02	0.00403	7.6E-05	0.01573	0.10238		1.09E-01	0.005334	6.21E-05	0.009765	1.24E-01		0.126474	0.005391	4.59E-05	0.010772	0.142684
3953	477863.09	3853877.25	3.65484	4.39705	5.09057	4.77482		8.34E-02	0.00468	7.7E-05	0.01527	0.10343		1.10E-01	0.006195	6.23E-05	0.009478	1.26E-01		0.127791	0.006262	4.61E-05	0.010455	0.144555
3954	478363.09	3853877.25	3.69398	4.87477	5.05812	4.3482		8.43E-02	0.00519	7.6E-05	0.0139	0.10347		1.11E-01	0.006868	6.19E-05	0.008631	1.27E-01		0.12916	0.006942	4.58E-05	0.009521	0.145669
3955	478863.09	3853877.25	3.75345	5.05367	4.86681	3.48987		8.57E-02	0.00538	7.3E-05	0.01116	0.10227		1.13E-01	0.00712	5.96E-05	0.006927	1.27E-01		0.131239	0.007197	4.4E-05	0.007642	0.146122
3956	479363.09	3853877.25	3.84875	7.81902	4.29828	2.25354		8.78E-02	0.00833	6.5E-05	0.0072	0.10343		1.16E-01	0.011017	5.26E-05	0.004473	1.32E-01		0.134571	0.011135	3.89E-05	0.004934	0.15068
3957	479863.09	3853877.25	4.94278	9.56059	6.36685	3.27442		1.13E-01	0.01019	9.6E-05	0.01047	0.13355		1.49E-01	0.01347	7.79E-05	0.006499	1.69E-01		0.172824	0.013616	5.76E-05	0.00717	0.193667
3958	480363.09	3853877.25	8.43397	15.2707	11.66481	3.84771		1.92E-01	0.01627	0.00018	0.0123	0.22122		2.55E-01	0.021515	0.000143	0.007637	2.84E-01		0.294893	0.021748	0.000106	0.008425	0.325172
3959	480863.09	3853877.25	13.10203	27.25331	17.29241	10.1376		2.99E-01	0.02903	0.00026	0.03241	0.3607		3.95E-01	0.038398	0.000212	0.020122	4.54E-01		0.458112	0.038813	0.000156	0.022198	0.519279
3960	481363.09	3853877.25	14.1354	24.35386	19.71086	17.84717		3.23E-01	0.02595	0.0003	0.05706	0.40588		4.27E-01	0.034313	0.000241	0.035425	4.97E-01		0.494243	0.034683	0.000178	0.039079	0.568185
3961	481863.09	3853877.25	18.07443	27.04222	21.37588	29.26599		4.12E-01	0.02881	0.00032	0.09356	0.53517		5.46E-01	0.038101	0.000262	0.05809	6.42E-01		0.631971	0.038512	0.000193	0.064083	0.73476

3962	482363.09	3853877.25	28.39344	41.51176	29.27035	36.33526	6.48E-01	0.04422	0.00044	0.11616	0.80879	8.57E-01	0.058487	0.000358	0.072122	9.88E-01	0.992775	0.059119	0.000265	0.079562	1.131721
3963	482863.09	3853877.25	42.81576	58.67642	37.64106	39.74472	9.77E-01	0.06251	0.00057	0.12706	1.16723	1.29E+00	0.082671	0.000461	0.078889	1.45E+00	1.497051	0.083564	0.000341	0.087028	1.667983
3964	483363.09	3853877.25	36.1769	66.06557	48.02046	44.79553	8.26E-01	0.07038	0.00072	0.14321	1.0399	1.09E+00	0.093082	0.000588	0.088914	1.27E+00	1.264923	0.094087	0.000434	0.098087	1.457532
3965	483863.09	3853877.25	27.80278	55.828	35.77052	36.92907	6.34E-01	0.05948	0.00054	0.11806	0.81256	8.39E-01	0.078658	0.000438	0.0733	9.92E-01	0.972123	0.079507	0.000324	0.080862	1.132816
3966	484363.09	3853877.25	19.55864	52.64074	26.29913	11.29013	4.46E-01	0.05608	0.0004	0.03609	0.53892	5.90E-01	0.074167	0.000322	0.02241	6.87E-01	0.683867	0.074968	0.000238	0.024722	0.783794
3967	484863.09	3853877.25	9.70327	17.15692	12.13346	7.41237	2.21E-01	0.01828	0.00018	0.0237	0.26359	2.93E-01	0.024173	0.000149	0.014713	3.32E-01	0.339274	0.024434	0.00011	0.016231	0.380049
3968	485363.09	3853877.25	3.87234	18.22339	5.19486	5.72751	8.84E-02	0.01941	7.8E-05	0.01831	0.12617	1.17E-01	0.025676	6.36E-05	0.011369	1.54E-01	0.135396	0.025953	4.7E-05	0.012541	0.173937
3969	485863.09	3853877.25	5.19858	8.81027	7.34763	5.40422	1.19E-01	0.00939	0.00011	0.01728	0.14541	1.57E-01	0.012413	8.99E-05	0.010727	1.80E-01	0.181768	0.012547	6.65E-05	0.011833	0.206215
3970	486363.09	3853877.25	3.63089	10.51314	4.7527	3.40481	8.29E-02	0.0112	7.2E-05	0.01089	0.10502	1.10E-01	0.014812	5.82E-05	0.006758	1.31E-01	0.126954	0.014972	4.3E-05	0.007455	0.149425
3971	486863.09	3853877.25	2.84839	8.54713	2.89502	3.27513	6.50E-02	0.00911	4.4E-05	0.01047	0.08462	8.60E-02	0.012042	3.54E-05	0.006501	1.05E-01	0.099594	0.012172	2.62E-05	0.007171	0.118964
3972	487363.09	3853877.25	2.64853	8.13033	3.55995	2.53005	6.04E-02	0.00866	5.4E-05	0.00809	0.07725	7.99E-02	0.011455	4.36E-05	0.005022	9.65E-02	0.092606	0.011579	3.22E-05	0.00554	0.109757
3973	487863.09	3853877.25	3.02904	7.72216	4.38701	2.46476	6.91E-02	0.00823	6.6E-05	0.00788	0.0853	9.14E-02	0.01088	5.37E-05	0.004892	1.07E-01	0.10591	0.010997	3.97E-05	0.005397	0.122344
3974	488363.09	3853877.25	3.45319	8.35301	4.85343	2.41743	7.88E-02	0.0089	7.3E-05	0.00773	0.09551	1.04E-01	0.011769	5.94E-05	0.004798	1.21E-01	0.120741	0.011896	4.39E-05	0.005293	0.137974
3975	488863.09	3853877.25	3.49086	10.02008	4.85639	2.37008	7.97E-02	0.01067	7.3E-05	0.00758	0.09799	1.05E-01	0.014118	5.94E-05	0.004704	1.24E-01	0.122058	0.01427	4.39E-05	0.00519	0.141561
3976	489363.09	3853877.25	2.89515	6.79322	3.98878	2.32278	6.61E-02	0.00724	6E-05	0.00743	0.08079	8.74E-02	0.009571	4.88E-05	0.00461	1.02E-01	0.101229	0.009675	3.61E-05	0.005086	0.116025
3977	489863.09	3853877.25	2.50368	14.73098	3.34883	2.27543	5.71E-02	0.01569	5E-05	0.00727	0.08015	7.56E-02	0.020755	4.1E-05	0.004516	1.01E-01	0.087541	0.020979	3.03E-05	0.004982	0.113533
3978	490363.09	3853877.25	2.35677	6.13147	3.07815	2.33134	5.38E-02	0.00653	4.6E-05	0.00745	0.06782	7.11E-02	0.008639	3.77E-05	0.004627	8.44E-02	0.082404	0.008732	2.78E-05	0.005105	0.096269
3979	490863.09	3853877.25	2.4062	6.43372	3.15526	2.80272	5.49E-02	0.00685	4.8E-05	0.00896	0.07077	7.26E-02	0.009065	3.86E-05	0.005563	8.73E-02	0.084133	0.009163	2.85E-05	0.006137	0.099461
3980	491363.09	3853877.25	2.52346	7.13708	3.18813	3.12614	5.76E-02	0.0076	4.8E-05	0.00999	0.07523	7.62E-02	0.010056	3.9E-05	0.006205	9.25E-02	0.088233	0.010164	2.88E-05	0.006845	0.105271
3981	491863.09	3853877.25	2.54387	6.92926	3.475	3.32589	5.81E-02	0.00738	5.2E-05	0.01063	0.07612	7.68E-02	0.009763	4.25E-05	0.006602	9.32E-02	0.088946	0.009868	3.14E-05	0.007283	0.106129
3982	492363.09	3853877.25	2.92584	7.15543	4.30016	3.44116	6.68E-02	0.00762	6.5E-05	0.011	0.08546	8.83E-02	0.010082	5.26E-05	0.00683	1.05E-01	0.102302	0.01019	3.89E-05	0.007535	0.120066
3983	492863.09	3853877.25	3.03919	7.85216	4.36196	3.49891	6.94E-02	0.00837	6.6E-05	0.01119	0.08897	9.17E-02	0.011063	5.34E-05	0.006945	1.10E-01	0.106265	0.011183	3.95E-05	0.007661	0.125149
3984	493363.09	3853877.25	2.68413	7.60494	3.85184	3.51699	6.13E-02	0.0081	5.8E-05	0.01124	0.08066	8.10E-02	0.010715	4.71E-05	0.006981	9.88E-02	0.09385	0.010831	3.48E-05	0.007701	0.112417
3985	493863.09	3853877.25	2.55539	6.83925	3.15739	3.51353	5.83E-02	0.00729	4.8E-05	0.01123	0.07688	7.71E-02	0.009636	3.86E-05	0.006974	9.38E-02	0.089349	0.00974	2.86E-05	0.007693	0.106811
3986	494363.09	3853877.25	2.43882	6.0157	3.13987	2.80205	5.57E-02	0.00641	4.7E-05	0.00896	0.07107	7.36E-02	0.008476	3.84E-05	0.005562	8.77E-02	0.085273	0.008567	2.84E-05	0.006136	0.100004
3987	494863.09	3853877.25	2.23242	5.12375	3.11773	2.8486	5.09E-02	0.00546	4.7E-05	0.00911	0.06556	6.74E-02	0.007219	3.82E-05	0.005654	8.03E-02	0.078056	0.007297	2.82E-05	0.006237	0.091619
3988	495363.09	3853877.25	2.09	3.46793	3.04502	1.87003	4.77E-02	0.00369	4.6E-05	0.00598	0.05741	6.31E-02	0.004886	3.73E-05	0.003712	7.17E-02	0.073077	0.004939	2.75E-05	0.004095	0.082138
3989	495863.09	3853877.25	1.63991	2.77178	2.27212	1.82327	3.74E-02	0.00295	3.4E-05	0.00583	0.04624	4.95E-02	0.003905	2.78E-05	0.003619	5.70E-02	0.057339	0.003947	2.06E-05	0.003992	0.0653
3990	496363.09	3853877.25	1.27071	2.88662	1.77523	1.70562	2.90E-02	0.00308	2.7E-05	0.00545	0.03755	3.84E-02	0.004067	2.17E-05	0.003385	4.58E-02	0.04443	0.004111	1.61E-05	0.003735	0.052292
3991	496863.09	3853877.25	1.31079	3.02733	1.52829	1.69302	2.99E-02	0.00323	2.3E-05	0.00541	0.03857	3.96E-02	0.004265	1.87E-05	0.00336	4.72E-02	0.045832	0.004311	1.38E-05	0.003707	0.053864
3992	497363.09	3853877.25	1.34824	3.14795	1.36106	1.67963	3.08E-02	0.00335	2.1E-05	0.00537	0.03951	4.07E-02	0.004435	1.67E-05	0.003334	4.85E-02	0.047141	0.004483	1.23E-05	0.003678	0.055314
3993	497863.09	3853877.25	1.38313	3.24818	1.29483	1.66594	3.16E-02	0.00346	2E-05	0.00533	0.04037	4.17E-02	0.004576	1.58E-05	0.003307	4.96E-02	0.048361	0.004626	1.17E-05	0.003648	0.056647
3994	498363.09	3853877.25	1.41551	3.33101	1.27364	1.65025	3.23E-02	0.00355	1.9E-05	0.00528	0.04115	4.27E-02	0.004693	1.56E-05	0.003276	5.07E-02	0.049493	0.004744	1.15E-05	0.003613	0.057862
3995	471363.09	3854377.25	2.51671	5.40441	3.55087	2.99833	5.74E-02	0.00576	5.4E-05	0.00959	0.07283	7.60E-02	0.007614	4.35E-05	0.005951	8.96E-02	0.087997	0.007697	3.21E-05	0.006565	0.102291
3996	471863.09	3854377.25	2.73297	5.61501	3.82245	3.2126	6.24E-02	0.00598	5.8E-05	0.01027	0.07868	8.25E-02	0.007911	4.68E-05	0.006377	9.68E-02	0.095558	0.007997	3.46E-05	0.007035	0.110624
3997	472363.09	3854377.25	2.93228	5.71983	3.98613	3.40838	6.69E-02	0.00609	6E-05	0.0109	0.08397	8.85E-02	0.008059	4.88E-05	0.006765	1.03E-01	0.102527	0.008146	3.61E-05	0.007463	0.118172
3998	472863.09	3854377.25	3.24462	5.69877	4.11819	3.57879	7.40E-02	0.00607	6.2E-05	0.01144	0.09162	9.79E-02	0.008029	5.04E-05	0.007104	1.13E-01	0.113448	0.008116	3.73E-05	0.007836	0.129437
3999	473363.09	3854377.25	3.57633	5.62197	4.69357	3.72679	8.16E-02	0.00599	7.1E-05	0.01191	0.09959	1.08E-01	0.007921	5.74E-05	0.007397	1.23E-01	0.125046	0.008007	4.25E-05	0.00816	0.141256
4000	473863.09	3854377.25	3.88379	6.35292	5.22929	3.84567	8.86E-02	0.00677	7.9E-05	0.01229	0.10777	1.17E-01	0.008951	6.4E-05	0.007633	1.34E-01	0.135796	0.009047	4.73E-05	0.008421	0.153312
4001	474363.09	3854377.25	4.15358	7.05074	5.71963	3.94231	9.48E-02	0.00751	8.6E-05	0.0126	0.11499	1.25E-01	0.009934	7E-05	0.007825	1.43E-01	0.14523	0.010041	5.17E-05	0.008632	0.163955
4002	474863.09	3854377.25	4.30461	6.67193	6.12925	4.02068	9.82E-02	0.00711	9.2E-05	0.01285	0.11829	1.30E-01	0.0094	7.5E-05	0.007981	1.47E-01	0.15051	0.009502	5.54E-05	0.008804	0.168872
4003	475363.09	3854377.25	3.45963	5.54524	4.94231	4.32065	7.90E-02	0.00591	7.4E-05	0.01381	0.09875	1.04E-01	0.007813	6.05E-05	0.008576	1.21E-01	0.120966	0.007897	4.47E-05	0.009461	0.138368
4004	475863.09	3854377.25	2.50458	5.27846	3.43062	4.50669	5.72E-02	0.00562	5.2E-05	0.01441	0.07724	7.56E-02	0.007437	4.2E-05	0.008945	9.20E-02	0.087572	0.007517	3.1E-05	0.009868	0.104989
4005	476363.09	3854377.25	2.77381	4.35647	3.88708	4.61998	6.33E-02	0.00464	5.9E-05	0.01477	0.08277	8.37E-02	0.006138	4.76E-05	0.00917	9.91E-02	0.096986	0.006204	3.52E-05	0.010116	0.113342
4006	476863.09	3854377.25	3.0386	3.04059	4.46406	4.70041	6.93E-02	0.00324	6.7E-05	0.01503	0.08768	9.17E-02	0.004284	5.46E-05	0.00933	1.05E-01	0.106244	0.00433	4.04E-05	0.010292	0.120907
4007	477363.09	3854377.25	3.27655	2.27779	4.82695	4.76772	7.48E-02	0.00243	7.3E-05	0.01524	0.09252	9.89E-02	0.003209	5.91E-05	0.009463	1.12E-01	0.114564	0.003244	4.37E-05	0.01044	0.128292
4008	477863.09	3854377.25	3.4629	2.20124	5.01177	4.83182	7.90E-02	0.00235	7.6E-05	0.01545	0.09689	1.05E-01	0.003101	6.13E-05	0.009591	1.17E-01	0.12108	0.003135	4.53E-05	0.01058	0.13484
4009	478363.09	3854377.25	3.58659	2.38292	5.09604	4.89525	8.18E-02	0.00254	7.7E-05	0.01565	0.10011	1.08E-01	0.003357	6.24E-05	0.009717	1.21E-01	0.125405	0.003394	4.61E-05	0.010719	0.139564
4010	478863.09	3854377.25	3.65789	3.11925	5.1426	4.95495	8.35E-02	0.00332	7.8E-05	0.01584	0.10272	1.10E-01	0.004395	6.29E-05	0.009835	1.25E-01	0.127898	0.004442	4.65E-05	0.01085	0.143236
4011	479363.09	3854377.25	3.69899	3.76955	5.18021	4.99291	8.44E-02	0.00402	7.8E-05	0.01596	0.10447	1.12E-01	0.005311	6.34E-05	0.00991	1.27E-01	0.129335	0.005368	4.69E-05	0.010933	0.145683
4012	479863.09	3854377.25	5.3364	8.50685	6.93159	4.94118	1.22E-01	0.00906	0.0001	0.0158	0.14675	1.61E-01	0.011986	8.48E-05	0.009808	1.83E-01	0.186587	0.012115	6.27E-05	0.01082	0.209584
4013	480363.09	3854377.25	6.32079	11.20199	8.54737	4.6502	1.44E-01	0.01193	0.00013	0.01487	0.17118	1.91E-01	0.015783	0.000105	0.00923	2.16E-01	0.221006	0.015953	7.73E-05	0.010182	0.247219
4014	480863.09	3854377.25	9.53609	25.48484	13.1749	6.80622	2.18E-01	0.02715	0.0002	0.02176	0.26673	2.88E-01	0.035907	0.000161	0.01351	3.37E-01	0.333429	0.036294	0.000119	0.014903	0.384746
4015	481363.09	3854377.25	11.50993	33.1233	15.9378	12.07762	2.63E-01	0.03529	0.00024	0.03861	0.33681	3.47E-01	0.046669	0.000195	0.023973	4.18E-01	0.402444	0.047172	0.000144	0.026446	0.476207
4016	481863.09	3854377.25	11.02359	30.50418	15.8653	21.12633	2.52E-01	0.0325	0.00024	0.06754	0.35185	3.33E-01	0.042978	0.000194	0.041934	4.18E-01	0.385439	0.043442	0.000144	0.04626	0.475285
4017	482363.09	3854377.25	14.99048	39.29752	21.30429	26.95018	3.42E-01	0.04187	0.00032	0.08616	0.47044	4.52E-01	0.055368	0.000261	0.053493	5.62E-01	0.524141	0.055965	0.000193	0.059012	0.639311
4018	482863.09	3854377.25	26.55891	55.33024	31.51347	39.88431	6.06E-01	0.05895	0.00047	0.12751	0.79303	8.02E-01	0.077957	0.000386	0.079166	9.59E-01	0.928631	0.078798	0.000285	0.087333	1.095048
4019	483363.09	3854377.25	43.78436	93.13212	52.41921	41.3619	9.99E-01	0.09922	0.00079	0.13224	1.23144	1.32E+00	0.131217	0.000642	0.082099	1.54E+00	1.530918	0.132634	0.000474	0.090569	1.754594
4020	483863.09	3854377.25	53.9702	96.78074	75.92819	35.72712	1.23E+00	0.1031	0.00114	0.11422	1.45011	1.63E+00	0.136358	0.000929	0.070915	1.84E+00	1.887065	0.13783	0.000687	0.07823	2.103812
4021	484363.09	3854377.25	24.65754	24.8815	29.1172	11.69542	5.63E-01	0.02651	0.00044	0.03739	0.62704	7.44E-01	0.035056	0.000356	0.023214	8.03E-01	0.862149	0.035435	0.000263	0.025609	0.923457
4022	484863.09	3854377.25	6.45853	20.3763	7.79281	10.5954	1.47E-01	0.02171	0.00012	0.03387	0.20309	1.95E-01	0.028709	9.54E-05	0.021031	2.45E-01	0.225822	0.029019	7.05E-05	0.0232	0.278112

4023	485363.09	3854377.25	6.27744	17.21645	8.9869	5.87116	1.43E-01	0.01834	0.00014	0.01877	0.1805	1.89E-01	0.024257	0.00011	0.011654	2.25E-01	0.21949	0.024519	8.13E-05	0.012856	0.256946
4024	485863.09	3854377.25	5.42868	17.80837	7.58568	5.55929	1.24E-01	0.01897	0.00011	0.01777	0.16075	1.64E-01	0.025091	9.28E-05	0.011035	2.00E-01	0.189813	0.025362	6.86E-05	0.012173	0.227417
4025	486363.09	3854377.25	5.42032	10.3483	7.38142	4.84086	1.24E-01	0.01102	0.00011	0.01548	0.15031	1.64E-01	0.01458	9.03E-05	0.009609	1.88E-01	0.189521	0.014737	6.68E-05	0.0106	0.214925
4026	486863.09	3854377.25	3.30151	20.4383	4.78432	3.29169	7.53E-02	0.02177	7.2E-05	0.01052	0.10771	9.96E-02	0.028796	5.86E-05	0.006534	1.35E-01	0.115437	0.029107	4.33E-05	0.007208	0.151795
4027	487363.09	3854377.25	3.51215	9.51392	5.00596	2.85173	8.02E-02	0.01014	7.5E-05	0.00912	0.09948	1.06E-01	0.013405	6.13E-05	0.00566	1.25E-01	0.122802	0.013549	4.53E-05	0.006244	0.142641
4028	487863.09	3854377.25	4.29694	11.70952	5.02866	2.42779	9.81E-02	0.01247	7.6E-05	0.00776	0.11837	1.30E-01	0.016498	6.15E-05	0.004819	1.51E-01	0.150242	0.016676	4.55E-05	0.005316	0.17228
4029	488363.09	3854377.25	4.52362	14.20845	5.19064	2.38047	1.03E-01	0.01514	7.8E-05	0.00761	0.12606	1.37E-01	0.020019	6.35E-05	0.004725	1.61E-01	0.158168	0.020235	4.7E-05	0.005212	0.183662
4030	488863.09	3854377.25	4.64645	14.64556	5.16174	2.92191	1.06E-01	0.0156	7.8E-05	0.00934	0.13106	1.40E-01	0.020635	6.32E-05	0.0058	1.67E-01	0.162463	0.020857	4.67E-05	0.006398	0.189765
4031	489363.09	3854377.25	4.56445	15.29333	5.17648	3.28163	1.04E-01	0.01629	7.8E-05	0.01049	0.13103	1.38E-01	0.021547	6.34E-05	0.006514	1.66E-01	0.159596	0.02178	4.68E-05	0.007186	0.188608
4032	489863.09	3854377.25	4.34969	13.44926	5.1348	3.46518	9.93E-02	0.01433	7.7E-05	0.01108	0.12475	1.31E-01	0.018949	6.28E-05	0.006878	1.57E-01	0.152087	0.019154	4.65E-05	0.007588	0.178874
4033	490363.09	3854377.25	4.04761	11.1978	4.79155	3.54474	9.24E-02	0.01193	7.2E-05	0.01133	0.1157	1.22E-01	0.015777	5.86E-05	0.007036	1.45E-01	0.141524	0.015947	4.33E-05	0.007762	0.165277
4034	490863.09	3854377.25	3.52548	9.78935	3.42775	3.55583	8.05E-02	0.01043	5.2E-05	0.01137	0.1023	1.06E-01	0.013793	4.2E-05	0.007058	1.27E-01	0.123268	0.013941	3.1E-05	0.007786	0.145027
4035	491363.09	3854377.25	3.79754	10.28166	4.42892	3.56286	8.67E-02	0.01095	6.7E-05	0.01139	0.10907	1.15E-01	0.014486	5.42E-05	0.007072	1.36E-01	0.132781	0.014643	4.01E-05	0.007801	0.155265
4036	491863.09	3854377.25	3.95959	10.60476	4.54066	3.5555	9.04E-02	0.0113	6.8E-05	0.01137	0.11309	1.20E-01	0.014941	5.56E-05	0.007057	1.42E-01	0.138447	0.015103	4.11E-05	0.007785	0.161376
4037	492363.09	3854377.25	4.02973	11.05617	4.62293	3.53855	9.20E-02	0.01178	7E-05	0.01131	0.11512	1.22E-01	0.015577	5.66E-05	0.007024	1.44E-01	0.140899	0.015746	4.18E-05	0.007748	0.164435
4038	492863.09	3854377.25	4.08264	10.81987	4.47926	3.51338	9.32E-02	0.01153	6.8E-05	0.01123	0.116	1.23E-01	0.015245	5.48E-05	0.006974	1.45E-01	0.142749	0.015409	4.05E-05	0.007693	0.165892
4039	493363.09	3854377.25	4.12137	12.07918	4.18089	3.48437	9.41E-02	0.01287	6.3E-05	0.01114	0.11812	1.24E-01	0.017019	5.12E-05	0.006916	1.48E-01	0.144103	0.017203	3.78E-05	0.00763	0.168973
4040	493863.09	3854377.25	4.09699	10.65814	3.82092	3.45342	9.35E-02	0.01135	5.8E-05	0.01104	0.11595	1.24E-01	0.015017	4.68E-05	0.006855	1.46E-01	0.143251	0.015179	3.46E-05	0.007562	0.166026
4041	494363.09	3854377.25	4.08003	10.49491	3.46073	3.42296	9.31E-02	0.01118	5.2E-05	0.01094	0.11529	1.23E-01	0.014787	4.24E-05	0.006794	1.45E-01	0.142658	0.014946	3.13E-05	0.007495	0.165131
4042	494863.09	3854377.25	2.39294	5.14366	3.03492	1.82406	5.46E-02	0.00548	4.6E-05	0.00583	0.06597	7.22E-02	0.007247	3.71E-05	0.003621	8.31E-02	0.083669	0.007325	2.75E-05	0.003994	0.095016
4043	495363.09	3854377.25	2.11801	5.03325	1.87895	1.68341	4.83E-02	0.00536	2.8E-05	0.00538	0.05911	6.39E-02	0.007092	2.3E-05	0.003341	7.44E-02	0.074056	0.007168	1.7E-05	0.003686	0.084927
4044	495863.09	3854377.25	2.1262	4.91226	1.87461	1.66981	4.85E-02	0.00523	2.8E-05	0.00534	0.05912	6.42E-02	0.006921	2.29E-05	0.003314	7.44E-02	0.074342	0.006996	1.7E-05	0.003656	0.085012
4045	496363.09	3854377.25	2.13238	4.78394	1.94893	1.65641	4.87E-02	0.0051	2.9E-05	0.0053	0.05908	6.44E-02	0.00674	2.39E-05	0.003288	7.44E-02	0.074559	0.006813	1.76E-05	0.003627	0.085016
4046	496863.09	3854377.25	2.13679	4.65041	2.01697	1.64161	4.88E-02	0.00495	3E-05	0.00525	0.059	6.45E-02	0.006552	2.47E-05	0.003258	7.43E-02	0.074713	0.006623	1.82E-05	0.003595	0.084948
4047	497363.09	3854377.25	2.13962	4.51537	2.07911	1.62439	4.88E-02	0.00481	3.1E-05	0.00519	0.05886	6.46E-02	0.006362	2.54E-05	0.003224	7.42E-02	0.074812	0.006431	1.88E-05	0.003557	0.084818
4048	497863.09	3854377.25	2.14105	4.37842	2.13573	1.60008	4.89E-02	0.00466	3.2E-05	0.00512	0.05867	6.46E-02	0.006169	2.61E-05	0.003176	7.40E-02	0.074862	0.006236	1.93E-05	0.003504	0.08462
4049	498363.09	3854377.25	2.14124	4.24266	2.18721	1.57556	4.89E-02	0.00452	3.3E-05	0.00504	0.05845	6.46E-02	0.005978	2.68E-05	0.003127	7.38E-02	0.074868	0.006042	1.98E-05	0.00345	0.08438
4050	471363.09	3854877.25	2.31452	4.4942	3.34029	2.25062	5.28E-02	0.00479	5E-05	0.0072	0.06485	6.99E-02	0.006332	4.09E-05	0.004467	8.07E-02	0.080927	0.0064	3.02E-05	0.004928	0.092286
4051	471863.09	3854877.25	2.495	4.90777	3.60372	2.37058	5.69E-02	0.00523	5.4E-05	0.00758	0.0698	7.53E-02	0.006915	4.41E-05	0.004705	8.70E-02	0.087238	0.006989	3.26E-05	0.005191	0.09945
4052	472363.09	3854877.25	2.64171	5.23432	3.81242	2.42777	6.03E-02	0.00558	5.7E-05	0.00776	0.07368	7.97E-02	0.007375	4.67E-05	0.004819	9.20E-02	0.092367	0.007454	3.45E-05	0.005316	0.105172
4053	472863.09	3854877.25	2.69099	5.27924	3.88857	2.54937	6.14E-02	0.00562	5.9E-05	0.00815	0.07524	8.12E-02	0.007438	4.76E-05	0.00506	9.38E-02	0.09409	0.007518	3.52E-05	0.005582	0.107226
4054	473363.09	3854877.25	2.90446	5.87156	4.15819	2.80871	6.63E-02	0.00626	6.3E-05	0.00898	0.08158	8.77E-02	0.008273	5.09E-05	0.005575	1.02E-01	0.101554	0.008362	3.76E-05	0.00615	0.116104
4055	473863.09	3854877.25	3.08795	6.39973	4.386	3.05768	7.05E-02	0.00682	6.6E-05	0.00978	0.08713	9.32E-02	0.009017	5.37E-05	0.006069	1.08E-01	0.10797	0.009114	3.97E-05	0.006695	0.123819
4056	474363.09	3854877.25	3.33348	7.14352	4.69099	3.28673	7.61E-02	0.00761	7.1E-05	0.01051	0.09426	1.01E-01	0.010065	5.74E-05	0.006524	1.17E-01	0.116555	0.010173	4.24E-05	0.007197	0.133968
4057	474863.09	3854877.25	2.80789	6.43045	3.83442	3.48767	6.41E-02	0.00685	5.8E-05	0.01115	0.08214	8.47E-02	0.00906	4.69E-05	0.006923	1.01E-01	0.098178	0.009158	3.47E-05	0.007637	0.115007
4058	475363.09	3854877.25	1.8207	3.21327	2.39756	3.66062	4.15E-02	0.00342	3.6E-05	0.0117	0.05671	5.50E-02	0.004527	2.93E-05	0.007266	6.68E-02	0.063661	0.004576	2.17E-05	0.008016	0.076274
4059	475863.09	3854877.25	1.94994	3.2883	2.47188	3.80233	4.45E-02	0.0035	3.7E-05	0.01216	0.0602	5.89E-02	0.004633	3.03E-05	0.007547	7.11E-02	0.06818	0.004683	2.24E-05	0.008326	0.081211
4060	476363.09	3854877.25	2.08123	4.5659	2.7696	3.91235	4.75E-02	0.00486	4.2E-05	0.01251	0.06491	6.28E-02	0.006433	3.39E-05	0.007766	7.70E-02	0.07277	0.006503	2.51E-05	0.008567	0.087864
4061	476863.09	3854877.25	2.2092	5.69016	3.04734	4.11691	5.04E-02	0.00606	4.6E-05	0.01316	0.06969	6.67E-02	0.008017	3.73E-05	0.008172	8.29E-02	0.077245	0.008104	2.76E-05	0.009015	0.09439
4062	477363.09	3854877.25	2.33136	6.23349	3.29198	4.38848	5.32E-02	0.00664	5E-05	0.01403	0.07392	7.04E-02	0.008783	4.03E-05	0.008711	8.79E-02	0.081516	0.008877	2.98E-05	0.009609	0.100032
4063	477863.09	3854877.25	2.55028	5.8519	3.49395	4.54194	5.82E-02	0.00623	5.3E-05	0.01452	0.07901	7.70E-02	0.008245	4.28E-05	0.009015	9.43E-02	0.08917	0.008334	3.16E-05	0.009945	0.107481
4064	478363.09	3854877.25	2.83974	4.56199	4.10439	4.63306	6.48E-02	0.00486	6.2E-05	0.01481	0.08454	8.57E-02	0.006428	5.02E-05	0.009196	1.01E-01	0.099291	0.006497	3.71E-05	0.010145	0.11597
4065	478863.09	3854877.25	3.13579	5.32246	4.69862	4.70421	7.16E-02	0.00567	7.1E-05	0.01504	0.09234	9.46E-02	0.007499	5.75E-05	0.009337	1.12E-01	0.109643	0.00758	4.25E-05	0.010301	0.127566
4066	479363.09	3854877.25	4.66791	6.45764	6.62523	4.76915	1.07E-01	0.00688	1E-04	0.01525	0.12875	1.41E-01	0.009098	8.11E-05	0.009466	1.60E-01	0.163213	0.009197	5.99E-05	0.010443	0.182913
4067	479863.09	3854877.25	5.6835	10.21947	8.28091	4.8334	1.30E-01	0.01089	0.00012	0.01545	0.15617	1.72E-01	0.014399	0.000101	0.009594	1.96E-01	0.198723	0.014554	7.49E-05	0.010584	0.223936
4068	480363.09	3854877.25	7.43991	16.59925	10.54767	8.44345	1.70E-01	0.01768	0.00016	0.02699	0.21462	2.25E-01	0.023387	0.000129	0.016759	2.65E-01	0.260136	0.02364	9.54E-05	0.018488	0.30236
4069	480863.09	3854877.25	8.30354	27.06351	11.70172	8.37828	1.89E-01	0.02883	0.00018	0.02679	0.24529	2.51E-01	0.038131	0.000143	0.01663	3.06E-01	0.290333	0.038542	0.000106	0.018346	0.347327
4070	481363.09	3854877.25	9.98099	32.76912	13.77083	10.1032	2.28E-01	0.03491	0.00021	0.0323	0.29519	3.01E-01	0.04617	0.000169	0.020054	3.68E-01	0.348985	0.046668	0.000125	0.022123	0.4179
4071	481863.09	3854877.25	11.0532	37.25267	15.34912	8.94185	2.52E-01	0.03969	0.00023	0.02859	0.32075	3.34E-01	0.052487	0.000188	0.017749	4.04E-01	0.386475	0.053053	0.000139	0.01958	0.459246
4072	482363.09	3854877.25	10.43636	38.45567	14.53725	20.77326	2.38E-01	0.04097	0.00022	0.06641	0.34577	3.15E-01	0.054182	0.000178	0.041233	4.11E-01	0.364907	0.054766	0.000132	0.045486	0.465291
4073	482863.09	3854877.25	13.38864	53.39022	19.24612	25.84015	3.06E-01	0.05688	0.00029	0.08261	0.44532	4.04E-01	0.075223	0.000236	0.05129	5.31E-01	0.468133	0.076035	0.000174	0.056581	0.600924
4074	483363.09	3854877.25	21.25495	86.67527	30.06503	37.55346	4.85E-01	0.09234	0.00045	0.12006	0.69791	6.41E-01	0.12212	0.000368	0.07454	8.39E-01	0.743178	0.123438	0.000272	0.08223	0.949118
4075	483863.09	3854877.25	49.54223	212.7234	63.81823	35.10082	1.13E+00	0.22662	0.00096	0.11222	1.4704	1.50E+00	0.299714	0.000781	0.069671	1.87E+00	1.732241	0.302949	0.000577	0.076859	2.112627
4076	484363.09	3854877.25	81.59146	116.5082	124.8623	29.86219	1.86E+00	0.12412	0.00188	0.09547	2.08346	2.46E+00	0.164153	0.001528	0.059273	2.69E+00	2.852841	0.165925	0.00113	0.065388	3.085283
4077	484863.09	3854877.25	31.75738	63.29014	36.9157	14.30462	7.25E-01	0.06743	0.00056	0.04573	0.83844	9.58E-01	0.089172	0.000452	0.028393	1.08E+00	1.110395	0.090134	0.000334	0.031322	1.232186
4078	485363.09	3854877.25	16.67567	49.72239	21.48928	9.86747	3.81E-01	0.05297	0.00032	0.03155	0.46539	5.03E-01	0.070056	0.000263	0.019586	5.93E-01	0.583064	0.070812	0.000194	0.021606	0.675677
4079	485863.09	3854877.25	10.72743	34.46034	14.13492	5.71142	2.45E-01	0.03671	0.00021	0.01826	0.29999	3.24E-01	0.048552	0.000173	0.011337	3.84E-01	0.375084	0.049077	0.000128	0.012506	0.436795
4080	486363.09	3854877.25	7.73052	27.21641	8.56063	5.32969	1.76E-01	0.02899	0.00013	0.01704	0.22258	2.33E-01	0.038346	0.000105	0.010579	2.82E-01	0.270297	0.03876	7.74E-05	0.01167	0.320805
4081	486863.09	3854877.25	6.56875	24.81466	7.1746	3.30791	1.50E-01	0.02644	0.00011	0.01058	0.18702	1.98E-01	0.034962	8.78E-05	0.006566	2.40E-01	0.229676	0.03534	6.49E-05	0.007243	0.272324
4082	487363.09	3854877.25	6.57409	22.50496	7.75258	3.50725	1.50E-01	0.02398	0.00012	0.01121	0.18533	1.98E-01	0.031708	9.49E-05	0.006962	2.37E-01	0.229863	0.03205	7.01E-05	0.00768	0.269663
4083	487863.09	3854877.25	6.51263	21.03838	7.92168	3.61836	1.49E-01	0.02241	0.00012	0.01157	0.18272	1.97E-01	0.029642	9.7E-05	0.007182	2.33E-01	0.227714	0.029962	7.17E-05	0.007923	0.26567

4084	488363.09	3854877.25	6.30232	20.81496	7.90319	3.64326	1.44E-01	0.02218	0.00012	0.01165	0.17777	1.90E-01	0.029327	9.67E-05	0.007231	2.27E-01	0.22036	0.029644	7.15E-05	0.007978	0.258053
4085	488863.09	3854877.25	6.0744	19.89429	7.82511	4.59676	1.39E-01	0.02119	0.00012	0.0147	0.17463	1.83E-01	0.02803	9.58E-05	0.009124	2.21E-01	0.212391	0.028332	7.08E-05	0.010065	0.25086
4086	489363.09	3854877.25	5.98415	19.48297	7.38924	4.50303	1.37E-01	0.02076	0.00011	0.0144	0.17183	1.81E-01	0.02745	9.04E-05	0.008938	2.17E-01	0.209235	0.027747	6.68E-05	0.00986	0.246909
4087	489863.09	3854877.25	5.88243	15.28341	6.61915	3.58816	1.34E-01	0.01628	1E-04	0.01147	0.1621	1.78E-01	0.021533	8.1E-05	0.007122	2.06E-01	0.205679	0.021766	5.99E-05	0.007857	0.235361
4088	490363.09	3854877.25	5.73005	12.81048	6.46922	3.53729	1.31E-01	0.01365	9.7E-05	0.01131	0.15582	1.73E-01	0.018049	7.92E-05	0.007021	1.98E-01	0.200351	0.018244	5.85E-05	0.007745	0.226399
4089	490863.09	3854877.25	2.8503	5.89143	3.2593	1.98063	6.50E-02	0.00628	4.9E-05	0.00633	0.0777	8.60E-02	0.008301	3.99E-05	0.003931	9.83E-02	0.099661	0.00839	2.95E-05	0.004337	0.112417
4090	491363.09	3854877.25	3.30167	5.45527	3.59877	1.98317	7.53E-02	0.00581	5.4E-05	0.00634	0.08755	9.96E-02	0.007686	4.4E-05	0.003936	1.11E-01	0.115443	0.007769	3.26E-05	0.004342	0.127587
4091	491863.09	3854877.25	5.61034	11.14349	6.63698	3.47902	1.28E-01	0.01187	0.0001	0.01112	0.15113	1.69E-01	0.0157	8.12E-05	0.006905	1.92E-01	0.196165	0.01587	6E-05	0.007618	0.219713
4092	492363.09	3854877.25	5.56262	13.42697	6.66538	3.45606	1.27E-01	0.0143	0.0001	0.01105	0.1524	1.68E-01	0.018918	8.16E-05	0.00686	1.94E-01	0.194497	0.019122	6.03E-05	0.007568	0.221247
4093	492863.09	3854877.25	5.50243	10.72928	6.6738	3.42515	1.26E-01	0.01143	0.0001	0.01095	0.14805	1.66E-01	0.015117	8.17E-05	0.006799	1.88E-01	0.192392	0.01528	6.04E-05	0.0075	0.215233
4094	493363.09	3854877.25	5.44008	10.52183	6.67233	3.3919	1.24E-01	0.01121	0.0001	0.01084	0.1463	1.64E-01	0.014825	8.17E-05	0.006733	1.86E-01	0.190212	0.014985	6.04E-05	0.007427	0.212684
4095	493863.09	3854877.25	5.38302	8.16806	6.66857	3.36022	1.23E-01	0.0087	0.0001	0.01074	0.14239	1.62E-01	0.011508	8.16E-05	0.00667	1.81E-01	0.188217	0.011633	6.03E-05	0.007358	0.207268
4096	494363.09	3854877.25	3.0497	4.27066	3.65484	2.79075	6.96E-02	0.00455	5.5E-05	0.00892	0.08312	9.20E-02	0.006017	4.47E-05	0.005539	1.04E-01	0.106633	0.006082	3.31E-05	0.006111	0.118859
4097	494863.09	3854877.25	2.63901	3.44515	3.32208	2.88697	6.02E-02	0.00367	5E-05	0.00923	0.07317	7.96E-02	0.004854	4.07E-05	0.00573	9.03E-02	0.092273	0.004906	3.01E-05	0.006321	0.103531
4098	495363.09	3854877.25	2.61787	3.25526	3.31817	2.97485	5.97E-02	0.00347	5E-05	0.00951	0.07277	7.90E-02	0.004586	4.06E-05	0.005905	8.95E-02	0.091534	0.004636	3E-05	0.006514	0.102714
4099	495863.09	3854877.25	2.59726	3.08108	3.31269	3.05497	5.93E-02	0.00328	5E-05	0.00977	0.07237	7.84E-02	0.004341	4.05E-05	0.006064	8.88E-02	0.090813	0.004388	3E-05	0.006689	0.10192
4100	496363.09	3854877.25	2.57711	2.9213	3.30582	3.12792	5.88E-02	0.00311	5E-05	0.01	0.07197	7.78E-02	0.004116	4.05E-05	0.006209	8.81E-02	0.090109	0.00416	2.99E-05	0.006849	0.101148
4101	496863.09	3854877.25	2.55737	2.77368	3.29773	3.19578	5.84E-02	0.00295	5E-05	0.01022	0.07158	7.72E-02	0.003908	4.04E-05	0.006343	8.75E-02	0.089418	0.00395	2.98E-05	0.006998	0.100396
4102	497363.09	3854877.25	2.53797	2.63815	3.28855	3.25822	5.79E-02	0.00281	5E-05	0.01042	0.0712	7.66E-02	0.003717	4.02E-05	0.006467	8.68E-02	0.08874	0.003757	2.98E-05	0.007134	0.099661
4103	497863.09	3854877.25	2.51886	2.51305	3.2784	3.31462	5.75E-02	0.00268	4.9E-05	0.0106	0.07081	7.60E-02	0.003541	4.01E-05	0.006579	8.62E-02	0.088072	0.003579	2.97E-05	0.007258	0.098938
4104	498363.09	3854877.25	2.49998	2.39788	3.26738	3.36623	5.71E-02	0.00255	4.9E-05	0.01076	0.07042	7.55E-02	0.003378	4E-05	0.006682	8.56E-02	0.087412	0.003415	2.96E-05	0.007371	0.098227
4105	471363.09	3855377.25	2.25695	4.72994	3.23445	2.29959	5.15E-02	0.00504	4.9E-05	0.00735	0.06395	6.81E-02	0.006664	3.96E-05	0.004564	7.94E-02	0.078914	0.006736	2.93E-05	0.005035	0.090715
4106	471863.09	3855377.25	2.30748	4.92604	3.29838	2.33545	5.27E-02	0.00525	5E-05	0.00747	0.06542	6.96E-02	0.00694	4.04E-05	0.004636	8.13E-02	0.080681	0.007015	2.98E-05	0.005114	0.09284
4107	472363.09	3855377.25	2.45651	5.39173	3.4904	2.49368	5.61E-02	0.00574	5.3E-05	0.00797	0.06983	7.41E-02	0.007597	4.27E-05	0.00495	8.67E-02	0.085892	0.007679	3.16E-05	0.00546	0.099062
4108	472863.09	3855377.25	2.48712	5.61455	3.52936	2.48084	5.68E-02	0.00598	5.3E-05	0.00793	0.07072	7.51E-02	0.007911	4.32E-05	0.004924	8.79E-02	0.086962	0.007996	3.19E-05	0.005432	0.100422
4109	473363.09	3855377.25	2.69917	6.22012	3.80622	2.70853	6.16E-02	0.00663	5.7E-05	0.00866	0.07694	8.15E-02	0.008764	4.66E-05	0.005376	9.56E-02	0.094376	0.008858	3.44E-05	0.005931	0.1092
4110	473863.09	3855377.25	2.85267	6.69702	4.00815	2.84889	6.51E-02	0.00713	6E-05	0.00911	0.0814	8.61E-02	0.009436	4.91E-05	0.005655	1.01E-01	0.099743	0.009538	3.63E-05	0.006238	0.115555
4111	474363.09	3855377.25	2.96242	7.07346	4.17166	2.91646	6.76E-02	0.00754	6.3E-05	0.00932	0.08453	8.94E-02	0.009966	5.11E-05	0.005789	1.05E-01	0.103581	0.010074	3.77E-05	0.006386	0.120078
4112	474863.09	3855377.25	2.51448	5.53695	3.76349	2.27973	5.74E-02	0.0059	5.7E-05	0.00729	0.07063	7.59E-02	0.007801	4.61E-05	0.004525	8.83E-02	0.087919	0.007885	3.4E-05	0.004992	0.10083
4113	475363.09	3855377.25	1.55606	2.76208	2.19062	2.57614	3.55E-02	0.00294	3.3E-05	0.00824	0.04672	4.70E-02	0.003892	2.68E-05	0.005113	5.60E-02	0.054408	0.003934	1.98E-05	0.005641	0.064002
4114	475863.09	3855377.25	1.33117	3.09676	1.26515	2.8645	3.04E-02	0.0033	1.9E-05	0.00916	0.04285	4.02E-02	0.004363	1.55E-05	0.005686	5.02E-02	0.046544	0.00441	1.14E-05	0.006272	0.057238
4115	476363.09	3855377.25	1.46257	3.39525	1.37483	3.1358	3.34E-02	0.00362	2.1E-05	0.01003	0.04704	4.41E-02	0.004784	1.68E-05	0.006224	5.52E-02	0.051139	0.004835	1.24E-05	0.006866	0.062853
4116	476863.09	3855377.25	1.5997	3.62329	1.56934	3.37703	3.65E-02	0.00386	2.4E-05	0.0108	0.05119	4.83E-02	0.005105	1.92E-05	0.006703	6.01E-02	0.055933	0.00516	1.42E-05	0.007395	0.068502
4117	477363.09	3855377.25	1.74162	3.74205	1.89744	3.58125	3.97E-02	0.00399	2.9E-05	0.01145	0.05521	5.26E-02	0.005272	2.32E-05	0.007108	6.50E-02	0.060896	0.005329	1.72E-05	0.007842	0.074084
4118	477863.09	3855377.25	1.88717	3.71289	2.25181	3.74723	4.31E-02	0.00396	3.4E-05	0.01198	0.05904	5.70E-02	0.005231	2.76E-05	0.007438	6.97E-02	0.065985	0.005288	2.04E-05	0.008205	0.079498
4119	478363.09	3855377.25	2.03485	4.80008	2.61632	3.8726	4.64E-02	0.00511	3.9E-05	0.01238	0.06397	6.14E-02	0.006763	3.2E-05	0.007687	7.59E-02	0.071148	0.006836	2.37E-05	0.00848	0.086488
4120	478863.09	3855377.25	2.18646	6.36553	2.97109	4.21924	4.99E-02	0.00678	4.5E-05	0.01349	0.07021	6.60E-02	0.008969	3.64E-05	0.008375	8.34E-02	0.076449	0.009065	2.69E-05	0.009239	0.094781
4121	479363.09	3855377.25	3.83955	7.16443	5.67971	4.44738	8.76E-02	0.00763	8.6E-05	0.01422	0.10956	1.16E-01	0.010094	6.95E-05	0.008828	1.35E-01	0.13425	0.010203	5.14E-05	0.009738	0.154243
4122	479863.09	3855377.25	4.90922	7.40515	7.10845	4.56501	1.12E-01	0.00789	0.00011	0.01459	0.13462	1.48E-01	0.010433	8.7E-05	0.009061	1.68E-01	0.171651	0.010546	6.43E-05	0.009996	0.192257
4123	480363.09	3855377.25	5.8175	16.7562	8.81197	8.26853	1.33E-01	0.01785	0.00013	0.02643	0.17718	1.76E-01	0.023608	0.000108	0.016412	2.16E-01	0.203409	0.023863	7.97E-05	0.018105	0.245457
4124	480863.09	3855377.25	7.43966	26.46301	10.26266	9.41471	1.70E-01	0.02819	0.00015	0.0301	0.22822	2.25E-01	0.037285	0.000126	0.018687	2.81E-01	0.260127	0.037687	9.28E-05	0.020615	0.318522
4125	481363.09	3855377.25	7.93788	28.44852	11.3467	10.66685	1.81E-01	0.03031	0.00017	0.0341	0.24573	2.40E-01	0.040082	0.000139	0.021173	3.01E-01	0.277548	0.040515	0.000103	0.023357	0.341522
4126	481863.09	3855377.25	8.15543	37.43632	11.18657	13.50646	1.86E-01	0.03988	0.00017	0.04318	0.26935	2.46E-01	0.052745	0.000137	0.026809	3.26E-01	0.285154	0.053315	0.000101	0.029575	0.368145
4127	482363.09	3855377.25	8.72866	41.63346	11.99901	16.07019	1.99E-01	0.04435	0.00018	0.05138	0.29511	2.63E-01	0.058659	0.000147	0.031898	3.54E-01	0.305197	0.059292	0.000109	0.035188	0.399786
4128	482863.09	3855377.25	10.14747	46.08543	13.87267	19.09234	2.32E-01	0.0491	0.00021	0.06104	0.34192	3.06E-01	0.064931	0.00017	0.037896	4.09E-01	0.354806	0.065632	0.000126	0.041806	0.462369
4129	483363.09	3855377.25	12.12269	55.33335	16.67942	24.10532	2.77E-01	0.05895	0.00025	0.07707	0.41292	3.66E-01	0.077961	0.000204	0.047847	4.92E-01	0.423869	0.078803	0.000151	0.052783	0.555605
4130	483863.09	3855377.25	17.19491	73.14091	24.09916	32.32116	3.92E-01	0.07792	0.00036	0.10333	0.57402	5.19E-01	0.103051	0.000295	0.064154	6.86E-01	0.601219	0.104163	0.000218	0.070773	0.776373
4131	484363.09	3855377.25	39.95238	136.1291	53.00776	41.81252	9.12E-01	0.14502	0.0008	0.13368	1.19124	1.21E+00	0.191797	0.000649	0.082993	1.48E+00	1.396933	0.193868	0.00048	0.091555	1.682835
4132	484863.09	3855377.25	74.7367	136.6078	147.8719	52.01808	1.71E+00	0.14553	0.00223	0.1663	2.01962	2.26E+00	0.192472	0.00181	0.10325	2.55E+00	2.613164	0.194549	0.001338	0.113902	2.922954
4133	485363.09	3855377.25	41.47754	92.14254	51.17959	23.77282	9.47E-01	0.09816	0.00077	0.076	1.12149	1.25E+00	0.129823	0.000626	0.047187	1.43E+00	1.45026	0.131224	0.000463	0.052055	1.634002
4134	485863.09	3855377.25	19.84791	64.57053	26.54028	8.71163	4.53E-01	0.06879	0.0004	0.02785	0.54999	5.99E-01	0.090976	0.000325	0.017292	7.08E-01	0.693981	0.091958	0.00024	0.019076	0.805255
4135	486363.09	3855377.25	14.07037	43.15523	17.93133	8.61113	3.21E-01	0.04598	0.00027	0.02753	0.39487	4.25E-01	0.060803	0.000219	0.017092	5.03E-01	0.49197	0.061459	0.000162	0.018855	0.572447
4136	486863.09	3855377.25	10.82397	31.91016	13.09104	8.55077	2.47E-01	0.034	0.0002	0.02734	0.30854	3.27E-01	0.044959	0.00016	0.016972	3.89E-01	0.378459	0.045445	0.000118	0.018723	0.442746
4137	487363.09	3855377.25	10.3408	31.31655	11.84803	8.53945	2.36E-01	0.03336	0.00018	0.0273	0.29683	3.12E-01	0.044123	0.000145	0.01695	3.73E-01	0.361565	0.044599	0.000107	0.018699	0.424971
4138	487863.09	3855377.25	9.39255	30.3654	10.66163	8.53309	2.14E-01	0.03235	0.00016	0.02728	0.27414	2.83E-01	0.042783	0.00013	0.016937	3.43E-01	0.32841	0.043245	9.65E-05	0.018685	0.390436
4139	488363.09	3855377.25	8.08915	29.97796	10.09296	8.53096	1.85E-01	0.03194	0.00015	0.02727	0.24396	2.44E-01	0.042237	0.000124	0.016933	3.03E-01	0.282837	0.042693	9.13E-05	0.01868	0.344301
4140	488863.09	3855377.25	7.13386	27.3374	9.40244	8.53226	1.63E-01	0.02912	0.00014	0.02728	0.21934	2.15E-01	0.038517	0.000115	0.016936	2.71E-01	0.249435	0.038932	8.51E-05	0.018683	0.307135
4141	489363.09	3855377.25	6.45465	23.46921	8.72065	8.52755	1.47E-01	0.025	0.00013	0.02726	0.1997	1.95E-01	0.033067	0.000107	0.016926	2.45E-01	0.225686	0.033424	7.89E-05	0.018672	0.277861
4142	489863.09	3855377.25	6.09391	23.15838	8.41342	8.50835	1.39E-01	0.02467	0.00013	0.0272	0.19107	1.84E-01	0.032629	0.000103	0.016888	2.34E-01	0.213073	0.032981	7.61E-05	0.01863	0.264761
4143	490363.09	3855377.25	6.04966	23.99873	8.34716	8.51543	1.38E-01	0.02557	0.00013	0.02722	0.19097	1.83E-01	0.033813	0.000102	0.016902	2.33E-01	0.211526	0.034178	7.55E-05	0.018646	0.264425
4144	490863.09	3855377.25	5.32477	8.45109	7.58754	4.2343	1.22E-01	0.009	0.00011	0.01354	0.14417	1.61E-01	0.011907	9.29E-05	0.008405	1.81E-01	0.18618	0.012036	6.86E-05	0.009272	0.207556

4145	491363.09	3855377.25	3.06353	7.22036	4.09752	4.23286	6.99E-02	0.00769	6.2E-05	0.01353	0.0912	9.25E-02	0.010173	5.02E-05	0.008402	1.11E-01	0.107116	0.010283	3.71E-05	0.009269	0.126705
4146	491863.09	3855377.25	5.83914	15.81469	8.06236	8.46605	1.33E-01	0.01685	0.00012	0.02707	0.17729	1.76E-01	0.022282	9.87E-05	0.016804	2.15E-01	0.204165	0.022522	7.29E-05	0.018538	0.245298
4147	492363.09	3855377.25	5.79696	14.55218	8.00096	8.46883	1.32E-01	0.0155	0.00012	0.02708	0.17499	1.75E-01	0.020503	9.79E-05	0.01681	2.12E-01	0.20269	0.020724	7.24E-05	0.018544	0.242031
4148	492863.09	3855377.25	5.72873	13.75617	7.91468	4.22869	1.31E-01	0.01466	0.00012	0.01352	0.15903	1.73E-01	0.019382	9.69E-05	0.008394	2.01E-01	0.200305	0.019591	7.16E-05	0.009259	0.229227
4149	493363.09	3855377.25	5.64543	10.76696	7.80719	4.22746	1.29E-01	0.01147	0.00012	0.01352	0.15394	1.70E-01	0.01517	9.56E-05	0.008391	1.94E-01	0.197392	0.015334	7.06E-05	0.009257	0.222053
4150	493863.09	3855377.25	3.21039	5.56711	4.1632	4.22603	7.33E-02	0.00593	6.3E-05	0.01351	0.09277	9.69E-02	0.007844	5.1E-05	0.008388	1.13E-01	0.112251	0.007928	3.77E-05	0.009254	0.129471
4151	494363.09	3855377.25	2.75867	2.93949	3.81587	4.22398	6.30E-02	0.00313	5.8E-05	0.0135	0.07965	8.33E-02	0.004142	4.67E-05	0.008384	9.58E-02	0.096457	0.004186	3.45E-05	0.009249	0.109927
4152	494863.09	3855377.25	2.73646	2.66637	3.78582	4.22171	6.24E-02	0.00284	5.7E-05	0.0135	0.07884	8.26E-02	0.003757	4.63E-05	0.00838	9.48E-02	0.09568	0.003797	3.42E-05	0.009244	0.108756
4153	495363.09	3855377.25	2.71439	2.33641	3.75626	4.22019	6.19E-02	0.00249	5.7E-05	0.01349	0.07798	8.19E-02	0.003292	4.6E-05	0.008377	9.36E-02	0.094908	0.003327	3.4E-05	0.009241	0.107511
4154	495863.09	3855377.25	2.69237	2.05939	3.72714	4.21816	6.14E-02	0.00219	5.6E-05	0.01349	0.07718	8.13E-02	0.002902	4.56E-05	0.008373	9.26E-02	0.094139	0.002933	3.37E-05	0.009236	0.106342
4155	496363.09	3855377.25	2.67026	2.0904	3.69838	4.216	6.09E-02	0.00223	5.6E-05	0.01348	0.0767	8.06E-02	0.002945	4.53E-05	0.008368	9.19E-02	0.093365	0.002977	3.35E-05	0.009232	0.105608
4156	496863.09	3855377.25	2.64796	2.35508	3.66987	4.2133	6.04E-02	0.00251	5.5E-05	0.01347	0.07646	7.99E-02	0.003318	4.49E-05	0.008363	9.16E-02	0.092586	0.003354	3.32E-05	0.009226	0.105199
4157	497363.09	3855377.25	2.62534	2.35218	3.6415	4.20994	5.99E-02	0.00251	5.5E-05	0.01346	0.07593	7.92E-02	0.003314	4.46E-05	0.008356	9.10E-02	0.091795	0.00335	3.29E-05	0.009218	0.104396
4158	497863.09	3855377.25	2.6023	2.11885	3.61311	4.20689	5.94E-02	0.00226	5.4E-05	0.01345	0.07515	7.85E-02	0.002985	4.42E-05	0.00835	8.99E-02	0.090989	0.003018	3.27E-05	0.009212	0.103251
4159	498363.09	3855377.25	2.57877	1.74646	3.58453	4.20455	5.88E-02	0.00186	5.4E-05	0.01344	0.07421	7.78E-02	0.002461	4.39E-05	0.008346	8.87E-02	0.090167	0.002487	3.24E-05	0.009207	0.101893
4160	471363.09	3855877.25	2.10881	4.40759	3.01501	2.14977	4.81E-02	0.0047	4.5E-05	0.00687	0.05974	6.36E-02	0.00621	3.69E-05	0.004267	7.42E-02	0.073734	0.006277	2.73E-05	0.004707	0.084746
4161	471863.09	3855877.25	2.14665	4.61855	3.06668	2.1617	4.90E-02	0.00492	4.6E-05	0.00691	0.06087	6.48E-02	0.006507	3.75E-05	0.004291	7.56E-02	0.075057	0.006577	2.77E-05	0.004733	0.086396
4162	472363.09	3855877.25	2.34043	5.01194	3.32409	2.17319	5.34E-02	0.00534	5E-05	0.00695	0.06575	7.06E-02	0.007062	4.07E-05	0.004314	8.21E-02	0.081833	0.007138	3.01E-05	0.004759	0.093759
4163	472863.09	3855877.25	2.30222	5.1583	3.32393	2.18477	5.25E-02	0.0055	5E-05	0.00698	0.06507	6.95E-02	0.007268	4.07E-05	0.004337	8.11E-02	0.080497	0.007346	3.01E-05	0.004784	0.092657
4164	473363.09	3855877.25	2.56621	6.10116	3.65994	2.5616	5.86E-02	0.0065	5.5E-05	0.00819	0.07331	7.75E-02	0.008596	4.48E-05	0.005085	9.12E-02	0.089727	0.008689	3.31E-05	0.005609	0.104058
4165	473863.09	3855877.25	2.72008	6.78653	3.90185	2.80519	6.21E-02	0.00723	5.9E-05	0.00897	0.07833	8.21E-02	0.009562	4.78E-05	0.005568	9.73E-02	0.095107	0.009665	3.53E-05	0.006142	0.11095
4166	474363.09	3855877.25	2.80278	7.20498	4.07527	2.89208	6.40E-02	0.00768	6.1E-05	0.00925	0.08094	8.46E-02	0.010151	4.99E-05	0.00574	1.01E-01	0.097999	0.010261	3.69E-05	0.006333	0.11463
4167	474863.09	3855877.25	2.12387	5.39166	3.24412	2.20532	4.85E-02	0.00574	4.9E-05	0.00705	0.06131	6.41E-02	0.007597	3.97E-05	0.004377	7.61E-02	0.074261	0.007679	2.93E-05	0.004829	0.086798
4168	475363.09	3855877.25	1.47848	2.48275	2.10633	1.88443	3.37E-02	0.00264	3.2E-05	0.00602	0.04244	4.46E-02	0.003498	2.58E-05	0.00374	5.19E-02	0.051695	0.003536	1.91E-05	0.004126	0.059376
4169	475863.09	3855877.25	0.88329	1.33238	1.20327	1.34619	2.02E-02	0.00142	1.8E-05	0.0043	0.0259	2.67E-02	0.001877	1.47E-05	0.002672	3.12E-02	0.030884	0.001898	1.09E-05	0.002948	0.03574
4170	476363.09	3855877.25	0.90745	1.65636	1.2368	1.63141	2.07E-02	0.00176	1.9E-05	0.00522	0.02771	2.74E-02	0.002334	1.51E-05	0.003238	3.30E-02	0.031729	0.002359	1.12E-05	0.003572	0.037671
4171	476863.09	3855877.25	1.0574	2.32407	1.3623	1.94616	2.41E-02	0.00248	2.1E-05	0.00622	0.03285	3.19E-02	0.003274	1.67E-05	0.003863	3.91E-02	0.036972	0.00331	1.23E-05	0.004261	0.044556
4172	477363.09	3855877.25	1.42463	2.76259	2.11591	2.28126	3.25E-02	0.00294	3.2E-05	0.00729	0.04278	4.30E-02	0.003892	2.59E-05	0.004528	5.14E-02	0.049812	0.003934	1.91E-05	0.004995	0.058761
4173	477863.09	3855877.25	1.56849	2.95628	2.22958	2.6206	3.58E-02	0.00315	3.4E-05	0.00838	0.04736	4.73E-02	0.004165	2.73E-05	0.005202	5.67E-02	0.054842	0.00421	2.02E-05	0.005738	0.064811
4174	478363.09	3855877.25	1.59089	3.45797	2.25481	2.94631	3.63E-02	0.00368	3.4E-05	0.00942	0.04944	4.80E-02	0.004872	2.76E-05	0.005848	5.88E-02	0.055625	0.004925	2.04E-05	0.006451	0.067022
4175	478863.09	3855877.25	1.61102	4.71827	2.68083	3.24387	3.68E-02	0.00503	4E-05	0.01037	0.0522	4.86E-02	0.006648	3.28E-05	0.006439	6.17E-02	0.056329	0.00672	2.43E-05	0.007103	0.070176
4176	479363.09	3855877.25	2.78805	8.66713	4.31087	3.49446	6.36E-02	0.00923	6.5E-05	0.01117	0.0841	8.41E-02	0.012211	5.28E-05	0.006936	1.03E-01	0.097484	0.012343	3.9E-05	0.007652	0.117518
4177	479863.09	3855877.25	3.80235	10.95701	5.78886	3.69096	8.68E-02	0.01167	8.7E-05	0.0118	0.11033	1.15E-01	0.015438	7.09E-05	0.007326	1.38E-01	0.132949	0.015604	5.24E-05	0.008082	0.156688
4178	480363.09	3855877.25	5.42784	18.19368	7.50898	7.67478	1.24E-01	0.01938	0.00011	0.02454	0.1679	1.64E-01	0.025634	9.19E-05	0.015234	2.05E-01	0.189784	0.02591	6.79E-05	0.016805	0.232568
4179	480863.09	3855877.25	7.05939	26.20869	9.15463	7.9212	1.61E-01	0.02792	0.00014	0.02532	0.21448	2.13E-01	0.036926	0.000112	0.015723	2.66E-01	0.246831	0.037325	8.28E-05	0.017345	0.301584
4180	481363.09	3855877.25	7.45468	24.72506	10.13752	8.05548	1.70E-01	0.02634	0.00015	0.02575	0.22237	2.25E-01	0.034836	0.000124	0.015989	2.76E-01	0.260652	0.035212	9.17E-05	0.017639	0.313595
4181	481863.09	3855877.25	7.20208	29.18667	9.805	10.69595	1.64E-01	0.03109	0.00015	0.0342	0.22979	2.17E-01	0.041122	0.00012	0.02123	2.80E-01	0.25182	0.041566	8.87E-05	0.023421	0.316896
4182	482363.09	3855877.25	7.2722	29.41524	9.96851	13.04905	1.66E-01	0.03134	0.00015	0.04172	0.23916	2.19E-01	0.041444	0.000122	0.025901	2.87E-01	0.254272	0.041892	9.02E-05	0.028573	0.324827
4183	482863.09	3855877.25	8.21804	33.3223	11.21884	15.50761	1.88E-01	0.0355	0.00017	0.04958	0.27279	2.48E-01	0.046949	0.000137	0.030781	3.26E-01	0.287343	0.047456	0.000101	0.033956	0.368857
4184	483363.09	3855877.25	9.32386	38.20602	12.99825	18.2409	2.13E-01	0.0407	0.0002	0.05832	0.31199	2.81E-01	0.05383	0.000159	0.036206	3.72E-01	0.326008	0.054411	0.000118	0.039941	0.420478
4185	483863.09	3855877.25	11.28589	44.46666	15.48245	21.84072	2.58E-01	0.04737	0.00023	0.06983	0.37498	3.41E-01	0.062651	0.000189	0.043352	4.47E-01	0.394611	0.063327	0.00014	0.047824	0.505901
4186	484363.09	3855877.25	15.96154	55.95608	21.68243	29.41846	3.64E-01	0.05961	0.00033	0.09405	0.51825	4.82E-01	0.078839	0.000265	0.058393	6.19E-01	0.558094	0.07969	0.000196	0.064417	0.702397
4187	484863.09	3855877.25	29.39015	104.8837	41.25061	45.41292	6.71E-01	0.11174	0.00062	0.14519	0.92825	8.87E-01	0.147774	0.000505	0.09014	1.13E+00	1.027625	0.14937	0.000373	0.099439	1.276807
4188	485363.09	3855877.25	58.72146	56.93784	157.1968	59.46812	1.34E+00	0.06066	0.00237	0.19012	1.59322	1.77E+00	0.080222	0.001924	0.118038	1.97E+00	2.053193	0.081088	0.001422	0.130215	2.265918
4189	485863.09	3855877.25	48.47173	63.04486	56.98492	29.18258	1.11E+00	0.06716	0.00086	0.0933	1.26748	1.46E+00	0.088826	0.000697	0.057924	1.61E+00	1.694811	0.089785	0.000516	0.0639	1.849012
4190	486363.09	3855877.25	22.42646	54.95387	28.89892	8.96431	5.12E-01	0.05854	0.00044	0.02866	0.59943	6.77E-01	0.077427	0.000354	0.017793	7.72E-01	0.78414	0.078262	0.000261	0.019629	0.882293
4191	486863.09	3855877.25	16.07525	43.72379	20.30881	8.91519	3.67E-01	0.04658	0.00031	0.0285	0.44224	4.85E-01	0.061604	0.000249	0.017696	5.65E-01	0.56207	0.062269	0.000184	0.019521	0.644044
4192	487363.09	3855877.25	12.70386	42.53812	16.98277	8.91184	2.90E-01	0.04532	0.00026	0.02849	0.36398	3.83E-01	0.059934	0.000208	0.017689	4.61E-01	0.44419	0.060581	0.000154	0.019514	0.524438
4193	487863.09	3855877.25	11.2858	45.13923	15.31187	8.91223	2.58E-01	0.04809	0.00023	0.02849	0.33436	3.41E-01	0.063598	0.000187	0.01769	4.22E-01	0.394607	0.064285	0.000139	0.019515	0.478546
4194	488363.09	3855877.25	9.89848	38.54479	13.38771	8.90297	2.26E-01	0.04106	0.0002	0.02846	0.29562	2.99E-01	0.054307	0.000164	0.017671	3.71E-01	0.3461	0.054893	0.000121	0.019495	0.420609
4195	488863.09	3855877.25	8.52733	31.87012	11.42226	8.89471	1.95E-01	0.03395	0.00017	0.02844	0.25716	2.57E-01	0.044903	0.00014	0.017655	3.20E-01	0.298158	0.045388	0.000103	0.019476	0.363125
4196	489363.09	3855877.25	7.53556	31.32276	10.18347	8.88105	1.72E-01	0.03337	0.00015	0.02839	0.23388	2.27E-01	0.044132	0.000125	0.017628	2.89E-01	0.26348	0.044608	9.21E-05	0.019447	0.327627
4197	489863.09	3855877.25	6.88208	32.26802	9.22513	8.86097	1.57E-01	0.03438	0.00014	0.02833	0.2199	2.08E-01	0.045464	0.000113	0.017588	2.71E-01	0.240632	0.045954	8.35E-05	0.019403	0.306072
4198	490363.09	3855877.25	6.30004	26.45465	8.53736	8.84438	1.44E-01	0.02818	0.00013	0.02828	0.20036	1.90E-01	0.037273	0.000104	0.017555	2.45E-01	0.220281	0.037675	7.72E-05	0.019366	0.277399
4199	490863.09	3855877.25	6.10971	22.44205	8.4105	8.79257	1.39E-01	0.02391	0.00013	0.02811	0.19157	1.84E-01	0.031619	0.000103	0.017452	2.34E-01	0.213626	0.031961	7.61E-05	0.019253	0.264915
4200	491363.09	3855877.25	5.93492	17.95723	8.24618	8.70552	1.35E-01	0.01913	0.00012	0.02783	0.18253	1.79E-01	0.025301	0.000101	0.01728	2.22E-01	0.207514	0.025574	7.46E-05	0.019062	0.252225
4201	491863.09	3855877.25	5.92992	18.6039	8.24048	8.73969	1.35E-01	0.01982	0.00012	0.02794	0.18321	1.79E-01	0.026212	0.000101	0.017347	2.23E-01	0.207339	0.026495	7.45E-05	0.019137	0.253046
4202	492363.09	3855877.25	5.84816	16.31289	8.13375	8.68951	1.33E-01	0.01738	0.00012	0.02778	0.17874	1.77E-01	0.022984	9.96E-05	0.017248	2.17E-01	0.204481	0.023232	7.36E-05	0.019027	0.246813
4203	492863.09	3855877.25	5.77443	14.51299	8.04109	8.64939	1.32E-01	0.01546	0.00012	0.02765	0.17501	1.74E-01	0.020448	9.84E-05	0.017168	2.12E-01	0.201903	0.020669	7.27E-05	0.018939	0.241583
4204	493363.09	3855877.25	5.04051	7.40867	7.2334	4.31504	1.15E-01	0.00789	0.00011	0.0138	0.13683	1.52E-01	0.010438	8.85E-05	0.008565	1.71E-01	0.176241	0.010551	6.54E-05	0.009448	0.196306
4205	493863.09	3855877.25	2.79644	4.97614	3.90282	4.3065	6.38E-02	0.0053	5.9E-05	0.01377	0.08295	8.44E-02	0.007011	4.78E-05	0.008548	1.00E-01	0.097777	0.007087	3.53E-05	0.00943	0.114329

4206	494363.09	3855877.25	2.76888	2.74951	3.87128	4.29851		6.32E-02	0.00293	5.8E-05	0.01374	0.07992		8.36E-02	0.003874	4.74E-05	0.008532	9.60E-02		0.096814	0.003916	3.5E-05	0.009412	0.110177						
4207	494863.09	3855877.25	2.73985	2.70127	3.83887	4.28876		6.25E-02	0.00288	5.8E-05	0.01371	0.07917		8.27E-02	0.003806	4.7E-05	0.008513	9.51E-02		0.095799	0.003847	3.47E-05	0.009391	0.109071						
4208	495363.09	3855877.25	2.70928	2.31905	3.80502	4.28095		6.18E-02	0.00247	5.7E-05	0.01369	0.07804		8.18E-02	0.003267	4.66E-05	0.008497	9.36E-02		0.09473	0.003303	3.44E-05	0.009374	0.107441						
4209	495863.09	3855877.25	2.6772	1.97636	3.76915	4.27176		6.11E-02	0.00211	5.7E-05	0.01366	0.07692		8.08E-02	0.002785	4.61E-05	0.008479	9.21E-02		0.093608	0.002815	3.41E-05	0.009354	0.105811						
4210	496363.09	3855877.25	2.64373	1.74098	3.73075	4.26317		6.03E-02	0.00185	5.6E-05	0.01363	0.07587		7.98E-02	0.002453	4.57E-05	0.008462	9.08E-02		0.092438	0.002479	3.38E-05	0.009335	0.104286						
4211	496863.09	3855877.25	2.60902	1.45325	3.68939	4.25584		5.95E-02	0.00155	5.6E-05	0.01361	0.07475		7.87E-02	0.002048	4.52E-05	0.008447	8.93E-02		0.091224	0.00207	3.34E-05	0.009319	0.102646						
4212	497363.09	3855877.25	2.57325	1.1684	3.64476	4.24677		5.87E-02	0.00124	5.5E-05	0.01358	0.0736		7.77E-02	0.001646	4.46E-05	0.008429	8.78E-02		0.089974	0.001664	3.3E-05	0.009299	0.100969						
4213	497863.09	3855877.25	2.53662	1.24161	3.59671	4.23808		5.79E-02	0.00132	5.4E-05	0.01355	0.07281		7.66E-02	0.001749	4.4E-05	0.008412	8.68E-02		0.088693	0.001768	3.25E-05	0.00928	0.099774						
4214	498363.09	3855877.25	2.4993	1.55465	3.54518	4.22974		5.70E-02	0.00166	5.3E-05	0.01352	0.07227		7.54E-02	0.00219	4.34E-05	0.008396	8.61E-02		0.087388	0.002214	3.21E-05	0.009262	0.098896						
4215	471363.09	3856377.25	2.10873	5.55422	2.97416	1.93885		4.81E-02	0.00592	4.5E-05	0.0062	0.06028		6.36E-02	0.007826	3.64E-05	0.003848	7.54E-02		0.073732	0.00791	2.69E-05	0.004245	0.085914						
4216	471863.09	3856377.25	2.21888	5.62797	3.0216	1.96414		5.06E-02	0.006	4.6E-05	0.00628	0.06296		6.70E-02	0.007929	3.7E-05	0.003899	7.88E-02		0.077583	0.008015	2.73E-05	0.004301	0.089926						
4217	472363.09	3856377.25	2.3677	5.82175	3.17701	1.98983		5.40E-02	0.0062	4.8E-05	0.00636	0.06664		7.15E-02	0.008202	3.89E-05	0.00395	8.37E-02		0.082786	0.008291	2.87E-05	0.004357	0.095463						
4218	472863.09	3856377.25	2.52884	6.51166	3.37431	2.13643		5.77E-02	0.00694	5.1E-05	0.00683	0.07153		7.63E-02	0.009175	4.13E-05	0.004241	8.98E-02		0.088421	0.009274	3.05E-05	0.004678	0.102403						
4219	473363.09	3856377.25	2.65798	6.93786	3.52294	2.2342		6.07E-02	0.00739	5.3E-05	0.00714	0.07524		8.02E-02	0.009775	4.31E-05	0.004435	9.45E-02		0.092936	0.009881	3.19E-05	0.004892	0.107741						
4220	473863.09	3856377.25	2.86436	7.2625	3.8001	2.54721		6.54E-02	0.00774	5.7E-05	0.00814	0.0813		8.64E-02	0.010232	4.65E-05	0.005056	1.02E-01		0.100152	0.010343	3.44E-05	0.005578	0.116107						
4221	474363.09	3856377.25	2.82933	7.27465	3.69558	2.22073		6.46E-02	0.00775	5.6E-05	0.0071	0.07947		8.54E-02	0.01025	4.52E-05	0.004408	1.00E-01		0.098927	0.01036	3.34E-05	0.004863	0.114184						
4222	474863.09	3856377.25	2.62225	6.55552	3.45828	2.08752		5.98E-02	0.00698	5.2E-05	0.00667	0.07355		7.91E-02	0.009236	4.23E-05	0.004144	9.26E-02		0.091687	0.009336	3.13E-05	0.004571	0.105625						
4223	475363.09	3856377.25	1.80948	4.03289	2.48688	2.09336		4.13E-02	0.0043	3.7E-05	0.00669	0.05232		5.46E-02	0.005682	3.04E-05	0.004155	6.45E-02		0.063268	0.005743	2.25E-05	0.004584	0.073618						
4224	475863.09	3856377.25	1.39279	2.77859	1.96564	1.92788		3.18E-02	0.00296	3E-05	0.00616	0.04094		4.20E-02	0.003915	2.41E-05	0.003827	4.98E-02		0.048699	0.003957	1.78E-05	0.004221	0.056895						
4225	476363.09	3856377.25	1.39706	3.016	1.97103	1.80863		3.19E-02	0.00321	3E-05	0.00578	0.04091		4.22E-02	0.004249	2.41E-05	0.00359	5.00E-02		0.048848	0.004295	1.78E-05	0.00396	0.057121						
4226	476863.09	3856377.25	1.40353	3.625	1.97892	1.83745		3.20E-02	0.00386	3E-05	0.00587	0.0418		4.24E-02	0.005107	2.42E-05	0.003647	5.11E-02		0.049074	0.005163	1.79E-05	0.004023	0.058278						
4227	477363.09	3856377.25	1.46482	4.23331	1.98813	1.86668		3.34E-02	0.00451	3E-05	0.00597	0.04394		4.42E-02	0.005964	2.43E-05	0.003705	5.39E-02		0.051217	0.006029	1.8E-05	0.004087	0.061352						
4228	477863.09	3856377.25	1.22852	2.94083	1.77118	1.89025		2.80E-02	0.00313	2.7E-05	0.00604	0.03724		3.71E-02	0.004143	2.17E-05	0.003752	4.50E-02		0.042955	0.004188	1.6E-05	0.004139	0.051298						
4229	478363.09	3856377.25	1.07957	3.31246	1.511	1.91314		2.46E-02	0.00353	2.3E-05	0.00612	0.0343		3.26E-02	0.004667	1.85E-05	0.003797	4.11E-02		0.037747	0.004717	1.37E-05	0.004189	0.046667						
4230	478863.09	3856377.25	1.82452	5.63249	2.10204	2.15019		4.16E-02	0.006	3.2E-05	0.00687	0.05454		5.51E-02	0.007936	2.57E-05	0.004268	6.73E-02		0.063794	0.008021	1.9E-05	0.004708	0.076543						
4231	479363.09	3856377.25	2.6727	6.3234	2.37368	2.16181		6.10E-02	0.00674	3.6E-05	0.00691	0.07468		8.07E-02	0.008909	2.91E-05	0.004291	9.39E-02		0.093451	0.009005	2.15E-05	0.004734	0.107211						
4232	479863.09	3856377.25	3.56263	11.21468	4.80391	2.29395		8.13E-02	0.01195	7.2E-05	0.00733	0.10066		1.08E-01	0.015801	5.88E-05	0.004553	1.28E-01		0.124567	0.015971	4.35E-05	0.005023	0.145605						
4233	480363.09	3856377.25	5.02438	18.11148	6.9093	5.40569		1.15E-01	0.01929	0.0001	0.01728	0.15134		1.52E-01	0.025518	8.46E-05	0.01073	1.88E-01		0.175677	0.025793	6.25E-05	0.011837	0.21337						
4234	480863.09	3856377.25	6.32764	23.63256	8.6524	6.18913		1.44E-01	0.02518	0.00013	0.01979	0.1895		1.91E-01	0.033297	0.000106	0.012285	2.37E-01		0.221246	0.033656	7.83E-05	0.013552	0.268532						
4235	481363.09	3856377.25	6.93315	22.6953	9.19061	7.07313		1.58E-01	0.02418	0.00014	0.02261	0.20515		2.09E-01	0.031976	0.000112	0.014039	2.55E-01		0.242417	0.032321	8.31E-05	0.015488	0.29031						
4236	481863.09	3856377.25	6.63005	24.69504	8.80447	9.95748		1.51E-01	0.02631	0.00013	0.03183	0.20958		2.00E-01	0.034794	0.000108	0.019765	2.55E-01		0.231819	0.035169	7.97E-05	0.021804	0.288872						
4237	482363.09	3856377.25	6.5644	22.28614	8.75545	12.39465		1.50E-01	0.02374	0.00013	0.03963	0.21331		1.98E-01	0.0314	0.000107	0.024602	2.54E-01		0.229524	0.031739	7.92E-05	0.02714	0.288482						
4238	482863.09	3856377.25	7.20188	28.07486	9.60728	13.58135		1.64E-01	0.02991	0.00014	0.04342	0.23783		2.17E-01	0.039556	0.000118	0.026958	2.84E-01		0.251813	0.039983	8.69E-05	0.029739	0.321622						
4239	483363.09	3856377.25	7.99083	30.28215	10.67051	15.12272		1.82E-01	0.03226	0.00016	0.04835	0.26313		2.41E-01	0.042666	0.000131	0.030017	3.14E-01		0.279399	0.043126	9.65E-05	0.033114	0.355735						
4240	483863.09	3856377.25	9.11643	31.22063	12.20889	17.22137		2.08E-01	0.03326	0.00018	0.05506	0.29655		2.75E-01	0.043988	0.000149	0.034183	3.53E-01		0.318755	0.044463	0.00011	0.037709	0.401038						
4241	484363.09	3856377.25	10.65	33.97359	14.31929	20.24062		2.43E-01	0.03619	0.00022	0.06471	0.34416		3.21E-01	0.047867	0.000175	0.040176	4.10E-01		0.372377	0.048383	0.00013	0.04432	0.46521						
4242	484863.09	3856377.25	13.48429	36.18684	18.39867	26.15549		3.08E-01	0.03855	0.00028	0.08362	0.43017		4.07E-01	0.050985	0.000225	0.051916	5.10E-01		0.471477	0.051535	0.000166	0.057272	0.580451						
4243	485363.09	3856377.25	21.41045	46.0096	29.22308	38.70156		4.89E-01	0.04902	0.00044	0.12373	0.66179		6.46E-01	0.064825	0.000358	0.076819	7.88E-01		0.748615	0.065524	0.000264	0.084743	0.899147						
4244	485863.09	3856377.25	53.83831	56.70762	83.4731	53.42036		1.23E+00	0.06041	0.00126	0.17079	1.46109		1.62E+00	0.079897	0.001022	0.106034	1.81E+00		1.882453	0.08076	0.000755	0.116973	2.080941						
4245	486363.09	3856377.25	65.73987	90.93708	82.87386	18.04973		1.50E+00	0.09688	0.00125	0.05771	1.65607		1.98E+00	0.128125	0.001014	0.035827	2.15E+00		2.298591	0.129508	0.00075	0.039523	2.468371						
4246	486863.09	3856377.25	25.16301	94.48035	33.79013	9.78465		5.74E-01	0.10065	0.00051	0.03128	0.70669		7.59E-01	0.133117	0.000414	0.019422	9.12E-01		0.879823	0.134554	0.000306	0.021425	1.036108						
4247	487363.09	3856377.25	16.70099	62.62227	22.91398	9.62352		3.81E-01	0.06671	0.00035	0.03077	0.47896		5.04E-01	0.088231	0.00028	0.019102	6.12E-01		0.583949	0.089183	0.000207	0.021072	0.694412						
4248	487863.09	3856377.25	13.3609	59.01761	18.40216	11.66626		3.05E-01	0.06287	0.00028	0.0373	0.40536		4.03E-01	0.083152	0.000225	0.023156	5.10E-01		0.467163	0.08405	0.000166	0.025545	0.576925						
4249	488363.09	3856377.25	11.28847	46.21272	15.21194	11.44266		2.58E-01	0.04923	0.00023	0.03658	0.34366		3.41E-01	0.065111	0.000186	0.022712	4.29E-01		0.394701	0.065814	0.000138	0.025056	0.485708						
4250	488863.09	3856377.25	9.64745	49.83991	12.912	9.89049		2.20E-01	0.0531	0.00019	0.03162	0.30507		2.91E-01	0.070221	0.000158	0.019632	3.81E-01		0.337323	0.070979	0.000117	0.021657	0.430076						
4251	489363.09	3856377.25	8.48342	35.00627	11.31865	9.39672		1.94E-01	0.03729	0.00017	0.03004	0.2611		2.56E-01	0.049322	0.000139	0.018652	3.24E-01		0.296622	0.049854	0.000102	0.020576	0.367154						
4252	489863.09	3856377.25	7.64307	28.73952	10.1363	8.89406		1.74E-01	0.03062	0.00015	0.02843	0.23363		2.31E-01	0.040492	0.000124	0.017654	2.89E-01		0.26724	0.040929	9.17E-05	0.019475	0.327736						
4253	490363.09	3856377.25	7.22641	26.70071	9.60855	8.58921		1.65E-01	0.02845	0.00014	0.02746	0.22096		2.18E-01	0.03762	0.000118	0.017049	2.73E-01		0.252671	0.038026	8.69E-05	0.018808	0.309591						
4254	490863.09	3856377.25	7.04815	24.06814	9.33266	8.54355		1.61E-01	0.02564	0.00014	0.02731	0.21394		2.13E-01	0.03391	0.000114	0.016958	2.64E-01		0.246438	0.034277	8.44E-05	0.018708	0.299507						
4255	491363.09	3856377.25	6.64089	22.19574	8.80413	8.5095		1.52E-01	0.02365	0.00013	0.02721	0.20253		2.00E-01	0.031272	0.000108	0.01689	2.49E-01		0.232198	0.03161	7.96E-05	0.018633	0.282521						
4256	491863.09	3856377.25	6.26941	18.62874	8.30772	8.46429		1.43E-01	0.01985	0.00013	0.02706	0.1901		1.89E-01	0.026247	0.000102	0.016801	2.32E-01		0.21921	0.02653	7.52E-05	0.018534	0.264349						
4257	492363.09	3856377.25	5.72655	15.9791	8.11461	8.40225		1.31E-01	0.01702	0.00012	0.02686	0.17469		1.73E-01	0.022514	9.93E-05	0.016678	2.12E-01		0.200228	0.022757	7.34E-05	0.018398	0.241457						
4258	492863.09	3856377.25	5.51126	11.12527	7.91224	4.17646		1.26E-01	0.01185	0.00012	0.01335	0.1511		1.66E-01	0.015675	9.68E-05	0.00829	1.90E-01		0.192701	0.015844	7.16E-05	0.009145	0.217762						
4259	493363.09	3856377.25	2.68538	4.3389	3.8626	4.16858		6.13E-02	0.00462	5.8E-05	0.01333	0.07929		8.10E-02	0.006113	4.73E-05	0.008274	9.55E-02		0.093894	0.006179	3.49E-05	0.009128	0.109236						
4260	493863.09	3856377.25	2.62748	3.13803	3.78265	4.16068		6.00E-02	0.00334	5.7E-05	0.0133	0.07666		7.93E-02	0.004421	4.63E-05	0.008259	9.20E-02		0.09187	0.004469	3.42E-05	0.00911	0.105483						
4261	494363.09	3856377.25	2.57038	2.0419	3.6944	4.15293		5.87E-02	0.00218	5.6E-05	0.01328	0.07417		7.76E-02	0.002877	4.52E-05	0.008243	8.87E-02		0.089873	0.002908	3.34E-05	0.009094	0.101908						
4262	494863.09	3856377.25	2.51446	2.38903	3.59925	4.14492		5.74E-02	0.00255	5.4E-05	0.01325	0.07323		7.59E-02	0.003366	4.41E-05	0.008227	8.75E-02		0.087918	0.003402	3.26E-05	0.009076	0.100429						
4263	495363.09	3856377.25	2.45996	2.72172	3.49873	4.13743		5.61E-02	0.0029	5.3E-05	0.01323	0.07232		7.42E-02	0.003835	4.28E-05	0.008212	8.63E-02		0.086012	0.003876	3.17E-05	0.00906	0.09898						
4264	495863.09	3856377.25	2.40696	3.02586	3.39434	4.12949		5.49E-02	0.00322	5.1E-05	0.0132	0.07141		7.26E-02	0.004263	4.15E-05	0.008197	8.51E-02		0.084159	0.004309	3.07E-05	0.009042	0.097541						
4265	496363.09	3856377.25	2.35541	3.29674	3.28741	4.12131		5.38E-02	0.00351	5E-05	0.01318	0.07049		7.11E-02	0.004645	4.02E-05	0.00818	8.40E-02		0.082357	0.004695	2.97E-05	0.009024	0.096106						
4266	496863.09	3856377.25	2.30522	3.53219	3.17911	4.1121		5.26E-02	0.00376	4.8E-05	0.01315	0.06956		6.96E-02	0.004977	3.89E-05	0.008162	8.28E-02		0.080602	0.00503	2.88E-05	0.009004	0.094665						

4267	497363.09	3856377.25	2.25624	3.73236	3.07043	4.10396	5.15E-02	0.00398	4.6E-05	0.01312	0.06863	6.81E-02	0.005259	3.76E-05	0.008146	8.15E-02	0.078889	0.005315	2.78E-05	0.008986	0.093219
4268	497863.09	3856377.25	2.20833	3.89811	2.96219	4.09493	5.04E-02	0.00415	4.5E-05	0.01309	0.06768	6.66E-02	0.005492	3.63E-05	0.008128	8.03E-02	0.077214	0.005551	2.68E-05	0.008967	0.091759
4269	498363.09	3856377.25	2.16137	4.03308	2.85503	4.08611	4.93E-02	0.0043	4.3E-05	0.01306	0.06673	6.52E-02	0.005682	3.49E-05	0.008111	7.91E-02	0.075572	0.005744	2.58E-05	0.008947	0.090289
4270	471363.09	3856877.25	2.32012	5.42554	3.06934	1.88996	5.29E-02	0.00578	4.6E-05	0.00604	0.06482	7.00E-02	0.007644	3.76E-05	0.003751	8.15E-02	0.081123	0.007727	2.78E-05	0.004138	0.093016
4271	471863.09	3856877.25	2.32933	5.19687	3.13071	1.88911	5.32E-02	0.00554	4.7E-05	0.00604	0.06478	7.03E-02	0.007322	3.83E-05	0.00375	8.14E-02	0.081445	0.007401	2.83E-05	0.004137	0.093011
4272	472363.09	3856877.25	2.42391	5.73905	3.27041	1.89046	5.53E-02	0.00611	4.9E-05	0.00604	0.06752	7.32E-02	0.008086	4E-05	0.003752	8.50E-02	0.084752	0.008173	2.96E-05	0.004139	0.097094
4273	472863.09	3856877.25	2.51154	7.14875	3.39898	1.90081	5.73E-02	0.00762	5.1E-05	0.00608	0.07106	7.58E-02	0.010072	4.16E-05	0.003773	8.97E-02	0.087816	0.010181	3.07E-05	0.004162	0.10219
4274	473363.09	3856877.25	2.82194	8.7178	3.65212	2.26717	6.44E-02	0.00929	5.5E-05	0.00725	0.08099	8.52E-02	0.012283	4.47E-05	0.0045	1.02E-01	0.098669	0.012415	3.3E-05	0.004964	0.116082
4275	473863.09	3856877.25	3.09478	9.37994	3.77576	2.37935	7.06E-02	0.00999	5.7E-05	0.00761	0.08828	9.34E-02	0.013216	4.62E-05	0.004723	1.11E-01	0.108209	0.013358	3.42E-05	0.00521	0.126811
4276	474363.09	3856877.25	3.16778	8.5513	3.64311	1.99886	7.23E-02	0.00911	5.5E-05	0.00639	0.08785	9.56E-02	0.012048	4.46E-05	0.003968	1.12E-01	0.110761	0.012178	3.3E-05	0.004377	0.127349
4277	474863.09	3856877.25	2.85985	6.55567	3.34177	1.88535	6.53E-02	0.00698	5E-05	0.00603	0.07833	8.63E-02	0.009237	4.09E-05	0.003742	9.93E-02	0.099994	0.009336	3.02E-05	0.004128	0.113489
4278	475363.09	3856877.25	2.02021	5.79796	2.66583	1.87697	4.61E-02	0.00618	4E-05	0.006	0.05832	6.10E-02	0.008169	3.26E-05	0.003726	7.29E-02	0.070637	0.008257	2.41E-05	0.00411	0.083028
4279	475863.09	3856877.25	2.01566	5.41147	2.46068	1.90003	4.60E-02	0.00577	3.7E-05	0.00607	0.05788	6.08E-02	0.007624	3.01E-05	0.003771	7.23E-02	0.070477	0.007707	2.23E-05	0.00416	0.082367
4280	476363.09	3856877.25	1.70773	3.9518	1.91903	1.91755	3.90E-02	0.00421	2.9E-05	0.00613	0.04934	5.15E-02	0.005568	2.35E-05	0.003806	6.09E-02	0.059711	0.005628	1.74E-05	0.004199	0.069555
4281	476863.09	3856877.25	1.76512	4.67745	2.0981	1.9288	4.03E-02	0.00498	3.2E-05	0.00617	0.05146	5.33E-02	0.00659	2.57E-05	0.003828	6.37E-02	0.061717	0.006661	1.9E-05	0.004223	0.072621
4282	477363.09	3856877.25	1.78036	5.4556	2.29639	1.93063	4.06E-02	0.00581	3.5E-05	0.00617	0.05265	5.37E-02	0.007687	2.81E-05	0.003832	6.53E-02	0.06225	0.00777	2.08E-05	0.004227	0.074268
4283	477863.09	3856877.25	1.46112	4.96693	1.63773	1.57694	3.33E-02	0.00529	2.5E-05	0.00504	0.0437	4.41E-02	0.006998	2E-05	0.00313	5.42E-02	0.051088	0.007074	1.48E-05	0.003453	0.061629
4284	478363.09	3856877.25	1.51788	4.3553	1.71047	1.61018	3.46E-02	0.00464	2.6E-05	0.00515	0.04445	4.58E-02	0.006136	2.09E-05	0.003196	5.52E-02	0.053073	0.006203	1.55E-05	0.003526	0.062816
4285	478863.09	3856877.25	1.52159	2.73311	2.01068	1.65049	3.47E-02	0.00291	3E-05	0.00528	0.04294	4.59E-02	0.003851	2.46E-05	0.003276	5.31E-02	0.053202	0.003892	1.82E-05	0.003614	0.060727
4286	479363.09	3856877.25	1.51807	3.66914	2.10346	1.69238	3.46E-02	0.00391	3.2E-05	0.00541	0.04399	4.58E-02	0.00517	2.57E-05	0.003359	5.44E-02	0.053079	0.005225	1.9E-05	0.003706	0.062029
4287	479863.09	3856877.25	3.07095	8.88471	4.28288	2.59288	7.01E-02	0.00947	6.5E-05	0.00829	0.0879	9.27E-02	0.012518	5.24E-05	0.005147	1.10E-01	0.107376	0.012653	3.87E-05	0.005678	0.125745
4288	480363.09	3856877.25	4.49888	16.41485	6.09996	4.13115	1.03E-01	0.01749	9.2E-05	0.01321	0.13345	1.36E-01	0.023127	7.47E-05	0.0082	1.67E-01	0.157303	0.023377	5.52E-05	0.009046	0.189781
4289	480863.09	3856877.25	6.14861	20.96728	8.36069	5.10848	1.40E-01	0.02234	0.00013	0.01633	0.17911	1.86E-01	0.029542	0.000102	0.01014	2.25E-01	0.214986	0.02986	7.56E-05	0.011186	0.256108
4290	481363.09	3856877.25	6.34113	16.85753	8.42561	6.82945	1.45E-01	0.01796	0.00013	0.02183	0.18463	1.91E-01	0.023751	0.000103	0.013556	2.29E-01	0.221717	0.024008	7.62E-05	0.014954	0.260755
4291	481863.09	3856877.25	6.37748	18.65879	8.16727	7.9941	1.46E-01	0.01988	0.00012	0.02556	0.1911	1.92E-01	0.026289	1E-04	0.015867	2.35E-01	0.222988	0.026573	7.39E-05	0.017504	0.267139
4292	482363.09	3856877.25	6.11004	22.08133	8.14532	10.90066	1.39E-01	0.02352	0.00012	0.03485	0.19793	1.84E-01	0.031111	9.97E-05	0.021637	2.37E-01	0.213637	0.031447	7.37E-05	0.023869	0.269027
4293	482863.09	3856877.25	6.40751	21.3219	8.53601	11.80843	1.46E-01	0.02272	0.00013	0.03775	0.20682	1.93E-01	0.030041	0.000104	0.023439	2.47E-01	0.224038	0.030366	7.72E-05	0.025857	0.280337
4294	483363.09	3856877.25	6.94624	23.19485	9.24137	12.8997	1.59E-01	0.02471	0.00014	0.04124	0.22461	2.10E-01	0.03268	0.000113	0.025605	2.68E-01	0.242875	0.033033	8.36E-05	0.028246	0.304237
4295	483863.09	3856877.25	7.65992	24.33951	10.18062	14.2975	1.75E-01	0.02593	0.00015	0.04571	0.2466	2.31E-01	0.034293	0.000125	0.028379	2.94E-01	0.267829	0.034663	9.21E-05	0.031307	0.333891
4296	484363.09	3856877.25	8.67637	26.68766	11.55425	16.21064	1.98E-01	0.02843	0.00017	0.05183	0.27843	2.62E-01	0.037601	0.000141	0.032176	3.32E-01	0.303369	0.038007	0.000105	0.035496	0.376976
4297	484863.09	3856877.25	10.14253	33.44092	13.5877	18.80916	2.31E-01	0.03563	0.0002	0.06013	0.32742	3.06E-01	0.047116	0.000166	0.037334	3.91E-01	0.354633	0.047625	0.000123	0.041186	0.443566
4298	485363.09	3856877.25	12.80161	42.62931	17.32106	23.43411	2.92E-01	0.04541	0.00026	0.07492	0.41274	3.86E-01	0.060062	0.000212	0.046514	4.93E-01	0.447608	0.06071	0.000157	0.051313	0.559788
4299	485863.09	3856877.25	18.79978	63.09964	25.18669	40.96	4.29E-01	0.06722	0.00038	0.13095	0.62758	5.67E-01	0.088903	0.000308	0.081301	7.38E-01	0.657333	0.089863	0.000228	0.089689	0.837113
4300	486363.09	3856877.25	47.96187	116.2455	94.34763	22.88883	1.09E+00	0.12384	0.00142	0.07318	1.29297	1.45E+00	0.163783	0.001155	0.045432	1.66E+00	1.676984	0.165551	0.000854	0.050119	1.893507
4301	486863.09	3856877.25	57.12816	176.8645	126.8793	33.44416	1.30E+00	0.18842	0.00191	0.10692	1.60097	1.72E+00	0.249191	0.001553	0.066383	2.04E+00	1.997483	0.251881	0.001148	0.073232	2.323743
4302	487363.09	3856877.25	27.5904	113.6321	36.47432	27.57526	6.30E-01	0.12106	0.00055	0.08816	0.8394	8.33E-01	0.1601	0.000446	0.054734	1.05E+00	0.964697	0.161829	0.00033	0.060381	1.187236
4303	487863.09	3856877.25	17.0776	88.63716	22.6018	20.16411	3.90E-01	0.09443	0.00034	0.06447	0.54896	5.15E-01	0.124884	0.000277	0.040024	6.81E-01	0.597117	0.126232	0.000204	0.044153	0.767707
4304	488363.09	3856877.25	12.85887	59.56712	17.26148	16.95605	2.93E-01	0.06346	0.00026	0.05421	0.41138	3.88E-01	0.083926	0.000211	0.033656	5.06E-01	0.44961	0.084832	0.000156	0.037128	0.571726
4305	488863.09	3856877.25	10.5028	47.06456	14.24319	14.65251	2.40E-01	0.05014	0.00021	0.04684	0.33688	3.17E-01	0.066311	0.000174	0.029084	4.13E-01	0.36723	0.067027	0.000129	0.032084	0.46647
4306	489363.09	3856877.25	9.01577	37.55682	12.17326	13.26082	2.06E-01	0.04001	0.00018	0.0424	0.28834	2.72E-01	0.052915	0.000149	0.026321	3.51E-01	0.315236	0.053486	0.00011	0.029037	0.397869
4307	489863.09	3856877.25	8.06268	31.60124	10.91502	11.7044	1.84E-01	0.03367	0.00016	0.03742	0.25525	2.43E-01	0.044524	0.000134	0.023232	3.11E-01	0.281911	0.045005	9.87E-05	0.025629	0.352643
4308	490363.09	3856877.25	7.65603	26.31648	10.1013	9.80099	1.75E-01	0.02804	0.00015	0.03133	0.23424	2.31E-01	0.037078	0.000124	0.019454	2.88E-01	0.267693	0.037479	9.14E-05	0.021461	0.326723
4309	490863.09	3856877.25	7.26464	22.14028	9.67513	8.27921	1.66E-01	0.02359	0.00015	0.02647	0.21599	2.19E-01	0.031194	0.000118	0.016433	2.67E-01	0.254008	0.031531	8.75E-05	0.018129	0.303755
4310	491363.09	3856877.25	6.90547	21.57108	9.35353	8.22861	1.58E-01	0.02298	0.00014	0.02631	0.20702	2.08E-01	0.030392	0.000114	0.016333	2.55E-01	0.241449	0.03072	8.46E-05	0.018018	0.290272
4311	491863.09	3856877.25	6.55376	19.07994	8.99077	8.17751	1.50E-01	0.02033	0.00014	0.02614	0.19617	1.98E-01	0.026882	0.00011	0.016232	2.41E-01	0.229152	0.027173	8.13E-05	0.017906	0.274312
4312	492363.09	3856877.25	5.29017	15.98236	7.11277	4.0334	1.21E-01	0.01703	0.00011	0.01289	0.15075	1.60E-01	0.022518	8.71E-05	0.008006	1.90E-01	0.18497	0.022761	6.43E-05	0.008832	0.216628
4313	492863.09	3856877.25	3.95152	14.58851	4.99299	4.02522	9.02E-02	0.01554	7.5E-05	0.01287	0.11866	1.19E-01	0.020554	6.11E-05	0.00799	1.48E-01	0.138165	0.020776	4.52E-05	0.008814	0.1678
4314	493363.09	3856877.25	3.65895	7.25433	3.88647	4.01706	8.35E-02	0.00773	5.9E-05	0.01284	0.10413	1.10E-01	0.010221	4.76E-05	0.007973	1.29E-01	0.127935	0.010331	3.52E-05	0.008796	0.147097
4315	493863.09	3856877.25	2.02747	7.1523	2.28419	4.00828	4.63E-02	0.00762	3.4E-05	0.01281	0.06674	6.12E-02	0.010077	2.8E-05	0.007956	7.93E-02	0.07089	0.010186	2.07E-05	0.008777	0.089874
4316	494363.09	3856877.25	1.98519	6.99692	2.15332	3.99911	4.53E-02	0.00745	3.2E-05	0.01279	0.06558	5.99E-02	0.009858	2.64E-05	0.007938	7.77E-02	0.069412	0.009965	1.95E-05	0.008757	0.088153
4317	494863.09	3856877.25	1.94258	6.80561	2.03165	3.98876	4.43E-02	0.00725	3.1E-05	0.01275	0.06436	5.86E-02	0.009589	2.49E-05	0.007917	7.62E-02	0.067922	0.009692	1.84E-05	0.008734	0.086367
4318	495363.09	3856877.25	1.89949	6.591	1.91815	3.97443	4.33E-02	0.00702	2.9E-05	0.01271	0.0631	5.73E-02	0.009286	2.35E-05	0.007889	7.45E-02	0.066416	0.009387	1.74E-05	0.008703	0.084522
4319	495863.09	3856877.25	1.85596	6.36268	1.81203	3.95818	4.24E-02	0.00678	2.7E-05	0.01265	0.06181	5.60E-02	0.008965	2.22E-05	0.007857	7.29E-02	0.064894	0.009061	1.64E-05	0.008667	0.082638
4320	496363.09	3856877.25	1.81214	6.12778	1.71268	3.93585	4.14E-02	0.00653	2.6E-05	0.01258	0.06049	5.47E-02	0.008634	2.1E-05	0.007812	7.12E-02	0.063361	0.008727	1.55E-05	0.008618	0.080722
4321	496863.09	3856877.25	1.76823	5.89165	1.61959	3.90897	4.04E-02	0.00628	2.4E-05	0.0125	0.05915	5.34E-02	0.008301	1.98E-05	0.007759	6.94E-02	0.061826	0.008391	1.47E-05	0.008559	0.078791
4322	497363.09	3856877.25	1.72445	5.6576	1.53231	3.87737	3.94E-02	0.00603	2.3E-05	0.0124	0.0578	5.20E-02	0.007971	1.88E-05	0.007696	6.77E-02	0.060295	0.008057	1.39E-05	0.00849	0.076857
4323	497863.09	3856877.25	1.68102	5.42872	1.45047	3.83877	3.84E-02	0.00578	2.2E-05	0.01227	0.05644	5.07E-02	0.007649	1.78E-05	0.00762	6.60E-02	0.058777	0.007731	1.31E-05	0.008406	0.074927
4324	498363.09	3856877.25	1.63813	5.20576	1.63822	3.79441	3.74E-02	0.00555	2.5E-05	0.01213	0.05508	4.94E-02	0.007335	2.01E-05	0.007532	6.43E-02	0.057277	0.007414	1.48E-05	0.008308	0.073014
4325	471363.09	3857377.25	2.62129	7.0157	3.16753	2.16825	5.98E-02	0.00747	4.8E-05	0.00693	0.07427	7.91E-02	0.009885	3.88E-05	0.004304	9.33E-02	0.091653	0.009991	2.87E-05	0.004748	0.106421
4326	471863.09	3857377.25	2.73065	6.47438	3.16155	2.06416	6.23E-02	0.0069	4.8E-05	0.0066	0.07586	8.24E-02	0.009122	3.87E-05	0.004097	9.57E-02	0.095477	0.00922	2.86E-05	0.00452	0.109246
4327	472363.09	3857377.25	2.85448	5.69306	3.30598	2.08972	6.51E-02	0.00607	5E-05	0.00668	0.07794	8.62E-02	0.008021	4.05E-05	0.004148	9.84E-02	0.099807	0.008108	2.99E-05	0.004576	0.11252

4328	472863.09	3857377.25	2.986	6.49739	3.69698	2.17577	6.81E-02	0.00692	5.6E-05	0.00696	0.08208	9.01E-02	0.009154	4.52E-05	0.004319	1.04E-01	0.104405	0.009253	3.34E-05	0.004764	0.118456
4329	473363.09	3857377.25	3.14757	6.94679	4.05627	2.35047	7.18E-02	0.0074	6.1E-05	0.00751	0.08681	9.50E-02	0.009788	4.96E-05	0.004665	1.09E-01	0.110055	0.009893	3.67E-05	0.005147	0.125131
4330	473863.09	3857377.25	3.33149	6.76535	4.37733	2.609	7.60E-02	0.00721	6.6E-05	0.00834	0.09164	1.01E-01	0.009532	5.36E-05	0.005179	1.15E-01	0.116485	0.009635	3.96E-05	0.005713	0.131873
4331	474363.09	3857377.25	3.01555	7.607	4.12297	2.02332	6.88E-02	0.0081	6.2E-05	0.00647	0.08345	9.10E-02	0.010718	5.05E-05	0.004016	1.06E-01	0.105439	0.010833	3.73E-05	0.00443	0.12074
4332	474863.09	3857377.25	2.14674	6.19344	2.68148	1.91643	4.90E-02	0.0066	4E-05	0.00613	0.06176	6.48E-02	0.008726	3.28E-05	0.003804	7.74E-02	0.075061	0.00882	2.43E-05	0.004196	0.088102
4333	475363.09	3857377.25	1.74125	4.74652	2.25205	1.90239	3.97E-02	0.00506	3.4E-05	0.00608	0.05091	5.26E-02	0.006688	2.76E-05	0.003776	6.30E-02	0.060883	0.00676	2.04E-05	0.004166	0.071828
4334	475863.09	3857377.25	1.62461	4.21764	2.21203	1.46283	3.71E-02	0.00449	3.3E-05	0.00468	0.04628	4.90E-02	0.005942	2.71E-05	0.002904	5.79E-02	0.056804	0.006007	2E-05	0.003203	0.066034
4335	476363.09	3857377.25	1.78704	4.26462	2.44635	1.89668	4.08E-02	0.00454	3.7E-05	0.00606	0.05143	5.39E-02	0.006009	2.99E-05	0.003765	6.37E-02	0.062484	0.006073	2.21E-05	0.004153	0.072732
4336	476863.09	3857377.25	1.79492	3.55681	2.4863	1.89051	4.10E-02	0.00379	3.7E-05	0.00604	0.05083	5.42E-02	0.005011	3.04E-05	0.003752	6.30E-02	0.062759	0.005065	2.25E-05	0.00414	0.071987
4337	477363.09	3857377.25	1.75892	3.2849	2.4981	1.88038	4.01E-02	0.0035	3.8E-05	0.00601	0.04969	5.31E-02	0.004628	3.06E-05	0.003732	6.15E-02	0.061501	0.004678	2.26E-05	0.004117	0.070319
4338	477863.09	3857377.25	1.49352	3.04311	2.06632	1.53395	3.41E-02	0.00324	3.1E-05	0.0049	0.04226	4.51E-02	0.004288	2.53E-05	0.003045	5.24E-02	0.052221	0.004334	1.87E-05	0.003359	0.059932
4339	478363.09	3857377.25	1.49678	2.52807	2.08662	1.89494	3.42E-02	0.00269	3.1E-05	0.00606	0.04294	4.52E-02	0.003562	2.55E-05	0.003761	5.25E-02	0.052335	0.0036	1.89E-05	0.004149	0.060103
4340	478863.09	3857377.25	1.50229	2.50082	2.09566	2.05049	3.43E-02	0.00266	3.2E-05	0.00656	0.04353	4.53E-02	0.003523	2.56E-05	0.00407	5.30E-02	0.052527	0.003562	1.9E-05	0.00449	0.060598
4341	479363.09	3857377.25	1.50836	3.26688	2.10394	2.07554	3.44E-02	0.00348	3.2E-05	0.00664	0.04457	4.55E-02	0.004603	2.58E-05	0.00412	5.43E-02	0.05274	0.004653	1.9E-05	0.004545	0.061956
4342	479863.09	3857377.25	2.84802	7.24646	4.19787	2.53823	6.50E-02	0.00772	6.3E-05	0.00811	0.08089	8.60E-02	0.01021	5.14E-05	0.005038	1.01E-01	0.099581	0.01032	3.8E-05	0.005558	0.115497
4343	480363.09	3857377.25	1.8483	5.60905	2.57558	2.04829	4.22E-02	0.00598	3.9E-05	0.00655	0.05474	5.58E-02	0.007903	3.15E-05	0.004066	6.78E-02	0.064626	0.007988	2.33E-05	0.004485	0.077122
4344	480863.09	3857377.25	5.54495	15.42513	7.50667	4.58511	1.27E-01	0.01643	0.00011	0.01466	0.15775	1.67E-01	0.021733	9.19E-05	0.009101	1.98E-01	0.193879	0.021968	6.79E-05	0.01004	0.225954
4345	481363.09	3857377.25	5.85779	16.43365	7.88856	4.47851	1.34E-01	0.01751	0.00012	0.01432	0.16562	1.77E-01	0.023154	9.65E-05	0.008889	2.09E-01	0.204817	0.023404	7.14E-05	0.009806	0.238099
4346	481863.09	3857377.25	5.66616	19.15977	7.38882	6.17524	1.29E-01	0.02041	0.00011	0.01974	0.16957	1.71E-01	0.026995	9.04E-05	0.012257	2.10E-01	0.198117	0.027286	6.68E-05	0.013522	0.238992
4347	482363.09	3857377.25	5.5972	17.16827	7.50572	9.47495	1.28E-01	0.01829	0.00011	0.03029	0.17643	1.69E-01	0.024189	9.19E-05	0.018807	2.12E-01	0.195706	0.02445	6.79E-05	0.020747	0.240971
4348	482863.09	3857377.25	5.61545	17.16184	7.58523	10.41084	1.28E-01	0.01828	0.00011	0.03328	0.17983	1.69E-01	0.02418	9.28E-05	0.020664	2.14E-01	0.196344	0.024441	6.86E-05	0.022796	0.24365
4349	483363.09	3857377.25	5.90298	19.22654	8.06763	11.2119	1.35E-01	0.02048	0.00012	0.03584	0.19116	1.78E-01	0.027089	9.87E-05	0.022254	2.28E-01	0.206397	0.027381	7.3E-05	0.02455	0.258402
4350	483863.09	3857377.25	6.3158	21.09121	8.78862	12.20435	1.44E-01	0.02247	0.00013	0.03902	0.20575	1.91E-01	0.029716	0.000108	0.024224	2.45E-01	0.220832	0.030037	7.95E-05	0.026723	0.277672
4351	484363.09	3857377.25	6.74873	24.58563	9.63229	13.44339	1.54E-01	0.02619	0.00015	0.04298	0.22333	2.04E-01	0.03464	0.000118	0.026684	2.65E-01	0.235969	0.035014	8.71E-05	0.029437	0.300506
4352	484863.09	3857377.25	7.23297	29.42462	10.65484	15.11038	1.65E-01	0.03135	0.00016	0.04831	0.24488	2.18E-01	0.041457	0.00013	0.029993	2.90E-01	0.2529	0.041905	9.64E-05	0.033087	0.327988
4353	485363.09	3857377.25	8.15282	36.28358	11.64492	17.38847	1.86E-01	0.03865	0.00018	0.05559	0.28048	2.46E-01	0.051121	0.000143	0.034514	3.32E-01	0.285063	0.051673	0.000105	0.038075	0.374916
4354	485863.09	3857377.25	10.03988	47.18053	13.82451	20.72311	2.29E-01	0.05026	0.00021	0.06625	0.34584	3.03E-01	0.066474	0.000169	0.041133	4.11E-01	0.351044	0.067192	0.000125	0.045377	0.463738
4355	486363.09	3857377.25	18.49353	88.15371	24.99951	48.59736	4.22E-01	0.09391	0.00038	0.15537	0.67169	5.58E-01	0.124203	0.000306	0.096461	7.79E-01	0.646625	0.125544	0.000226	0.106412	0.878807
4356	486863.09	3857377.25	55.53172	182.1226	61.42695	40.199	1.27E+00	0.19402	0.00093	0.12852	1.59074	1.68E+00	0.256599	0.000752	0.079791	2.01E+00	1.941663	0.259369	0.000556	0.088022	2.289611
4357	487363.09	3857377.25	40.54777	208.2462	68.51992	71.31098	9.25E-01	0.22185	0.00103	0.22798	1.3762	1.22E+00	0.293406	0.000839	0.141545	1.66E+00	1.41775	0.296573	0.00062	0.156147	1.871091
4358	487863.09	3857377.25	27.33165	111.8115	38.04816	42.40964	6.24E-01	0.11912	0.00057	0.13558	0.87901	8.25E-01	0.157535	0.000466	0.084179	1.07E+00	0.95565	0.159236	0.000344	0.092863	1.208093
4359	488363.09	3857377.25	18.07288	68.42878	23.78173	27.9455	4.12E-01	0.0729	0.00036	0.08934	0.57504	5.45E-01	0.096412	0.000291	0.055469	6.98E-01	0.631917	0.097453	0.000215	0.061191	0.790776
4360	488863.09	3857377.25	12.69938	48.02748	17.23468	19.96919	2.90E-01	0.05117	0.00026	0.06384	0.40508	3.83E-01	0.067668	0.000211	0.039637	4.91E-01	0.444033	0.068398	0.000156	0.043726	0.556313
4361	489363.09	3857377.25	10.58966	38.08983	14.31196	16.57966	2.42E-01	0.04058	0.00022	0.05301	0.33546	3.20E-01	0.053666	0.000175	0.032909	4.06E-01	0.370267	0.054245	0.000129	0.036304	0.460946
4362	489863.09	3857377.25	9.17736	31.84695	12.35282	13.72201	2.09E-01	0.03393	0.00019	0.04387	0.28742	2.77E-01	0.04487	0.000151	0.027237	3.49E-01	0.320886	0.045355	0.000112	0.030047	0.396399
4363	490363.09	3857377.25	8.11427	26.84427	11.04106	11.82988	1.85E-01	0.0286	0.00017	0.03782	0.25176	2.45E-01	0.037822	0.000135	0.023481	3.06E-01	0.283715	0.03823	9.99E-05	0.025903	0.347949
4364	490863.09	3857377.25	7.39323	22.80191	9.84846	10.40384	1.69E-01	0.02429	0.00015	0.03326	0.22642	2.23E-01	0.032126	0.000121	0.020651	2.76E-01	0.258504	0.032473	8.91E-05	0.022781	0.313847
4365	491363.09	3857377.25	6.87787	19.56129	9.13782	9.37026	1.57E-01	0.02084	0.00014	0.02996	0.20789	2.08E-01	0.027561	0.000112	0.018599	2.54E-01	0.240484	0.027858	8.27E-05	0.020518	0.288943
4366	491863.09	3857377.25	7.07858	20.4941	9.52661	7.8423	1.62E-01	0.02183	0.00014	0.02507	0.20859	2.14E-01	0.028875	0.000117	0.015566	2.58E-01	0.247502	0.029187	8.62E-05	0.017172	0.293947
4367	492363.09	3857377.25	5.62794	12.54762	7.59844	5.70809	1.28E-01	0.01337	0.00011	0.01825	0.16017	1.70E-01	0.017679	9.3E-05	0.01133	1.99E-01	0.196781	0.01787	6.87E-05	0.012499	0.227218
4368	492863.09	3857377.25	4.15722	4.76119	5.75951	3.79459	9.49E-02	0.00507	8.7E-05	0.01213	0.11216	1.25E-01	0.006708	7.05E-05	0.007532	1.40E-01	0.145357	0.006781	5.21E-05	0.008309	0.160499
4369	493363.09	3857377.25	2.06779	4.21526	2.80441	3.72871	4.72E-02	0.00449	4.2E-05	0.01192	0.06364	6.24E-02	0.005939	3.43E-05	0.007401	7.58E-02	0.0723	0.006003	2.54E-05	0.008165	0.086493
4370	493863.09	3857377.25	2.01517	3.91013	2.69808	3.64711	4.60E-02	0.00417	4.1E-05	0.01166	0.06185	6.08E-02	0.005509	3.3E-05	0.007239	7.36E-02	0.07046	0.005569	2.44E-05	0.007986	0.084039
4371	494363.09	3857377.25	1.97388	3.6416	2.55431	3.55154	4.50E-02	0.00388	3.8E-05	0.01135	0.06032	5.96E-02	0.005131	3.13E-05	0.007049	7.18E-02	0.069017	0.005186	2.31E-05	0.007777	0.082003
4372	494863.09	3857377.25	1.91206	3.40313	2.35939	3.44509	4.36E-02	0.00363	3.6E-05	0.01101	0.05831	5.77E-02	0.004795	2.89E-05	0.006838	6.94E-02	0.066855	0.004847	2.13E-05	0.007544	0.079267
4373	495363.09	3857377.25	1.82617	3.19015	2.1191	3.33077	4.17E-02	0.0034	3.2E-05	0.01065	0.05575	5.51E-02	0.004495	2.59E-05	0.006611	6.62E-02	0.063852	0.004543	1.92E-05	0.007293	0.075708
4374	495863.09	3857377.25	1.71614	2.99874	1.84767	3.21176	3.92E-02	0.00319	2.8E-05	0.01027	0.05265	5.18E-02	0.004225	2.26E-05	0.006375	6.24E-02	0.060005	0.004271	1.67E-05	0.007033	0.071325
4375	496363.09	3857377.25	1.58532	2.8259	1.5638	3.08883	3.62E-02	0.00301	2.4E-05	0.00988	0.04909	4.78E-02	0.003982	1.91E-05	0.006131	5.80E-02	0.055431	0.004024	1.41E-05	0.006764	0.066233
4376	496863.09	3857377.25	1.43967	2.66936	1.62483	2.96577	3.29E-02	0.00284	2.4E-05	0.00948	0.0452	4.35E-02	0.003761	1.99E-05	0.005887	5.31E-02	0.050338	0.003802	1.47E-05	0.006494	0.060648
4377	497363.09	3857377.25	1.28628	2.52708	1.55642	2.84491	2.94E-02	0.00269	2.3E-05	0.0091	0.04116	3.88E-02	0.00356	1.9E-05	0.005647	4.80E-02	0.044975	0.003599	1.41E-05	0.006229	0.054817
4378	497863.09	3857377.25	1.34829	2.39622	1.84263	2.7234	3.08E-02	0.00255	2.8E-05	0.00871	0.04206	4.07E-02	0.003376	2.26E-05	0.005406	4.95E-02	0.047143	0.003413	1.67E-05	0.005963	0.056535
4379	498363.09	3857377.25	1.81907	2.27549	2.55992	2.60822	4.15E-02	0.00242	3.9E-05	0.00834	0.05231	5.49E-02	0.003206	3.13E-05	0.005177	6.33E-02	0.063604	0.003241	2.32E-05	0.005711	0.072579
4380	471363.09	3857877.25	2.76743	5.50134	3.66109	2.23105	6.32E-02	0.00586	5.5E-05	0.00713	0.0762	8.35E-02	0.007751	4.48E-05	0.004428	9.57E-02	0.096763	0.007835	3.31E-05	0.004885	0.109516
4381	471863.09	3857877.25	2.76949	5.30224	3.73006	2.17264	6.32E-02	0.00565	5.6E-05	0.00695	0.07585	8.36E-02	0.007471	4.57E-05	0.004312	9.54E-02	0.096835	0.007551	3.37E-05	0.004757	0.109177
4382	472363.09	3857877.25	2.82064	6.36489	3.82629	2.20163	6.44E-02	0.00678	5.8E-05	0.00704	0.07825	8.51E-02	0.008968	4.68E-05	0.00437	9.85E-02	0.098624	0.009065	3.46E-05	0.004821	0.112544
4383	472863.09	3857877.25	2.98126	6.95704	4.03535	2.51802	6.80E-02	0.00741	6.1E-05	0.00805	0.08356	9.00E-02	0.009802	4.94E-05	0.004998	1.05E-01	0.10424	0.009908	3.65E-05	0.005514	0.119698
4384	473363.09	3857877.25	3.04323	6.85892	4.12877	2.57947	6.94E-02	0.00731	6.2E-05	0.00825	0.08506	9.18E-02	0.009664	5.05E-05	0.00512	1.07E-01	0.106406	0.009768	3.74E-05	0.005648	0.12186
4385	473863.09	3857877.25	3.1947	7.19247	4.32427	2.80909	7.29E-02	0.00766	6.5E-05	0.00898	0.08961	9.64E-02	0.010134	5.29E-05	0.005576	1.12E-01	0.111703	0.010243	3.91E-05	0.006151	0.128136
4386	474363.09	3857877.25	2.73113	7.81352	3.72438	2.21681	6.23E-02	0.00832	5.6E-05	0.00709	0.07779	8.24E-02	0.011009	4.56E-05	0.0044	9.79E-02	0.095494	0.011128	3.37E-05	0.004854	0.111509
4387	474863.09	3857877.25	2.72116	7.23859	2.91506	2.3562	6.21E-02	0.00771	4.4E-05	0.00753	0.07739	8.21E-02	0.010199	3.57E-05	0.004677	9.70E-02	0.095145	0.010309	2.64E-05	0.005159	0.11064
4388	475363.09	3857877.25	1.45351	2.78771	1.79622	1.37122	3.32E-02	0.00297	2.7E-05	0.00438	0.04055	4.39E-02	0.003928	2.2E-05	0.002722	5.05E-02	0.050822	0.00397	1.62E-05	0.003003	0.057811

4389	475863.09	3857877.25	1.46596	1.7122	1.96457	1.25957		3.35E-02	0.00182	3E-05	0.00403	0.03933		4.42E-02	0.002412	2.4E-05	0.0025	4.92E-02		0.051257	0.002438	1.78E-05	0.002758	0.056471						
4390	476363.09	3857877.25	1.46945	2.89798	2.03178	1.65681		3.35E-02	0.00309	3.1E-05	0.0053	0.04195		4.43E-02	0.004083	2.49E-05	0.003289	5.17E-02		0.051379	0.004127	1.84E-05	0.003628	0.059153						
4391	476863.09	3857877.25	1.62728	2.88773	2.38672	1.92621		3.71E-02	0.00308	3.6E-05	0.00616	0.04641		4.91E-02	0.004069	2.92E-05	0.003823	5.70E-02		0.056898	0.004113	2.16E-05	0.004218	0.06525						
4392	477363.09	3857877.25	1.55537	3.73532	2.24835	2.04334		3.55E-02	0.00398	3.4E-05	0.00653	0.04604		4.69E-02	0.005263	2.75E-05	0.004056	5.63E-02		0.054383	0.00532	2.03E-05	0.004474	0.064198						
4393	477863.09	3857877.25	1.48394	3.7674	2.07052	2.06574		3.39E-02	0.00401	3.1E-05	0.0066	0.04451		4.48E-02	0.005308	2.53E-05	0.0041	5.42E-02		0.051886	0.005365	1.87E-05	0.004523	0.061793						
4394	478363.09	3857877.25	1.4898	2.54512	2.07853	2.05582		3.40E-02	0.00271	3.1E-05	0.00657	0.04331		4.50E-02	0.003586	2.54E-05	0.004081	5.27E-02		0.052091	0.003625	1.88E-05	0.004502	0.060236						
4395	478863.09	3857877.25	1.49574	1.91843	2.08663	2.04054		3.41E-02	0.00204	3.1E-05	0.00652	0.04273		4.51E-02	0.002703	2.55E-05	0.00405	5.19E-02		0.052298	0.002732	1.89E-05	0.004468	0.059518						
4396	479363.09	3857877.25	2.72296	6.15042	4.02464	2.47941		6.21E-02	0.00655	6.1E-05	0.00793	0.07668		8.22E-02	0.008666	4.93E-05	0.004921	9.58E-02		0.095208	0.008759	3.64E-05	0.005429	0.109433						
4397	479863.09	3857877.25	4.53606	13.25727	6.32318	4.03916		1.04E-01	0.01412	9.5E-05	0.01291	0.13065		1.37E-01	0.018679	7.74E-05	0.008017	1.64E-01		0.158603	0.01888	5.72E-05	0.008844	0.186385						
4398	480363.09	3857877.25	4.8519	13.65447	6.56231	4.2925		1.11E-01	0.01455	9.9E-05	0.01372	0.13909		1.46E-01	0.019238	8.03E-05	0.00852	1.74E-01		0.169646	0.019446	5.94E-05	0.009399	0.198551						
4399	480863.09	3857877.25	5.00862	14.32378	6.84957	4.53204		1.14E-01	0.01526	0.0001	0.01449	0.14415		1.51E-01	0.020181	8.38E-05	0.008996	1.80E-01		0.175126	0.020399	6.2E-05	0.009924	0.205511						
4400	481363.09	3857877.25	5.10062	17.69952	7.06692	4.79771		1.16E-01	0.01886	0.00011	0.01534	0.1507		1.54E-01	0.024938	8.65E-05	0.009523	1.88E-01		0.178343	0.025207	6.39E-05	0.010505	0.214119						
4401	481863.09	3857877.25	5.02661	16.81133	6.86541	5.50131		1.15E-01	0.01791	0.0001	0.01759	0.15031		1.52E-01	0.023686	8.4E-05	0.01092	1.86E-01		0.175755	0.023942	6.21E-05	0.012046	0.211805						
4402	482363.09	3857877.25	4.85334	16.10453	6.56044	7.67869		1.11E-01	0.01716	9.9E-05	0.02455	0.15256		1.46E-01	0.02269	8.03E-05	0.015241	1.84E-01		0.169697	0.022935	5.94E-05	0.016814	0.209505						
4403	482863.09	3857877.25	4.54687	16.20831	6.14256	9.28166		1.04E-01	0.01727	9.3E-05	0.02967	0.1508		1.37E-01	0.022836	7.52E-05	0.018423	1.79E-01		0.158981	0.023083	5.56E-05	0.020324	0.202443						
4404	483363.09	3857877.25	4.72699	21.16848	6.38591	9.88358		1.08E-01	0.02255	9.6E-05	0.0316	0.16212		1.43E-01	0.029825	7.82E-05	0.019618	1.92E-01		0.165279	0.030147	5.78E-05	0.021642	0.217125						
4405	483863.09	3857877.25	5.02785	26.35094	6.84685	10.61235		1.15E-01	0.02807	0.0001	0.03393	0.17684		1.52E-01	0.037127	8.38E-05	0.021064	2.10E-01		0.175798	0.037528	6.19E-05	0.023238	0.236626						
4406	484363.09	3857877.25	5.27564	29.81095	7.42369	11.48954		1.20E-01	0.03176	0.00011	0.03673	0.189		1.59E-01	0.042002	9.09E-05	0.022806	2.24E-01		0.184462	0.042455	6.72E-05	0.025158	0.252143						
4407	484863.09	3857877.25	5.56356	31.43436	7.69169	12.63647		1.27E-01	0.03349	0.00012	0.0404	0.20097		1.68E-01	0.044289	9.41E-05	0.025082	2.37E-01		0.19453	0.044767	6.96E-05	0.02767	0.267036						
4408	485363.09	3857877.25	6.16539	34.59836	8.2627	14.1126		1.41E-01	0.03686	0.00012	0.04512	0.2228		1.86E-01	0.048747	0.000101	0.028012	2.63E-01		0.215573	0.049273	7.48E-05	0.030902	0.295822						
4409	485863.09	3857877.25	7.58788	44.55446	10.22198	16.18623		1.73E-01	0.04747	0.00015	0.05175	0.27253		2.29E-01	0.062774	0.000125	0.032128	3.24E-01		0.26531	0.063452	9.25E-05	0.035442	0.364297						
4410	486363.09	3857877.25	10.2514	50.05535	13.70333	19.46523		2.34E-01	0.05333	0.00021	0.06223	0.34971		3.09E-01	0.070525	0.000168	0.038636	4.19E-01		0.35844	0.071286	0.000124	0.042622	0.472472						
4411	486863.09	3857877.25	15.70271	67.07464	20.9014	47.97864		3.58E-01	0.07146	0.00032	0.15339	0.58351		4.74E-01	0.094504	0.000256	0.095233	6.64E-01		0.549044	0.095524	0.000189	0.105057	0.749815						
4412	487363.09	3857877.25	34.42071	116.6871	38.31902	80.7999		7.86E-01	0.12431	0.00058	0.25832	1.16872		1.04E+00	0.164405	0.000469	0.160379	1.36E+00		1.203518	0.16618	0.000347	0.176925	1.546969						
4413	487863.09	3857877.25	40.55618	95.61505	43.51889	125.5455		9.26E-01	0.10186	0.00066	0.40137	1.42942		1.22E+00	0.134716	0.000533	0.249195	1.61E+00		1.418045	0.13617	0.000394	0.274903	1.829511						
4414	488363.09	3857877.25	20.33462	62.83891	35.82432	50.909		4.64E-01	0.06695	0.00054	0.16276	0.69429		6.14E-01	0.088536	0.000438	0.101049	8.04E-01		0.710999	0.089492	0.000324	0.111474	0.912288						
4415	488863.09	3857877.25	17.2676	45.11405	24.30591	31.78739		3.94E-01	0.04806	0.00037	0.10163	0.54411		5.21E-01	0.063563	0.000297	0.063095	6.48E-01		0.603761	0.064249	0.00022	0.069604	0.737833						
4416	489363.09	3857877.25	13.59384	37.42734	18.47807	22.13227		3.10E-01	0.03987	0.00028	0.07076	0.42113		4.10E-01	0.052733	0.000226	0.04393	5.07E-01		0.475308	0.053302	0.000167	0.048462	0.577239						
4417	489863.09	3857877.25	10.61666	29.90237	14.8564	17.26559		2.42E-01	0.03186	0.00022	0.0552	0.32956		3.20E-01	0.042131	0.000182	0.03427	3.97E-01		0.371211	0.042585	0.000134	0.037806	0.451737						
4418	490363.09	3857877.25	9.34298	24.5541	12.82701	14.33164		2.13E-01	0.02616	0.00019	0.04582	0.28538		2.82E-01	0.034595	0.000157	0.028447	3.45E-01		0.326677	0.034969	0.000116	0.031382	0.393143						
4419	490863.09	3857877.25	8.24607	21.77412	11.06224	12.42822		1.88E-01	0.0232	0.00017	0.03973	0.25128		2.49E-01	0.030678	0.000135	0.024669	3.04E-01		0.288323	0.03101	0.0001	0.027214	0.346647						
4420	491363.09	3857877.25	7.99316	23.13774	10.88931	9.51517		1.82E-01	0.02465	0.00016	0.03042	0.23764		2.41E-01	0.0326	0.000133	0.018887	2.93E-01		0.27948	0.032952	9.85E-05	0.020835	0.333365						
4421	491863.09	3857877.25	7.86419	22.93964	10.76296	6.2738		1.79E-01	0.02444	0.00016	0.02006	0.22413		2.37E-01	0.03232	0.000132	0.012453	2.82E-01		0.274971	0.032669	9.74E-05	0.013738	0.321475						
4422	492363.09	3857877.25	5.23747	8.70307	6.50204	5.50989		1.20E-01	0.00927	9.8E-05	0.01762	0.14651		1.58E-01	0.012262	7.96E-05	0.010937	1.81E-01		0.183128	0.012394	5.88E-05	0.012065	0.207646						
4423	492863.09	3857877.25	3.71624	4.08818	5.62732	2.76544		8.48E-02	0.00436	8.5E-05	0.00884	0.09809		1.12E-01	0.00576	6.89E-05	0.005489	1.23E-01		0.129938	0.005822	5.09E-05	0.006055	0.141867						
4424	493363.09	3857877.25	2.07804	3.90079	2.96957	2.78787		4.74E-02	0.00416	4.5E-05	0.00891	0.06054		6.27E-02	0.005496	3.63E-05	0.005534	7.38E-02		0.072659	0.005555	2.69E-05	0.006105	0.084345						
4425	493863.09	3857877.25	2.00728	3.68872	2.84828	2.80133		4.58E-02	0.00393	4.3E-05	0.00896	0.05874		6.06E-02	0.005197	3.49E-05	0.00556	7.14E-02		0.070184	0.005253	2.58E-05	0.006134	0.081597						
4426	494363.09	3857877.25	2.0078	2.96136	2.82659	2.79781		4.58E-02	0.00315	4.3E-05	0.00894	0.05796		6.06E-02	0.004172	3.46E-05	0.005553	7.04E-02		0.070203	0.004217	2.56E-05	0.006126	0.080572						
4427	494863.09	3857877.25	2.00119	1.95999	2.79338	2.76383		4.57E-02	0.00209	4.2E-05	0.00884	0.05663		6.04E-02	0.002762	3.42E-05	0.005486	6.87E-02		0.069971	0.002791	2.53E-05	0.006052	0.07884						
4428	495363.09	3857877.25	1.98719	1.51617	2.74261	2.68715		4.53E-02	0.00162	4.1E-05	0.00859	0.0556		6.00E-02	0.002136	3.36E-05	0.005334	6.75E-02		0.069482	0.002159	2.48E-05	0.005884	0.07755						
4429	495863.09	3857877.25	1.9641	1.44617	2.66617	2.55916		4.48E-02	0.00154	4E-05	0.00818	0.05458		5.93E-02	0.002038	3.26E-05	0.00508	6.64E-02		0.068675	0.00206	2.41E-05	0.005604	0.076362						
4430	496363.09	3857877.25	1.92892	1.53807	2.55649	2.37905		4.40E-02	0.00164	3.9E-05	0.00761	0.0533		5.82E-02	0.002167	3.13E-05	0.004722	6.51E-02		0.067445	0.00219	2.31E-05	0.005209	0.074867						
4431	496863.09	3857877.25	1.87846	1.62291	2.40921	2.15352		4.29E-02	0.00173	3.6E-05	0.00688	0.05152		5.67E-02	0.002287	2.95E-05	0.004275	6.33E-02		0.06568	0.002311	2.18E-05	0.004715	0.072729						
4432	497363.09	3857877.25	1.81036	1.89188	2.22503	1.89718		4.13E-02	0.00202	3.4E-05	0.00607	0.04943		5.46E-02	0.002666	2.72E-05	0.003766	6.11E-02		0.063299	0.002694	2.01E-05	0.004154	0.070168						
4433	497863.09	3857877.25	1.85486	2.60432	2.07968	2.21329		4.23E-02	0.00277	3.1E-05	0.00708	0.05221		5.60E-02	0.003669	2.55E-05	0.004393	6.41E-02		0.064855	0.003709	1.88E-05	0.004846	0.073429						
4434	498363.09	3857877.25	3.12718	4.41756	3.51729	2.18646		7.14E-02	0.00471	5.3E-05	0.00699	0.08311		9.44E-02	0.006224	4.3E-05	0.00434	1.05E-01		0.109342	0.006291	3.18E-05	0.004788	0.120452						
4435	471363.09	3858377.25	2.76837	5.6652	3.74051	2.67556		6.32E-02	0.00604	5.6E-05	0.00855	0.07782		8.36E-02	0.007982	4.58E-05	0.005311	9.69E-02		0.096796	0.008068	3.38E-05	0.005859	0.110756						
4436	471863.09	3858377.25	2.77339	6.06917	3.76569	2.5783		6.33E-02	0.00647	5.7E-05	0.00824	0.07806		8.37E-02	0.008551	4.61E-05	0.005118	9.74E-02		0.096971	0.008643	3.41E-05	0.005646	0.111294						
4437	472363.09	3858377.25	2.77921	6.93015	3.79086	2.48473		6.34E-02	0.00738	5.7E-05	0.00794	0.07881		8.39E-02	0.009764	4.64E-05	0.004932	9.86E-02		0.097175	0.00987	3.43E-05	0.005441	0.112519						
4438	472863.09	3858377.25	2.8866	7.03674	3.93924	2.60207		6.59E-02	0.0075	5.9E-05	0.00832	0.08175		8.71E-02	0.009914	4.82E-05	0.005165	1.02E-01		0.10093	0.010021	3.56E-05	0.005698	0.116684						
4439	473363.09	3858377.25	3.12349	6.36005	4.2288	3.12806		7.13E-02	0.00678	6.4E-05	0.01	0.08812		9.43E-02	0.008961	5.18E-05	0.006209	1.09E-01		0.109213	0.009058	3.83E-05	0.006849	0.125158						
4440	473863.09	3858377.25	3.05945	7.06376	4.18311	2.80674		6.98E-02	0.00753	6.3E-05	0.00897	0.08638		9.23E-02	0.009952	5.12E-05	0.005571	1.08E-01		0.106973	0.01006	3.78E-05	0.006146	0.123217						
4441	474363.09	3858377.25	2.91386	6.16892	3.92157	2.53549		6.65E-02	0.00657	5.9E-05	0.00811	0.08123		8.79E-02	0.008692	4.8E-05	0.005033	1.02E-01		0.101883	0.008785	3.55E-05	0.005552	0.116256						
4442	474863.09	3858377.25	2.62684	5.2045	3.70795	2.52852		5.99E-02	0.00554	5.6E-05	0.00808	0.07363		7.93E-02	0.007333	4.54E-05	0.005019	9.17E-02		0.091847	0.007412	3.35E-05	0.005537	0.104829						
4443	475363.09	3858377.25	1.60505	2.64716	2.35911	1.9472		3.66E-02	0.00282	3.6E-05	0.00623	0.04571		4.84E-02	0.00373	2.89E-05	0.003865	5.61E-02		0.05612	0.00377	2.13E-05	0.004264	0.064175						
4444	475863.09	3858377.25	1.45501	2.38011	2.03025	2.03774		3.32E-02	0.00254	3.1E-05	0.00651	0.04229		4.39E-02	0.003353	2.48E-05	0.004045	5.13E-02		0.050874	0.00339	1.84E-05	0.004462	0.058744						
4445	476363.09	3858377.25	1.46046	2.68484	2.03816	2.05616		3.33E-02	0.00286	3.1E-05	0.00657	0.04279		4.41E-02	0.003783	2.49E-05	0.004081	5.20E-02		0.051065	0.003824	1.84E-05	0.004502	0.059409						
4446	476863.09	3858377.25	1.46608	2.5598	2.04592	2.04779		3.35E-02	0.00273	3.1E-05	0.00655	0.04276		4.42E-02	0.003607	2.5E-05	0.004065	5.19E-02		0.051261	0.003646	1.85E-05	0.004484	0.059409						
4447	477363.09	3858377.25	1.47177	2.54134	2.05373	2.03236		3.36E-02	0.00271	3.1E-05	0.0065	0.04282		4.44E-02	0.003581	2.51E-05	0.004034	5.21E-02		0.05146	0.003619	1.86E-05	0.00445	0.059548						
4448	477863.09	3858377.25	1.57042	3.47681	2.27648	2.01689		3.58E-02	0.0037	3.4E-05	0.00645	0.04602		4.74E-02	0.004899	2.79E-05	0.004003	5.63E-02		0.05491	0.004951	2.06E-05	0.004416	0.064298						
4449	478363.09	3858377.25	1.62851	3.50275	2.39193	2.00075		3.72E-02	0.00373	3.6E-05	0.0064	0.04733		4.91E-02	0.004935	2.93E-05	0.003971	5.81E-02		0.056941	0.004988	2.16E-05	0.004381	0.066332						

4450	478863.09	3858377.25	1.48908	3.11982	2.07759	1.98487	3.40E-02	0.00332	3.1E-05	0.00635	0.04368	4.49E-02	0.004396	2.54E-05	0.00394	5.33E-02	0.052066	0.004443	1.88E-05	0.004346	0.060874
4451	479363.09	3858377.25	3.00411	7.02604	4.19581	2.40764	6.86E-02	0.00749	6.3E-05	0.0077	0.0838	9.07E-02	0.009899	5.14E-05	0.004779	1.05E-01	0.105039	0.010006	3.8E-05	0.005272	0.120355
4452	479863.09	3858377.25	3.81685	11.80824	5.21805	3.94276	8.71E-02	0.01258	7.9E-05	0.01261	0.11237	1.15E-01	0.016637	6.39E-05	0.007826	1.40E-01	0.133456	0.016817	4.72E-05	0.008633	0.158953
4453	480363.09	3858377.25	4.14977	14.30226	5.6355	4.6356	9.47E-02	0.01524	8.5E-05	0.01482	0.12484	1.25E-01	0.020151	6.9E-05	0.009201	1.55E-01	0.145096	0.020369	5.1E-05	0.01015	0.175666
4454	480863.09	3858377.25	4.21051	17.17313	5.79809	4.75104	9.61E-02	0.0183	8.7E-05	0.01519	0.12966	1.27E-01	0.024196	7.1E-05	0.00943	1.61E-01	0.14722	0.024457	5.25E-05	0.010403	0.182133
4455	481363.09	3858377.25	4.2681	18.66814	5.70976	5.07262	9.74E-02	0.01989	8.6E-05	0.01622	0.13359	1.29E-01	0.026302	6.99E-05	0.010069	1.65E-01	0.149234	0.026586	5.17E-05	0.011107	0.186979
4456	481863.09	3858377.25	4.41888	19.09334	6.00495	5.15974	1.01E-01	0.02034	9E-05	0.0165	0.13777	1.33E-01	0.026901	7.35E-05	0.010242	1.71E-01	0.154506	0.027192	5.43E-05	0.011298	0.19305
4457	482363.09	3858377.25	4.45865	16.31858	6.0816	5.69011	1.02E-01	0.01738	9.2E-05	0.01819	0.13742	1.35E-01	0.022992	7.44E-05	0.011294	1.69E-01	0.155896	0.02324	5.5E-05	0.012459	0.191651
4458	482863.09	3858377.25	4.53792	17.92168	6.2946	7.67964	1.04E-01	0.01909	9.5E-05	0.02455	0.1473	1.37E-01	0.025251	7.7E-05	0.015243	1.78E-01	0.158668	0.025523	5.69E-05	0.016816	0.201064
4459	483363.09	3858377.25	4.17223	18.24814	5.78331	8.70731	9.52E-02	0.01944	8.7E-05	0.02784	0.14258	1.26E-01	0.02571	7.08E-05	0.017283	1.69E-01	0.145882	0.025988	5.23E-05	0.019066	0.190988
4460	483863.09	3858377.25	4.19869	19.00491	5.82113	9.11339	9.58E-02	0.02025	8.8E-05	0.02914	0.14529	1.27E-01	0.026777	7.12E-05	0.018089	1.72E-01	0.146807	0.027066	5.27E-05	0.019955	0.193881
4461	484363.09	3858377.25	4.67546	23.45885	6.41071	9.60393	1.07E-01	0.02499	9.7E-05	0.0307	0.16249	1.41E-01	0.033052	7.85E-05	0.019063	1.93E-01	0.163477	0.033409	5.8E-05	0.021029	0.217973
4462	484863.09	3858377.25	4.88079	25.43087	6.72434	10.0257	1.11E-01	0.02709	0.0001	0.03205	0.17063	1.47E-01	0.03583	8.23E-05	0.0199	2.03E-01	0.170657	0.036217	6.08E-05	0.021953	0.228888
4463	485363.09	3858377.25	5.2176	28.71058	6.96761	10.3681	1.19E-01	0.03059	0.00011	0.03315	0.18291	1.57E-01	0.040451	8.53E-05	0.02058	2.19E-01	0.182433	0.040888	6.3E-05	0.022703	0.246087
4464	485863.09	3858377.25	6.21742	31.608	8.32095	11.57222	1.42E-01	0.03367	0.00013	0.037	0.21268	1.88E-01	0.044534	0.000102	0.02297	2.55E-01	0.217392	0.045014	7.53E-05	0.025339	0.287821
4465	486363.09	3858377.25	7.62201	39.50029	10.26976	15.20033	1.74E-01	0.04208	0.00015	0.0486	0.26477	2.30E-01	0.055653	0.000126	0.030171	3.16E-01	0.266503	0.056254	9.29E-05	0.033284	0.356134
4466	486863.09	3858377.25	10.49477	44.68377	13.98135	25.6459	2.39E-01	0.0476	0.00021	0.08199	0.3693	3.17E-01	0.062957	0.000171	0.050904	4.31E-01	0.366949	0.063636	0.000126	0.056156	0.486868
4467	487363.09	3858377.25	14.48285	53.06935	19.46951	45.41217	3.31E-01	0.05654	0.00029	0.14518	0.53252	4.37E-01	0.074771	0.000238	0.090138	6.02E-01	0.506392	0.075579	0.000176	0.099437	0.681584
4468	487863.09	3858377.25	27.3513	86.16791	28.39959	69.47433	6.24E-01	0.0918	0.00043	0.22211	0.93852	8.25E-01	0.121405	0.000348	0.137899	1.09E+00	0.956337	0.122716	0.000257	0.152126	1.231435
4469	488363.09	3858377.25	28.40944	54.63767	30.14607	89.20722	6.48E-01	0.05821	0.00045	0.2852	0.99219	8.57E-01	0.076981	0.000369	0.177067	1.11E+00	0.993334	0.077812	0.000273	0.195334	1.266753
4470	488863.09	3858377.25	18.48741	42.69649	28.50394	51.53181	4.22E-01	0.04549	0.00043	0.16475	0.63256	5.58E-01	0.060157	0.000349	0.102285	7.21E-01	0.646411	0.060806	0.000258	0.112837	0.820313
4471	489363.09	3858377.25	15.62942	35.06652	24.77707	34.38838	3.57E-01	0.03736	0.00037	0.10994	0.50435	4.72E-01	0.049407	0.000303	0.068257	5.90E-01	0.546482	0.04994	0.000224	0.075299	0.671945
4472	489863.09	3858377.25	13.11092	28.01518	19.19727	25.00667	2.99E-01	0.02985	0.00029	0.07995	0.40928	3.96E-01	0.039472	0.000235	0.049636	4.85E-01	0.458423	0.039898	0.000174	0.054756	0.55325
4473	490363.09	3858377.25	11.22986	24.48554	15.55167	18.51094	2.56E-01	0.02609	0.00023	0.05918	0.34177	3.39E-01	0.034499	0.00019	0.036742	4.10E-01	0.392651	0.034871	0.000141	0.040533	0.468196
4474	490863.09	3858377.25	9.12968	21.9869	12.54575	15.23318	2.08E-01	0.02342	0.00019	0.0487	0.28066	2.76E-01	0.030978	0.000154	0.030236	3.37E-01	0.319219	0.031313	0.000113	0.033356	0.384
4475	491363.09	3858377.25	8.77202	18.7926	12.27041	10.9644	2.00E-01	0.02002	0.00018	0.03505	0.25544	2.65E-01	0.026478	0.00015	0.021763	3.13E-01	0.306713	0.026763	0.000111	0.024008	0.357596
4476	491863.09	3858377.25	8.22452	18.55377	11.43625	5.22011	1.88E-01	0.01977	0.00017	0.01669	0.22432	2.48E-01	0.026141	0.00014	0.010361	2.85E-01	0.28757	0.026423	0.000103	0.01143	0.325527
4477	492363.09	3858377.25	3.6034	9.24362	4.38619	2.8336	8.22E-02	0.00985	6.6E-05	0.00906	0.10121	1.09E-01	0.013024	5.37E-05	0.005624	1.27E-01	0.125993	0.013164	3.97E-05	0.006205	0.145401
4478	492863.09	3858377.25	4.63156	8.63746	5.89587	5.27229	1.06E-01	0.0092	8.9E-05	0.01686	0.13184	1.40E-01	0.01217	7.22E-05	0.010465	1.62E-01	0.161942	0.012301	5.33E-05	0.011545	0.185841
4479	493363.09	3858377.25	3.24597	7.27554	4.1125	2.89921	7.41E-02	0.00775	6.2E-05	0.00927	0.09116	9.80E-02	0.010251	5.03E-05	0.005755	1.14E-01	0.113495	0.010361	3.72E-05	0.006348	0.130242
4480	493863.09	3858377.25	3.27223	5.71539	4.65238	2.68374	7.47E-02	0.00609	7E-05	0.00858	0.08941	9.88E-02	0.008053	5.69E-05	0.005327	1.12E-01	0.114413	0.00814	4.21E-05	0.005876	0.128471
4481	494363.09	3858377.25	3.09747	4.25531	4.69491	2.70945	7.07E-02	0.00453	7.1E-05	0.00866	0.08395	9.35E-02	0.005995	5.75E-05	0.005378	1.05E-01	0.108303	0.00606	4.25E-05	0.005933	0.120338
4482	494863.09	3858377.25	2.19268	2.36798	3.23769	2.73471	5.00E-02	0.00252	4.9E-05	0.00874	0.06135	6.62E-02	0.003336	3.96E-05	0.005428	7.50E-02	0.076667	0.003372	2.93E-05	0.005988	0.086057
4483	495363.09	3858377.25	1.85424	2.50468	2.69319	2.75681	4.23E-02	0.00267	4.1E-05	0.00881	0.05384	5.60E-02	0.003529	3.3E-05	0.005472	6.50E-02	0.064833	0.003567	2.44E-05	0.006036	0.074461
4484	495863.09	3858377.25	1.8906	2.60743	2.72439	2.77006	4.31E-02	0.00278	4.1E-05	0.00886	0.05482	5.71E-02	0.003674	3.33E-05	0.005498	6.63E-02	0.066105	0.003713	2.46E-05	0.006066	0.075908
4485	496363.09	3858377.25	1.91136	2.66974	2.73009	2.77151	4.36E-02	0.00284	4.1E-05	0.00886	0.05536	5.77E-02	0.003761	3.34E-05	0.005501	6.70E-02	0.066831	0.003802	2.47E-05	0.006069	0.076726
4486	496863.09	3858377.25	2.06476	2.7008	2.76612	2.74974	4.71E-02	0.00288	4.2E-05	0.00879	0.05883	6.23E-02	0.003805	3.39E-05	0.005458	7.16E-02	0.072194	0.003846	2.5E-05	0.006021	0.082087
4487	497363.09	3858377.25	2.26147	2.70029	3.02598	2.69781	5.16E-02	0.00288	4.6E-05	0.00862	0.06316	6.83E-02	0.003805	3.7E-05	0.005355	7.74E-02	0.079072	0.003846	2.74E-05	0.005907	0.088852
4488	497863.09	3858377.25	3.66341	2.8725	5.1889	2.60755	8.36E-02	0.00306	7.8E-05	0.00834	0.09508	1.11E-01	0.004047	6.35E-05	0.005176	1.20E-01	0.128091	0.004091	4.69E-05	0.00571	0.137938
4489	498363.09	3858377.25	3.79021	4.47256	5.12264	2.47582	8.65E-02	0.00476	7.7E-05	0.00792	0.09925	1.14E-01	0.006302	6.27E-05	0.004914	1.26E-01	0.132524	0.00637	4.63E-05	0.005421	0.144362
4490	471363.09	3858877.25	2.68622	6.25185	3.65431	2.72142	6.13E-02	0.00666	5.5E-05	0.0087	0.07672	8.11E-02	0.008808	4.47E-05	0.005402	9.53E-02	0.093924	0.008904	3.31E-05	0.005959	0.108819
4491	471863.09	3858877.25	2.79363	5.4793	3.66959	2.58979	6.38E-02	0.00584	5.5E-05	0.00828	0.07793	8.43E-02	0.00772	4.49E-05	0.00514	9.72E-02	0.097679	0.007803	3.32E-05	0.005671	0.111186
4492	472363.09	3858877.25	2.86968	6.07053	3.77194	2.8636	6.55E-02	0.00647	5.7E-05	0.00916	0.08117	8.66E-02	0.008553	4.62E-05	0.005684	1.01E-01	0.100338	0.008645	3.41E-05	0.00627	0.115288
4493	472863.09	3858877.25	2.90641	5.92643	3.92175	3.08772	6.63E-02	0.00631	5.9E-05	0.00987	0.08257	8.77E-02	0.00835	4.8E-05	0.006129	1.02E-01	0.101622	0.00844	3.55E-05	0.006761	0.116859
4494	473363.09	3858877.25	2.94192	6.28093	4.05607	3.62417	6.71E-02	0.00669	6.1E-05	0.01159	0.08548	8.88E-02	0.008849	4.96E-05	0.007194	1.05E-01	0.102864	0.008945	3.67E-05	0.007936	0.119781
4495	473863.09	3858877.25	2.93042	7.02109	4.07554	3.93993	6.69E-02	0.00748	6.1E-05	0.0126	0.08701	8.84E-02	0.009892	4.99E-05	0.00782	1.06E-01	0.102462	0.009999	3.69E-05	0.008627	0.121125
4496	474363.09	3858877.25	2.90384	6.92936	4.04997	2.50175	6.63E-02	0.00738	6.1E-05	0.008	0.08171	8.76E-02	0.009763	4.96E-05	0.004966	1.02E-01	0.101533	0.009868	3.66E-05	0.005478	0.116916
4497	474863.09	3858877.25	1.60149	3.02189	2.35328	2.04738	3.65E-02	0.00322	3.5E-05	0.00655	0.04635	4.83E-02	0.004258	2.88E-05	0.004064	5.67E-02	0.055996	0.004304	2.13E-05	0.004483	0.064804
4498	475363.09	3858877.25	1.4431	2.4651	2.01417	2.03937	3.29E-02	0.00263	3E-05	0.00652	0.04211	4.36E-02	0.003473	2.47E-05	0.004048	5.11E-02	0.050458	0.003511	1.82E-05	0.004466	0.058452
4499	475863.09	3858877.25	1.44858	2.80733	2.02177	2.02466	3.31E-02	0.00299	3E-05	0.00647	0.04255	4.37E-02	0.003955	2.47E-05	0.004019	5.17E-02	0.05065	0.003998	1.83E-05	0.004433	0.059099
4500	476363.09	3858877.25	1.45405	2.07041	2.02942	2.00921	3.32E-02	0.00221	3.1E-05	0.00642	0.04184	4.39E-02	0.002917	2.48E-05	0.003988	5.08E-02	0.050841	0.002949	1.84E-05	0.004399	0.058207
4501	476863.09	3858877.25	1.45938	1.62936	2.03711	1.99293	3.33E-02	0.00174	3.1E-05	0.00637	0.04144	4.40E-02	0.002296	2.49E-05	0.003956	5.03E-02	0.051027	0.00232	1.84E-05	0.004364	0.05773
4502	477363.09	3858877.25	1.46423	1.71331	2.04482	1.97702	3.34E-02	0.00183	3.1E-05	0.00632	0.04159	4.42E-02	0.002414	2.5E-05	0.003924	5.06E-02	0.051197	0.00244	1.85E-05	0.004329	0.057984
4503	477863.09	3858877.25	1.4676	3.19035	2.05237	1.96108	3.35E-02	0.0034	3.1E-05	0.00627	0.04319	4.43E-02	0.004495	2.51E-05	0.003893	5.27E-02	0.051315	0.004544	1.86E-05	0.004294	0.060171
4504	478363.09	3858877.25	2.39196	4.85363	3.54515	2.35392	5.46E-02	0.00517	5.3E-05	0.00753	0.06734	7.22E-02	0.006838	4.34E-05	0.004672	8.37E-02	0.083635	0.006912	3.21E-05	0.005154	0.095733
4505	478863.09	3858877.25	1.70206	6.34947	2.18654	1.92922	3.88E-02	0.00676	3.3E-05	0.00617	0.05181	5.14E-02	0.008946	2.68E-05	0.003829	6.42E-02	0.059512	0.009043	1.98E-05	0.004224	0.072799
4506	479363.09	3858877.25	1.5126	4.25615	2.08684	1.91347	3.45E-02	0.00453	3.1E-05	0.00612	0.0452	4.57E-02	0.005997	2.55E-05	0.003798	5.55E-02	0.052888	0.006061	1.89E-05	0.00419	0.063158
4507	479863.09	3858877.25	3.68612	11.42166	4.9918	4.02049	8.41E-02	0.01217	7.5E-05	0.01285	0.10922	1.11E-01	0.016092	6.11E-05	0.00798	1.35E-01	0.128885	0.016266	4.52E-05	0.008804	0.154
4508	480363.09	3858877.25	3.66942	11.23791	4.94805	4.612	8.37E-02	0.01197	7.5E-05	0.01474	0.11053	1.11E-01	0.015834	6.06E-05	0.009154	1.36E-01	0.128301	0.016004	4.48E-05	0.010099	0.154449
4509	480863.09	3858877.25	3.66946	11.21356	4.95143	5.01736	8.37E-02	0.01195	7.5E-05	0.01604	0.1118	1.11E-01	0.015799	6.06E-05	0.009959	1.37E-01	0.128302	0.01597	4.48E-05	0.010986	0.155303
4510	481363.09	3858877.25	3.70956	12.00216	5.03514	5.15054	8.47E-02	0.01279	7.6E-05	0.01647	0.11398	1.12E-01	0.01691	6.16E-05	0.010223	1.39E-01	0.129705	0.017093	4.56E-05	0.011278	0.158121

4511	481863.09	3858877.25	3.69304	12.33735	5.13045	5.39344	8.43E-02	0.01314	7.7E-05	0.01724	0.11474	1.11E-01	0.017383	6.28E-05	0.010705	1.40E-01	0.129127	0.01757	4.64E-05	0.01181	0.158553
4512	482363.09	3858877.25	3.83737	14.77726	5.26499	5.45358	8.76E-02	0.01574	7.9E-05	0.01744	0.12083	1.16E-01	0.02082	6.44E-05	0.010825	1.48E-01	0.134173	0.021045	4.76E-05	0.011942	0.167208
4513	482863.09	3858877.25	4.0031	17.01221	5.5523	5.82957	9.14E-02	0.01812	8.4E-05	0.01864	0.1282	1.21E-01	0.023969	6.8E-05	0.011571	1.56E-01	0.139968	0.024228	5.02E-05	0.012765	0.177011
4514	483363.09	3858877.25	3.43255	18.18936	4.76005	7.00598	7.83E-02	0.01938	7.2E-05	0.0224	0.12018	1.04E-01	0.025628	5.83E-05	0.013906	1.43E-01	0.120019	0.025904	4.31E-05	0.015341	0.161307
4515	483863.09	3858877.25	3.74747	18.12054	4.71059	7.31124	8.55E-02	0.0193	7.1E-05	0.02337	0.12827	1.13E-01	0.025531	5.77E-05	0.014512	1.53E-01	0.13103	0.025806	4.26E-05	0.016009	0.172888
4516	484363.09	3858877.25	4.61741	20.23809	6.35127	7.71545	1.05E-01	0.02156	9.6E-05	0.02467	0.1517	1.39E-01	0.028514	7.77E-05	0.015314	1.83E-01	0.161447	0.028822	5.75E-05	0.016894	0.207221
4517	484863.09	3858877.25	4.79815	20.47947	6.61507	8.37539	1.09E-01	0.02182	1E-04	0.02678	0.15819	1.45E-01	0.028854	8.1E-05	0.016624	1.90E-01	0.167767	0.029166	5.98E-05	0.018339	0.215332
4518	485363.09	3858877.25	4.88279	23.29445	6.729	9.2012	1.11E-01	0.02482	0.0001	0.02942	0.16576	1.47E-01	0.03282	8.24E-05	0.018263	1.99E-01	0.170726	0.033175	6.09E-05	0.020148	0.22411
4519	485863.09	3858877.25	5.31277	27.27316	7.15916	10.12477	1.21E-01	0.02906	0.00011	0.03237	0.18277	1.60E-01	0.038426	8.76E-05	0.020097	2.19E-01	0.185761	0.038841	6.48E-05	0.02217	0.246836
4520	486363.09	3858877.25	6.21515	30.20842	8.35577	11.80864	1.42E-01	0.03218	0.00013	0.03775	0.2119	1.88E-01	0.042562	0.000102	0.023439	2.54E-01	0.217312	0.043021	7.56E-05	0.025857	0.286266
4521	486863.09	3858877.25	7.61522	33.65187	10.20635	14.81295	1.74E-01	0.03585	0.00015	0.04736	0.25715	2.30E-01	0.047413	0.000125	0.029402	3.07E-01	0.266266	0.047925	9.23E-05	0.032435	0.346719
4522	487363.09	3858877.25	10.59077	38.45808	14.25424	29.77942	2.42E-01	0.04097	0.00021	0.09521	0.37808	3.20E-01	0.054185	0.000174	0.059109	4.33E-01	0.370306	0.05477	0.000129	0.065207	0.490412
4523	487863.09	3858877.25	14.08089	36.47689	18.69263	43.09256	3.21E-01	0.03886	0.00028	0.13777	0.49825	4.25E-01	0.051394	0.000229	0.085534	5.62E-01	0.492338	0.051948	0.000169	0.094358	0.638813
4524	488363.09	3858877.25	22.56224	37.65302	22.88112	53.46529	5.15E-01	0.04011	0.00034	0.17093	0.72628	6.81E-01	0.053051	0.00028	0.106123	8.40E-01	0.788887	0.053623	0.000207	0.117071	0.959789
4525	488863.09	3858877.25	45.47093	38.99967	23.80605	57.72248	1.04E+00	0.04155	0.00036	0.18454	1.26413	1.37E+00	0.054948	0.000291	0.114573	1.54E+00	1.589888	0.055541	0.000215	0.126393	1.772038
4526	489363.09	3858877.25	16.76201	33.7483	22.89499	43.24873	3.83E-01	0.03595	0.00035	0.13827	0.55709	5.06E-01	0.047549	0.00028	0.085844	6.40E-01	0.586083	0.048063	0.000207	0.0947	0.729053
4527	489863.09	3858877.25	12.94578	29.96635	18.407	34.52229	2.95E-01	0.03192	0.00028	0.11037	0.438	3.91E-01	0.042221	0.000225	0.068523	5.02E-01	0.452648	0.042676	0.000167	0.075592	0.571084
4528	490363.09	3858877.25	13.01903	24.53197	19.25523	25.86164	2.97E-01	0.02613	0.00029	0.08268	0.40621	3.93E-01	0.034564	0.000236	0.051333	4.79E-01	0.45521	0.034937	0.000174	0.056628	0.546949
4529	490863.09	3858877.25	11.12456	19.73092	16.14434	18.6951	2.54E-01	0.02102	0.00024	0.05977	0.3349	3.36E-01	0.0278	0.000198	0.037108	4.01E-01	0.38897	0.0281	0.000146	0.040936	0.458151
4530	491363.09	3858877.25	12.41926	21.51976	16.70037	10.04283	2.83E-01	0.02293	0.00025	0.03211	0.3387	3.75E-01	0.03032	0.000204	0.019934	4.25E-01	0.434239	0.030647	0.000151	0.02199	0.487028
4531	491863.09	3858877.25	8.09095	9.45458	10.31276	3.38054	1.85E-01	0.01007	0.00016	0.01081	0.20568	2.44E-01	0.013321	0.000126	0.00671	2.64E-01	0.2829	0.013465	9.33E-05	0.007402	0.30386
4532	492363.09	3858877.25	8.67099	14.82739	11.02761	4.64873	1.98E-01	0.0158	0.00017	0.01486	0.2287	2.62E-01	0.020891	0.000135	0.009227	2.92E-01	0.303181	0.021116	9.98E-05	0.010179	0.334576
4533	492863.09	3858877.25	7.77439	16.5681	10.80675	6.33036	1.77E-01	0.01765	0.00016	0.02024	0.21547	2.35E-01	0.023343	0.000132	0.012565	2.71E-01	0.271831	0.023595	9.78E-05	0.013861	0.309386
4534	493363.09	3858877.25	7.06963	13.20851	9.75324	4.9208	1.61E-01	0.01407	0.00015	0.01573	0.19129	2.13E-01	0.01861	0.000119	0.009767	2.42E-01	0.247189	0.018811	8.82E-05	0.010775	0.276863
4535	493863.09	3858877.25	5.30914	9.84551	7.03728	4.78331	1.21E-01	0.01049	0.00011	0.01529	0.14705	1.60E-01	0.013872	8.61E-05	0.009494	1.84E-01	0.185634	0.014021	6.37E-05	0.010474	0.210193
4536	494363.09	3858877.25	4.60328	7.29475	5.73048	4.9882	1.05E-01	0.00777	8.6E-05	0.01595	0.12886	1.39E-01	0.010278	7.01E-05	0.009901	1.59E-01	0.160953	0.010389	5.18E-05	0.010922	0.182317
4537	494863.09	3858877.25	3.53626	7.25662	4.31822	2.85798	8.07E-02	0.00773	6.5E-05	0.00914	0.09763	1.07E-01	0.010224	5.29E-05	0.005673	1.23E-01	0.123645	0.010334	3.91E-05	0.006258	0.140277
4538	495363.09	3858877.25	2.74419	6.97057	3.30185	2.88317	6.26E-02	0.00743	5E-05	0.00922	0.07932	8.28E-02	0.009821	4.04E-05	0.005723	9.84E-02	0.09595	0.009927	2.99E-05	0.006313	0.112221
4539	495863.09	3858877.25	2.89418	6.27506	3.73543	2.64285	6.60E-02	0.00669	5.6E-05	0.00845	0.08124	8.73E-02	0.008841	4.57E-05	0.005246	1.01E-01	0.101195	0.008937	3.38E-05	0.005787	0.115952
4540	496363.09	3858877.25	3.10325	5.36885	4.22705	2.67375	7.08E-02	0.00572	6.4E-05	0.00855	0.08515	9.37E-02	0.007564	5.17E-05	0.005307	1.07E-01	0.108505	0.007646	3.82E-05	0.005855	0.122044
4541	496863.09	3858877.25	3.27533	4.42939	4.60562	2.70111	7.47E-02	0.00472	6.9E-05	0.00864	0.08817	9.89E-02	0.006241	5.64E-05	0.005361	1.11E-01	0.114522	0.006308	4.17E-05	0.005915	0.126786
4542	497363.09	3858877.25	3.41327	3.64444	4.87763	2.72345	7.79E-02	0.00388	7.4E-05	0.00871	0.09056	1.03E-01	0.005135	5.97E-05	0.005406	1.14E-01	0.119345	0.00519	4.41E-05	0.005963	0.130543
4543	497863.09	3858877.25	3.55186	4.99498	5.08438	5.48259	8.11E-02	0.00532	7.7E-05	0.01753	0.10398	1.07E-01	0.007038	6.22E-05	0.010882	1.25E-01	0.124191	0.007114	4.6E-05	0.012005	0.143355
4544	498363.09	3858877.25	3.86099	6.62219	5.22546	5.53223	8.81E-02	0.00705	7.9E-05	0.01769	0.11293	1.17E-01	0.00933	6.4E-05	0.010981	1.37E-01	0.134999	0.009431	4.73E-05	0.012114	0.156591
4545	471363.09	3859377.25	2.85286	5.10148	3.86837	3.26908	6.51E-02	0.00543	5.8E-05	0.01045	0.08105	8.61E-02	0.007188	4.73E-05	0.006489	9.98E-02	0.09975	0.007265	3.5E-05	0.007158	0.114209
4546	471863.09	3859377.25	2.86886	5.4139	3.96144	3.69733	6.55E-02	0.00577	6E-05	0.01182	0.08312	8.66E-02	0.007628	4.85E-05	0.007339	1.02E-01	0.10031	0.00771	3.58E-05	0.008096	0.116151
4547	472363.09	3859377.25	2.89049	5.95302	4.01935	3.96394	6.60E-02	0.00634	6.1E-05	0.01267	0.08504	8.72E-02	0.008387	4.92E-05	0.007868	1.04E-01	0.101066	0.008478	3.64E-05	0.00868	0.11826
4548	472863.09	3859377.25	2.90564	6.05053	4.04776	4.08366	6.63E-02	0.00645	6.1E-05	0.01306	0.08587	8.77E-02	0.008525	4.95E-05	0.008106	1.04E-01	0.101596	0.008617	3.66E-05	0.008942	0.119191
4549	473363.09	3859377.25	2.92809	6.72589	4.08052	4.11884	6.68E-02	0.00717	6.1E-05	0.01317	0.08722	8.84E-02	0.009476	4.99E-05	0.008175	1.06E-01	0.102381	0.009579	3.69E-05	0.009019	0.121015
4550	473863.09	3859377.25	2.93063	6.78221	4.08672	4.09821	6.69E-02	0.00723	6.2E-05	0.0131	0.08727	8.84E-02	0.009556	5E-05	0.008135	1.06E-01	0.102469	0.009659	3.7E-05	0.008974	0.121139
4551	474363.09	3859377.25	2.89351	6.4425	4.03923	2.51545	6.60E-02	0.00686	6.1E-05	0.00804	0.081	8.73E-02	0.009077	4.94E-05	0.004993	1.01E-01	0.101171	0.009175	3.65E-05	0.005508	0.115891
4552	474863.09	3859377.25	2.31351	4.60807	3.20482	2.39307	5.28E-02	0.00491	4.8E-05	0.00765	0.0654	6.98E-02	0.006492	3.92E-05	0.00475	8.11E-02	0.080892	0.006563	2.9E-05	0.00524	0.092723
4553	475363.09	3859377.25	1.43501	2.59331	2.00534	1.98497	3.27E-02	0.00276	3E-05	0.00635	0.04189	4.33E-02	0.003654	2.45E-05	0.00394	5.09E-02	0.050175	0.003693	1.81E-05	0.004346	0.058233
4554	475863.09	3859377.25	1.43754	2.88274	2.01233	1.96913	3.28E-02	0.00307	3E-05	0.0063	0.0422	4.34E-02	0.004062	2.46E-05	0.003909	5.14E-02	0.050264	0.004105	1.82E-05	0.004312	0.058699
4555	476363.09	3859377.25	1.43619	1.58414	2.01792	1.95324	3.28E-02	0.00169	3E-05	0.00624	0.04074	4.33E-02	0.002232	2.47E-05	0.003877	4.95E-02	0.050216	0.002256	1.83E-05	0.004277	0.056768
4556	476863.09	3859377.25	1.42681	1.77213	2.01886	1.93732	3.26E-02	0.00189	3E-05	0.00619	0.04067	4.31E-02	0.002497	2.47E-05	0.003845	4.94E-02	0.049888	0.002524	1.83E-05	0.004242	0.056672
4557	477363.09	3859377.25	1.40268	1.90395	2.00632	1.92138	3.20E-02	0.00203	3E-05	0.00614	0.04021	4.23E-02	0.002683	2.46E-05	0.003814	4.89E-02	0.049045	0.002712	1.82E-05	0.004207	0.055981
4558	477863.09	3859377.25	1.35527	2.67534	1.95984	1.90574	3.09E-02	0.00285	3E-05	0.00609	0.0399	4.09E-02	0.003769	2.4E-05	0.003783	4.85E-02	0.047387	0.00381	1.77E-05	0.004173	0.055388
4559	478363.09	3859377.25	1.74153	5.3432	2.03326	1.88955	3.97E-02	0.00569	3.1E-05	0.00604	0.05151	5.26E-02	0.007528	2.49E-05	0.003751	6.39E-02	0.060892	0.007609	1.84E-05	0.004137	0.072658
4560	478863.09	3859377.25	2.3853	8.43294	3.3505	2.193	5.44E-02	0.00898	5E-05	0.00701	0.07048	7.20E-02	0.011881	4.1E-05	0.004353	8.83E-02	0.083402	0.01201	3.03E-05	0.004802	0.100244
4561	479363.09	3859377.25	3.09492	10.60749	4.31176	3.72219	7.06E-02	0.0113	6.5E-05	0.0119	0.09389	9.34E-02	0.014945	5.28E-05	0.007388	1.16E-01	0.108214	0.015107	3.9E-05	0.00815	0.13151
4562	479863.09	3859377.25	3.47076	11.95562	4.69257	3.72039	7.92E-02	0.01274	7.1E-05	0.01189	0.10391	1.05E-01	0.016845	5.74E-05	0.007385	1.29E-01	0.121355	0.017027	4.25E-05	0.008146	0.14657
4563	480363.09	3859377.25	3.32745	10.89989	4.51644	4.31614	7.59E-02	0.01161	6.8E-05	0.0138	0.10141	1.00E-01	0.015357	5.53E-05	0.008567	1.24E-01	0.116344	0.015523	4.09E-05	0.009451	0.141359
4564	480863.09	3859377.25	3.17888	10.61044	4.27484	4.79328	7.25E-02	0.0113	6.4E-05	0.01532	0.09924	9.59E-02	0.014949	5.23E-05	0.009514	1.20E-01	0.111149	0.015111	3.87E-05	0.010496	0.136795
4565	481363.09	3859377.25	3.25294	11.65888	4.45468	5.06762	7.42E-02	0.01242	6.7E-05	0.0162	0.10292	9.82E-02	0.016427	5.45E-05	0.010059	1.25E-01	0.113739	0.016604	4.03E-05	0.011096	0.14148
4566	481863.09	3859377.25	3.32309	13.66498	4.59367	5.24946	7.58E-02	0.01456	6.9E-05	0.01678	0.10725	1.00E-01	0.019253	5.62E-05	0.01042	1.30E-01	0.116192	0.019461	4.16E-05	0.011495	0.147189
4567	482363.09	3859377.25	3.19941	14.84562	4.37552	5.35849	7.30E-02	0.01582	6.6E-05	0.01713	0.10603	9.66E-02	0.020917	5.36E-05	0.010636	1.28E-01	0.111867	0.021142	3.96E-05	0.011733	0.144782
4568	482863.09	3859377.25	3.21401	15.71274	4.28589	5.70851	7.33E-02	0.01674	6.5E-05	0.01825	0.1084	9.70E-02	0.022138	5.25E-05	0.011331	1.31E-01	0.112378	0.022377	3.88E-05	0.0125	0.147293
4569	483363.09	3859377.25	3.28363	16.98385	4.41761	6.31623	7.49E-02	0.01809	6.7E-05	0.02019	0.11329	9.91E-02	0.023929	5.41E-05	0.012537	1.36E-01	0.114812	0.024187	4E-05	0.01383	0.15287
4570	483863.09	3859377.25	3.84203	14.99281	4.32221	6.61355	8.77E-02	0.01597	6.5E-05	0.02114	0.12486	1.16E-01	0.021124	5.29E-05	0.013127	1.50E-01	0.134336	0.021352	3.91E-05	0.014481	0.170209
4571	484363.09	3859377.25	4.56773	16.49702	6.29595	6.83721	1.04E-01	0.01757	9.5E-05	0.02186	0.14377	1.38E-01	0.023243	7.71E-05	0.013571	1.75E-01	0.15971	0.023494	5.7E-05	0.014971	0.198233

4572	484863.09	3859377.25	4.74617	18.96608	6.5484	8.32421		1.08E-01	0.02021	9.9E-05	0.02661	0.15523		1.43E-01	0.026722	8.01E-05	0.016523	1.87E-01		0.16595	0.02701	5.92E-05	0.018227	0.211247
4573	485363.09	3859377.25	4.81084	20.59456	6.63732	8.30786		1.10E-01	0.02194	0.0001	0.02656	0.15839		1.45E-01	0.029016	8.12E-05	0.01649	1.91E-01		0.168211	0.02933	6E-05	0.018191	0.215792
4574	485863.09	3859377.25	4.70951	22.17323	6.4771	8.98777		1.07E-01	0.02362	9.8E-05	0.02873	0.15993		1.42E-01	0.031241	7.93E-05	0.01784	1.91E-01		0.164668	0.031578	5.86E-05	0.01968	0.215984
4575	486363.09	3859377.25	5.26546	24.15129	7.04662	10.03283		1.20E-01	0.02573	0.00011	0.03208	0.17807		1.59E-01	0.034028	8.62E-05	0.019914	2.13E-01		0.184107	0.034395	6.37E-05	0.021969	0.240534
4576	486863.09	3859377.25	6.1772	27.20124	8.34949	12.48952		1.41E-01	0.02898	0.00013	0.03993	0.21		1.86E-01	0.038325	0.000102	0.02479	2.50E-01		0.215985	0.038739	7.55E-05	0.027348	0.282147
4577	487363.09	3859377.25	7.67727	28.58293	10.27387	15.67408		1.75E-01	0.03045	0.00015	0.05011	0.25592		2.32E-01	0.040272	0.000126	0.031111	3.03E-01		0.268435	0.040706	9.29E-05	0.034321	0.343556
4578	487863.09	3859377.25	10.12399	29.43249	13.63755	30.96403		2.31E-01	0.03136	0.00021	0.09899	0.36159		3.06E-01	0.041469	0.000167	0.06146	4.09E-01		0.353985	0.041916	0.000123	0.067801	0.463825
4579	488363.09	3859377.25	13.53363	42.89263	16.98395	40.22241		3.09E-01	0.0457	0.00026	0.12859	0.48339		4.08E-01	0.060433	0.000208	0.079837	5.49E-01		0.473203	0.061085	0.000154	0.088074	0.622515
4580	488863.09	3859377.25	18.82821	27.93269	18.91745	36.53088		4.30E-01	0.02976	0.00029	0.11679	0.57651		5.68E-01	0.039355	0.000232	0.07251	6.80E-01		0.658327	0.03978	0.000171	0.07999	0.778269
4581	489363.09	3859377.25	23.09301	30.25447	19.40926	42.25162		5.27E-01	0.03223	0.00029	0.13508	0.6946		6.97E-01	0.042627	0.000238	0.083865	8.24E-01		0.807446	0.043087	0.000176	0.092517	0.943225
4582	489863.09	3859377.25	15.69297	26.97979	17.30837	35.1239		3.58E-01	0.02874	0.00026	0.11229	0.49942		4.74E-01	0.038013	0.000212	0.069717	5.82E-01		0.548704	0.038423	0.000157	0.07691	0.664193
4583	490363.09	3859377.25	12.00981	22.8255	16.69781	30.49504		2.74E-01	0.02432	0.00025	0.09749	0.39614		3.62E-01	0.03216	0.000204	0.060529	4.55E-01		0.419922	0.032507	0.000151	0.066774	0.519354
4584	490863.09	3859377.25	11.45711	22.95307	15.3039	24.95438		2.61E-01	0.02445	0.00023	0.07978	0.36592		3.46E-01	0.032339	0.000187	0.049532	4.28E-01		0.400597	0.032689	0.000138	0.054642	0.488066
4585	491363.09	3859377.25	14.32335	21.37634	20.25933	11.13027		3.27E-01	0.02277	0.00031	0.03558	0.38553		4.32E-01	0.030118	0.000248	0.022092	4.85E-01		0.500815	0.030443	0.000183	0.024372	0.555813
4586	491863.09	3859377.25	10.3392	18.31065	14.78465	15.04579		2.36E-01	0.01951	0.00022	0.0481	0.30378		3.12E-01	0.025799	0.000181	0.029864	3.68E-01		0.36151	0.026077	0.000134	0.032945	0.420666
4587	492363.09	3859377.25	9.39761	16.05834	13.14848	11.90436		2.14E-01	0.01711	0.0002	0.03806	0.26983		2.84E-01	0.022625	0.000161	0.023629	3.30E-01		0.328587	0.022869	0.000119	0.026067	0.377642
4588	492863.09	3859377.25	7.79091	14.94559	10.85453	10.94802		1.78E-01	0.01592	0.00016	0.035	0.22888		2.35E-01	0.021057	0.000133	0.021731	2.78E-01		0.272409	0.021285	9.82E-05	0.023973	0.317764
4589	493363.09	3859377.25	7.97519	14.0044	10.73693	8.04417		1.82E-01	0.01492	0.00016	0.02572	0.2228		2.41E-01	0.019731	0.000131	0.015967	2.77E-01		0.278852	0.019944	9.71E-05	0.017614	0.316508
4590	493863.09	3859377.25	7.1226	13.4766	9.93395	7.01487		1.63E-01	0.01436	0.00015	0.02243	0.19948		2.15E-01	0.018988	0.000122	0.013924	2.48E-01		0.249041	0.019193	8.99E-05	0.01536	0.283684
4591	494363.09	3859377.25	6.73008	12.60935	9.29082	6.06894		1.54E-01	0.01343	0.00014	0.0194	0.18656		2.03E-01	0.017766	0.000114	0.012046	2.33E-01		0.235317	0.017958	8.41E-05	0.013289	0.266647
4592	494863.09	3859377.25	5.87414	10.18292	8.02535	3.98762		1.34E-01	0.01085	0.00012	0.01275	0.15777		1.77E-01	0.014347	9.82E-05	0.007915	2.00E-01		0.205389	0.014502	7.26E-05	0.008732	0.228695
4593	495363.09	3859377.25	5.44387	8.83976	7.33807	3.56164		1.24E-01	0.00942	0.00011	0.01139	0.14515		1.64E-01	0.012455	8.98E-05	0.007069	1.84E-01		0.190345	0.012589	6.64E-05	0.007799	0.210799
4594	495863.09	3859377.25	4.77864	8.42181	6.2645	4.08419		1.09E-01	0.00897	9.4E-05	0.01306	0.13118		1.44E-01	0.011866	7.67E-05	0.008107	1.64E-01		0.167085	0.011994	5.67E-05	0.008943	0.188078
4595	496363.09	3859377.25	4.59828	8.01061	6.10337	4.48847		1.05E-01	0.00853	9.2E-05	0.01435	0.12791		1.39E-01	0.011286	7.47E-05	0.008909	1.59E-01		0.160779	0.011408	5.52E-05	0.009828	0.18207
4596	496863.09	3859377.25	3.6412	5.95552	5.13195	4.75843		8.31E-02	0.00634	7.7E-05	0.01521	0.10473		1.10E-01	0.008391	6.28E-05	0.009445	1.28E-01		0.127314	0.008482	4.64E-05	0.010419	0.146262
4597	497363.09	3859377.25	4.07271	6.7686	5.59876	4.9794		9.29E-02	0.00721	8.4E-05	0.01592	0.11616		1.23E-01	0.009537	6.85E-05	0.009884	1.42E-01		0.142402	0.009639	5.07E-05	0.010903	0.162995
4598	497863.09	3859377.25	4.48552	7.68115	5.93153	5.16675		1.02E-01	0.00818	8.9E-05	0.01652	0.12715		1.35E-01	0.010822	7.26E-05	0.010255	1.57E-01		0.156836	0.010939	5.37E-05	0.011313	0.179142
4599	498363.09	3859377.25	4.35625	6.96186	5.83749	5.32205		9.94E-02	0.00742	8.8E-05	0.01701	0.12393		1.31E-01	0.009809	7.14E-05	0.010564	1.52E-01		0.152316	0.009915	5.28E-05	0.011654	0.173937
4600	471363.09	3859877.25	2.85958	5.44311	3.98364	4.07261		6.53E-02	0.0058	6E-05	0.01302	0.08414		8.63E-02	0.007669	4.88E-05	0.008084	1.02E-01		0.099985	0.007752	3.6E-05	0.008918	0.116691
4601	471863.09	3859877.25	2.87361	6.13093	4.0066	4.09592		6.56E-02	0.00653	6E-05	0.01309	0.08526		8.67E-02	0.008638	4.9E-05	0.00813	1.04E-01		0.100476	0.008731	3.62E-05	0.008969	0.118212
4602	472363.09	3859877.25	2.88109	6.71133	4.02018	4.07934		6.57E-02	0.00715	6.1E-05	0.01304	0.086		8.70E-02	0.009456	4.92E-05	0.008097	1.05E-01		0.100737	0.009558	3.64E-05	0.008932	0.119264
4603	472863.09	3859877.25	2.90248	6.89824	4.0533	4.06242		6.62E-02	0.00735	6.1E-05	0.01299	0.08663		8.76E-02	0.009719	4.96E-05	0.008063	1.05E-01		0.101485	0.009824	3.67E-05	0.008895	0.120241
4604	473363.09	3859877.25	2.91898	6.82429	4.0825	4.039		6.66E-02	0.00727	6.2E-05	0.01291	0.08686		8.81E-02	0.009615	5E-05	0.008017	1.06E-01		0.102062	0.009719	3.69E-05	0.008844	0.120662
4605	473863.09	3859877.25	2.92007	6.60526	4.09399	4.00755		6.66E-02	0.00704	6.2E-05	0.01281	0.08655		8.81E-02	0.009306	5.01E-05	0.007955	1.05E-01		0.1021	0.009407	3.7E-05	0.008775	0.120319
4606	474363.09	3859877.25	2.8754	6.59458	4.03499	3.93437		6.56E-02	0.00703	6.1E-05	0.01258	0.08528		8.68E-02	0.009291	4.94E-05	0.007809	1.04E-01		0.100538	0.009392	3.65E-05	0.008615	0.118581
4607	474863.09	3859877.25	2.81915	7.01587	3.98978	2.29404		6.43E-02	0.00747	6E-05	0.00733	0.0792		8.51E-02	0.009885	4.88E-05	0.004553	9.96E-02		0.098571	0.009992	3.61E-05	0.005023	0.113622
4608	475363.09	3859877.25	1.4611	3.54196	2.06039	1.92942		3.33E-02	0.00377	3.1E-05	0.00617	0.04332		4.41E-02	0.00499	2.52E-05	0.00383	5.29E-02		0.051087	0.005044	1.86E-05	0.004225	0.060375
4609	475863.09	3859877.25	1.34218	2.89173	1.92634	1.91354		3.06E-02	0.00308	2.9E-05	0.00612	0.03986		4.05E-02	0.004074	2.36E-05	0.003798	4.84E-02		0.046929	0.004118	1.74E-05	0.00419	0.055255
4610	476363.09	3859877.25	1.28342	1.57173	1.83579	1.89763		2.93E-02	0.00167	2.8E-05	0.00607	0.03706		3.87E-02	0.002214	2.25E-05	0.003767	4.47E-02		0.044875	0.002238	1.66E-05	0.004155	0.051285
4611	476863.09	3859877.25	1.20291	2.23162	1.66525	1.8816		2.75E-02	0.00238	2.5E-05	0.00602	0.03587		3.63E-02	0.003144	2.04E-05	0.003735	4.32E-02		0.04206	0.003178	1.51E-05	0.00412	0.049373
4612	477363.09	3859877.25	1.10911	3.22816	1.4011	1.86569		2.53E-02	0.00344	2.1E-05	0.00596	0.03474		3.35E-02	0.004548	1.71E-05	0.003703	4.17E-02		0.03878	0.004597	1.27E-05	0.004085	0.047475
4613	477863.09	3859877.25	1.21343	4.09953	1.70199	1.8497		2.77E-02	0.00437	2.6E-05	0.00591	0.038		3.66E-02	0.005776	2.08E-05	0.003671	4.61E-02		0.042428	0.005838	1.54E-05	0.00405	0.052331
4614	478363.09	3859877.25	1.75635	5.92396	2.43527	1.964		4.01E-02	0.00631	3.7E-05	0.00628	0.05271		5.30E-02	0.008346	2.98E-05	0.003898	6.53E-02		0.061411	0.008437	2.2E-05	0.004301	0.07417
4615	478863.09	3859877.25	2.28594	8.14782	3.33296	2.33936		5.22E-02	0.00868	5E-05	0.00748	0.06838		6.90E-02	0.01148	4.08E-05	0.004643	8.52E-02		0.079928	0.011604	3.02E-05	0.005122	0.096684
4616	479363.09	3859877.25	3.0895	10.87159	4.21626	3.60514		7.05E-02	0.01158	6.4E-05	0.01153	0.09368		9.32E-02	0.015317	5.16E-05	0.007156	1.16E-01		0.108024	0.015483	3.81E-05	0.007894	0.131439
4617	479863.09	3859877.25	3.05366	10.85611	4.13032	3.62008		6.97E-02	0.01157	6.2E-05	0.01157	0.09289		9.22E-02	0.015296	5.06E-05	0.007185	1.15E-01		0.106771	0.015461	3.74E-05	0.007927	0.130196
4618	480363.09	3859877.25	2.79135	10.58179	3.7816	4.34138		6.37E-02	0.01127	5.7E-05	0.01388	0.08891		8.42E-02	0.014909	4.63E-05	0.008617	1.08E-01		0.097599	0.01507	3.42E-05	0.009506	0.12221
4619	480863.09	3859877.25	2.84004	11.36797	3.93319	4.67425		6.48E-02	0.01211	5.9E-05	0.01494	0.09193		8.57E-02	0.016017	4.81E-05	0.009278	1.11E-01		0.099302	0.01619	3.56E-05	0.010235	0.125762
4620	481363.09	3859877.25	2.75161	10.6242	3.70586	4.90238		6.28E-02	0.01132	5.6E-05	0.01567	0.08984		8.30E-02	0.014969	4.54E-05	0.009731	1.08E-01		0.09621	0.01513	3.35E-05	0.010735	0.122108
4621	481863.09	3859877.25	2.71736	12.09608	3.6228	5.02146		6.20E-02	0.01289	5.5E-05	0.01605	0.09101		8.20E-02	0.017043	4.43E-05	0.009967	1.09E-01		0.095012	0.017227	3.28E-05	0.010995	0.123267
4622	482363.09	3859877.25	2.84596	13.5858	3.79383	5.21391		6.49E-02	0.01447	5.7E-05	0.01667	0.09615		8.59E-02	0.019142	4.64E-05	0.010349	1.15E-01		0.099509	0.019348	3.43E-05	0.011417	0.130308
4623	482863.09	3859877.25	2.9737	11.86015	3.97367	5.42033		6.79E-02	0.01264	6E-05	0.01733	0.09789		8.97E-02	0.01671	4.86E-05	0.010759	1.17E-01		0.103975	0.016891	3.59E-05	0.011869	0.132771
4624	483363.09	3859877.25	3.09727	13.08351	4.17621	5.65197		7.07E-02	0.01394	6.3E-05	0.01807	0.10275		9.35E-02	0.018434	5.11E-05	0.011219	1.23E-01		0.108296	0.018633	3.78E-05	0.012376	0.139342
4625	483863.09	3859877.25	3.96816	13.55262	4.03344	5.99532		9.06E-02	0.01444	6.1E-05	0.01917	0.12422		1.20E-01	0.019095	4.94E-05	0.0119	1.51E-01		0.138746	0.019301	3.65E-05	0.013128	0.171212
4626	484363.09	3859877.25	4.51651	15.63014	6.23436	6.40931		1.03E-01	0.01665	9.4E-05	0.02049	0.14031		1.36E-01	0.022022	7.63E-05	0.012722	1.71E-01		0.15792	0.02226	5.64E-05	0.014034	0.19427
4627	484863.09	3859877.25	4.66192	15.86254	6.43789	8.1605		1.06E-01	0.0169	9.7E-05	0.02609	0.14947		1.41E-01	0.022349	7.88E-05	0.016198	1.79E-01		0.163004	0.022591	5.82E-05	0.017869	0.203521
4628	485363.09	3859877.25	4.7207	18.43518	6.52068	7.92567		1.08E-01	0.01964	9.8E-05	0.02534	0.15281		1.42E-01	0.025974	7.98E-05	0.015732	1.84E-01		0.165059	0.026254	5.9E-05	0.017355	0.208727
4629	485863.09	3859877.25	4.62571	18.89367	6.36825	8.0906		1.06E-01	0.02013	9.6E-05	0.02587	0.15165		1.40E-01	0.02662	7.79E-05	0.016059	1.82E-01		0.161738	0.026907	5.76E-05	0.017716	0.206418
4630	486363.09	3859877.25	4.6087	20.64299	6.26531	8.76834		1.05E-01	0.02199	9.4E-05	0.02803	0.15529		1.39E-01	0.029085	7.67E-05	0.017404	1.86E-01		0.161143	0.029399	5.67E-05	0.0192	0.209798
4631	486863.09	3859877.25	5.32253	22.66019	7.18674	10.54995		1.21E-01	0.02414	0.00011	0.03373	0.17944		1.61E-01	0.031927	8.8E-05	0.020941	2.14E-01		0.186102	0.032271	6.5E-05	0.023101	0.241539
4632	487363.09	3859877.25	6.13907	21.94655	8.31212	12.16131		1.40E-01	0.02338	0.00013	0.03888	0.20248		1.85E-01	0.030921	0.000102	0.024139	2.40E-01		0.214652	0.031255	7.52E-05	0.026629	0.272612

4633	487863.09	3859877.25	7.95651	22.95959	10.8476	20.00424	1.82E-01	0.02446	0.00016	0.06395	0.27015	2.40E-01	0.032349	0.000133	0.039706	3.12E-01	0.278199	0.032698	9.81E-05	0.043803	0.354797
4634	488363.09	3859877.25	9.64563	21.48058	12.33635	30.73002	2.20E-01	0.02288	0.00019	0.09824	0.34144	2.91E-01	0.030265	0.000151	0.060996	3.83E-01	0.337259	0.030591	0.000112	0.067288	0.43525
4635	488863.09	3859877.25	12.86809	32.24089	15.13919	34.5596	2.94E-01	0.03435	0.00023	0.11049	0.43872	3.88E-01	0.045425	0.000185	0.068597	5.03E-01	0.449932	0.045916	0.000137	0.075674	0.571659
4636	489363.09	3859877.25	15.79562	22.26337	15.87471	30.11741	3.60E-01	0.02372	0.00024	0.09629	0.48071	4.77E-01	0.031368	0.000194	0.05978	5.68E-01	0.552293	0.031706	0.000144	0.065947	0.65009
4637	489863.09	3859877.25	17.11596	24.25359	16.22329	32.91058	3.91E-01	0.02584	0.00024	0.10522	0.5219	5.17E-01	0.034172	0.000199	0.065324	6.16E-01	0.598459	0.034541	0.000147	0.072063	0.705209
4638	490363.09	3859877.25	13.35912	21.31716	14.56015	28.21939	3.05E-01	0.02271	0.00022	0.09022	0.41801	4.03E-01	0.030035	0.000178	0.056013	4.89E-01	0.467101	0.030359	0.000132	0.061791	0.559382
4639	490863.09	3859877.25	11.06607	19.43585	13.48528	23.90498	2.53E-01	0.02071	0.0002	0.07642	0.34987	3.34E-01	0.027384	0.000165	0.047449	4.09E-01	0.386925	0.027679	0.000122	0.052344	0.46707
4640	491363.09	3859877.25	8.96237	16.70807	12.10916	20.15658	2.05E-01	0.0178	0.00018	0.06444	0.28695	2.70E-01	0.023541	0.000148	0.040009	3.34E-01	0.313369	0.023795	0.00011	0.044136	0.381409
4641	491863.09	3859877.25	9.49244	16.95597	12.75753	21.65273	2.17E-01	0.01806	0.00019	0.06922	0.30411	2.86E-01	0.02389	0.000156	0.042978	3.54E-01	0.331903	0.024148	0.000115	0.047412	0.403578
4642	492363.09	3859877.25	8.58827	14.52625	11.65177	18.4581	1.96E-01	0.01548	0.00018	0.05901	0.27065	2.59E-01	0.020467	0.000143	0.036637	3.16E-01	0.300288	0.020688	0.000105	0.040417	0.361498
4643	492863.09	3859877.25	7.63741	12.1412	10.68132	15.61942	1.74E-01	0.01293	0.00016	0.04994	0.23732	2.31E-01	0.017106	0.000131	0.031003	2.79E-01	0.267042	0.017291	9.66E-05	0.034201	0.31863
4644	493363.09	3859877.25	6.96807	10.70874	9.56897	12.64882	1.59E-01	0.01141	0.00014	0.04044	0.21101	2.10E-01	0.015088	0.000117	0.025107	2.51E-01	0.243638	0.015251	8.66E-05	0.027697	0.286672
4645	493863.09	3859877.25	6.22149	9.88028	8.44339	11.31778	1.42E-01	0.01053	0.00013	0.03618	0.18882	1.88E-01	0.013921	0.000103	0.022465	2.24E-01	0.217534	0.014071	7.64E-05	0.024782	0.256464
4646	494363.09	3859877.25	5.9983	10.99258	8.35343	9.15391	1.37E-01	0.01171	0.00013	0.02927	0.17799	1.81E-01	0.015488	0.000102	0.01817	2.15E-01	0.20973	0.015655	7.56E-05	0.020044	0.245505
4647	494863.09	3859877.25	5.70771	10.35562	7.91349	8.13736	1.30E-01	0.01103	0.00012	0.02602	0.16742	1.72E-01	0.01459	9.69E-05	0.016152	2.03E-01	0.19957	0.014748	7.16E-05	0.017818	0.232207
4648	495363.09	3859877.25	6.03231	10.20541	8.3663	7.38937	1.38E-01	0.01087	0.00013	0.02362	0.17228	1.82E-01	0.014379	0.000102	0.014667	2.11E-01	0.210919	0.014534	7.57E-05	0.01618	0.241709
4649	495863.09	3859877.25	5.87042	9.90986	8.16601	6.47708	1.34E-01	0.01056	0.00012	0.02071	0.16536	1.77E-01	0.013962	9.99E-05	0.012856	2.04E-01	0.205259	0.014113	7.39E-05	0.014183	0.233629
4650	496363.09	3859877.25	5.54032	9.10934	7.6654	4.76385	1.26E-01	0.0097	0.00012	0.01523	0.15148	1.67E-01	0.012834	9.38E-05	0.009456	1.90E-01	0.193717	0.012973	6.93E-05	0.010431	0.217191
4651	496863.09	3859877.25	3.79052	4.89613	4.79109	2.35286	8.65E-02	0.00522	7.2E-05	0.00752	0.09931	1.14E-01	0.006898	5.86E-05	0.00467	1.26E-01	0.132535	0.006973	4.33E-05	0.005152	0.144703
4652	497363.09	3859877.25	4.81421	7.52943	6.1902	3.49545	1.10E-01	0.00802	9.3E-05	0.01118	0.12915	1.45E-01	0.010608	7.58E-05	0.006938	1.63E-01	0.168329	0.010723	5.6E-05	0.007654	0.186761
4653	497863.09	3859877.25	4.63915	7.73207	6.36173	5.5612	1.06E-01	0.00824	9.6E-05	0.01778	0.13198	1.40E-01	0.010894	7.79E-05	0.011038	1.62E-01	0.162208	0.011012	5.76E-05	0.012177	0.185454
4654	498363.09	3859877.25	3.42332	5.4806	4.62096	6.26644	7.81E-02	0.00584	7E-05	0.02003	0.10407	1.03E-01	0.007722	5.66E-05	0.012438	1.24E-01	0.119696	0.007805	4.18E-05	0.013721	0.141265
4655	471363.09	3860377.25	2.85419	5.15876	3.99272	4.04871	6.51E-02	0.0055	6E-05	0.01294	0.08363	8.61E-02	0.007268	4.89E-05	0.008036	1.01E-01	0.099797	0.007347	3.61E-05	0.008865	0.116045
4656	471863.09	3860377.25	2.85652	4.69008	4.00573	4.01952	6.52E-02	0.005	6E-05	0.01285	0.0831	8.62E-02	0.006608	4.9E-05	0.007978	1.01E-01	0.099878	0.006679	3.62E-05	0.008801	0.115395
4657	472363.09	3860377.25	2.85726	4.77141	4.0214	3.99309	6.52E-02	0.00508	6.1E-05	0.01277	0.08311	8.62E-02	0.006723	4.92E-05	0.007926	1.01E-01	0.099904	0.006795	3.64E-05	0.008744	0.115479
4658	472863.09	3860377.25	2.85105	5.13365	4.03311	3.97137	6.51E-02	0.00547	6.1E-05	0.0127	0.08329	8.60E-02	0.007233	4.94E-05	0.007883	1.01E-01	0.099687	0.007311	3.65E-05	0.008696	0.11573
4659	473363.09	3860377.25	2.82081	4.93251	4.01299	3.94273	6.44E-02	0.00525	6E-05	0.01261	0.08229	8.51E-02	0.00695	4.91E-05	0.007826	1.00E-01	0.098629	0.007025	3.63E-05	0.008633	0.114324
4660	473863.09	3860377.25	2.75382	5.35676	3.93187	3.9065	6.28E-02	0.00571	5.9E-05	0.01249	0.0811	8.31E-02	0.007547	4.81E-05	0.007754	9.85E-02	0.096287	0.007629	3.56E-05	0.008554	0.112505
4661	474363.09	3860377.25	2.63369	6.46129	3.74451	3.85196	6.01E-02	0.00688	5.6E-05	0.01231	0.07936	7.95E-02	0.009104	4.58E-05	0.007646	9.63E-02	0.092087	0.009202	3.39E-05	0.008435	0.109757
4662	474863.09	3860377.25	2.4805	6.84336	3.44613	3.79575	5.66E-02	0.00729	5.2E-05	0.01214	0.07608	7.49E-02	0.009642	4.22E-05	0.007534	9.21E-02	0.086731	0.009746	3.12E-05	0.008311	0.104819
4663	475363.09	3860377.25	2.33938	6.62116	3.1726	2.11068	5.34E-02	0.00705	4.8E-05	0.00675	0.06724	7.06E-02	0.009329	3.88E-05	0.004189	8.42E-02	0.081796	0.00943	2.87E-05	0.004622	0.095876
4664	475863.09	3860377.25	1.97256	6.87118	2.67766	2.02695	4.50E-02	0.00732	4E-05	0.00648	0.05886	5.95E-02	0.009681	3.28E-05	0.004023	7.33E-02	0.06897	0.009786	2.42E-05	0.004438	0.083219
4665	476363.09	3860377.25	1.42397	4.66522	1.99238	1.84102	3.25E-02	0.00497	3E-05	0.00589	0.04338	4.30E-02	0.006573	2.44E-05	0.003654	5.32E-02	0.049789	0.006644	1.8E-05	0.004031	0.060482
4666	476863.09	3860377.25	1.65675	5.11906	1.98982	1.82295	3.78E-02	0.00545	3E-05	0.00583	0.04912	5.00E-02	0.007212	2.44E-05	0.003618	6.09E-02	0.057928	0.00729	1.8E-05	0.003992	0.069228
4667	477363.09	3860377.25	1.09803	3.38028	1.59544	1.80049	2.51E-02	0.0036	2.4E-05	0.00576	0.03444	3.31E-02	0.004763	1.95E-05	0.003574	4.15E-02	0.038393	0.004814	1.44E-05	0.003942	0.047163
4668	477863.09	3860377.25	1.28376	2.98143	1.87308	1.76572	2.93E-02	0.00318	2.8E-05	0.00565	0.03815	3.87E-02	0.004201	2.29E-05	0.003505	4.65E-02	0.044887	0.004246	1.69E-05	0.003866	0.053016
4669	478363.09	3860377.25	1.82795	4.73249	2.44243	1.91764	4.17E-02	0.00504	3.7E-05	0.00613	0.05292	5.52E-02	0.006668	2.99E-05	0.003806	6.57E-02	0.063914	0.00674	2.21E-05	0.004199	0.074875
4670	478863.09	3860377.25	2.49989	8.69938	3.50753	2.38326	5.70E-02	0.00927	5.3E-05	0.00762	0.07399	7.54E-02	0.012257	4.29E-05	0.004731	9.25E-02	0.087409	0.012389	3.17E-05	0.005219	0.105048
4671	479363.09	3860377.25	2.9556	10.32333	4.02139	2.70473	6.74E-02	0.011	6.1E-05	0.00865	0.08715	8.92E-02	0.014545	4.92E-05	0.005369	1.09E-01	0.103342	0.014702	3.64E-05	0.005922	0.124003
4672	479863.09	3860377.25	2.78882	11.12924	3.7667	3.69537	6.36E-02	0.01186	5.7E-05	0.01181	0.08737	8.42E-02	0.01568	4.61E-05	0.007335	1.07E-01	0.097511	0.01585	3.41E-05	0.008092	0.121486
4673	480363.09	3860377.25	2.36814	8.88466	3.22348	4.31568	5.40E-02	0.00947	4.9E-05	0.0138	0.07735	7.15E-02	0.012518	3.95E-05	0.008566	9.26E-02	0.082802	0.012653	2.92E-05	0.00945	0.104934
4674	480863.09	3860377.25	2.35047	9.62534	3.14294	4.60151	5.36E-02	0.01025	4.7E-05	0.01471	0.07865	7.09E-02	0.013561	3.85E-05	0.009134	9.37E-02	0.082184	0.013708	2.84E-05	0.010076	0.105996
4675	481363.09	3860377.25	2.45227	10.79209	3.27216	4.71707	5.60E-02	0.0115	4.9E-05	0.01508	0.08259	7.40E-02	0.015205	4E-05	0.009363	9.86E-02	0.085743	0.01537	2.96E-05	0.010329	0.111471
4676	481863.09	3860377.25	2.55046	9.91405	3.39962	4.86476	5.82E-02	0.01056	5.1E-05	0.01555	0.08437	7.70E-02	0.013968	4.16E-05	0.009656	1.01E-01	0.089177	0.014119	3.08E-05	0.010652	0.113979
4677	482363.09	3860377.25	2.64754	10.1494	3.5491	4.97888	6.04E-02	0.01081	5.3E-05	0.01592	0.0872	7.99E-02	0.0143	4.34E-05	0.009883	1.04E-01	0.092571	0.014454	3.21E-05	0.010902	0.11796
4678	482863.09	3860377.25	2.76762	10.9155	3.72987	5.09162	6.32E-02	0.01163	5.6E-05	0.01628	0.09112	8.35E-02	0.015379	4.57E-05	0.010106	1.09E-01	0.09677	0.015545	3.37E-05	0.011149	0.123498
4679	483363.09	3860377.25	2.85353	11.21224	3.84639	5.33686	6.51E-02	0.01194	5.8E-05	0.01706	0.09418	8.61E-02	0.015797	4.71E-05	0.010593	1.13E-01	0.099774	0.015968	3.48E-05	0.011686	0.127462
4680	483863.09	3860377.25	4.28306	14.2068	4.70035	5.51323	9.77E-02	0.01514	7.1E-05	0.01763	0.13057	1.29E-01	0.020016	5.75E-05	0.010943	1.60E-01	0.149757	0.020233	4.25E-05	0.012072	0.182104
4681	484363.09	3860377.25	4.50564	13.1053	6.22572	6.94172	1.03E-01	0.01396	9.4E-05	0.02219	0.13907	1.36E-01	0.018465	7.62E-05	0.013779	1.68E-01	0.157539	0.018664	5.63E-05	0.0152	0.19146
4682	484863.09	3860377.25	4.61424	13.93556	6.37735	8.10684	1.05E-01	0.01485	9.6E-05	0.02592	0.14616	1.39E-01	0.019634	7.81E-05	0.016091	1.75E-01	0.161337	0.019846	5.77E-05	0.017751	0.198992
4683	485363.09	3860377.25	4.62818	15.13179	6.39865	7.79972	1.06E-01	0.01612	9.6E-05	0.02494	0.14677	1.40E-01	0.02132	7.83E-05	0.015482	1.77E-01	0.161824	0.02155	5.79E-05	0.017079	0.200511
4684	485863.09	3860377.25	4.56306	16.52782	6.28789	7.58467	1.04E-01	0.01761	9.5E-05	0.02425	0.14608	1.38E-01	0.023287	7.7E-05	0.015055	1.76E-01	0.159547	0.023538	5.69E-05	0.016608	0.19975
4685	486363.09	3860377.25	4.43953	17.02634	5.82698	7.88145	1.01E-01	0.01814	8.8E-05	0.0252	0.14474	1.34E-01	0.023989	7.13E-05	0.015644	1.74E-01	0.155228	0.024248	5.27E-05	0.017258	0.196786
4686	486863.09	3860377.25	4.54627	19.94464	6.11065	8.92663	1.04E-01	0.02125	9.2E-05	0.02854	0.15363	1.37E-01	0.028101	7.48E-05	0.017718	1.83E-01	0.15896	0.028404	5.53E-05	0.019546	0.206966
4687	487363.09	3860377.25	5.19995	16.86871	7.06273	10.66069	1.19E-01	0.01797	0.00011	0.03408	0.17083	1.57E-01	0.023767	8.64E-05	0.02116	2.02E-01	0.181816	0.024024	6.39E-05	0.023343	0.229247
4688	487863.09	3860377.25	6.10346	18.07085	8.247	12.14025	1.39E-01	0.01925	0.00012	0.03881	0.19747	1.84E-01	0.025461	0.000101	0.024097	2.34E-01	0.213407	0.025736	7.46E-05	0.026583	0.2658
4689	488363.09	3860377.25	7.76713	17.62968	10.41112	22.32844	1.77E-01	0.01878	0.00016	0.07138	0.26758	2.34E-01	0.024839	0.000127	0.04432	3.04E-01	0.271577	0.025107	9.42E-05	0.048892	0.345671
4690	488863.09	3860377.25	9.16868	25.13018	11.94204	29.62511	2.09E-01	0.02677	0.00018	0.09471	0.3309	2.77E-01	0.035407	0.000146	0.058803	3.71E-01	0.320582	0.035789	0.000108	0.064869	0.421349
4691	489363.09	3860377.25	11.5201	19.4009	12.72277	23.42455	2.63E-01	0.02067	0.00019	0.07489	0.35865	3.48E-01	0.027335	0.000156	0.046495	4.22E-01	0.4028	0.02763	0.000115	0.051292	0.481836
4692	489863.09	3860377.25	13.17646	18.8441	13.30967	25.84606	3.01E-01	0.02008	0.0002	0.08263	0.4036	3.98E-01	0.02655	0.000163	0.051302	4.76E-01	0.460714	0.026837	0.00012	0.056594	0.544266
4693	490363.09	3860377.25	13.51955	19.68743	13.51579	26.51109	3.09E-01	0.02097	0.0002	0.08476	0.41446	4.08E-01	0.027738	0.000165	0.052622	4.89E-01	0.47271	0.028038	0.000122	0.05805	0.558921

4694	490863.09	3860377.25	11.28718	17.8383	12.56985	24.02894	2.58E-01	0.019	0.00019	0.07682	0.3536	3.41E-01	0.025133	0.000154	0.047695	4.14E-01	0.394656	0.025404	0.000114	0.052615	0.472789
4695	491363.09	3860377.25	9.43492	15.92066	11.40101	20.78828	2.15E-01	0.01696	0.00017	0.06646	0.29891	2.85E-01	0.022431	0.00014	0.041263	3.49E-01	0.329891	0.022673	0.000103	0.045519	0.398187
4696	491863.09	3860377.25	8.16311	14.08458	10.36461	18.03405	1.86E-01	0.015	0.00016	0.05766	0.25911	2.46E-01	0.019844	0.000127	0.035796	3.02E-01	0.285423	0.020059	9.38E-05	0.039489	0.345063
4697	492363.09	3860377.25	7.68884	14.03922	9.43179	17.33967	1.75E-01	0.01496	0.00014	0.05544	0.246	2.32E-01	0.01978	0.000115	0.034417	2.86E-01	0.26884	0.019994	8.53E-05	0.037968	0.326887
4698	492863.09	3860377.25	7.90959	13.18441	10.5761	16.39243	1.81E-01	0.01405	0.00016	0.05241	0.24712	2.39E-01	0.018576	0.000129	0.032537	2.90E-01	0.276558	0.018777	9.57E-05	0.035894	0.331325
4699	493363.09	3860377.25	7.00106	12.03507	9.37541	15.61964	1.60E-01	0.01282	0.00014	0.04994	0.22267	2.11E-01	0.016957	0.000115	0.031003	2.59E-01	0.244792	0.01714	8.48E-05	0.034202	0.296218
4700	493863.09	3860377.25	6.47383	10.22963	8.77973	12.59543	1.48E-01	0.0109	0.00013	0.04027	0.19904	1.95E-01	0.014413	0.000107	0.025001	2.35E-01	0.226357	0.014568	7.94E-05	0.02758	0.268585
4701	494363.09	3860377.25	5.99952	9.27586	8.14764	11.77325	1.37E-01	0.00988	0.00012	0.03764	0.18456	1.81E-01	0.013069	9.97E-05	0.023369	2.18E-01	0.209773	0.01321	7.37E-05	0.025779	0.248836
4702	494863.09	3860377.25	5.32366	7.95998	7.24346	10.73605	1.21E-01	0.00848	0.00011	0.03432	0.1644	1.61E-01	0.011215	8.87E-05	0.02131	1.93E-01	0.186141	0.011336	6.55E-05	0.023508	0.221052
4703	495363.09	3860377.25	4.88727	7.64442	6.62248	9.31515	1.12E-01	0.00814	1E-04	0.02978	0.14956	1.48E-01	0.010771	8.11E-05	0.01849	1.77E-01	0.170883	0.010887	5.99E-05	0.020397	0.202227
4704	495863.09	3860377.25	4.74682	8.46324	6.53563	7.93686	1.08E-01	0.00902	9.8E-05	0.02537	0.14282	1.43E-01	0.011924	8E-05	0.015754	1.71E-01	0.165972	0.012053	5.91E-05	0.017379	0.195463
4705	496363.09	3860377.25	5.5894	8.72897	7.79206	6.51946	1.28E-01	0.0093	0.00012	0.02084	0.15781	1.69E-01	0.012299	9.54E-05	0.01294	1.94E-01	0.195433	0.012431	7.05E-05	0.014275	0.22221
4706	496863.09	3860377.25	5.45772	8.4682	7.52563	5.35307	1.25E-01	0.00902	0.00011	0.01711	0.1508	1.65E-01	0.011931	9.21E-05	0.010625	1.87E-01	0.190829	0.01206	6.81E-05	0.011721	0.214678
4707	497363.09	3860377.25	4.87321	7.25597	6.8186	3.90597	1.11E-01	0.00773	0.0001	0.01249	0.13153	1.47E-01	0.010223	8.35E-05	0.007753	1.65E-01	0.170392	0.010334	6.17E-05	0.008553	0.18934
4708	497863.09	3860377.25	5.00101	7.87511	6.9132	5.56221	1.14E-01	0.00839	0.0001	0.01778	0.1404	1.51E-01	0.011096	8.46E-05	0.01104	1.73E-01	0.17486	0.011215	6.25E-05	0.012179	0.198317
4709	498363.09	3860377.25	3.40648	5.57688	4.4437	6.29942	7.77E-02	0.00594	6.7E-05	0.02014	0.10389	1.03E-01	0.007857	5.44E-05	0.012504	1.23E-01	0.119107	0.007942	4.02E-05	0.013794	0.140883
4710	471363.09	3860877.25	2.76467	4.16068	3.9234	3.95624	6.31E-02	0.00443	5.9E-05	0.01265	0.08023	8.34E-02	0.005862	4.8E-05	0.007853	9.72E-02	0.096667	0.005925	3.55E-05	0.008663	0.11129
4711	471863.09	3860877.25	2.71798	4.45015	3.86653	3.9286	6.20E-02	0.00474	5.8E-05	0.01256	0.07939	8.20E-02	0.00627	4.73E-05	0.007798	9.61E-02	0.095034	0.006338	3.5E-05	0.008602	0.110009
4712	472363.09	3860877.25	2.64495	4.48832	3.74769	3.89841	6.04E-02	0.00478	5.6E-05	0.01246	0.07766	7.98E-02	0.006324	4.59E-05	0.007738	9.39E-02	0.092481	0.006392	3.39E-05	0.008536	0.107443
4713	472863.09	3860877.25	2.55306	4.60721	3.55369	3.87319	5.83E-02	0.00491	5.4E-05	0.01238	0.07561	7.71E-02	0.006491	4.35E-05	0.007688	9.13E-02	0.089268	0.006561	3.21E-05	0.008481	0.104342
4714	473363.09	3860877.25	2.42222	4.74331	3.22719	3.84052	5.53E-02	0.00505	4.9E-05	0.01228	0.07266	7.31E-02	0.006683	3.95E-05	0.007623	8.75E-02	0.084693	0.006755	2.92E-05	0.008409	0.099887
4715	473863.09	3860877.25	2.30928	6.00665	3.1102	3.80403	5.27E-02	0.0064	4.7E-05	0.01216	0.07131	6.97E-02	0.008463	3.81E-05	0.007551	8.57E-02	0.080744	0.008554	2.81E-05	0.00833	0.097656
4716	474363.09	3860877.25	2.347	7.0303	3.17386	3.76041	5.36E-02	0.00749	4.8E-05	0.01202	0.07312	7.08E-02	0.009905	3.88E-05	0.007464	8.82E-02	0.082063	0.010012	2.87E-05	0.008234	0.100338
4717	474863.09	3860877.25	2.32209	7.47317	3.12075	3.71845	5.30E-02	0.00796	4.7E-05	0.01189	0.07289	7.01E-02	0.010529	3.82E-05	0.007381	8.80E-02	0.081192	0.010643	2.82E-05	0.008142	0.100005
4718	475363.09	3860877.25	2.43141	7.04307	3.23986	3.64864	5.55E-02	0.0075	4.9E-05	0.01166	0.0747	7.34E-02	0.009923	3.97E-05	0.007242	9.06E-02	0.085014	0.01003	2.93E-05	0.007989	0.103063
4719	475863.09	3860877.25	2.46984	6.47305	3.33489	3.55396	5.64E-02	0.0069	5E-05	0.01136	0.07467	7.45E-02	0.00912	4.08E-05	0.007054	9.08E-02	0.086358	0.009219	3.02E-05	0.007782	0.103389
4720	476363.09	3860877.25	2.27064	6.57605	3.16283	2.0134	5.18E-02	0.00701	4.8E-05	0.00644	0.06531	6.85E-02	0.009265	3.87E-05	0.003996	8.18E-02	0.079393	0.009365	2.86E-05	0.004409	0.093195
4721	476863.09	3860877.25	2.15571	5.93801	3.00689	1.94118	4.92E-02	0.00633	4.5E-05	0.00621	0.06177	6.51E-02	0.008366	3.68E-05	0.003853	7.73E-02	0.075374	0.008457	2.72E-05	0.004251	0.088109
4722	477363.09	3860877.25	2.21336	6.99454	3.10048	2.22901	5.05E-02	0.00745	4.7E-05	0.00713	0.06514	6.68E-02	0.009855	3.79E-05	0.004424	8.11E-02	0.07739	0.009961	2.8E-05	0.004881	0.09226
4723	477863.09	3860877.25	1.91956	5.54485	2.76981	1.89186	4.38E-02	0.00591	4.2E-05	0.00605	0.0558	5.79E-02	0.007812	3.39E-05	0.003755	6.95E-02	0.067117	0.007897	2.51E-05	0.004143	0.079182
4724	478363.09	3860877.25	1.29405	3.309	1.70947	1.63808	2.95E-02	0.00353	2.6E-05	0.00524	0.03832	3.91E-02	0.004662	2.09E-05	0.003251	4.70E-02	0.045246	0.004713	1.55E-05	0.003587	0.053561
4725	478863.09	3860877.25	2.37228	7.16561	3.26878	2.49134	5.41E-02	0.00763	4.9E-05	0.00796	0.06979	7.16E-02	0.010096	4E-05	0.004945	8.67E-02	0.082947	0.010205	2.96E-05	0.005455	0.098636
4726	479363.09	3860877.25	2.79247	9.61306	3.75184	2.74384	6.37E-02	0.01024	5.7E-05	0.00877	0.0828	8.43E-02	0.013544	4.59E-05	0.005446	1.03E-01	0.097639	0.01369	3.39E-05	0.006008	0.117371
4727	479863.09	3860877.25	2.55497	9.46215	3.4011	3.70247	5.83E-02	0.01008	5.1E-05	0.01184	0.08028	7.71E-02	0.013332	4.16E-05	0.007349	9.78E-02	0.089334	0.013475	3.08E-05	0.008107	0.110948
4728	480363.09	3860877.25	2.24829	8.85151	2.91243	4.22491	5.13E-02	0.00943	4.4E-05	0.01351	0.07429	6.79E-02	0.012471	3.56E-05	0.008386	8.87E-02	0.078611	0.012606	2.63E-05	0.009251	0.100495
4729	480863.09	3860877.25	2.23731	8.65366	2.99203	4.40865	5.11E-02	0.00922	4.5E-05	0.01409	0.07442	6.75E-02	0.012192	3.66E-05	0.008751	8.85E-02	0.078227	0.012324	2.71E-05	0.009653	0.100232
4730	481363.09	3860877.25	2.31505	7.92488	3.08939	4.54124	5.28E-02	0.00844	4.7E-05	0.01452	0.07584	6.99E-02	0.011166	3.78E-05	0.009014	9.01E-02	0.080946	0.011286	2.79E-05	0.009944	0.102204
4731	481863.09	3860877.25	2.38809	8.68781	3.21409	4.6286	5.45E-02	0.00926	4.8E-05	0.0148	0.0786	7.21E-02	0.012241	3.93E-05	0.009187	9.35E-02	0.083499	0.012373	2.91E-05	0.010135	0.106036
4732	482363.09	3860877.25	2.48547	9.37136	3.3496	4.74869	5.67E-02	0.00998	5E-05	0.01518	0.08194	7.50E-02	0.013204	4.1E-05	0.009426	9.77E-02	0.086904	0.013346	3.03E-05	0.010398	0.110679
4733	482863.09	3860877.25	2.58784	9.87419	3.48786	4.8535	5.91E-02	0.01052	5.3E-05	0.01552	0.08515	7.81E-02	0.013912	4.27E-05	0.009634	1.02E-01	0.090484	0.014062	3.16E-05	0.010628	0.115205
4734	483363.09	3860877.25	2.81518	12.17346	3.60496	4.98017	6.42E-02	0.01297	5.4E-05	0.01592	0.09319	8.50E-02	0.017152	4.41E-05	0.009885	1.12E-01	0.098433	0.017337	3.26E-05	0.010905	0.126707
4735	483863.09	3860877.25	4.32614	11.68098	5.06991	5.16405	9.87E-02	0.01244	7.6E-05	0.01651	0.12776	1.31E-01	0.016458	6.21E-05	0.01025	1.57E-01	0.151263	0.016635	4.59E-05	0.011308	0.179252
4736	484363.09	3860877.25	4.62046	12.00819	6.38835	7.75433	1.05E-01	0.01279	9.6E-05	0.02479	0.14312	1.39E-01	0.016919	7.82E-05	0.015392	1.72E-01	0.161554	0.017101	5.78E-05	0.016979	0.195693
4737	484863.09	3860877.25	4.53884	12.30571	6.27824	7.96483	1.04E-01	0.01311	9.5E-05	0.02546	0.14225	1.37E-01	0.017338	7.68E-05	0.015809	1.70E-01	0.1587	0.017525	5.68E-05	0.01744	0.193723
4738	485363.09	3860877.25	4.57224	13.21653	6.32469	7.7763	1.04E-01	0.01408	9.5E-05	0.02486	0.14338	1.38E-01	0.018621	7.74E-05	0.015435	1.72E-01	0.159868	0.018822	5.72E-05	0.017027	0.195775
4739	485863.09	3860877.25	4.57013	14.464	6.3023	7.73971	1.04E-01	0.01541	9.5E-05	0.02474	0.14454	1.38E-01	0.020379	7.71E-05	0.015363	1.74E-01	0.159794	0.020599	5.7E-05	0.016947	0.197398
4740	486363.09	3860877.25	4.25085	14.37512	5.25191	7.27109	9.70E-02	0.01531	7.9E-05	0.02325	0.13565	1.28E-01	0.020254	6.43E-05	0.014432	1.63E-01	0.148631	0.020472	4.75E-05	0.015921	0.185072
4741	486863.09	3860877.25	4.05247	16.96554	5.45671	7.93411	9.25E-02	0.01807	8.2E-05	0.02537	0.136	1.22E-01	0.023903	6.68E-05	0.015748	1.62E-01	0.141694	0.024161	4.94E-05	0.017373	0.183278
4742	487363.09	3860877.25	4.5402	14.60339	6.15545	9.38922	1.04E-01	0.01556	9.3E-05	0.03002	0.14928	1.37E-01	0.020575	7.53E-05	0.018637	1.76E-01	0.158748	0.020797	5.57E-05	0.020559	0.20016
4743	487863.09	3860877.25	5.13031	14.97144	6.98086	10.37025	1.17E-01	0.01595	0.00011	0.03315	0.16629	1.55E-01	0.021094	8.54E-05	0.020584	1.97E-01	0.179381	0.021322	6.32E-05	0.022707	0.223473
4744	488363.09	3860877.25	6.35879	15.7312	8.61049	13.94473	1.45E-01	0.01676	0.00013	0.04458	0.20658	1.92E-01	0.022164	0.000105	0.027679	2.42E-01	0.222335	0.022404	7.79E-05	0.030534	0.27535
4745	488863.09	3860877.25	7.46028	14.26668	9.64534	23.29981	1.70E-01	0.0152	0.00015	0.07449	0.26008	2.25E-01	0.020101	0.000118	0.046248	2.92E-01	0.260848	0.020318	8.73E-05	0.051019	0.332272
4746	489363.09	3860877.25	8.85907	23.72486	10.96996	26.75313	2.02E-01	0.02528	0.00017	0.08553	0.31314	2.67E-01	0.033427	0.000134	0.053102	3.54E-01	0.309757	0.033788	9.92E-05	0.05858	0.402224
4747	489863.09	3860877.25	9.81588	15.10411	10.78192	21.24929	2.24E-01	0.01609	0.00016	0.06793	0.30819	2.96E-01	0.021281	0.000132	0.042178	3.60E-01	0.343212	0.02151	9.75E-05	0.046529	0.411349
4748	490363.09	3860877.25	10.76847	15.64954	11.00762	21.92737	2.46E-01	0.01667	0.00017	0.0701	0.33269	3.25E-01	0.022049	0.000135	0.043524	3.91E-01	0.376519	0.022287	9.96E-05	0.048014	0.446919
4749	490863.09	3860877.25	11.07859	16.38769	11.38174	21.854	2.53E-01	0.01746	0.00017	0.06987	0.34032	3.34E-01	0.023089	0.000139	0.043378	4.01E-01	0.387362	0.023338	0.000103	0.047853	0.458657
4750	491363.09	3860877.25	9.90979	15.23968	10.60166	20.31648	2.26E-01	0.01624	0.00016	0.06495	0.3075	2.99E-01	0.021472	0.00013	0.040326	3.61E-01	0.346495	0.021704	9.59E-05	0.044486	0.412781
4751	491863.09	3860877.25	8.61333	13.97172	9.46908	18.21719	1.97E-01	0.01488	0.00014	0.05824	0.26983	2.60E-01	0.019685	0.000116	0.036159	3.16E-01	0.301165	0.019898	8.57E-05	0.03989	0.361038
4752	492363.09	3860877.25	7.34542	11.86275	8.76775	15.12847	1.68E-01	0.01264	0.00013	0.04837	0.22876	2.22E-01	0.016714	0.000107	0.030028	2.69E-01	0.256832	0.016894	7.93E-05	0.033126	0.306932
4753	492863.09	3860877.25	6.25805	11.27062	8.06729	14.30446	1.43E-01	0.01201	0.00012	0.04573	0.20067	1.89E-01	0.01588	9.87E-05	0.028393	2.33E-01	0.218812	0.016051	7.3E-05	0.031322	0.266258
4754	493363.09	3860877.25	6.71652	11.79843	7.65582	14.96987	1.53E-01	0.01257	0.00012	0.04786	0.21382	2.03E-01	0.016623	9.37E-05	0.029714	2.49E-01	0.234843	0.016803	6.93E-05	0.032779	0.284494

4755	493863.09	3860877.25	6.608	10.67694	8.76635	13.40007	1.51E-01	0.01137	0.00013	0.04284	0.20515	1.99E-01	0.015043	0.000107	0.026598	2.41E-01	0.231048	0.015206	7.93E-05	0.029342	0.275675
4756	494363.09	3860877.25	5.57821	9.80371	7.48721	12.51032	1.27E-01	0.01044	0.00011	0.04	0.17785	1.68E-01	0.013813	9.16E-05	0.024832	2.07E-01	0.195042	0.013962	6.77E-05	0.027393	0.236465
4757	494863.09	3860877.25	5.51614	8.82788	7.3326	11.08314	1.26E-01	0.0094	0.00011	0.03543	0.17083	1.66E-01	0.012438	8.97E-05	0.021999	2.01E-01	0.192872	0.012572	6.63E-05	0.024268	0.229778
4758	495363.09	3860877.25	5.14944	7.8759	6.86835	9.66	1.18E-01	0.00839	0.0001	0.03088	0.15689	1.55E-01	0.011097	8.41E-05	0.019174	1.86E-01	0.18005	0.011216	6.21E-05	0.021152	0.212481
4759	495863.09	3860877.25	4.66038	7.23547	6.29391	9.2096	1.06E-01	0.00771	9.5E-05	0.02944	0.1436	1.41E-01	0.010194	7.7E-05	0.01828	1.69E-01	0.16295	0.010304	5.69E-05	0.020166	0.193477
4760	496363.09	3860877.25	4.3793	6.58067	5.93786	8.6706	9.99E-02	0.00701	8.9E-05	0.02772	0.13476	1.32E-01	0.009272	7.27E-05	0.01721	1.59E-01	0.153122	0.009372	5.37E-05	0.018986	0.181533
4761	496863.09	3860877.25	4.26004	7.29765	5.79421	7.45909	9.72E-02	0.00777	8.7E-05	0.02385	0.12893	1.29E-01	0.010282	7.09E-05	0.014806	1.54E-01	0.148952	0.010393	5.24E-05	0.016333	0.17573
4762	497363.09	3860877.25	4.11148	7.07631	5.63559	7.29381	9.38E-02	0.00754	8.5E-05	0.02332	0.12477	1.24E-01	0.00997	6.9E-05	0.014477	1.49E-01	0.143758	0.010078	5.1E-05	0.015971	0.169857
4763	497863.09	3860877.25	4.50391	6.97766	6.17679	6.88348	1.03E-01	0.00743	9.3E-05	0.02201	0.13232	1.36E-01	0.009831	7.56E-05	0.013663	1.60E-01	0.157479	0.009937	5.59E-05	0.015073	0.182545
4764	498363.09	3860877.25	3.51043	5.41313	4.66134	7.06998	8.01E-02	0.00577	7E-05	0.0226	0.10855	1.06E-01	0.007627	5.71E-05	0.014033	1.28E-01	0.122742	0.007709	4.22E-05	0.015481	0.145974
4765	471363.09	3861377.25	2.42945	4.03055	3.28089	3.85799	5.54E-02	0.00429	4.9E-05	0.01233	0.07212	7.33E-02	0.005679	4.02E-05	0.007658	8.67E-02	0.084946	0.00574	2.97E-05	0.008448	0.099163
4766	471863.09	3861377.25	2.3024	5.17158	2.92594	3.82624	5.25E-02	0.00551	4.4E-05	0.01223	0.07033	6.95E-02	0.007286	3.58E-05	0.007595	8.44E-02	0.080503	0.007365	2.65E-05	0.008378	0.096273
4767	472363.09	3861377.25	2.16148	6.17889	2.67042	3.7941	4.93E-02	0.00658	4E-05	0.01213	0.06808	6.52E-02	0.008706	3.27E-05	0.007531	8.15E-02	0.075576	0.0088	2.42E-05	0.008308	0.092708
4768	472863.09	3861377.25	2.01919	6.83627	2.60361	3.76429	4.61E-02	0.00728	3.9E-05	0.01203	0.06544	6.09E-02	0.009632	3.19E-05	0.007472	7.81E-02	0.070601	0.009736	2.36E-05	0.008243	0.088603
4769	473363.09	3861377.25	1.96032	6.89545	2.6185	3.71492	4.47E-02	0.00735	3.9E-05	0.01188	0.064	5.92E-02	0.009715	3.2E-05	0.007374	7.63E-02	0.068542	0.00982	2.37E-05	0.008134	0.086521
4770	473863.09	3861377.25	2.00934	6.26279	2.68556	3.63169	4.59E-02	0.00667	4E-05	0.01161	0.06418	6.06E-02	0.008824	3.29E-05	0.007209	7.67E-02	0.070256	0.008919	2.43E-05	0.007952	0.087152
4771	474363.09	3861377.25	2.00506	5.12436	2.70133	3.52359	4.58E-02	0.00546	4.1E-05	0.01127	0.06252	6.05E-02	0.00722	3.31E-05	0.006994	7.48E-02	0.070107	0.007298	2.44E-05	0.007715	0.085145
4772	474863.09	3861377.25	2.13514	5.4012	2.88734	3.36069	4.87E-02	0.00575	4.4E-05	0.01074	0.06527	6.44E-02	0.00761	3.53E-05	0.006671	7.88E-02	0.074655	0.007692	2.61E-05	0.007359	0.089732
4773	475363.09	3861377.25	2.1607	5.29265	2.88271	3.42045	4.93E-02	0.00564	4.3E-05	0.01094	0.06593	6.52E-02	0.007457	3.53E-05	0.006789	7.95E-02	0.075549	0.007538	2.61E-05	0.00749	0.090602
4774	475863.09	3861377.25	2.35869	6.27908	3.17786	3.30125	5.38E-02	0.00669	4.8E-05	0.01055	0.07112	7.12E-02	0.008847	3.89E-05	0.006553	8.66E-02	0.082471	0.008942	2.87E-05	0.007229	0.098671
4775	476363.09	3861377.25	2.37462	6.9263	3.23895	3.05378	5.42E-02	0.00738	4.9E-05	0.00976	0.07138	7.17E-02	0.009759	3.96E-05	0.006061	8.75E-02	0.083028	0.009864	2.93E-05	0.006687	0.099609
4776	476863.09	3861377.25	2.4017	7.86538	3.21819	2.83608	5.48E-02	0.00838	4.9E-05	0.00907	0.0723	7.25E-02	0.011082	3.94E-05	0.005629	8.92E-02	0.083975	0.011201	2.91E-05	0.00621	0.101416
4777	477363.09	3861377.25	2.43436	8.33473	3.3	2.66002	5.56E-02	0.00888	5E-05	0.0085	0.07299	7.35E-02	0.011743	4.04E-05	0.00528	9.05E-02	0.085117	0.01187	2.99E-05	0.005825	0.102842
4778	477863.09	3861377.25	2.22515	7.58491	3.1518	2.35886	5.08E-02	0.00808	4.8E-05	0.00754	0.06645	6.72E-02	0.010687	3.86E-05	0.004682	8.26E-02	0.077802	0.010802	2.85E-05	0.005165	0.093798
4779	478363.09	3861377.25	1.7333	4.14499	2.51337	1.53645	3.96E-02	0.00442	3.8E-05	0.00491	0.04892	5.23E-02	0.00584	3.08E-05	0.00305	6.12E-02	0.060605	0.005903	2.27E-05	0.003364	0.069895
4780	478863.09	3861377.25	1.82018	5.71773	2.53904	1.68139	4.15E-02	0.00609	3.8E-05	0.00538	0.05304	5.49E-02	0.008056	3.11E-05	0.003337	6.64E-02	0.063642	0.008143	2.3E-05	0.003682	0.07549
4781	479363.09	3861377.25	2.65767	9.73837	3.60473	2.51735	6.07E-02	0.01037	5.4E-05	0.00805	0.07913	8.02E-02	0.013721	4.41E-05	0.004997	9.90E-02	0.092925	0.013869	3.26E-05	0.005512	0.112339
4782	479863.09	3861377.25	2.70072	8.98062	3.55334	3.55697	6.16E-02	0.00957	5.4E-05	0.01137	0.08263	8.15E-02	0.012653	4.35E-05	0.00706	1.01E-01	0.094431	0.01279	3.21E-05	0.007789	0.115041
4783	480363.09	3861377.25	2.05858	6.343	2.75996	4.10885	4.70E-02	0.00676	4.2E-05	0.01314	0.06691	6.21E-02	0.008937	3.38E-05	0.008156	7.93E-02	0.071978	0.009033	2.5E-05	0.008997	0.090033
4784	480863.09	3861377.25	2.11899	7.22526	2.83394	4.26027	4.84E-02	0.0077	4.3E-05	0.01362	0.06972	6.40E-02	0.01018	3.47E-05	0.008456	8.26E-02	0.07409	0.01029	2.56E-05	0.009329	0.093734
4785	481363.09	3861377.25	2.16854	7.28482	2.92155	4.35037	4.95E-02	0.00776	4.4E-05	0.01391	0.0712	6.54E-02	0.010264	3.58E-05	0.008635	8.44E-02	0.075823	0.010375	2.64E-05	0.009526	0.09575
4786	481863.09	3861377.25	2.26351	7.66339	3.05018	4.43294	5.17E-02	0.00816	4.6E-05	0.01417	0.07404	6.83E-02	0.010797	3.73E-05	0.008799	8.79E-02	0.079143	0.010914	2.76E-05	0.009707	0.099792
4787	482363.09	3861377.25	2.34756	8.53679	3.16427	4.50833	5.36E-02	0.00909	4.8E-05	0.01441	0.07713	7.09E-02	0.012028	3.87E-05	0.008949	9.19E-02	0.082082	0.012158	2.86E-05	0.009872	0.10414
4788	482863.09	3861377.25	2.42028	10.46383	3.26103	4.59765	5.52E-02	0.01115	4.9E-05	0.0147	0.08113	7.30E-02	0.014743	3.99E-05	0.009126	9.70E-02	0.084625	0.014902	2.95E-05	0.010067	0.109624
4789	483363.09	3861377.25	2.95999	11.81561	3.34789	4.69379	6.75E-02	0.01259	5E-05	0.01501	0.09519	8.93E-02	0.016647	4.1E-05	0.009317	1.15E-01	0.103496	0.016827	3.03E-05	0.010278	0.130631
4790	483863.09	3861377.25	4.28476	9.90469	5.25951	4.89785	9.78E-02	0.01055	7.9E-05	0.01566	0.12407	1.29E-01	0.013955	6.44E-05	0.009722	1.53E-01	0.149816	0.014106	4.76E-05	0.010725	0.174694
4791	484363.09	3861377.25	4.73659	11.54197	6.55452	7.80198	1.08E-01	0.0123	9.9E-05	0.02494	0.14543	1.43E-01	0.016262	8.02E-05	0.015486	1.75E-01	0.165615	0.016437	5.93E-05	0.017084	0.199195
4792	484863.09	3861377.25	4.62294	11.47	6.39875	8.32148	1.05E-01	0.01222	9.6E-05	0.0266	0.14442	1.40E-01	0.016161	7.83E-05	0.016517	1.72E-01	0.161641	0.016335	5.79E-05	0.018221	0.196255
4793	485363.09	3861377.25	4.48773	11.72832	6.2094	7.6596	1.02E-01	0.01249	9.4E-05	0.02449	0.13949	1.35E-01	0.016524	7.6E-05	0.015204	1.67E-01	0.156913	0.016703	5.62E-05	0.016772	0.190444
4794	485863.09	3861377.25	4.45136	12.66177	6.14426	7.47756	1.02E-01	0.01349	9.3E-05	0.02391	0.13907	1.34E-01	0.01784	7.52E-05	0.014842	1.67E-01	0.155642	0.018032	5.56E-05	0.016373	0.190103
4795	486363.09	3861377.25	4.03737	12.54514	4.62098	7.18501	9.21E-02	0.01336	7E-05	0.02297	0.12854	1.22E-01	0.017675	5.66E-05	0.014261	1.54E-01	0.141166	0.017866	4.18E-05	0.015733	0.174807
4796	486863.09	3861377.25	3.69546	14.06904	5.00155	7.19914	8.43E-02	0.01499	7.5E-05	0.02302	0.12241	1.12E-01	0.019822	6.12E-05	0.01429	1.46E-01	0.129212	0.020036	4.52E-05	0.015764	0.165057
4797	487363.09	3861377.25	4.06008	12.80013	5.49873	8.02315	9.27E-02	0.01364	8.3E-05	0.02565	0.13202	1.23E-01	0.018035	6.73E-05	0.015925	1.57E-01	0.14196	0.018229	4.97E-05	0.017568	0.177807
4798	487863.09	3861377.25	4.5288	13.10137	6.16138	9.3513	1.03E-01	0.01396	9.3E-05	0.0299	0.1473	1.37E-01	0.018459	7.54E-05	0.018561	1.74E-01	0.158349	0.018658	5.57E-05	0.020476	0.197539
4799	488363.09	3861377.25	5.00646	12.26043	6.74026	10.34593	1.14E-01	0.01306	0.0001	0.03308	0.16049	1.51E-01	0.017274	8.25E-05	0.020536	1.89E-01	0.175051	0.017461	6.1E-05	0.022654	0.215226
4800	488863.09	3861377.25	6.17149	11.877	8.23931	16.41973	1.41E-01	0.01265	0.00012	0.05249	0.20611	1.86E-01	0.016734	0.000101	0.032591	2.36E-01	0.215786	0.016915	7.45E-05	0.035954	0.268729
4801	489363.09	3861377.25	6.85142	16.56183	8.5915	23.02175	1.56E-01	0.01764	0.00013	0.0736	0.24773	2.07E-01	0.023335	0.000105	0.045696	2.76E-01	0.23956	0.023586	7.77E-05	0.05041	0.313634
4802	489863.09	3861377.25	7.97688	17.48542	9.55335	20.73356	1.82E-01	0.01863	0.00014	0.06629	0.2671	2.41E-01	0.024636	0.000117	0.041154	3.07E-01	0.278911	0.024902	8.64E-05	0.0454	0.349299
4803	490363.09	3861377.25	8.49778	13.33233	9.46941	18.74157	1.94E-01	0.0142	0.00014	0.05992	0.26819	2.56E-01	0.018784	0.000116	0.0372	3.13E-01	0.297124	0.018987	8.57E-05	0.041038	0.357235
4804	490863.09	3861377.25	9.00799	13.54414	9.34744	18.75194	2.06E-01	0.01443	0.00014	0.05995	0.28009	2.72E-01	0.019083	0.000114	0.037221	3.28E-01	0.314964	0.019289	8.46E-05	0.04106	0.375398
4805	491363.09	3861377.25	9.30999	13.95724	9.72335	18.38608	2.12E-01	0.01487	0.00015	0.05878	0.28626	2.81E-01	0.019665	0.000119	0.036494	3.37E-01	0.325523	0.019877	8.8E-05	0.040259	0.385748
4806	491863.09	3861377.25	8.5219	12.97593	8.86569	16.92975	1.94E-01	0.01382	0.00013	0.05412	0.26256	2.57E-01	0.018282	0.000109	0.033604	3.09E-01	0.297968	0.01848	8.02E-05	0.03707	0.353598
4807	492363.09	3861377.25	7.33851	11.56137	8.14097	14.96059	1.67E-01	0.01232	0.00012	0.04783	0.22774	2.21E-01	0.016289	9.96E-05	0.029695	2.68E-01	0.256591	0.016465	7.36E-05	0.032759	0.305888
4808	492863.09	3861377.25	6.59014	11.22615	7.70359	14.46851	1.50E-01	0.01196	0.00012	0.04626	0.20872	1.99E-01	0.015817	9.43E-05	0.028718	2.44E-01	0.230424	0.015988	6.97E-05	0.031681	0.278162
4809	493363.09	3861377.25	5.99707	10.12731	7.25296	12.97605	1.37E-01	0.01079	0.00011	0.04148	0.18924	1.81E-01	0.014269	8.88E-05	0.025756	2.21E-01	0.209687	0.014423	6.56E-05	0.028413	0.252589
4810	493863.09	3861377.25	5.30731	9.35722	6.56267	11.78725	1.21E-01	0.00997	9.9E-05	0.03768	0.16887	1.60E-01	0.013184	8.03E-05	0.023396	1.97E-01	0.18557	0.013326	5.94E-05	0.02581	0.224765
4811	494363.09	3861377.25	5.75526	9.83695	6.9167	12.69018	1.31E-01	0.01048	0.0001	0.04057	0.18249	1.74E-01	0.01386	8.47E-05	0.025189	2.13E-01	0.201232	0.014009	6.26E-05	0.027787	0.243091
4812	494863.09	3861377.25	5.46571	8.76541	7.15471	11.29463	1.25E-01	0.00934	0.00011	0.03611	0.17029	1.65E-01	0.01235	8.76E-05	0.022419	2.00E-01	0.191108	0.012483	6.47E-05	0.024731	0.228388
4813	495363.09	3861377.25	4.68922	8.28466	6.13099	10.67975	1.07E-01	0.00883	9.2E-05	0.03414	0.15007	1.42E-01	0.011673	7.5E-05	0.021198	1.74E-01	0.163958	0.011799	5.55E-05	0.023385	0.199197
4814	495863.09	3861377.25	4.61018	7.5136	6.03658	9.57672	1.05E-01	0.008	9.1E-05	0.03062	0.14392	1.39E-01	0.010586	7.39E-05	0.019009	1.69E-01	0.161195	0.0107	5.46E-05	0.02097	0.19292
4815	496363.09	3861377.25	4.39477	6.74849	5.77958	8.63871	1.00E-01	0.00719	8.7E-05	0.02762	0.13519	1.33E-01	0.009508	7.07E-05	0.017147	1.59E-01	0.153663	0.009611	5.23E-05	0.018916	0.182242

4816	496863.09	3861377.25	4.20547	6.64496	5.61594	8.37127	9.60E-02	0.00708	8.5E-05	0.02676	0.1299	1.27E-01	0.009362	6.87E-05	0.016616	1.53E-01	0.147044	0.009463	5.08E-05	0.01833	0.174889
4817	497363.09	3861377.25	3.92385	6.03912	5.26591	7.53368	8.95E-02	0.00643	7.9E-05	0.02409	0.12014	1.18E-01	0.008509	6.45E-05	0.014954	1.42E-01	0.137197	0.008601	4.76E-05	0.016496	0.162342
4818	497863.09	3861377.25	3.63019	5.59561	4.79698	6.85407	8.28E-02	0.00596	7.2E-05	0.02191	0.11079	1.10E-01	0.007884	5.87E-05	0.013605	1.31E-01	0.126929	0.007969	4.34E-05	0.015008	0.14995
4819	498363.09	3861377.25	3.40193	5.40024	4.60112	7.10587	7.76E-02	0.00575	6.9E-05	0.02272	0.10617	1.03E-01	0.007609	5.63E-05	0.014104	1.24E-01	0.118948	0.007691	4.16E-05	0.015559	0.14224
4820	471363.09	3861877.25	1.91416	6.45449	2.31261	3.73211	4.37E-02	0.00688	3.5E-05	0.01193	0.06253	5.78E-02	0.009094	2.83E-05	0.007408	7.43E-02	0.066928	0.009192	2.09E-05	0.008172	0.084314
4821	471863.09	3861877.25	1.77172	6.25931	2.32686	3.66419	4.04E-02	0.00667	3.5E-05	0.01171	0.05885	5.35E-02	0.008819	2.85E-05	0.007273	6.96E-02	0.061948	0.008914	2.11E-05	0.008023	0.078907
4822	472363.09	3861877.25	1.74401	5.56386	2.30833	3.55989	3.98E-02	0.00593	3.5E-05	0.01138	0.05714	5.26E-02	0.007839	2.83E-05	0.007066	6.76E-02	0.060979	0.007924	2.09E-05	0.007795	0.076719
4823	472863.09	3861877.25	1.70001	4.51885	2.27992	3.39914	3.88E-02	0.00481	3.4E-05	0.01087	0.05451	5.13E-02	0.006367	2.79E-05	0.006747	6.44E-02	0.059441	0.006436	2.06E-05	0.007443	0.07334
4824	473363.09	3861877.25	1.72913	3.84472	2.27329	3.22905	3.95E-02	0.0041	3.4E-05	0.01032	0.05391	5.22E-02	0.005417	2.78E-05	0.006409	6.40E-02	0.060459	0.005475	2.06E-05	0.007071	0.073025
4825	473863.09	3861877.25	1.78631	3.87828	2.3616	3.30334	4.08E-02	0.00413	3.6E-05	0.01056	0.05549	5.39E-02	0.005464	2.89E-05	0.006557	6.60E-02	0.062458	0.005523	2.14E-05	0.007233	0.075236
4826	474363.09	3861877.25	1.7999	4.68262	2.37967	3.33528	4.11E-02	0.00499	3.6E-05	0.01066	0.05676	5.43E-02	0.006598	2.91E-05	0.00662	6.76E-02	0.062933	0.006669	2.15E-05	0.007303	0.076927
4827	474863.09	3861877.25	1.90103	4.39728	2.47472	3.34078	4.34E-02	0.00468	3.7E-05	0.01068	0.05879	5.74E-02	0.006195	3.03E-05	0.006631	7.02E-02	0.066469	0.006262	2.24E-05	0.007315	0.080069
4828	475363.09	3861877.25	1.91221	4.767	2.51306	3.36435	4.36E-02	0.00508	3.8E-05	0.01076	0.05951	5.77E-02	0.006716	3.08E-05	0.006678	7.11E-02	0.06686	0.006789	2.27E-05	0.007367	0.081039
4829	475863.09	3861877.25	1.87455	5.39393	2.55677	3.4088	4.28E-02	0.00575	3.9E-05	0.0109	0.05946	5.66E-02	0.0076	3.13E-05	0.006766	7.10E-02	0.065544	0.007682	2.31E-05	0.007464	0.080713
4830	476363.09	3861877.25	1.86406	5.35706	2.60849	3.39171	4.25E-02	0.00571	3.9E-05	0.01084	0.05913	5.63E-02	0.007548	3.19E-05	0.006732	7.06E-02	0.065177	0.007629	2.36E-05	0.007427	0.080256
4831	476863.09	3861877.25	2.02198	6.15507	2.71595	3.26133	4.61E-02	0.00656	4.1E-05	0.01043	0.06317	6.10E-02	0.008672	3.32E-05	0.006473	7.62E-02	0.070698	0.008766	2.46E-05	0.007141	0.08663
4832	477363.09	3861877.25	2.16421	7.59089	2.91938	3.0461	4.94E-02	0.00809	4.4E-05	0.00974	0.06726	6.53E-02	0.010695	3.57E-05	0.006046	8.21E-02	0.075671	0.010811	2.64E-05	0.00667	0.093178
4833	477863.09	3861877.25	2.29725	6.98116	2.98226	2.50357	5.24E-02	0.00744	4.5E-05	0.008	0.06791	6.93E-02	0.009836	3.65E-05	0.004969	8.42E-02	0.080323	0.009942	2.7E-05	0.005482	0.095774
4834	478363.09	3861877.25	1.50595	3.52181	2.11118	1.4952	3.44E-02	0.00375	3.2E-05	0.00478	0.04293	4.55E-02	0.004962	2.58E-05	0.002968	5.34E-02	0.052655	0.005016	1.91E-05	0.003274	0.060964
4835	478863.09	3861877.25	1.93467	6.2142	2.57029	2.22902	4.42E-02	0.00662	3.9E-05	0.00713	0.05794	5.84E-02	0.008755	3.15E-05	0.004424	7.16E-02	0.067646	0.00885	2.33E-05	0.004881	0.0814
4836	479363.09	3861877.25	1.82277	5.79833	2.54318	1.46004	4.16E-02	0.00618	3.8E-05	0.00467	0.05248	5.50E-02	0.008169	3.11E-05	0.002898	6.61E-02	0.063733	0.008258	2.3E-05	0.003197	0.075211
4837	479863.09	3861877.25	2.63491	7.64736	3.49375	3.39648	6.01E-02	0.00815	5.3E-05	0.01086	0.07919	7.95E-02	0.010775	4.28E-05	0.006742	9.71E-02	0.092129	0.010891	3.16E-05	0.007437	0.110489
4838	480363.09	3861877.25	1.95858	6.32109	2.63903	3.9799	4.47E-02	0.00673	4E-05	0.01272	0.06419	5.91E-02	0.008906	3.23E-05	0.0079	7.59E-02	0.068482	0.009002	2.39E-05	0.008715	0.086222
4839	480863.09	3861877.25	1.99668	6.76561	2.68359	4.0776	4.56E-02	0.00721	4E-05	0.01304	0.06585	6.03E-02	0.009532	3.28E-05	0.008094	7.79E-02	0.069814	0.009635	2.43E-05	0.008929	0.088402
4840	481363.09	3861877.25	2.07214	6.83425	2.79256	4.17543	4.73E-02	0.00728	4.2E-05	0.01335	0.06796	6.25E-02	0.009629	3.42E-05	0.008288	8.05E-02	0.072452	0.009733	2.53E-05	0.009143	0.091353
4841	481863.09	3861877.25	2.14921	7.35328	2.89683	4.23207	4.90E-02	0.00783	4.4E-05	0.01353	0.07045	6.49E-02	0.01036	3.55E-05	0.0084	8.37E-02	0.075147	0.010472	2.62E-05	0.009267	0.094912
4842	482363.09	3861877.25	2.21618	9.1364	2.98648	4.28829	5.06E-02	0.00973	4.5E-05	0.01371	0.07406	6.69E-02	0.012873	3.66E-05	0.008512	8.83E-02	0.077489	0.013012	2.7E-05	0.00939	0.099917
4843	482863.09	3861877.25	2.27549	8.65764	3.07382	4.34847	5.19E-02	0.00922	4.6E-05	0.0139	0.0751	6.87E-02	0.012198	3.76E-05	0.008631	8.95E-02	0.079562	0.01233	2.78E-05	0.009522	0.101442
4844	483363.09	3861877.25	3.11293	12.19466	3.12983	4.5009	7.10E-02	0.01299	4.7E-05	0.01439	0.09847	9.40E-02	0.017182	3.83E-05	0.008934	1.20E-01	0.108843	0.017367	2.83E-05	0.009855	0.136094
4845	483863.09	3861877.25	4.30048	9.56071	5.45733	4.64265	9.81E-02	0.01019	8.2E-05	0.01484	0.12325	1.30E-01	0.01347	6.68E-05	0.009215	1.53E-01	0.150366	0.013616	4.94E-05	0.010166	0.174197
4846	484363.09	3861877.25	4.56566	10.12009	6.32005	8.19746	1.04E-01	0.01078	9.5E-05	0.02621	0.14128	1.38E-01	0.014259	7.74E-05	0.016271	1.68E-01	0.159638	0.014412	5.72E-05	0.01795	0.192057
4847	484863.09	3861877.25	4.68323	10.21715	6.48666	8.62322	1.07E-01	0.01088	9.8E-05	0.02757	0.14543	1.41E-01	0.014395	7.94E-05	0.017116	1.73E-01	0.163749	0.014551	5.87E-05	0.018882	0.19724
4848	485363.09	3861877.25	4.53275	10.4594	6.27136	7.93846	1.03E-01	0.01114	9.5E-05	0.02538	0.14006	1.37E-01	0.014737	7.68E-05	0.015757	1.67E-01	0.158487	0.014896	5.67E-05	0.017383	0.190822
4849	485863.09	3861877.25	4.37064	10.66618	6.02834	7.35728	9.97E-02	0.01136	9.1E-05	0.02352	0.13472	1.32E-01	0.015028	7.38E-05	0.014603	1.62E-01	0.152819	0.01519	5.45E-05	0.01611	0.184174
4850	486363.09	3861877.25	3.82564	11.79191	4.26395	7.12702	8.73E-02	0.01256	6.4E-05	0.02279	0.12272	1.15E-01	0.016614	5.22E-05	0.014146	1.46E-01	0.133763	0.016793	3.86E-05	0.015606	0.166201
4851	486863.09	3861877.25	3.4192	11.44526	4.63281	6.88508	7.80E-02	0.01219	7E-05	0.02201	0.1123	1.03E-01	0.016126	5.67E-05	0.013666	1.33E-01	0.119552	0.0163	4.19E-05	0.015076	0.15097
4852	487363.09	3861877.25	3.62755	11.36006	4.93631	7.33725	8.28E-02	0.0121	7.4E-05	0.02346	0.11842	1.09E-01	0.016006	6.04E-05	0.014564	1.40E-01	0.126837	0.016178	4.47E-05	0.016066	0.159126
4853	487863.09	3861877.25	4.0256	11.62479	5.44562	8.48933	9.19E-02	0.01238	8.2E-05	0.02714	0.13147	1.21E-01	0.016379	6.66E-05	0.01685	1.55E-01	0.140755	0.016555	4.93E-05	0.018589	0.175948
4854	488363.09	3861877.25	4.46206	11.23783	6.04748	9.12795	1.02E-01	0.01197	9.1E-05	0.02918	0.14307	1.35E-01	0.015833	7.4E-05	0.018118	1.69E-01	0.156016	0.016004	5.47E-05	0.019987	0.192062
4855	488863.09	3861877.25	5.04946	10.663	6.72921	9.9717	1.15E-01	0.01136	0.0001	0.03188	0.15857	1.52E-01	0.015023	8.24E-05	0.019793	1.87E-01	0.176554	0.015186	6.09E-05	0.021835	0.213635
4856	489363.09	3861877.25	5.92265	10.60219	7.75567	17.89377	1.35E-01	0.01129	0.00012	0.05721	0.20378	1.79E-01	0.014938	9.49E-05	0.035517	2.29E-01	0.207085	0.015099	7.02E-05	0.039181	0.261436
4857	489863.09	3861877.25	6.36903	16.86056	8.12842	21.4456	1.45E-01	0.01796	0.00012	0.06856	0.23199	1.92E-01	0.023755	9.95E-05	0.042567	2.59E-01	0.222693	0.024012	7.35E-05	0.046959	0.293737
4858	490363.09	3861877.25	7.13436	11.84445	8.41056	14.18632	1.63E-01	0.01262	0.00013	0.04535	0.22091	2.15E-01	0.016688	0.000103	0.028158	2.60E-01	0.249452	0.016868	7.61E-05	0.031063	0.29746
4859	490863.09	3861877.25	7.53211	11.41723	8.54247	16.13008	1.72E-01	0.01216	0.00013	0.05157	0.23575	2.27E-01	0.016086	0.000105	0.032017	2.76E-01	0.26336	0.01626	7.73E-05	0.035319	0.315016
4860	491363.09	3861877.25	7.64541	11.91523	8.12843	16.17637	1.74E-01	0.01269	0.00012	0.05172	0.23901	2.31E-01	0.016788	9.95E-05	0.032108	2.80E-01	0.267321	0.016969	7.35E-05	0.035421	0.319785
4861	491863.09	3861877.25	8.03209	12.19099	8.46811	15.80829	1.83E-01	0.01299	0.00013	0.05054	0.24695	2.42E-01	0.017176	0.000104	0.031378	2.91E-01	0.280842	0.017362	7.66E-05	0.034615	0.332895
4862	492363.09	3861877.25	7.23142	11.00943	7.5269	13.98638	1.65E-01	0.01173	0.00011	0.04471	0.22158	2.18E-01	0.015512	9.21E-05	0.027762	2.62E-01	0.252846	0.015679	6.81E-05	0.030625	0.299219
4863	492863.09	3861877.25	6.39728	10.53091	7.36321	13.639	1.46E-01	0.01122	0.00011	0.0436	0.20093	1.93E-01	0.014837	9.01E-05	0.027072	2.35E-01	0.223681	0.014998	6.66E-05	0.029865	0.26861
4864	493363.09	3861877.25	6.01248	10.00202	7.0891	12.89726	1.37E-01	0.01066	0.00011	0.04123	0.1892	1.81E-01	0.014092	8.68E-05	0.0256	2.21E-01	0.210226	0.014244	6.41E-05	0.028241	0.252775
4865	493863.09	3861877.25	5.53699	8.87846	6.60713	11.35318	1.26E-01	0.00946	1E-04	0.0363	0.17221	1.67E-01	0.012509	8.09E-05	0.022535	2.02E-01	0.193601	0.012644	5.98E-05	0.02486	0.231164
4866	494363.09	3861877.25	4.81696	8.5577	6.0073	10.83659	1.10E-01	0.00912	9.1E-05	0.03464	0.15378	1.45E-01	0.012057	7.35E-05	0.02151	1.79E-01	0.168425	0.012187	5.43E-05	0.023729	0.204395
4867	494863.09	3861877.25	4.77219	8.22966	5.69552	10.47171	1.09E-01	0.00877	8.6E-05	0.03348	0.15124	1.44E-01	0.011595	6.97E-05	0.020785	1.76E-01	0.166859	0.01172	5.15E-05	0.02293	0.201561
4868	495363.09	3861877.25	5.08995	8.54093	6.28633	10.97118	1.16E-01	0.0091	9.5E-05	0.03508	0.16043	1.54E-01	0.012034	7.69E-05	0.021777	1.88E-01	0.17797	0.012164	5.69E-05	0.024023	0.214213
4869	495863.09	3861877.25	4.62246	7.65451	5.94971	9.90898	1.05E-01	0.00815	9E-05	0.03168	0.14541	1.40E-01	0.010785	7.28E-05	0.019668	1.70E-01	0.161624	0.010901	5.38E-05	0.021697	0.194276
4870	496363.09	3861877.25	4.12208	7.27442	5.29273	9.31573	9.41E-02	0.00775	8E-05	0.02978	0.13168	1.24E-01	0.010249	6.48E-05	0.018491	1.53E-01	0.144128	0.01036	4.79E-05	0.020398	0.174934
4871	496863.09	3861877.25	4.4956	7.35562	5.83701	9.54871	1.03E-01	0.00784	8.8E-05	0.03053	0.14104	1.36E-01	0.010364	7.14E-05	0.018953	1.65E-01	0.157188	0.010475	5.28E-05	0.020908	0.188625
4872	497363.09	3861877.25	3.98374	6.26338	5.16196	7.90913	9.09E-02	0.00667	7.8E-05	0.02529	0.12295	1.20E-01	0.008825	6.32E-05	0.015699	1.45E-01	0.139291	0.00892	4.67E-05	0.017318	0.165576
4873	497863.09	3861877.25	3.61424	5.79932	4.76418	7.46583	8.25E-02	0.00618	7.2E-05	0.02387	0.1126	1.09E-01	0.008171	5.83E-05	0.014819	1.32E-01	0.126372	0.008259	4.31E-05	0.016348	0.151022
4874	498363.09	3861877.25	3.34624	5.40239	4.43122	6.9338	7.64E-02	0.00576	6.7E-05	0.02217	0.10435	1.01E-01	0.007612	5.42E-05	0.013763	1.22E-01	0.117001	0.007694	4.01E-05	0.015183	0.139918
4875	471363.09	3862377.25	1.55098	3.9196	2.06927	3.22833	3.54E-02	0.00418	3.1E-05	0.01032	0.04992	4.68E-02	0.005522	2.53E-05	0.006408	5.88E-02	0.05423	0.005582	1.87E-05	0.007069	0.0669
4876	471863.09	3862377.25	1.55917	3.34872	2.06942	2.91693	3.56E-02	0.00357	3.1E-05	0.00933	0.04851	4.71E-02	0.004718	2.53E-05	0.00579	5.76E-02	0.054516	0.004769	1.87E-05	0.006387	0.065691

4877	472363.09	3862377.25	1.55748	3.3623	2.08607	3.05355	3.55E-02	0.00358	3.1E-05	0.00976	0.04892	4.70E-02	0.004737	2.55E-05	0.006061	5.78E-02	0.054457	0.004788	1.89E-05	0.006686	0.065951
4878	472863.09	3862377.25	1.5761	3.55719	2.12743	3.16746	3.60E-02	0.00379	3.2E-05	0.01013	0.04992	4.76E-02	0.005012	2.6E-05	0.006287	5.89E-02	0.055108	0.005066	1.92E-05	0.006936	0.067129
4879	473363.09	3862377.25	1.59001	3.79748	2.15979	3.2081	3.63E-02	0.00405	3.3E-05	0.01026	0.05062	4.80E-02	0.00535	2.64E-05	0.006368	5.97E-02	0.055595	0.005408	1.95E-05	0.007025	0.068047
4880	473863.09	3862377.25	1.62059	4.48968	2.1833	3.22928	3.70E-02	0.00478	3.3E-05	0.01032	0.05212	4.89E-02	0.006326	2.67E-05	0.00641	6.17E-02	0.056664	0.006394	1.98E-05	0.007071	0.070149
4881	474363.09	3862377.25	1.70443	4.49804	2.23489	3.23552	3.89E-02	0.00479	3.4E-05	0.01034	0.05407	5.14E-02	0.006337	2.74E-05	0.006422	6.42E-02	0.059595	0.006406	2.02E-05	0.007085	0.073106
4882	474863.09	3862377.25	1.80408	4.77026	2.45195	3.21492	4.12E-02	0.00508	3.7E-05	0.01028	0.05657	5.44E-02	0.006721	3E-05	0.006381	6.76E-02	0.06308	0.006794	2.22E-05	0.00704	0.076935
4883	475363.09	3862377.25	1.81088	4.90052	2.52723	3.27322	4.13E-02	0.00522	3.8E-05	0.01046	0.05705	5.47E-02	0.006905	3.09E-05	0.006497	6.81E-02	0.063317	0.006979	2.29E-05	0.007167	0.077486
4884	475863.09	3862377.25	1.81978	4.52862	2.54429	3.31082	4.15E-02	0.00482	3.8E-05	0.01058	0.05698	5.49E-02	0.006381	3.11E-05	0.006572	6.79E-02	0.063629	0.006449	2.3E-05	0.00725	0.077351
4885	476363.09	3862377.25	1.85284	5.06562	2.58974	3.31963	4.23E-02	0.0054	3.9E-05	0.01061	0.05833	5.59E-02	0.007137	3.17E-05	0.006589	6.97E-02	0.064784	0.007214	2.34E-05	0.007269	0.079291
4886	476863.09	3862377.25	1.92287	5.03271	2.68841	3.29922	4.39E-02	0.00536	4.1E-05	0.01055	0.05983	5.80E-02	0.007091	3.29E-05	0.006549	7.17E-02	0.067233	0.007167	2.43E-05	0.007224	0.081649
4887	477363.09	3862377.25	1.9379	6.36244	2.69896	3.1697	4.42E-02	0.00678	4.1E-05	0.01013	0.06118	5.85E-02	0.008964	3.3E-05	0.006292	7.38E-02	0.067759	0.009061	2.44E-05	0.006941	0.083785
4888	477863.09	3862377.25	2.33877	7.68128	3.14575	2.49439	5.34E-02	0.00818	4.7E-05	0.00797	0.06958	7.06E-02	0.010822	3.85E-05	0.004951	8.64E-02	0.081775	0.010939	2.85E-05	0.005462	0.098205
4889	478363.09	3862377.25	1.98193	5.76053	2.74334	2.42584	4.52E-02	0.00614	4.1E-05	0.00776	0.05916	5.98E-02	0.008116	3.36E-05	0.004815	7.28E-02	0.069298	0.008204	2.48E-05	0.005312	0.082839
4890	478863.09	3862377.25	2.04959	6.32462	2.80366	2.38984	4.68E-02	0.00674	4.2E-05	0.00764	0.06119	6.19E-02	0.008911	3.43E-05	0.004744	7.55E-02	0.071664	0.009007	2.54E-05	0.005233	0.085929
4891	479363.09	3862377.25	2.34228	7.78803	3.22555	2.3688	5.35E-02	0.0083	4.9E-05	0.00757	0.06937	7.07E-02	0.010973	3.95E-05	0.004702	8.64E-02	0.081898	0.011091	2.92E-05	0.005187	0.098205
4892	479863.09	3862377.25	2.06843	6.22011	2.77839	3.47337	4.72E-02	0.00663	4.2E-05	0.0111	0.06498	6.24E-02	0.008764	3.4E-05	0.006894	7.81E-02	0.072323	0.008858	2.51E-05	0.007606	0.088812
4893	480363.09	3862377.25	1.84644	5.98265	2.48476	3.83843	4.21E-02	0.00637	3.7E-05	0.01227	0.06082	5.57E-02	0.008429	3.04E-05	0.007619	7.18E-02	0.064561	0.00852	2.25E-05	0.008405	0.081508
4894	480863.09	3862377.25	1.91186	5.93741	2.57606	3.92327	4.36E-02	0.00633	3.9E-05	0.01254	0.06254	5.77E-02	0.008365	3.15E-05	0.007787	7.39E-02	0.066848	0.008456	2.33E-05	0.008591	0.083918
4895	481363.09	3862377.25	1.97889	6.45321	2.66734	3.99773	4.52E-02	0.00687	4E-05	0.01278	0.06486	5.97E-02	0.009092	3.26E-05	0.007935	7.68E-02	0.069192	0.00919	2.41E-05	0.008754	0.08716
4896	481863.09	3862377.25	2.03503	8.02915	2.74129	4.04754	4.64E-02	0.00855	4.1E-05	0.01294	0.06798	6.14E-02	0.011313	3.36E-05	0.008034	8.08E-02	0.071155	0.011435	2.48E-05	0.008863	0.091477
4897	482363.09	3862377.25	2.08588	7.55516	2.81265	4.08918	4.76E-02	0.00805	4.2E-05	0.01307	0.06877	6.30E-02	0.010645	3.44E-05	0.008117	8.17E-02	0.072933	0.01076	2.54E-05	0.008954	0.092672
4898	482863.09	3862377.25	2.10792	7.72394	2.83205	4.1512	4.81E-02	0.00823	4.3E-05	0.01327	0.06965	6.36E-02	0.010883	3.47E-05	0.00824	8.28E-02	0.073703	0.011	2.56E-05	0.00909	0.093819
4899	483363.09	3862377.25	3.24469	12.15222	2.97644	4.30606	7.40E-02	0.01295	4.5E-05	0.01377	0.1008	9.79E-02	0.017122	3.64E-05	0.008547	1.24E-01	0.11345	0.017307	2.69E-05	0.009429	0.140213
4900	483863.09	3862377.25	4.22191	8.66334	5.48619	4.41078	9.63E-02	0.00923	8.3E-05	0.0141	0.11976	1.27E-01	0.012206	6.71E-05	0.008755	1.48E-01	0.147619	0.012338	4.96E-05	0.009658	0.169664
4901	484363.09	3862377.25	4.56903	9.12236	6.32797	8.42185	1.04E-01	0.00972	9.5E-05	0.02692	0.14101	1.38E-01	0.012853	7.74E-05	0.016716	1.68E-01	0.159756	0.012992	5.72E-05	0.018441	0.191246
4902	484863.09	3862377.25	4.52347	9.17167	6.26985	8.19779	1.03E-01	0.00977	9.4E-05	0.02621	0.1393	1.37E-01	0.012922	7.67E-05	0.016272	1.66E-01	0.158163	0.013062	5.67E-05	0.01795	0.189232
4903	485363.09	3862377.25	4.40386	9.61653	6.09334	7.6615	1.00E-01	0.01024	9.2E-05	0.02449	0.13533	1.33E-01	0.013549	7.46E-05	0.015207	1.62E-01	0.153981	0.013695	5.51E-05	0.016776	0.184507
4904	485863.09	3862377.25	4.33025	9.80666	5.94282	7.40417	9.88E-02	0.01045	9E-05	0.02367	0.13303	1.31E-01	0.013817	7.27E-05	0.014697	1.59E-01	0.151407	0.013966	5.38E-05	0.016213	0.181639
4905	486363.09	3862377.25	3.62284	13.35445	3.96285	7.04642	8.27E-02	0.01423	6E-05	0.02253	0.11949	1.09E-01	0.018816	4.85E-05	0.013986	1.42E-01	0.126672	0.019019	3.59E-05	0.015429	0.161156
4906	486863.09	3862377.25	3.16214	9.89727	4.28778	6.78872	7.22E-02	0.01054	6.5E-05	0.0217	0.10447	9.54E-02	0.013945	5.25E-05	0.013475	1.23E-01	0.110564	0.014095	3.88E-05	0.014865	0.139563
4907	487363.09	3862377.25	3.33744	10.0714	4.52215	6.67817	7.62E-02	0.01073	6.8E-05	0.02135	0.10831	1.01E-01	0.01419	5.53E-05	0.013255	1.28E-01	0.116693	0.014343	4.09E-05	0.014623	0.1457
4908	487863.09	3862377.25	3.66934	10.10941	4.98018	7.55556	8.37E-02	0.01077	7.5E-05	0.02416	0.11874	1.11E-01	0.014244	6.1E-05	0.014997	1.40E-01	0.128298	0.014397	4.51E-05	0.016544	0.159285
4909	488363.09	3862377.25	4.00587	9.87226	5.41989	8.34293	9.14E-02	0.01052	8.2E-05	0.02667	0.12869	1.21E-01	0.013909	6.63E-05	0.01656	1.51E-01	0.140065	0.01406	4.9E-05	0.018268	0.172442
4910	488863.09	3862377.25	4.35896	9.92227	5.7758	9.12975	9.95E-02	0.01057	8.7E-05	0.02919	0.13932	1.32E-01	0.01398	7.07E-05	0.018122	1.64E-01	0.152411	0.014131	5.23E-05	0.019991	0.186585
4911	489363.09	3862377.25	5.17463	9.13381	6.88526	12.37251	1.18E-01	0.00973	0.0001	0.03956	0.16748	1.56E-01	0.012869	8.43E-05	0.024558	1.94E-01	0.180931	0.013008	6.23E-05	0.027092	0.221092
4912	489863.09	3862377.25	5.72144	12.72804	7.1122	18.64331	1.31E-01	0.01356	0.00011	0.0596	0.20384	1.73E-01	0.017933	8.7E-05	0.037005	2.28E-01	0.20005	0.018127	6.43E-05	0.040823	0.259063
4913	490363.09	3862377.25	6.2588	14.9577	7.6931	18.49244	1.43E-01	0.01594	0.00012	0.05912	0.218	1.89E-01	0.021074	9.42E-05	0.036706	2.47E-01	0.218839	0.021302	6.96E-05	0.040492	0.280702
4914	490863.09	3862377.25	6.76776	9.83831	7.84749	13.75664	1.54E-01	0.01048	0.00012	0.04398	0.20903	2.04E-01	0.013862	9.6E-05	0.027305	2.46E-01	0.236634	0.014011	7.1E-05	0.030122	0.280839
4915	491363.09	3862377.25	7.0265	10.23938	7.90694	14.33238	1.60E-01	0.01091	0.00012	0.04582	0.2172	2.12E-01	0.014427	9.68E-05	0.028448	2.55E-01	0.245681	0.014582	7.15E-05	0.031383	0.291718
4916	491863.09	3862377.25	6.71454	10.71716	7.21675	14.45276	1.53E-01	0.01142	0.00011	0.04621	0.21096	2.03E-01	0.0151	8.83E-05	0.028687	2.47E-01	0.234774	0.015263	6.53E-05	0.031647	0.281748
4917	492363.09	3862377.25	7.03637	10.81629	7.45781	13.85327	1.61E-01	0.01152	0.00011	0.04429	0.2165	2.12E-01	0.015239	9.13E-05	0.027497	2.55E-01	0.246026	0.015404	6.75E-05	0.030334	0.291832
4918	492863.09	3862377.25	6.26434	9.59432	7.00379	11.95	1.43E-01	0.01022	0.00011	0.0382	0.19149	1.89E-01	0.013518	8.57E-05	0.02372	2.26E-01	0.219032	0.013664	6.34E-05	0.026167	0.258926
4919	493363.09	3862377.25	5.95001	9.62214	6.63276	12.30392	1.36E-01	0.01025	1E-04	0.03934	0.18547	1.80E-01	0.013557	8.12E-05	0.024422	2.18E-01	0.208042	0.013703	6E-05	0.026941	0.248747
4920	493863.09	3862377.25	5.61259	9.20739	6.25817	11.77504	1.28E-01	0.00981	9.4E-05	0.03765	0.17563	1.69E-01	0.012973	7.66E-05	0.023372	2.06E-01	0.196244	0.013113	5.66E-05	0.025783	0.235197
4921	494363.09	3862377.25	5.10758	8.50452	5.85403	10.75129	1.17E-01	0.00906	8.8E-05	0.03437	0.16008	1.54E-01	0.011982	7.16E-05	0.02134	1.88E-01	0.178586	0.012112	5.3E-05	0.023542	0.214293
4922	494863.09	3862377.25	4.69088	7.92185	5.56417	10.04341	1.07E-01	0.00844	8.4E-05	0.03211	0.14768	1.42E-01	0.011161	6.81E-05	0.019935	1.73E-01	0.164016	0.011282	5.03E-05	0.021992	0.19734
4923	495363.09	3862377.25	4.17326	7.31821	5.10874	9.18554	9.52E-02	0.0078	7.7E-05	0.02937	0.13248	1.26E-01	0.010311	6.25E-05	0.018232	1.55E-01	0.145918	0.010422	4.62E-05	0.020113	0.176499
4924	495863.09	3862377.25	4.38794	7.52102	4.79231	9.62477	1.00E-01	0.00801	7.2E-05	0.03077	0.13899	1.32E-01	0.010597	5.87E-05	0.019104	1.62E-01	0.153424	0.010711	4.34E-05	0.021075	0.185253
4925	496363.09	3862377.25	4.46126	7.42397	5.57839	9.44403	1.02E-01	0.00791	8.4E-05	0.03019	0.14	1.35E-01	0.01046	6.83E-05	0.018745	1.64E-01	0.155988	0.010573	5.05E-05	0.020679	0.18729
4926	496863.09	3862377.25	3.9899	6.89344	5.12356	8.89659	9.11E-02	0.00734	7.7E-05	0.02844	0.12692	1.20E-01	0.009712	6.27E-05	0.017659	1.48E-01	0.139507	0.009817	4.64E-05	0.019481	0.168851
4927	497363.09	3862377.25	3.65738	6.44695	4.64672	8.25666	8.35E-02	0.00687	7E-05	0.0264	0.1168	1.10E-01	0.009083	5.69E-05	0.016389	1.36E-01	0.12788	0.009181	4.2E-05	0.018079	0.155183
4928	497863.09	3862377.25	3.59741	6.01994	4.5925	7.60391	8.21E-02	0.00641	6.9E-05	0.02431	0.11289	1.09E-01	0.008482	5.62E-05	0.015093	1.32E-01	0.125783	0.008573	4.15E-05	0.01665	0.151048
4929	498363.09	3862377.25	3.35086	5.41445	4.29962	6.93499	7.65E-02	0.00577	6.5E-05	0.02217	0.10447	1.01E-01	0.007629	5.26E-05	0.013765	1.23E-01	0.117163	0.007711	3.89E-05	0.015185	0.140098
4930	471363.09	3862877.25	1.43374	3.08175	1.94375	2.88314	3.27E-02	0.00328	2.9E-05	0.00922	0.04525	4.33E-02	0.004342	2.38E-05	0.005723	5.34E-02	0.050131	0.004389	1.76E-05	0.006313	0.06085
4931	471863.09	3862877.25	1.45388	3.31407	1.97684	3.01036	3.32E-02	0.00353	3E-05	0.00962	0.04636	4.39E-02	0.004669	2.42E-05	0.005975	5.45E-02	0.050835	0.00472	1.79E-05	0.006592	0.062164
4932	472363.09	3862877.25	1.47074	3.37801	1.99649	3.06415	3.36E-02	0.0036	3E-05	0.0098	0.04699	4.44E-02	0.004759	2.44E-05	0.006082	5.53E-02	0.051424	0.004811	1.81E-05	0.006709	0.062963
4933	472863.09	3862877.25	1.50346	4.0642	2.02538	3.0839	3.43E-02	0.00433	3.1E-05	0.00986	0.04853	4.54E-02	0.005726	2.48E-05	0.006121	5.72E-02	0.052568	0.005788	1.83E-05	0.006753	0.065127
4934	473363.09	3862877.25	1.55608	4.13244	2.06778	3.10325	3.55E-02	0.0044	3.1E-05	0.00992	0.04987	4.70E-02	0.005822	2.53E-05	0.00616	5.90E-02	0.054408	0.005885	1.87E-05	0.006795	0.067107
4935	473863.09	3862877.25	1.68529	4.14482	2.14607	3.11838	3.85E-02	0.00442	3.2E-05	0.00997	0.05288	5.09E-02	0.00584	2.63E-05	0.00619	6.29E-02	0.058926	0.005903	1.94E-05	0.006828	0.071677
4936	474363.09	3862877.25	1.75272	3.7199	2.40974	3.12327	4.00E-02	0.00396	3.6E-05	0.00999	0.05398	5.29E-02	0.005241	2.95E-05	0.006199	6.44E-02	0.061284	0.005298	2.18E-05	0.006839	0.073442
4937	474863.09	3862877.25	1.78891	4.831	2.49708	3.13233	4.08E-02	0.00515	3.8E-05	0.01001	0.05602	5.40E-02	0.006807	3.06E-05	0.006217	6.70E-02	0.062549	0.00688	2.26E-05	0.006859	0.076311

4938	475363.09	3862877.25	1.78747	4.47956	2.4947	3.16492	4.08E-02	0.00477	3.8E-05	0.01012	0.05572	5.39E-02	0.006311	3.05E-05	0.006282	6.66E-02	0.062499	0.00638	2.26E-05	0.00693	0.075831
4939	475863.09	3862877.25	1.8015	4.42973	2.50831	3.18287	4.11E-02	0.00472	3.8E-05	0.01018	0.05604	5.44E-02	0.006241	3.07E-05	0.006318	6.70E-02	0.062989	0.006309	2.27E-05	0.006969	0.07629
4940	476363.09	3862877.25	1.85103	4.70088	2.57723	3.1857	4.22E-02	0.00501	3.9E-05	0.01018	0.05747	5.59E-02	0.006623	3.15E-05	0.006323	6.88E-02	0.064721	0.006695	2.33E-05	0.006976	0.078415
4941	476863.09	3862877.25	1.91383	5.16308	2.6787	3.14906	4.37E-02	0.0055	4E-05	0.01007	0.05928	5.78E-02	0.007274	3.28E-05	0.006251	7.13E-02	0.066917	0.007353	2.42E-05	0.006895	0.08119
4942	477363.09	3862877.25	1.95232	4.71213	2.73497	3.02761	4.46E-02	0.00502	4.1E-05	0.00968	0.05929	5.89E-02	0.006639	3.35E-05	0.006009	7.16E-02	0.068263	0.006711	2.47E-05	0.006629	0.081628
4943	477863.09	3862877.25	2.18071	5.73287	2.86574	3.04141	4.98E-02	0.00611	4.3E-05	0.00972	0.06564	6.58E-02	0.008077	3.51E-05	0.006037	8.00E-02	0.076248	0.008164	2.59E-05	0.00666	0.091098
4944	478363.09	3862877.25	2.23974	6.81532	3.0557	2.40128	5.11E-02	0.00726	4.6E-05	0.00768	0.0661	6.76E-02	0.009602	3.74E-05	0.004766	8.20E-02	0.078312	0.009706	2.76E-05	0.005258	0.093304
4945	478863.09	3862877.25	2.30717	6.82508	3.15733	2.36574	5.27E-02	0.00727	4.8E-05	0.00756	0.06753	6.96E-02	0.009616	3.86E-05	0.004696	8.40E-02	0.08067	0.00972	2.86E-05	0.00518	0.095599
4946	479363.09	3862877.25	2.39293	7.3651	3.25901	2.34988	5.46E-02	0.00785	4.9E-05	0.00751	0.07002	7.22E-02	0.010377	3.99E-05	0.004664	8.73E-02	0.083669	0.010489	2.95E-05	0.005145	0.099333
4947	479863.09	3862877.25	1.72327	5.1254	2.33034	3.59941	3.93E-02	0.00546	3.5E-05	0.01151	0.05633	5.20E-02	0.007221	2.85E-05	0.007144	6.64E-02	0.060254	0.007299	2.11E-05	0.007882	0.075456
4948	480363.09	3862877.25	1.7754	5.8648	2.38874	3.69177	4.05E-02	0.00625	3.6E-05	0.0118	0.0586	5.36E-02	0.008263	2.92E-05	0.007328	6.92E-02	0.062077	0.008352	2.16E-05	0.008084	0.078534
4949	480863.09	3862877.25	1.83728	5.90876	2.47624	3.78588	4.19E-02	0.00629	3.7E-05	0.0121	0.06036	5.55E-02	0.008325	3.03E-05	0.007515	7.13E-02	0.06424	0.008415	2.24E-05	0.00829	0.080968
4950	481363.09	3862877.25	1.8814	7.13409	2.53512	3.82957	4.29E-02	0.0076	3.8E-05	0.01224	0.06282	5.68E-02	0.010051	3.1E-05	0.007601	7.45E-02	0.065783	0.01016	2.29E-05	0.008385	0.084351
4951	481863.09	3862877.25	1.95285	6.74198	2.63405	3.84488	4.46E-02	0.00718	4E-05	0.01229	0.06408	5.89E-02	0.009499	3.22E-05	0.007632	7.61E-02	0.068281	0.009602	2.38E-05	0.008419	0.086326
4952	482363.09	3862877.25	1.93664	6.81241	2.60451	3.90853	4.42E-02	0.00726	3.9E-05	0.0125	0.06399	5.84E-02	0.009598	3.19E-05	0.007758	7.58E-02	0.067715	0.009702	2.36E-05	0.008558	0.085998
4953	482863.09	3862877.25	1.9968	7.03884	2.69204	3.95969	4.56E-02	0.0075	4.1E-05	0.01266	0.06577	6.03E-02	0.009917	3.29E-05	0.00786	7.81E-02	0.069818	0.010024	2.44E-05	0.00867	0.088537
4954	483363.09	3862877.25	3.31688	11.63041	2.81927	4.14131	7.57E-02	0.01239	4.2E-05	0.01324	0.10137	1.00E-01	0.016387	3.45E-05	0.00822	1.25E-01	0.115975	0.016563	2.55E-05	0.009068	0.141632
4955	483863.09	3862877.25	4.21005	8.19223	5.56698	4.71799	9.61E-02	0.00873	8.4E-05	0.01508	0.11997	1.27E-01	0.011542	6.81E-05	0.009365	1.48E-01	0.147204	0.011667	5.04E-05	0.010331	0.169252
4956	484363.09	3862877.25	4.47254	7.92265	6.19772	8.27042	1.02E-01	0.00844	9.3E-05	0.02644	0.13704	1.35E-01	0.011163	7.59E-05	0.016416	1.63E-01	0.156382	0.011283	5.61E-05	0.018109	0.185831
4957	484863.09	3862877.25	4.41184	8.51807	6.11844	7.94344	1.01E-01	0.00907	9.2E-05	0.0254	0.13524	1.33E-01	0.012001	7.49E-05	0.015767	1.61E-01	0.15426	0.012131	5.54E-05	0.017393	0.18384
4958	485363.09	3862877.25	4.34754	8.80136	6.0154	7.60647	9.92E-02	0.00938	9.1E-05	0.02432	0.133	1.31E-01	0.012401	7.36E-05	0.015098	1.59E-01	0.152011	0.012534	5.44E-05	0.016656	0.181256
4959	485863.09	3862877.25	4.21315	8.68799	5.7144	7.26055	9.61E-02	0.00926	8.6E-05	0.02321	0.1287	1.27E-01	0.012241	6.99E-05	0.014411	1.54E-01	0.147313	0.012373	5.17E-05	0.015898	0.175635
4960	486363.09	3862877.25	3.47524	14.27108	3.7152	7.08459	7.93E-02	0.0152	5.6E-05	0.02265	0.11722	1.05E-01	0.020107	4.55E-05	0.014062	1.39E-01	0.121512	0.020324	3.36E-05	0.015513	0.157382
4961	486863.09	3862877.25	2.93354	8.8356	3.97609	6.69046	6.69E-02	0.00941	6E-05	0.02139	0.09781	8.85E-02	0.012449	4.87E-05	0.01328	1.14E-01	0.102571	0.012583	3.6E-05	0.01465	0.12984
4962	487363.09	3862877.25	3.09294	9.00544	4.18348	6.1501	7.06E-02	0.00959	6.3E-05	0.01966	0.0999	9.33E-02	0.012688	5.12E-05	0.012207	1.18E-01	0.108144	0.012825	3.78E-05	0.013467	0.134474
4963	487863.09	3862877.25	3.31623	8.96533	4.53398	6.70717	7.57E-02	0.00955	6.8E-05	0.02144	0.10674	1.00E-01	0.012632	5.55E-05	0.013313	1.26E-01	0.115952	0.012768	4.1E-05	0.014686	0.143447
4964	488363.09	3862877.25	3.61601	8.91651	4.89961	7.73045	8.25E-02	0.0095	7.4E-05	0.02471	0.11681	1.09E-01	0.012563	6E-05	0.015344	1.37E-01	0.126434	0.012698	4.43E-05	0.016927	0.156103
4965	488863.09	3862877.25	3.96351	8.52654	5.30645	8.2036	9.05E-02	0.00908	8E-05	0.02623	0.12584	1.20E-01	0.012013	6.49E-05	0.016283	1.48E-01	0.138584	0.012143	4.8E-05	0.017963	0.168738
4966	489363.09	3862877.25	4.26803	8.30191	5.60054	8.64025	9.74E-02	0.00884	8.4E-05	0.02762	0.13395	1.29E-01	0.011697	6.85E-05	0.01715	1.58E-01	0.149231	0.011823	5.07E-05	0.018919	0.180024
4967	489863.09	3862877.25	5.03537	9.41759	6.47877	14.18901	1.15E-01	0.01003	9.8E-05	0.04536	0.1704	1.52E-01	0.013269	7.93E-05	0.028164	1.93E-01	0.176061	0.013412	5.86E-05	0.031069	0.220601
4968	490363.09	3862877.25	5.2139	13.45368	6.49092	18.15193	1.19E-01	0.01433	9.8E-05	0.05803	0.19145	1.57E-01	0.018955	7.94E-05	0.03603	2.12E-01	0.182304	0.01916	5.87E-05	0.039747	0.241269
4969	490863.09	3862877.25	5.83851	11.83715	7.07225	14.41342	1.33E-01	0.01261	0.00011	0.04608	0.19204	1.76E-01	0.016678	8.66E-05	0.028609	2.22E-01	0.204143	0.016858	6.4E-05	0.031561	0.252626
4970	491363.09	3862877.25	6.28773	9.66798	7.13225	13.43541	1.43E-01	0.0103	0.00011	0.04295	0.19685	1.90E-01	0.013622	8.73E-05	0.026668	2.30E-01	0.21985	0.013769	6.45E-05	0.029419	0.263102
4971	491863.09	3862877.25	6.41032	8.95187	7.17848	12.41756	1.46E-01	0.00954	0.00011	0.0397	0.19563	1.93E-01	0.012613	8.79E-05	0.024648	2.31E-01	0.224136	0.012749	6.49E-05	0.02719	0.26414
4972	492363.09	3862877.25	6.06472	9.77549	6.52757	13.07266	1.38E-01	0.01041	9.8E-05	0.04179	0.19071	1.83E-01	0.013773	7.99E-05	0.025948	2.23E-01	0.212053	0.013922	5.91E-05	0.028625	0.254658
4973	492863.09	3862877.25	6.25324	9.72651	6.64465	12.43259	1.43E-01	0.01036	0.0001	0.03975	0.19291	1.89E-01	0.013704	8.13E-05	0.024677	2.27E-01	0.218644	0.013852	6.01E-05	0.027223	0.259779
4974	493363.09	3862877.25	5.81828	8.63918	6.48503	11.11853	1.33E-01	0.0092	9.8E-05	0.03555	0.17763	1.76E-01	0.012172	7.94E-05	0.022069	2.10E-01	0.203436	0.012303	5.87E-05	0.024346	0.240144
4975	493863.09	3862877.25	5.52636	9.01577	6.22278	11.57149	1.26E-01	0.0096	9.4E-05	0.03699	0.17281	1.67E-01	0.012703	7.62E-05	0.022968	2.03E-01	0.193229	0.01284	5.63E-05	0.025338	0.231463
4976	494363.09	3862877.25	5.07293	8.26223	5.53138	10.30511	1.16E-01	0.0088	8.3E-05	0.03295	0.1576	1.53E-01	0.011641	6.77E-05	0.020455	1.85E-01	0.177375	0.011767	5E-05	0.022565	0.211756
4977	494863.09	3862877.25	4.59336	7.96019	5.38144	10.06025	1.05E-01	0.00848	8.1E-05	0.03216	0.14555	1.39E-01	0.011215	6.59E-05	0.019969	1.70E-01	0.160607	0.011336	4.87E-05	0.022029	0.19402
4978	495363.09	3862877.25	4.3729	7.17244	5.20432	9.06468	9.98E-02	0.00764	7.8E-05	0.02898	0.13649	1.32E-01	0.010106	6.37E-05	0.017992	1.60E-01	0.152898	0.010215	4.71E-05	0.019849	0.183009
4979	495863.09	3862877.25	3.91044	6.94008	4.77122	8.69487	8.92E-02	0.00739	7.2E-05	0.0278	0.1245	1.18E-01	0.009778	5.84E-05	0.017258	1.45E-01	0.136728	0.009884	4.32E-05	0.019039	0.165694
4980	496363.09	3862877.25	3.72859	6.51941	4.50348	8.07992	8.51E-02	0.00695	6.8E-05	0.02583	0.11793	1.13E-01	0.009185	5.51E-05	0.016038	1.38E-01	0.13037	0.009285	4.07E-05	0.017692	0.157388
4981	496863.09	3862877.25	4.06832	6.93285	4.61891	8.85815	9.28E-02	0.00739	7E-05	0.02832	0.12862	1.23E-01	0.009768	5.65E-05	0.017583	1.50E-01	0.142249	0.009873	4.18E-05	0.019396	0.17156
4982	497363.09	3862877.25	3.95834	6.58255	4.96286	8.24072	9.03E-02	0.00701	7.5E-05	0.02635	0.12377	1.19E-01	0.009274	6.07E-05	0.016357	1.45E-01	0.138403	0.009375	4.49E-05	0.018044	0.165867
4983	497863.09	3862877.25	3.49089	6.13337	4.48135	7.90333	7.97E-02	0.00653	6.8E-05	0.02527	0.11153	1.05E-01	0.008642	5.48E-05	0.015687	1.30E-01	0.122059	0.008735	4.05E-05	0.017306	0.14814
4984	498363.09	3862877.25	3.28975	5.80587	4.1363	7.43742	7.51E-02	0.00619	6.2E-05	0.02378	0.1051	9.93E-02	0.00818	5.06E-05	0.014763	1.22E-01	0.115026	0.008268	3.74E-05	0.016285	0.139617
4985	471363.09	3863377.25	1.37179	3.15054	1.85198	2.92183	3.13E-02	0.00336	2.8E-05	0.00934	0.04403	4.14E-02	0.004439	2.27E-05	0.0058	5.17E-02	0.047965	0.004487	1.68E-05	0.006398	0.058866
4986	471863.09	3863377.25	1.40123	3.55236	1.88719	2.94208	3.20E-02	0.00378	2.8E-05	0.00941	0.0452	4.23E-02	0.005005	2.31E-05	0.00584	5.32E-02	0.048994	0.005059	1.71E-05	0.006442	0.060512
4987	472363.09	3863377.25	1.42564	4.07957	1.92522	2.95736	3.25E-02	0.00435	2.9E-05	0.00945	0.04636	4.30E-02	0.005748	2.36E-05	0.00587	5.47E-02	0.049847	0.00581	1.74E-05	0.006476	0.06215
4988	472863.09	3863377.25	1.58821	3.58313	1.95274	2.9731	3.62E-02	0.00382	2.9E-05	0.00951	0.0496	4.79E-02	0.005048	2.39E-05	0.005901	5.89E-02	0.055532	0.005103	1.77E-05	0.00651	0.067162
4989	473363.09	3863377.25	1.66956	3.41432	2.21138	2.98923	3.81E-02	0.00364	3.3E-05	0.00956	0.05133	5.04E-02	0.004811	2.71E-05	0.005933	6.12E-02	0.058376	0.004862	2E-05	0.006545	0.069804
4990	473863.09	3863377.25	1.70993	3.75091	2.36785	3.00061	3.90E-02	0.004	3.6E-05	0.00959	0.05265	5.16E-02	0.005285	2.9E-05	0.005956	6.29E-02	0.059788	0.005342	2.14E-05	0.00657	0.071721
4991	474363.09	3863377.25	1.73778	4.58681	2.42376	3.0097	3.97E-02	0.00489	3.7E-05	0.00962	0.0542	5.24E-02	0.006463	2.97E-05	0.005974	6.49E-02	0.060761	0.006532	2.19E-05	0.00659	0.073906
4992	474863.09	3863377.25	1.72265	3.93473	2.40466	3.02518	3.93E-02	0.00419	3.6E-05	0.00967	0.05321	5.20E-02	0.005544	2.94E-05	0.006005	6.36E-02	0.060232	0.005604	2.18E-05	0.006624	0.072482
4993	475363.09	3863377.25	1.75787	4.17227	2.43388	3.01539	4.01E-02	0.00444	3.7E-05	0.00964	0.05424	5.31E-02	0.005878	2.98E-05	0.005985	6.49E-02	0.061464	0.005942	2.2E-05	0.006603	0.07403
4994	475863.09	3863377.25	1.81054	4.58063	2.52163	2.97251	4.13E-02	0.00488	3.8E-05	0.0095	0.05574	5.46E-02	0.006454	3.09E-05	0.0059	6.70E-02	0.063305	0.006523	2.28E-05	0.006509	0.076361
4995	476363.09	3863377.25	1.83482	4.23571	2.55921	2.8596	4.19E-02	0.00451	3.9E-05	0.00914	0.05557	5.54E-02	0.005968	3.13E-05	0.005676	6.71E-02	0.064154	0.006032	2.32E-05	0.006262	0.076471
4996	476863.09	3863377.25	1.85714	3.77007	2.59172	2.87688	4.24E-02	0.00402	3.9E-05	0.0092	0.05563	5.61E-02	0.005312	3.17E-05	0.00571	6.71E-02	0.064935	0.005369	2.34E-05	0.006299	0.076627
4997	477363.09	3863377.25	1.89062	4.03743	2.63841	3.29911	4.31E-02	0.0043	4E-05	0.01055	0.05803	5.71E-02	0.005688	3.23E-05	0.006548	6.93E-02	0.066105	0.00575	2.39E-05	0.007224	0.079103
4998	477863.09	3863377.25	1.9343	4.37833	2.7016	3.28694	4.41E-02	0.00466	4.1E-05	0.01051	0.05936	5.84E-02	0.006169	3.31E-05	0.006524	7.11E-02	0.067633	0.006235	2.44E-05	0.007197	0.08109

4999	478363.09	3863377.25	2.2847	5.6993	3.04218	2.88192	5.21E-02	0.00607	4.6E-05	0.00921	0.06747	6.90E-02	0.00803	3.72E-05	0.00572	8.27E-02	0.079884	0.008117	2.75E-05	0.00631	0.094339
5000	478863.09	3863377.25	2.03589	6.26823	2.68005	3.01643	4.65E-02	0.00668	4E-05	0.00964	0.06282	6.14E-02	0.008832	3.28E-05	0.005987	7.63E-02	0.071185	0.008927	2.42E-05	0.006605	0.086741
5001	479363.09	3863377.25	1.68041	4.7735	2.19904	3.34987	3.83E-02	0.00509	3.3E-05	0.01071	0.05418	5.07E-02	0.006726	2.69E-05	0.006649	6.41E-02	0.058755	0.006798	1.99E-05	0.007335	0.072909
5002	479863.09	3863377.25	1.64935	5.83986	2.21522	3.50871	3.76E-02	0.00622	3.3E-05	0.01122	0.05511	4.98E-02	0.008228	2.71E-05	0.006964	6.50E-02	0.057669	0.008317	2E-05	0.007683	0.073689
5003	480363.09	3863377.25	1.69954	5.3548	2.28985	3.56016	3.88E-02	0.0057	3.5E-05	0.01138	0.05591	5.13E-02	0.007545	2.8E-05	0.007067	6.59E-02	0.059424	0.007626	2.07E-05	0.007796	0.074867
5004	480863.09	3863377.25	1.75468	6.41874	2.36459	3.63799	4.00E-02	0.00684	3.6E-05	0.01163	0.05855	5.30E-02	0.009044	2.89E-05	0.007221	6.93E-02	0.061352	0.009141	2.14E-05	0.007966	0.078481
5005	481363.09	3863377.25	1.78193	5.93197	2.40343	3.66069	4.07E-02	0.00632	3.6E-05	0.0117	0.05872	5.38E-02	0.008358	2.94E-05	0.007266	6.94E-02	0.062305	0.008448	2.17E-05	0.008016	0.078791
5006	481863.09	3863377.25	1.80107	6.02129	2.43213	3.68193	4.11E-02	0.00641	3.7E-05	0.01177	0.05932	5.44E-02	0.008484	2.98E-05	0.007308	7.02E-02	0.062974	0.008575	2.2E-05	0.008062	0.079634
5007	482363.09	3863377.25	1.824	6.15791	2.46019	3.75036	4.16E-02	0.00656	3.7E-05	0.01199	0.06021	5.51E-02	0.008676	3.01E-05	0.007444	7.12E-02	0.063776	0.00877	2.23E-05	0.008212	0.08078
5008	482863.09	3863377.25	1.94507	6.77097	2.54942	3.77756	4.44E-02	0.00721	3.8E-05	0.01208	0.06372	5.87E-02	0.00954	3.12E-05	0.007498	7.58E-02	0.068009	0.009643	2.31E-05	0.008272	0.085947
5009	483363.09	3863377.25	3.35859	10.85125	3.00465	3.96808	7.66E-02	0.01156	4.5E-05	0.01269	0.10094	1.01E-01	0.015289	3.68E-05	0.007876	1.25E-01	0.117433	0.015454	2.72E-05	0.008689	0.141603
5010	483863.09	3863377.25	4.14683	7.20161	5.5538	5.18032	9.46E-02	0.00767	8.4E-05	0.01656	0.11895	1.25E-01	0.010147	6.8E-05	0.010282	1.46E-01	0.144994	0.010256	5.02E-05	0.011343	0.166643
5011	484363.09	3863377.25	4.32684	7.34104	5.9994	7.92077	9.87E-02	0.00782	9E-05	0.02532	0.13198	1.31E-01	0.010343	7.34E-05	0.015722	1.57E-01	0.151288	0.010455	5.43E-05	0.017344	0.179141
5012	484863.09	3863377.25	4.36738	7.56538	6.05911	7.9045	9.97E-02	0.00806	9.1E-05	0.02527	0.13309	1.32E-01	0.010659	7.42E-05	0.01569	1.58E-01	0.152705	0.010774	5.48E-05	0.017308	0.180842
5013	485363.09	3863377.25	4.264	7.62054	5.90048	7.45752	9.73E-02	0.00812	8.9E-05	0.02384	0.12936	1.29E-01	0.010737	7.22E-05	0.014802	1.54E-01	0.149091	0.010853	5.34E-05	0.016329	0.176326
5014	485863.09	3863377.25	4.09747	7.68744	5.44273	7.17582	9.35E-02	0.00819	8.2E-05	0.02294	0.12472	1.24E-01	0.010831	6.66E-05	0.014243	1.49E-01	0.143268	0.010948	4.92E-05	0.015713	0.169978
5015	486363.09	3863377.25	3.29757	14.31058	3.44486	6.96448	7.53E-02	0.01525	5.2E-05	0.02227	0.11282	9.95E-02	0.020163	4.22E-05	0.013824	1.34E-01	0.115299	0.02038	3.12E-05	0.01525	0.150961
5016	486863.09	3863377.25	2.73876	7.96635	3.70059	6.6393	6.25E-02	0.00849	5.6E-05	0.02123	0.09227	8.27E-02	0.011224	4.53E-05	0.013178	1.07E-01	0.095761	0.011345	3.35E-05	0.014538	0.121677
5017	487363.09	3863377.25	2.90754	8.13005	3.93053	5.76833	6.64E-02	0.00866	5.9E-05	0.01844	0.09351	8.78E-02	0.011455	4.81E-05	0.01145	1.11E-01	0.101662	0.011578	3.56E-05	0.012631	0.125907
5018	487863.09	3863377.25	3.03059	8.33554	4.12161	6.26971	6.92E-02	0.00888	6.2E-05	0.02004	0.09815	9.15E-02	0.011744	5.04E-05	0.012445	1.16E-01	0.105964	0.011871	3.73E-05	0.013729	0.131601
5019	488363.09	3863377.25	3.32076	8.06172	4.47397	7.06055	7.58E-02	0.00859	6.7E-05	0.02257	0.10701	1.00E-01	0.011358	5.48E-05	0.014014	1.26E-01	0.11611	0.011481	4.05E-05	0.01546	0.143092
5020	488863.09	3863377.25	3.59198	7.84427	4.77333	7.54042	8.20E-02	0.00836	7.2E-05	0.02411	0.11451	1.08E-01	0.011052	5.84E-05	0.014967	1.34E-01	0.125593	0.011171	4.32E-05	0.016511	0.153319
5021	489363.09	3863377.25	3.81128	7.6572	4.97993	8.1163	8.70E-02	0.00816	7.5E-05	0.02595	0.12116	1.15E-01	0.010789	6.1E-05	0.01611	1.42E-01	0.133261	0.010905	4.51E-05	0.017772	0.161983
5022	489863.09	3863377.25	4.40152	7.8946	5.80496	9.45742	1.00E-01	0.00841	8.7E-05	0.03024	0.13918	1.33E-01	0.011123	7.1E-05	0.018772	1.63E-01	0.153899	0.011243	5.25E-05	0.020709	0.185903
5023	490363.09	3863377.25	4.84816	10.5248	6.22156	15.19883	1.11E-01	0.01121	9.4E-05	0.04859	0.17054	1.46E-01	0.014829	7.61E-05	0.030168	1.91E-01	0.169516	0.014989	5.63E-05	0.03328	0.217841
5024	490863.09	3863377.25	5.02354	12.73683	6.2893	16.4784	1.15E-01	0.01357	9.5E-05	0.05268	0.18099	1.52E-01	0.017945	7.7E-05	0.032708	2.02E-01	0.175648	0.018139	5.69E-05	0.036082	0.229926
5025	491363.09	3863377.25	5.45734	8.79392	6.4056	10.58138	1.25E-01	0.00937	9.7E-05	0.03383	0.16783	1.65E-01	0.01239	7.84E-05	0.021003	1.98E-01	0.190816	0.012524	5.79E-05	0.02317	0.226567
5026	491863.09	3863377.25	5.57324	8.93983	6.24066	12.48775	1.27E-01	0.00952	9.4E-05	0.03992	0.17673	1.68E-01	0.012596	7.64E-05	0.024787	2.06E-01	0.194868	0.012732	5.65E-05	0.027344	0.235
5027	492363.09	3863377.25	5.94702	8.51872	6.63236	11.18285	1.36E-01	0.00908	1E-04	0.03575	0.18064	1.79E-01	0.012002	8.12E-05	0.022197	2.14E-01	0.207937	0.012132	6E-05	0.024487	0.244616
5028	492863.09	3863377.25	5.74494	9.35746	6.21565	12.12728	1.31E-01	0.00997	9.4E-05	0.03877	0.17994	1.73E-01	0.013184	7.61E-05	0.024071	2.11E-01	0.200872	0.013326	5.62E-05	0.026555	0.240809
5029	493363.09	3863377.25	5.98882	9.36933	6.40841	11.56642	1.37E-01	0.00998	9.7E-05	0.03698	0.18373	1.81E-01	0.013201	7.84E-05	0.022958	2.17E-01	0.209399	0.013343	5.8E-05	0.025327	0.248127
5030	493863.09	3863377.25	5.70015	8.56821	6.33956	10.58894	1.30E-01	0.00913	9.6E-05	0.03385	0.17316	1.72E-01	0.012072	7.76E-05	0.021018	2.05E-01	0.199305	0.012202	5.74E-05	0.023186	0.234751
5031	494363.09	3863377.25	5.31451	8.688	5.89424	10.79427	1.21E-01	0.00926	8.9E-05	0.03451	0.16514	1.60E-01	0.012241	7.21E-05	0.021426	1.94E-01	0.185822	0.012373	5.33E-05	0.023636	0.221884
5032	494863.09	3863377.25	4.62751	7.80837	5.41046	9.5433	1.06E-01	0.00832	8.2E-05	0.03051	0.14451	1.40E-01	0.011001	6.62E-05	0.018942	1.70E-01	0.161801	0.01112	4.89E-05	0.020897	0.193866
5033	495363.09	3863377.25	4.69301	7.92961	5.45305	9.62152	1.07E-01	0.00845	8.2E-05	0.03076	0.14639	1.42E-01	0.011172	6.67E-05	0.019098	1.72E-01	0.164091	0.011293	4.93E-05	0.021068	0.196501
5034	495863.09	3863377.25	4.45584	7.3026	5.04607	8.6549	1.02E-01	0.00778	7.6E-05	0.02767	0.13721	1.34E-01	0.010289	6.18E-05	0.017179	1.62E-01	0.155798	0.0104	4.57E-05	0.018951	0.185195
5035	496363.09	3863377.25	3.89028	6.65243	4.56865	8.27614	8.88E-02	0.00709	6.9E-05	0.02646	0.12239	1.17E-01	0.009373	5.59E-05	0.016427	1.43E-01	0.136023	0.009474	4.13E-05	0.018122	0.163661
5036	496863.09	3863377.25	3.41909	6.10661	4.15687	7.53641	7.80E-02	0.00651	6.3E-05	0.02409	0.10869	1.03E-01	0.008604	5.09E-05	0.014959	1.27E-01	0.119548	0.008697	3.76E-05	0.016502	0.144785
5037	497363.09	3863377.25	3.41317	5.89834	3.9805	7.38633	7.79E-02	0.00628	6E-05	0.02361	0.10785	1.03E-01	0.00831	4.87E-05	0.014661	1.26E-01	0.119341	0.0084	3.6E-05	0.016174	0.143951
5038	497863.09	3863377.25	3.72562	6.33524	4.37322	8.05221	8.50E-02	0.00675	6.6E-05	0.02574	0.11758	1.12E-01	0.008926	5.35E-05	0.015983	1.37E-01	0.130266	0.009022	3.96E-05	0.017632	0.15696
5039	498363.09	3863377.25	3.51925	5.87987	4.39652	7.2273	8.03E-02	0.00626	6.6E-05	0.02311	0.10975	1.06E-01	0.008284	5.38E-05	0.014345	1.29E-01	0.12305	0.008374	3.98E-05	0.015825	0.147289
5040	471363.09	3863877.25	1.33046	3.6387	1.79678	2.83184	3.04E-02	0.00388	2.7E-05	0.00905	0.04332	4.02E-02	0.005127	2.2E-05	0.005621	5.09E-02	0.046519	0.005182	1.63E-05	0.006201	0.057919
5041	471863.09	3863877.25	1.48446	3.86555	1.82468	2.82803	3.39E-02	0.00412	2.7E-05	0.00904	0.04706	4.48E-02	0.005446	2.23E-05	0.005613	5.59E-02	0.051904	0.005505	1.65E-05	0.006192	0.063618
5042	472363.09	3863877.25	1.6164	3.14517	1.98768	2.84596	3.69E-02	0.00335	3E-05	0.0091	0.04937	4.88E-02	0.004431	2.43E-05	0.005649	5.89E-02	0.056517	0.004479	1.8E-05	0.006232	0.067246
5043	472863.09	3863877.25	1.67176	3.44848	2.26624	2.85769	3.82E-02	0.00367	3.4E-05	0.00914	0.05099	5.05E-02	0.004859	2.77E-05	0.005672	6.10E-02	0.058453	0.004911	2.05E-05	0.006257	0.069642
5044	473363.09	3863877.25	1.6747	3.6705	2.3282	2.87158	3.82E-02	0.00391	3.5E-05	0.00918	0.05134	5.05E-02	0.005172	2.85E-05	0.0057	6.14E-02	0.058556	0.005227	2.11E-05	0.006288	0.070092
5045	473863.09	3863877.25	1.70227	4.32184	2.37552	2.86921	3.88E-02	0.0046	3.6E-05	0.00917	0.05266	5.14E-02	0.006089	2.91E-05	0.005695	6.32E-02	0.05952	0.006155	2.15E-05	0.006283	0.071979
5046	474363.09	3863877.25	1.70602	3.7445	2.38209	2.84861	3.89E-02	0.00399	3.6E-05	0.00911	0.05206	5.15E-02	0.005276	2.92E-05	0.005654	6.24E-02	0.059651	0.005333	2.16E-05	0.006238	0.071243
5047	474863.09	3863877.25	1.70711	4.07708	2.34835	2.75106	3.90E-02	0.00434	3.5E-05	0.0088	0.05213	5.15E-02	0.005744	2.87E-05	0.005461	6.28E-02	0.059689	0.005806	2.12E-05	0.006024	0.071541
5048	475363.09	3863877.25	1.76435	3.9026	2.45809	2.73542	4.03E-02	0.00416	3.7E-05	0.00875	0.0532	5.32E-02	0.005499	3.01E-05	0.00543	6.42E-02	0.06169	0.005558	2.22E-05	0.00599	0.07326
5049	475863.09	3863877.25	1.76757	3.49544	2.4658	2.74885	4.03E-02	0.00372	3.7E-05	0.00879	0.05289	5.33E-02	0.004925	3.02E-05	0.005456	6.38E-02	0.061803	0.004978	2.23E-05	0.006019	0.072822
5050	476363.09	3863877.25	1.79505	3.44818	2.50522	2.7644	4.10E-02	0.00367	3.8E-05	0.00884	0.05351	5.42E-02	0.004858	3.07E-05	0.005487	6.46E-02	0.062764	0.004911	2.27E-05	0.006053	0.07375
5051	476863.09	3863877.25	1.77995	3.75157	2.48218	3.09583	4.06E-02	0.004	3.7E-05	0.0099	0.05455	5.37E-02	0.005286	3.04E-05	0.006145	6.52E-02	0.062236	0.005343	2.25E-05	0.006779	0.07438
5052	477363.09	3863877.25	1.78612	4.10271	2.48808	3.27015	4.08E-02	0.00437	3.7E-05	0.01045	0.05562	5.39E-02	0.00578	3.05E-05	0.006491	6.62E-02	0.062452	0.005843	2.25E-05	0.007161	0.075477
5053	477863.09	3863877.25	1.82568	5.30426	2.55711	3.25481	4.17E-02	0.00565	3.9E-05	0.01041	0.05776	5.51E-02	0.007473	3.13E-05	0.00646	6.91E-02	0.063835	0.007554	2.31E-05	0.007127	0.078539
5054	478363.09	3863877.25	1.79929	5.02684	2.53646	3.06539	4.11E-02	0.00536	3.8E-05	0.0098	0.05625	5.43E-02	0.007082	3.1E-05	0.006084	6.75E-02	0.062912	0.007159	2.29E-05	0.006712	0.076806
5055	478863.09	3863877.25	1.52073	4.34552	2.05657	3.27464	3.47E-02	0.00463	3.1E-05	0.01047	0.04983	4.59E-02	0.006123	2.52E-05	0.0065	5.85E-02	0.053172	0.006189	1.86E-05	0.00717	0.06655
5056	479363.09	3863877.25	1.54186	5.73853	2.08827	3.33611	3.52E-02	0.00611	3.1E-05	0.01067	0.052	4.65E-02	0.008085	2.56E-05	0.006622	6.13E-02	0.053911	0.008173	1.89E-05	0.007305	0.069407
5057	479863.09	3863877.25	1.59235	4.96877	2.14339	3.36082	3.63E-02	0.00529	3.2E-05	0.01074	0.05241	4.81E-02	0.007001	2.62E-05	0.006671	6.18E-02	0.055676	0.007076	1.94E-05	0.007359	0.070131
5058	480363.09	3863877.25	1.62945	5.77084	2.19717	3.46148	3.72E-02	0.00615	3.3E-05	0.01107	0.05443	4.92E-02	0.008131	2.69E-05	0.006871	6.42E-02	0.056974	0.008219	1.99E-05	0.007579	0.072792
5059	480863.09	3863877.25	1.67066	5.35499	2.25333	3.489	3.81E-02	0.0057	3.4E-05	0.01115	0.05502	5.04E-02	0.007545	2.76E-05	0.006925	6.49E-02	0.058415	0.007626	2.04E-05	0.00764	0.073701

5060	481363.09	3863877.25	1.68771	5.34058	2.27999	3.50148		3.85E-02	0.00569	3.4E-05	0.01119	0.05543		5.09E-02	0.007525	2.79E-05	0.00695	6.54E-02		0.059011	0.007606	2.06E-05	0.007667	0.074304	
5061	481863.09	3863877.25	1.69783	5.37818	2.28483	3.5434		3.87E-02	0.00573	3.4E-05	0.01133	0.05584		5.12E-02	0.007578	2.8E-05	0.007033	6.59E-02		0.059365	0.007659	2.07E-05	0.007759	0.074803	
5062	482363.09	3863877.25	1.74631	5.7463	2.35634	3.59371		3.99E-02	0.00612	3.6E-05	0.01149	0.0575		5.27E-02	0.008096	2.88E-05	0.007133	6.80E-02		0.06106	0.008184	2.13E-05	0.007869	0.077134	
5063	482863.09	3863877.25	2.0764	7.12023	2.44193	3.68344		4.74E-02	0.00759	3.7E-05	0.01178	0.06678		6.27E-02	0.010032	2.99E-05	0.007311	8.00E-02		0.072601	0.01014	2.21E-05	0.008066	0.090829	
5064	483363.09	3863877.25	3.39183	9.97955	3.32426	3.79807		7.74E-02	0.01063	5E-05	0.01214	0.10023		1.02E-01	0.014061	4.07E-05	0.007539	1.24E-01		0.118595	0.014212	3.01E-05	0.008317	0.141154	
5065	483863.09	3863877.25	4.08834	6.30513	5.52714	5.56363		9.33E-02	0.00672	8.3E-05	0.01779	0.11789		1.23E-01	0.008884	6.76E-05	0.011043	1.43E-01		0.142949	0.008979	5E-05	0.012182	0.16416	
5066	484363.09	3863877.25	4.24	6.93316	5.88198	7.763		9.68E-02	0.00739	8.9E-05	0.02482	0.12905		1.28E-01	0.009768	7.2E-05	0.015409	1.53E-01		0.148251	0.009874	5.32E-05	0.016998	0.175177	
5067	484863.09	3863877.25	4.26813	6.96912	5.92263	7.69291		9.74E-02	0.00742	8.9E-05	0.02459	0.12951		1.29E-01	0.009819	7.25E-05	0.01527	1.54E-01		0.149235	0.009925	5.36E-05	0.016845	0.176058	
5068	485363.09	3863877.25	4.20473	7.12755	5.81786	7.38678		9.60E-02	0.00759	8.8E-05	0.02362	0.12725		1.27E-01	0.010042	7.12E-05	0.014662	1.52E-01		0.147018	0.010151	5.26E-05	0.016175	0.173396	
5069	485863.09	3863877.25	3.99582	7.1241	5.14638	7.18354		9.12E-02	0.00759	7.8E-05	0.02297	0.12182		1.21E-01	0.010037	6.3E-05	0.014259	1.45E-01		0.139714	0.010146	4.66E-05	0.01573	0.165635	
5070	486363.09	3863877.25	3.14033	13.84081	3.19183	6.87345		7.17E-02	0.01475	4.8E-05	0.02197	0.10843		9.48E-02	0.019501	3.91E-05	0.013643	1.28E-01		0.109801	0.019711	2.89E-05	0.015051	0.144592	
5071	486863.09	3863877.25	2.5524	7.1715	3.47155	6.41049		5.82E-02	0.00764	5.2E-05	0.02049	0.08643		7.70E-02	0.010104	4.25E-05	0.012724	9.99E-02		0.089245	0.010213	3.14E-05	0.014037	0.113526	
5072	487363.09	3863877.25	2.72598	7.34444	3.6926	5.36675		6.22E-02	0.00782	5.6E-05	0.01716	0.08725		8.23E-02	0.010348	4.52E-05	0.010652	1.03E-01		0.095314	0.01046	3.34E-05	0.011751	0.117558	
5073	487863.09	3863877.25	2.83471	7.64296	3.86758	5.80821		6.47E-02	0.00814	5.8E-05	0.01857	0.09146		8.56E-02	0.010768	4.73E-05	0.011529	1.08E-01		0.099115	0.010885	3.5E-05	0.012718	0.122753	
5074	488363.09	3863877.25	3.05599	7.23294	4.14399	6.29714		6.97E-02	0.00771	6.2E-05	0.02013	0.09764		9.22E-02	0.010191	5.07E-05	0.012499	1.15E-01		0.106853	0.010301	3.75E-05	0.013789	0.130979	
5075	488863.09	3863877.25	3.28774	7.21436	4.43421	7.08786		7.50E-02	0.00769	6.7E-05	0.02266	0.10544		9.92E-02	0.010165	5.43E-05	0.014069	1.24E-01		0.114956	0.010274	4.01E-05	0.01552	0.14079	
5076	489363.09	3863877.25	3.5257	7.1976	4.63588	7.43666		8.05E-02	0.00767	7E-05	0.02378	0.11197		1.06E-01	0.010141	5.67E-05	0.014761	1.31E-01		0.123276	0.01025	4.19E-05	0.016284	0.149852	
5077	489863.09	3863877.25	3.71844	6.98314	4.80917	7.60662		8.49E-02	0.00744	7.2E-05	0.02432	0.11669		1.12E-01	0.009839	5.89E-05	0.015098	1.37E-01		0.130015	0.009945	4.35E-05	0.016656	0.15666	
5078	490363.09	3863877.25	4.34683	8.40245	5.52408	11.23172		9.92E-02	0.00895	8.3E-05	0.03591	0.14414		1.31E-01	0.011839	6.76E-05	0.022294	1.65E-01		0.151987	0.011966	5E-05	0.024594	0.188597	
5079	490863.09	3863877.25	4.5961	11.13534	5.49834	15.34919		1.05E-01	0.01186	8.3E-05	0.04907	0.1659		1.39E-01	0.015689	6.73E-05	0.030467	1.85E-01		0.160702	0.015858	4.97E-05	0.03361	0.21022	
5080	491363.09	3863877.25	4.82838	10.9581	5.92029	13.82648		1.10E-01	0.01167	8.9E-05	0.0442	0.16615		1.46E-01	0.015439	7.25E-05	0.027444	1.89E-01		0.168824	0.015606	5.36E-05	0.030275	0.214759	
5081	491863.09	3863877.25	5.26925	7.69366	6.21074	10.38015		1.20E-01	0.0082	9.4E-05	0.03319	0.16172		1.59E-01	0.01084	7.6E-05	0.020604	1.91E-01		0.184239	0.010957	5.62E-05	0.022729	0.217981	
5082	492363.09	3863877.25	5.52389	8.93006	6.07715	13.34432		1.26E-01	0.00951	9.2E-05	0.04266	0.17833		1.67E-01	0.012582	7.44E-05	0.026487	2.06E-01		0.193143	0.012718	5.5E-05	0.02922	0.235135	
5083	492863.09	3863877.25	6.21267	8.61299	6.4632	13.42245		1.42E-01	0.00918	9.7E-05	0.04291	0.19396		1.88E-01	0.012135	7.91E-05	0.026642	2.26E-01		0.217226	0.012266	5.85E-05	0.029391	0.258941	
5084	493363.09	3863877.25	5.98627	8.94263	5.90907	15.44446		1.37E-01	0.00953	8.9E-05	0.04938	0.1956		1.81E-01	0.0126	7.23E-05	0.030656	2.24E-01		0.20931	0.012736	5.35E-05	0.033818	0.255917	
5085	493863.09	3863877.25	5.94425	8.64518	5.93287	14.56165		1.36E-01	0.00921	8.9E-05	0.04655	0.19151		1.79E-01	0.012181	7.26E-05	0.028903	2.21E-01		0.20784	0.012312	5.37E-05	0.031885	0.252091	
5086	494363.09	3863877.25	5.56092	8.09102	5.85527	12.1545		1.27E-01	0.00862	8.8E-05	0.03886	0.17447		1.68E-01	0.0114	7.17E-05	0.024125	2.03E-01		0.194437	0.011523	5.3E-05	0.026614	0.232627	
5087	494863.09	3863877.25	5.15453	8.16351	5.48415	11.3302		1.18E-01	0.0087	8.3E-05	0.03622	0.16263		1.56E-01	0.011502	6.71E-05	0.022489	1.90E-01		0.180228	0.011626	4.96E-05	0.024809	0.216713	
5088	495363.09	3863877.25	4.5612	7.50682	5.19206	10.0128		1.04E-01	0.008	7.8E-05	0.03201	0.14418		1.38E-01	0.010577	6.35E-05	0.019874	1.68E-01		0.159482	0.010691	4.7E-05	0.021925	0.192145	
5089	495863.09	3863877.25	4.4906	7.45853	4.95971	9.92672		1.02E-01	0.00795	7.5E-05	0.03174	0.14224		1.36E-01	0.010509	6.07E-05	0.019704	1.66E-01		0.157014	0.010622	4.49E-05	0.021736	0.189417	
5090	496363.09	3863877.25	3.93094	6.91865	4.5949	8.38864		8.97E-02	0.00737	6.9E-05	0.02682	0.12397		1.19E-01	0.009748	5.62E-05	0.016651	1.45E-01		0.137445	0.009853	4.16E-05	0.018368	0.165708	
5091	496863.09	3863877.25	3.68956	6.24134	4.37199	7.68769		8.42E-02	0.00665	6.6E-05	0.02458	0.11549		1.11E-01	0.008794	5.35E-05	0.015259	1.35E-01		0.129005	0.008889	3.96E-05	0.016833	0.154767	
5092	497363.09	3863877.25	3.31089	5.90856	3.97839	7.27927		7.56E-02	0.00629	6E-05	0.02327	0.10518		9.99E-02	0.008325	4.87E-05	0.014449	1.23E-01		0.115765	0.008415	3.6E-05	0.015939	0.140155	
5093	497863.09	3863877.25	3.1616	5.56398	3.69965	6.82997		7.22E-02	0.00593	5.6E-05	0.02184	0.09997		9.54E-02	0.007839	4.53E-05	0.013557	1.17E-01		0.110545	0.007924	3.35E-05	0.014955	0.133458	
5094	498363.09	3863877.25	3.28682	5.68542	3.46644	7.13985		7.50E-02	0.00606	5.2E-05	0.02283	0.10394		9.92E-02	0.00801	4.24E-05	0.014172	1.21E-01		0.114923	0.008097	3.14E-05	0.015634	0.138686	
5095	471363.09	3864377.25	1.51844	3.39508	1.70777	2.7233		3.47E-02	0.00362	2.6E-05	0.00871	0.047		4.58E-02	0.004783	2.09E-05	0.005405	5.60E-02		0.053092	0.004835	1.54E-05	0.005963	0.063906	
5096	471863.09	3864377.25	1.62879	3.18023	2.10382	2.72807		3.72E-02	0.00339	3.2E-05	0.00872	0.04931		4.92E-02	0.004481	2.57E-05	0.005415	5.91E-02		0.056951	0.004529	1.9E-05	0.005974	0.067472	
5097	472363.09	3864377.25	1.67079	3.24638	2.2952	2.73362		3.81E-02	0.00346	3.5E-05	0.00874	0.05036		5.04E-02	0.004574	2.81E-05	0.005426	6.05E-02		0.058419	0.004623	2.08E-05	0.005986	0.069049	
5098	472863.09	3864377.25	1.69168	3.87241	2.35696	2.73098		3.86E-02	0.00413	3.6E-05	0.00873	0.0515		5.11E-02	0.005456	2.88E-05	0.005421	6.20E-02		0.059149	0.005515	2.13E-05	0.00598	0.070666	
5099	473363.09	3864377.25	1.67074	4.02219	2.33244	2.69521		3.81E-02	0.00429	3.5E-05	0.00862	0.05106		5.04E-02	0.005667	2.85E-05	0.00535	6.15E-02		0.058417	0.005728	2.11E-05	0.005902	0.070068	
5100	473863.09	3864377.25	1.66594	3.68589	2.32627	2.59483		3.80E-02	0.00393	3.5E-05	0.0083	0.05028		5.03E-02	0.005193	2.85E-05	0.00515	6.07E-02		0.058249	0.005249	2.1E-05	0.005682	0.069202	
5101	474363.09	3864377.25	1.70445	3.60132	2.34425	2.6041		3.89E-02	0.00384	3.5E-05	0.00833	0.05109		5.14E-02	0.005074	2.87E-05	0.005169	6.17E-02		0.059596	0.005129	2.12E-05	0.005702	0.070448	
5102	474863.09	3864377.25	1.70935	3.31801	2.38213	2.68372		3.90E-02	0.00353	3.6E-05	0.00858	0.05116		5.16E-02	0.004675	2.92E-05	0.005327	6.16E-02		0.059767	0.004725	2.16E-05	0.005876	0.070391	
5103	475363.09	3864377.25	1.74012	3.10582	2.42801	2.72475		3.97E-02	0.00331	3.7E-05	0.00871	0.05177		5.25E-02	0.004376	2.97E-05	0.005408	6.23E-02		0.060843	0.004423	2.2E-05	0.005966	0.071255	
5104	475863.09	3864377.25	1.74024	3.31991	2.42869	2.70782		3.97E-02	0.00354	3.7E-05	0.00866	0.05194		5.25E-02	0.004678	2.97E-05	0.005375	6.26E-02		0.060847	0.004728	2.2E-05	0.005929	0.071527	
5105	476363.09	3864377.25	1.74142	3.54182	2.42814	2.84679		3.97E-02	0.00377	3.7E-05	0.0091	0.05265		5.26E-02	0.00499	2.97E-05	0.005651	6.32E-02		0.060889	0.005044	2.2E-05	0.006234	0.072188	
5106	476863.09	3864377.25	1.73836	4.51342	2.42427	3.12855		3.97E-02	0.00481	3.7E-05	0.01	0.05452		5.25E-02	0.006359	2.97E-05	0.00621	6.51E-02		0.060782	0.006428	2.19E-05	0.00685	0.074082	
5107	477363.09	3864377.25	1.67933	4.48613	2.35705	3.16637		3.83E-02	0.00478	3.6E-05	0.01012	0.05326		5.07E-02	0.006321	2.88E-05	0.006285	6.33E-02		0.058718	0.006389	2.13E-05	0.006933	0.072061	
5108	477863.09	3864377.25	1.56009	3.69629	2.14213	3.1849		3.56E-02	0.00394	3.2E-05	0.01018	0.04975		4.71E-02	0.005208	2.62E-05	0.006322	5.86E-02		0.054548	0.005264	1.94E-05	0.006974	0.066806	
5109	478363.09	3864377.25	1.41216	4.25997	1.91061	3.19268		3.22E-02	0.00454	2.9E-05	0.01021	0.047		4.26E-02	0.006002	2.34E-05	0.006337	5.50E-02		0.049376	0.006067	1.73E-05	0.006991	0.062451	
5110	478863.09	3864377.25	1.43996	5.29136	1.94942	3.19958		3.29E-02	0.00564	2.9E-05	0.01023	0.04876		4.35E-02	0.007455	2.39E-05	0.006351	5.73E-02		0.050348	0.007536	1.76E-05	0.007006	0.064907	
5111	479363.09	3864377.25	1.48283	4.60963	1.99319	3.20289		3.38E-02	0.00491	3E-05	0.01024	0.04902		4.48E-02	0.006495	2.44E-05	0.006357	5.76E-02		0.051847	0.006565	1.8E-05	0.007013	0.065443	
5112	479863.09	3864377.25	1.5283	5.25363	2.06077	3.29167		3.49E-02	0.0056	3.1E-05	0.01052	0.05103		4.61E-02	0.007402	2.52E-05	0.006534	6.01E-02		0.053437	0.007482	1.86E-05	0.007208	0.068145	
5113	480363.09	3864377.25	1.56879	4.85757	2.11609	3.33634		3.58E-02	0.00517	3.2E-05	0.01067	0.05167		4.73E-02	0.006844	2.59E-05	0.006622	6.08E-02		0.054853	0.006918	1.91E-05	0.007305	0.069095	
5114	480863.09	3864377.25	1.58015	4.85688	2.13503	3.34208		3.61E-02	0.00517	3.2E-05	0.01068	0.05195		4.77E-02	0.006843	2.61E-05	0.006634	6.12E-02		0.05525	0.006917	1.93E-05	0.007318	0.069504	
5115	481363.09	3864377.25	1.58764	4.8217	2.13792	3.34716		3.62E-02	0.00514	3.2E-05	0.0107	0.0521		4.79E-02	0.006793	2.62E-05	0.006644	6.14E-02		0.055512	0.006867	1.93E-05	0.007329	0.069727	
5116	481863.09	3864377.25	1.60815	5.19749	2.17349	3.42123		3.67E-02	0.00554	3.3E-05	0.01094	0.05321		4.85E-02	0.007323	2.66E-05	0.006791	6.27E-02		0.056229	0.007402	1.97E-05	0.007491	0.071142	
5117	482363.09	3864377.25	1.66524	5.66008	2.2489	3.44168		3.80E-02	0.00603	3.4E-05	0.011	0.05507		5.03E-02	0.007975	2.75E-05	0.006831	6.51E-02		0.058225	0.008061	2.03E-05	0.007536	0.073842	
5118	482863.09	3864377.25	2.19646	7.73966	2.33433	3.58079		5.01E-02	0.00825	3.5E-05	0.01145	0.06985		6.63E-02	0.010905	2.86E-05	0.007107	8.43E-02		0.076799	0.011022	2.11E-05	0.007841	0.095683	
5119	483363.09	3864377.25	3.41373	9.06232	3.59576	3.63638		7.79E-02	0.00965	5.4E-05	0.01163	0.09924		1.03E-01	0.012768	4.4E-05	0.007218	1.23E-01		0.119361	0.012906	3.25E-05	0.007962	0.140262	
5120	483863.09	3864377.25	3.99772	5.98163	5.44249	5.77637		9.12E-02	0.00637	8.2E-05	0.01847	0.11615		1.21E-01	0.008428	6.66E-05	0.011465	1.41E-01		0.13978	0.008519	4.92E-05	0.012648	0.160996	

5121	484363.09	3864377.25	4.1554	5.99061	5.7673	7.60156		9.48E-02	0.00638	8.7E-05	0.0243	0.1256		1.25E-01	0.00844	7.06E-05	0.015088	1.49E-01		0.145293	0.008532	5.22E-05	0.016645	0.170522
5122	484863.09	3864377.25	4.16067	6.49172	5.77392	7.45898		9.49E-02	0.00692	8.7E-05	0.02385	0.1258		1.26E-01	0.009146	7.07E-05	0.014805	1.50E-01		0.145478	0.009245	5.22E-05	0.016333	0.171108
5123	485363.09	3864377.25	4.11103	6.43866	5.68393	7.21499		9.38E-02	0.00686	8.6E-05	0.02307	0.12383		1.24E-01	0.009072	6.96E-05	0.014321	1.48E-01		0.143742	0.00917	5.14E-05	0.015798	0.168761
5124	485863.09	3864377.25	3.82462	6.4774	4.73248	7.00144		8.73E-02	0.0069	7.1E-05	0.02238	0.11664		1.15E-01	0.009126	5.79E-05	0.013897	1.39E-01		0.133728	0.009225	4.28E-05	0.015331	0.158326
5125	486363.09	3864377.25	2.98869	12.99965	3.01757	6.78358		6.82E-02	0.01385	4.5E-05	0.02169	0.10379		9.02E-02	0.018316	3.69E-05	0.013465	1.22E-01		0.104499	0.018513	2.73E-05	0.014854	0.137894
5126	486863.09	3864377.25	2.4075	6.49542	3.27534	6.12562		5.49E-02	0.00692	4.9E-05	0.01958	0.08149		7.27E-02	0.009152	4.01E-05	0.012159	9.40E-02		0.084178	0.00925	2.96E-05	0.013413	0.106871
5127	487363.09	3864377.25	2.56567	6.68831	3.47883	5.11905		5.86E-02	0.00713	5.2E-05	0.01637	0.08209		7.74E-02	0.009423	4.26E-05	0.010161	9.71E-02		0.089709	0.009525	3.15E-05	0.011209	0.110474
5128	487863.09	3864377.25	2.65591	6.95899	3.61762	5.39308		6.06E-02	0.00741	5.5E-05	0.01724	0.08532		8.02E-02	0.009805	4.43E-05	0.010705	1.01E-01		0.092864	0.009911	3.27E-05	0.011809	0.114616
5129	488363.09	3864377.25	2.82231	6.72197	3.84798	5.82672		6.44E-02	0.00716	5.8E-05	0.01863	0.09025		8.52E-02	0.009471	4.71E-05	0.011565	1.06E-01		0.098682	0.009573	3.48E-05	0.012759	0.121048
5130	488863.09	3864377.25	3.00496	6.63841	4.01962	6.6032		6.86E-02	0.00707	6.1E-05	0.02111	0.09682		9.07E-02	0.009353	4.92E-05	0.013107	1.13E-01		0.105068	0.009454	3.64E-05	0.014459	0.129017
5131	489363.09	3864377.25	3.21308	6.31657	4.28804	6.79025		7.33E-02	0.00673	6.5E-05	0.02171	0.10183		9.70E-02	0.0089	5.25E-05	0.013478	1.19E-01		0.112345	0.008996	3.88E-05	0.014868	0.136248
5132	489863.09	3864377.25	3.3675	6.31382	4.34999	7.23994		7.68E-02	0.00673	6.6E-05	0.02315	0.10679		1.02E-01	0.008896	5.32E-05	0.014371	1.25E-01		0.117744	0.008992	3.94E-05	0.015853	0.142629
5133	490363.09	3864377.25	3.80239	7.17791	4.945	7.65386		8.68E-02	0.00765	7.5E-05	0.02447	0.11896		1.15E-01	0.010113	6.05E-05	0.015192	1.40E-01		0.13295	0.010222	4.47E-05	0.016759	0.159977
5134	490863.09	3864377.25	4.18385	9.20312	5.3981	12.5273		9.55E-02	0.0098	8.1E-05	0.04005	0.14541		1.26E-01	0.012967	6.61E-05	0.024865	1.64E-01		0.146288	0.013107	4.88E-05	0.027431	0.186874
5135	491363.09	3864377.25	4.38741	11.66406	5.39337	14.85448		1.00E-01	0.01243	8.1E-05	0.04749	0.16012		1.32E-01	0.016434	6.6E-05	0.029485	1.78E-01		0.153406	0.016611	4.88E-05	0.032526	0.202592
5136	491863.09	3864377.25	5.40803	7.48173	7.60729	3.66798		1.23E-01	0.00797	0.00011	0.01173	0.14323		1.63E-01	0.010541	9.31E-05	0.007281	1.81E-01		0.189091	0.010655	6.88E-05	0.008032	0.207847
5137	492363.09	3864377.25	7.52851	9.04176	9.21651	11.28359		1.72E-01	0.00963	0.00014	0.03607	0.21765		2.27E-01	0.012739	0.000113	0.022397	2.62E-01		0.263234	0.012877	8.34E-05	0.024707	0.300901
5138	492863.09	3864377.25	7.66417	8.52347	9.83584	6.50589		1.75E-01	0.00908	0.00015	0.0208	0.20493		2.31E-01	0.012009	0.00012	0.012914	2.56E-01		0.267977	0.012139	8.9E-05	0.014246	0.294451
5139	493363.09	3864377.25	8.54458	10.08206	9.87756	10.47818		1.95E-01	0.01074	0.00015	0.0335	0.23938		2.58E-01	0.014205	0.000121	0.020798	2.93E-01		0.298761	0.014358	8.94E-05	0.022944	0.336152
5140	493863.09	3864377.25	6.99783	9.6735	6.81677	14.56233		1.60E-01	0.01031	0.0001	0.04656	0.21666		2.11E-01	0.013629	8.34E-05	0.028905	2.54E-01		0.244679	0.013776	6.17E-05	0.031887	0.290404
5141	494363.09	3864377.25	5.76673	7.90268	5.49366	14.06019		1.32E-01	0.00842	8.3E-05	0.04495	0.18505		1.74E-01	0.011134	6.72E-05	0.027908	2.13E-01		0.201633	0.011255	4.97E-05	0.030787	0.243725
5142	494863.09	3864377.25	5.20847	7.57975	5.34204	12.21735		1.19E-01	0.00808	8.1E-05	0.03906	0.16608		1.57E-01	0.010679	6.54E-05	0.02425	1.92E-01		0.182114	0.010795	4.83E-05	0.026752	0.219709
5143	495363.09	3864377.25	4.7501	7.44636	5.11901	10.68388		1.08E-01	0.00793	7.7E-05	0.03416	0.15057		1.43E-01	0.010491	6.27E-05	0.021206	1.75E-01		0.166087	0.010605	4.63E-05	0.023394	0.200132
5144	495863.09	3864377.25	4.34315	7.005	4.85213	9.99902		9.91E-02	0.00746	7.3E-05	0.03197	0.13862		1.31E-01	0.00987	5.94E-05	0.019847	1.61E-01		0.151858	0.009976	4.39E-05	0.021895	0.183773
5145	496363.09	3864377.25	3.98956	6.74332	4.34015	7.9676		9.10E-02	0.00718	6.5E-05	0.02547	0.12377		1.20E-01	0.009501	5.31E-05	0.015815	1.46E-01		0.139495	0.009603	3.93E-05	0.017446	0.166584
5146	496863.09	3864377.25	3.69645	6.50766	4.30883	7.79123		8.44E-02	0.00693	6.5E-05	0.02491	0.11626		1.12E-01	0.009169	5.27E-05	0.015465	1.36E-01		0.129246	0.009268	3.9E-05	0.01706	0.155613
5147	497363.09	3864377.25	3.56881	5.78928	4.08807	6.9152		8.14E-02	0.00617	6.2E-05	0.02211	0.10978		1.08E-01	0.008157	5E-05	0.013726	1.30E-01		0.124783	0.008245	3.7E-05	0.015142	0.148207
5148	497863.09	3864377.25	3.33783	5.82008	3.89518	7.02832		7.62E-02	0.0062	5.9E-05	0.02247	0.1049		1.01E-01	0.0082	4.77E-05	0.01395	1.23E-01		0.116707	0.008289	3.52E-05	0.01539	0.140421
5149	498363.09	3864377.25	2.99922	5.38848	3.57923	6.53498		6.84E-02	0.00574	5.4E-05	0.02089	0.09513		9.05E-02	0.007592	4.38E-05	0.012971	1.11E-01		0.104868	0.007674	3.24E-05	0.014309	0.126883
5150	471363.09	3864877.25	1.61936	2.94795	2.1577	2.61775		3.70E-02	0.00314	3.3E-05	0.00837	0.0485		4.89E-02	0.004153	2.64E-05	0.005196	5.82E-02		0.056621	0.004198	1.95E-05	0.005732	0.066571
5151	471863.09	3864877.25	1.65597	2.94949	2.29187	2.60901		3.78E-02	0.00314	3.5E-05	0.00834	0.04931		5.00E-02	0.004156	2.81E-05	0.005179	5.93E-02		0.057901	0.004201	2.07E-05	0.005713	0.067835
5152	472363.09	3864877.25	1.66825	3.90371	2.3271	2.5756		3.81E-02	0.00416	3.5E-05	0.00823	0.0505		5.03E-02	0.0055	2.85E-05	0.005112	6.10E-02		0.05833	0.005559	2.11E-05	0.00564	0.06955
5153	472863.09	3864877.25	1.67085	3.76825	2.33344	2.55107		3.81E-02	0.00401	3.5E-05	0.00816	0.05034		5.04E-02	0.005309	2.86E-05	0.005064	6.08E-02		0.058421	0.005367	2.11E-05	0.005586	0.069395
5154	473363.09	3864877.25	1.64104	3.32764	2.29155	2.57037		3.74E-02	0.00355	3.5E-05	0.00822	0.04925		4.95E-02	0.004688	2.8E-05	0.005102	5.93E-02		0.057379	0.004739	2.07E-05	0.005628	0.067767
5155	473863.09	3864877.25	1.6642	3.05472	2.29601	2.57045		3.80E-02	0.00325	3.5E-05	0.00822	0.04949		5.02E-02	0.004304	2.81E-05	0.005102	5.97E-02		0.058189	0.00435	2.08E-05	0.005628	0.068188
5156	474363.09	3864877.25	1.68899	3.0892	2.35449	2.72398		3.85E-02	0.00329	3.5E-05	0.00871	0.05058		5.10E-02	0.004352	2.88E-05	0.005407	6.08E-02		0.059055	0.004399	2.13E-05	0.005965	0.069441
5157	474863.09	3864877.25	1.69941	2.93767	2.37155	2.78497		3.88E-02	0.00313	3.6E-05	0.0089	0.05085		5.13E-02	0.004139	2.9E-05	0.005528	6.10E-02		0.05942	0.004184	2.15E-05	0.006098	0.069723
5158	475363.09	3864877.25	1.70055	3.13542	2.37319	2.77089		3.88E-02	0.00334	3.6E-05	0.00886	0.05104		5.13E-02	0.004418	2.9E-05	0.0055	6.13E-02		0.05946	0.004465	2.15E-05	0.006067	0.070014
5159	475863.09	3864877.25	1.68157	3.48779	2.34485	2.72651		3.84E-02	0.00372	3.5E-05	0.00872	0.05084		5.08E-02	0.004914	2.87E-05	0.005412	6.11E-02		0.058796	0.004967	2.12E-05	0.00597	0.069754
5160	476363.09	3864877.25	1.66497	4.44823	2.32596	2.9642		3.80E-02	0.00474	3.5E-05	0.00948	0.05225		5.03E-02	0.006267	2.85E-05	0.005884	6.24E-02		0.058216	0.006335	2.1E-05	0.006491	0.071062
5161	476863.09	3864877.25	1.63924	3.7667	2.29989	3.04058		3.74E-02	0.00401	3.5E-05	0.00972	0.05118		4.95E-02	0.005307	2.81E-05	0.006035	6.08E-02		0.057316	0.005364	2.08E-05	0.006658	0.069359
5162	477363.09	3864877.25	1.49209	3.44957	1.99925	3.05802		3.41E-02	0.00367	3E-05	0.00978	0.04753		4.50E-02	0.00486	2.45E-05	0.00607	5.60E-02		0.052171	0.004913	1.81E-05	0.006696	0.063798
5163	477863.09	3864877.25	1.32994	4.4511	1.80024	3.0618		3.04E-02	0.00474	2.7E-05	0.00979	0.04491		4.01E-02	0.006271	2.2E-05	0.006077	5.25E-02		0.046501	0.006339	1.63E-05	0.006704	0.059561
5164	478363.09	3864877.25	1.34963	4.81627	1.82997	3.0627		3.08E-02	0.00513	2.8E-05	0.00979	0.04575		4.07E-02	0.006786	2.24E-05	0.006079	5.36E-02		0.04719	0.006859	1.66E-05	0.006706	0.060772
5165	478863.09	3864877.25	1.3833	4.28405	1.87432	3.05863		3.16E-02	0.00456	2.8E-05	0.00978	0.04594		4.17E-02	0.006036	2.29E-05	0.006071	5.39E-02		0.048367	0.006101	1.7E-05	0.006697	0.061182
5166	479363.09	3864877.25	1.42886	4.78383	1.92648	3.11397		3.26E-02	0.0051	2.9E-05	0.00996	0.04769		4.31E-02	0.00674	2.36E-05	0.006181	5.61E-02		0.04996	0.006813	1.74E-05	0.006819	0.063609
5167	479863.09	3864877.25	1.46152	4.39992	1.97278	3.18984		3.34E-02	0.00469	3E-05	0.0102	0.04827		4.41E-02	0.006199	2.41E-05	0.006331	5.67E-02		0.051102	0.006266	1.78E-05	0.006985	0.064371
5168	480363.09	3864877.25	1.49149	4.43942	2.01494	3.20385		3.40E-02	0.00473	3E-05	0.01024	0.04904		4.50E-02	0.006255	2.47E-05	0.006359	5.77E-02		0.05215	0.006322	1.82E-05	0.007015	0.065506
5169	480863.09	3864877.25	1.49158	4.43639	2.01609	3.20226		3.40E-02	0.00473	3E-05	0.01024	0.04903		4.50E-02	0.006251	2.47E-05	0.006356	5.76E-02		0.052153	0.006318	1.82E-05	0.007012	0.065501
5170	481363.09	3864877.25	1.50264	4.62229	2.03278	3.23669		3.43E-02	0.00492	3.1E-05	0.01035	0.04959		4.54E-02	0.006513	2.49E-05	0.006424	5.83E-02		0.05254	0.006583	1.84E-05	0.007087	0.066228
5171	481863.09	3864877.25	1.5363	5.06577	2.07434	3.28915		3.51E-02	0.0054	3.1E-05	0.01052	0.051		4.64E-02	0.007137	2.54E-05	0.006529	6.01E-02		0.053717	0.007214	1.88E-05	0.007202	0.068152
5172	482363.09	3864877.25	1.58805	4.84167	2.14602	3.29671		3.62E-02	0.00516	3.2E-05	0.01054	0.05197		4.79E-02	0.006822	2.63E-05	0.006544	6.13E-02		0.055526	0.006895	1.94E-05	0.007219	0.069659
5173	482863.09	3864877.25	2.30759	8.15611	2.23088	3.46058		5.27E-02	0.00869	3.4E-05	0.01106	0.07245		6.96E-02	0.011491	2.73E-05	0.006869	8.80E-02		0.080685	0.011615	2.02E-05	0.007578	0.099898
5174	483363.09	3864877.25	3.43747	8.17562	3.8333	3.48721		7.84E-02	0.00871	5.8E-05	0.01115	0.09836		1.04E-01	0.011519	4.69E-05	0.006922	1.22E-01		0.120191	0.011643	3.47E-05	0.007636	0.139505
5175	483863.09	3864877.25	3.92997	5.61372	5.37821	5.97528		8.97E-02	0.00598	8.1E-05	0.0191	0.11485		1.19E-01	0.007909	6.58E-05	0.01186	1.38E-01		0.137411	0.007995	4.87E-05	0.013084	0.158538
5176	484363.09	3864877.25	4.07158	5.77728	5.6533	7.44067		9.29E-02	0.00615	8.5E-05	0.02379	0.12294		1.23E-01	0.00814	6.92E-05	0.014769	1.46E-01		0.142363	0.008228	5.11E-05	0.016293	0.166934
5177	484863.09	3864877.25	4.08962	5.78129	5.67534	7.33544		9.33E-02	0.00616	8.6E-05	0.02345	0.12302		1.23E-01	0.008145	6.95E-05	0.01456	1.46E-01		0.142993	0.008233	5.13E-05	0.016062	0.16734
5178	485363.09	3864877.25	4.0512	5.9112	5.5869	7.16662		9.25E-02	0.0063	8.4E-05	0.02291	0.12175		1.22E-01	0.008329	6.84E-05	0.014225	1.45E-01		0.14165	0.008418	5.05E-05	0.015693	0.165811
5179	485863.09	3864877.25	3.67564	7.63492	4.33318	6.90804		8.39E-02	0.00813	6.5E-05	0.02209	0.11417		1.11E-01	0.010757	5.3E-05	0.013712	1.35E-01		0.128519	0.010873	3.92E-05	0.015126	0.154557
5180	486363.09	3864877.25	2.83368	11.92461	2.86468	6.6748		6.47E-02	0.0127	4.3E-05	0.02134	0.09875		8.55E-02	0.016801	3.51E-05	0.013249	1.16E-01		0.099079	0.016982	2.59E-05	0.014616	0.130703
5181	486863.09	3864877.25	2.27194	5.90579	3.09003	5.75008		5.18E-02	0.00629	4.7E-05	0.01838	0.07657		6.86E-02	0.008321	3.78E-05	0.011413	8.83E-02		0.079438	0.008411	2.8E-05	0.012591	0.100468

5182	487363.09	3864877.25	2.40545	6.09313	3.26094	4.87546		5.49E-02	0.00649	4.9E-05	0.01559	0.07702		7.26E-02	0.008585	3.99E-05	0.009677	9.09E-02		0.084106	0.008678	2.95E-05	0.010676	0.103489							
5183	487863.09	3864877.25	2.48467	6.27389	3.38628	5.11876		5.67E-02	0.00668	5.1E-05	0.01636	0.0798		7.50E-02	0.00884	4.14E-05	0.01016	9.40E-02		0.086876	0.008935	3.06E-05	0.011208	0.10705							
5184	488363.09	3864877.25	2.61019	6.29295	3.51544	5.51167		5.96E-02	0.0067	5.3E-05	0.01762	0.08394		7.88E-02	0.008866	4.3E-05	0.01094	9.86E-02		0.091265	0.008962	3.18E-05	0.012069	0.112328							
5185	488863.09	3864877.25	2.81363	5.98179	3.76444	6.04251		6.42E-02	0.00637	5.7E-05	0.01932	0.08996		8.49E-02	0.008428	4.61E-05	0.011994	1.05E-01		0.098378	0.008519	3.41E-05	0.013231	0.120162							
5186	489363.09	3864877.25	3.00065	5.73482	3.99451	6.50552		6.85E-02	0.00611	6E-05	0.0208	0.09545		9.06E-02	0.00808	4.89E-05	0.012913	1.12E-01		0.104918	0.008167	3.61E-05	0.014245	0.127366							
5187	489863.09	3864877.25	3.16171	5.9255	4.13259	6.7774		7.22E-02	0.00631	6.2E-05	0.02167	0.1002		9.54E-02	0.008349	5.06E-05	0.013452	1.17E-01		0.110549	0.008439	3.74E-05	0.01484	0.133865							
5188	490363.09	3864877.25	3.29565	6.12764	4.25712	6.88657		7.52E-02	0.00653	6.4E-05	0.02202	0.10382		9.95E-02	0.008633	5.21E-05	0.013669	1.22E-01		0.115232	0.008727	3.85E-05	0.015079	0.139077							
5189	490863.09	3864877.25	4.04513	8.18731	5.26042	9.54834		9.23E-02	0.00872	7.9E-05	0.03053	0.13164		1.22E-01	0.011535	6.44E-05	0.018952	1.53E-01		0.141438	0.01166	4.76E-05	0.020908	0.174053							
5190	491363.09	3864877.25	4.31965	10.20856	5.35441	13.24273		9.86E-02	0.01088	8.1E-05	0.04234	0.15187		1.30E-01	0.014383	6.55E-05	0.026285	1.71E-01		0.151036	0.014538	4.84E-05	0.028997	0.19462							
5191	491863.09	3864877.25	4.3809	10.91946	5.49023	15.05537		1.00E-01	0.01163	8.3E-05	0.04813	0.15982		1.32E-01	0.015385	6.72E-05	0.029883	1.78E-01		0.153178	0.015551	4.97E-05	0.032966	0.201745							
5192	492363.09	3864877.25	3.107	2.90716	4.31588	2.67851		7.09E-02	0.0031	6.5E-05	0.00856	0.08263		9.38E-02	0.004096	5.28E-05	0.005317	1.03E-01		0.108636	0.00414	3.9E-05	0.005865	0.11868							
5193	492863.09	3864877.25	5.10881	4.9775	7.19752	3.22549		1.17E-01	0.0053	0.00011	0.01031	0.13231		1.54E-01	0.007013	8.81E-05	0.006402	1.68E-01		0.178629	0.007089	6.51E-05	0.007063	0.192846							
5194	493363.09	3864877.25	4.73037	4.62186	6.60446	2.84657		1.08E-01	0.00492	1E-04	0.0091	0.12207		1.43E-01	0.006512	8.08E-05	0.00565	1.55E-01		0.165397	0.006582	5.97E-05	0.006233	0.178272							
5195	493863.09	3864877.25	7.8367	9.6344	8.90793	10.7808		1.79E-01	0.01026	0.00013	0.03447	0.2237		2.37E-01	0.013574	0.000109	0.021399	2.72E-01		0.27401	0.013721	8.06E-05	0.023606	0.311418							
5196	494363.09	3864877.25	5.70626	8.39511	5.44903	13.65573		1.30E-01	0.00894	8.2E-05	0.04366	0.1829		1.72E-01	0.011828	6.67E-05	0.027105	2.11E-01		0.199519	0.011956	4.93E-05	0.029901	0.241426							
5197	494863.09	3864877.25	5.26197	7.28471	5.02075	12.96289		1.20E-01	0.00776	7.6E-05	0.04144	0.16936		1.59E-01	0.010264	6.14E-05	0.02573	1.95E-01		0.183984	0.010374	4.54E-05	0.028384	0.222789							
5198	495363.09	3864877.25	4.80936	7.0983	4.85711	11.85073		1.10E-01	0.00756	7.3E-05	0.03789	0.15528		1.45E-01	0.010001	5.94E-05	0.023522	1.79E-01		0.168159	0.010109	4.39E-05	0.025949	0.204261							
5199	495863.09	3864877.25	4.2504	6.71087	4.584	7.79294		9.70E-02	0.00715	6.9E-05	0.02491	0.12913		1.28E-01	0.009455	5.61E-05	0.015468	1.53E-01		0.148615	0.009557	4.15E-05	0.017064	0.175278							
5200	496363.09	3864877.25	4.17439	6.57245	4.93024	9.76742		9.53E-02	0.007	7.4E-05	0.03123	0.13357		1.26E-01	0.00926	6.03E-05	0.019387	1.55E-01		0.145957	0.00936	4.46E-05	0.021387	0.176749							
5201	496863.09	3864877.25	3.71236	6.03644	4.03078	8.17206		8.47E-02	0.00643	6.1E-05	0.02613	0.11734		1.12E-01	0.008505	4.93E-05	0.016221	1.37E-01		0.129802	0.008597	3.65E-05	0.017894	0.15633							
5202	497363.09	3864877.25	3.55461	6.16039	4.10157	7.34455		8.11E-02	0.00656	6.2E-05	0.02348	0.11122		1.07E-01	0.00868	5.02E-05	0.014578	1.31E-01		0.124287	0.008773	3.71E-05	0.016082	0.149179							
5203	497863.09	3864877.25	3.32752	5.80403	3.80869	6.87676		7.59E-02	0.00618	5.7E-05	0.02199	0.10416		1.00E-01	0.008178	4.66E-05	0.01365	1.22E-01		0.116347	0.008266	3.45E-05	0.015058	0.139705							
5204	498363.09	3864877.25	3.09289	5.41569	3.64852	6.53951		7.06E-02	0.00577	5.5E-05	0.02091	0.09731		9.33E-02	0.00763	4.47E-05	0.01298	1.14E-01		0.108143	0.007713	3.3E-05	0.014319	0.130208							
5205	471363.09	3865377.25	1.62117	2.84967	2.25302	2.44552		3.70E-02	0.00304	3.4E-05	0.00782	0.04788		4.89E-02	0.004015	2.76E-05	0.004854	5.78E-02		0.056684	0.004058	2.04E-05	0.005355	0.066118							
5206	471863.09	3865377.25	1.63699	3.84607	2.28509	2.55716		3.74E-02	0.0041	3.4E-05	0.00818	0.04966		4.94E-02	0.005419	2.8E-05	0.005076	5.99E-02		0.057237	0.005477	2.07E-05	0.005599	0.068335							
5207	472363.09	3865377.25	1.63745	3.43172	2.28713	2.56696		3.74E-02	0.00366	3.4E-05	0.00821	0.04926		4.94E-02	0.004835	2.8E-05	0.005095	5.94E-02		0.057253	0.004887	2.07E-05	0.005621	0.067782							
5208	472863.09	3865377.25	1.64791	2.87041	2.30167	2.52001		3.76E-02	0.00306	3.5E-05	0.00806	0.04876		4.97E-02	0.004044	2.82E-05	0.005002	5.88E-02		0.057619	0.004088	2.08E-05	0.005518	0.067246							
5209	473363.09	3865377.25	1.65214	2.83606	2.28497	2.56677		3.77E-02	0.00302	3.4E-05	0.00821	0.04897		4.99E-02	0.003996	2.8E-05	0.005095	5.90E-02		0.057767	0.004039	2.07E-05	0.00562	0.067447							
5210	473863.09	3865377.25	1.65782	2.88019	2.31165	2.77659		3.78E-02	0.00307	3.5E-05	0.00888	0.04981		5.00E-02	0.004058	2.83E-05	0.005511	5.96E-02		0.057966	0.004102	2.09E-05	0.00608	0.068168							
5211	474363.09	3865377.25	1.66283	2.7886	2.32077	2.7817		3.79E-02	0.00297	3.5E-05	0.00889	0.04985		5.02E-02	0.003929	2.84E-05	0.005521	5.97E-02		0.058141	0.003971	2.1E-05	0.006091	0.068224							
5212	474863.09	3865377.25	1.67106	2.95927	2.33199	2.7555		3.81E-02	0.00315	3.5E-05	0.00881	0.05013		5.04E-02	0.004169	2.85E-05	0.005469	6.01E-02		0.058429	0.004214	2.11E-05	0.006034	0.068698							
5213	475363.09	3865377.25	1.64105	3.87248	2.28934	2.65481		3.75E-02	0.00413	3.5E-05	0.00849	0.0501		4.95E-02	0.005456	2.8E-05	0.00527	6.03E-02		0.057379	0.005515	2.07E-05	0.005813	0.068728							
5214	475863.09	3865377.25	1.61943	4.1236	2.26646	2.84572		3.70E-02	0.00439	3.4E-05	0.0091	0.05048		4.89E-02	0.00581	2.77E-05	0.005648	6.04E-02		0.056623	0.005873	2.05E-05	0.006231	0.068748							
5215	476363.09	3865377.25	1.65427	3.21165	2.31125	2.92854		3.78E-02	0.00342	3.5E-05	0.00936	0.05057		4.99E-02	0.004525	2.83E-05	0.005813	6.03E-02		0.057841	0.004574	2.09E-05	0.006413	0.068849							
5216	476863.09	3865377.25	1.62101	3.94215	2.13684	2.75879		3.70E-02	0.0042	3.2E-05	0.00882	0.05004		4.89E-02	0.005554	2.62E-05	0.005476	6.00E-02		0.056679	0.005614	1.93E-05	0.006041	0.068353							
5217	477363.09	3865377.25	1.29045	4.76552	1.72947	2.93681		2.94E-02	0.00508	2.6E-05	0.00939	0.04394		3.89E-02	0.006714	2.12E-05	0.005829	5.15E-02		0.045121	0.006787	1.56E-05	0.006431	0.058354							
5218	477863.09	3865377.25	1.27962	4.39824	1.73526	2.94028		2.92E-02	0.00469	2.6E-05	0.0094	0.04331		3.86E-02	0.006197	2.12E-05	0.005836	5.07E-02		0.044742	0.006264	1.57E-05	0.006438	0.05746							
5219	478363.09	3865377.25	1.31025	4.00764	1.77615	2.93125		2.99E-02	0.00427	2.7E-05	0.00937	0.04357		3.95E-02	0.005647	2.17E-05	0.005818	5.10E-02		0.045813	0.005707	1.61E-05	0.006418	0.057955							
5220	478863.09	3865377.25	1.34361	4.39585	1.80828	2.92503		3.07E-02	0.00468	2.7E-05	0.00935	0.04472		4.06E-02	0.006193	2.21E-05	0.005806	5.26E-02		0.046979	0.00626	1.64E-05	0.006405	0.059661							
5221	479363.09	3865377.25	1.3749	4.02759	1.85617	3.0528		3.14E-02	0.00429	2.8E-05	0.00976	0.04545		4.15E-02	0.005675	2.27E-05	0.006059	5.33E-02		0.048073	0.005736	1.68E-05	0.006685	0.060511							
5222	479863.09	3865377.25	1.40405	4.04462	1.897	3.07653		3.20E-02	0.00431	2.9E-05	0.00984	0.04621		4.24E-02	0.005699	2.32E-05	0.006107	5.42E-02		0.049093	0.00576	1.72E-05	0.006737	0.061606							
5223	480363.09	3865377.25	1.40211	4.07476	1.90117	3.07211		3.20E-02	0.00434	2.9E-05	0.00982	0.04619		4.23E-02	0.005741	2.33E-05	0.006098	5.42E-02		0.049025	0.005803	1.72E-05	0.006727	0.061572							
5224	480863.09	3865377.25	1.41541	4.22573	1.90712	3.0652		3.23E-02	0.0045	2.9E-05	0.0098	0.04663		4.27E-02	0.005954	2.33E-05	0.006084	5.48E-02		0.04949	0.006018	1.73E-05	0.006712	0.062237							
5225	481363.09	3865377.25	1.434	4.48657	1.93944	3.14388		3.27E-02	0.00478	2.9E-05	0.01005	0.04759		4.33E-02	0.006321	2.37E-05	0.00624	5.59E-02		0.05014	0.00639	1.75E-05	0.006884	0.063431							
5226	481863.09	3865377.25	1.47665	4.68299	1.99537	3.16173		3.37E-02	0.00499	3E-05	0.01011	0.04883		4.46E-02	0.006598	2.44E-05	0.006276	5.75E-02		0.051631	0.006669	1.81E-05	0.006923	0.065241							
5227	482363.09	3865377.25	1.52211	4.99008	2.05159	3.19239		3.47E-02	0.00532	3.1E-05	0.01021	0.05029		4.59E-02	0.007031	2.51E-05	0.006337	5.93E-02		0.05322	0.007107	1.86E-05	0.00699	0.067336							
5228	482863.09	3865377.25	2.40737	8.37132	2.13137	3.33466		5.49E-02	0.00892	3.2E-05	0.01066	0.07455		7.27E-02	0.011795	2.61E-05	0.006619	9.11E-02		0.084174	0.011922	1.93E-05	0.007302	0.103417							
5229	483363.09	3865377.25	3.44137	7.2913	4.01513	3.34388		7.85E-02	0.00777	6.1E-05	0.01069	0.09705		1.04E-01	0.010273	4.91E-05	0.006637	1.21E-01		0.120327	0.010384	3.63E-05	0.007322	0.138069							
5230	483863.09	3865377.25	3.87922	5.19799	5.32961	6.15762		8.85E-02	0.00554	8E-05	0.01969	0.11383		1.17E-01	0.007324	6.52E-05	0.012222	1.37E-01		0.135637	0.007403	4.82E-05	0.013483	0.156571							
5231	484363.09	3865377.25	4.00527	5.24246	5.56316	7.32742		9.14E-02	0.00559	8.4E-05	0.02343	0.1205		1.21E-01	0.007386	6.81E-05	0.014544	1.43E-01		0.140044	0.007466	5.03E-05	0.016045	0.163605							
5232	484863.09	3865377.25	4.03186	5.25923	5.59498	7.2519		9.20E-02	0.0056	8.4E-05	0.02318	0.12088		1.22E-01	0.00741	6.85E-05	0.014394	1.44E-01		0.140974	0.00749	5.06E-05	0.015879	0.164394							
5233	485363.09	3865377.25	3.96752	5.47832	5.44247	7.0648		9.05E-02	0.00584	8.2E-05	0.02259	0.11905		1.20E-01	0.007719	6.66E-05	0.014023	1.42E-01		0.138724	0.007802	4.92E-05	0.01547	0.162045							
5234	485863.09	3865377.25	3.52724	8.69914	3.93643	6.82305		8.05E-02	0.00927	5.9E-05	0.02181	0.11163		1.06E-01	0.012257	4.82E-05	0.013543	1.32E-01		0.12333	0.012389	3.56E-05	0.01494	0.150694							
5235	486363.09	3865377.25	2.69262	10.8056	2.73597	6.61295		6.14E-02	0.01151	4.1E-05	0.02114	0.09414		8.13E-02	0.015224	3.35E-05	0.013126	1.10E-01		0.094147	0.015389	2.48E-05	0.01448	0.124041							
5236	486863.09	3865377.25	2.14918	5.3981	2.91917	5.33099		4.90E-02	0.00575	4.4E-05	0.01704	0.07188		6.49E-02	0.007606	3.57E-05	0.010581	8.31E-02		0.075146	0.007688	2.64E-05	0.011673	0.094533							
5237	487363.09	3865377.25	2.26146	5.59743	3.05818	4.64774		5.16E-02	0.00596	4.6E-05	0.01486	0.07248		6.83E-02	0.007886	3.74E-05	0.009225	8.54E-02		0.079072	0.007972	2.77E-05	0.010177	0.097248							
5238	487863.09	3865377.25	2.36292	5.65083	3.15501	4.84727		5.39E-02	0.00602	4.8E-05	0.0155	0.07549		7.13E-02	0.007962	3.86E-05	0.009621	8.89E-02		0.082619	0.008048	2.85E-05	0.010614	0.101309							
5239	488363.09	3865377.25	2.47578	5.75366	3.35356	5.17244		5.65E-02	0.00613	5.1E-05	0.01654	0.07922		7.47E-02	0.008107	4.1E-05	0.010267	9.31E-02		0.086566	0.008194	3.03E-05	0.011326	0.106116							
5240	488863.09	3865377.25	2.63855	5.65346	3.56183	5.41412		6.02E-02	0.00602	5.4E-05	0.01731	0.0836		7.96E-02	0.007965	4.36E-05	0.010746	9.84E-02		0.092257	0.008051	3.22E-05	0.011855	0.112195							
5241	489363.09	3865377.25	2.75469	5.62152	3.67732	6.17692		6.29E-02	0.00599	5.5E-05	0.01975	0.08866		8.31E-02	0.00792	4.5E-05	0.012261	1.03E-01		0.096318	0.008006	3.33E-05	0.013525	0.117882							
5242	489863.09	3865377.25	2.9635	5.67819	3.91863	6.20114		6.76E-02	0.00605	5.9E-05	0.01983	0.09356		8.94E-02	0.008	4.8E-05	0.012309	1.10E-01		0.103619	0.008087	3.55E-05	0.013578	0.125319							

5243	490363.09	3865377.25	3.14158	5.68437	4.04217	6.94479	7.17E-02	0.00606	6.1E-05	0.0222	0.10001	9.48E-02	0.008009	4.95E-05	0.013785	1.17E-01	0.109845	0.008095	3.66E-05	0.015207	0.133184
5244	490863.09	3865377.25	3.56177	6.89044	4.53938	7.21261	8.13E-02	0.00734	6.8E-05	0.02306	0.11175	1.07E-01	0.009708	5.56E-05	0.014316	1.32E-01	0.124537	0.009813	4.11E-05	0.015793	0.150184
5245	491363.09	3865377.25	4.05376	8.72905	5.20551	11.54347	9.25E-02	0.0093	7.8E-05	0.0369	0.13879	1.22E-01	0.012299	6.37E-05	0.022913	1.58E-01	0.141739	0.012431	4.71E-05	0.025276	0.179494
5246	491863.09	3865377.25	4.20654	10.39807	4.88176	15.07872	9.60E-02	0.01108	7.4E-05	0.04821	0.15535	1.27E-01	0.01465	5.97E-05	0.02993	1.72E-01	0.147081	0.014808	4.42E-05	0.033017	0.194951
5247	492363.09	3865377.25	6.00034	12.09366	8.02735	9.264	1.37E-01	0.01288	0.00012	0.02962	0.17955	1.81E-01	0.017039	9.82E-05	0.018388	2.17E-01	0.209802	0.017223	7.26E-05	0.020285	0.247382
5248	492863.09	3865377.25	6.11912	5.74892	8.16443	4.53309	1.40E-01	0.00612	0.00012	0.01449	0.16038	1.85E-01	0.0081	9.99E-05	0.008998	2.02E-01	0.213955	0.008187	7.39E-05	0.009926	0.232142
5249	493363.09	3865377.25	4.6065	4.71545	6.22788	2.70641	1.05E-01	0.00502	9.4E-05	0.00865	0.11889	1.39E-01	0.006644	7.62E-05	0.005372	1.51E-01	0.161066	0.006715	5.63E-05	0.005926	0.173764
5250	493863.09	3865377.25	7.22622	8.39211	9.07483	7.14529	1.65E-01	0.00894	0.00014	0.02284	0.19683	2.18E-01	0.011824	0.000111	0.014183	2.44E-01	0.252664	0.011952	8.21E-05	0.015646	0.280344
5251	494363.09	3865377.25	7.12074	9.0695	7.94848	11.00771	1.63E-01	0.00966	0.00012	0.03519	0.20747	2.15E-01	0.012778	9.73E-05	0.021849	2.50E-01	0.248976	0.012916	7.19E-05	0.024103	0.286068
5252	494863.09	3865377.25	5.56734	8.05195	5.37277	12.74141	1.27E-01	0.00858	8.1E-05	0.04073	0.17644	1.68E-01	0.011345	6.58E-05	0.02529	2.05E-01	0.194662	0.011467	4.86E-05	0.027899	0.234077
5253	495363.09	3865377.25	4.99982	6.75882	4.70995	12.14064	1.14E-01	0.0072	7.1E-05	0.03881	0.16019	1.51E-01	0.009523	5.76E-05	0.024098	1.85E-01	0.174818	0.009626	4.26E-05	0.026584	0.211071
5254	495863.09	3865377.25	4.34948	6.64087	4.41018	10.98498	9.93E-02	0.00707	6.6E-05	0.03512	0.14152	1.31E-01	0.009357	5.4E-05	0.021804	1.62E-01	0.152079	0.009458	3.99E-05	0.024053	0.18563
5255	496363.09	3865377.25	4.15737	6.14456	4.41518	9.42442	9.49E-02	0.00655	6.7E-05	0.03013	0.13162	1.25E-01	0.008657	5.4E-05	0.018706	1.53E-01	0.145362	0.008751	3.99E-05	0.020636	0.174789
5256	496863.09	3865377.25	4.31483	6.29464	5.09251	11.01643	9.85E-02	0.00671	7.7E-05	0.03522	0.14047	1.30E-01	0.008869	6.23E-05	0.021866	1.61E-01	0.150868	0.008964	4.61E-05	0.024122	0.184001
5257	497363.09	3865377.25	3.40789	5.71046	3.8365	8.63024	7.78E-02	0.00608	5.8E-05	0.02759	0.1115	1.03E-01	0.008046	4.7E-05	0.01713	1.28E-01	0.119157	0.008133	3.47E-05	0.018897	0.146221
5258	497863.09	3865377.25	3.44034	5.8318	3.77647	8.11164	7.85E-02	0.00621	5.7E-05	0.02593	0.11071	1.04E-01	0.008217	4.62E-05	0.016101	1.28E-01	0.120291	0.008305	3.42E-05	0.017762	0.146393
5259	498363.09	3865377.25	3.18435	5.60156	3.58615	8.41221	7.27E-02	0.00597	5.4E-05	0.02689	0.10559	9.61E-02	0.007892	4.39E-05	0.016697	1.21E-01	0.111341	0.007977	3.24E-05	0.01842	0.13777
5260	471363.09	3865877.25	1.61454	3.7507	2.25479	2.5777	3.68E-02	0.004	3.4E-05	0.00824	0.04912	4.87E-02	0.005284	2.76E-05	0.005116	5.92E-02	0.056452	0.005342	2.04E-05	0.005644	0.067459
5261	471863.09	3865877.25	1.60486	3.10206	2.24193	2.58719	3.66E-02	0.0033	3.4E-05	0.00827	0.04823	4.84E-02	0.004371	2.74E-05	0.005135	5.80E-02	0.056114	0.004418	2.03E-05	0.005665	0.066217
5262	472363.09	3865877.25	1.65035	2.46215	2.28635	2.49728	3.77E-02	0.00262	3.4E-05	0.00798	0.0483	4.98E-02	0.003469	2.8E-05	0.004957	5.83E-02	0.057704	0.003506	2.07E-05	0.005468	0.0667
5263	472863.09	3865877.25	1.63478	2.68023	2.26529	2.58616	3.73E-02	0.00286	3.4E-05	0.00827	0.04846	4.93E-02	0.003776	2.77E-05	0.005133	5.83E-02	0.05716	0.003817	2.05E-05	0.005663	0.06666
5264	473363.09	3865877.25	1.63107	2.69531	2.27499	2.73902	3.72E-02	0.00287	3.4E-05	0.00876	0.04888	4.92E-02	0.003798	2.78E-05	0.005437	5.85E-02	0.05703	0.003839	2.06E-05	0.005998	0.066887
5265	473863.09	3865877.25	1.64044	2.67572	2.28984	2.74693	3.74E-02	0.00285	3.5E-05	0.00878	0.0491	4.95E-02	0.00377	2.8E-05	0.005452	5.88E-02	0.057358	0.003811	2.07E-05	0.006015	0.067204
5266	474363.09	3865877.25	1.63188	3.09819	2.2774	2.68277	3.72E-02	0.0033	3.4E-05	0.00858	0.04915	4.93E-02	0.004365	2.79E-05	0.005325	5.90E-02	0.057059	0.004412	2.06E-05	0.005874	0.067366
5267	474863.09	3865877.25	1.6297	4.03129	2.27507	2.659	3.72E-02	0.00429	3.4E-05	0.0085	0.05002	4.92E-02	0.00568	2.78E-05	0.005278	6.02E-02	0.056982	0.005741	2.06E-05	0.005822	0.068566
5268	475363.09	3865877.25	1.59027	3.62594	2.22842	2.73861	3.63E-02	0.00386	3.4E-05	0.00876	0.04894	4.80E-02	0.005109	2.73E-05	0.005436	5.86E-02	0.055604	0.005164	2.02E-05	0.005997	0.066784
5269	475863.09	3865877.25	1.51889	2.85027	2.10552	2.81815	3.47E-02	0.00304	3.2E-05	0.00901	0.04674	4.58E-02	0.004016	2.58E-05	0.005594	5.55E-02	0.053108	0.004059	1.9E-05	0.006171	0.063357
5270	476363.09	3865877.25	1.51918	3.43182	1.89697	2.79728	3.47E-02	0.00366	2.9E-05	0.00894	0.0473	4.59E-02	0.004835	2.32E-05	0.005552	5.63E-02	0.053118	0.004887	1.72E-05	0.006125	0.064148
5271	476863.09	3865877.25	1.51044	5.20806	2.04804	2.64413	3.45E-02	0.00555	3.1E-05	0.00845	0.0485	4.56E-02	0.007338	2.51E-05	0.005248	5.82E-02	0.052812	0.007417	1.85E-05	0.00579	0.066038
5272	477363.09	3865877.25	1.24235	4.27429	1.68361	2.81913	2.84E-02	0.00455	2.5E-05	0.00901	0.04194	3.75E-02	0.006022	2.06E-05	0.005596	4.91E-02	0.043439	0.006087	1.52E-05	0.006173	0.055714
5273	477863.09	3865877.25	1.24733	3.76336	1.68883	2.81607	2.85E-02	0.00401	2.5E-05	0.009	0.0415	3.76E-02	0.005302	2.07E-05	0.00559	4.86E-02	0.043613	0.00536	1.53E-05	0.006166	0.055154
5274	478363.09	3865877.25	1.27198	4.07727	1.7213	2.77588	2.90E-02	0.00434	2.6E-05	0.00887	0.04227	3.84E-02	0.005745	2.11E-05	0.00551	4.97E-02	0.044475	0.005807	1.56E-05	0.006078	0.056375
5275	478863.09	3865877.25	1.30375	3.72044	1.75923	2.91807	2.98E-02	0.00396	2.7E-05	0.00933	0.04307	3.93E-02	0.005242	2.15E-05	0.005792	5.04E-02	0.045586	0.005298	1.59E-05	0.00639	0.05729
5276	479363.09	3865877.25	1.32725	3.69327	1.79324	2.96067	3.03E-02	0.00393	2.7E-05	0.00947	0.04372	4.01E-02	0.005204	2.19E-05	0.005877	5.12E-02	0.046407	0.00526	1.62E-05	0.006483	0.058166
5277	479863.09	3865877.25	1.33292	3.80096	1.8021	2.95844	3.04E-02	0.00405	2.7E-05	0.00946	0.04395	4.02E-02	0.005355	2.21E-05	0.005872	5.15E-02	0.046605	0.005413	1.63E-05	0.006478	0.058513
5278	480363.09	3865877.25	1.34263	3.83027	1.81158	2.94936	3.06E-02	0.00408	2.7E-05	0.00943	0.04418	4.05E-02	0.005397	2.22E-05	0.005854	5.18E-02	0.046945	0.005455	1.64E-05	0.006458	0.058874
5279	480863.09	3865877.25	1.35459	3.94755	1.83401	2.97663	3.09E-02	0.00421	2.8E-05	0.00952	0.04466	4.09E-02	0.005562	2.24E-05	0.005908	5.24E-02	0.047363	0.005622	1.66E-05	0.006518	0.059519
5280	481363.09	3865877.25	1.37883	4.35775	1.86604	3.03925	3.15E-02	0.00464	2.8E-05	0.00972	0.04585	4.16E-02	0.00614	2.28E-05	0.006033	5.38E-02	0.048211	0.006206	1.69E-05	0.006655	0.061089
5281	481863.09	3865877.25	1.42048	4.36997	1.92082	3.04072	3.24E-02	0.00466	2.9E-05	0.00972	0.04682	4.29E-02	0.006157	2.35E-05	0.006036	5.51E-02	0.049667	0.006223	1.74E-05	0.006658	0.062566
5282	482363.09	3865877.25	1.46556	4.46892	1.98	3.13953	3.34E-02	0.00476	3E-05	0.01004	0.04827	4.42E-02	0.006296	2.42E-05	0.006232	5.68E-02	0.051243	0.006364	1.79E-05	0.006875	0.0645
5283	482863.09	3865877.25	2.50485	8.43889	2.04214	3.21427	5.72E-02	0.00899	3.1E-05	0.01028	0.07646	7.56E-02	0.01189	2.5E-05	0.00638	9.39E-02	0.087582	0.012018	1.85E-05	0.007038	0.106657
5284	483363.09	3865877.25	3.45047	6.48545	4.17291	3.21416	7.87E-02	0.00691	6.3E-05	0.01028	0.09599	1.04E-01	0.009138	5.11E-05	0.00638	1.20E-01	0.120645	0.009236	3.78E-05	0.007038	0.136957
5285	483863.09	3865877.25	3.84894	4.7654	5.3038	6.3465	8.78E-02	0.00508	8E-05	0.02029	0.11328	1.16E-01	0.006714	6.49E-05	0.012597	1.36E-01	0.134578	0.006787	4.8E-05	0.013897	0.155309
5286	484363.09	3865877.25	3.97378	5.06489	5.52108	7.31971	9.07E-02	0.0054	8.3E-05	0.0234	0.11957	1.20E-01	0.007136	6.76E-05	0.014529	1.42E-01	0.138943	0.007213	4.99E-05	0.016028	0.162234
5287	484863.09	3865877.25	3.97088	5.09639	5.5099	7.15987	9.06E-02	0.00543	8.3E-05	0.02289	0.11902	1.20E-01	0.00718	6.74E-05	0.014212	1.41E-01	0.138842	0.007258	4.98E-05	0.015678	0.161827
5288	485363.09	3865877.25	3.87085	4.9995	5.26126	6.94764	8.83E-02	0.00533	7.9E-05	0.02221	0.11595	1.17E-01	0.007044	6.44E-05	0.01379	1.38E-01	0.135344	0.00712	4.76E-05	0.015213	0.157725
5289	485863.09	3865877.25	3.38228	9.49083	3.55813	6.74796	7.72E-02	0.01011	5.4E-05	0.02157	0.10892	1.02E-01	0.013372	4.35E-05	0.013394	1.29E-01	0.118261	0.013516	3.22E-05	0.014776	0.146586
5290	486363.09	3865877.25	2.53637	9.62367	2.60927	6.48226	5.79E-02	0.01025	3.9E-05	0.02072	0.0889	7.66E-02	0.013559	3.19E-05	0.012867	1.03E-01	0.088684	0.013706	2.36E-05	0.014194	0.116607
5291	486863.09	3865877.25	2.0316	4.95031	2.75197	4.85466	4.64E-02	0.00527	4.1E-05	0.01552	0.0672	6.13E-02	0.006975	3.37E-05	0.009636	7.80E-02	0.071035	0.00705	2.49E-05	0.01063	0.08874
5292	487363.09	3865877.25	2.12799	5.15714	2.87326	4.45787	4.86E-02	0.00549	4.3E-05	0.01425	0.06835	6.42E-02	0.007266	3.52E-05	0.008848	8.04E-02	0.074405	0.007345	2.6E-05	0.009761	0.091537
5293	487863.09	3865877.25	2.25849	5.10247	3.03039	4.57798	5.15E-02	0.00544	4.6E-05	0.01464	0.07166	6.82E-02	0.007189	3.71E-05	0.009087	8.45E-02	0.078968	0.007267	2.74E-05	0.010024	0.096286
5294	488363.09	3865877.25	2.33837	5.30973	3.17936	4.83067	5.34E-02	0.00566	4.8E-05	0.01544	0.07451	7.06E-02	0.007481	3.89E-05	0.009588	8.77E-02	0.081761	0.007562	2.88E-05	0.010578	0.099929
5295	488863.09	3865877.25	2.47858	5.31673	3.35975	5.19809	5.66E-02	0.00566	5.1E-05	0.01662	0.0789	7.48E-02	0.007491	4.11E-05	0.010318	9.27E-02	0.086663	0.007572	3.04E-05	0.011382	0.105648
5296	489363.09	3865877.25	2.60674	5.28856	3.49766	5.78288	5.95E-02	0.00563	5.3E-05	0.01849	0.08366	7.87E-02	0.007451	4.28E-05	0.011478	9.76E-02	0.091145	0.007532	3.16E-05	0.012663	0.11137
5297	489863.09	3865877.25	2.79026	5.03703	3.63407	5.94427	6.37E-02	0.00537	5.5E-05	0.019	0.0881	8.42E-02	0.007097	4.45E-05	0.011799	1.03E-01	0.097561	0.007173	3.29E-05	0.013016	0.117784
5298	490363.09	3865877.25	2.96271	5.20858	3.87804	6.22231	6.76E-02	0.00555	5.8E-05	0.01989	0.09311	8.94E-02	0.007339	4.75E-05	0.012351	1.09E-01	0.103591	0.007418	3.51E-05	0.013625	0.124669
5299	490863.09	3865877.25	3.03359	5.63812	3.98539	6.81895	6.92E-02	0.00601	6E-05	0.0218	0.0971	9.16E-02	0.007944	4.88E-05	0.013535	1.13E-01	0.106069	0.00803	3.61E-05	0.014931	0.129066
5300	491363.09	3865877.25	3.96127	6.45194	5.17488	6.8652	9.04E-02	0.00687	7.8E-05	0.02195	0.1193	1.20E-01	0.00909	6.33E-05	0.013627	1.42E-01	0.138506	0.009189	4.68E-05	0.015032	0.162773
5301	491863.09	3865877.25	4.51872	8.88898	5.76206	12.5985	1.03E-01	0.00947	8.7E-05	0.04028	0.15296	1.36E-01	0.012524	7.05E-05	0.025007	1.74E-01	0.157997	0.012659	5.21E-05	0.027587	0.198295
5302	492363.09	3865877.25	6.2415	12.23055	6.38697	12.87256	1.42E-01	0.01303	9.6E-05	0.04115	0.19672	1.88E-01	0.017232	7.82E-05	0.025551	2.31E-01	0.218234	0.017418	5.78E-05	0.028187	0.263896
5303	492863.09	3865877.25	5.58335	7.39581	7.60087	4.76029	1.27E-01	0.00788	0.00011	0.01522	0.15063	1.69E-01	0.01042	9.3E-05	0.009449	1.88E-01	0.195222	0.010533	6.88E-05	0.010423	0.216246

5304	493363.09	3865877.25	6.3227	6.32433	8.29998	5.57447	1.44E-01	0.00674	0.00013	0.01782	0.16897	1.91E-01	0.008911	0.000102	0.011065	2.11E-01	0.221073	0.009007	7.51E-05	0.012206	0.242361
5305	493863.09	3865877.25	7.13788	8.05415	8.81987	7.74357	1.63E-01	0.00858	0.00013	0.02476	0.19636	2.15E-01	0.011348	0.000108	0.01537	2.42E-01	0.249576	0.01147	7.98E-05	0.016956	0.278081
5306	494363.09	3865877.25	6.65253	8.16053	7.55366	9.81301	1.52E-01	0.00869	0.00011	0.03137	0.192	2.01E-01	0.011498	9.25E-05	0.019478	2.32E-01	0.232605	0.011622	6.83E-05	0.021487	0.265783
5307	494863.09	3865877.25	4.93239	6.58352	4.89719	11.29258	1.13E-01	0.00701	7.4E-05	0.0361	0.15575	1.49E-01	0.009276	5.99E-05	0.022415	1.81E-01	0.172461	0.009376	4.43E-05	0.024727	0.206608
5308	495363.09	3865877.25	4.49211	6.48111	4.34825	11.78299	1.03E-01	0.0069	6.6E-05	0.03767	0.14715	1.36E-01	0.009131	5.32E-05	0.023388	1.68E-01	0.157066	0.00923	3.93E-05	0.025801	0.192137
5309	495863.09	3865877.25	4.83542	6.29363	4.56598	11.40522	1.10E-01	0.0067	6.9E-05	0.03646	0.15358	1.46E-01	0.008867	5.59E-05	0.022638	1.77E-01	0.16907	0.008963	4.13E-05	0.024974	0.203048
5310	496363.09	3865877.25	4.88726	7.07293	4.82031	11.70532	1.12E-01	0.00754	7.3E-05	0.03742	0.15656	1.48E-01	0.009965	5.9E-05	0.023234	1.81E-01	0.170883	0.010073	4.36E-05	0.025631	0.20663
5311	496863.09	3865877.25	5.08199	6.58662	5.09772	9.20302	1.16E-01	0.00702	7.7E-05	0.02942	0.15249	1.53E-01	0.00928	6.24E-05	0.018267	1.81E-01	0.177691	0.00938	4.61E-05	0.020152	0.207269
5312	497363.09	3865877.25	4.3188	5.94356	5.03045	10.97378	9.86E-02	0.00633	7.6E-05	0.03508	0.14005	1.30E-01	0.008374	6.16E-05	0.021782	1.61E-01	0.151007	0.008464	4.55E-05	0.024029	0.183546
5313	497863.09	3865877.25	3.46713	5.48469	3.99226	9.74809	7.91E-02	0.00584	6E-05	0.03116	0.11619	1.05E-01	0.007728	4.89E-05	0.019349	1.32E-01	0.121228	0.007811	3.61E-05	0.021345	0.15042
5314	498363.09	3865877.25	4.33518	6.20108	4.03932	9.31915	9.89E-02	0.00661	6.1E-05	0.02979	0.13539	1.31E-01	0.008737	4.94E-05	0.018498	1.58E-01	0.151579	0.008831	3.65E-05	0.020406	0.180853
5315	471363.09	3866377.25	1.58081	2.80224	2.20916	2.59419	3.61E-02	0.00299	3.3E-05	0.00829	0.04739	4.77E-02	0.003948	2.7E-05	0.005149	5.68E-02	0.055273	0.003991	2E-05	0.00568	0.064964
5316	471863.09	3866377.25	1.62051	2.34748	2.22231	2.5189	3.70E-02	0.0025	3.3E-05	0.00805	0.04757	4.89E-02	0.003307	2.72E-05	0.005	5.72E-02	0.056661	0.003343	2.01E-05	0.005516	0.06554
5317	472363.09	3866377.25	1.648	2.54634	2.28731	2.54556	3.76E-02	0.00271	3.4E-05	0.00814	0.04849	4.97E-02	0.003588	2.8E-05	0.005053	5.84E-02	0.057622	0.003626	2.07E-05	0.005574	0.066843
5318	472863.09	3866377.25	1.61227	2.53303	2.24936	2.71968	3.68E-02	0.0027	3.4E-05	0.00869	0.04822	4.87E-02	0.003569	2.75E-05	0.005398	5.77E-02	0.056373	0.003607	2.03E-05	0.005955	0.065956
5319	473363.09	3866377.25	1.61971	2.52821	2.26114	2.71696	3.70E-02	0.00269	3.4E-05	0.00869	0.04838	4.89E-02	0.003562	2.77E-05	0.005393	5.79E-02	0.056633	0.003601	2.05E-05	0.005949	0.066203
5320	473863.09	3866377.25	1.60612	3.48181	2.24181	2.64493	3.67E-02	0.00371	3.4E-05	0.00846	0.04885	4.85E-02	0.004906	2.74E-05	0.00525	5.87E-02	0.056158	0.004959	2.03E-05	0.005792	0.066928
5321	474363.09	3866377.25	1.5866	3.84249	2.21734	2.58509	3.62E-02	0.00409	3.3E-05	0.00826	0.0486	4.79E-02	0.005414	2.71E-05	0.005131	5.85E-02	0.055475	0.005472	2.01E-05	0.00566	0.066628
5322	474863.09	3866377.25	1.55663	3.02047	2.18147	2.63922	3.55E-02	0.00322	3.3E-05	0.00844	0.04721	4.70E-02	0.004256	2.67E-05	0.005239	5.65E-02	0.054427	0.004302	1.97E-05	0.005779	0.064528
5323	475363.09	3866377.25	1.45948	2.66088	1.99601	2.71806	3.33E-02	0.00283	3E-05	0.00869	0.04486	4.40E-02	0.003749	2.44E-05	0.005395	5.32E-02	0.051031	0.003789	1.81E-05	0.005952	0.06079
5324	475863.09	3866377.25	1.29969	3.32728	1.54629	2.73392	2.97E-02	0.00354	2.3E-05	0.00874	0.04197	3.92E-02	0.004688	1.89E-05	0.005427	4.94E-02	0.045444	0.004739	1.4E-05	0.005986	0.056182
5325	476363.09	3866377.25	1.23299	4.81185	1.57428	2.72253	2.81E-02	0.00513	2.4E-05	0.0087	0.04199	3.72E-02	0.00678	1.93E-05	0.005404	4.94E-02	0.043111	0.006853	1.42E-05	0.005961	0.05594
5326	476863.09	3866377.25	1.52651	4.085	2.05681	2.48154	3.48E-02	0.00435	3.1E-05	0.00793	0.04715	4.61E-02	0.005756	2.52E-05	0.004926	5.68E-02	0.053374	0.005818	1.86E-05	0.005434	0.064644
5327	477363.09	3866377.25	1.21891	3.61905	1.64463	2.67062	2.78E-02	0.00386	2.5E-05	0.00854	0.04023	3.68E-02	0.005099	2.01E-05	0.005301	4.72E-02	0.042619	0.005154	1.49E-05	0.005848	0.053636
5328	477863.09	3866377.25	1.22185	3.82672	1.65624	2.67213	2.79E-02	0.00408	2.5E-05	0.00854	0.04053	3.69E-02	0.005392	2.03E-05	0.005304	4.76E-02	0.042722	0.00545	1.5E-05	0.005851	0.054038
5329	478363.09	3866377.25	1.23739	3.4519	1.66739	2.77532	2.82E-02	0.00368	2.5E-05	0.00887	0.04081	3.73E-02	0.004864	2.04E-05	0.005509	4.77E-02	0.043265	0.004916	1.51E-05	0.006077	0.054273
5330	478863.09	3866377.25	1.26224	3.39544	1.70495	2.85319	2.88E-02	0.00362	2.6E-05	0.00912	0.04157	3.81E-02	0.004784	2.09E-05	0.005663	4.86E-02	0.044134	0.004836	1.54E-05	0.006248	0.055233
5331	479363.09	3866377.25	1.27775	3.55673	1.72761	2.86199	2.92E-02	0.00379	2.6E-05	0.00915	0.04212	3.86E-02	0.005011	2.11E-05	0.005681	4.93E-02	0.044676	0.005065	1.56E-05	0.006267	0.056024
5332	479863.09	3866377.25	1.29001	3.54209	1.74996	2.85681	2.94E-02	0.00377	2.6E-05	0.00913	0.04237	3.89E-02	0.004991	2.14E-05	0.00567	4.96E-02	0.045105	0.005044	1.58E-05	0.006255	0.056421
5333	480363.09	3866377.25	1.29871	3.76787	1.75713	2.83995	2.96E-02	0.00401	2.6E-05	0.00908	0.04276	3.92E-02	0.005309	2.15E-05	0.005637	5.02E-02	0.045409	0.005366	1.59E-05	0.006219	0.05701
5334	480863.09	3866377.25	1.309	4.00869	1.77045	2.92125	2.99E-02	0.00427	2.7E-05	0.00934	0.04351	3.95E-02	0.005648	2.17E-05	0.005798	5.10E-02	0.045769	0.005709	1.6E-05	0.006397	0.057891
5335	481363.09	3866377.25	1.34172	3.76252	1.81253	2.94326	3.06E-02	0.00401	2.7E-05	0.00941	0.04406	4.05E-02	0.005301	2.22E-05	0.005842	5.17E-02	0.046913	0.005358	1.64E-05	0.006445	0.058733
5336	481863.09	3866377.25	1.37119	4.20591	1.85478	2.93035	3.13E-02	0.00448	2.8E-05	0.00937	0.04517	4.14E-02	0.005926	2.27E-05	0.005816	5.31E-02	0.047944	0.00599	1.68E-05	0.006416	0.060367
5337	482363.09	3866377.25	1.54747	4.42656	1.91337	3.06793	3.53E-02	0.00472	2.9E-05	0.00981	0.04987	4.67E-02	0.006237	2.34E-05	0.00609	5.91E-02	0.054107	0.006304	1.73E-05	0.006718	0.067146
5338	482863.09	3866377.25	2.60476	8.39679	2.0065	3.10587	5.94E-02	0.00895	3E-05	0.00993	0.07835	7.86E-02	0.011831	2.46E-05	0.006165	9.66E-02	0.091075	0.011958	1.82E-05	0.006801	0.109853
5339	483363.09	3866377.25	3.46652	5.76193	4.31376	3.41269	7.91E-02	0.00614	6.5E-05	0.01091	0.09622	1.05E-01	0.008118	5.28E-05	0.006774	1.20E-01	0.121207	0.008206	3.9E-05	0.007473	0.136924
5340	483863.09	3866377.25	3.81593	4.60515	5.27039	6.48764	8.71E-02	0.00491	7.9E-05	0.02074	0.11281	1.15E-01	0.006488	6.45E-05	0.012877	1.35E-01	0.133424	0.006558	4.77E-05	0.014206	0.154236
5341	484363.09	3866377.25	3.90697	4.60108	5.42934	7.20047	8.92E-02	0.0049	8.2E-05	0.02302	0.11716	1.18E-01	0.006483	6.65E-05	0.014292	1.39E-01	0.136607	0.006553	4.91E-05	0.015767	0.158975
5342	484863.09	3866377.25	3.92851	4.65963	5.44966	7.12669	8.97E-02	0.00496	8.2E-05	0.02278	0.11748	1.19E-01	0.006565	6.67E-05	0.014146	1.39E-01	0.13736	0.006636	4.93E-05	0.015605	0.15965
5343	485363.09	3866377.25	3.77539	4.67748	5.06039	6.85985	8.62E-02	0.00498	7.6E-05	0.02193	0.11315	1.14E-01	0.00659	6.19E-05	0.013616	1.34E-01	0.132006	0.006661	4.58E-05	0.015021	0.153734
5344	485863.09	3866377.25	3.22596	9.94959	3.19313	6.62995	7.36E-02	0.0106	4.8E-05	0.0212	0.10546	9.74E-02	0.014018	3.91E-05	0.01316	1.25E-01	0.112796	0.01417	2.89E-05	0.014517	0.141511
5345	486363.09	3866377.25	2.38178	8.49081	2.49301	6.32944	5.44E-02	0.00905	3.8E-05	0.02024	0.08367	7.19E-02	0.011963	3.05E-05	0.012563	9.64E-02	0.083279	0.012092	2.26E-05	0.013859	0.109253
5346	486863.09	3866377.25	1.92528	4.56598	2.5965	4.38671	4.39E-02	0.00486	3.9E-05	0.01402	0.06286	5.81E-02	0.006433	3.18E-05	0.008707	7.33E-02	0.067317	0.006503	2.35E-05	0.009605	0.083449
5347	487363.09	3866377.25	2.09116	4.9525	2.82604	4.348	4.77E-02	0.00528	4.3E-05	0.0139	0.06694	6.31E-02	0.006978	3.46E-05	0.00863	7.88E-02	0.073117	0.007053	2.56E-05	0.009521	0.089717
5348	487863.09	3866377.25	2.23593	4.76929	3.00582	4.46549	5.10E-02	0.00508	4.5E-05	0.01428	0.07043	6.75E-02	0.00672	3.68E-05	0.008864	8.31E-02	0.078179	0.006792	2.72E-05	0.009778	0.094776
5349	488363.09	3866377.25	2.29613	5.10071	3.10565	4.67026	5.24E-02	0.00543	4.7E-05	0.01493	0.07281	6.93E-02	0.007187	3.8E-05	0.00927	8.58E-02	0.080284	0.007264	2.81E-05	0.010226	0.097803
5350	488863.09	3866377.25	2.39831	5.19615	3.21631	5.06945	5.47E-02	0.00554	4.8E-05	0.01621	0.07652	7.24E-02	0.007321	3.94E-05	0.010062	8.98E-02	0.083857	0.0074	2.91E-05	0.0111	0.102386
5351	489363.09	3866377.25	2.55079	5.173	3.38125	5.68721	5.82E-02	0.00551	5.1E-05	0.01818	0.08196	7.70E-02	0.007288	4.14E-05	0.011289	9.56E-02	0.089188	0.007367	3.06E-05	0.012453	0.109039
5352	489863.09	3866377.25	2.77859	4.93829	3.66419	5.72395	6.34E-02	0.00526	5.5E-05	0.0183	0.08703	8.39E-02	0.006958	4.48E-05	0.011361	1.02E-01	0.097153	0.007033	3.31E-05	0.012534	0.116753
5353	490363.09	3866377.25	2.77046	4.96501	3.61535	5.74288	6.32E-02	0.00529	5.4E-05	0.01836	0.08693	8.36E-02	0.006995	4.42E-05	0.011399	1.02E-01	0.096869	0.007071	3.27E-05	0.012575	0.116548
5354	490863.09	3866377.25	2.79871	4.77321	3.50757	5.97027	6.39E-02	0.00509	5.3E-05	0.01909	0.08809	8.45E-02	0.006725	4.29E-05	0.01185	1.03E-01	0.097857	0.006798	3.17E-05	0.013073	0.117759
5355	491363.09	3866377.25	3.03193	5.98934	3.84444	6.76626	6.92E-02	0.00638	5.8E-05	0.02163	0.09726	9.15E-02	0.008439	4.71E-05	0.01343	1.13E-01	0.106011	0.00853	3.48E-05	0.014816	0.129392
5356	491863.09	3866377.25	4.89661	7.0198	6.38873	8.55595	1.12E-01	0.00748	9.6E-05	0.02735	0.14667	1.48E-01	0.00989	7.82E-05	0.016983	1.75E-01	0.17121	0.009997	5.78E-05	0.018735	0.199999
5357	492363.09	3866377.25	5.93624	9.68351	6.43597	12.56342	1.35E-01	0.01032	9.7E-05	0.04017	0.18605	1.79E-01	0.013643	7.88E-05	0.024937	2.18E-01	0.20756	0.013791	5.82E-05	0.02751	0.248919
5358	492863.09	3866377.25	5.68469	11.5131	6.86192	9.62863	1.30E-01	0.01227	0.0001	0.03078	0.17288	1.72E-01	0.016221	8.4E-05	0.019112	2.07E-01	0.198765	0.016396	6.21E-05	0.021083	0.236307
5359	493363.09	3866377.25	5.81244	6.18	7.43137	6.69134	1.33E-01	0.00658	0.00011	0.02139	0.16073	1.75E-01	0.008707	9.1E-05	0.013282	1.98E-01	0.203232	0.008801	6.72E-05	0.014652	0.226752
5360	493863.09	3866377.25	5.94427	7.10205	7.22797	8.99314	1.36E-01	0.00757	0.00011	0.02875	0.17208	1.79E-01	0.010006	8.85E-05	0.01785	2.07E-01	0.207841	0.010114	6.54E-05	0.019692	0.237713
5361	494363.09	3866377.25	5.12681	7.61092	5.27975	10.79458	1.17E-01	0.00811	8E-05	0.03451	0.1597	1.55E-01	0.010723	6.46E-05	0.021426	1.87E-01	0.179259	0.010839	4.78E-05	0.023637	0.213782
5362	494863.09	3866377.25	5.18985	7.09363	5.66773	10.21796	1.18E-01	0.00756	8.5E-05	0.03267	0.15875	1.57E-01	0.009994	6.94E-05	0.020282	1.87E-01	0.181463	0.010102	5.13E-05	0.022374	0.21399
5363	495363.09	3866377.25	6.1018	8.01713	6.57541	10.6849	1.39E-01	0.00854	9.9E-05	0.03416	0.18205	1.84E-01	0.011296	8.05E-05	0.021208	2.17E-01	0.213349	0.011418	5.95E-05	0.023396	0.248223
5364	495863.09	3866377.25	6.22079	8.29412	6.63796	10.78175	1.42E-01	0.00884	0.0001	0.03447	0.18537	1.88E-01	0.011686	8.12E-05	0.021401	2.21E-01	0.21751	0.011812	6.01E-05	0.023608	0.25299

5365	496363.09	3866377.25	6.48971	8.32893	6.97394	10.36137	1.48E-01	0.00887	0.00011	0.03313	0.1902	1.96E-01	0.011735	8.54E-05	0.020566	2.28E-01	0.226912	0.011862	6.31E-05	0.022688	0.261525
5366	496863.09	3866377.25	6.60632	8.78881	7.36311	10.7952	1.51E-01	0.00936	0.00011	0.03451	0.19475	1.99E-01	0.012383	9.01E-05	0.021427	2.33E-01	0.23099	0.012517	6.66E-05	0.023638	0.267211
5367	497363.09	3866377.25	5.66237	7.03012	6.2208	8.41759	1.29E-01	0.00749	9.4E-05	0.02691	0.16371	1.71E-01	0.009905	7.61E-05	0.016708	1.98E-01	0.197984	0.010012	5.63E-05	0.018432	0.226484
5368	497863.09	3866377.25	5.72229	7.81534	5.96803	10.23298	1.31E-01	0.00833	9E-05	0.03272	0.17172	1.73E-01	0.011011	7.3E-05	0.020311	2.04E-01	0.20008	0.01113	5.4E-05	0.022407	0.233671
5369	498363.09	3866377.25	6.31543	8.52652	7.24092	8.86594	1.44E-01	0.00908	0.00011	0.02834	0.18166	1.91E-01	0.012013	8.86E-05	0.017598	2.20E-01	0.220819	0.012143	6.55E-05	0.019413	0.252441
5370	474494.92	3848334.16	8.72679	10.93559	10.30724	8.9346	1.99E-01	0.01165	0.00016	0.02856	0.23952	2.63E-01	0.015408	0.000126	0.017734	2.97E-01	0.305132	0.015574	9.32E-05	0.019564	0.340363
5371	475167.27	3848920.79	8.7272	10.7635	9.73917	8.99629	1.99E-01	0.01147	0.00015	0.02876	0.23954	2.63E-01	0.015165	0.000119	0.017857	2.97E-01	0.305146	0.015329	8.81E-05	0.019699	0.340262
5372	475297.89	3848997.96	8.94921	11.05462	10.06359	9.2492	2.04E-01	0.01178	0.00015	0.02957	0.24573	2.70E-01	0.015575	0.000123	0.018359	3.04E-01	0.312909	0.015743	9.1E-05	0.020253	0.348996
5373	475439.05	3849062	9.29544	11.53332	10.76902	8.96503	2.12E-01	0.01229	0.00016	0.02866	0.25324	2.81E-01	0.01625	0.000132	0.017795	3.15E-01	0.325015	0.016425	9.74E-05	0.01963	0.361168
5374	475486.86	3849061.09	9.52501	11.8677	11.25166	8.95931	2.17E-01	0.01264	0.00017	0.02864	0.25882	2.87E-01	0.016721	0.000138	0.017783	3.22E-01	0.333041	0.016901	0.000102	0.019618	0.369662
5375	475538.46	3849075.56	9.69415	12.10629	11.52928	9.1773	2.21E-01	0.0129	0.00017	0.02934	0.26364	2.93E-01	0.017057	0.000141	0.018216	3.28E-01	0.338955	0.017241	0.000104	0.020095	0.376396
5376	475751.79	3849137.15	10.03855	12.68019	12.01382	10.27466	2.29E-01	0.01351	0.00018	0.03285	0.27563	3.03E-01	0.017866	0.000147	0.020394	3.41E-01	0.350997	0.018058	0.000109	0.022498	0.391663
5377	476303.62	3849223.38	9.33648	11.43829	10.63433	10.62325	2.13E-01	0.01219	0.00016	0.03396	0.25937	2.82E-01	0.016116	0.00013	0.021086	3.19E-01	0.326449	0.01629	9.62E-05	0.023261	0.366097
5378	476304.51	3849238.92	9.21238	11.4759	10.65312	10.76845	2.10E-01	0.01223	0.00016	0.03443	0.25705	2.78E-01	0.016169	0.00013	0.021374	3.16E-01	0.32211	0.016343	9.64E-05	0.023579	0.362129
5379	476365.04	3849247.98	9.50704	11.52449	10.52966	10.57884	2.17E-01	0.01228	0.00016	0.03382	0.26322	2.87E-01	0.016237	0.000129	0.020998	3.24E-01	0.332413	0.016413	9.53E-05	0.023164	0.372085
5380	476444.86	3849267.13	9.84786	12.07741	10.74359	10.77342	2.25E-01	0.01287	0.00016	0.03444	0.27221	2.97E-01	0.017016	0.000131	0.021384	3.36E-01	0.34433	0.0172	9.72E-05	0.02359	0.385217
5381	476550.75	3849300.66	9.99509	12.42168	11.13623	11.65686	2.28E-01	0.01323	0.00017	0.03727	0.27876	3.02E-01	0.017501	0.000136	0.023138	3.42E-01	0.349478	0.01769	0.000101	0.025525	0.392793
5382	476656.71	3849346.88	10.07466	12.62559	11.35297	12.125	2.30E-01	0.01345	0.00017	0.03876	0.2823	3.04E-01	0.017789	0.000139	0.024067	3.46E-01	0.35226	0.017981	0.000103	0.02655	0.396893
5383	476873.55	3849454.53	9.92748	12.68522	11.34891	12.80521	2.27E-01	0.01351	0.00017	0.04094	0.28118	3.00E-01	0.017873	0.000139	0.025417	3.43E-01	0.347114	0.018066	0.000103	0.028039	0.393321
5384	477700	3849859.7	9.45419	11.52488	10.46084	13.93983	2.16E-01	0.01228	0.00016	0.04457	0.27275	2.85E-01	0.016238	0.000128	0.027669	3.29E-01	0.330565	0.016413	9.46E-05	0.030524	0.377597
5385	477743.16	3849856.38	9.62069	11.63421	10.92574	13.78328	2.20E-01	0.01239	0.00016	0.04407	0.27618	2.90E-01	0.016392	0.000134	0.027358	3.34E-01	0.336387	0.016569	9.88E-05	0.030181	0.383235
5386	478477.35	3850216.33	13.33787	17.50962	13.12805	15.6599	3.04E-01	0.01865	0.0002	0.05007	0.3733	4.03E-01	0.02467	0.000161	0.031083	4.58E-01	0.466358	0.024936	0.000119	0.03429	0.525703
5387	478485.8	3850201.6	13.42474	17.73951	13.4185	16.30807	3.06E-01	0.0189	0.0002	0.05214	0.3776	4.05E-01	0.024994	0.000164	0.03237	4.63E-01	0.469395	0.025264	0.000121	0.035709	0.53049
5388	479113.21	3850501.53	12.06437	16.44519	12.93891	21.58008	2.75E-01	0.01752	0.00019	0.06899	0.36203	3.64E-01	0.02317	0.000158	0.042834	4.30E-01	0.42183	0.02342	0.000117	0.047253	0.492621
5389	479108.11	3850382.28	11.42692	16.20188	12.17124	21.64768	2.61E-01	0.01726	0.00018	0.06921	0.34742	3.45E-01	0.022827	0.000149	0.042968	4.11E-01	0.399542	0.023074	0.00011	0.047401	0.470127
5390	479689.85	3850674.28	13.48623	17.03199	14.15889	20.3043	3.08E-01	0.01814	0.00021	0.06491	0.39104	4.07E-01	0.023997	0.000173	0.040302	4.71E-01	0.471545	0.024256	0.000128	0.04446	0.540389
5391	479952.42	3850774.28	13.78679	17.59299	15.5366	19.87612	3.15E-01	0.01874	0.00023	0.06354	0.39715	4.16E-01	0.024787	0.00019	0.039452	4.81E-01	0.482054	0.025055	0.000141	0.043522	0.550772
5392	479911.32	3850884.85	13.58212	16.87481	14.00448	22.10054	3.10E-01	0.01798	0.00021	0.07066	0.3988	4.10E-01	0.023776	0.000171	0.043867	4.78E-01	0.474898	0.024032	0.000127	0.048393	0.54745
5393	480500.92	3851178.12	14.29795	19.33816	15.98994	24.05592	3.26E-01	0.0206	0.00024	0.07691	0.42404	4.32E-01	0.027246	0.000196	0.047748	5.07E-01	0.499927	0.02754	0.000145	0.052674	0.580286
5394	480738.01	3851289.27	14.38997	19.7326	17.01392	25.64441	3.28E-01	0.02102	0.00026	0.08199	0.43165	4.34E-01	0.027802	0.000208	0.050901	5.13E-01	0.503144	0.028102	0.000154	0.056153	0.587553
5395	481055.42	3851443.58	14.59653	20.39915	17.649	26.22876	3.33E-01	0.02173	0.00027	0.08385	0.43896	4.41E-01	0.028741	0.000216	0.052061	5.22E-01	0.510367	0.029051	0.00016	0.057432	0.59701
5396	481110.22	3851443.15	14.37289	21.14728	17.43535	26.81732	3.28E-01	0.02253	0.00026	0.08574	0.43653	4.34E-01	0.029795	0.000213	0.05323	5.17E-01	0.502547	0.030117	0.000158	0.058721	0.591543
5397	481111.1	3851417.45	14.15622	21.25149	17.12478	26.66467	3.23E-01	0.02264	0.00026	0.08525	0.4312	4.27E-01	0.029942	0.00021	0.052927	5.10E-01	0.494971	0.030265	0.000155	0.058387	0.583778
5398	482248.44	3852605.09	19.21115	30.42402	24.63858	35.19286	4.38E-01	0.03241	0.00037	0.11251	0.58371	5.80E-01	0.042866	0.000302	0.069854	6.93E-01	0.671717	0.043328	0.000223	0.077061	0.792329
5399	482273.34	3852632.31	19.40507	30.74795	24.91088	35.46629	4.43E-01	0.03276	0.00038	0.11339	0.58936	5.86E-01	0.043322	0.000305	0.070397	7.00E-01	0.678497	0.04379	0.000225	0.077659	0.800171
5400	482665.46	3853038.72	22.31701	35.46755	29.05941	39.98652	5.09E-01	0.03779	0.00044	0.12784	0.67535	6.74E-01	0.049972	0.000356	0.079369	8.03E-01	0.780313	0.050511	0.000263	0.087557	0.918644
5401	483077.95	3853844.31	34.01712	62.63604	43.9154	56.0396	7.76E-01	0.06673	0.00066	0.17916	1.02285	1.03E+00	0.08825	0.000537	0.111233	1.23E+00	1.189407	0.089203	0.000397	0.122708	1.401715
5402	483121.38	3853909.38	36.06972	68.34088	46.33116	55.87511	8.23E-01	0.07281	0.0007	0.17863	1.07528	1.09E+00	0.096288	0.000567	0.110906	1.30E+00	1.261176	0.097327	0.000419	0.122348	1.48127
5403	483492.64	3853911.49	35.45262	60.46461	47.40512	46.38167	8.09E-01	0.06442	0.00071	0.14828	1.02247	1.07E+00	0.085191	0.00058	0.092063	1.25E+00	1.239599	0.08611	0.000429	0.10156	1.427699
5404	483498.29	3854204.73	43.77476	87.0999	58.51879	58.98938	9.99E-01	0.09279	0.00088	0.18859	1.28124	1.32E+00	0.122718	0.000716	0.117088	1.56E+00	1.530582	0.124043	0.000529	0.129167	1.784321
5405	484132.44	3854662.55	66.88417	66.50827	82.44011	22.93817	1.53E+00	0.07085	0.00124	0.07333	1.67178	2.02E+00	0.093706	0.001009	0.04553	2.16E+00	2.338601	0.094718	0.000746	0.050227	2.484291
5406	484627.62	3854876.13	68.74476	68.69382	75.05368	19.78729	1.57E+00	0.07318	0.00113	0.06326	1.70638	2.07E+00	0.096785	0.000919	0.039276	2.21E+00	2.403657	0.09783	0.000679	0.043328	2.545493
5407	484756.14	3854949.04	59.98941	106.6236	69.11538	19.41503	1.37E+00	0.11359	0.00104	0.06207	1.54571	1.81E+00	0.150226	0.000846	0.038537	2.00E+00	2.097526	0.151848	0.000625	0.042512	2.292512
5408	486697.51	3856599.17	54.44546	119.3748	69.1475	19.53725	1.24E+00	0.12718	0.00104	0.06246	1.43317	1.64E+00	0.168192	0.000846	0.038779	1.85E+00	1.903682	0.170007	0.000626	0.04278	2.117095
5409	487105.31	3856962.27	51.93881	184.0013	65.46684	38.93733	1.19E+00	0.19602	0.00099	0.12448	1.50678	1.57E+00	0.259246	0.000801	0.077287	1.90E+00	1.816038	0.262045	0.000592	0.08526	2.163934
5410	487157.57	3856901.7	38.88632	154.5807	50.64336	32.41377	8.87E-01	0.16468	0.00076	0.10363	1.15649	1.17E+00	0.217794	0.00062	0.064338	1.46E+00	1.359658	0.220146	0.000458	0.070975	1.651237
5411	487173.5	3856853.74	34.41983	140.2717	45.27868	27.65078	7.85E-01	0.14944	0.00068	0.0884	1.02401	1.04E+00	0.197634	0.000554	0.054884	1.29E+00	1.203487	0.199767	0.00041	0.060546	1.46421
5412	487564.41	3856860.83	22.00659	90.73353	28.29612	23.30427	5.02E-01	0.09666	0.00043	0.0745	0.6738	6.64E-01	0.127838	0.000346	0.046257	8.39E-01	0.769459	0.129218	0.000256	0.051029	0.949962
5413	487563.31	3856931.58	23.83018	101.6656	31.00113	27.13324	5.44E-01	0.10831	0.00047	0.08675	0.73935	7.19E-01	0.14324	0.000379	0.053857	9.17E-01	0.833221	0.144787	0.00028	0.059413	1.037701
5414	487782.7	3856926.85	19.26408	94.59284	24.47752	22.4011	4.40E-01	0.10077	0.00037	0.07162	0.61238	5.81E-01	0.133275	0.0003	0.044464	7.59E-01	0.673567	0.134714	0.000221	0.049051	0.857554
5415	487782.39	3856757.07	16.21111	71.68242	22.02529	16.88881	3.70E-01	0.07637	0.00033	0.05399	0.50064	4.89E-01	0.100996	0.00027	0.033523	6.24E-01	0.566821	0.102086	0.000199	0.036981	0.706087
5416	487917.26	3856752.41	14.93585	75.34318	20.29795	16.99683	3.41E-01	0.08027	0.00031	0.05434	0.47576	4.51E-01	0.106154	0.000248	0.033737	5.91E-01	0.522231	0.1073	0.000184	0.037217	0.666932
5417	487919.57	3856953.35	17.62795	87.84307	22.80303	22.01008	4.02E-01	0.09358	0.00034	0.07037	0.56658	5.32E-01	0.123765	0.000279	0.043688	7.00E-01	0.61636	0.125101	0.000206	0.048195	0.789863
5418	487932.76	3857000.32	18.2802	87.26115	23.2849	22.847	4.17E-01	0.09296	0.00035	0.07304	0.58353	5.52E-01	0.122945	0.000285	0.045349	7.20E-01	0.639166	0.124273	0.000211	0.050027	0.813677
5419	487960.5	3857044.75	18.62888	83.92003	23.9552	23.48525	4.25E-01	0.0894	0.00036	0.07508	0.58997	5.62E-01	0.118238	0.000293	0.046616	7.27E-01	0.651358	0.119514	0.000217	0.051425	0.822514
5420	488016.54	3857089.54	18.55895	83.73621	24.02384	23.83645	4.24E-01	0.08921	0.00036	0.07621	0.58931	5.60E-01	0.117979	0.000294	0.047313	7.26E-01	0.648913	0.119253	0.000217	0.052194	0.820576
5421	488114.39	3857165.47	18.41712	77.81877	23.96641	24.71762	4.20E-01	0.0829	0.00036	0.07902	0.58258	5.56E-01	0.109642	0.000293	0.049062	7.15E-01	0.643954	0.110825	0.000217	0.054123	0.809119
5422	488171.49	3857234.24	18.71654	79.2281	24.47385	26.60984	4.27E-01	0.08441	0.00037	0.08507	0.59697	5.65E-01	0.111627	0.0003	0.052818	7.30E-01	0.654423	0.112832	0.000221	0.058267	0.825743
5423	488193.16	3857297.8	19.37359	76.934	25.42174	29.0093	4.42E-01	0.08196	0.00038	0.09274	0.61721	5.85E-01	0.108395	0.000311	0.05758	7.51E-01	0.677396	0.109565	0.00023	0.063521	0.850712
5424	488189.27	3857649.94	22.75114	76.51967	36.32978	45.43029	5.19E-01	0.08152	0.00055	0.14524	0.74651	6.87E-01	0.107811	0.000445	0.090174	8.85E-01	0.795492	0.108975	0.000329	0.099477	1.004273
5425	488127.43	3857732.32	23.01928	78.6929	41.56985	53.51097	5.25E-01	0.08383	0.00063	0.17108	0.78086	6.95E-01	0.110873	0.000509	0.106214	9.12E-01	0.804868	0.11207	0.000376	0.117171	1.034485

5426	488149.93	3857752.94	22.85546	77.73666	41.22988	53.53969	5.22E-01	0.08282	0.00062	0.17117	0.77619	6.90E-01	0.109526	0.000505	0.106271	9.06E-01	0.79914	0.110708	0.000373	0.117234	1.027455
5427	488144.76	3857758.71	23.02599	78.40311	41.5378	54.15551	5.25E-01	0.08353	0.00063	0.17314	0.78276	6.95E-01	0.110465	0.000508	0.107493	9.13E-01	0.805102	0.111657	0.000376	0.118582	1.035718
5428	488335.58	3857932.55	21.37	66.82774	37.18378	56.64186	4.88E-01	0.07119	0.00056	0.18109	0.74052	6.45E-01	0.094156	0.000455	0.112428	8.52E-01	0.747201	0.095172	0.000336	0.124027	0.966736
5429	488372.29	3857943.79	20.90311	64.82938	35.67963	55.11726	4.77E-01	0.06907	0.00054	0.17621	0.72284	6.31E-01	0.09134	0.000437	0.109402	8.32E-01	0.730876	0.092327	0.000323	0.120688	0.944214
5430	488828.64	3857936.4	17.92233	46.01554	26.1025	34.42414	4.09E-01	0.04902	0.00039	0.11005	0.56847	5.41E-01	0.064833	0.000319	0.068328	6.74E-01	0.626653	0.065533	0.000236	0.075377	0.7678
5431	488829.08	3857959.58	17.97206	44.64258	26.77977	35.10833	4.10E-01	0.04756	0.0004	0.11224	0.57034	5.42E-01	0.062899	0.000328	0.069686	6.75E-01	0.628392	0.063578	0.000242	0.076876	0.769087
5432	488351.61	3857964.55	21.41359	65.2622	37.55017	58.64539	4.89E-01	0.06953	0.00057	0.18749	0.74626	6.46E-01	0.09195	0.00046	0.116405	8.55E-01	0.748725	0.092943	0.00034	0.128414	0.970421
5433	488316.87	3857947.65	21.80083	67.28692	38.7132	59.72396	4.98E-01	0.07168	0.00058	0.19094	0.76072	6.58E-01	0.094803	0.000474	0.118546	8.72E-01	0.762265	0.095826	0.00035	0.130776	0.989217
5434	488129.1	3857775.77	23.47694	80.85851	42.28887	56.44168	5.36E-01	0.08614	0.00064	0.18045	0.80299	7.09E-01	0.113925	0.000518	0.112031	9.35E-01	0.82087	0.115154	0.000383	0.123588	1.059995
5435	488062.53	3857846.13	25.98915	87.2776	52.13976	72.8375	5.93E-01	0.09298	0.00079	0.23286	0.91972	7.84E-01	0.122969	0.000638	0.144575	1.05E+00	0.908709	0.124296	0.000472	0.15949	1.192967
5436	488330.41	3858091.34	24.3135	61.35171	40.10461	77.93709	5.55E-01	0.06536	0.0006	0.24917	0.86999	7.34E-01	0.086441	0.000491	0.154697	9.75E-01	0.85012	0.087374	0.000363	0.170656	1.108513
5437	488470.87	3858174.45	22.40773	54.64236	36.02952	69.00612	5.11E-01	0.05821	0.00054	0.22061	0.79073	6.76E-01	0.076988	0.000441	0.13697	8.91E-01	0.783485	0.077819	0.000326	0.1511	1.01273
5438	488568.9	3858262.31	21.66773	49.02688	33.20221	64.48708	4.94E-01	0.05223	0.0005	0.20617	0.75337	6.54E-01	0.069076	0.000406	0.128	8.51E-01	0.757611	0.069821	0.0003	0.141205	0.968938
5439	488964.27	3858025.71	17.28614	40.74893	25.51298	33.62755	3.94E-01	0.04341	0.00038	0.10751	0.54579	5.22E-01	0.057413	0.000312	0.066747	6.46E-01	0.604409	0.058032	0.000231	0.073633	0.736305
5440	489147.25	3857956.64	15.14134	39.54718	21.89071	28.06857	3.46E-01	0.04213	0.00033	0.08974	0.47773	4.57E-01	0.055719	0.000268	0.055713	5.69E-01	0.529416	0.056321	0.000198	0.061461	0.647396
5441	489343.52	3857932.45	14.12053	38.02652	19.47169	23.9045	3.22E-01	0.04051	0.00029	0.07642	0.43947	4.26E-01	0.053577	0.000238	0.047448	5.27E-01	0.493724	0.054155	0.000176	0.052343	0.600398
5442	489866.19	3857923.19	11.03061	31.13179	15.00181	17.92744	2.52E-01	0.03317	0.00023	0.05731	0.34243	3.33E-01	0.043863	0.000184	0.035584	4.13E-01	0.385685	0.044336	0.000136	0.039255	0.469412
5443	489955.65	3857902.27	10.32687	28.99344	14.60488	16.69016	2.36E-01	0.03089	0.00022	0.05336	0.32013	3.12E-01	0.04085	0.000179	0.033128	3.86E-01	0.361078	0.041291	0.000132	0.036546	0.439047
5444	490079.44	3857847.9	9.91836	26.90313	13.74066	15.44243	2.26E-01	0.02866	0.00021	0.04937	0.30458	2.99E-01	0.037905	0.000168	0.030652	3.68E-01	0.346795	0.038314	0.000124	0.033814	0.419047
5445	490108.49	3857934.13	9.92771	27.20541	14.05579	15.67423	2.27E-01	0.02898	0.00021	0.05011	0.30586	3.00E-01	0.038331	0.000172	0.031112	3.69E-01	0.347122	0.038744	0.000127	0.034321	0.420315
5446	489884.48	3858014.17	11.65971	30.57237	15.15377	18.86455	2.66E-01	0.03257	0.00023	0.06031	0.35919	3.52E-01	0.043075	0.000185	0.037444	4.33E-01	0.407681	0.04354	0.000137	0.041307	0.492665
5447	489326.56	3858025.86	14.45421	36.37169	20.79922	26.4645	3.30E-01	0.03875	0.00031	0.08461	0.45353	4.36E-01	0.051245	0.000255	0.052529	5.40E-01	0.505391	0.051799	0.000188	0.057948	0.615326
5448	489130.38	3858056.71	16.43173	39.28603	23.12777	30.71764	3.75E-01	0.04185	0.00035	0.09821	0.51539	4.96E-01	0.055352	0.000283	0.060971	6.13E-01	0.574535	0.055949	0.000209	0.067261	0.697954
5449	488936.49	3858143.93	16.99249	41.82519	27.93224	38.43106	3.88E-01	0.04456	0.00042	0.12287	0.55563	5.13E-01	0.058929	0.000342	0.076282	6.48E-01	0.594141	0.059565	0.000253	0.084151	0.738111
5450	488638.08	3858327.45	21.3471	47.71365	31.83056	62.90967	4.87E-01	0.05083	0.00048	0.20112	0.73959	6.44E-01	0.067226	0.00039	0.124869	8.37E-01	0.7464	0.067951	0.000288	0.137751	0.95239
5451	488663.79	3858349.57	21.22798	47.20039	31.4026	62.26108	4.84E-01	0.05028	0.00047	0.19905	0.73425	6.41E-01	0.066502	0.000384	0.123582	8.31E-01	0.742235	0.06722	0.000284	0.136331	0.94607
5452	488694.56	3858349.5	20.6727	45.51799	31.02525	58.76648	4.72E-01	0.04849	0.00047	0.18788	0.70861	6.24E-01	0.064132	0.00038	0.116645	8.05E-01	0.72282	0.064824	0.000281	0.128679	0.916604
5453	488694.35	3858336.75	20.47806	45.58085	30.95897	58.43021	4.67E-01	0.04856	0.00047	0.1868	0.70315	6.18E-01	0.064221	0.000379	0.115978	7.99E-01	0.716014	0.064914	0.00028	0.127943	0.909151
5454	488712.81	3858336.38	20.1343	45.48238	30.49038	57.20794	4.59E-01	0.04845	0.00046	0.1829	0.69129	6.08E-01	0.064082	0.000373	0.113552	7.86E-01	0.703995	0.064774	0.000276	0.125266	0.89431
5455	488713.23	3858367.46	20.6012	45.26446	30.72648	58.33876	4.70E-01	0.04822	0.00046	0.18651	0.70533	6.22E-01	0.063775	0.000376	0.115796	8.02E-01	0.72032	0.064463	0.000278	0.127742	0.912803
5456	488704.63	3858384.05	21.00291	46.2551	30.68865	61.14878	4.79E-01	0.04928	0.00046	0.19549	0.72454	6.34E-01	0.065171	0.000376	0.121374	8.21E-01	0.734366	0.065874	0.000278	0.133895	0.934413
5457	488604.15	3858488.29	24.05072	48.4056	29.66385	73.16777	5.49E-01	0.05157	0.00045	0.23392	0.83479	7.26E-01	0.0682	0.000363	0.14523	9.40E-01	0.840932	0.068937	0.000268	0.160213	1.07035
5458	488605.66	3858550.47	25.0848	47.68135	28.28824	73.58288	5.72E-01	0.0508	0.00043	0.23525	0.85893	7.57E-01	0.06718	0.000346	0.146054	9.71E-01	0.877089	0.067905	0.000256	0.161122	1.106372
5459	488692.68	3858548.71	23.15419	45.79034	28.55383	67.86181	5.28E-01	0.04878	0.00043	0.21696	0.79457	6.99E-01	0.064516	0.000349	0.134699	8.98E-01	0.809585	0.065212	0.000258	0.148595	1.02365
5460	488759.93	3858461.81	21.25309	45.29016	29.12319	61.63112	4.85E-01	0.04825	0.00044	0.19704	0.73074	6.41E-01	0.063811	0.000356	0.122331	8.28E-01	0.743113	0.0645	0.000263	0.134952	0.942828
5461	488816.57	3858541.79	21.29635	43.72933	27.09295	60.78961	4.86E-01	0.04659	0.00041	0.19435	0.72734	6.43E-01	0.061612	0.000332	0.120661	8.25E-01	0.744626	0.062277	0.000245	0.133109	0.940257
5462	488944.63	3858656.77	20.48975	40.85462	24.99306	56.38746	4.68E-01	0.04352	0.00038	0.18027	0.69177	6.18E-01	0.057562	0.000306	0.111923	7.88E-01	0.716423	0.058183	0.000226	0.12347	0.898302
5463	489134.91	3858830.7	19.39369	36.78548	23.05781	50.06158	4.43E-01	0.03919	0.00035	0.16005	0.64216	5.85E-01	0.051828	0.000282	0.099367	7.37E-01	0.678099	0.052388	0.000209	0.109618	0.840314
5464	489193.99	3858886.05	19.12743	35.53431	22.53194	48.13515	4.37E-01	0.03786	0.00034	0.15389	0.62859	5.77E-01	0.050066	0.000276	0.095543	7.23E-01	0.66879	0.050606	0.000204	0.1054	0.824999
5465	489295.2	3858954.34	18.46537	34.09844	21.62304	45.75483	4.21E-01	0.03633	0.00033	0.14628	0.60433	5.57E-01	0.048043	0.000265	0.090819	6.96E-01	0.645641	0.048561	0.000196	0.100188	0.794585
5466	489295.64	3858992.74	18.88617	33.28281	21.84446	44.95695	4.31E-01	0.03546	0.00033	0.14373	0.61051	5.70E-01	0.046893	0.000267	0.089235	7.06E-01	0.660354	0.0474	0.000198	0.098441	0.806392
5467	489183.74	3858911.72	19.54546	35.25479	23.04377	48.08635	4.46E-01	0.03756	0.00035	0.15373	0.63768	5.90E-01	0.049672	0.000282	0.095446	7.35E-01	0.683406	0.050208	0.000208	0.105293	0.839115
5468	488873.37	3858625.59	21.25451	41.99321	25.82991	59.06642	4.85E-01	0.04474	0.00039	0.18884	0.71901	6.41E-01	0.059166	0.000316	0.117241	8.18E-01	0.743163	0.059804	0.000234	0.129336	0.932537
5469	488842.84	3858658.69	21.90783	42.01559	26.753	60.39047	5.00E-01	0.04476	0.0004	0.19307	0.73819	6.61E-01	0.059197	0.000327	0.119869	8.41E-01	0.766006	0.059836	0.000242	0.132235	0.958319
5470	488856.39	3858670.93	21.84705	41.76887	26.63174	59.83174	4.99E-01	0.0445	0.0004	0.19128	0.73475	6.59E-01	0.05885	0.000326	0.11876	8.37E-01	0.763881	0.059485	0.000241	0.131012	0.954618
5471	488805.7	3858724.5	24.07809	42.35905	25.92838	62.82144	5.49E-01	0.04513	0.00039	0.20084	0.79584	7.27E-01	0.059681	0.000317	0.124694	9.11E-01	0.841889	0.060325	0.000235	0.137558	1.040007
5472	488805.87	3858804.16	35.18657	39.96681	24.38548	59.88521	8.03E-01	0.04258	0.00037	0.19145	1.03739	1.06E+00	0.056311	0.000298	0.118866	1.24E+00	1.230296	0.056919	0.000221	0.131129	1.418564
5473	488995.78	3858936.96	29.69292	36.95803	22.69741	52.35755	6.78E-01	0.03937	0.00034	0.16739	0.88472	8.96E-01	0.052072	0.000278	0.103924	1.05E+00	1.038211	0.052634	0.000205	0.114646	1.205696
5474	489130.76	3859017.38	24.86315	35.67256	22.51612	50.07847	5.67E-01	0.038	0.00034	0.1601	0.76584	7.50E-01	0.05026	0.000276	0.099401	9.00E-01	0.869339	0.050803	0.000204	0.109655	1.03
5475	489130.92	3859052.24	27.01285	34.76597	21.65266	48.20208	6.16E-01	0.03704	0.00033	0.1541	0.80792	8.15E-01	0.048983	0.000265	0.095676	9.60E-01	0.944503	0.049512	0.000196	0.105546	1.099757
5476	489200.33	3859090.6	24.6117	34.18323	21.60553	47.45359	5.62E-01	0.03642	0.00033	0.15171	0.75011	7.43E-01	0.048162	0.000264	0.09419	8.85E-01	0.860547	0.048682	0.000195	0.103908	1.013332
5477	489296.07	3859143.7	22.13621	33.15264	21.37984	46.0038	5.05E-01	0.03532	0.00032	0.14708	0.68788	6.68E-01	0.04671	0.000262	0.091313	8.06E-01	0.773991	0.047214	0.000193	0.100733	0.922132
5478	489296.43	3858954.74	18.45311	34.08979	21.6101	45.73663	4.21E-01	0.03632	0.00033	0.14622	0.60398	5.57E-01	0.04803	0.000264	0.090782	6.96E-01	0.645212	0.048549	0.000195	0.100148	0.794104
5479	489410.33	3859033.19	17.79218	32.56845	20.61905	43.26303	4.06E-01	0.0347	0.00031	0.13831	0.57935	5.37E-01	0.045887	0.000252	0.085873	6.69E-01	0.622103	0.046382	0.000187	0.094732	0.763403
5480	489371.37	3859089.8	19.13541	32.31678	21.50717	43.73895	4.37E-01	0.03443	0.00032	0.13983	0.61127	5.78E-01	0.045532	0.000263	0.086817	7.10E-01	0.669069	0.046024	0.000195	0.095774	0.811061
5481	489390.52	3859102.82	19.00439	32.02732	21.32595	43.28398	4.34E-01	0.03412	0.00032	0.13838	0.60652	5.74E-01	0.045124	0.000261	0.085914	7.05E-01	0.664487	0.045612	0.000193	0.094777	0.805069
5482	489382.3	3859114.53	19.38272	32.12344	21.48216	43.48368	4.42E-01	0.03422	0.00032	0.13902	0.61589	5.85E-01	0.04526	0.000263	0.086311	7.17E-01	0.677716	0.045748	0.000194	0.095215	0.818873
5483	489363.04	3859102.45	19.55018	32.39368	21.65673	43.98292	4.46E-01	0.03451	0.00033	0.14061	0.6216	5.90E-01	0.045641	0.000265	0.087302	7.23E-01	0.683571	0.046133	0.000196	0.096308	0.826208
5484	489337.52	3859140.71	20.96423	32.80209	21.57353	45.53912	4.78E-01	0.03495	0.00033	0.14559	0.65928	6.33E-01	0.046216	0.000264	0.09039	7.70E-01	0.733013	0.046715	0.000195	0.099715	0.879639
5485	489375.14	3859164.55	20.49496	32.257	21.34376	44.63442	4.68E-01	0.03436	0.00032	0.1427	0.6451	6.19E-01	0.045448	0.000261	0.088595	7.53E-01	0.716605	0.045939	0.000193	0.097734	0.860471
5486	489409.3	3859114.5	18.85857	31.7473	21.14164	42.83675	4.30E-01	0.03382	0.00032	0.13695	0.60146	5.69E-01	0.04473	0.000259	0.085026	6.99E-01	0.659389	0.045213	0.000191	0.093798	0.798591

5487	489434.87	3859131.81	18.69601	31.3992	20.91535	42.2438	4.27E-01	0.03345	0.00032	0.13505	0.59548	5.64E-01	0.044239	0.000256	0.08385	6.93E-01	0.653705	0.044717	0.000189	0.0925	0.791111
5488	489471.87	3859075.75	17.45212	31.80014	20.10166	42.01533	3.98E-01	0.03388	0.0003	0.13432	0.56678	5.27E-01	0.044804	0.000246	0.083396	6.55E-01	0.610212	0.045288	0.000182	0.092	0.747682
5489	489602.62	3859164.69	16.73515	30.21404	19.21296	39.60246	3.82E-01	0.03219	0.00029	0.12661	0.541	5.05E-01	0.04257	0.000235	0.078607	6.26E-01	0.585144	0.043029	0.000174	0.086716	0.715063
5490	489558.29	3859232.45	18.10244	29.76257	19.94556	39.71687	4.13E-01	0.03171	0.0003	0.12698	0.5721	5.46E-01	0.041934	0.000244	0.078834	6.67E-01	0.632951	0.042386	0.00018	0.086967	0.762484
5491	489620.11	3859273.56	17.65385	28.91436	19.36901	38.48731	4.03E-01	0.0308	0.00029	0.12304	0.55702	5.33E-01	0.040738	0.000237	0.076393	6.50E-01	0.617266	0.041178	0.000175	0.084274	0.742894
5492	489666.06	3859206.42	16.37498	29.45977	18.90901	38.53119	3.74E-01	0.03138	0.00028	0.12319	0.52855	4.94E-01	0.041507	0.000231	0.07648	6.12E-01	0.57255	0.041955	0.000171	0.08437	0.699047
5493	489787.9	3859285.65	15.70795	28.12473	18.36277	36.58289	3.58E-01	0.02996	0.00028	0.11696	0.50566	4.74E-01	0.039626	0.000225	0.072613	5.87E-01	0.549228	0.040054	0.000166	0.080104	0.669552
5494	489752.17	3859343.13	16.6378	27.14393	18.25462	35.64985	3.80E-01	0.02892	0.00028	0.11397	0.52285	5.02E-01	0.038244	0.000223	0.070761	6.11E-01	0.58174	0.038657	0.000165	0.078061	0.698623
5495	489814.94	3859385.33	16.2708	26.61692	17.84848	34.69436	3.71E-01	0.02836	0.00027	0.11092	0.51086	4.91E-01	0.037502	0.000218	0.068865	5.98E-01	0.568908	0.037906	0.000161	0.075969	0.682945
5496	489853.42	3859330.74	15.38107	27.41825	18.0166	35.59498	3.51E-01	0.02921	0.00027	0.1138	0.49429	4.64E-01	0.038631	0.000221	0.070652	5.74E-01	0.537798	0.039048	0.000163	0.077941	0.65495
5497	489969.5	3859401.91	14.74605	26.24431	17.54749	33.9277	3.37E-01	0.02796	0.00026	0.10847	0.47321	4.45E-01	0.036977	0.000215	0.067343	5.50E-01	0.515595	0.037376	0.000159	0.07429	0.62742
5498	490166.91	3859486.96	13.36177	24.26361	16.91453	31.07155	3.05E-01	0.02585	0.00025	0.09934	0.43037	4.03E-01	0.034186	0.000207	0.061674	4.99E-01	0.467194	0.034555	0.000153	0.068036	0.569938
5499	490128.86	3859571.46	14.35347	24.20447	15.71488	31.67892	3.28E-01	0.02579	0.00024	0.10128	0.45486	4.33E-01	0.034103	0.000192	0.062879	5.30E-01	0.501868	0.034471	0.000142	0.069366	0.605847
5500	490186.65	3859593.65	13.9787	23.87861	15.77576	31.18692	3.19E-01	0.02544	0.00024	0.09971	0.44439	4.22E-01	0.033643	0.000193	0.061903	5.18E-01	0.488764	0.034007	0.000143	0.068289	0.591203
5501	490223.74	3859517.48	13.08114	23.8274	16.63832	30.45061	2.99E-01	0.02538	0.00025	0.09735	0.42151	3.95E-01	0.033571	0.000204	0.060441	4.89E-01	0.457381	0.033934	0.000151	0.066677	0.558142
5502	490846.34	3859817.22	10.98449	19.13639	13.90212	23.5346	2.51E-01	0.02039	0.00021	0.07524	0.34651	3.32E-01	0.026962	0.00017	0.046714	4.05E-01	0.384072	0.027253	0.000126	0.051533	0.462984
5503	490925.65	3859844.59	10.67941	18.9691	13.86844	25.19231	2.44E-01	0.02021	0.00021	0.08054	0.34467	3.22E-01	0.026726	0.00017	0.050004	3.99E-01	0.373405	0.027015	0.000125	0.055163	0.455708
5504	491159.29	3859896.28	9.94703	17.66808	13.01256	21.62525	2.27E-01	0.01882	0.0002	0.06914	0.31515	3.00E-01	0.024893	0.000159	0.042924	3.68E-01	0.347797	0.025162	0.000118	0.047352	0.420429
5505	491370.69	3859960.89	9.16336	16.60023	12.11194	20.51064	2.09E-01	0.01768	0.00018	0.06557	0.29256	2.77E-01	0.023389	0.000148	0.040711	3.41E-01	0.320396	0.023641	0.00011	0.044911	0.389059
5506	491330.28	3860063.17	9.35729	16.39212	12.14062	20.85145	2.14E-01	0.01746	0.00018	0.06666	0.29785	2.82E-01	0.023095	0.000149	0.041388	3.47E-01	0.327177	0.023345	0.00011	0.045658	0.396289
5507	491636.45	3860180.75	8.65732	15.2381	11.102	19.12296	1.98E-01	0.01623	0.00017	0.06114	0.2751	2.61E-01	0.02147	0.000136	0.037957	3.21E-01	0.302703	0.021701	0.0001	0.041873	0.366377
5508	491617.94	3860203.93	8.73273	15.18817	11.17741	19.2169	1.99E-01	0.01618	0.00017	0.06144	0.27707	2.64E-01	0.021399	0.000137	0.038144	3.23E-01	0.305339	0.02163	0.000101	0.042079	0.369149
5509	491805.68	3860271.59	8.27222	14.61959	10.67338	18.37441	1.89E-01	0.01557	0.00016	0.05874	0.26326	2.50E-01	0.020598	0.000131	0.036471	3.07E-01	0.289238	0.02082	9.66E-05	0.040234	0.350389
5510	491654.23	3860414.02	8.90848	14.8513	10.53056	18.85505	2.03E-01	0.01582	0.00016	0.06028	0.27956	2.69E-01	0.020925	0.000129	0.037425	3.27E-01	0.311484	0.02115	9.53E-05	0.041286	0.374016
5511	491592.62	3860510.76	8.84347	15.15462	10.76756	19.7051	2.02E-01	0.01614	0.00016	0.063	0.28112	2.67E-01	0.021352	0.000132	0.039113	3.28E-01	0.309211	0.021582	9.74E-05	0.043148	0.374039
5512	491475.41	3860368.93	9.0734	15.61388	10.90173	20.29111	2.07E-01	0.01663	0.00016	0.06487	0.28873	2.74E-01	0.021999	0.000133	0.040276	3.36E-01	0.317251	0.022236	9.86E-05	0.044431	0.384017
5513	491445.61	3860337.28	9.14984	15.71723	10.93629	20.40896	2.09E-01	0.01674	0.00016	0.06525	0.29096	2.76E-01	0.022145	0.000134	0.04051	3.39E-01	0.319924	0.022384	9.89E-05	0.044689	0.387095
5514	491399.05	3860300.37	9.27911	15.94798	11.08697	20.68091	2.12E-01	0.01699	0.00017	0.06612	0.29503	2.80E-01	0.02247	0.000136	0.041049	3.44E-01	0.324444	0.022712	0.0001	0.045284	0.39254
5515	491228.84	3860235.98	9.65886	16.71272	11.84354	21.81889	2.20E-01	0.0178	0.00018	0.06976	0.30816	2.92E-01	0.023547	0.000145	0.043308	3.59E-01	0.337721	0.023801	0.000107	0.047776	0.409406
5516	491228.47	3860174.57	9.71167	16.78036	11.67022	21.71831	2.22E-01	0.01788	0.00018	0.06943	0.30911	2.93E-01	0.023642	0.000143	0.043109	3.60E-01	0.339568	0.023898	0.000106	0.047556	0.411127
5517	491145.77	3860112.55	9.98187	17.29897	12.02411	22.28396	2.28E-01	0.01843	0.00018	0.07124	0.31765	3.01E-01	0.024373	0.000147	0.044231	3.70E-01	0.349016	0.024636	0.000109	0.048794	0.422555
5518	490844.41	3859966.22	11.06225	19.41885	13.71978	24.76662	2.52E-01	0.02069	0.00021	0.07918	0.35252	3.34E-01	0.02736	0.000168	0.049159	4.11E-01	0.386791	0.027655	0.000124	0.054231	0.468801
5519	490845.55	3859928.15	11.00038	19.51837	13.6787	24.71845	2.51E-01	0.02079	0.00021	0.07903	0.35106	3.32E-01	0.0275	0.000167	0.049064	4.09E-01	0.384628	0.027797	0.000124	0.054125	0.466674
5520	490046.91	3859625.6	15.1371	24.12011	16.42188	31.9677	3.45E-01	0.0257	0.00025	0.1022	0.47359	4.57E-01	0.033984	0.000201	0.063453	5.54E-01	0.529268	0.034351	0.000149	0.069999	0.633766
5521	489970.48	3859589.4	15.59809	24.88412	17.09228	32.98625	3.56E-01	0.02651	0.00026	0.10546	0.48819	4.71E-01	0.03506	0.000209	0.065474	5.72E-01	0.545386	0.035439	0.000155	0.072229	0.653208
5522	489865.89	3859529.06	16.28898	25.91633	17.89182	34.90287	3.72E-01	0.02761	0.00027	0.11159	0.51119	4.92E-01	0.036514	0.000219	0.069279	5.98E-01	0.569543	0.036909	0.000162	0.076426	0.683039
5523	489826.89	3859531.74	16.61048	26.55014	18.09664	35.88546	3.79E-01	0.02829	0.00027	0.11473	0.52235	5.01E-01	0.037407	0.000221	0.071229	6.10E-01	0.580784	0.037811	0.000164	0.078577	0.697337
5524	489410.47	3859303.06	22.81745	30.12164	19.30297	40.69573	5.21E-01	0.03209	0.00029	0.13011	0.6832	6.89E-01	0.042439	0.000236	0.080777	8.12E-01	0.797811	0.042898	0.000175	0.08911	0.929993
5525	489407.15	3859286.09	22.58899	30.54349	19.52476	41.51408	5.15E-01	0.03254	0.00029	0.13272	0.68105	6.82E-01	0.043034	0.000239	0.082401	8.07E-01	0.789823	0.043498	0.000177	0.090902	0.9244
5526	488806.07	3858963.62	32.75677	37.98976	23.32746	53.40459	7.48E-01	0.04047	0.00035	0.17074	0.9591	9.89E-01	0.053525	0.000286	0.106003	1.15E+00	1.145339	0.054103	0.000211	0.116938	1.316591
5527	488817.64	3859546.3	15.66387	26.55281	17.26014	34.10206	3.57E-01	0.02829	0.00026	0.10903	0.49504	4.73E-01	0.037411	0.000211	0.067689	5.78E-01	0.547686	0.037815	0.000156	0.074672	0.66033
5528	489187.25	3859549.52	18.42234	26.57353	17.63978	36.79747	4.20E-01	0.02831	0.00027	0.11764	0.56663	5.56E-01	0.03744	0.000216	0.073039	6.67E-01	0.644136	0.037845	0.00016	0.080574	0.762714
5529	489187.66	3859523.74	18.94955	27.09117	17.86098	37.7144	4.32E-01	0.02886	0.00027	0.12057	0.58215	5.72E-01	0.03817	0.000219	0.074859	6.85E-01	0.66257	0.038582	0.000162	0.082582	0.783895
5530	489232.59	3859522.85	19.64389	27.19543	18.0719	38.29872	4.48E-01	0.02897	0.00027	0.12244	0.59998	5.93E-01	0.038317	0.000221	0.076019	7.07E-01	0.686848	0.03873	0.000163	0.083861	0.809603
5531	489224.98	3859759.91	16.19957	22.86609	16.51184	30.64514	3.70E-01	0.02436	0.00025	0.09797	0.49227	4.89E-01	0.032217	0.000202	0.060827	5.82E-01	0.566417	0.032565	0.000149	0.067103	0.666234
5532	488401.39	3859763.34	10.34522	25.8374	13.77199	33.20443	2.36E-01	0.02753	0.00021	0.10616	0.36997	3.12E-01	0.036403	0.000169	0.065907	4.15E-01	0.36172	0.036796	0.000125	0.072707	0.471347
5533	488405.51	3859966.16	9.41757	20.66986	11.96592	29.91875	2.15E-01	0.02202	0.00018	0.09565	0.33277	2.84E-01	0.029123	0.000146	0.059386	3.73E-01	0.329285	0.029437	0.000108	0.065512	0.424342
5534	489202.85	3859956.57	13.49057	21.98646	15.23574	28.78043	3.08E-01	0.02342	0.00023	0.09201	0.42353	4.07E-01	0.030978	0.000186	0.057126	4.95E-01	0.471697	0.031312	0.000138	0.06302	0.566166
5535	489191.9	3860676.74	9.03284	24.90126	11.2875	28.09859	2.06E-01	0.02653	0.00017	0.08983	0.32267	2.73E-01	0.035084	0.000138	0.055773	3.64E-01	0.315833	0.035463	0.000102	0.061527	0.412924
5536	488392.82	3860687.88	6.92175	16.19778	9.39969	17.69829	1.58E-01	0.01726	0.00014	0.05658	0.23194	2.09E-01	0.022822	0.000115	0.035129	2.67E-01	0.242019	0.023068	8.5E-05	0.038753	0.303925
5537	488392.82	3860760.27	6.76856	16.15511	9.19929	16.51958	1.54E-01	0.01721	0.00014	0.05281	0.22463	2.04E-01	0.022762	0.000113	0.03279	2.60E-01	0.236662	0.023007	8.32E-05	0.036172	0.295925
5538	487549.05	3860777.45	4.90884	16.33042	6.67399	10.08667	1.12E-01	0.0174	0.0001	0.03225	0.16177	1.48E-01	0.023009	8.17E-05	0.020021	1.91E-01	0.171637	0.023257	6.04E-05	0.022086	0.217041
5539	487554.62	3859571.83	7.7975	25.82773	10.54885	17.46837	1.78E-01	0.02752	0.00016	0.05585	0.26147	2.35E-01	0.03639	0.000129	0.034673	3.07E-01	0.272639	0.036782	9.54E-05	0.03825	0.347767
5540	485949.46	3859558.54	4.65786	21.51459	6.40714	8.76522	1.06E-01	0.02292	9.7E-05	0.02802	0.15734	1.41E-01	0.030313	7.84E-05	0.017398	1.88E-01	0.162862	0.03064	5.8E-05	0.019193	0.212753
5541	485947.55	3857943.61	7.79297	46.71842	10.50654	16.38191	1.78E-01	0.04977	0.00016	0.05237	0.28014	2.35E-01	0.065823	0.000129	0.032516	3.34E-01	0.272481	0.066534	9.5E-05	0.035871	0.374981
5542	484738.38	3857940.21	5.33735	29.88366	7.36329	12.09401	1.22E-01	0.03184	0.00011	0.03866	0.19241	1.61E-01	0.042104	9.01E-05	0.024005	2.27E-01	0.18662	0.042559	6.66E-05	0.026482	0.255727
5543	484737.06	3857535.68	6.42538	28.68334	8.72867	13.81162	1.47E-01	0.03056	0.00013	0.04416	0.22148	1.94E-01	0.040413	0.000107	0.027415	2.62E-01	0.224663	0.040849	7.9E-05	0.030243	0.295834
5544	483730.2	3857530.13	5.57663	19.04449	7.92339	11.42382	1.27E-01	0.02029	0.00012	0.03652	0.18419	1.68E-01	0.026832	9.7E-05	0.022675	2.18E-01	0.194987	0.027122	7.17E-05	0.025014	0.247195
5545	483727.27	3857130.01	6.8678	21.7066	9.14276	12.81768	1.57E-01	0.02312	0.00014	0.04098	0.22097	2.07E-01	0.030583	0.000112	0.025442	2.63E-01	0.240132	0.030913	8.27E-05	0.028066	0.299195
5546	483124.42	3857123.45	6.24467	20.22938	8.29252	11.54719	1.43E-01	0.02155	0.00012	0.03692	0.2011	1.88E-01	0.028502	0.000101	0.02292	2.40E-01	0.218345	0.02881	7.5E-05	0.025284	0.272514
5547	483111.13	3855921.03	8.57816	33.59927	11.70306	16.66784	1.96E-01	0.03579	0.00018	0.05329	0.28502	2.59E-01	0.047339	0.000143	0.033084	3.39E-01	0.299935	0.04785	0.000106	0.036497	0.384388

5548	482701.73	3855918.24	7.7862	32.98377	10.64826	14.7229	1.78E-01	0.03514	0.00016	0.04707	0.26006	2.35E-01	0.046472	0.00013	0.029223	3.11E-01	0.272244	0.046974	9.63E-05	0.032238	0.351552
5549	482668.02	3853521.78	34.31023	49.02391	35.0607	48.30158	7.83E-01	0.05223	0.00053	0.15442	0.99016	1.04E+00	0.069072	0.000429	0.095874	1.20E+00	1.199655	0.069817	0.000317	0.105764	1.375554
5550	482579.91	3853219.19	24.08009	36.87543	30.74615	40.31266	5.50E-01	0.03928	0.00046	0.12888	0.71816	7.27E-01	0.051955	0.000376	0.080016	8.59E-01	0.841959	0.052516	0.000278	0.088271	0.983024
5551	482434.06	3852961.94	22.3531	34.08131	28.83749	38.0262	5.10E-01	0.03631	0.00043	0.12157	0.66843	6.75E-01	0.048018	0.000353	0.075478	7.98E-01	0.781575	0.048537	0.000261	0.083265	0.913637
5552	482332.11	3852832.85	21.20387	32.49498	27.32159	37.37002	4.84E-01	0.03462	0.00041	0.11947	0.63839	6.40E-01	0.045783	0.000334	0.074176	7.60E-01	0.741392	0.046278	0.000247	0.081828	0.869745
5553	481334.99	3851818.96	15.9782	21.91867	19.4122	29.24604	3.65E-01	0.02335	0.00029	0.0935	0.48178	4.82E-01	0.030882	0.000238	0.05805	5.71E-01	0.558677	0.031215	0.000176	0.064039	0.654107
5554	481127.62	3851646.36	15.35353	21.27858	18.62347	27.94062	3.50E-01	0.02267	0.00028	0.08933	0.46266	4.63E-01	0.02998	0.000228	0.055459	5.49E-01	0.536835	0.030304	0.000168	0.061181	0.628488
5555	481025.04	3851591.73	15.38196	21.1945	18.40127	26.91789	3.51E-01	0.02258	0.00028	0.08606	0.45994	4.64E-01	0.029862	0.000225	0.053429	5.48E-01	0.537829	0.030184	0.000166	0.058941	0.627121
5556	480513.6	3851335.76	14.39556	19.55622	16.14921	23.84476	3.29E-01	0.02083	0.00024	0.07623	0.42583	4.34E-01	0.027553	0.000198	0.047329	5.10E-01	0.50334	0.027851	0.000146	0.052212	0.583549
5557	480523.56	3851317.66	14.30805	19.70912	16.27356	23.41512	3.27E-01	0.021	0.00025	0.07486	0.42262	4.32E-01	0.027769	0.000199	0.046477	5.06E-01	0.50028	0.028069	0.000147	0.051271	0.579767
5558	476921.56	3849569.11	9.29687	11.19769	10.05306	13.18476	2.12E-01	0.01193	0.00015	0.04215	0.26639	2.81E-01	0.015777	0.000123	0.02617	3.23E-01	0.325065	0.015947	9.09E-05	0.02887	0.369973
5559	476521.19	3849373.96	9.24128	11.2352	9.93241	11.40465	2.11E-01	0.01197	0.00015	0.03646	0.25947	2.79E-01	0.01583	0.000122	0.022637	3.17E-01	0.323121	0.016001	8.99E-05	0.024972	0.364184
5560	476391.45	3849333.38	8.73686	11.07894	9.90444	11.61148	1.99E-01	0.0118	0.00015	0.03712	0.24846	2.64E-01	0.01561	0.000121	0.023048	3.02E-01	0.305484	0.015778	8.96E-05	0.025425	0.346777
5561	476219.41	3849304.29	8.75275	11.66921	10.16871	11.33242	2.00E-01	0.01243	0.00015	0.03623	0.24856	2.64E-01	0.016441	0.000124	0.022494	3.03E-01	0.306039	0.016619	9.2E-05	0.024814	0.347564
5562	475679.11	3849218.47	9.26776	11.6554	10.43652	11.06723	2.11E-01	0.01242	0.00016	0.03538	0.25945	2.80E-01	0.016422	0.000128	0.021967	3.18E-01	0.324047	0.016599	9.44E-05	0.024234	0.364974
5563	475677.71	3849233.88	9.13543	11.4699	10.17694	11.04436	2.08E-01	0.01222	0.00015	0.03531	0.25616	2.76E-01	0.01616	0.000125	0.021922	3.14E-01	0.31942	0.016335	9.21E-05	0.024183	0.36003
5564	475492.74	3849204.66	8.55051	10.69935	9.78503	6.78965	1.95E-01	0.0114	0.00015	0.02171	0.22838	2.58E-01	0.015075	0.00012	0.013477	2.87E-01	0.298968	0.015237	8.85E-05	0.014867	0.329161
5565	475497.64	3849158.75	8.86984	10.93579	9.98717	8.35932	2.02E-01	0.01165	0.00015	0.02672	0.24094	2.68E-01	0.015408	0.000122	0.016592	3.00E-01	0.310133	0.015574	9.04E-05	0.018304	0.344102
5566	475391.35	3849141.94	8.34522	10.86404	9.37502	8.62366	1.90E-01	0.01157	0.00014	0.02757	0.22973	2.52E-01	0.015307	0.000115	0.017117	2.84E-01	0.29179	0.015472	8.48E-05	0.018883	0.32623
5567	475277	3849095.47	8.28205	10.97211	9.44419	8.33768	1.89E-01	0.01169	0.00014	0.02666	0.22749	2.50E-01	0.015459	0.000116	0.016549	2.82E-01	0.289581	0.015626	8.54E-05	0.018257	0.323549
5568	475183.93	3849025.66	8.22384	10.81669	9.34964	8.27591	1.88E-01	0.01152	0.00014	0.02646	0.2258	2.48E-01	0.01524	0.000114	0.016427	2.80E-01	0.287546	0.015405	8.46E-05	0.018121	0.321157
5569	474453.23	3848378.77	8.35264	10.4079	9.48951	9.05903	1.91E-01	0.01109	0.00014	0.02896	0.23081	2.52E-01	0.014664	0.000116	0.017981	2.85E-01	0.29205	0.014822	8.58E-05	0.019836	0.326794
5570	474569.63	3848399.34	8.75273	10.95558	10.2792	9.04454	2.00E-01	0.01167	0.00015	0.02892	0.24049	2.64E-01	0.015436	0.000126	0.017952	2.98E-01	0.306039	0.015602	9.3E-05	0.019805	0.341539
5571	474644.33	3848464.52	8.76756	10.96298	10.2237	9.19634	2.00E-01	0.01168	0.00015	0.0294	0.24132	2.65E-01	0.015446	0.000125	0.018254	2.98E-01	0.306557	0.015613	9.25E-05	0.020137	0.3424
5572	474719.04	3848529.7	8.78087	10.96252	10.1797	9.24909	2.00E-01	0.01168	0.00015	0.02957	0.24179	2.65E-01	0.015445	0.000125	0.018358	2.99E-01	0.307023	0.015612	9.21E-05	0.020252	0.342979
5573	474793.74	3848594.88	8.79873	10.96115	10.18092	9.05953	2.01E-01	0.01168	0.00015	0.02896	0.24159	2.66E-01	0.015444	0.000125	0.017982	2.99E-01	0.307647	0.01561	9.21E-05	0.019837	0.343187
5574	474868.45	3848660.07	8.78666	10.92373	10.1726	8.68417	2.01E-01	0.01164	0.00015	0.02776	0.24007	2.65E-01	0.015391	0.000125	0.017237	2.98E-01	0.307225	0.015557	9.2E-05	0.019015	0.34189
5575	474943.15	3848725.25	8.76053	10.87383	10.10316	8.50895	2.00E-01	0.01158	0.00015	0.0272	0.23886	2.64E-01	0.015321	0.000124	0.016889	2.97E-01	0.306311	0.015486	9.14E-05	0.018632	0.340521
5576	475017.86	3848790.43	8.75802	10.84793	10.00438	8.62753	2.00E-01	0.01156	0.00015	0.02758	0.23916	2.64E-01	0.015284	0.000122	0.017125	2.97E-01	0.306224	0.015449	9.05E-05	0.018891	0.340655
5577	475092.56	3848855.61	8.75233	10.81687	9.87812	8.85398	2.00E-01	0.01152	0.00015	0.02831	0.23971	2.64E-01	0.01524	0.000121	0.017574	2.97E-01	0.306025	0.015405	8.94E-05	0.019387	0.340906
5578	475232.58	3848959.38	8.83755	10.90863	9.89326	9.16344	2.02E-01	0.01162	0.00015	0.0293	0.24275	2.67E-01	0.01537	0.000121	0.018188	3.00E-01	0.309004	0.015535	8.95E-05	0.020065	0.344694
5579	475368.47	3849029.98	9.13829	11.31362	10.39992	9.31	2.09E-01	0.01205	0.00016	0.02976	0.25052	2.76E-01	0.01594	0.000127	0.018479	3.10E-01	0.31952	0.016112	9.41E-05	0.020386	0.356112
5580	475609.57	3849096.09	9.88585	12.38344	11.82505	9.51627	2.26E-01	0.01319	0.00018	0.03042	0.2694	2.98E-01	0.017447	0.000145	0.018889	3.35E-01	0.345658	0.017636	0.000107	0.020837	0.384238
5581	475680.68	3849116.62	9.97609	12.55687	11.89396	10.19431	2.28E-01	0.01338	0.00018	0.03259	0.27381	3.01E-01	0.017692	0.000146	0.020235	3.39E-01	0.348813	0.017883	0.000108	0.022322	0.389126
5582	475843.76	3849151.52	9.90178	12.62738	11.83285	10.46908	2.26E-01	0.01345	0.00018	0.03347	0.27307	2.99E-01	0.017791	0.000145	0.02078	3.38E-01	0.346215	0.017983	0.000107	0.022924	0.387229
5583	475935.73	3849165.89	9.38192	12.20164	11.11071	10.60659	2.14E-01	0.013	0.00017	0.03391	0.26118	2.83E-01	0.017191	0.000136	0.021053	3.22E-01	0.328038	0.017377	0.000101	0.023225	0.368741
5584	476027.71	3849180.27	8.85534	11.66846	10.31954	10.85345	2.02E-01	0.01243	0.00016	0.0347	0.24937	2.67E-01	0.01644	0.000126	0.021543	3.05E-01	0.309626	0.016618	9.34E-05	0.023765	0.350103
5585	476119.68	3849194.64	8.98888	11.55662	10.41975	10.83097	2.05E-01	0.01231	0.00016	0.03463	0.25223	2.71E-01	0.016283	0.000128	0.021498	3.09E-01	0.314296	0.016458	9.43E-05	0.023716	0.354564
5586	476211.65	3849209.01	9.0867	11.45819	10.63192	10.81641	2.07E-01	0.01221	0.00016	0.03458	0.25431	2.74E-01	0.016144	0.00013	0.021469	3.12E-01	0.317716	0.016318	9.62E-05	0.023684	0.357815
5587	476497.81	3849283.9	9.93576	12.27259	10.96587	11.27604	2.27E-01	0.01307	0.00017	0.03605	0.27603	3.00E-01	0.017291	0.000134	0.022382	3.40E-01	0.347403	0.017478	9.92E-05	0.024691	0.389671
5588	476603.73	3849323.77	10.01484	12.49764	11.20609	11.95162	2.29E-01	0.01331	0.00017	0.03821	0.28024	3.02E-01	0.017608	0.000137	0.023723	3.44E-01	0.350168	0.017798	0.000101	0.02617	0.394238
5589	476728.99	3849382.76	10.04286	12.65086	11.35242	12.4233	2.29E-01	0.01348	0.00017	0.03972	0.28255	3.03E-01	0.017824	0.000139	0.024659	3.46E-01	0.351148	0.018017	0.000103	0.027203	0.39647
5590	476801.27	3849418.65	9.96028	12.65409	11.3291	12.66545	2.27E-01	0.01348	0.00017	0.04049	0.28145	3.01E-01	0.017829	0.000139	0.02514	3.44E-01	0.348261	0.018021	0.000102	0.027733	0.394117
5591	476956.2	3849495.05	9.74588	12.54649	11.1129	13.00997	2.22E-01	0.01337	0.00017	0.04159	0.27754	2.94E-01	0.017677	0.000136	0.025823	3.38E-01	0.340764	0.017868	0.000101	0.028487	0.38722
5592	477038.84	3849535.56	9.79799	12.67204	11.27767	12.93776	2.24E-01	0.0135	0.00017	0.04136	0.27863	2.96E-01	0.017854	0.000138	0.02568	3.39E-01	0.342586	0.018047	0.000102	0.028329	0.389064
5593	477121.49	3849576.08	9.65549	12.57093	11.14323	12.94094	2.20E-01	0.01339	0.00017	0.04137	0.27528	2.91E-01	0.017712	0.000136	0.025686	3.35E-01	0.337604	0.017903	0.000101	0.028336	0.383944
5594	477204.13	3849616.6	9.63752	12.59936	11.19747	12.70424	2.20E-01	0.01342	0.00017	0.04062	0.27414	2.91E-01	0.017752	0.000137	0.025217	3.34E-01	0.336975	0.017943	0.000101	0.027818	0.382838
5595	477286.78	3849657.12	10.14903	13.03167	11.90072	12.0064	2.32E-01	0.01388	0.00018	0.03838	0.28406	3.06E-01	0.018361	0.000146	0.023831	3.49E-01	0.35486	0.018559	0.000108	0.02629	0.399817
5596	477369.42	3849697.63	9.77816	12.34259	10.92836	12.40569	2.23E-01	0.01315	0.00016	0.03966	0.27612	2.95E-01	0.01739	0.000134	0.024624	3.37E-01	0.341893	0.017578	9.89E-05	0.027164	0.386734
5597	477452.07	3849738.15	9.97204	12.36305	10.93047	12.796	2.28E-01	0.01317	0.00016	0.04091	0.28181	3.01E-01	0.017419	0.000134	0.025399	3.44E-01	0.348672	0.017607	9.89E-05	0.028019	0.394396
5598	477534.71	3849778.67	9.61461	11.40053	10.48741	13.38344	2.19E-01	0.01215	0.00016	0.04279	0.2745	2.90E-01	0.016063	0.000128	0.026565	3.33E-01	0.336174	0.016236	9.49E-05	0.029305	0.38181
5599	477617.36	3849819.18	9.70842	11.55956	10.73127	13.62894	2.22E-01	0.01231	0.00016	0.04357	0.2776	2.93E-01	0.016287	0.000131	0.027052	3.36E-01	0.339454	0.016463	9.71E-05	0.029843	0.385857
5600	477824.74	3849896.37	9.38015	11.68943	10.6658	13.83889	2.14E-01	0.01245	0.00016	0.04424	0.27092	2.83E-01	0.01647	0.000131	0.027469	3.27E-01	0.327976	0.016647	9.65E-05	0.030303	0.375023
5601	477906.31	3849936.37	10.41642	12.98713	11.5545	13.35307	2.38E-01	0.01384	0.00017	0.04269	0.29441	3.14E-01	0.018298	0.000141	0.026504	3.59E-01	0.36421	0.018496	0.000105	0.029239	0.412048
5602	477987.89	3849976.36	10.6055	12.88103	11.17803	13.29897	2.42E-01	0.01372	0.00017	0.04252	0.29843	3.20E-01	0.018149	0.000137	0.026397	3.65E-01	0.370821	0.018344	0.000101	0.02912	0.418387
5603	478069.47	3850016.36	11.50422	14.4649	11.60682	12.69428	2.63E-01	0.01541	0.00017	0.04058	0.3187	3.47E-01	0.02038	0.000142	0.025197	3.93E-01	0.402244	0.0206	0.000105	0.027796	0.450746
5604	478151.04	3850056.35	12.29964	15.45251	11.89241	11.9866	2.81E-01	0.01646	0.00018	0.03832	0.33565	3.71E-01	0.021772	0.000146	0.023792	4.17E-01	0.430056	0.022007	0.000108	0.026247	0.478417
5605	478232.62	3850096.35	12.69412	16.10865	11.86256	12.14481	2.90E-01	0.01716	0.00018	0.03883	0.34586	3.83E-01	0.022696	0.000145	0.024106	4.30E-01	0.443849	0.022941	0.000107	0.026593	0.493491
5606	478314.2	3850136.34	12.99417	16.65181	12.34065	13.32194	2.97E-01	0.01774	0.00019	0.04259	0.35705	3.92E-01	0.023461	0.000151	0.026443	4.42E-01	0.45434	0.023715	0.000112	0.029171	0.507337
5607	478395.77	3850176.34	13.18537	17.10517	12.75462	14.51355	3.01E-01	0.01822	0.00019	0.0464	0.36572	3.98E-01	0.0241	0.000156	0.028808	4.51E-01	0.461026	0.02436	0.000115	0.03178	0.517281
5608	478575.43	3850244.45	13.37734	17.93905	13.54969	17.54261	3.05E-01	0.01911	0.0002	0.05608	0.38068	4.04E-01	0.025275	0.000166	0.03482	4.64E-01	0.467738	0.025548	0.000123	0.038412	0.531821

5609	478665.06	3850287.29	13.29337	16.96559	13.66437	18.64001	3.03E-01	0.01807	0.00021	0.05959	0.38124	4.01E-01	0.023903	0.000167	0.036998	4.62E-01	0.464802	0.024161	0.000124	0.040815	0.529902
5610	478754.69	3850330.14	13.11053	17.15283	13.6022	19.63348	2.99E-01	0.01827	0.0002	0.06277	0.38044	3.96E-01	0.024167	0.000166	0.03897	4.59E-01	0.458409	0.024428	0.000123	0.042991	0.525951
5611	478844.32	3850372.99	12.77426	17.17007	13.33611	20.51035	2.92E-01	0.01829	0.0002	0.06557	0.37558	3.86E-01	0.024192	0.000163	0.040711	4.51E-01	0.446651	0.024453	0.000121	0.044911	0.516135
5612	478933.95	3850415.84	12.35557	16.19719	12.98219	21.21195	2.82E-01	0.01726	0.0002	0.06782	0.36723	3.73E-01	0.022821	0.000159	0.042104	4.38E-01	0.432012	0.023067	0.000117	0.046447	0.501644
5613	479023.58	3850458.68	12.37764	17.1803	13.22887	21.39729	2.82E-01	0.0183	0.0002	0.06841	0.36938	3.74E-01	0.024206	0.000162	0.042471	4.40E-01	0.432783	0.024467	0.00012	0.046853	0.504223
5614	479110.66	3850441.91	11.48722	16.40663	12.55611	21.05129	2.62E-01	0.01748	0.00019	0.0673	0.34712	3.47E-01	0.023116	0.000154	0.041785	4.12E-01	0.40165	0.023365	0.000114	0.046095	0.471224
5615	479191.22	3850423.99	11.29548	16.30677	11.77747	22.1341	2.58E-01	0.01737	0.00018	0.07076	0.34609	3.41E-01	0.022975	0.000144	0.043934	4.08E-01	0.394946	0.023223	0.000107	0.048466	0.466742
5616	479274.32	3850465.71	11.51187	16.37278	11.57697	22.38614	2.63E-01	0.01744	0.00017	0.07157	0.3519	3.47E-01	0.023068	0.000142	0.044434	4.15E-01	0.402512	0.023317	0.000105	0.049018	0.474952
5617	479357.43	3850507.42	11.909	16.37796	12.14749	22.36741	2.72E-01	0.01745	0.00018	0.07151	0.36091	3.59E-01	0.023076	0.000149	0.044397	4.27E-01	0.416398	0.023325	0.00011	0.048977	0.488809
5618	479440.53	3850549.14	12.35561	17.43955	12.94978	22.06475	2.82E-01	0.01858	0.0002	0.07054	0.37128	3.73E-01	0.024571	0.000158	0.043796	4.41E-01	0.432013	0.024836	0.000117	0.048314	0.505281
5619	479523.64	3850590.85	12.67376	17.44605	13.56742	21.60751	2.89E-01	0.01859	0.0002	0.06908	0.3771	3.83E-01	0.02458	0.000166	0.042889	4.50E-01	0.443137	0.024846	0.000123	0.047313	0.515419
5620	479606.74	3850632.57	13.08882	17.26571	13.88181	21.0632	2.99E-01	0.01839	0.00021	0.06734	0.38464	3.95E-01	0.024326	0.00017	0.041808	4.61E-01	0.45765	0.024589	0.000126	0.046121	0.528486
5621	479777.37	3850707.61	13.84168	17.16321	14.82337	20.26246	3.16E-01	0.01828	0.00022	0.06478	0.39917	4.18E-01	0.024182	0.000181	0.040219	4.82E-01	0.483974	0.024443	0.000134	0.044368	0.552919
5622	479864.9	3850740.95	13.85537	17.43067	15.28498	20.20696	3.16E-01	0.01857	0.00023	0.0646	0.39959	4.18E-01	0.024559	0.000187	0.040109	4.83E-01	0.484452	0.024824	0.000138	0.044246	0.553661
5623	479931.87	3850829.57	13.8516	17.60521	14.94373	21.01013	3.16E-01	0.01876	0.00023	0.06717	0.40226	4.18E-01	0.024805	0.000183	0.041703	4.85E-01	0.48432	0.025072	0.000135	0.046005	0.555533
5624	479995.55	3850926.75	13.59124	17.23832	14.1738	21.84086	3.10E-01	0.01836	0.00021	0.06983	0.39857	4.10E-01	0.024288	0.000173	0.043352	4.78E-01	0.475217	0.02455	0.000128	0.047824	0.547719
5625	480079.78	3850968.64	13.60694	17.49002	14.52828	22.1693	3.11E-01	0.01863	0.00022	0.07088	0.40025	4.11E-01	0.024642	0.000178	0.044004	4.79E-01	0.475766	0.024908	0.000131	0.048543	0.549349
5626	480164.01	3851010.54	13.5973	17.96212	14.90929	22.18363	3.10E-01	0.01914	0.00022	0.07092	0.40058	4.10E-01	0.025307	0.000182	0.044032	4.80E-01	0.475429	0.025581	0.000135	0.048575	0.549719
5627	480248.23	3851052.43	13.5678	18.4614	15.23684	22.18723	3.10E-01	0.01967	0.00023	0.07093	0.40046	4.09E-01	0.026011	0.000186	0.044039	4.80E-01	0.474397	0.026292	0.000138	0.048583	0.54941
5628	480332.46	3851094.33	13.74411	18.8566	15.52303	23.14131	3.14E-01	0.02009	0.00023	0.07398	0.40796	4.15E-01	0.026568	0.00019	0.045933	4.88E-01	0.480562	0.026855	0.00014	0.050672	0.558229
5629	480416.69	3851136.22	14.06777	19.16807	15.72421	23.75543	3.21E-01	0.02042	0.00024	0.07595	0.41764	4.25E-01	0.027007	0.000192	0.047152	4.99E-01	0.491879	0.027298	0.000142	0.052016	0.571336
5630	480579.95	3851215.17	14.41433	19.31719	16.47464	24.00718	3.29E-01	0.02058	0.00025	0.07675	0.42653	4.35E-01	0.027217	0.000202	0.047652	5.10E-01	0.503996	0.027511	0.000149	0.052568	0.584223
5631	480658.98	3851252.22	14.43295	19.57414	16.82121	24.65041	3.29E-01	0.02085	0.00025	0.07881	0.42929	4.36E-01	0.027579	0.000206	0.048928	5.12E-01	0.504647	0.027876	0.000152	0.053976	0.586652
5632	480817.36	3851327.85	14.31826	19.77632	17.08432	26.23314	3.27E-01	0.02107	0.00026	0.08387	0.43195	4.32E-01	0.027864	0.000209	0.05207	5.12E-01	0.500637	0.028164	0.000155	0.057442	0.586398
5633	480896.72	3851366.43	14.48651	19.6618	17.08407	26.45312	3.31E-01	0.02095	0.00026	0.08457	0.43637	4.37E-01	0.027702	0.000209	0.052507	5.18E-01	0.50652	0.028001	0.000155	0.057923	0.592599
5634	480976.07	3851405	14.58695	19.4433	17.44922	26.28358	3.33E-01	0.02071	0.00026	0.08403	0.43789	4.40E-01	0.027394	0.000214	0.05217	5.20E-01	0.510032	0.02769	0.000158	0.057552	0.595432
5635	481178	3851487.31	14.34984	21.6497	17.44076	27.12358	3.27E-01	0.02306	0.00026	0.08671	0.43752	4.33E-01	0.030503	0.000213	0.053837	5.18E-01	0.501741	0.030832	0.000158	0.059392	0.592123
5636	481244.9	3851557.17	14.57506	22.08072	17.78472	27.55996	3.33E-01	0.02352	0.00027	0.08811	0.44452	4.40E-01	0.03111	0.000218	0.054704	5.26E-01	0.509616	0.031446	0.000161	0.060347	0.60157
5637	481311.81	3851627.03	14.83699	22.5502	18.15832	27.9948	3.39E-01	0.02402	0.00027	0.0895	0.45239	4.48E-01	0.031772	0.000222	0.055567	5.35E-01	0.518775	0.032115	0.000164	0.061299	0.612353
5638	481378.71	3851696.89	15.12134	23.0512	18.55296	28.44053	3.45E-01	0.02456	0.00028	0.09093	0.46084	4.56E-01	0.032478	0.000227	0.056451	5.46E-01	0.528717	0.032828	0.000168	0.062275	0.623988
5639	481445.61	3851766.76	15.40833	23.55717	18.95315	28.90092	3.52E-01	0.0251	0.00029	0.0924	0.46941	4.65E-01	0.033191	0.000232	0.057365	5.56E-01	0.538751	0.033549	0.000171	0.063283	0.635755
5640	481512.51	3851836.62	15.7245	24.12046	19.38847	29.3661	3.59E-01	0.0257	0.00029	0.09388	0.47872	4.75E-01	0.033984	0.000237	0.058289	5.67E-01	0.549806	0.034351	0.000175	0.064302	0.648635
5641	481579.42	3851906.48	16.0576	24.70633	19.84205	29.83896	3.66E-01	0.02632	0.0003	0.0954	0.48846	4.85E-01	0.03481	0.000243	0.059227	5.79E-01	0.561453	0.035185	0.00018	0.065337	0.662155
5642	481646.32	3851976.34	16.39154	25.29625	20.30373	30.32578	3.74E-01	0.02695	0.00031	0.09695	0.49828	4.95E-01	0.035641	0.000249	0.060194	5.91E-01	0.573129	0.036026	0.000184	0.066403	0.675742
5643	481713.22	3852046.2	16.83302	26.0231	20.84753	30.73291	3.84E-01	0.02772	0.00031	0.09825	0.51043	5.08E-01	0.036665	0.000255	0.061002	6.06E-01	0.588566	0.037061	0.000189	0.067295	0.69311
5644	481780.12	3852116.06	17.14131	26.60638	21.3137	31.28787	3.91E-01	0.02834	0.00032	0.10003	0.51987	5.17E-01	0.037487	0.000261	0.062103	6.17E-01	0.599345	0.037891	0.000193	0.06851	0.705939
5645	481847.03	3852185.92	17.41035	27.12171	21.74905	31.90354	3.97E-01	0.02889	0.00033	0.102	0.52854	5.25E-01	0.038213	0.000266	0.063325	6.27E-01	0.608752	0.038625	0.000197	0.069858	0.717432
5646	481913.93	3852255.78	17.6579	27.60271	22.17158	32.4876	4.03E-01	0.02941	0.00033	0.10386	0.53657	5.33E-01	0.03889	0.000271	0.064484	6.37E-01	0.617407	0.03931	0.000201	0.071137	0.728055
5647	481980.83	3852325.65	17.83518	27.98823	22.54458	32.96521	4.07E-01	0.02982	0.00034	0.10539	0.54256	5.38E-01	0.039434	0.000276	0.065433	6.43E-01	0.623606	0.039859	0.000204	0.072183	0.735852
5648	482047.73	3852395.51	18.15803	28.57296	23.04	33.50366	4.14E-01	0.03044	0.00035	0.10711	0.55228	5.48E-01	0.040257	0.000282	0.066501	6.55E-01	0.634894	0.040692	0.000208	0.073362	0.749157
5649	482114.64	3852465.37	18.38769	29.00847	23.45561	33.90089	4.20E-01	0.0309	0.00035	0.10838	0.55926	5.55E-01	0.040871	0.000287	0.06729	6.63E-01	0.642925	0.041312	0.000212	0.074232	0.758681
5650	482181.54	3852535.23	18.83127	29.77141	24.07519	34.59907	4.30E-01	0.03172	0.00036	0.11061	0.57244	5.68E-01	0.041946	0.000295	0.068676	6.79E-01	0.658434	0.042399	0.000218	0.07576	0.776811
5651	482338.69	3852700.05	19.78286	31.39241	25.47606	36.07163	4.51E-01	0.03344	0.00038	0.11532	0.60061	5.97E-01	0.04423	0.000312	0.071598	7.13E-01	0.691707	0.044707	0.00023	0.078985	0.815629
5652	482404.05	3852767.78	20.22177	32.1197	26.10442	36.75975	4.61E-01	0.03422	0.00039	0.11752	0.61361	6.10E-01	0.045255	0.000319	0.072964	7.29E-01	0.707053	0.045743	0.000236	0.080492	0.833524
5653	482469.4	3852835.52	20.67308	32.86154	26.75639	37.47226	4.72E-01	0.03501	0.0004	0.1198	0.62699	6.24E-01	0.0463	0.000327	0.074379	7.45E-01	0.722833	0.0468	0.000242	0.082052	0.851926
5654	482534.75	3852903.25	21.23418	33.77415	27.52945	38.33706	4.85E-01	0.03598	0.00041	0.12256	0.64354	6.41E-01	0.047586	0.000337	0.076095	7.65E-01	0.742452	0.048099	0.000249	0.083945	0.874746
5655	482600.11	3852970.99	21.74021	34.56702	28.25048	39.12088	4.96E-01	0.03683	0.00043	0.12507	0.65845	6.56E-01	0.048703	0.000346	0.077651	7.83E-01	0.760145	0.049228	0.000256	0.085662	0.895291
5656	482706.71	3853119.28	23.3573	37.64948	30.50685	41.81577	5.33E-01	0.04011	0.00046	0.13369	0.70729	7.05E-01	0.053046	0.000373	0.083	8.41E-01	0.816687	0.053618	0.000276	0.091563	0.962144
5657	482747.96	3853199.84	24.0941	39.44296	31.44803	43.04481	5.50E-01	0.04202	0.00047	0.13762	0.72996	7.27E-01	0.055573	0.000385	0.085439	8.69E-01	0.842449	0.056173	0.000285	0.094254	0.99316
5658	482789.21	3853280.4	25.0087	40.99419	32.76832	43.34403	5.71E-01	0.04367	0.00049	0.13857	0.75346	7.55E-01	0.057758	0.000401	0.086033	8.99E-01	0.874428	0.058382	0.000296	0.094909	1.028015
5659	482830.46	3853360.96	26.03114	42.48799	34.04536	43.30517	5.94E-01	0.04526	0.00051	0.13845	0.77828	7.86E-01	0.059863	0.000417	0.085956	9.32E-01	0.910177	0.060509	0.000308	0.094824	1.065818
5660	482871.71	3853441.52	26.88435	43.68537	34.79971	44.19056	6.14E-01	0.04654	0.00052	0.14128	0.80187	8.11E-01	0.06155	0.000426	0.087714	9.61E-01	0.94001	0.062214	0.000315	0.096763	1.099302
5661	482912.95	3853522.07	27.79924	45.10938	35.91254	46.81002	6.34E-01	0.04806	0.00054	0.14965	0.83265	8.39E-01	0.063556	0.00044	0.092913	9.96E-01	0.971999	0.064242	0.000325	0.102498	1.139064
5662	482954.2	3853602.63	28.65744	46.71734	36.96753	51.40822	6.54E-01	0.04977	0.00056	0.16435	0.86867	8.65E-01	0.065822	0.000452	0.10204	1.03E+00	1.002006	0.066532	0.000334	0.112567	1.181439
5663	482995.45	3853683.19	29.65646	49.5707	37.25073	54.90049	6.77E-01	0.05281	0.00056	0.17552	0.90567	8.95E-01	0.069842	0.000456	0.108972	1.07E+00	1.036936	0.070596	0.000337	0.120214	1.228083
5664	483036.7	3853763.75	31.22162	54.8637	40.0262	56.6515	7.13E-01	0.05845	0.0006	0.18112	0.95267	9.42E-01	0.077299	0.00049	0.112447	1.13E+00	1.091662	0.078134	0.000362	0.124048	1.294206
5665	483214.2	3853909.91	34.99116	63.26575	45.36757	56.07788	7.99E-01	0.0674	0.00068	0.17928	1.04589	1.06E+00	0.089137	0.000555	0.111309	1.26E+00	1.223464	0.0901	0.00041	0.122792	1.436766
5666	483307.01	3853910.44	35.59718	68.76859	46.98664	54.36819	8.12E-01	0.07326	0.00071	0.17382	1.06014	1.07E+00	0.096891	0.000575	0.107915	1.28E+00	1.244653	0.097937	0.000425	0.119048	1.462063
5667	483399.83	3853910.96	36.4799	66.46221	48.62527	46.34862	8.33E-01	0.07081	0.00073	0.14818	1.05222	1.10E+00	0.093641	0.000595	0.091997	1.29E+00	1.275518	0.094652	0.00044	0.101488	1.472097
5668	483494.52	3854009.24	38.41279	70.77728	51.5507	49.77058	8.77E-01	0.0754	0.00078	0.15912	1.11191	1.16E+00	0.099721	0.000631	0.098789	1.36E+00	1.343101	0.100797	0.000466	0.108981	1.553346
5669	483496.41	3854106.98	39.40795	81.92251	52.73465	59.94784	8.99E-01	0.08728	0.00079	0.19165	1.17905	1.19E+00	0.115424	0.000645	0.11899	1.42E+00	1.377897	0.11667	0.000477	0.131266	1.626309

5670	483577.56	3854261.96	46.38077	98.63408	62.13108	56.88108	1.06E+00 0.10508 0.00094 0.18185 1.34631 1.40E+00 0.138969 0.00076 0.112903 1.65E+00 1.621701 0.140469 0.000562 0.124551 1.887283
5671	483656.83	3854319.19	50.19015	107.9899	66.86878	52.85071	1.15E+00 0.11505 0.00101 0.16897 1.4304 1.51E+00 0.152151 0.000818 0.104903 1.77E+00 1.754896 0.153793 0.000605 0.115725 2.025019
5672	483736.1	3854376.41	54.85442	113.4272	72.46541	47.27584	1.25E+00 0.12084 0.00109 0.15114 1.5249 1.66E+00 0.159812 0.000887 0.093838 1.91E+00 1.917982 0.161537 0.000656 0.103518 2.183693
5673	483815.37	3854433.64	59.59936	112.3831	80.03967	41.18019	1.36E+00 0.11973 0.00121 0.13165 1.61269 1.80E+00 0.158341 0.00098 0.081738 2.04E+00 2.083888 0.16005 0.000724 0.090171 2.334833
5674	483894.63	3854490.87	63.45839	105.4532	85.43607	34.53405	1.45E+00 0.11234 0.00129 0.11041 1.67221 1.92E+00 0.148577 0.001046 0.068546 2.13E+00 2.218819 0.150181 0.000773 0.075618 2.445391
5675	483973.9	3854548.1	65.6122	91.55541	86.91541	28.41828	1.50E+00 0.09754 0.00131 0.09085 1.68702 1.98E+00 0.128996 0.001064 0.056407 2.17E+00 2.294127 0.130388 0.000786 0.062227 2.487528
5676	484053.17	3854605.32	67.06651	79.8162	85.56145	25.50601	1.53E+00 0.08503 0.00129 0.08154 1.69838 2.02E+00 0.112456 0.001047 0.050627 2.19E+00 2.344977 0.11367 0.000774 0.05585 2.51527
5677	484214.97	3854698.15	65.52343	61.44417	78.02759	22.09042	1.50E+00 0.06546 0.00118 0.07062 1.63256 1.98E+00 0.086571 0.000955 0.043847 2.11E+00 2.291023 0.087505 0.000706 0.048371 2.427605
5678	484297.5	3854733.74	67.02814	64.7114	79.72716	21.29872	1.53E+00 0.06894 0.0012 0.06809 1.66787 2.02E+00 0.091174 0.000976 0.042276 2.16E+00 2.343635 0.092159 0.000721 0.046637 2.483152
5679	484380.03	3854769.34	63.64426	46.98772	78.03683	18.37319	1.45E+00 0.05006 0.00118 0.05874 1.56239 1.92E+00 0.066203 0.000955 0.036469 2.02E+00 2.225318 0.066917 0.000706 0.040231 2.333172
5680	484462.56	3854804.94	66.29851	53.49278	84.35403	19.18989	1.51E+00 0.05699 0.00127 0.06135 1.6326 2.00E+00 0.075368 0.001032 0.03809 2.12E+00 2.318124 0.076182 0.000763 0.042019 2.437088
5681	484545.09	3854840.53	67.28675	50.14237	83.84175	18.7915	1.54E+00 0.05342 0.00126 0.06008 1.6503 2.03E+00 0.070647 0.001026 0.037299 2.14E+00 2.352677 0.07141 0.000758 0.041147 2.465993
5682	484691.88	3854912.59	64.63561	93.70684	72.33337	19.86752	1.48E+00 0.09983 0.00109 0.06352 1.63947 1.95E+00 0.132027 0.000885 0.039435 2.12E+00 2.25998 0.133452 0.000654 0.043503 2.43759
5683	484830.81	3855012.51	60.89116	135.8821	70.78817	19.56073	1.39E+00 0.14476 0.00107 0.06254 1.59795 1.84E+00 0.191449 0.000866 0.038826 2.07E+00 2.129056 0.193516 0.00064 0.042831 2.366044
5684	484905.48	3855075.97	62.93548	143.7485	73.13136	24.4544	1.44E+00 0.15314 0.0011 0.07818 1.66866 1.90E+00 0.202533 0.000895 0.048539 2.15E+00 2.200535 0.204719 0.000662 0.053547 2.459463
5685	484980.14	3855139.44	62.56014	144.1684	71.96153	27.21905	1.43E+00 0.15359 0.00108 0.08702 1.66937 1.89E+00 0.203124 0.000881 0.054027 2.15E+00 2.187412 0.205317 0.000651 0.059601 2.45298
5686	485054.81	3855202.91	62.08524	129.4852	69.9579	27.89949	1.42E+00 0.13795 0.00105 0.0892 1.64503 1.87E+00 0.182436 0.000856 0.055378 2.11E+00 2.170807 0.184406 0.000633 0.061091 2.416936
5687	485129.48	3855266.37	61.59527	114.6989	67.62844	25.47769	1.41E+00 0.12219 0.00102 0.08145 1.61032 1.86E+00 0.161604 0.000828 0.050571 2.07E+00 2.153675 0.163348 0.000612 0.055788 2.373423
5688	485204.15	3855329.84	60.59252	102.7382	65.75019	28.50719	1.38E+00 0.10945 0.00099 0.09114 1.58435 1.83E+00 0.144752 0.000805 0.056584 2.03E+00 2.118614 0.146314 0.000595 0.062421 2.327944
5689	485278.82	3855393.31	59.77292	90.43782	65.09708	28.43113	1.36E+00 0.09635 0.00098 0.0909 1.55229 1.80E+00 0.127421 0.000797 0.056433 1.99E+00 2.089957 0.128797 0.000589 0.062255 2.281597
5690	485353.48	3855456.77	59.03402	85.53127	64.18567	29.912	1.35E+00 0.09112 0.00097 0.09563 1.53492 1.78E+00 0.120508 0.000786 0.059372 1.96E+00 2.064121 0.121809 0.000581 0.065497 2.252008
5691	485428.15	3855520.24	58.22907	78.44543	62.95719	29.48974	1.33E+00 0.08357 0.00095 0.09428 1.50763 1.76E+00 0.110525 0.000771 0.058534 1.93E+00 2.035976 0.111718 0.00057 0.064573 2.212836
5692	485502.82	3855583.71	56.93525	74.8677	62.15491	29.36932	1.30E+00 0.07976 0.00094 0.09389 1.4739 1.72E+00 0.105484 0.000761 0.058295 1.88E+00 1.990738 0.106623 0.000562 0.064309 2.162232
5693	485577.49	3855647.17	55.5598	70.54042	60.80374	31.77584	1.27E+00 0.07515 0.00092 0.10159 1.44557 1.68E+00 0.099387 0.000744 0.063072 1.84E+00 1.942645 0.10046 0.00055 0.069578 2.113234
5694	485652.16	3855710.64	55.31345	66.01533	61.46912	34.23741	1.26E+00 0.07033 0.00093 0.10946 1.44301 1.67E+00 0.093011 0.000752 0.067958 1.83E+00 1.934032 0.094015 0.000556 0.074968 2.103572
5695	485726.83	3855774.11	54.35913	61.25235	60.98785	33.93544	1.24E+00 0.06525 0.00092 0.10849 1.41519 1.64E+00 0.086301 0.000746 0.067358 1.80E+00 1.900664 0.087232 0.000552 0.074307 2.062755
5696	485801.49	3855837.57	53.03234	56.68908	60.15696	32.0294	1.21E+00 0.06039 0.00091 0.1024 1.37394 1.60E+00 0.079871 0.000736 0.063575 1.74E+00 1.854273 0.080734 0.000544 0.070134 2.005684
5697	485876.16	3855901.04	51.72503	58.88922	59.27613	31.38455	1.18E+00 0.06274 0.00089 0.10034 1.34437 1.56E+00 0.082971 0.000725 0.062295 1.71E+00 1.808563 0.083867 0.000536 0.068722 1.961688
5698	485950.83	3855964.5	50.49193	62.18005	58.60632	29.61614	1.15E+00 0.06624 0.00088 0.09468 1.31408 1.52E+00 0.087608 0.000717 0.058785 1.67E+00 1.765447 0.088553 0.00053 0.064849 1.919381
5699	486025.5	3856027.97	49.88416	70.44042	58.84439	26.43421	1.14E+00 0.07504 0.00089 0.08451 1.29884 1.51E+00 0.099246 0.00072 0.052469 1.66E+00 1.744197 0.100317 0.000532 0.057882 1.902929
5700	486100.17	3856091.44	50.88243	68.78465	60.84396	28.91802	1.16E+00 0.07328 0.00092 0.09245 1.32783 1.54E+00 0.096913 0.000745 0.057399 1.69E+00 1.779101 0.097959 0.00055 0.063321 1.940932
5701	486174.83	3856154.9	50.88446	75.45987	60.85037	24.89447	1.16E+00 0.08039 0.00092 0.07959 1.32212 1.54E+00 0.106318 0.000745 0.049413 1.69E+00 1.779172 0.107466 0.00055 0.054511 1.941699
5702	486249.5	3856218.37	51.98326	76.43372	63.31943	18.3109	1.19E+00 0.08143 0.00095 0.05854 1.32722 1.57E+00 0.10769 0.000775 0.036345 1.71E+00 1.817592 0.108853 0.000573 0.040095 1.967112
5703	486324.17	3856281.84	54.07728	74.44284	64.35856	14.51392	1.23E+00 0.07931 0.00097 0.0464 1.36077 1.63E+00 0.104885 0.000788 0.028809 1.77E+00 1.890809 0.106017 0.000582 0.031781 2.029189
5704	486398.84	3856345.3	54.86296	81.44487	66.78366	14.53572	1.25E+00 0.08677 0.00101 0.04647 1.38626 1.66E+00 0.114751 0.000817 0.028852 1.80E+00 1.91828 0.115989 0.000604 0.031828 2.066702
5705	486473.51	3856408.77	55.3482	87.06334	68.05415	13.95896	1.26E+00 0.09275 0.00103 0.04463 1.4015 1.67E+00 0.122667 0.000833 0.027707 1.82E+00 1.935247 0.123991 0.000616 0.030565 2.090419
5706	486548.17	3856472.24	55.5332	93.18613	68.69627	14.11276	1.27E+00 0.09928 0.00104 0.04512 1.41274 1.68E+00 0.131293 0.000841 0.028012 1.84E+00 1.941715 0.132711 0.000621 0.030902 2.10595
5707	486622.84	3856535.7	55.44878	104.7575	69.11611	16.61689	1.27E+00 0.1116 0.00104 0.05312 1.43115 1.67E+00 0.147597 0.000846 0.032983 1.85E+00 1.938763 0.14919 0.000625 0.036385 2.124964
5708	486765.48	3856659.69	53.77969	130.7805	68.33286	23.16833	1.23E+00 0.13933 0.00103 0.07407 1.44172 1.62E+00 0.184261 0.000836 0.045987 1.85E+00 1.880404 0.186251 0.000618 0.050731 2.118003
5709	486833.44	3856720.2	53.67112	140.0302	67.95899	25.93274	1.22E+00 0.14918 0.00102 0.08291 1.45793 1.62E+00 0.197294 0.000832 0.051474 1.87E+00 1.876608 0.199423 0.000615 0.056784 2.13343
5710	486901.41	3856780.72	52.86521	145.0186	66.49086	29.62674	1.21E+00 0.15449 0.001 0.09472 1.45664 1.60E+00 0.204322 0.000814 0.058806 1.86E+00 1.848429 0.206528 0.000602 0.064873 2.120431
5711	486969.38	3856841.24	52.83653	171.5152	65.85578	32.7937	1.21E+00 0.18272 0.00099 0.10484 1.49433 1.59E+00 0.241654 0.000806 0.065092 1.90E+00 1.847426 0.244263 0.000596 0.071807 2.164092
5712	487037.34	3856901.75	52.74263	196.5066	65.70715	35.8319	1.20E+00 0.20935 0.00099 0.11456 1.52852 1.59E+00 0.276865 0.000804 0.071123 1.94E+00 1.844143 0.279854 0.000594 0.07846 2.203052
5713	487271.23	3856855.51	30.00772	120.68	39.70666	27.5473	6.85E-01 0.12857 0.0006 0.08807 0.90203 9.06E-01 0.170031 0.000486 0.054679 1.13E+00 1.049218 0.171866 0.000359 0.060319 1.281763
5714	487368.96	3856857.29	26.77248	111.4417	35.14677	26.80897	6.11E-01 0.11872 0.00053 0.08571 0.81593 8.08E-01 0.157014 0.00043 0.053213 1.02E+00 0.936098 0.158709 0.000318 0.058703 1.153828
5715	487466.68	3856859.06	24.20847	102.0237	31.34931	25.52186	5.52E-01 0.10869 0.00047 0.08159 0.74321 7.31E-01 0.143745 0.000384 0.050658 9.25E-01 0.846448 0.145297 0.000284 0.055884 1.047912
5716	487636.44	3856930	22.18518	101.2099	28.73678	25.2448	5.06E-01 0.10782 0.00043 0.08071 0.69525 6.70E-01 0.142598 0.000352 0.050108 8.63E-01 0.775704 0.144138 0.00026 0.055278 0.975379
5717	487709.57	3856928.43	20.632	98.05615	26.55363	23.3606	4.71E-01 0.10446 0.0004 0.07468 0.65039 6.23E-01 0.138155 0.000325 0.046368 8.08E-01 0.721397 0.139646 0.00024 0.051152 0.912435
5718	487782.55	3856841.96	17.64883	87.16591	23.23297	19.88459	4.03E-01 0.09286 0.00035 0.06357 0.55954 5.33E-01 0.122811 0.000284 0.039469 6.95E-01 0.61709 0.124137 0.00021 0.043541 0.784978
5719	487849.83	3856754.74	15.5523	73.06162	21.13438	16.88881	3.55E-01 0.07784 0.00032 0.05399 0.48706 4.69E-01 0.102939 0.000259 0.033523 6.06E-01 0.543785 0.10405 0.000191 0.036981 0.685008
5720	487918.03	3856819.39	15.48041	82.92922	21.12442	17.97511	3.53E-01 0.08835 0.00032 0.05747 0.49941 4.67E-01 0.116842 0.000259 0.035679 6.20E-01 0.541272 0.118103 0.000191 0.039359 0.698926
5721	487918.8	3856886.37	16.38132	86.14612	21.95557	19.988	3.74E-01 0.09178 0.00033 0.0639 0.52984 4.94E-01 0.121374 0.000269 0.039674 6.56E-01 0.572772 0.122685 0.000199 0.043767 0.739422
5722	488065.47	3857127.51	18.47736	80.06585	23.9863	24.28362	4.22E-01 0.0853 0.00036 0.07764 0.58496 5.58E-01 0.112808 0.000294 0.0482 7.19E-01 0.64606 0.114025 0.000217 0.053173 0.813475
5723	488192.19	3857385.84	20.62136	80.96649	27.75126	32.40197	4.71E-01 0.08626 0.00042 0.10359 0.66086 6.22E-01 0.114077 0.00034 0.064315 8.01E-01 0.721025 0.115308 0.000251 0.070949 0.907533
5724	488191.22	3857473.87	21.87903	83.96235	30.03537	35.66158	4.99E-01 0.08945 0.00045 0.11401 0.70321 6.60E-01 0.118298 0.000368 0.070785 8.50E-01 0.764999 0.119575 0.000272 0.078087 0.962932
5725	488190.24	3857561.91	23.06201	78.77248	32.60605	40.01614	5.26E-01 0.08392 0.00049 0.12793 0.73864 6.96E-01 0.110985 0.000399 0.079428 8.87E-01 0.806362 0.112184 0.000295 0.087622 1.006462
5726	488158.35	3857691.13	22.50935	77.32931	39.11831	49.42541	5.14E-01 0.08238 0.00059 0.15801 0.75467 6.79E-01 0.108952 0.000479 0.098104 8.87E-01 0.787038 0.110128 0.000354 0.108225 1.005745
5727	488208.37	3857816.66	22.35264	73.97538	39.45382	55.46996	5.10E-01 0.07881 0.00059 0.17734 0.76685 6.75E-01 0.104227 0.000483 0.110102 8.89E-01 0.781559 0.105352 0.000357 0.121461 1.008728
5728	488271.97	3857874.6	21.85777	71.13811	37.90642	56.02677	4.99E-01 0.07579 0.00057 0.17912 0.75429 6.60E-01 0.100229 0.000464 0.111207 8.72E-01 0.764256 0.101311 0.000343 0.12268 0.98859
5729	488463.56	3857942.31	19.42921	58.73855	33.72809	49.62768	4.43E-01 0.06258 0.00051 0.15866 0.66514 5.86E-01 0.082759 0.000413 0.098506 7.68E-01 0.679341 0.083652 0.000305 0.108668 0.871967
5730	488554.83	3857940.83	18.92462	54.04375	32.34351	44.96079	4.32E-01 0.05758 0.00049 0.14374 0.63368 5.71E-01 0.076144 0.000396 0.089242 7.37E-01 0.661698 0.076966 0.000293 0.098449 0.837406

5731	488646.1	3857939.36	18.66494	49.10055	30.4493	40.84618	
5732	488737.37	3857937.88	18.4257	46.58831	28.33074	37.09108	
5733	488733.59	3857960.57	18.3652	45.57024	28.98835	38.33938	
5734	488638.09	3857961.57	18.54222	50.65514	30.99322	42.30288	
5735	488542.6	3857962.56	18.85095	54.06387	32.57688	46.75784	
5736	488447.1	3857963.56	19.95378	60.83943	33.3238	51.93429	
5737	488254.28	3857890.36	22.26627	72.11927	39.95384	58.99218	
5738	488191.69	3857833.06	22.78678	76.84241	40.78609	58.11389	
5739	488129.5	3857907.43	25.37299	79.11157	48.24216	76.1969	
5740	488196.47	3857968.74	24.98291	71.81662	45.13593	77.90417	
5741	488263.44	3858030.04	24.64098	65.32524	42.43764	78.5865	
5742	488400.64	3858132.9	23.31097	57.82297	38.01427	73.33646	
5743	488519.89	3858218.38	22.03695	51.44216	34.4111	66.23544	
5744	488647.97	3858214.99	19.63101	50.86686	31.63794	57.33012	
5745	488727.05	3858167.67	18.19493	48.96273	28.92609	49.03848	
5746	488806.12	3858120.35	17.40334	46.46996	28.84183	42.59031	
5747	488885.2	3858073.03	17.42842	43.25655	27.97688	37.13215	
5748	489055.76	3857991.18	16.4507	41.65336	23.20303	30.57353	
5749	489245.39	3857944.55	14.71184	39.36845	20.62133	26.02026	
5750	489430.63	3857930.91	13.58118	36.96895	18.58897	22.22417	
5751	489517.74	3857929.36	13.08811	35.32218	17.65456	21.15269	
5752	489604.86	3857927.82	12.64121	34.36648	16.71155	20.33789	
5753	489691.97	3857926.28	12.12828	33.54846	15.70782	19.55378	
5754	489779.08	3857924.73	11.59321	32.46816	15.34184	18.75239	
5755	490017.55	3857875.09	10.13161	28.35112	14.21563	15.62881	
5756	490033.82	3857960.81	10.29409	29.20482	14.45874	16.87212	
5757	489959.15	3857987.49	10.96318	30.07631	14.73461	17.96776	
5758	489791.49	3858016.12	12.18472	32.26499	16.1127	19.63227	
5759	489698.51	3858018.07	12.64663	33.45111	17.10034	20.42475	
5760	489605.52	3858020.02	13.11987	34.07419	18.04779	21.49979	
5761	489512.53	3858021.96	13.64057	35.06866	18.94872	23.17506	
5762	489419.55	3858023.91	14.0759	35.54073	19.76424	24.83011	
5763	489228.47	3858041.29	15.42667	39.06374	22.14396	28.47101	
5764	489065.75	3858085.78	16.90558	38.46022	25.03805	32.88497	
5765	489001.12	3858114.86	17.08981	40.65	26.82333	35.53206	
5766	488861.89	3858189.81	17.11997	45.97958	27.55396	43.5635	
5767	488787.29	3858235.69	18.16854	48.15961	28.76746	49.78554	
5768	488712.68	3858281.57	19.50275	47.26531	30.69873	56.34902	
5769	488654.39	3858436.17	22.89028	47.97637	28.53191	69.01011	
5770	488726.31	3858505.26	22.38669	45.69532	27.70163	65.58398	
5771	488880.6	3858599.28	20.88821	42.25926	26.00781	58.56887	
5772	489008.06	3858714.75	20.09398	39.44887	24.20747	54.25035	
5773	489071.48	3858772.72	19.73851	38.13247	23.64025	52.13713	
5774	489244.6	3858920.2	18.80218	34.83987	22.09398	46.91105	
5775	489239.69	3858952.23	19.21518	34.26525	22.44633	46.47388	
5776	489121.67	3858854.49	19.78143	36.22372	23.55706	49.63156	
5777	489059.59	3858797.27	20.09014	37.39528	24.09856	51.57512	
5778	488997.52	3858740.04	20.47415	38.93555	24.68384	53.99843	
5779	488935.44	3858682.82	20.84858	40.41728	25.23344	56.49676	
5780	488869.17	3858848.43	34.01245	38.51007	23.80937	56.73191	
5781	488932.48	3858892.69	32.00982	37.67759	23.17751	53.72967	
5782	489063.27	3858977.17	26.88137	36.35377	22.63491	51.31805	
5783	489248.2	3859117.15	23.30109	33.7405	21.53789	46.78201	
5784	489296.25	3859049.22	19.86533	33.38665	22.22169	45.65625	
5785	489353.38	3858993.97	18.11939	33.32209	21.11545	44.46884	
5786	489537.25	3859120.22	17.07876	31.03119	19.55908	40.77396	
5787	489726.98	3859246.04	16.03795	28.78292	18.63785	37.54295	
5788	489911.46	3859366.33	15.08398	26.97037	17.86268	34.7325	
5789	490035.3	3859430.26	14.24856	25.46388	17.35382	32.9067	
5790	490101.11	3859458.61	13.80326	24.73273	17.17223	31.80757	
5791	490312.68	3859560.3	12.66622	23.12541	16.16681	29.45949	

4.26E-01	0.05231	0.00046	0.13059	0.6093	
4.20E-01	0.04963	0.00043	0.11858	0.58913	
4.19E-01	0.04855	0.00044	0.12257	0.59067	
4.23E-01	0.05397	0.00047	0.13524	0.61282	
4.30E-01	0.0576	0.00049	0.14949	0.63777	
4.55E-01	0.06481	0.0005	0.16604	0.68671	
5.08E-01	0.07683	0.0006	0.1886	0.77417	
5.20E-01	0.08186	0.00061	0.18579	0.78828	
5.79E-01	0.08428	0.00073	0.2436	0.90764	
5.70E-01	0.07651	0.00068	0.24906	0.89638	
5.62E-01	0.06959	0.00064	0.25124	0.8838	
5.32E-01	0.0616	0.00057	0.23446	0.82861	
5.03E-01	0.0548	0.00052	0.21176	0.76998	
4.48E-01	0.05419	0.00048	0.18329	0.68595	
4.15E-01	0.05216	0.00044	0.15678	0.6246	
3.97E-01	0.04951	0.00043	0.13616	0.58326	
3.98E-01	0.04608	0.00042	0.11871	0.56295	
3.75E-01	0.04438	0.00035	0.09774	0.51789	
3.36E-01	0.04194	0.00031	0.08319	0.46118	
3.10E-01	0.03938	0.00028	0.07105	0.42065	
2.99E-01	0.03763	0.00027	0.06763	0.4042	
2.88E-01	0.03661	0.00025	0.06502	0.39037	
2.77E-01	0.03574	0.00024	0.06251	0.37527	
2.65E-01	0.03459	0.00023	0.05995	0.35934	
2.31E-01	0.0302	0.00021	0.04997	0.3116	
2.35E-01	0.03111	0.00022	0.05394	0.32019	
2.50E-01	0.03204	0.00022	0.05744	0.3399	
2.78E-01	0.03437	0.00024	0.06276	0.37545	
2.89E-01	0.03564	0.00026	0.0653	0.3898	
2.99E-01	0.0363	0.00027	0.06874	0.40471	
3.11E-01	0.03736	0.00029	0.07409	0.42303	
3.21E-01	0.03786	0.0003	0.07938	0.43877	
3.52E-01	0.04162	0.00033	0.09102	0.48502	
3.86E-01	0.04097	0.00038	0.10513	0.53228	
3.90E-01	0.04331	0.0004	0.1136	0.54731	
3.91E-01	0.04898	0.00042	0.13927	0.57936	
4.15E-01	0.05131	0.00043	0.15917	0.62553	
4.45E-01	0.05035	0.00046	0.18015	0.67603	
5.22E-01	0.05111	0.00043	0.22063	0.79454	
5.11E-01	0.04868	0.00042	0.20967	0.76965	
4.77E-01	0.04502	0.00039	0.18725	0.70934	
4.59E-01	0.04203	0.00036	0.17344	0.67439	
4.50E-01	0.04062	0.00036	0.16668	0.65811	
4.29E-01	0.03712	0.00033	0.14998	0.61651	
4.39E-01	0.0365	0.00034	0.14858	0.62393	
4.51E-01	0.03859	0.00036	0.15867	0.64905	
4.58E-01	0.03984	0.00036	0.16489	0.66356	
4.67E-01	0.04148	0.00037	0.17263	0.68172	
4.76E-01	0.04306	0.00038	0.18062	0.69984	
7.76E-01	0.04103	0.00036	0.18137	0.99895	
7.30E-01	0.04014	0.00035	0.17178	0.94275	
6.13E-01	0.03873	0.00034	0.16407	0.81659	
5.32E-01	0.03595	0.00032	0.14956	0.71758	
4.53E-01	0.03557	0.00033	0.14596	0.63521	
4.13E-01	0.0355	0.00032	0.14217	0.59148	
3.90E-01	0.03306	0.00029	0.13036	0.55346	
3.66E-01	0.03066	0.00028	0.12003	0.51697	
3.44E-01	0.02873	0.00027	0.11104	0.48427	
3.25E-01	0.02713	0.00026	0.1052	0.45776	
3.15E-01	0.02635	0.00026	0.10169	0.4433	
2.89E-01	0.02464	0.00024	0.09418	0.40812	

5.63E-01	0.06918	0.000373	0.081075	7.14E-01	
5.56E-01	0.06564	0.000347	0.073622	6.96E-01	
5.54E-01	0.064206	0.000355	0.0761	6.95E-01	
5.60E-01	0.07137	0.000379	0.083967	7.15E-01	
5.69E-01	0.076173	0.000399	0.092809	7.38E-01	
6.02E-01	0.085719	0.000408	0.103084	7.91E-01	
6.72E-01	0.101611	0.000489	0.117093	8.91E-01	
6.88E-01	0.108266	0.000499	0.11535	9.12E-01	
7.66E-01	0.111463	0.00059	0.151243	1.03E+00	
7.54E-01	0.101185	0.000552	0.154632	1.01E+00	
7.44E-01	0.092039	0.000519	0.155986	9.92E-01	
7.04E-01	0.081469	0.000465	0.145565	9.31E-01	
6.65E-01	0.072479	0.000421	0.13147	8.69E-01	
5.92E-01	0.071668	0.000387	0.113794	7.78E-01	
5.49E-01	0.068985	0.000354	0.097336	7.16E-01	
5.25E-01	0.065473	0.000353	0.084537	6.76E-01	
5.26E-01	0.060946	0.000342	0.073703	6.61E-01	
4.96E-01	0.058687	0.000284	0.060685	6.16E-01	
4.44E-01	0.055468	0.000252	0.051648	5.51E-01	
4.10E-01	0.052087	0.000228	0.044113	5.06E-01	
3.95E-01	0.049767	0.000216	0.041986	4.87E-01	
3.82E-01	0.04842	0.000205	0.040369	4.71E-01	
3.66E-01	0.047268	0.000192	0.038812	4.52E-01	
3.50E-01	0.045746	0.000188	0.037222	4.33E-01	
3.06E-01	0.039945	0.000174	0.031022	3.77E-01	
3.11E-01	0.041148	0.000177	0.033489	3.85E-01	
3.31E-01	0.042376	0.00018	0.035664	4.09E-01	
3.68E-01	0.045459	0.000197	0.038968	4.52E-01	
3.82E-01	0.04713	0.000209	0.040541	4.70E-01	
3.96E-01	0.048008	0.000221	0.042675	4.87E-01	
4.12E-01	0.04941	0.000232	0.046	5.07E-01	
4.25E-01	0.050075	0.000242	0.049285	5.24E-01	
4.66E-01	0.055038	0.000271	0.056512	5.77E-01	
5.10E-01	0.054188	0.000306	0.065273	6.30E-01	
5.16E-01	0.057273	0.000328	0.070527	6.44E-01	
5.17E-01	0.064782	0.000337	0.086469	6.68E-01	
5.48E-01	0.067854	0.000352	0.098819	7.15E-01	
5.89E-01	0.066594	0.000376	0.111847	7.67E-01	
6.91E-01	0.067596	0.000349	0.136978	8.96E-01	
6.76E-01	0.064382	0.000339	0.130177	8.71E-01	
6.30E-01	0.059541	0.000318	0.116253	8.07E-01	
6.06E-01	0.055581	0.000296	0.107681	7.70E-01	
5.96E-01	0.053726	0.000289	0.103487	7.53E-01	
5.67E-01	0.049087	0.00027	0.093114	7.10E-01	
5.80E-01	0.048278	0.000275	0.092246	7.21E-01	
5.97E-01	0.051037	0.000288	0.098513	7.47E-01	
6.06E-01	0.052688	0.000295	0.102371	7.62E-01	
6.18E-01	0.054858	0.000302	0.107181	7.80E-01	
6.29E-01	0.056945	0.000309	0.11214	7.99E-01	
1.03E+00	0.054258	0.000291	0.112607	1.19E+00	
9.66E-01	0.053085	0.000284	0.106648	1.13E+00	
8.11E-01	0.05122	0.000277	0.101861	9.65E-01	
7.03E-01	0.047538	0.000264	0.092857	8.44E-01	
6.00E-01	0.04704	0.000272	0.090623	7.37E-01	
5.47E-01	0.046949	0.000258	0.088266	6.82E-01	
5.15E-01	0.043721	0.000239	0.080932	6.40E-01	
4.84E-01	0.040553	0.000228	0.074519	5.99E-01	
4.55E-01	0.038	0.000219	0.06894	5.62E-01	
4.30E-01	0.035877	0.000212	0.065316	5.31E-01	
4.17E-01	0.034847	0.00021	0.063135	5.15E-01	
3.82E-01	0.032582	0.000198	0.058474	4.74E-01	

0.652619	0.069926	0.000275	0.089439	0.81226	
0.644254	0.066349	0.000256	0.081217	0.792075	
0.642138	0.064899	0.000262	0.08395	0.79125	
0.648328	0.07214	0.00028	0.092629	0.813378	
0.659122	0.076995	0.000295	0.102384	0.838796	
0.697683	0.086644	0.000301	0.113719	0.898347	
0.778539	0.102708	0.000361	0.129173	1.010782	
0.796738	0.109435	0.000369	0.12725	1.033792	
0.887165	0.112666	0.000436	0.166846	1.167114	
0.873526	0.102277	0.000408	0.170584	1.146796	
0.86157	0.093033	0.000384	0.172078	1.127065	
0.815067	0.082348	0.000344	0.160582	1.058341	
0.770521	0.073261	0.000311	0.145033	0.989127	
0.686397	0.072442	0.000286	0.125534	0.884659	
0.636185	0.06973	0.000262	0.107378	0.813554	
0.608507	0.06618	0.000261	0.093259	0.768206	
0.609384	0.061604	0.000253	0.081307	0.752547	
0.575198	0.05932	0.00021	0.066946	0.701674	
0.514399	0.056066	0.000187	0.056976	0.627627	
0.474865	0.052649	0.000168	0.048664	0.576346	
0.457625	0.050304	0.00016	0.046317	0.554406	
0.441999	0.048943	0.000151	0.044533	0.535626	
0.424065	0.047778	0.000142	0.042816	0.514801	
0.405356	0.046239	0.000139	0.041061	0.492796	
0.354251	0.040376	0.000129	0.034222	0.428978	
0.359932	0.041592	0.000131	0.036944	0.438599	
0.383327	0.042833	0.000133	0.039343	0.465637	
0.426038	0.04595	0.000146	0.042988	0.515122	
0.442189	0.047639	0.000155	0.044723	0.534706	
0.458736	0.048527	0.000163	0.047077	0.554503	
0.476942	0.049943	0.000171	0.050746	0.577802	
0.492163	0.050615	0.000179	0.05437	0.597327	
0.539393	0.055632	0.0002	0.062342	0.657567	
0.591103	0.054773	0.000227	0.072007	0.718109	
0.597544	0.057892	0.000243	0.077803	0.733482	
0.598599	0.065482	0.000249	0.09539	0.759719	
0.635262	0.068586	0.00026	0.109014	0.813122	
0.681913	0.067313	0.000278	0.123386	0.872889	
0.800357	0.068325	0.000258	0.151109	1.02005	
0.782749	0.065077	0.000251	0.143607	0.991684	
0.730355	0.060183	0.000235	0.128246	0.91902	
0.702585	0.056181	0.000219	0.11879	0.877775	
0.690156	0.054306	0.000214	0.114163	0.858839	
0.657417	0.049617	0.0002	0.10272	0.809954	
0.671858	0.048799	0.000203	0.101762	0.822622	
0.691657	0.051588	0.000213	0.108677	0.852134	
0.702451	0.053256	0.000218	0.112932	0.868857	
0.715877	0.05545	0.000223	0.118239	0.889789	
0.728969	0.05756	0.000228	0.123709	0.910467	
1.189243	0.054844	0.000215	0.124224	1.368527	
1.119222	0.053658	0.00021	0.11765	1.29074	
0.939906	0.051773	0.000205	0.112369	1.104253	
0.814721	0.048051	0.000195	0.102437	0.965405	
0.69459	0.047547	0.000201	0.099972	0.842311	
0.633543	0.047456	0.000191	0.097372	0.778562	
0.597158	0.044193	0.000177	0.089281	0.730809	
0.560766	0.040991	0.000169	0.082207	0.684132	
0.527411	0.03841	0.000162	0.076053	0.642034	
0.4982	0.036264	0.000157	0.072055	0.606676	
0.48263	0.035223	0.000155	0.069648	0.587657	
0.442874	0.032934	0.000146	0.064506	0.54046	

5792	490401.63	3859603.12	12.2799	22.44128	15.66804	28.43069	2.80E-01	0.02391	0.00024	0.09089	0.39527	3.71E-01	0.031618	0.000192	0.056432	4.59E-01	0.429366	0.03196	0.000142	0.062254	0.523721
5793	490490.57	3859645.94	12.01203	21.75393	15.13655	27.3665	2.74E-01	0.02318	0.00023	0.08749	0.38502	3.63E-01	0.03065	0.000185	0.05432	4.48E-01	0.42	0.030981	0.000137	0.059923	0.511041
5794	490579.51	3859688.76	11.7857	21.09436	14.59615	26.2914	2.69E-01	0.02247	0.00022	0.08405	0.37571	3.56E-01	0.029721	0.000179	0.052186	4.38E-01	0.412086	0.030041	0.000132	0.057569	0.499829
5795	490668.45	3859731.58	11.52837	20.49734	14.28382	25.19978	2.63E-01	0.02184	0.00022	0.08056	0.3657	3.48E-01	0.028879	0.000175	0.050019	4.27E-01	0.403089	0.029191	0.000129	0.055179	0.487588
5796	490757.4	3859774.4	11.28487	19.6847	13.98506	24.1378	2.58E-01	0.02097	0.00021	0.07717	0.35588	3.41E-01	0.027734	0.000171	0.047911	4.16E-01	0.394575	0.028034	0.000127	0.052854	0.475589
5797	491003.53	3859861.82	10.41606	18.58839	13.67285	22.85052	2.38E-01	0.0198	0.00021	0.07305	0.33077	3.14E-01	0.02619	0.000167	0.045356	3.86E-01	0.364197	0.026473	0.000124	0.050035	0.440828
5798	491081.41	3859879.05	10.18199	18.16199	13.38927	22.30846	2.32E-01	0.01935	0.0002	0.07132	0.32323	3.07E-01	0.025589	0.000164	0.04428	3.77E-01	0.356013	0.025865	0.000121	0.048848	0.430847
5799	491229.76	3859917.82	9.69099	17.32756	12.56795	21.27107	2.21E-01	0.01846	0.00019	0.068	0.30781	2.92E-01	0.024413	0.000154	0.042221	3.59E-01	0.338845	0.024677	0.000114	0.046577	0.410212
5800	491300.22	3859939.35	9.43197	16.97989	12.35749	20.9171	2.15E-01	0.01809	0.00019	0.06687	0.30039	2.85E-01	0.023924	0.000151	0.041518	3.50E-01	0.329788	0.024182	0.000112	0.045801	0.399883
5801	491350.49	3860012.03	9.29814	16.39561	12.01268	20.51269	2.12E-01	0.01747	0.00018	0.06558	0.29542	2.81E-01	0.0231	0.000147	0.040716	3.45E-01	0.325109	0.02335	0.000109	0.044916	0.393483
5802	491406.82	3860092.57	9.17953	16.06111	11.88295	20.39693	2.09E-01	0.01711	0.00018	0.06521	0.29198	2.77E-01	0.022629	0.000145	0.040486	3.40E-01	0.320962	0.022873	0.000108	0.044662	0.388605
5803	491483.37	3860121.96	9.00828	15.73327	11.60703	19.91266	2.06E-01	0.01676	0.00017	0.06366	0.28617	2.72E-01	0.022167	0.000142	0.039525	3.34E-01	0.314974	0.022406	0.000105	0.043602	0.381088
5804	491559.91	3860151.36	8.8179	15.4042	11.28272	19.38904	2.01E-01	0.01641	0.00017	0.06199	0.2798	2.66E-01	0.021704	0.000138	0.038485	3.26E-01	0.308317	0.021938	0.000102	0.042456	0.372813
5805	491711.81	3860237.76	8.79735	15.45867	11.26102	18.80787	2.01E-01	0.01647	0.00017	0.06013	0.27753	2.66E-01	0.02178	0.000138	0.037332	3.25E-01	0.307599	0.022015	0.000102	0.041183	0.370899
5806	491755.2	3860319.07	8.39672	14.52485	10.72239	18.58823	1.92E-01	0.01547	0.00016	0.05943	0.26668	2.53E-01	0.020465	0.000131	0.036896	3.11E-01	0.293591	0.020686	9.7E-05	0.040702	0.355075
5807	491704.71	3860366.54	8.61368	14.54747	10.81827	18.70612	1.97E-01	0.0155	0.00016	0.0598	0.27204	2.60E-01	0.020496	0.000132	0.03713	3.18E-01	0.301177	0.020718	9.79E-05	0.04096	0.362953
5808	491623.43	3860462.39	8.8435	15.10701	10.47444	19.52237	2.02E-01	0.01609	0.00016	0.06241	0.28048	2.67E-01	0.021285	0.000128	0.03875	3.27E-01	0.309212	0.021515	9.48E-05	0.042747	0.373569
5809	491534.02	3860439.85	9.39988	16.31811	11.46101	20.41094	2.15E-01	0.01738	0.00017	0.06525	0.29732	2.84E-01	0.022991	0.00014	0.040514	3.47E-01	0.328666	0.023239	0.000104	0.044693	0.396702
5810	491313.95	3860268.18	9.38481	16.28601	11.4453	21.24381	2.14E-01	0.01735	0.00017	0.06792	0.29961	2.83E-01	0.022946	0.00014	0.042167	3.48E-01	0.328139	0.023194	0.000104	0.046517	0.397953
5811	491187.12	3860143.56	9.86274	17.06659	11.86503	22.01729	2.25E-01	0.01818	0.00018	0.07039	0.31383	2.98E-01	0.024046	0.000145	0.043702	3.66E-01	0.34485	0.024305	0.000107	0.048211	0.417473
5812	491070.43	3860075.97	10.22538	17.86114	12.48496	22.95629	2.33E-01	0.01903	0.00019	0.07339	0.32596	3.09E-01	0.025165	0.000153	0.045566	3.79E-01	0.35753	0.025437	0.000113	0.050267	0.433346
5813	490995.09	3860039.39	10.42329	18.32805	12.87718	23.56994	2.38E-01	0.01953	0.00019	0.07535	0.33294	3.15E-01	0.025823	0.000158	0.046784	3.87E-01	0.36445	0.026102	0.000116	0.05161	0.442278
5814	490919.75	3860002.8	10.69479	18.80196	13.25859	24.16962	2.44E-01	0.02003	0.0002	0.07727	0.34156	3.23E-01	0.026491	0.000162	0.047974	3.97E-01	0.373943	0.026777	0.00012	0.052923	0.453763
5815	490756.81	3859894.53	11.32851	20.04103	14.12109	25.4731	2.59E-01	0.02135	0.00021	0.08144	0.36153	3.42E-01	0.028237	0.000173	0.050561	4.21E-01	0.396101	0.028541	0.000128	0.055778	0.480547
5816	490668.07	3859860.92	11.67299	20.3615	14.39395	26.07887	2.66E-01	0.02169	0.00022	0.08337	0.37167	3.52E-01	0.028688	0.000176	0.051764	4.33E-01	0.408145	0.028998	0.00013	0.057104	0.494377
5817	490579.34	3859827.3	12.17594	20.96876	14.62163	27.06048	2.78E-01	0.02234	0.00022	0.08651	0.38694	3.67E-01	0.029544	0.000179	0.053712	4.51E-01	0.425731	0.029863	0.000132	0.059253	0.514979
5818	490490.6	3859793.68	12.61782	21.49945	14.64175	28.01335	2.88E-01	0.0229	0.00022	0.08956	0.40063	3.81E-01	0.030291	0.000179	0.055604	4.67E-01	0.441181	0.030618	0.000132	0.06134	0.533272
5819	490401.86	3859760.07	13.07113	21.93089	14.5623	28.76486	2.98E-01	0.02336	0.00022	0.09196	0.41384	3.94E-01	0.030899	0.000178	0.057095	4.83E-01	0.457031	0.031233	0.000132	0.062985	0.551381
5820	490313.12	3859726.45	13.56509	22.3001	14.52519	29.29101	3.10E-01	0.02376	0.00022	0.09364	0.42719	4.09E-01	0.031419	0.000178	0.05814	4.99E-01	0.474303	0.031759	0.000131	0.064138	0.57033
5821	490224.39	3859692.83	14.08025	22.54099	15.23499	29.53238	3.21E-01	0.02401	0.00023	0.09442	0.43998	4.25E-01	0.031759	0.000186	0.058619	5.16E-01	0.492315	0.032102	0.000138	0.064666	0.589221
5822	490135.65	3859659.22	14.62646	23.14977	15.82267	30.54272	3.34E-01	0.02466	0.00024	0.09765	0.45633	4.41E-01	0.032617	0.000194	0.060624	5.35E-01	0.511413	0.032969	0.000143	0.066878	0.611404
5823	489918.19	3859559.23	15.94927	25.42717	17.5177	33.87852	3.64E-01	0.02709	0.00026	0.10831	0.49964	4.81E-01	0.035825	0.000214	0.067245	5.85E-01	0.557665	0.036212	0.000158	0.074183	0.668218
5824	489743.61	3859486	17.62088	27.47726	18.50107	37.24639	4.02E-01	0.02927	0.00028	0.11908	0.55075	5.32E-01	0.038714	0.000226	0.07393	6.45E-01	0.616113	0.039132	0.000167	0.081557	0.736969
5825	489660.32	3859440.27	18.71762	28.30405	18.81018	38.45479	4.27E-01	0.03015	0.00028	0.12294	0.58053	5.65E-01	0.039879	0.00023	0.076329	6.81E-01	0.654461	0.040309	0.00017	0.084203	0.779143
5826	489577.04	3859394.53	19.94024	29.05404	19.03873	39.46245	4.55E-01	0.03095	0.00029	0.12616	0.61245	6.02E-01	0.040935	0.000233	0.078329	7.21E-01	0.697209	0.041377	0.000172	0.08641	0.825168
5827	489493.75	3859348.8	21.28387	29.63281	19.13951	40.22641	4.86E-01	0.03157	0.00029	0.1286	0.64618	6.42E-01	0.041751	0.000234	0.079845	7.64E-01	0.744189	0.042201	0.000173	0.088082	0.874646
5828	489321.28	3859240.02	24.44909	30.88174	20.04221	41.84625	5.58E-01	0.0329	0.0003	0.13378	0.72493	7.38E-01	0.04351	0.000245	0.08306	8.65E-01	0.854861	0.04398	0.000181	0.091629	0.990652
5829	489235.41	3859193.96	26.6254	31.85115	20.82997	44.94697	6.08E-01	0.03393	0.00031	0.1437	0.78556	8.04E-01	0.044876	0.000255	0.089215	9.38E-01	0.930956	0.045361	0.000188	0.098419	1.074924
5830	489149.54	3859147.89	28.82154	33.47083	21.29077	47.79858	6.58E-01	0.03566	0.00032	0.15281	0.84652	8.70E-01	0.047158	0.000261	0.094875	1.01E+00	1.007744	0.047667	0.000193	0.104663	1.160266
5831	489063.68	3859101.82	30.81066	35.11008	21.71571	50.22158	7.03E-01	0.0374	0.00033	0.16056	0.90142	9.30E-01	0.049468	0.000266	0.099685	1.08E+00	1.077293	0.050002	0.000196	0.109968	1.23746
5832	488977.81	3859055.75	33.32499	36.57091	22.44746	52.06726	7.61E-01	0.03896	0.00034	0.16646	0.96626	1.01E+00	0.051526	0.000275	0.103348	1.16E+00	1.165206	0.052082	0.000203	0.11401	1.331502
5833	488891.94	3859009.69	33.60319	37.37688	22.9245	53.19161	7.67E-01	0.03982	0.00035	0.17005	0.97707	1.01E+00	0.052662	0.000281	0.10558	1.17E+00	1.174934	0.05323	0.000207	0.116472	1.344843
5834	488808	3859060.73	26.43656	34.19426	21.95074	49.4499	6.03E-01	0.03643	0.00033	0.15809	0.79816	7.98E-01	0.048178	0.000269	0.098153	9.44E-01	0.924353	0.048698	0.000199	0.108279	1.081528
5835	488809.93	3859157.85	22.57397	31.93012	20.5199	44.68472	5.15E-01	0.03402	0.00031	0.14286	0.69234	6.81E-01	0.044988	0.000251	0.088695	8.15E-01	0.789298	0.045473	0.000186	0.097845	0.932801
5836	488811.86	3859254.96	20.66874	29.09082	19.34118	39.54389	4.72E-01	0.03099	0.00029	0.12642	0.62938	6.24E-01	0.040987	0.000237	0.07849	7.44E-01	0.722681	0.04143	0.000175	0.086588	0.850874
5837	488813.78	3859352.07	18.62224	28.79429	19.10634	36.72575	4.25E-01	0.03068	0.00029	0.11741	0.57335	5.62E-01	0.040569	0.000234	0.072897	6.76E-01	0.651126	0.041007	0.000173	0.080417	0.772723
5838	488815.71	3859449.19	16.76673	27.61522	18.0995	34.71804	3.83E-01	0.02942	0.00027	0.11099	0.52332	5.06E-01	0.038908	0.000222	0.068912	6.14E-01	0.586248	0.039328	0.000164	0.076021	0.701761
5839	488910.04	3859547.11	16.25408	26.42879	17.47635	33.57158	3.71E-01	0.02816	0.00026	0.10733	0.50668	4.91E-01	0.037236	0.000214	0.066636	5.95E-01	0.568323	0.037638	0.000158	0.073511	0.67963
5840	489002.45	3859547.91	17.32136	25.68624	17.82143	33.87317	3.95E-01	0.02736	0.00027	0.10829	0.53121	5.23E-01	0.03619	0.000218	0.067235	6.26E-01	0.60564	0.036581	0.000161	0.074171	0.716553
5841	489094.85	3859548.72	18.14634	25.7576	17.34733	35.2441	4.14E-01	0.02744	0.00026	0.11268	0.55449	5.48E-01	0.036291	0.000212	0.069956	6.54E-01	0.634486	0.036683	0.000157	0.077173	0.748498
5842	489230.05	3859601.87	17.9132	25.86286	17.25303	35.88748	4.09E-01	0.02755	0.00026	0.11473	0.55134	5.41E-01	0.036439	0.000211	0.071233	6.49E-01	0.626334	0.036832	0.000156	0.078582	0.741904
5843	489227.52	3859680.89	17.17165	24.44385	16.46653	33.62535	3.92E-01	0.02604	0.00025	0.1075	0.52566	5.18E-01	0.03444	0.000202	0.066743	6.20E-01	0.600406	0.034812	0.000149	0.073628	0.708995
5844	489133.47	3859760.29	15.3721	23.82852	16.40611	30.9515	3.51E-01	0.02539	0.00025	0.09895	0.47539	4.64E-01	0.033573	0.000201	0.061436	5.59E-01	0.537485	0.033935	0.000148	0.067773	0.639342
5845	489041.96	3859760.67	14.46583	23.74938	16.25013	30.70609	3.30E-01	0.0253	0.00024	0.09817	0.45384	4.37E-01	0.033461	0.000199	0.060948	5.31E-01	0.505797	0.033823	0.000147	0.067236	0.607003
5846	488950.45	3859761.05	14.3595	24.88282	15.48687	30.96149	3.28E-01	0.02651	0.00023	0.09898	0.45342	4.33E-01	0.035058	0.00019	0.061455	5.30E-01	0.502079	0.035437	0.00014	0.067795	0.605451
5847	488858.94	3859761.43	13.98826	30.53097	15.45613	34.64657	3.19E-01	0.03253	0.00023	0.11077	0.46275	4.22E-01	0.043016	0.000189	0.06877	5.34E-01	0.489099	0.043481	0.00014	0.075864	0.608584
5848	488767.43	3859761.82	13.22202	34.6089	15.62547	36.28458	3.02E-01	0.03687	0.00024	0.116	0.45485	3.99E-01	0.048762	0.000191	0.072021	5.20E-01	0.462307	0.049288	0.000141	0.079451	0.591188
5849	488675.92	3859762.2	12.30659	36.46829	15.21199	36.43332	2.81E-01	0.03885	0.00023	0.11648	0.43641	3.71E-01	0.051382	0.000186	0.072316	4.95E-01	0.430299	0.051936	0.000138	0.079777	0.56215
5850	488584.41	3859762.58	11.64352	35.29037	14.63432	35.65275	2.66E-01	0.0376	0.00022	0.11398	0.41751	3.51E-01	0.049722	0.000179	0.070767	4.72E-01	0.407115	0.050259	0.000132	0.078068	0.535574
5851	488492.9	3859762.96	11.00026	31.50268	14.25848	34.51489	2.51E-01	0.03356	0.00021	0.11035	0.39516	3.32E-01	0.044385	0.000175	0.068508	4.45E-01	0.384623	0.044864	0.000129	0.075576	0.505193
5852	488402.76	3859830.95	9.97143	22.95458	13.23213	32.12926	2.28E-01	0.02445	0.0002	0.10272	0.35493	3.01E-01	0.032342	0.000162	0.063773	3.97E-01	0.34865	0.032691	0.00012	0.070352	0.451813

5853	488404.14	3859898.55	9.67048	20.97496	12.53901	30.98809	2.21E-01	0.02235	0.00019	0.09907	0.34229	2.92E-01	0.029552	0.000153	0.061508	3.83E-01	0.338128	0.029871	0.000113	0.067854	0.435966
5854	488505.18	3859964.96	9.65806	23.43657	12.83094	31.36948	2.20E-01	0.02497	0.00019	0.10029	0.34586	2.91E-01	0.033021	0.000157	0.062265	3.87E-01	0.337694	0.033377	0.000116	0.068689	0.439875
5855	488604.85	3859963.76	10.29037	28.71383	13.37923	32.64782	2.35E-01	0.03059	0.0002	0.10438	0.37	3.11E-01	0.040456	0.000164	0.064803	4.16E-01	0.359802	0.040893	0.000121	0.071488	0.472304
5856	488704.51	3859962.56	10.88768	32.33354	13.80913	33.71726	2.48E-01	0.03445	0.00021	0.10779	0.39092	3.29E-01	0.045556	0.000169	0.066925	4.41E-01	0.380687	0.046048	0.000125	0.07383	0.500689
5857	488804.18	3859961.37	11.54242	33.3402	14.10283	34.2569	2.63E-01	0.03552	0.00021	0.10952	0.40866	3.48E-01	0.046974	0.000173	0.067996	4.64E-01	0.40358	0.047481	0.000128	0.075011	0.5262
5858	488903.85	3859960.17	12.35056	31.48663	14.72078	33.69106	2.82E-01	0.03354	0.00022	0.10771	0.42333	3.73E-01	0.044363	0.00018	0.066873	4.84E-01	0.431837	0.044842	0.000133	0.073772	0.550584
5859	489003.52	3859958.97	13.06736	27.26077	14.58327	31.39112	2.98E-01	0.02904	0.00022	0.10036	0.42783	3.94E-01	0.038409	0.000178	0.062308	4.95E-01	0.4569	0.038823	0.000132	0.068736	0.564591
5860	489103.18	3859957.77	13.41494	21.77738	14.38195	27.43375	3.06E-01	0.0232	0.00022	0.08771	0.41726	4.05E-01	0.030683	0.000176	0.054453	4.90E-01	0.469053	0.031014	0.00013	0.060071	0.560268
5861	489201.48	3860046.59	13.05835	20.32781	14.21022	27.1871	2.98E-01	0.02166	0.00021	0.08692	0.40679	3.94E-01	0.028641	0.000174	0.053964	4.77E-01	0.456584	0.02895	0.000129	0.059531	0.545193
5862	489200.11	3860136.61	12.57393	21.51598	13.76274	26.0724	2.87E-01	0.02292	0.00021	0.08335	0.39343	3.79E-01	0.030315	0.000168	0.051751	4.62E-01	0.439647	0.030642	0.000125	0.05709	0.527503
5863	489198.74	3860226.63	11.95101	23.57997	13.53501	27.52618	2.73E-01	0.02512	0.0002	0.088	0.38606	3.61E-01	0.033223	0.000166	0.054637	4.49E-01	0.417866	0.033581	0.000122	0.060273	0.511843
5864	489197.38	3860316.66	11.20921	25.02207	13.22121	28.39735	2.56E-01	0.02666	0.0002	0.09079	0.37345	3.38E-01	0.035255	0.000162	0.056366	4.30E-01	0.391929	0.035635	0.00012	0.062181	0.489865
5865	489196.01	3860406.68	10.44468	25.92804	12.64869	28.82906	2.38E-01	0.02762	0.00019	0.09217	0.35834	3.15E-01	0.036531	0.000155	0.057223	4.09E-01	0.365198	0.036925	0.000114	0.063126	0.465363
5866	489194.64	3860496.7	9.94441	26.03644	12.03761	28.80239	2.27E-01	0.02774	0.00018	0.09208	0.34694	3.00E-01	0.036684	0.000147	0.05717	3.94E-01	0.347706	0.03708	0.000109	0.063068	0.447962
5867	489193.27	3860586.72	9.45494	25.72764	11.6726	28.56233	2.16E-01	0.02741	0.00018	0.09131	0.33467	2.85E-01	0.036249	0.000143	0.056693	3.78E-01	0.330591	0.03664	0.000106	0.062542	0.429879
5868	489092.02	3860678.13	8.60356	23.65443	11.07763	27.86508	1.96E-01	0.0252	0.00017	0.08909	0.31079	2.60E-01	0.033328	0.000136	0.055309	3.48E-01	0.300823	0.033687	0.0001	0.061015	0.395626
5869	488992.13	3860679.53	8.07517	21.16932	10.60427	27.15618	1.84E-01	0.02255	0.00016	0.08682	0.29381	2.44E-01	0.029826	0.00013	0.053902	3.28E-01	0.282348	0.030148	9.59E-05	0.059463	0.372055
5870	488892.25	3860680.92	8.03468	17.98923	10.10685	26.15094	1.83E-01	0.01916	0.00015	0.08361	0.28628	2.42E-01	0.025346	0.000124	0.051907	3.20E-01	0.280932	0.025619	9.14E-05	0.057262	0.363905
5871	488792.36	3860682.31	7.86032	15.04718	9.98137	24.8793	1.79E-01	0.01603	0.00015	0.07954	0.2751	2.37E-01	0.021201	0.000122	0.049383	3.08E-01	0.274836	0.021429	9.03E-05	0.054477	0.350833
5872	488692.48	3860683.7	7.61806	15.4221	10.05004	23.40927	1.74E-01	0.01643	0.00015	0.07484	0.26527	2.30E-01	0.021729	0.000123	0.046465	2.98E-01	0.266365	0.021963	9.09E-05	0.051258	0.339678
5873	488592.59	3860685.1	7.36069	14.81073	9.76945	21.66035	1.68E-01	0.01578	0.00015	0.06925	0.25315	2.22E-01	0.020867	0.00012	0.042994	2.86E-01	0.257366	0.021093	8.84E-05	0.047429	0.325976
5874	488492.71	3860686.49	7.12095	15.57142	9.56911	19.77286	1.63E-01	0.01659	0.00014	0.06321	0.24245	2.15E-01	0.021939	0.000117	0.039247	2.76E-01	0.248984	0.022176	8.66E-05	0.043296	0.314542
5875	488299.07	3860762.18	6.50397	16.29015	8.81457	14.36995	1.48E-01	0.01735	0.00013	0.04594	0.21185	1.96E-01	0.022952	0.000108	0.028523	2.48E-01	0.227411	0.0232	7.97E-05	0.031465	0.282156
5876	488205.32	3860764.09	6.13942	15.51905	8.22817	12.15994	1.40E-01	0.01653	0.00012	0.03888	0.19564	1.85E-01	0.021865	0.000101	0.024136	2.31E-01	0.214664	0.022101	7.44E-05	0.026626	0.263467
5877	488111.56	3860766	5.77879	15.94188	7.80447	11.53037	1.32E-01	0.01698	0.00012	0.03686	0.18584	1.74E-01	0.022461	9.55E-05	0.022887	2.20E-01	0.202055	0.022704	7.06E-05	0.025248	0.250077
5878	488017.81	3860767.91	5.55355	15.82936	7.48517	11.26198	1.27E-01	0.01686	0.00011	0.036	0.17972	1.68E-01	0.022303	9.16E-05	0.022354	2.12E-01	0.19418	0.022543	6.77E-05	0.02466	0.241451
5879	487924.06	3860769.81	5.39234	15.64845	7.29886	10.96328	1.23E-01	0.01667	0.00011	0.03505	0.17489	1.63E-01	0.022048	8.93E-05	0.021761	2.07E-01	0.188543	0.022286	6.6E-05	0.024006	0.2349
5880	487830.31	3860771.72	5.24357	15.51281	7.13284	10.61472	1.20E-01	0.01653	0.00011	0.03394	0.17023	1.58E-01	0.021857	8.73E-05	0.021069	2.01E-01	0.183341	0.022093	6.45E-05	0.023243	0.228741
5881	487736.55	3860773.63	5.10424	15.86848	6.94408	10.32277	1.16E-01	0.01691	0.0001	0.033	0.1665	1.54E-01	0.022358	8.5E-05	0.02049	1.97E-01	0.178469	0.022599	6.28E-05	0.022603	0.223735
5882	487642.8	3860775.54	4.98401	15.6068	6.77544	10.20412	1.14E-01	0.01663	0.0001	0.03262	0.16309	1.50E-01	0.021989	8.29E-05	0.020254	1.93E-01	0.174266	0.022226	6.13E-05	0.022344	0.218897
5883	487549.48	3860684.71	5.01772	16.74057	6.82181	10.27892	1.15E-01	0.01783	0.0001	0.03286	0.16531	1.51E-01	0.023586	8.35E-05	0.020403	1.96E-01	0.175444	0.023841	6.17E-05	0.022507	0.221854
5884	487549.91	3860591.97	5.11815	17.11389	6.95601	10.46904	1.17E-01	0.01823	0.0001	0.03347	0.16861	1.54E-01	0.024112	8.51E-05	0.02078	1.99E-01	0.178956	0.024373	6.29E-05	0.022924	0.226315
5885	487550.34	3860499.23	5.25918	17.58616	7.14125	10.68689	1.20E-01	0.01874	0.00011	0.03417	0.17303	1.59E-01	0.024778	8.74E-05	0.021212	2.05E-01	0.183887	0.025045	6.46E-05	0.023401	0.232398
5886	487550.76	3860406.49	5.42955	18.08969	7.37887	10.92043	1.24E-01	0.01927	0.00011	0.03491	0.1782	1.64E-01	0.025487	9.03E-05	0.021676	2.11E-01	0.189844	0.025762	6.68E-05	0.023912	0.239585
5887	487551.19	3860313.75	5.58331	18.51724	7.58966	11.14369	1.27E-01	0.01973	0.00011	0.03563	0.18288	1.69E-01	0.02609	9.29E-05	0.022119	2.17E-01	0.19522	0.026371	6.87E-05	0.024401	0.246061
5888	487551.62	3860221.01	5.75069	18.96775	7.81034	11.5391	1.31E-01	0.02021	0.00012	0.03689	0.18845	1.74E-01	0.026724	9.56E-05	0.022904	2.23E-01	0.201073	0.027013	7.07E-05	0.025267	0.253423
5889	487552.05	3860128.27	5.97535	19.85977	8.07738	11.95602	1.36E-01	0.02116	0.00012	0.03822	0.19587	1.80E-01	0.027981	9.89E-05	0.023731	2.32E-01	0.208928	0.028283	7.31E-05	0.02618	0.263464
5890	487552.48	3860035.53	6.19238	20.90899	8.36487	12.36089	1.41E-01	0.02228	0.00013	0.03952	0.20323	1.87E-01	0.029459	0.000102	0.024535	2.41E-01	0.216516	0.029777	7.57E-05	0.027066	0.273436
5891	487552.91	3859942.79	6.3734	21.77404	8.58673	12.73846	1.45E-01	0.0232	0.00013	0.04073	0.2095	1.92E-01	0.030678	0.000105	0.025285	2.48E-01	0.222846	0.031009	7.77E-05	0.027893	0.281826
5892	487553.33	3859850.05	6.65812	22.90088	8.97562	13.15883	1.52E-01	0.0244	0.00014	0.04207	0.21855	2.01E-01	0.032266	0.00011	0.026119	2.59E-01	0.232801	0.032614	8.12E-05	0.028813	0.29431
5893	487553.76	3859757.31	6.98745	23.85309	9.3191	13.56273	1.59E-01	0.02541	0.00014	0.04336	0.22837	2.11E-01	0.033607	0.000114	0.026921	2.72E-01	0.244316	0.03397	8.43E-05	0.029698	0.308068
5894	487554.19	3859664.57	7.3695	24.77613	9.89752	15.29229	1.68E-01	0.0264	0.00015	0.04889	0.24361	2.22E-01	0.034908	0.000121	0.030354	2.88E-01	0.257674	0.035285	8.95E-05	0.033485	0.326534
5895	487460.2	3859571.05	7.29695	25.54011	9.73103	14.37486	1.67E-01	0.02721	0.00015	0.04596	0.23983	2.20E-01	0.035984	0.000119	0.028533	2.85E-01	0.255137	0.036373	8.8E-05	0.031476	0.323074
5896	487365.78	3859570.27	6.91606	25.86046	9.29728	13.66749	1.58E-01	0.02755	0.00014	0.0437	0.22922	2.09E-01	0.036436	0.000114	0.027129	2.72E-01	0.24182	0.036829	8.41E-05	0.029927	0.30866
5897	487271.36	3859569.48	6.66809	24.66897	8.98276	13.20981	1.52E-01	0.02628	0.00014	0.04223	0.22082	2.01E-01	0.034757	0.00011	0.02622	2.62E-01	0.233149	0.035132	8.13E-05	0.028925	0.297288
5898	487176.94	3859568.7	6.44295	24.89042	8.70506	12.68675	1.47E-01	0.02652	0.00013	0.04056	0.21424	1.94E-01	0.035069	0.000107	0.025182	2.55E-01	0.225277	0.035448	7.88E-05	0.02778	0.288583
5899	487082.51	3859567.92	6.22748	25.4592	8.42169	12.46225	1.42E-01	0.02712	0.00013	0.03984	0.20921	1.88E-01	0.03587	0.000103	0.024736	2.49E-01	0.217743	0.036258	7.62E-05	0.027288	0.281365
5900	486988.09	3859567.14	6.04009	24.71388	8.17423	12.20356	1.38E-01	0.02633	0.00012	0.03902	0.20331	1.82E-01	0.03482	0.0001	0.024223	2.41E-01	0.211191	0.035196	7.39E-05	0.026722	0.273183
5901	486893.67	3859566.36	5.8593	24.10426	7.91603	11.87938	1.34E-01	0.02568	0.00012	0.03798	0.19749	1.77E-01	0.033961	9.69E-05	0.023579	2.34E-01	0.20487	0.034328	7.16E-05	0.026012	0.265282
5902	486799.25	3859565.58	5.67541	24.92358	7.65542	11.45654	1.30E-01	0.02655	0.00012	0.03663	0.19281	1.71E-01	0.035116	9.37E-05	0.02274	2.29E-01	0.19844	0.035495	6.93E-05	0.025086	0.25909
5903	486704.83	3859564.79	5.53518	23.31314	7.46371	10.89255	1.26E-01	0.02484	0.00011	0.03482	0.18609	1.67E-01	0.032847	9.13E-05	0.021621	2.22E-01	0.193537	0.033201	6.75E-05	0.023851	0.250657
5904	486610.41	3859564.01	5.37715	23.19679	7.23638	10.30102	1.23E-01	0.02471	0.00011	0.03293	0.18047	1.62E-01	0.032683	8.86E-05	0.020446	2.16E-01	0.188012	0.033036	6.55E-05	0.022556	0.243669
5905	486515.99	3859563.23	5.18005	22.95471	6.93336	10.03625	1.18E-01	0.02445	0.0001	0.03209	0.17486	1.56E-01	0.032342	8.49E-05	0.019921	2.09E-01	0.18112	0.032691	6.27E-05	0.021976	0.23585
5906	486421.57	3859562.45	5.06181	23.33234	6.77982	9.67909	1.16E-01	0.02486	0.0001	0.03094	0.17142	1.53E-01	0.032874	8.3E-05	0.019212	2.05E-01	0.176986	0.033229	6.13E-05	0.021194	0.23147
5907	486327.14	3859561.67	4.96069	22.5041	6.64392	9.38699	1.13E-01	0.02397	0.0001	0.03001	0.16729	1.50E-01	0.031707	8.13E-05	0.018632	2.00E-01	0.17345	0.032049	6.01E-05	0.020554	0.226114
5908	486232.72	3859560.89	4.83201	22.54326	6.49605	9.13423	1.10E-01	0.02402	9.8E-05	0.0292	0.16359	1.46E-01	0.031762	7.95E-05	0.01813	1.96E-01	0.168951	0.032105	5.88E-05	0.020001	0.221116
5909	486138.3	3859560.1	4.72573	21.81055	6.41545	8.97723	1.08E-01	0.02324	9.7E-05	0.0287	0.15988	1.43E-01	0.03073	7.85E-05	0.017819	1.91E-01	0.165235	0.031061	5.8E-05	0.019657	0.216011
5910	486043.88	3859559.32	4.65426	21.6015	6.40325	8.8773	1.06E-01	0.02301	9.7E-05	0.02838	0.1577	1.40E-01	0.030435	7.84E-05	0.017621	1.89E-01	0.162736	0.030764	5.79E-05	0.019438	0.212996
5911	485949.35	3859463.54	4.67309	22.09839	6.4265	8.93909	1.07E-01	0.02354	9.7E-05	0.02858	0.15886	1.41E-01	0.031135	7.87E-05	0.017743	1.90E-01	0.163394	0.031471	5.81E-05	0.019574	0.214497
5912	485949.24	3859368.55	4.73326	22.08735	6.45161	9.12774	1.08E-01	0.02353	9.7E-05	0.02918	0.16083	1.43E-01	0.03112	7.9E-05	0.018118	1.92E-01	0.165498	0.031456	5.84E-05	0.019987	0.216999
5913	485949.12	3859273.55	4.8565	23.00524	6.54624	9.32494	1.11E-01	0.02451	9.9E-05	0.02981	0.16525	1.47E-01	0.032413	8.01E-05	0.018509	1.98E-01	0.169807	0.032763	5.92E-05	0.020419	0.223048

5914	485949.01	3859178.56	4.97923	25.36301	6.71077	9.5268	1.14E-01	0.02702	0.0001	0.03046	0.17121	1.50E-01	0.035735	8.21E-05	0.01891	2.05E-01	0.174098	0.036121	6.07E-05	0.020861	0.23114
5915	485948.9	3859083.56	5.12122	27.01856	6.90067	9.75125	1.17E-01	0.02878	0.0001	0.03118	0.17693	1.55E-01	0.038067	8.45E-05	0.019355	2.12E-01	0.179063	0.038478	6.24E-05	0.021352	0.238956
5916	485948.79	3858988.56	5.25061	27.55667	7.07367	9.97237	1.20E-01	0.02936	0.00011	0.03188	0.18117	1.58E-01	0.038826	8.66E-05	0.019794	2.17E-01	0.183587	0.039245	6.4E-05	0.021836	0.244732
5917	485948.67	3858893.57	5.39456	27.60482	7.24734	10.2012	1.23E-01	0.02941	0.00011	0.03261	0.18524	1.63E-01	0.038893	8.87E-05	0.020248	2.22E-01	0.18862	0.039313	6.56E-05	0.022337	0.250337
5918	485948.56	3858798.57	5.57825	28.41766	7.46528	10.46308	1.27E-01	0.03027	0.00011	0.03345	0.19114	1.68E-01	0.040039	9.14E-05	0.020768	2.29E-01	0.195043	0.040471	6.75E-05	0.022911	0.258492
5919	485948.45	3858703.58	5.72148	29.59948	7.64909	10.70247	1.31E-01	0.03153	0.00012	0.03422	0.19643	1.73E-01	0.041704	9.36E-05	0.021243	2.36E-01	0.200051	0.042154	6.92E-05	0.023435	0.265709
5920	485948.34	3858608.58	5.90795	32.46647	7.90097	10.98685	1.35E-01	0.03459	0.00012	0.03513	0.20466	1.78E-01	0.045743	9.67E-05	0.021808	2.46E-01	0.206571	0.046237	7.15E-05	0.024058	0.276937
5921	485948.22	3858513.59	6.10228	35.0762	8.16206	11.36009	1.39E-01	0.03737	0.00012	0.03632	0.21307	1.84E-01	0.04942	9.99E-05	0.022549	2.56E-01	0.213366	0.049954	7.38E-05	0.024875	0.288268
5922	485948.11	3858418.59	6.29576	35.28489	8.4213	11.73557	1.44E-01	0.03759	0.00013	0.03752	0.21891	1.90E-01	0.049714	0.000103	0.023294	2.63E-01	0.220131	0.050251	7.62E-05	0.025697	0.296155
5923	485948	3858323.59	6.53119	33.34112	8.73622	12.1464	1.49E-01	0.03552	0.00013	0.03883	0.22353	1.97E-01	0.046976	0.000107	0.024109	2.68E-01	0.228363	0.047483	7.9E-05	0.026597	0.302521
5924	485947.89	3858228.6	6.74855	35.50984	9.02743	13.36718	1.54E-01	0.03783	0.00014	0.04274	0.23471	2.04E-01	0.050031	0.00011	0.026532	2.80E-01	0.235963	0.050571	8.17E-05	0.02927	0.315885
5925	485947.77	3858133.6	6.98623	35.76296	9.3793	14.5019	1.59E-01	0.0381	0.00014	0.04636	0.24404	2.11E-01	0.050388	0.000115	0.028785	2.90E-01	0.244273	0.050932	8.49E-05	0.031754	0.327044
5926	485947.66	3858038.61	7.36538	41.80879	9.91438	15.46348	1.68E-01	0.04454	0.00015	0.04944	0.26221	2.22E-01	0.058906	0.000121	0.030693	3.12E-01	0.25753	0.059542	8.97E-05	0.03386	0.351021
5927	485854.54	3857943.35	7.29747	43.64895	9.78908	15.58729	1.67E-01	0.0465	0.00015	0.04983	0.26302	2.20E-01	0.061499	0.00012	0.030939	3.13E-01	0.255156	0.062162	8.86E-05	0.034131	0.351538
5928	485761.52	3857943.09	7.03122	40.89468	9.43318	15.15087	1.60E-01	0.04357	0.00014	0.04844	0.2526	2.12E-01	0.057618	0.000115	0.030073	3.00E-01	0.245846	0.05824	8.53E-05	0.033175	0.337347
5929	485668.51	3857942.83	6.78536	40.34531	9.10468	14.8224	1.55E-01	0.04298	0.00014	0.04739	0.24535	2.05E-01	0.056844	0.000111	0.029421	2.91E-01	0.23725	0.057458	8.24E-05	0.032456	0.327246
5930	485575.5	3857942.56	6.48739	38.75522	8.70079	14.42277	1.48E-01	0.04129	0.00013	0.04611	0.23558	1.96E-01	0.054604	0.000106	0.028628	2.79E-01	0.226831	0.055193	7.87E-05	0.031581	0.313684
5931	485482.48	3857942.3	6.28038	37.10647	8.41681	14.12005	1.43E-01	0.03953	0.00013	0.04514	0.22812	1.90E-01	0.052281	0.000103	0.028027	2.70E-01	0.219593	0.052845	7.61E-05	0.030918	0.303433
5932	485389.47	3857942.04	6.07413	35.62295	8.13803	13.82039	1.39E-01	0.03795	0.00012	0.04418	0.22087	1.83E-01	0.05019	9.96E-05	0.027432	2.61E-01	0.212382	0.050732	7.36E-05	0.030262	0.29345
5933	485296.46	3857941.78	5.85893	33.53794	7.84117	13.53695	1.34E-01	0.03573	0.00012	0.04328	0.21283	1.77E-01	0.047253	9.6E-05	0.026869	2.51E-01	0.204857	0.047763	7.09E-05	0.029641	0.282332
5934	485203.45	3857941.52	5.69206	31.10002	7.80915	13.3101	1.30E-01	0.03313	0.00012	0.04255	0.2057	1.72E-01	0.043818	9.56E-05	0.026419	2.42E-01	0.199023	0.044291	7.06E-05	0.029145	0.272529
5935	485110.43	3857941.26	5.48001	31.19636	7.82492	13.03952	1.25E-01	0.03323	0.00012	0.04169	0.2001	1.65E-01	0.043954	9.58E-05	0.025882	2.35E-01	0.191608	0.044428	7.08E-05	0.028552	0.264659
5936	485017.42	3857940.99	5.39794	31.2452	7.73959	12.76272	1.23E-01	0.03329	0.00012	0.0408	0.19739	1.63E-01	0.044023	9.47E-05	0.025333	2.32E-01	0.188739	0.044498	7E-05	0.027946	0.261253
5937	484924.41	3857940.73	5.39605	30.97806	7.61125	12.50277	1.23E-01	0.033	0.00011	0.03997	0.19623	1.63E-01	0.043646	9.32E-05	0.024817	2.31E-01	0.188673	0.044117	6.89E-05	0.027377	0.260236
5938	484831.39	3857940.47	5.37079	30.4955	7.47863	12.27892	1.23E-01	0.03249	0.00011	0.03926	0.19442	1.62E-01	0.042966	9.15E-05	0.024372	2.30E-01	0.187789	0.04343	6.77E-05	0.026887	0.258174
5939	484738.12	3857859.3	5.47467	31.225	7.83279	12.36868	1.25E-01	0.03327	0.00012	0.03954	0.19786	1.65E-01	0.043994	9.59E-05	0.024551	2.34E-01	0.191422	0.044469	7.09E-05	0.027083	0.263045
5940	484737.85	3857778.4	5.73773	35.00084	8.17886	12.71934	1.31E-01	0.03729	0.00012	0.04066	0.20901	1.73E-01	0.049314	0.0001	0.025247	2.48E-01	0.200619	0.049846	7.4E-05	0.027851	0.278391
5941	484737.59	3857697.49	6.04063	34.60815	8.38257	13.07341	1.38E-01	0.03687	0.00013	0.0418	0.21664	1.82E-01	0.048761	0.000103	0.025949	2.57E-01	0.21121	0.049287	7.58E-05	0.028626	0.2892
5942	484737.32	3857616.59	6.25255	29.92689	8.54623	13.42566	1.43E-01	0.03188	0.00013	0.04292	0.21762	1.89E-01	0.042165	0.000105	0.026649	2.58E-01	0.21862	0.04262	7.73E-05	0.029398	0.290715
5943	484645.53	3857535.18	6.29707	27.50396	8.54199	13.54689	1.44E-01	0.0293	0.00013	0.04331	0.21644	1.90E-01	0.038751	0.000105	0.026889	2.56E-01	0.220177	0.03917	7.73E-05	0.029663	0.289087
5944	484553.99	3857534.67	6.16659	26.27883	8.35521	13.27419	1.41E-01	0.028	0.00013	0.04244	0.21129	1.86E-01	0.037025	0.000102	0.026348	2.50E-01	0.215614	0.037425	7.56E-05	0.029066	0.282181
5945	484462.46	3857534.17	6.05402	25.18277	8.19605	13.03942	1.38E-01	0.02683	0.00012	0.04169	0.2068	1.83E-01	0.035481	0.0001	0.025882	2.44E-01	0.211678	0.035864	7.41E-05	0.028552	0.276169
5946	484370.93	3857533.66	5.94364	24.08553	8.15795	12.80557	1.36E-01	0.02566	0.00012	0.04094	0.20236	1.79E-01	0.033935	9.98E-05	0.025418	2.39E-01	0.207819	0.034301	7.38E-05	0.02804	0.270234
5947	484279.4	3857533.16	5.84358	23.0473	8.16538	12.58603	1.33E-01	0.02455	0.00012	0.04024	0.19827	1.76E-01	0.032472	9.99E-05	0.024982	2.34E-01	0.20432	0.032823	7.39E-05	0.027559	0.264776
5948	484187.86	3857532.65	5.74493	22.00893	8.14583	12.36862	1.31E-01	0.02345	0.00012	0.03954	0.19422	1.73E-01	0.031009	9.97E-05	0.02455	2.29E-01	0.200871	0.031344	7.37E-05	0.027083	0.259372
5949	484096.33	3857532.15	5.70448	21.0748	8.13572	12.17218	1.30E-01	0.02245	0.00012	0.03891	0.19167	1.72E-01	0.029693	9.96E-05	0.024161	2.26E-01	0.199457	0.030014	7.36E-05	0.026653	0.256197
5950	484004.8	3857531.64	5.66757	20.42306	8.08422	11.96859	1.29E-01	0.02176	0.00012	0.03826	0.18948	1.71E-01	0.028775	9.89E-05	0.023756	2.24E-01	0.198166	0.029085	7.31E-05	0.026207	0.253532
5951	483913.27	3857531.14	5.6099	19.84407	7.99381	11.75902	1.28E-01	0.02114	0.00012	0.03759	0.18688	1.69E-01	0.027959	9.78E-05	0.02334	2.21E-01	0.19615	0.028261	7.23E-05	0.025748	0.250231
5952	483821.73	3857530.63	5.57142	19.35712	7.92776	11.57323	1.27E-01	0.02062	0.00012	0.037	0.18489	1.68E-01	0.027273	9.7E-05	0.022972	2.18E-01	0.194804	0.027567	7.17E-05	0.025342	0.247785
5953	483729.61	3857450.11	5.89258	19.42523	8.29433	11.65583	1.34E-01	0.02069	0.00013	0.03726	0.19256	1.78E-01	0.027369	0.000102	0.023136	2.28E-01	0.206034	0.027664	7.5E-05	0.025522	0.259296
5954	483729.03	3857370.08	6.23559	20.28664	8.61425	11.94517	1.42E-01	0.02161	0.00013	0.03819	0.20223	1.88E-01	0.028583	0.000105	0.02371	2.41E-01	0.218027	0.028891	7.79E-05	0.026156	0.273152
5955	483728.44	3857290.06	6.49358	21.12163	8.81105	12.22678	1.48E-01	0.0225	0.00013	0.03909	0.20991	1.96E-01	0.029759	0.000108	0.024269	2.50E-01	0.227048	0.03008	7.97E-05	0.026773	0.28398
5956	483727.86	3857210.03	6.69627	21.50556	8.97432	12.51718	1.53E-01	0.02291	0.00014	0.04002	0.21588	2.02E-01	0.0303	0.00011	0.024845	2.57E-01	0.234135	0.030627	8.12E-05	0.027408	0.292251
5957	483641.15	3857129.07	6.78787	22.05703	9.03124	12.62296	1.55E-01	0.0235	0.00014	0.04036	0.21889	2.05E-01	0.031077	0.000111	0.025055	2.61E-01	0.237337	0.031412	8.17E-05	0.02764	0.296472
5958	483555.03	3857128.14	6.68839	21.30269	8.89404	12.42635	1.53E-01	0.02269	0.00013	0.03973	0.21519	2.02E-01	0.030014	0.000109	0.024665	2.57E-01	0.233859	0.030338	8.05E-05	0.02721	0.291487
5959	483468.91	3857127.2	6.5488	21.33113	8.70359	12.22333	1.49E-01	0.02272	0.00013	0.03908	0.21138	1.98E-01	0.030054	0.000107	0.024262	2.52E-01	0.228978	0.030379	7.87E-05	0.026765	0.286201
5960	483382.78	3857126.26	6.4826	20.80885	8.61309	12.05154	1.48E-01	0.02217	0.00013	0.03853	0.20877	1.96E-01	0.029318	0.000105	0.023921	2.49E-01	0.226664	0.029635	7.79E-05	0.026389	0.282765
5961	483296.66	3857125.32	6.38797	20.87639	8.48499	11.87573	1.46E-01	0.02224	0.00013	0.03797	0.20611	1.93E-01	0.029414	0.000104	0.023572	2.46E-01	0.223355	0.029731	7.68E-05	0.026004	0.279167
5962	483210.54	3857124.39	6.28225	20.58561	8.34275	11.70154	1.43E-01	0.02193	0.00013	0.03741	0.20283	1.90E-01	0.029004	0.000102	0.023226	2.42E-01	0.219659	0.029317	7.55E-05	0.025622	0.274673
5963	483123.4	3857030.96	6.36408	20.02735	8.44834	11.83015	1.45E-01	0.02134	0.00013	0.03782	0.20452	1.92E-01	0.028217	0.000103	0.023482	2.44E-01	0.22252	0.028522	7.64E-05	0.025904	0.277022
5964	483122.38	3856938.46	6.57331	21.64432	8.74015	12.13493	1.50E-01	0.02306	0.00013	0.0388	0.21199	1.98E-01	0.030495	0.000107	0.024087	2.53E-01	0.229835	0.030825	7.91E-05	0.026571	0.287311
5965	483121.35	3856845.97	6.79019	23.71665	9.04725	12.44607	1.55E-01	0.02527	0.00014	0.03979	0.22015	2.05E-01	0.033415	0.000111	0.024704	2.63E-01	0.237419	0.033776	8.18E-05	0.027253	0.298529
5966	483120.33	3856753.47	6.93749	24.80149	9.25674	12.77879	1.58E-01	0.02642	0.00014	0.04085	0.22573	2.09E-01	0.034944	0.000113	0.025365	2.70E-01	0.242569	0.035321	8.37E-05	0.027981	0.305955
5967	483119.31	3856660.98	7.0798	24.92852	9.45302	13.12726	1.62E-01	0.02656	0.00014	0.04197	0.23023	2.14E-01	0.035123	0.000116	0.026056	2.75E-01	0.247545	0.035502	8.55E-05	0.028744	0.311876
5968	483118.29	3856568.49	7.24771	25.35611	9.67969	13.49164	1.65E-01	0.02701	0.00015	0.04313	0.23569	2.19E-01	0.035725	0.000118	0.026779	2.81E-01	0.253416	0.036111	8.76E-05	0.029542	0.319156
5969	483117.26	3856475.99	7.4276	26.44499	9.91908	13.87306	1.70E-01	0.02817	0.00015	0.04435	0.24218	2.24E-01	0.037259	0.000121	0.027537	2.89E-01	0.259706	0.037662	8.97E-05	0.030377	0.327834
5970	483116.24	3856383.5	7.57309	27.39783	10.10707	14.27827	1.73E-01	0.02919	0.00015	0.04565	0.24781	2.29E-01	0.038602	0.000124	0.028341	2.96E-01	0.264793	0.039019	9.14E-05	0.031265	0.335167
5971	483115.22	3856291.01	7.71881	30.928	10.29258	14.70589	1.76E-01	0.03295	0.00016	0.04702	0.25627	2.33E-01	0.043576	0.000126	0.02919	3.06E-01	0.269888	0.044046	9.31E-05	0.032201	0.346228
5972	483114.2	3856198.51	7.82395	32.67343	10.46629	15.167	1.79E-01	0.03481	0.00016	0.04849	0.262	2.36E-01	0.046035	0.000128	0.030105	3.12E-01	0.273564	0.046532	9.47E-05	0.033211	0.353401
5973	483113.17	3856106.02	8.0144	32.22143	10.92149	15.63699	1.83E-01	0.03433	0.00016	0.04999	0.26738	2.42E-01	0.045398	0.000134	0.031038	3.18E-01	0.280223	0.045888	9.88E-05	0.03424	0.36045
5974	483112.15	3856013.52	8.27596	31.07234	11.30741	16.1537	1.89E-01	0.0331	0.00017	0.05164	0.27378	2.50E-01	0.043779	0.000138	0.032063	3.26E-01	0.289368	0.044252	0.000102	0.035371	0.369094

5975	483029.25	3855920.47	8.44752	32.22514	11.52761	16.27069	1.93E-01	0.03433	0.00017	0.05202	0.2793	2.55E-01	0.045403	0.000141	0.032296	3.33E-01	0.295367	0.045893	0.000104	0.035627	0.376992
5976	482947.37	3855919.91	8.26917	31.08574	11.28804	15.89424	1.89E-01	0.03312	0.00017	0.05081	0.27281	2.50E-01	0.043798	0.000138	0.031548	3.25E-01	0.289131	0.044271	0.000102	0.034803	0.368307
5977	482865.49	3855919.36	8.07967	29.8712	11.03469	15.52067	1.84E-01	0.03182	0.00017	0.04962	0.26599	2.44E-01	0.042087	0.000135	0.030807	3.17E-01	0.282505	0.042541	9.98E-05	0.033985	0.359131
5978	482783.61	3855918.8	7.94058	31.94514	10.85125	15.12436	1.81E-01	0.03403	0.00016	0.04835	0.26376	2.40E-01	0.045009	0.000133	0.03002	3.15E-01	0.277642	0.045495	9.82E-05	0.033117	0.356352
5979	482700.33	3855818.39	8.06823	35.10314	11.01801	14.43444	1.84E-01	0.0374	0.00017	0.04615	0.26783	2.44E-01	0.049458	0.000135	0.028651	3.22E-01	0.282105	0.049992	9.97E-05	0.031607	0.363803
5980	482698.92	3855718.54	8.37798	35.73087	11.52369	15.02759	1.91E-01	0.03807	0.00017	0.04804	0.27748	2.53E-01	0.050343	0.000141	0.029828	3.33E-01	0.292936	0.050886	0.000104	0.032905	0.376831
5981	482697.52	3855618.68	8.704	37.1212	12.05379	15.91375	1.99E-01	0.03955	0.00018	0.05088	0.28924	2.63E-01	0.052301	0.000148	0.031587	3.47E-01	0.304335	0.052866	0.000109	0.034846	0.392156
5982	482696.11	3855518.83	9.181	36.31563	12.62514	16.77746	2.10E-01	0.03869	0.00019	0.05364	0.30203	2.77E-01	0.051166	0.000155	0.033302	3.62E-01	0.321013	0.051719	0.000114	0.036737	0.409583
5983	482694.71	3855418.98	9.54046	42.22326	13.07212	17.59065	2.18E-01	0.04498	0.0002	0.05624	0.31914	2.88E-01	0.05949	0.00016	0.034916	3.83E-01	0.333582	0.060132	0.000118	0.038518	0.43235
5984	482693.3	3855319.13	9.86845	49.0889	13.4986	18.44993	2.25E-01	0.0523	0.0002	0.05898	0.33669	2.98E-01	0.069163	0.000165	0.036621	4.04E-01	0.34505	0.06991	0.000122	0.040399	0.455481
5985	482691.9	3855219.27	10.2243	47.95965	13.99838	19.34974	2.33E-01	0.05109	0.00021	0.06186	0.34649	3.09E-01	0.067572	0.000171	0.038407	4.15E-01	0.357492	0.068302	0.000127	0.042369	0.46829
5986	482690.49	3855119.42	10.561	40.97648	14.69864	20.65333	2.41E-01	0.04365	0.00022	0.06603	0.35092	3.19E-01	0.057733	0.00018	0.040995	4.18E-01	0.369265	0.058357	0.000133	0.045224	0.472978
5987	482689.09	3855019.57	11.26514	41.76772	15.65131	21.9776	2.57E-01	0.0445	0.00024	0.07026	0.37208	3.40E-01	0.058848	0.000192	0.043623	4.43E-01	0.393885	0.059483	0.000142	0.048124	0.501634
5988	482687.68	3854919.72	11.8954	45.81	16.41726	23.31983	2.71E-01	0.0488	0.00025	0.07455	0.39507	3.59E-01	0.064543	0.000201	0.046287	4.70E-01	0.415922	0.06524	0.000149	0.051063	0.532373
5989	482686.28	3854819.86	12.54634	50.06679	18.05208	24.5826	2.86E-01	0.05334	0.00027	0.07859	0.41852	3.79E-01	0.070541	0.000221	0.048794	4.98E-01	0.438682	0.071302	0.000163	0.053828	0.563975
5990	482684.88	3854720.01	13.66326	48.47245	19.53428	25.66193	3.12E-01	0.05164	0.00029	0.08204	0.44578	4.12E-01	0.068295	0.000239	0.050936	5.32E-01	0.477735	0.069032	0.000177	0.056191	0.603135
5991	482683.47	3854620.16	15.3228	48.09322	21.59497	26.76179	3.50E-01	0.05124	0.00033	0.08556	0.4868	4.62E-01	0.06776	0.000264	0.053119	5.84E-01	0.535761	0.068492	0.000195	0.058599	0.663047
5992	482682.07	3854520.31	17.15038	48.46168	24.37103	30.21383	3.91E-01	0.05163	0.00037	0.09659	0.53998	5.18E-01	0.068279	0.000298	0.059971	6.46E-01	0.599662	0.069017	0.00022	0.066158	0.735057
5993	482680.66	3854420.45	19.05743	47.59238	26.51444	34.17397	4.35E-01	0.0507	0.0004	0.10926	0.59526	5.75E-01	0.067055	0.000325	0.067832	7.10E-01	0.666342	0.067779	0.00024	0.07483	0.80919
5994	482679.26	3854320.6	22.2642	47.36407	27.85717	37.18299	5.08E-01	0.05046	0.00042	0.11887	0.67784	6.72E-01	0.066733	0.000341	0.073804	8.13E-01	0.778466	0.067453	0.000252	0.081418	0.92759
5995	482677.85	3854220.75	28.24037	44.0204	31.35174	39.00818	6.44E-01	0.0469	0.00047	0.12471	0.81655	8.52E-01	0.062022	0.000384	0.077427	9.92E-01	0.987423	0.062691	0.000284	0.085415	1.135813
5996	482676.45	3854120.9	32.95627	49.15016	32.95808	40.5738	7.52E-01	0.05236	0.0005	0.12972	0.93466	9.95E-01	0.069249	0.000403	0.080535	1.14E+00	1.152314	0.069997	0.000298	0.088843	1.311452
5997	482675.04	3854021.04	35.51204	50.80552	32.98903	40.02842	8.10E-01	0.05413	0.0005	0.12797	0.99301	1.07E+00	0.071582	0.000404	0.079452	1.22E+00	1.241676	0.072354	0.000298	0.087649	1.401978
5998	482673.64	3853921.19	34.04929	47.87272	34.72233	39.48579	7.77E-01	0.051	0.00052	0.12624	0.95479	1.03E+00	0.06745	0.000425	0.078375	1.17E+00	1.190531	0.068178	0.000314	0.086461	1.345484
5999	482672.23	3853821.34	31.72368	44.47219	33.83437	39.33929	7.24E-01	0.04738	0.00051	0.12577	0.89762	9.57E-01	0.062658	0.000414	0.078084	1.10E+00	1.109217	0.063335	0.000306	0.08614	1.258998
6000	482670.83	3853721.49	34.06515	49.59152	33.0033	37.70922	7.77E-01	0.05283	0.0005	0.12056	0.95128	1.03E+00	0.069871	0.000404	0.074849	1.17E+00	1.191086	0.070626	0.000299	0.082571	1.344581
6001	482669.42	3853621.63	35.0403	50.92124	34.5953	46.01336	8.00E-01	0.05425	0.00052	0.14711	1.00152	1.06E+00	0.071745	0.000423	0.091332	1.22E+00	1.225182	0.072519	0.000313	0.100754	1.398768
6002	482645.99	3853446.13	30.02862	45.2273	33.00112	47.2602	6.85E-01	0.04818	0.0005	0.15109	0.88505	9.06E-01	0.063722	0.000404	0.093807	1.06E+00	1.049949	0.06441	0.000299	0.103484	1.218142
6003	482623.97	3853370.49	26.52514	40.5737	30.34121	46.52794	6.05E-01	0.04322	0.00046	0.14875	0.79776	8.01E-01	0.057166	0.000371	0.092353	9.50E-01	0.92745	0.057783	0.000274	0.101881	1.087388
6004	482601.94	3853294.84	24.84222	38.41203	30.72049	44.14772	5.67E-01	0.04092	0.00046	0.14114	0.74945	7.50E-01	0.05412	0.000376	0.087629	8.92E-01	0.868607	0.054704	0.000278	0.096669	1.020258
6005	482531.29	3853133.44	23.64147	35.32327	29.83295	39.04717	5.40E-01	0.03763	0.00045	0.12483	0.70243	7.14E-01	0.049768	0.000365	0.077505	8.41E-01	0.826623	0.050306	0.00027	0.0855	0.962698
6006	482482.68	3853047.69	23.15336	34.56125	29.64402	38.7421	5.28E-01	0.03682	0.00045	0.12386	0.6895	6.99E-01	0.048695	0.000363	0.076899	8.25E-01	0.809556	0.04922	0.000268	0.084832	0.943877
6007	482383.09	3852897.4	21.76947	33.2564	28.07841	37.73579	4.97E-01	0.03543	0.00042	0.12064	0.65329	6.57E-01	0.046856	0.000344	0.074902	7.79E-01	0.761168	0.047362	0.000254	0.082629	0.891413
6008	482265.64	3852765.26	20.71526	31.44669	26.61697	36.65338	4.73E-01	0.0335	0.0004	0.11718	0.62382	6.25E-01	0.044306	0.000326	0.072753	7.43E-01	0.724308	0.044785	0.000241	0.080259	0.849592
6009	482199.16	3852697.66	20.28364	30.50566	25.97646	36.02237	4.63E-01	0.0325	0.00039	0.11516	0.61094	6.12E-01	0.042981	0.000318	0.071501	7.27E-01	0.709216	0.043445	0.000235	0.078877	0.831773
6010	482132.69	3852630.07	19.89959	29.65752	25.393	35.46724	4.54E-01	0.0316	0.00038	0.11339	0.59949	6.01E-01	0.041786	0.000311	0.070399	7.13E-01	0.695788	0.042237	0.00023	0.077661	0.815916
6011	482066.21	3852562.48	19.51076	28.8053	24.80597	34.88621	4.45E-01	0.03069	0.00037	0.11153	0.58784	5.89E-01	0.040585	0.000304	0.069245	6.99E-01	0.682193	0.041023	0.000224	0.076389	0.799829
6012	481999.74	3852494.89	19.0955	27.93742	24.20715	34.26654	4.36E-01	0.02976	0.00036	0.10955	0.57545	5.76E-01	0.039362	0.000296	0.068016	6.84E-01	0.667673	0.039787	0.000219	0.075032	0.782711
6013	481933.26	3852427.29	18.69589	27.10385	23.62799	33.66111	4.27E-01	0.02887	0.00036	0.10762	0.5635	5.64E-01	0.038188	0.000289	0.066814	6.70E-01	0.653701	0.0386	0.000214	0.073707	0.766221
6014	481866.79	3852359.7	18.38087	26.40923	23.13647	33.18956	4.19E-01	0.02813	0.00035	0.10611	0.55406	5.55E-01	0.037209	0.000283	0.065878	6.58E-01	0.642686	0.037611	0.000209	0.072674	0.75318
6015	481800.31	3852292.11	18.08992	25.75256	22.66829	32.73784	4.13E-01	0.02744	0.00034	0.10466	0.54527	5.46E-01	0.036284	0.000277	0.064981	6.48E-01	0.632513	0.036675	0.000205	0.071685	0.741078
6016	481733.84	3852224.52	17.80229	25.09084	22.19451	32.25751	4.06E-01	0.02673	0.00033	0.10313	0.53646	5.37E-01	0.035351	0.000272	0.064028	6.37E-01	0.622456	0.035733	0.000201	0.070633	0.729023
6017	481667.36	3852156.92	17.57599	24.51788	21.77673	31.82055	4.01E-01	0.02612	0.00033	0.10173	0.52928	5.30E-01	0.034544	0.000267	0.06316	6.28E-01	0.614543	0.034917	0.000197	0.069676	0.719334
6018	481600.89	3852089.33	17.22699	23.79828	21.2617	31.27804	3.93E-01	0.02535	0.00032	0.1	0.5188	5.20E-01	0.03353	0.00026	0.062084	6.16E-01	0.602341	0.033892	0.000192	0.068488	0.704914
6019	481534.41	3852021.74	16.8646	23.19451	20.74293	30.70963	3.85E-01	0.02471	0.00031	0.09818	0.50807	5.09E-01	0.03268	0.000254	0.060955	6.03E-01	0.58967	0.033032	0.000188	0.067244	0.690134
6020	481467.94	3851954.15	16.54218	22.72827	20.26677	30.18102	3.78E-01	0.02421	0.00031	0.09649	0.49851	4.99E-01	0.032023	0.000248	0.059906	5.91E-01	0.578396	0.032368	0.000183	0.066086	0.677034
6021	481401.46	3851886.55	16.28024	22.34948	19.85457	29.74211	3.72E-01	0.02381	0.0003	0.09509	0.49072	4.91E-01	0.031489	0.000243	0.059035	5.82E-01	0.569238	0.031829	0.00018	0.065125	0.666372
6022	481265.87	3851761.43	15.71934	21.70277	19.1421	28.79602	3.59E-01	0.02312	0.00029	0.09206	0.4742	4.74E-01	0.030578	0.000234	0.057157	5.62E-01	0.549626	0.030908	0.000173	0.063054	0.643761
6023	481196.74	3851703.89	15.50463	21.5054	18.89338	28.38526	3.54E-01	0.02291	0.00028	0.09075	0.46777	4.68E-01	0.0303	0.000231	0.056342	5.55E-01	0.542119	0.030627	0.000171	0.062154	0.635071
6024	481076.33	3851619.05	15.37391	21.26493	18.53506	27.4825	3.51E-01	0.02265	0.00028	0.08786	0.46164	4.64E-01	0.029961	0.000227	0.05455	5.49E-01	0.537548	0.030284	0.000168	0.060177	0.628177
6025	480939.8	3851549.07	15.37441	20.98447	18.06658	25.78384	3.51E-01	0.02236	0.00027	0.08243	0.45592	4.64E-01	0.029566	0.000221	0.051178	5.45E-01	0.537565	0.029885	0.000163	0.056458	0.624072
6026	480854.56	3851506.41	15.25517	20.82505	17.54928	25.84206	3.48E-01	0.02219	0.00026	0.08262	0.4532	4.60E-01	0.029341	0.000215	0.051294	5.41E-01	0.533396	0.029658	0.000159	0.056585	0.619798
6027	480769.32	3851463.75	15.06735	20.76936	17.12705	25.54484	3.44E-01	0.02213	0.00026	0.08167	0.4479	4.55E-01	0.029263	0.00021	0.050704	5.35E-01	0.526829	0.029579	0.000155	0.055935	0.612497
6028	480684.08	3851421.08	14.80958	20.54687	16.95463	24.86913	3.38E-01	0.02189	0.00026	0.07951	0.43962	4.47E-01	0.028949	0.000208	0.049363	5.25E-01	0.517816	0.029262	0.000153	0.054455	0.601686
6029	480598.84	3851378.42	14.50843	20.12692	16.61249	23.85813	3.31E-01	0.02144	0.00025	0.07628	0.42906	4.38E-01	0.028358	0.000203	0.047356	5.14E-01	0.507286	0.028664	0.00015	0.052241	0.588342
6030	480435.71	3851275.01	14.21681	19.11792	15.78723	23.64748	3.24E-01	0.02037	0.00024	0.0756	0.42065	4.29E-01	0.026936	0.000193	0.046938	5.03E-01	0.49709	0.027227	0.000143	0.05178	0.57624
6031	480347.85	3851232.36	14.0154	18.60598	15.16744	23.53727	3.20E-01	0.01982	0.00023	0.07525	0.41514	4.23E-01	0.026215	0.000186	0.046719	4.96E-01	0.490048	0.026498	0.000137	0.051539	0.568221
6032	480260	3851189.72	13.75053	18.2687	14.45417	24.0243	3.14E-01	0.01946	0.00022	0.07681	0.41028	4.15E-01	0.025739	0.000177	0.047686	4.89E-01	0.480787	0.026017	0.000131	0.052605	0.55954
6033	480172.15	3851147.07	13.42821	18.39585	14.10268	24.68272	3.06E-01	0.0196	0.00021	0.07891	0.40516	4.05E-01	0.025919	0.000173	0.048993	4.80E-01	0.469517	0.026198	0.000128	0.054047	0.549889
6034	480084.29	3851104.42	13.07544	18.6458	13.75017	25.10639	2.98E-01	0.01986	0.00021	0.08027	0.39873	3.95E-01	0.026271	0.000168	0.049834	4.71E-01	0.457182	0.026554	0.000124	0.054975	0.538835
6035	479996.44	3851061.77	12.83648	18.80095	13.33931	25.2754	2.93E-01	0.02003	0.0002	0.08081	0.39398	3.87E-01	0.026489	0.000163	0.050169	4.64E-01	0.448827	0.026775	0.000121	0.055345	0.531067

6036	479908.58	3851019.13	12.99319	18.8895	13.34964	25.10716	2.97E-01	0.02012	0.0002	0.08027	0.39711	3.92E-01	0.026614	0.000163	0.049835	4.69E-01	0.454306	0.026901	0.000121	0.054976	0.536305
6037	479820.73	3850976.48	12.79606	18.84516	13.65996	24.71383	2.92E-01	0.02008	0.00021	0.07901	0.39131	3.86E-01	0.026552	0.000167	0.049054	4.62E-01	0.447414	0.026838	0.000124	0.054115	0.52849
6038	479732.88	3850933.83	12.81245	18.71823	13.91088	24.0798	2.92E-01	0.01994	0.00021	0.07698	0.38953	3.87E-01	0.026373	0.00017	0.047796	4.61E-01	0.447987	0.026657	0.000126	0.052727	0.527497
6039	479645.02	3850891.18	12.79402	18.49391	14.03778	23.24723	2.92E-01	0.0197	0.00021	0.07432	0.38621	3.86E-01	0.026057	0.000172	0.046143	4.59E-01	0.447342	0.026338	0.000127	0.050904	0.524711
6040	479557.17	3850848.54	12.8564	18.19891	14.03095	22.75863	2.93E-01	0.01939	0.00021	0.07276	0.38575	3.88E-01	0.025641	0.000172	0.045174	4.59E-01	0.449523	0.025918	0.000127	0.049834	0.525402
6041	479469.32	3850805.89	13.1376	17.83805	14.19983	22.8	3.00E-01	0.019	0.00021	0.07289	0.39192	3.97E-01	0.025133	0.000174	0.045256	4.67E-01	0.459355	0.025404	0.000128	0.049924	0.534812
6042	479381.46	3850763.24	13.11297	17.62235	13.9049	22.83733	2.99E-01	0.01877	0.00021	0.07301	0.39124	3.96E-01	0.024829	0.00017	0.04533	4.66E-01	0.458494	0.025097	0.000126	0.050006	0.533723
6043	479293.61	3850720.59	12.86246	17.49918	13.40671	22.72479	2.94E-01	0.01864	0.0002	0.07265	0.38503	3.88E-01	0.024655	0.000164	0.045106	4.58E-01	0.449735	0.024921	0.000121	0.04976	0.524538
6044	479205.76	3850677.95	12.64743	17.31026	12.97988	22.30622	2.89E-01	0.01844	0.0002	0.07131	0.37858	3.82E-01	0.024389	0.000159	0.044276	4.51E-01	0.442217	0.024652	0.000117	0.048843	0.51583
6045	479117.9	3850635.3	12.3098	17.03759	12.53451	21.68461	2.81E-01	0.01815	0.00019	0.06933	0.36859	3.72E-01	0.024005	0.000153	0.043042	4.39E-01	0.430411	0.024264	0.000113	0.047482	0.502271
6046	479030.05	3850592.65	12.02424	16.71222	12.11616	20.82739	2.74E-01	0.0178	0.00018	0.06659	0.35898	3.63E-01	0.023546	0.000148	0.04134	4.28E-01	0.420427	0.023801	0.00011	0.045605	0.489942
6047	478942.19	3850550	12.02847	16.38476	11.8261	19.81451	2.74E-01	0.01746	0.00018	0.06335	0.35548	3.63E-01	0.023085	0.000145	0.03933	4.26E-01	0.420575	0.023334	0.000107	0.043387	0.487403
6048	478854.34	3850507.36	12.68066	16.02584	12.25674	18.27647	2.89E-01	0.01707	0.00018	0.05843	0.36507	3.83E-01	0.022579	0.00015	0.036277	4.42E-01	0.443379	0.022823	0.000111	0.040019	0.506332
6049	478766.49	3850464.71	12.80704	16.5477	12.23693	16.82423	2.92E-01	0.01763	0.00018	0.05379	0.36387	3.87E-01	0.023315	0.00015	0.033394	4.43E-01	0.447797	0.023566	0.000111	0.036839	0.508314
6050	478678.63	3850422.06	12.70831	16.10519	11.95092	15.43596	2.90E-01	0.01716	0.00018	0.04935	0.3567	3.84E-01	0.022691	0.000146	0.030639	4.37E-01	0.444345	0.022936	0.000108	0.0338	0.501189
6051	478590.78	3850379.41	12.59931	15.63224	11.71414	13.96202	2.88E-01	0.01665	0.00018	0.04464	0.34899	3.80E-01	0.022025	0.000143	0.027713	4.30E-01	0.440534	0.022263	0.000106	0.030572	0.493475
6052	478502.93	3850336.77	12.28321	15.03601	11.71765	13.22693	2.80E-01	0.01602	0.00018	0.04229	0.33879	3.71E-01	0.021185	0.000143	0.026254	4.18E-01	0.429482	0.021413	0.000106	0.028963	0.479964
6053	478415.07	3850294.12	11.83241	14.3927	11.87891	13.65797	2.70E-01	0.01533	0.00018	0.04366	0.3292	3.57E-01	0.020278	0.000145	0.02711	4.05E-01	0.41372	0.020497	0.000107	0.029906	0.464231
6054	478327.22	3850251.47	11.58952	14.53367	12.24402	13.82997	2.64E-01	0.01548	0.00018	0.04421	0.32436	3.50E-01	0.020477	0.00015	0.027451	3.98E-01	0.405227	0.020698	0.000111	0.030283	0.456319
6055	478239.36	3850208.82	11.15674	13.79779	12.47966	13.93539	2.55E-01	0.0147	0.00019	0.04455	0.31405	3.37E-01	0.01944	0.000153	0.02766	3.84E-01	0.390095	0.01965	0.000113	0.030514	0.440372
6056	478151.51	3850166.18	10.79607	13.87819	12.55925	13.97127	2.46E-01	0.01479	0.00019	0.04467	0.30602	3.26E-01	0.019553	0.000154	0.027732	3.73E-01	0.377484	0.019765	0.000114	0.030592	0.427955
6057	478063.66	3850123.53	10.88518	13.89563	12.53754	13.91761	2.48E-01	0.0148	0.00019	0.04449	0.3079	3.29E-01	0.019578	0.000153	0.027625	3.76E-01	0.3806	0.019789	0.000113	0.030475	0.430977
6058	477975.8	3850080.88	10.13897	12.22701	11.31264	14.31941	2.31E-01	0.01303	0.00017	0.04578	0.29036	3.06E-01	0.017227	0.000138	0.028423	3.52E-01	0.354509	0.017413	0.000102	0.031355	0.403379
6059	477887.95	3850038.23	9.936	11.98798	10.87063	14.17669	2.27E-01	0.01277	0.00016	0.04532	0.28501	3.00E-01	0.01689	0.000133	0.028139	3.45E-01	0.347412	0.017073	9.83E-05	0.031042	0.395625
6060	477800.1	3849995.59	9.60258	11.64701	10.307	13.96841	2.19E-01	0.01241	0.00016	0.04466	0.27636	2.90E-01	0.01641	0.000126	0.027726	3.34E-01	0.335754	0.016587	9.32E-05	0.030586	0.38302
6061	477712.24	3849952.94	9.43097	11.64186	10.30266	13.56992	2.15E-01	0.0124	0.00016	0.04338	0.27116	2.85E-01	0.016403	0.000126	0.026935	3.28E-01	0.329753	0.01658	9.32E-05	0.029714	0.37614
6062	477624.39	3849910.29	9.24019	11.65179	10.25823	13.72914	2.11E-01	0.01241	0.00015	0.04389	0.26733	2.79E-01	0.016417	0.000126	0.027251	3.23E-01	0.323083	0.016594	9.28E-05	0.030062	0.369832
6063	477536.54	3849867.64	9.00008	11.60014	10.13396	14.00875	2.05E-01	0.01236	0.00015	0.04479	0.26269	2.72E-01	0.016344	0.000124	0.027806	3.16E-01	0.314687	0.01652	9.17E-05	0.030674	0.361974
6064	477448.68	3849825	9.03348	11.58215	10.11343	14.14302	2.06E-01	0.01234	0.00015	0.04522	0.26386	2.73E-01	0.016319	0.000124	0.028072	3.17E-01	0.315855	0.016495	9.15E-05	0.030968	0.36341
6065	477360.83	3849782.35	9.03697	11.52854	10.05244	14.20588	2.06E-01	0.01228	0.00015	0.04542	0.26408	2.73E-01	0.016243	0.000123	0.028197	3.17E-01	0.315977	0.016418	9.09E-05	0.031106	0.363593
6066	477272.97	3849739.7	9.034	11.45182	9.96355	14.16046	2.06E-01	0.0122	0.00015	0.04527	0.26378	2.73E-01	0.016135	0.000122	0.028107	3.17E-01	0.315873	0.016309	9.01E-05	0.031007	0.363279
6067	477185.12	3849697.05	8.94767	11.32363	9.79171	14.08873	2.04E-01	0.01206	0.00015	0.04504	0.26145	2.70E-01	0.015954	0.00012	0.027965	3.14E-01	0.312855	0.016127	8.86E-05	0.03085	0.359919
6068	477097.27	3849654.41	8.97202	11.24427	9.75151	13.92759	2.05E-01	0.01198	0.00015	0.04453	0.2614	2.71E-01	0.015842	0.000119	0.027645	3.14E-01	0.313706	0.016013	8.82E-05	0.030497	0.360305
6069	477009.41	3849611.76	9.23184	11.28897	10.03874	13.55195	2.11E-01	0.01203	0.00015	0.04333	0.26618	2.79E-01	0.015905	0.000123	0.026899	3.22E-01	0.322791	0.016077	9.08E-05	0.029674	0.368633
6070	476841.49	3849530.08	9.20522	11.03523	9.86222	12.8684	2.10E-01	0.01176	0.00015	0.04114	0.26312	2.78E-01	0.015548	0.000121	0.025542	3.19E-01	0.32186	0.015716	8.92E-05	0.028177	0.365842
6071	476761.41	3849491.05	9.05907	10.83613	9.59668	12.53283	2.07E-01	0.01154	0.00014	0.04007	0.25849	2.73E-01	0.015267	0.000117	0.024876	3.14E-01	0.31675	0.015432	8.68E-05	0.027443	0.359712
6072	476681.34	3849452.02	9.07723	11.31233	9.51869	12.07547	2.07E-01	0.01205	0.00014	0.03861	0.25795	2.74E-01	0.015938	0.000117	0.023969	3.14E-01	0.317385	0.01611	8.61E-05	0.026441	0.360023
6073	476601.26	3849412.99	9.14781	11.25841	9.5308	11.52507	2.09E-01	0.01199	0.00014	0.03685	0.25774	2.76E-01	0.015862	0.000117	0.022876	3.15E-01	0.319853	0.016034	8.62E-05	0.025236	0.361209
6074	476456.32	3849353.67	9.14337	11.30229	10.22418	11.3674	2.09E-01	0.01204	0.00015	0.03634	0.2572	2.76E-01	0.015924	0.000125	0.022563	3.15E-01	0.319697	0.016096	9.25E-05	0.024891	0.360777
6075	476305.43	3849318.84	8.59758	11.27963	9.72243	11.60614	1.96E-01	0.01202	0.00015	0.03711	0.24547	2.59E-01	0.015892	0.000119	0.023037	2.99E-01	0.300614	0.016064	8.8E-05	0.025414	0.342179
6076	476129.36	3849289.99	8.93024	11.87837	10.37757	11.37165	2.04E-01	0.01265	0.00016	0.03636	0.25296	2.70E-01	0.016736	0.000127	0.022572	3.09E-01	0.312245	0.016917	9.39E-05	0.0249	0.354156
6077	476039.31	3849275.68	8.99116	11.92616	10.39506	11.91453	2.05E-01	0.01271	0.00016	0.03809	0.25614	2.71E-01	0.016803	0.000127	0.023649	3.12E-01	0.314375	0.016985	9.4E-05	0.026089	0.357543
6078	475949.26	3849261.38	9.4786	12.28258	11.00074	11.91093	2.16E-01	0.01309	0.00017	0.03808	0.26764	2.86E-01	0.017305	0.000135	0.023642	3.27E-01	0.331419	0.017492	9.95E-05	0.026081	0.375091
6079	475859.21	3849247.08	9.45129	12.14586	10.86566	11.96812	2.16E-01	0.01294	0.00016	0.03826	0.26705	2.85E-01	0.017113	0.000133	0.023755	3.26E-01	0.330464	0.017297	9.83E-05	0.026206	0.374066
6080	475769.16	3849232.77	9.37795	11.93619	10.6812	11.65058	2.14E-01	0.01272	0.00016	0.03725	0.26414	2.83E-01	0.016817	0.000131	0.023125	3.23E-01	0.327899	0.016999	9.66E-05	0.025511	0.370506
6081	475585.23	3849219.27	8.60854	10.6674	9.88498	7.25188	1.96E-01	0.01136	0.00015	0.02318	0.23115	2.60E-01	0.01503	0.000121	0.014394	2.89E-01	0.300997	0.015192	8.94E-05	0.015879	0.332158
6082	475444.5	3849150.35	8.65263	10.6221	9.42871	8.82582	1.97E-01	0.01132	0.00014	0.02822	0.23713	2.61E-01	0.014966	0.000115	0.017518	2.94E-01	0.302539	0.015127	8.53E-05	0.019326	0.337077
6083	475334.18	3849118.71	8.302	10.93559	9.4193	8.56077	1.89E-01	0.01165	0.00014	0.02737	0.22862	2.51E-01	0.015408	0.000115	0.016992	2.83E-01	0.290279	0.015574	8.52E-05	0.018745	0.324683
6084	475230.47	3849060.57	8.2824	10.91138	9.43327	8.29114	1.89E-01	0.01162	0.00014	0.02651	0.22728	2.50E-01	0.015373	0.000115	0.016457	2.82E-01	0.289594	0.015539	8.53E-05	0.018155	0.323373
6085	475110.86	3848960.97	8.0693	10.56802	9.11461	8.35321	1.84E-01	0.01126	0.00014	0.02671	0.22225	2.44E-01	0.01489	0.000112	0.01658	2.75E-01	0.282143	0.01505	8.25E-05	0.018291	0.315566
6086	475037.79	3848896.28	8.06643	10.32444	8.94477	8.25245	1.84E-01	0.011	0.00013	0.02638	0.2216	2.43E-01	0.014546	0.000109	0.01638	2.74E-01	0.282042	0.014704	8.09E-05	0.01807	0.314897
6087	474964.72	3848831.59	8.11782	10.04711	8.77776	8.15201	1.85E-01	0.0107	0.00013	0.02606	0.22215	2.45E-01	0.014156	0.000107	0.016181	2.75E-01	0.283839	0.014309	7.94E-05	0.01785	0.316077
6088	474891.65	3848766.9	8.17766	10.03941	8.93379	8.23415	1.87E-01	0.0107	0.00013	0.02632	0.22378	2.47E-01	0.014145	0.000109	0.016344	2.77E-01	0.285931	0.014298	8.08E-05	0.01803	0.31834
6089	474818.58	3848702.22	8.23636	10.13543	9.07334	8.38791	1.88E-01	0.0108	0.00014	0.02682	0.22571	2.49E-01	0.01428	0.000111	0.016649	2.80E-01	0.287984	0.014434	8.21E-05	0.018367	0.320867
6090	474745.51	3848637.53	8.24837	10.19547	9.08318	8.95543	1.88E-01	0.01086	0.00014	0.02863	0.22786	2.49E-01	0.014365	0.000111	0.017776	2.81E-01	0.288404	0.01452	8.22E-05	0.019609	0.322615
6091	474672.44	3848572.84	8.26608	10.24392	9.14013	9.24046	1.89E-01	0.01091	0.00014	0.02954	0.22923	2.49E-01	0.014433	0.000112	0.018341	2.82E-01	0.289023	0.014589	8.27E-05	0.020234	0.323928
6092	474599.37	3848508.15	8.30364	10.31223	9.28724	9.09303	1.89E-01	0.01099	0.00014	0.02907	0.22969	2.51E-01	0.014529	0.000114	0.018049	2.83E-01	0.290336	0.014686	8.4E-05	0.019911	0.325017
6093	474526.3	3848443.46	8.32308	10.35746	9.37822	9.12622	1.90E-01	0.01103	0.00014	0.02918	0.23029	2.51E-01	0.014593	0.000115	0.018115	2.84E-01	0.291016	0.014751	8.48E-05	0.019983	0.325835

			CO				2028 - RD					2033 - RD					2048 - RD				
			8hr				Rates	2.28E-02	1.07E-03	1.51E-05	3.20E-03	Ra	3.02E-02	1.41E-03	1.22E-05	1.98E-03	Ra	3.50E-02	1.42E-03	9.05E-06	2.19E-03	
			Concentration [ug/m^3] at 1 g/s					Concentration [ug/m^3]					Concentration [ug/m^3]					Concentration [ug/m^3]				
	X	Y	IMF (SLINE	IMF-Idle (F	IMF-Truck	IMF-Truck-Idle (PAREA5)		IMF	IMF-Idle	IMF-Truck	IMF-Truck	Total	IMF	IMF-Idle	IMF-Trucks	IMF-Truck-	Total	IMF	IMF-Idle	IMF-Trucks	IMF-Truck-	Total
1	485973.61	3854936.51	6.4505	12.46482	5.5153	1.25165		1.47E-01	0.01328	8.3E-05	0.004	1.65E-01	1.95E-01	0.017562	6.75E-05	0.002484	2.15E-01	2.26E-01	0.017752	4.99E-05	0.002741	0.246084
2	486023.61	3854936.51	6.11372	11.51808	5.20996	1.23199		1.40E-01	0.01227	7.9E-05	0.00394	0.15581	1.85E-01	0.016228	6.38E-05	0.002445	2.03E-01	0.213766	0.016403	4.71E-05	0.002698	0.232914
3	486073.61	3854936.51	5.90544	10.94167	5.03369	1.21525		1.35E-01	0.01166	7.6E-05	0.00389	0.15038	1.78E-01	0.015416	6.16E-05	0.002412	1.96E-01	0.206483	0.015583	4.55E-05	0.002661	0.224772
4	486123.61	3854936.51	5.42777	9.68225	4.59117	1.18091		1.24E-01	0.01031	6.9E-05	0.00378	0.13803	1.64E-01	0.013642	5.62E-05	0.002344	1.80E-01	0.189782	0.013789	4.15E-05	0.002586	0.206198
5	486173.61	3854936.51	5.39879	9.59007	4.59164	1.17509		1.23E-01	0.01022	6.9E-05	0.00376	0.13725	1.63E-01	0.013512	5.62E-05	0.002332	1.79E-01	0.188768	0.013658	4.15E-05	0.002573	0.205041
6	486223.61	3854936.51	5.12224	8.88605	4.34729	1.15714		1.17E-01	0.00947	6.6E-05	0.0037	0.13013	1.55E-01	0.01252	5.32E-05	0.002297	1.69E-01	0.179099	0.012655	3.93E-05	0.002534	0.194327
7	486273.61	3854936.51	4.9341	8.41636	4.18914	1.1435		1.13E-01	0.00897	6.3E-05	0.00366	0.12529	1.49E-01	0.011858	5.13E-05	0.00227	1.63E-01	0.172521	0.011986	3.79E-05	0.002504	0.187048
8	486323.61	3854936.51	4.77798	8.03267	4.06066	1.13156		1.09E-01	0.00856	6.1E-05	0.00362	0.12127	1.44E-01	0.011318	4.97E-05	0.002246	1.58E-01	0.167062	0.01144	3.67E-05	0.002478	0.181016
9	485973.61	3854986.51	6.70882	13.9051	6.77571	1.33764		1.53E-01	0.01481	0.0001	0.00428	0.17229	2.02E-01	0.019591	8.29E-05	0.002655	2.25E-01	0.234574	0.019803	6.13E-05	0.002929	0.257367
10	486023.61	3854986.51	6.43708	13.1078	6.47438	1.31829		1.47E-01	0.01396	9.8E-05	0.00421	0.16518	1.94E-01	0.018468	7.92E-05	0.002617	2.15E-01	0.225072	0.018667	5.86E-05	0.002887	0.246685
11	486073.61	3854986.51	6.10218	12.15779	6.10747	1.29511		1.39E-01	0.01295	9.2E-05	0.00414	0.15644	1.84E-01	0.01713	7.48E-05	0.002571	2.04E-01	0.213362	0.017314	5.53E-05	0.002836	0.233568
12	486123.61	3854986.51	5.79432	11.31063	5.77208	1.27323		1.32E-01	0.01205	8.7E-05	0.00407	0.14844	1.75E-01	0.015936	7.06E-05	0.002527	1.93E-01	0.202598	0.016108	5.22E-05	0.002788	0.221546
13	486173.61	3854986.51	5.65655	10.91704	5.62284	1.26003		1.29E-01	0.01163	8.5E-05	0.00403	0.14483	1.71E-01	0.015381	6.88E-05	0.002501	1.89E-01	0.197781	0.015547	5.09E-05	0.002759	0.216138
14	486223.61	3854986.51	5.35691	10.1329	5.29783	1.23875		1.22E-01	0.0108	8E-05	0.00396	0.13708	1.62E-01	0.014277	6.48E-05	0.002459	1.78E-01	0.187304	0.014431	4.79E-05	0.002712	0.204495
15	486273.61	3854986.51	5.03326	9.31439	4.94689	1.21639		1.15E-01	0.00992	7.5E-05	0.00389	0.12875	1.52E-01	0.013123	6.05E-05	0.002414	1.68E-01	0.175988	0.013265	4.48E-05	0.002663	0.191961
16	486323.61	3854986.51	5.07256	9.37571	4.98951	1.21272		1.16E-01	0.00999	7.5E-05	0.00388	0.1297	1.53E-01	0.01321	6.11E-05	0.002407	1.69E-01	0.177362	0.013352	4.51E-05	0.002655	0.193415
17	485973.61	3855036.51	6.91255	14.27013	8.0713	1.44789		1.58E-01	0.0152	0.00012	0.00463	0.1777	2.09E-01	0.020106	9.88E-05	0.002874	2.32E-01	0.241697	0.020323	7.3E-05	0.00317	0.265263
18	486023.61	3855036.51	6.59018	13.42106	7.658	1.42123		1.50E-01	0.0143	0.00012	0.00454	0.16935	1.99E-01	0.018909	9.37E-05	0.002821	2.21E-01	0.230425	0.019114	6.93E-05	0.003112	0.25272
19	486073.61	3855036.51	6.17318	12.36951	7.13588	1.39008		1.41E-01	0.01318	0.00011	0.00444	0.15861	1.86E-01	0.017428	8.73E-05	0.002759	2.07E-01	0.215845	0.017616	6.46E-05	0.003044	0.236569
20	486123.61	3855036.51	5.88295	11.74609	6.7654	1.36533		1.34E-01	0.01251	0.0001	0.00436	0.15123	1.78E-01	0.016549	8.28E-05	0.00271	1.97E-01	0.205697	0.016728	6.12E-05	0.00299	0.225476
21	486173.61	3855036.51	5.76113	11.38077	6.59436	1.3495		1.31E-01	0.01212	9.9E-05	0.00431	0.14801	1.74E-01	0.016035	8.07E-05	0.002679	1.93E-01	0.201438	0.016208	5.97E-05	0.002955	0.22066
22	486223.61	3855036.51	5.39161	10.67244	6.13396	1.32092		1.23E-01	0.01137	9.2E-05	0.00422	0.13873	1.63E-01	0.015037	7.51E-05	0.002622	1.80E-01	0.188517	0.015199	5.55E-05	0.002892	0.206664
23	486273.61	3855036.51	5.32686	10.40742	6.03256	1.30843		1.22E-01	0.01109	9.1E-05	0.00418	0.13692	1.61E-01	0.014663	7.38E-05	0.002597	1.78E-01	0.186253	0.014822	5.46E-05	0.002865	0.203995
24	486323.61	3855036.51	5.08716	9.90782	5.72729	1.28682		1.16E-01	0.01056	8.6E-05	0.00411	0.13085	1.54E-01	0.013959	7.01E-05	0.002554	1.70E-01	0.177872	0.01411	5.18E-05	0.002818	0.194852
25	485973.61	3855086.51	7.06237	14.03163	9.095	1.55759		1.61E-01	0.01495	0.00014	0.00498	0.18123	2.13E-01	0.01977	0.000111	0.003092	2.36E-01	0.246935	0.019983	8.23E-05	0.003411	0.270411
26	486023.61	3855086.51	6.80347	13.52272	8.73182	1.52927		1.55E-01	0.01441	0.00013	0.00489	0.17469	2.05E-01	0.019053	0.000107	0.003035	2.28E-01	0.237883	0.019258	7.9E-05	0.003349	0.260569
27	486073.61	3855086.51	6.34603	12.72099	8.11514	1.49065		1.45E-01	0.01355	0.00012	0.00477	0.16326	1.92E-01	0.017923	9.93E-05	0.002959	2.13E-01	0.221889	0.018117	7.34E-05	0.003264	0.243343
28	486123.61	3855086.51	6.13254	12.28286	7.80669	1.46524		1.40E-01	0.01309	0.00012	0.00468	0.15784	1.85E-01	0.017306	9.55E-05	0.002908	2.05E-01	0.214424	0.017493	7.06E-05	0.003208	0.235196
29	486173.61	3855086.51	5.76371	11.62343	7.30405	1.43194		1.32E-01	0.01238	0.00011	0.00458	0.1486	1.74E-01	0.016377	8.94E-05	0.002842	1.93E-01	0.201528	0.016553	6.61E-05	0.003135	0.221283
30	486223.61	3855086.51	5.56446	11.21669	7.01701	1.40748		1.27E-01	0.01195	0.00011	0.0045	0.14354	1.68E-01	0.015804	8.59E-05	0.002794	1.87E-01	0.194561	0.015974	6.35E-05	0.003082	0.213681
31	485973.61	3855136.51	7.3951	14.26626	10.06723	1.66711		1.69E-01	0.0152	0.00015	0.00533	0.18944	2.23E-01	0.0201	0.000123	0.003309	2.47E-01	0.258569	0.020317	9.11E-05	0.00365	0.282628
32	486023.61	3855136.51	7.01961	13.20349	9.53361	1.62722		1.60E-01	0.01407	0.00014	0.0052	0.17961	2.12E-01	0.018603	0.000117	0.00323	2.34E-01	0.24544	0.018804	8.62E-05	0.003563	0.267893
33	486073.61	3855136.51	6.63911	12.1547	8.99167	1.58645		1.52E-01	0.01295	0.00014	0.00507	0.16967	2.00E-01	0.017125	0.00011	0.003149	2.21E-01	0.232136	0.01731	8.13E-05	0.003474	0.253001
34	486123.61	3855136.51	6.32451	11.30471	8.54254	1.54991		1.44E-01	0.01204	0.00013	0.00496	0.16146	1.91E-01	0.015928	0.000105	0.003076	2.10E-01	0.221136	0.0161	7.73E-05	0.003394	0.240707
35	486173.61	3855136.51	5.98181	10.83882	8.0543	1.51228		1.37E-01	0.01155	0.00012	0.00483	0.15301	1.81E-01	0.015271	9.86E-05	0.003002	1.99E-01	0.209154	0.015436	7.29E-05	0.003311	0.227974
36	486223.61	3855136.51	5.70118	10.44766	7.65092	1.47854		1.30E-01	0.01113	0.00012	0.00473	0.14608	1.72E-01	0.01472	9.36E-05	0.002935	1.90E-01	0.199341	0.014879	6.92E-05	0.003238	0.217527
37	485973.61	3855186.51	7.78518	16.98631	10.87245	1.76114		1.78E-01	0.0181	0.00016	0.00563	0.20155	2.35E-01	0.023933	0.000133	0.003496	2.63E-01	0.272208	0.024191	9.84E-05	0.003856	0.300354
38	486023.61	3855186.51	7.40492	16.03514	10.32961	1.71449		1.69E-01	0.01708	0.00016	0.00548	0.19171	2.23E-01	0.022592	0.000126	0.003403	2.50E-01	0.258913	0.022836	9.34E-05	0.003754	0.285597
39	486073.61	3855186.51	6.89798	14.86801	9.61278	1.66256		1.57E-01	0.01584	0.00014	0.00532	0.17872	2.08E-01	0.020948	0.000118	0.0033	2.33E-01	0.241187	0.021174	8.7E-05	0.00364	0.266089
40	486123.61	3855186.51	6.43757	13.76061	8.95412	1.61331		1.47E-01	0.01466	0.00013	0.00516	0.16686	1.94E-01	0.019388	0.00011	0.003202	2.17E-01	0.225089	0.019597	8.1E-05	0.003533	0.2483
41	486173.61	3855186.51	6.11838	12.89413	8.49547	1.57228		1.40E-01	0.01374	0.00013	0.00503	0.15852	1.85E-01	0.018167	0.000104	0.003121	2.06E-01	0.213929	0.018363	7.69E-05	0.003443	0.235812
42	486223.61	3855186.51	5.82112	12.06961	8.06723	1.53337		1.33E-01	0.01286	0.00012	0.0049	0.15072	1.76E-01	0.017005	9.87E-05	0.003044	1.96E-01	0.203535	0.017189	7.3E-05	0.003358	0.224155
43	486273.61	3855186.51	5.50415	11.22085	7.61451	1.49432		1.26E-01	0.01195	0.00011	0.00478	0.14246	1.66E-01	0.015809	9.32E-05	0.002966	1.85E-01	0.192452	0.01598	6.89E-05	0.003272	0.211773
44	486323.61	3855186.51	5.6152	11.10227	7.74943	1.47983		1.28E-01	0.01183	0.00012	0.00473	0.14482	1.69E-01	0.015642	9.48E-05	0.002937	1.88E-01	0.196335	0.015811	7.01E-05	0.00324	0.215457
45	485973.61	3855236.51	8.16986	17.59674	11.5166	1.83779		1.86E-01	0.01875	0.00017	0.00588	0.21124	2.47E-01	0.024793	0.000141	0.003648	2.75E-01	0.285659	0.02506	0.000104	0.004024	0.314847
46	486023.61	3855236.51	7.62373	16.71281	10.74614	1.77837		1.74E-01	0.0178	0.00016	0.00569	0.19763	2.30E-01	0.023547	0.000132	0.00353	2.57E-01	0.266563	0.023801	9.72E-05	0.003894	0.294356
47	486073.61	3855236.51	7.07326	15.76246	9.96365	1.71986		1.61E-01	0.01679	0.00015	0.0055	0.18386	2.13E-01	0.022208	0.000122	0.003414	2.39E-01	0.247316	0.022448	9.01E-05	0.003766	0.27362
48	486123.61	3855236.51	6.68241	14.99923	9.40283	1.67146		1.52E-01	0.01598	0.00014	0.00534	0.17396	2.02E-01	0.021133	0.000115	0.003318	2.26E-01	0.23365	0.021361	8.51E-05	0.00366	0.258756
49	486173.61	3855236.51	6.34163	14.28014	8.91332	1.62682		1.45E-01	0.01521	0.00013	0.0052	0.16527	1.91E-01	0.02012	0.000109	0.003229	2.15E-01	0.221735	0.020337	8.06E-05	0.003562	0.245715
50	486223.61	3855236.51	5.98353	13.50366	8.40437	1.58162		1.37E-01	0.01439	0.00013	0.00506	0.15612	1.81E-01	0.019026	0.000103	0.003139	2.03E-01	0.209214	0.019231	7.6E-05	0.003463	0.231984
51	486273.61	3855236.51	5.46013	12.4213	7.66478	1.52871		1.25E-01	0.01323	0.00012	0.00489	0.14284	1.65E-01	0.017501	9.38E-05	0.003034	1.85E-01	0.190913	0.01769	6.93E-05	0.003347	0.21202
52	486323.61	3855236.51	5.7695	12.7188	8.09293	1.52292		1.32E-01	0.01355	0.00012	0.00487	0.15021	1.74E-01	0.01792	9.91E-05	0.003023	1.95E-01	0.20173	0.018113	7.32E-05	0.003335	0.223252
53	485973.61	3855286.51	8.54581	16.11908	12.08058	1.93013		1.95E-01	0.01717	0.00018	0.00617	0.21855	2.58E-01	0.022711	0.000148	0.003831	2.85E-01	0.298804	0.022956	0.000109	0.004226	0.326095
54	486023.61	3855286.51	7.92521	15.54988	11.19528	1.85455		1.81E-01	0.01657	0.00017	0.00593	0.20352	2.39E-01	0.021909	0.000137	0.003681	2.65E-01	0.277105	0.022145	0.000101	0.004061	0.303412
55	486073.61	3855286.51	7.41954	15.03367	10.47292	1.79136		1.69E-01	0.01602	0.00016	0.00573	0.19122	2.24E-01	0.021181	0.000128	0.003556	2.49E-01	0.259424	0.02141	9.47E-05	0.003922	0.284851
56	486123.61	3855286.51	6.90133	14.43344	9.73624	1.73626		1.57E-01	0.01538	0.00015	0.00555	0.17857	2.08E-01	0.020336	0.000119	0.003446	2.32E-01	0.241305	0.020555	8.81E-05	0.003802	0.26575
57	486173.61	3855286.51	6.46709	13.87272	9.11945	1.69759		1.48E-01	0.01478	0.00014	0.00543	0.16793	1.95E-01	0.019546	0.000112	0.00337	2.18E-01	0.226121	0.019757	8.25E-05	0.003717	0.249678

58	486223.61	3855286.51	6.17769	13.46077	8.71007	1.67139	1.41E-01	0.01434	0.00013	0.00534	0.16079	1.86E-01	0.018965	0.000107	0.003318	2.09E-01	0.216003	0.01917	7.88E-05	0.00366	0.238911
59	486123.61	3855336.51	7.14017	13.85125	10.07618	2.10418	1.63E-01	0.01476	0.00015	0.00673	0.18458	2.15E-01	0.019516	0.000123	0.004177	2.39E-01	0.249656	0.019726	9.12E-05	0.004607	0.27408
60	486173.61	3855336.51	6.76789	12.90723	9.5499	2.05828	1.54E-01	0.01375	0.00014	0.00658	0.17492	2.04E-01	0.018185	0.000117	0.004085	2.27E-01	0.236639	0.018382	8.64E-05	0.004507	0.259614
61	486223.61	3855336.51	6.38173	12.12652	9.00308	2.01186	1.46E-01	0.01292	0.00014	0.00643	0.16512	1.93E-01	0.017085	0.00011	0.003993	2.14E-01	0.223137	0.01727	8.14E-05	0.004405	0.244894
62	486123.61	3855386.51	7.44423	15.24149	10.51159	2.41215	1.70E-01	0.01624	0.00016	0.00771	0.19399	2.25E-01	0.021474	0.000129	0.004788	2.51E-01	0.260287	0.021706	9.51E-05	0.005282	0.28737
63	486173.61	3855386.51	7.03724	14.53542	9.93096	2.3547	1.61E-01	0.01549	0.00015	0.00753	0.18376	2.12E-01	0.020479	0.000122	0.004674	2.38E-01	0.246057	0.020701	8.98E-05	0.005156	0.272003
64	486223.61	3855386.51	6.68608	13.79913	9.43125	2.30341	1.53E-01	0.0147	0.00014	0.00736	0.17479	2.02E-01	0.019442	0.000115	0.004572	2.26E-01	0.233778	0.019652	8.53E-05	0.005044	0.258559
65	486533.18	3855443.15	5.45627	11.19851	7.68286	2.29257	1.25E-01	0.01193	0.00012	0.00733	0.14389	1.65E-01	0.015778	9.4E-05	0.004551	1.85E-01	0.190778	0.015948	6.95E-05	0.00502	0.211816
66	486583.18	3855443.15	5.21489	10.54526	7.34303	2.25311	1.19E-01	0.01123	0.00011	0.0072	0.13756	1.57E-01	0.014858	8.99E-05	0.004472	1.77E-01	0.182338	0.015018	6.64E-05	0.004934	0.202356
67	486633.18	3855443.15	4.98931	9.87997	7.02625	2.21556	1.14E-01	0.01053	0.00011	0.00708	0.13157	1.51E-01	0.01392	8.6E-05	0.004398	1.69E-01	0.174451	0.014071	6.36E-05	0.004851	0.193436
68	486683.18	3855443.15	4.87592	9.52689	6.8699	2.19068	1.11E-01	0.01015	0.0001	0.007	0.12853	1.47E-01	0.013423	8.41E-05	0.004348	1.65E-01	0.170486	0.013568	6.21E-05	0.004797	0.188913
69	486533.18	3855493.15	5.67213	11.79187	7.91366	2.43332	1.29E-01	0.01256	0.00012	0.00778	0.1499	1.71E-01	0.016614	9.69E-05	0.00483	1.93E-01	0.198326	0.016793	7.16E-05	0.005328	0.220519
70	486583.18	3855493.15	5.44198	11.44211	7.61163	2.39537	1.24E-01	0.01219	0.00011	0.00766	0.14415	1.64E-01	0.016121	9.32E-05	0.004755	1.85E-01	0.190279	0.016295	6.89E-05	0.005245	0.211888
71	486633.18	3855493.15	5.22009	11.01659	7.29064	2.35631	1.19E-01	0.01174	0.00011	0.00753	0.13851	1.58E-01	0.015522	8.92E-05	0.004677	1.78E-01	0.18252	0.015689	6.6E-05	0.00516	0.203435
72	486683.18	3855493.15	5.01222	10.55429	6.99899	2.31996	1.14E-01	0.01124	0.00011	0.00742	0.13315	1.51E-01	0.01487	8.57E-05	0.004605	1.71E-01	0.175252	0.015031	6.33E-05	0.00508	0.195426
73	486533.18	3855543.15	6.27689	11.13834	8.25225	2.54613	1.43E-01	0.01187	0.00012	0.00814	0.16337	1.89E-01	0.015693	0.000101	0.005054	2.10E-01	0.219471	0.015863	7.47E-05	0.005575	0.240984
74	486583.18	3855543.15	5.89411	10.99182	7.73974	2.49071	1.35E-01	0.01171	0.00012	0.00796	0.1543	1.78E-01	0.015487	9.47E-05	0.004944	1.98E-01	0.206087	0.015654	7E-05	0.005454	0.227265
75	486633.18	3855543.15	5.60873	10.88617	7.45086	2.45419	1.28E-01	0.0116	0.00011	0.00785	0.14755	1.69E-01	0.015338	9.12E-05	0.004871	1.90E-01	0.196109	0.015503	6.74E-05	0.005374	0.217054
76	486683.18	3855543.15	5.23206	10.60116	6.97565	2.40256	1.19E-01	0.01129	0.00011	0.00768	0.13848	1.58E-01	0.014936	8.54E-05	0.004769	1.78E-01	0.182939	0.015098	6.31E-05	0.005261	0.20336
77	486533.18	3855593.15	6.77401	9.46271	8.47385	2.62199	1.55E-01	0.01008	0.00013	0.00838	0.17318	2.04E-01	0.013332	0.000104	0.005204	2.23E-01	0.236853	0.013476	7.67E-05	0.005741	0.256147
78	486583.18	3855593.15	6.42819	9.59715	8.01125	2.5708	1.47E-01	0.01022	0.00012	0.00822	0.16526	1.94E-01	0.013522	9.81E-05	0.005103	2.13E-01	0.224761	0.013668	7.25E-05	0.005629	0.244131
79	486633.18	3855593.15	6.10768	9.76509	7.62975	2.52648	1.39E-01	0.0104	0.00011	0.00808	0.15798	1.84E-01	0.013758	9.34E-05	0.005015	2.03E-01	0.213555	0.013907	6.9E-05	0.005532	0.233063
80	486683.18	3855593.15	5.8291	10.21202	7.36534	2.49235	1.33E-01	0.01088	0.00011	0.00797	0.15198	1.76E-01	0.014388	9.01E-05	0.004947	1.95E-01	0.203814	0.014543	6.66E-05	0.005457	0.223882
81	486533.18	3855643.15	7.21998	8.61359	8.75271	2.68893	1.65E-01	0.00918	0.00013	0.0086	0.18267	2.18E-01	0.012136	0.000107	0.005337	2.35E-01	0.252446	0.012267	7.92E-05	0.005888	0.27068
82	486583.18	3855643.15	6.8846	9.33395	8.31067	2.63794	1.57E-01	0.00994	0.00013	0.00843	0.17561	2.08E-01	0.013151	0.000102	0.005236	2.26E-01	0.24072	0.013293	7.52E-05	0.005776	0.259864
83	486633.18	3855643.15	6.55546	10.06108	7.89854	2.58945	1.50E-01	0.01072	0.00012	0.00828	0.16872	1.98E-01	0.014175	9.67E-05	0.00514	2.17E-01	0.229211	0.014328	7.15E-05	0.00567	0.249281
84	486683.18	3855643.15	6.25322	10.61955	7.56559	2.54843	1.43E-01	0.01131	0.00011	0.00815	0.16228	1.89E-01	0.014962	9.26E-05	0.005058	2.09E-01	0.218643	0.015124	6.84E-05	0.00558	0.239416
85	486533.18	3855693.15	7.63426	8.49817	9.20326	2.7766	1.74E-01	0.00905	0.00014	0.00888	0.19229	2.30E-01	0.011973	0.000113	0.005511	2.48E-01	0.266931	0.012103	8.33E-05	0.00608	0.285197
86	486583.18	3855693.15	7.20367	9.22579	8.52943	2.69796	1.64E-01	0.00983	0.00013	0.00863	0.18298	2.17E-01	0.012999	0.000104	0.005355	2.36E-01	0.251876	0.013139	7.72E-05	0.005908	0.271
87	486633.18	3855693.15	6.7714	9.9459	7.88735	2.62497	1.55E-01	0.0106	0.00012	0.00839	0.17364	2.04E-01	0.014013	9.65E-05	0.00521	2.24E-01	0.236762	0.014164	7.14E-05	0.005748	0.256745
88	486683.18	3855693.15	6.59159	10.80106	7.7865	2.59949	1.50E-01	0.01151	0.00012	0.00831	0.17036	1.99E-01	0.015218	9.53E-05	0.00516	2.19E-01	0.230475	0.015382	7.04E-05	0.005692	0.251619
89	486733.18	3855693.15	6.50282	11.43068	7.88681	2.59387	1.48E-01	0.01218	0.00012	0.00829	0.16899	1.96E-01	0.016105	9.65E-05	0.005149	2.18E-01	0.227371	0.016279	7.13E-05	0.00568	0.249401
90	486783.18	3855693.15	6.45489	11.56556	8.08325	2.59967	1.47E-01	0.01232	0.00012	0.00831	0.16806	1.95E-01	0.016295	9.89E-05	0.00516	2.16E-01	0.225695	0.016471	7.31E-05	0.005692	0.247931
91	486533.18	3855743.15	7.90441	7.99513	9.83447	2.87842	1.80E-01	0.00852	0.00015	0.0092	0.19825	2.39E-01	0.011265	0.00012	0.005713	2.56E-01	0.276377	0.011386	8.9E-05	0.006303	0.294155
92	486583.18	3855743.15	7.37078	8.78747	8.97769	2.76815	1.68E-01	0.00936	0.00014	0.00885	0.18655	2.22E-01	0.012381	0.00011	0.005494	2.40E-01	0.257719	0.012515	8.12E-05	0.006061	0.276376
93	486633.18	3855743.15	7.02926	9.74845	8.38982	2.69826	1.60E-01	0.01039	0.00013	0.00863	0.17955	2.12E-01	0.013735	0.000103	0.005356	2.31E-01	0.245778	0.013883	7.59E-05	0.005908	0.265645
94	486683.18	3855743.15	6.94767	10.85755	8.21655	2.6769	1.59E-01	0.01157	0.00012	0.00856	0.1788	2.10E-01	0.015298	0.000101	0.005313	2.30E-01	0.242925	0.015463	7.43E-05	0.005862	0.264323
95	486733.18	3855743.15	6.78761	11.53569	8.08206	2.64448	1.55E-01	0.01229	0.00012	0.00845	0.17576	2.05E-01	0.016253	9.89E-05	0.005249	2.26E-01	0.237328	0.016429	7.31E-05	0.005791	0.259621
96	486783.18	3855743.15	6.84166	11.95439	8.41605	2.65767	1.56E-01	0.01274	0.00013	0.0085	0.17749	2.06E-01	0.016843	0.000103	0.005275	2.29E-01	0.239218	0.017025	7.61E-05	0.005819	0.262139
97	486533.18	3855793.15	8.26486	7.91134	10.57505	3.01173	1.89E-01	0.00843	0.00016	0.00963	0.20683	2.49E-01	0.011147	0.000129	0.005978	2.67E-01	0.28898	0.011267	9.57E-05	0.006595	0.306938
98	486583.18	3855793.15	7.62483	7.99491	9.46278	2.85491	1.74E-01	0.00852	0.00014	0.00913	0.19179	2.30E-01	0.011264	0.000116	0.005667	2.47E-01	0.266602	0.011386	8.56E-05	0.006251	0.284325
99	486633.18	3855793.15	7.4092	9.32928	9.23394	2.8175	1.69E-01	0.00994	0.00014	0.00901	0.18817	2.24E-01	0.013144	0.000113	0.005592	2.42E-01	0.259062	0.013286	8.35E-05	0.006169	0.278601
100	486683.18	3855793.15	7.31544	10.65336	9.05476	2.78833	1.67E-01	0.01135	0.00014	0.00891	0.18734	2.21E-01	0.01501	0.000111	0.005535	2.41E-01	0.255784	0.015172	8.19E-05	0.006106	0.277143
101	486733.18	3855793.15	7.22271	11.62833	8.81926	2.75238	1.65E-01	0.01239	0.00013	0.0088	0.18615	2.18E-01	0.016384	0.000108	0.005463	2.40E-01	0.252542	0.01656	7.98E-05	0.006027	0.275209
102	486783.18	3855793.15	7.16814	12.07876	8.68227	2.72791	1.64E-01	0.01287	0.00013	0.00872	0.1853	2.16E-01	0.017018	0.000106	0.005415	2.39E-01	0.250634	0.017202	7.85E-05	0.005973	0.273887
103	486533.18	3855843.15	8.50756	8.10997	11.17495	3.13315	1.94E-01	0.00864	0.00017	0.01002	0.21297	2.57E-01	0.011426	0.000137	0.006219	2.75E-01	0.297466	0.01155	0.000101	0.006861	0.315978
104	486583.18	3855843.15	7.97126	7.79332	10.14443	2.99576	1.82E-01	0.0083	0.00015	0.00958	0.19994	2.41E-01	0.01098	0.000124	0.005946	2.58E-01	0.278715	0.011099	9.18E-05	0.00656	0.296465
105	486633.18	3855843.15	7.777	8.51547	9.99247	2.95408	1.77E-01	0.00907	0.00015	0.00944	0.19614	2.35E-01	0.011998	0.000122	0.005864	2.53E-01	0.271922	0.012127	9.04E-05	0.006468	0.290608
106	486683.18	3855843.15	7.62502	10.03778	9.86509	2.91669	1.74E-01	0.01069	0.00015	0.00932	0.19418	2.30E-01	0.014143	0.000121	0.005789	2.50E-01	0.266608	0.014295	8.92E-05	0.006387	0.287379
107	486733.18	3855843.15	7.6078	11.32283	9.73731	2.88129	1.74E-01	0.01206	0.00015	0.00921	0.19504	2.30E-01	0.015953	0.000119	0.005719	2.51E-01	0.266006	0.016125	8.81E-05	0.006309	0.288529
108	486783.18	3855843.15	7.54968	12.03434	9.56345	2.84307	1.72E-01	0.01282	0.00014	0.00909	0.19434	2.28E-01	0.016956	0.000117	0.005643	2.51E-01	0.263974	0.017139	8.65E-05	0.006225	0.287425
109	486533.18	3855893.15	8.56322	9.394	11.60712	3.22166	1.95E-01	0.01001	0.00017	0.0103	0.2159	2.58E-01	0.013236	0.000142	0.006395	2.78E-01	0.299413	0.013378	0.000105	0.007054	0.31995
110	486583.18	3855893.15	8.35665	8.34891	10.98418	3.16563	1.91E-01	0.00889	0.00017	0.01012	0.20989	2.52E-01	0.011763	0.000134	0.006283	2.70E-01	0.29219	0.01189	9.94E-05	0.006932	0.311111
111	486633.18	3855893.15	8.1162	7.92353	10.7615	3.10817	1.85E-01	0.00844	0.00016	0.00994	0.20376	2.45E-01	0.011164	0.000132	0.006169	2.62E-01	0.283782	0.011284	9.74E-05	0.006806	0.30197
112	486683.18	3855893.15	7.95838	9.136	10.67851	3.06477	1.82E-01	0.00973	0.00016	0.0098	0.20131	2.40E-01	0.012872	0.000131	0.006083	2.59E-01	0.278264	0.013011	9.66E-05	0.006711	0.298083
113	486733.18	3855893.15	7.94318	10.65996	10.57313	3.02334	1.81E-01	0.01136	0.00016	0.00967	0.20245	2.40E-01	0.015019	0.000129	0.006001	2.61E-01	0.277733	0.015181	9.57E-05	0.00662	0.29963
114	486783.18	3855893.15	7.94737	11.73527	10.49179	2.99297	1.81E-01	0.0125	0.00016	0.00957	0.20359	2.40E-01	0.016534	0.000128	0.005941	2.62E-01	0.277879	0.016713	9.49E-05	0.006554	0.301241
115	486533.18	3855943.15	8.84506	10.81362	12.26806	3.37312	2.02E-01	0.01152	0.00018	0.01078	0.22434	2.67E-01	0.015236	0.00015	0.006695	2.89E-01	0.309267	0.0154	0.000111	0.007386	0.332164
116	486583.18	3855943.15	8.7504	9.41153	11.8184	3.34809	2.00E-01	0.01003	0.00018	0.0107	0.2206	2.64E-01	0.01326	0.000145	0.006646	2.84E-01	0.305957	0.013403	0.000107	0.007331	0.326799
117	486633.18	3855943.15	8.45284	8.31748	11.56156	3.27489	1.93E-01	0.00886	0.00017	0.01047	0.21241	2.55E-01	0.011719	0.000142	0.0065	2.73E-01	0.295553	0.011845	0.000105	0.007171	0.314674
118	486683.18	3855943.15	8.38719	8.45214	11.56236	3.2403	1.91E-01	0.009	0.00017	0.01036	0.21094	2.53E-01	0.011909	0.000142	0.006432	2.72E-01	0.293258	0.012037	0.000105	0.007095	0.312494

119	486733.18	3855943.15	8.294	9.78626	11.36912	3.18337	1.89E-01	0.01043	0.00017	0.01018	0.21005	2.50E-01	0.013788	0.000139	0.006319	2.71E-01	0.289999	0.013937	0.000103	0.006971	0.31101
120	486783.18	3855943.15	8.30435	11.14979	11.30259	3.15574	1.90E-01	0.01188	0.00017	0.01009	0.21165	2.51E-01	0.015709	0.000138	0.006264	2.73E-01	0.290361	0.015879	0.000102	0.00691	0.313252
121	486533.18	3855993.15	9.26871	11.93926	13.05383	3.55674	2.12E-01	0.01272	0.0002	0.01137	0.23581	2.80E-01	0.016822	0.00016	0.00706	3.04E-01	0.32408	0.017003	0.000118	0.007788	0.348989
122	486583.18	3855993.15	9.05844	10.58377	12.49186	3.5074	2.07E-01	0.01128	0.00019	0.01121	0.2294	2.73E-01	0.014912	0.000153	0.006962	2.95E-01	0.316728	0.015073	0.000113	0.00768	0.339594
123	486633.18	3855993.15	8.80917	9.1814	12.36247	3.45175	2.01E-01	0.00978	0.00019	0.01104	0.22204	2.66E-01	0.012936	0.000151	0.006851	2.86E-01	0.308012	0.013076	0.000112	0.007558	0.328758
124	486683.18	3855993.15	8.78342	8.90042	12.32944	3.4159	2.00E-01	0.00948	0.00019	0.01092	0.22103	2.65E-01	0.01254	0.000151	0.00678	2.85E-01	0.307112	0.012676	0.000112	0.00748	0.327379
125	486733.18	3855993.15	8.68726	9.03983	12.14062	3.36255	1.98E-01	0.00963	0.00018	0.01075	0.21881	2.62E-01	0.012737	0.000149	0.006674	2.82E-01	0.30375	0.012874	0.00011	0.007363	0.324096
126	486783.18	3855993.15	8.63313	10.37835	11.98792	3.32225	1.97E-01	0.01106	0.00018	0.01062	0.21887	2.61E-01	0.014622	0.000147	0.006594	2.82E-01	0.301857	0.01478	0.000108	0.007275	0.32402
127	486533.18	3856043.15	9.70053	12.70226	13.7726	3.7188	2.21E-01	0.01353	0.00021	0.01189	0.247	2.93E-01	0.017897	0.000169	0.007381	3.18E-01	0.339178	0.01809	0.000125	0.008143	0.365536
128	486583.18	3856043.15	9.50806	11.5389	13.35451	3.68782	2.17E-01	0.01229	0.0002	0.01179	0.24127	2.87E-01	0.016258	0.000163	0.00732	3.11E-01	0.332449	0.016433	0.000121	0.008075	0.357078
129	486633.18	3856043.15	9.24587	10.1307	13.12143	3.62408	2.11E-01	0.01079	0.0002	0.01159	0.23357	2.79E-01	0.014274	0.000161	0.007193	3.01E-01	0.323281	0.014428	0.000119	0.007936	0.345763
130	486683.18	3856043.15	9.2387	9.22064	13.08188	3.59882	2.11E-01	0.00982	0.0002	0.01151	0.23236	2.79E-01	0.012991	0.00016	0.007143	2.99E-01	0.323031	0.013132	0.000118	0.00788	0.344161
131	486733.18	3856043.15	9.08586	9.63658	12.81519	3.53859	2.07E-01	0.01027	0.00019	0.01131	0.22912	2.74E-01	0.013577	0.000157	0.007024	2.95E-01	0.317687	0.013724	0.000116	0.007748	0.339275
132	486783.18	3856043.15	9.09248	9.64169	12.74778	3.51958	2.07E-01	0.01027	0.00019	0.01125	0.22921	2.74E-01	0.013585	0.000156	0.006986	2.95E-01	0.317918	0.013731	0.000115	0.007707	0.339471
133	486533.18	3856093.15	10.29628	13.21559	14.64193	3.97631	2.35E-01	0.01408	0.00022	0.01271	0.26198	3.11E-01	0.01862	0.000179	0.007893	3.37E-01	0.360009	0.018821	0.000132	0.008707	0.387669
134	486583.18	3856093.15	9.99624	12.25502	14.17106	3.87058	2.28E-01	0.01306	0.00021	0.01237	0.25377	3.02E-01	0.017267	0.000173	0.007683	3.27E-01	0.349518	0.017453	0.000128	0.008475	0.375574
135	486633.18	3856093.15	9.7745	10.9298	13.92411	3.78855	2.23E-01	0.01164	0.00021	0.01211	0.24703	2.95E-01	0.015399	0.00017	0.00752	3.18E-01	0.341765	0.015566	0.000126	0.008296	0.365752
136	486683.18	3856093.15	9.73281	9.58691	13.7919	3.76072	2.22E-01	0.01021	0.00021	0.01202	0.24455	2.94E-01	0.013507	0.000169	0.007465	3.15E-01	0.340307	0.013653	0.000125	0.008235	0.36232
137	486733.18	3856093.15	9.6027	10.09394	13.55447	3.71546	2.19E-01	0.01075	0.0002	0.01188	0.24198	2.90E-01	0.014222	0.000166	0.007375	3.12E-01	0.335758	0.014375	0.000123	0.008136	0.358391
138	486783.18	3856093.15	9.54124	10.05892	13.42633	3.69106	2.18E-01	0.01072	0.0002	0.0118	0.24046	2.88E-01	0.014172	0.000164	0.007326	3.10E-01	0.333609	0.014325	0.000121	0.008082	0.356138
139	486533.18	3856143.15	10.92336	13.41678	15.53881	4.22765	2.49E-01	0.01429	0.00023	0.01352	0.27732	3.30E-01	0.018903	0.00019	0.008391	3.57E-01	0.381935	0.019107	0.000141	0.009257	0.41044
140	486583.18	3856143.15	10.50488	12.75019	14.92554	4.11189	2.40E-01	0.01358	0.00022	0.01315	0.26668	3.17E-01	0.017964	0.000183	0.008162	3.43E-01	0.367303	0.018158	0.000135	0.009004	0.394599
141	486633.18	3856143.15	10.4125	11.61775	14.7819	4.03966	2.38E-01	0.01238	0.00022	0.01291	0.26314	3.14E-01	0.016369	0.000181	0.008018	3.39E-01	0.364072	0.016545	0.000134	0.008846	0.389597
142	486683.18	3856143.15	10.29744	10.23652	14.56905	3.95403	2.35E-01	0.01091	0.00022	0.01264	0.25876	3.11E-01	0.014423	0.000178	0.007848	3.33E-01	0.360049	0.014578	0.000132	0.008658	0.383418
143	486733.18	3856143.15	10.15888	10.34815	14.352	3.86715	2.32E-01	0.01102	0.00022	0.01236	0.25544	3.07E-01	0.01458	0.000176	0.007676	3.29E-01	0.355205	0.014737	0.00013	0.008468	0.37854
144	486783.18	3856143.15	10.13141	10.6893	14.3097	3.87636	2.31E-01	0.01139	0.00022	0.01239	0.2552	3.06E-01	0.015061	0.000175	0.007694	3.29E-01	0.354244	0.015223	0.000129	0.008488	0.378085
145	486533.18	3856193.15	11.69672	13.37425	16.62838	4.47196	2.67E-01	0.01425	0.00025	0.0143	0.29572	3.53E-01	0.018843	0.000204	0.008876	3.81E-01	0.408975	0.019047	0.00015	0.009792	0.437965
146	486583.18	3856193.15	11.26905	13.07555	15.96219	4.33606	2.57E-01	0.01393	0.00024	0.01386	0.2852	3.40E-01	0.018423	0.000195	0.008607	3.67E-01	0.394022	0.018621	0.000144	0.009495	0.422282
147	486633.18	3856193.15	11.12194	12.20466	15.76373	4.26967	2.54E-01	0.013	0.00024	0.01365	0.2807	3.36E-01	0.017196	0.000193	0.008475	3.62E-01	0.388878	0.017381	0.000143	0.009349	0.415751
148	486683.18	3856193.15	11.0824	10.91792	15.66432	4.23419	2.53E-01	0.01163	0.00024	0.01354	0.27831	3.34E-01	0.015383	0.000192	0.008404	3.58E-01	0.387495	0.015549	0.000142	0.009271	0.412457
149	486733.18	3856193.15	10.84571	10.42853	15.2935	4.14468	2.48E-01	0.01111	0.00023	0.01325	0.2721	3.27E-01	0.014693	0.000187	0.008227	3.50E-01	0.37922	0.014852	0.000138	0.009075	0.403285
150	486783.18	3856193.15	10.77804	11.12924	15.19695	4.11871	2.46E-01	0.01186	0.00023	0.01317	0.27122	3.25E-01	0.01568	0.000186	0.008175	3.49E-01	0.376854	0.01585	0.000137	0.009019	0.401859
151	486533.18	3856243.15	12.72296	13.4619	17.96105	4.89129	2.90E-01	0.01434	0.00027	0.01564	0.3206	3.84E-01	0.018967	0.00022	0.009709	4.13E-01	0.444858	0.019172	0.000162	0.01071	0.474902
152	486583.18	3856243.15	12.36606	13.19318	17.47245	4.63419	2.82E-01	0.01406	0.00026	0.01482	0.31134	3.73E-01	0.018588	0.000214	0.009198	4.01E-01	0.432379	0.018789	0.000158	0.010147	0.461473
153	486633.18	3856243.15	12.06235	12.67337	17.03024	4.49389	2.75E-01	0.0135	0.00026	0.01437	0.3034	3.64E-01	0.017856	0.000208	0.00892	3.91E-01	0.421759	0.018049	0.000154	0.00984	0.449802
154	486683.18	3856243.15	11.82726	11.54162	16.7778	4.43669	2.70E-01	0.0123	0.00025	0.01418	0.29664	3.57E-01	0.016261	0.000205	0.008806	3.82E-01	0.413539	0.016437	0.000152	0.009715	0.439843
155	486733.18	3856243.15	11.64261	10.35062	16.59791	4.40339	2.66E-01	0.01103	0.00025	0.01408	0.29105	3.51E-01	0.014583	0.000203	0.00874	3.75E-01	0.407083	0.014741	0.00015	0.009642	0.431616
156	486783.18	3856243.15	11.38484	11.38154	16.29541	4.34707	2.60E-01	0.01213	0.00025	0.0139	0.28608	3.44E-01	0.016036	0.000199	0.008628	3.68E-01	0.39807	0.016209	0.000147	0.009519	0.423945
157	486533.18	3856293.15	14.15578	13.41008	20.20659	5.36836	3.23E-01	0.01429	0.0003	0.01716	0.3548	4.27E-01	0.018894	0.000247	0.010656	4.57E-01	0.494956	0.019098	0.000183	0.011755	0.525992
158	486583.18	3856293.15	13.56615	13.59035	19.42406	5.08196	3.10E-01	0.01448	0.00029	0.01625	0.34061	4.09E-01	0.019148	0.000238	0.010087	4.39E-01	0.47434	0.019355	0.000176	0.011128	0.504998
159	486633.18	3856293.15	13.1462	12.96941	18.84356	4.83879	3.00E-01	0.01382	0.00028	0.01547	0.32958	3.97E-01	0.018273	0.000231	0.009604	4.25E-01	0.459656	0.01847	0.00017	0.010595	0.488892
160	486683.18	3856293.15	12.78642	12.11509	18.35284	4.6479	2.92E-01	0.01291	0.00028	0.01486	0.31984	3.86E-01	0.017069	0.000225	0.009226	4.12E-01	0.447076	0.017254	0.000166	0.010177	0.474673
161	486733.18	3856293.15	12.56985	11.24206	18.10485	4.62758	2.87E-01	0.01198	0.00027	0.01479	0.3139	3.79E-01	0.015839	0.000222	0.009185	4.05E-01	0.439504	0.01601	0.000164	0.010133	0.465811
162	486783.18	3856293.15	12.24479	11.5123	17.64663	4.56881	2.79E-01	0.01226	0.00027	0.01461	0.30657	3.70E-01	0.01622	0.000216	0.009069	3.95E-01	0.428138	0.016395	0.00016	0.010004	0.454697
163	486783.18	3856343.15	13.29893	11.73301	19.22026	4.82075	3.03E-01	0.0125	0.00029	0.01541	0.33169	4.01E-01	0.016531	0.000235	0.009569	4.28E-01	0.464996	0.01671	0.000174	0.010556	0.492436
164	486833.18	3856343.15	12.90009	12.3972	18.61549	4.78433	2.94E-01	0.01321	0.00028	0.0153	0.32317	3.89E-01	0.017467	0.000228	0.009496	4.17E-01	0.451051	0.017655	0.000168	0.010476	0.479351
165	486883.18	3856343.15	12.52804	13.3175	18.05564	4.76015	2.86E-01	0.01419	0.00027	0.01522	0.31558	3.78E-01	0.018764	0.000221	0.009448	4.07E-01	0.438042	0.018966	0.000163	0.010423	0.467595
166	486783.18	3856393.15	14.27434	11.88016	20.68586	5.09831	3.26E-01	0.01266	0.00031	0.0163	0.35502	4.31E-01	0.016738	0.000253	0.01012	4.58E-01	0.499101	0.016919	0.000187	0.011164	0.527371
167	486833.18	3856393.15	13.7832	12.9648	19.92673	4.97893	3.15E-01	0.01381	0.0003	0.01592	0.34457	4.16E-01	0.018267	0.000244	0.009883	4.44E-01	0.481929	0.018464	0.00018	0.010902	0.511475
168	486883.18	3856393.15	13.28346	13.31267	19.17302	4.91574	3.03E-01	0.01418	0.00029	0.01572	0.33333	4.01E-01	0.018757	0.000235	0.009757	4.30E-01	0.464455	0.018959	0.000173	0.010764	0.494352
169	487208.74	3856886.11	17.07482	35.0285	24.31357	9.94858	3.90E-01	0.03732	0.00037	0.03181	0.45915	5.15E-01	0.049353	0.000298	0.019747	5.85E-01	0.59702	0.049886	0.00022	0.021784	0.66891
170	487258.74	3856886.11	16.07094	29.01801	22.98414	9.49849	3.67E-01	0.03091	0.00035	0.03037	0.42838	4.85E-01	0.040885	0.000281	0.018854	5.45E-01	0.56192	0.041326	0.000208	0.020799	0.624252
171	487308.74	3856886.11	14.97394	23.33767	21.80055	8.99863	3.42E-01	0.02486	0.00033	0.02877	0.39568	4.52E-01	0.032881	0.000267	0.017861	5.03E-01	0.523563	0.033236	0.000197	0.019704	0.5767
172	487358.74	3856886.11	13.97116	20.67195	20.81339	8.40489	3.19E-01	0.02202	0.00031	0.02687	0.36804	4.22E-01	0.029125	0.000255	0.016683	4.68E-01	0.488501	0.02944	0.000188	0.018404	0.536533
173	487208.74	3856936.11	17.30793	38.58659	26.06319	10.81653	3.95E-01	0.04111	0.00039	0.03458	0.47106	5.22E-01	0.054366	0.000319	0.02147	5.99E-01	0.605171	0.054953	0.000236	0.023685	0.684044
174	487258.74	3856936.11	15.75174	31.52656	24.50379	10.42102	3.59E-01	0.03359	0.00037	0.03332	0.42674	4.75E-01	0.044419	0.0003	0.020685	5.41E-01	0.550759	0.044898	0.000222	0.022819	0.618697
175	487308.74	3856936.11	14.44945	24.99979	23.16292	9.96991	3.30E-01	0.02663	0.00035	0.03187	0.3886	4.36E-01	0.035223	0.000283	0.019789	4.91E-01	0.505224	0.035603	0.00021	0.021831	0.562868
176	487358.74	3856936.11	13.49437	26.8458	22.02998	9.40978	3.08E-01	0.0286	0.00033	0.03008	0.36697	4.07E-01	0.037824	0.00027	0.018677	4.64E-01	0.47183	0.038232	0.000199	0.020604	0.530866
177	487208.74	3856986.11	16.41306	42.45677	28.33258	11.65003	3.75E-01	0.04523	0.00043	0.03725	0.45746	4.95E-01	0.059819	0.000347	0.023124	5.79E-01	0.573882	0.060465	0.000256	0.02551	0.660112
178	487258.74	3856986.11	15.19302	34.28567	26.4143	11.40735	3.47E-01	0.03653	0.0004	0.03647	0.42011	4.59E-01	0.048306	0.000323	0.022642	5.30E-01	0.531223	0.048828	0.000239	0.024978	0.605268
179	487308.74	3856986.11	14.25847	32.92574	24.79911	10.90306	3.25E-01	0.03508	0.00037	0.03486	0.3957	4.30E-01	0.04639	0.000304	0.021641	4.99E-01	0.498547	0.046891	0.000224	0.023874	0.569536

180	487358.74	3856986.11	13.38537	32.94965	22.97933	10.44016	3.05E-01	0.0351	0.00035	0.03338	0.37429	4.04E-01	0.046424	0.000281	0.020723	4.71E-01	0.468019	0.046925	0.000208	0.02286	0.538012
181	487208.74	3857036.11	16.5316	46.87754	31.30809	12.44439	3.77E-01	0.04994	0.00047	0.03979	0.46746	4.99E-01	0.066047	0.000383	0.024701	5.90E-01	0.578026	0.06676	0.000283	0.027249	0.672319
182	487258.74	3857036.11	14.94101	42.29137	28.17297	12.19889	3.41E-01	0.04505	0.00042	0.039	0.42545	4.51E-01	0.059586	0.000345	0.024214	5.35E-01	0.522412	0.060229	0.000255	0.026711	0.609607
183	487308.74	3857036.11	13.48851	39.31063	25.24784	11.92208	3.08E-01	0.04188	0.00038	0.03812	0.38819	4.07E-01	0.055386	0.000309	0.023664	4.86E-01	0.471625	0.055984	0.000228	0.026105	0.553943
184	487358.74	3857036.11	12.66577	37.30892	22.80865	11.45775	2.89E-01	0.03975	0.00034	0.03663	0.36576	3.82E-01	0.052566	0.000279	0.022742	4.58E-01	0.442858	0.053133	0.000206	0.025089	0.521286
185	487427.14	3856878.23	12.76167	22.37984	19.38937	7.78496	2.91E-01	0.02384	0.00029	0.02489	0.34025	3.85E-01	0.031532	0.000237	0.015452	4.32E-01	0.446211	0.031872	0.000175	0.017046	0.495305
186	487477.14	3856878.23	12.01528	23.90387	18.59852	7.71968	2.74E-01	0.02547	0.00028	0.02468	0.32462	3.63E-01	0.033679	0.000228	0.015323	4.12E-01	0.420114	0.034043	0.000168	0.016904	0.471228
187	487527.14	3856878.23	11.3838	25.00129	17.83608	7.60889	2.60E-01	0.02663	0.00027	0.02433	0.31102	3.44E-01	0.035225	0.000218	0.015103	3.94E-01	0.398034	0.035605	0.000161	0.016661	0.450462
188	487427.14	3856928.23	12.49541	27.76644	20.31975	8.51114	2.85E-01	0.02958	0.00031	0.02721	0.34225	3.77E-01	0.039121	0.000249	0.016894	4.33E-01	0.436901	0.039543	0.000184	0.018637	0.495265
189	487477.14	3856928.23	11.92446	28.56226	19.25536	8.11943	2.72E-01	0.03043	0.00029	0.02596	0.3288	3.60E-01	0.040242	0.000236	0.016116	4.16E-01	0.416938	0.040677	0.000174	0.017779	0.475568
190	487527.14	3856928.23	11.38643	28.72594	18.11208	8.05941	2.60E-01	0.0306	0.00027	0.02577	0.31649	3.44E-01	0.040473	0.000222	0.015997	4.00E-01	0.398126	0.04091	0.000164	0.017647	0.456847
191	487577.14	3856928.23	10.8972	28.46443	17.00272	7.9747	2.49E-01	0.03032	0.00026	0.0255	0.30476	3.29E-01	0.040105	0.000208	0.015829	3.85E-01	0.38102	0.040538	0.000154	0.017462	0.439173
192	487627.14	3856928.23	10.48412	27.84502	16.00726	7.80655	2.39E-01	0.02966	0.00024	0.02496	0.29412	3.16E-01	0.039232	0.000196	0.015495	3.71E-01	0.366577	0.039655	0.000145	0.017094	0.423471
193	487677.14	3856928.23	10.06704	26.50251	15.04361	7.72785	2.30E-01	0.02823	0.00023	0.02471	0.28291	3.04E-01	0.03734	0.000184	0.015339	3.57E-01	0.351993	0.037743	0.000136	0.016921	0.406794
194	487727.14	3856928.23	9.69026	24.4511	14.1804	7.64523	2.21E-01	0.02605	0.00021	0.02444	0.27184	2.92E-01	0.03445	0.000174	0.015175	3.42E-01	0.338819	0.034822	0.000128	0.01674	0.39051
195	487777.14	3856928.23	9.36584	21.95471	13.45573	7.53297	2.14E-01	0.02339	0.0002	0.02408	0.26141	2.83E-01	0.030933	0.000165	0.014952	3.29E-01	0.327476	0.031267	0.000122	0.016495	0.375359
196	487427.14	3856978.23	12.48434	32.32931	20.70328	9.44546	2.85E-01	0.03444	0.00031	0.0302	0.34985	3.77E-01	0.04555	0.000253	0.018748	4.41E-01	0.436514	0.046042	0.000187	0.020682	0.503426
197	487477.14	3856978.23	11.85998	31.89941	19.16152	8.85745	2.71E-01	0.03398	0.00029	0.02832	0.33324	3.58E-01	0.044944	0.000235	0.017581	4.21E-01	0.414684	0.045429	0.000173	0.019395	0.479681
198	487527.14	3856978.23	11.31325	31.16934	17.78454	8.53077	2.58E-01	0.03321	0.00027	0.02727	0.31892	3.41E-01	0.043916	0.000218	0.016933	4.03E-01	0.395567	0.04439	0.000161	0.01868	0.458797
199	487577.14	3856978.23	10.83816	30.20547	16.59686	8.443	2.47E-01	0.03218	0.00025	0.02699	0.30676	3.27E-01	0.042558	0.000203	0.016758	3.87E-01	0.378956	0.043017	0.00015	0.018487	0.44061
200	487627.14	3856978.23	10.43028	28.90287	15.60366	8.28152	2.38E-01	0.03079	0.00024	0.02648	0.29553	3.15E-01	0.040722	0.000191	0.016438	3.72E-01	0.364694	0.041162	0.000141	0.018134	0.424131
201	487677.14	3856978.23	10.02015	26.75361	14.67411	8.21956	2.29E-01	0.0285	0.00022	0.02628	0.28367	3.02E-01	0.037694	0.00018	0.016315	3.57E-01	0.350354	0.038101	0.000133	0.017998	0.406586
202	487727.14	3856978.23	9.71476	24.19081	13.96936	7.93962	2.22E-01	0.02577	0.00021	0.02538	0.27306	2.93E-01	0.034083	0.000171	0.015759	3.43E-01	0.339676	0.034451	0.000126	0.017385	0.391639
203	487777.14	3856978.23	9.30042	23.08715	13.2679	8.05714	2.12E-01	0.0246	0.0002	0.02576	0.2628	2.81E-01	0.032528	0.000162	0.015993	3.29E-01	0.325189	0.032879	0.00012	0.017642	0.375831
204	487427.14	3857028.23	11.99951	35.17733	20.21199	10.4964	2.74E-01	0.03748	0.0003	0.03356	0.34518	3.62E-01	0.049563	0.000247	0.020834	4.33E-01	0.419562	0.050098	0.000183	0.022984	0.492826
205	487477.14	3857028.23	11.47178	34.021	18.60307	9.8656	2.62E-01	0.03624	0.00028	0.03154	0.32986	3.46E-01	0.047933	0.000228	0.019582	4.14E-01	0.40111	0.048451	0.000168	0.021602	0.471332
206	487527.14	3857028.23	11.00367	32.81716	17.26519	9.2088	2.51E-01	0.03496	0.00026	0.02944	0.31578	3.32E-01	0.046237	0.000211	0.018279	3.97E-01	0.384743	0.046736	0.000156	0.020164	0.4518
207	487577.14	3857028.23	10.56339	31.30358	16.09732	8.89765	2.41E-01	0.03335	0.00024	0.02845	0.3031	3.19E-01	0.044105	0.000197	0.017661	3.81E-01	0.369348	0.044581	0.000146	0.019483	0.433558
208	487627.14	3857028.23	10.19729	29.3833	15.39581	8.71985	2.33E-01	0.0313	0.00023	0.02788	0.29212	3.08E-01	0.041399	0.000188	0.017308	3.67E-01	0.356548	0.041846	0.000139	0.019094	0.417627
209	487677.14	3857028.23	9.82243	26.57289	14.69734	8.65094	2.24E-01	0.02831	0.00022	0.02766	0.28034	2.96E-01	0.03744	0.00018	0.017171	3.51E-01	0.343441	0.037844	0.000133	0.018943	0.40036
210	487727.14	3857028.23	9.45463	26.57859	14.02257	8.63892	2.16E-01	0.02832	0.00021	0.02762	0.27191	2.85E-01	0.037448	0.000172	0.017147	3.40E-01	0.330581	0.037852	0.000127	0.018916	0.387476
211	487777.14	3857028.23	9.14168	26.62994	13.43389	8.5464	2.09E-01	0.02837	0.0002	0.02732	0.26452	2.76E-01	0.03752	0.000164	0.016964	3.31E-01	0.319638	0.037925	0.000122	0.018714	0.376399
212	487427.14	3857078.23	11.74574	38.19939	19.66145	11.52584	2.68E-01	0.0407	0.0003	0.03685	0.34589	3.54E-01	0.053821	0.000241	0.022878	4.31E-01	0.410689	0.054402	0.000178	0.025238	0.490506
213	487477.14	3857078.23	10.97452	38.14264	18.43501	10.85156	2.50E-01	0.04064	0.00028	0.03469	0.32605	3.31E-01	0.053741	0.000226	0.021539	4.07E-01	0.383723	0.054321	0.000167	0.023761	0.461972
214	487527.14	3857078.23	10.52817	37.80403	17.33338	10.20105	2.40E-01	0.04027	0.00026	0.03261	0.31341	3.18E-01	0.053263	0.000212	0.020248	3.91E-01	0.368117	0.053838	0.000157	0.022337	0.444449
215	487577.14	3857078.23	10.17213	37.42319	16.38191	9.54203	2.32E-01	0.03987	0.00025	0.03051	0.30276	3.07E-01	0.052727	0.000201	0.01894	3.79E-01	0.355668	0.053296	0.000148	0.020894	0.430006
216	487627.14	3857078.23	9.84694	37.06145	15.56109	9.20423	2.25E-01	0.03948	0.00023	0.02943	0.29386	2.97E-01	0.052217	0.00019	0.018269	3.68E-01	0.344298	0.052781	0.000141	0.020154	0.417374
217	487677.14	3857078.23	9.52273	36.5088	14.79056	9.13251	2.17E-01	0.03889	0.00022	0.0292	0.28563	2.87E-01	0.051439	0.000181	0.018127	3.57E-01	0.332962	0.051994	0.000134	0.019997	0.405087
218	487727.14	3857078.23	9.20749	35.86022	14.0825	9.08731	2.10E-01	0.0382	0.00021	0.02905	0.27759	2.78E-01	0.050525	0.000172	0.018037	3.47E-01	0.321939	0.05107	0.000127	0.019898	0.393035
219	487777.14	3857078.23	8.93369	35.3609	13.48042	8.95098	2.04E-01	0.03767	0.0002	0.02862	0.27037	2.70E-01	0.049821	0.000165	0.017767	3.37E-01	0.312366	0.050359	0.000122	0.0196	0.382447
220	487427.14	3857128.23	12.35844	56.31689	20.1902	12.5817	2.82E-01	0.06	0.0003	0.04022	0.38255	3.73E-01	0.079347	0.000247	0.024973	4.78E-01	0.432112	0.080203	0.000183	0.02755	0.540048
221	487477.14	3857128.23	11.62399	54.57118	18.74813	11.87034	2.65E-01	0.05814	0.00028	0.03795	0.36164	3.51E-01	0.076887	0.000229	0.023561	4.52E-01	0.406432	0.077717	0.00017	0.025992	0.510311
222	487527.14	3857128.23	10.95423	52.87514	17.48791	11.14481	2.50E-01	0.05633	0.00026	0.03563	0.34221	3.31E-01	0.074498	0.000214	0.022121	4.27E-01	0.383014	0.075302	0.000158	0.024403	0.482878
223	487577.14	3857128.23	10.3241	51.0722	16.37043	10.47511	2.36E-01	0.05441	0.00025	0.03349	0.32375	3.12E-01	0.071957	0.0002	0.020792	4.05E-01	0.360982	0.072734	0.000148	0.022937	0.456801
224	487627.14	3857128.23	9.74446	49.37272	15.45815	9.84167	2.22E-01	0.0526	0.00023	0.03146	0.30667	2.94E-01	0.069563	0.000189	0.019535	3.83E-01	0.340714	0.070314	0.00014	0.02155	0.432718
225	487677.14	3857128.23	9.2872	47.9955	14.69812	9.53711	2.12E-01	0.05113	0.00022	0.03049	0.29378	2.80E-01	0.067623	0.00018	0.01893	3.67E-01	0.324726	0.068353	0.000133	0.020883	0.414095
226	487727.14	3857128.23	8.99275	46.25951	13.93793	9.55618	2.05E-01	0.04928	0.00021	0.03055	0.28527	2.71E-01	0.065177	0.000171	0.018968	3.56E-01	0.314431	0.06588	0.000126	0.020925	0.401362
227	487777.14	3857128.23	8.74666	45.0073	13.33048	9.41715	2.00E-01	0.04795	0.0002	0.03011	0.27786	2.64E-01	0.063412	0.000163	0.018692	3.46E-01	0.305826	0.064097	0.000121	0.02062	0.390664
228	488049.44	3856539.39	7.95264	11.53427	11.16545	5.83458	1.81E-01	0.01229	0.00017	0.01865	0.2126	2.40E-01	0.016251	0.000137	0.011581	2.68E-01	0.278064	0.016426	0.000101	0.012776	0.307367
229	488099.44	3856539.39	7.76236	12.06908	10.9612	5.74598	1.77E-01	0.01286	0.00017	0.01837	0.20854	2.34E-01	0.017005	0.000134	0.011405	2.63E-01	0.27141	0.017188	9.92E-05	0.012582	0.30128
230	488149.44	3856539.39	7.5683	12.42992	10.75091	5.72181	1.73E-01	0.01324	0.00016	0.01829	0.20441	2.28E-01	0.017513	0.000132	0.011357	2.57E-01	0.264625	0.017702	9.73E-05	0.012529	0.294953
231	488049.44	3856589.39	7.93627	13.18402	11.35334	6.17533	1.81E-01	0.01405	0.00017	0.01974	0.21507	2.40E-01	0.018575	0.000139	0.012257	2.70E-01	0.277491	0.018776	0.000103	0.013522	0.309892
232	488099.44	3856589.39	7.72609	13.48429	11.11927	6.11429	1.76E-01	0.01437	0.00017	0.01955	0.2104	2.33E-01	0.018999	0.000136	0.012136	2.64E-01	0.270142	0.019204	0.000101	0.013388	0.302835
233	488149.44	3856589.39	7.52481	13.54365	10.8743	6.0692	1.72E-01	0.01443	0.00016	0.0194	0.20572	2.27E-01	0.019082	0.000133	0.012047	2.58E-01	0.263105	0.019288	9.84E-05	0.01329	0.295781
234	488199.44	3856589.39	7.34279	13.34349	10.61974	5.97264	1.68E-01	0.01422	0.00016	0.01909	0.20104	2.22E-01	0.0188	0.00013	0.011855	2.52E-01	0.25674	0.019003	9.61E-05	0.013078	0.288917
235	488249.44	3856589.39	7.14527	12.89307	10.33389	6.07491	1.63E-01	0.01374	0.00016	0.01942	0.19637	2.16E-01	0.018166	0.000126	0.012058	2.46E-01	0.249834	0.018362	9.35E-05	0.013302	0.281591
236	488049.44	3856639.39	7.89487	14.55069	11.50632	6.46058	1.80E-01	0.0155	0.00017	0.02065	0.2165	2.38E-01	0.020501	0.000141	0.012824	2.72E-01	0.276044	0.020722	0.000104	0.014147	0.311017
237	488099.44	3856639.39	7.68347	14.50804	11.21364	6.41168	1.75E-01	0.01546	0.00017	0.0205	0.21147	2.32E-01	0.020441	0.000137	0.012727	2.65E-01	0.268652	0.020662	0.000101	0.014039	0.303455
238	488149.44	3856639.39	7.48597	14.18923	10.90659	6.3646	1.71E-01	0.01512	0.00016	0.02035	0.20646	2.26E-01	0.019992	0.000133	0.012633	2.59E-01	0.261747	0.020208	9.87E-05	0.013936	0.295989
239	488199.44	3856639.39	7.28871	13.59963	10.57739	6.38369	1.66E-01	0.01449	0.00016	0.02041	0.20139	2.20E-01	0.019161	0.000129	0.012671	2.52E-01	0.254849	0.019368	9.57E-05	0.013978	0.288291
240	488249.44	3856639.39	7.11326	12.81809	10.24996	6.36482	1.62E-01	0.01366	0.00015	0.02035	0.19649	2.15E-01	0.01806	0.000125	0.012634	2.46E-01	0.248715	0.018255	9.27E-05	0.013937	0.280999

241	488299.44	3856639.39	6.94862	12.2759	9.92427	6.34716		1.59E-01	0.01308	0.00015	0.02029	0.19209		2.10E-01	0.017296	0.000121	0.012598	2.40E-01		0.242958	0.017483	8.98E-05	0.013898	0.274429
242	488349.44	3856639.39	6.80036	12.61741	9.61669	6.27346		1.55E-01	0.01344	0.00014	0.02006	0.18883		2.05E-01	0.017777	0.000118	0.012452	2.36E-01		0.237774	0.017969	8.7E-05	0.013737	0.269567
243	488399.44	3856639.39	6.64269	12.84124	9.30158	6.31792		1.52E-01	0.01368	0.00014	0.0202	0.18561		2.00E-01	0.018092	0.000114	0.01254	2.31E-01		0.232261	0.018288	8.41E-05	0.013834	0.264467
244	488099.44	3856689.39	7.63589	14.98546	11.15886	6.73351		1.74E-01	0.01596	0.00017	0.02153	0.21192		2.30E-01	0.021114	0.000137	0.013365	2.65E-01		0.266988	0.021341	0.000101	0.014744	0.303175
245	488149.44	3856689.39	7.44682	14.28236	10.79224	6.67636		1.70E-01	0.01522	0.00016	0.02134	0.20667		2.25E-01	0.020123	0.000132	0.013252	2.58E-01		0.260378	0.02034	9.76E-05	0.014619	0.295434
246	488199.44	3856689.39	7.26059	13.35202	10.41844	6.69291		1.66E-01	0.01422	0.00016	0.0214	0.20147		2.19E-01	0.018812	0.000128	0.013285	2.51E-01		0.253866	0.019015	9.43E-05	0.014655	0.287631
247	488249.44	3856689.39	7.09725	13.59845	10.07265	6.62103		1.62E-01	0.01449	0.00015	0.02117	0.19777		2.14E-01	0.019159	0.000123	0.013142	2.47E-01		0.248155	0.019366	9.11E-05	0.014498	0.28211
248	488299.44	3856689.39	6.92432	13.81055	9.72102	6.68108		1.58E-01	0.01471	0.00015	0.02136	0.19424		2.09E-01	0.019458	0.000119	0.013261	2.42E-01		0.242108	0.019668	8.79E-05	0.014629	0.276494
249	488349.44	3856689.39	6.77622	13.96439	9.41521	6.61802		1.55E-01	0.01488	0.00014	0.02116	0.19082		2.05E-01	0.019675	0.000115	0.013136	2.37E-01		0.23693	0.019887	8.52E-05	0.014491	0.271394
250	488399.44	3856689.39	6.64607	14.053	9.14946	6.46173		1.52E-01	0.01497	0.00014	0.02066	0.18744		2.01E-01	0.0198	0.000112	0.012826	2.33E-01		0.232379	0.020014	8.28E-05	0.014149	0.266625
251	488099.44	3856739.39	7.6043	14.89296	10.9482	7.0737		1.74E-01	0.01587	0.00016	0.02261	0.21218		2.30E-01	0.020983	0.000134	0.014041	2.65E-01		0.265884	0.02121	9.9E-05	0.015489	0.302682
252	488149.44	3856739.39	7.4237	14.70822	10.5724	6.9616		1.69E-01	0.01567	0.00016	0.02226	0.2075		2.24E-01	0.020723	0.000129	0.013818	2.59E-01		0.259569	0.020947	9.56E-05	0.015244	0.295855
253	488199.44	3856739.39	7.23436	14.8921	10.17608	7.03559		1.65E-01	0.01587	0.00015	0.02249	0.20361		2.18E-01	0.020982	0.000125	0.013965	2.53E-01		0.252949	0.021209	9.21E-05	0.015406	0.289655
254	488249.44	3856739.39	7.07185	15.03279	9.84501	6.95998		1.61E-01	0.01602	0.00015	0.02225	0.1998		2.13E-01	0.02118	0.00012	0.013815	2.49E-01		0.247267	0.021409	8.91E-05	0.01524	0.284005
255	488299.44	3856739.39	6.94186	15.11353	9.56171	6.79022		1.58E-01	0.0161	0.00014	0.02171	0.19637		2.10E-01	0.021294	0.000117	0.013478	2.44E-01		0.242722	0.021524	8.65E-05	0.014868	0.2792
256	488349.44	3856739.39	6.78253	14.99769	9.23895	6.91808		1.55E-01	0.01598	0.00014	0.02212	0.19302		2.05E-01	0.021131	0.000113	0.013732	2.40E-01		0.237151	0.021359	8.36E-05	0.015148	0.273742
257	488399.44	3856739.39	6.64011	14.77875	8.94579	7.01174		1.52E-01	0.01574	0.00013	0.02242	0.18983		2.00E-01	0.020822	0.000109	0.013918	2.35E-01		0.232171	0.021047	8.09E-05	0.015353	0.268652
258	487999.44	3856789.39	8.02776	16.62771	11.63312	7.15825		1.83E-01	0.01771	0.00018	0.02289	0.22397		2.42E-01	0.023427	0.000142	0.014208	2.80E-01		0.28069	0.02368	0.000105	0.015674	0.32015
259	488049.44	3856789.39	7.8326	16.02391	11.16482	7.18406		1.79E-01	0.01707	0.00017	0.02297	0.21895		2.36E-01	0.022577	0.000137	0.01426	2.73E-01		0.273866	0.02282	0.000101	0.015731	0.312519
260	488099.44	3856789.39	7.63524	16.14688	10.70955	7.30226		1.74E-01	0.0172	0.00016	0.02335	0.21495		2.30E-01	0.02275	0.000131	0.014494	2.68E-01		0.266966	0.022996	9.69E-05	0.01599	0.306048
261	488149.44	3856789.39	7.4626	16.24179	10.33739	7.25116		1.70E-01	0.0173	0.00016	0.02318	0.21094		2.25E-01	0.022884	0.000127	0.014393	2.63E-01		0.260929	0.023131	9.35E-05	0.015878	0.300031
262	488199.44	3856789.39	7.28832	16.2152	9.97943	7.27701		1.66E-01	0.01727	0.00015	0.02326	0.20702		2.20E-01	0.022846	0.000122	0.014444	2.57E-01		0.254836	0.023093	9.03E-05	0.015934	0.293953
263	488249.44	3856789.39	7.12993	16.13329	9.67119	7.2291		1.63E-01	0.01719	0.00015	0.02311	0.20316		2.15E-01	0.022731	0.000118	0.014349	2.52E-01		0.249298	0.022976	8.75E-05	0.015829	0.288191
264	488299.44	3856789.39	6.98716	15.98126	9.40683	7.10517		1.59E-01	0.01703	0.00014	0.02272	0.19934		2.11E-01	0.022517	0.000115	0.014103	2.48E-01		0.244306	0.02276	8.51E-05	0.015558	0.282708
265	488349.44	3856789.39	6.82501	15.70138	9.10913	7.24266		1.56E-01	0.01673	0.00014	0.02315	0.19577		2.06E-01	0.022122	0.000111	0.014376	2.43E-01		0.238636	0.022361	8.24E-05	0.015859	0.276939
266	488399.44	3856789.39	6.67941	15.7689	8.91103	7.28593		1.52E-01	0.0168	0.00013	0.02329	0.19266		2.02E-01	0.022217	0.000109	0.014462	2.38E-01		0.233545	0.022457	8.06E-05	0.015954	0.272037
267	487949.44	3856839.39	8.33641	17.59328	11.87405	7.34258		1.90E-01	0.01874	0.00018	0.02347	0.23264		2.52E-01	0.024788	0.000145	0.014574	2.91E-01		0.291482	0.025055	0.000107	0.016078	0.332723
268	487999.44	3856839.39	8.11252	17.67965	11.37893	7.39309		1.85E-01	0.01883	0.00017	0.02364	0.22778		2.45E-01	0.02491	0.000139	0.014675	2.85E-01		0.283654	0.025178	0.000103	0.016188	0.325124
269	488049.44	3856839.39	7.90144	17.67724	10.93929	7.41688		1.80E-01	0.01883	0.00016	0.02371	0.22303		2.38E-01	0.024906	0.000134	0.014722	2.78E-01		0.276273	0.025175	9.9E-05	0.01624	0.317788
270	488099.44	3856839.39	7.69485	17.56968	10.52936	7.48565		1.76E-01	0.01872	0.00016	0.02393	0.21841		2.32E-01	0.024755	0.000129	0.014858	2.72E-01		0.26905	0.025022	9.53E-05	0.016391	0.310558
271	488149.44	3856839.39	7.50373	17.39196	10.16199	7.53737		1.71E-01	0.01853	0.00015	0.0241	0.21402		2.26E-01	0.024504	0.000124	0.014961	2.66E-01		0.262367	0.024769	9.19E-05	0.016504	0.303732
272	488199.44	3856839.39	7.3232	17.13912	9.88933	7.56366		1.67E-01	0.01826	0.00015	0.02418	0.20971		2.21E-01	0.024148	0.000121	0.015013	2.60E-01		0.256055	0.024409	8.95E-05	0.016562	0.297115
273	487949.44	3856889.39	8.39761	19.38572	11.66344	7.52042		1.92E-01	0.02065	0.00018	0.02404	0.23651		2.53E-01	0.027313	0.000143	0.014927	2.96E-01		0.293622	0.027608	0.000106	0.016467	0.337803
274	487999.44	3856889.39	8.14583	19.12724	11.16907	7.69681		1.86E-01	0.02038	0.00017	0.02461	0.23105		2.46E-01	0.026949	0.000137	0.015277	2.88E-01		0.284818	0.02724	0.000101	0.016853	0.329013
275	488049.44	3856889.39	7.94471	18.94908	10.86514	7.62149		1.81E-01	0.02019	0.00016	0.02437	0.22602		2.40E-01	0.026698	0.000133	0.015128	2.82E-01		0.277786	0.026986	9.83E-05	0.016689	0.321559
276	488099.44	3856889.39	7.72803	18.68576	10.56327	7.75045		1.76E-01	0.01991	0.00016	0.02478	0.2212		2.33E-01	0.026327	0.000129	0.015384	2.75E-01		0.27021	0.026611	9.56E-05	0.016971	0.313888
277	488635.86	3857895.05	5.54783	11.8954	8.49206	13.44225		1.27E-01	0.01267	0.00013	0.04298	0.18238		1.67E-01	0.01676	0.000104	0.026681	2.11E-01		0.19398	0.016941	7.68E-05	0.029434	0.240431
278	489137.64	3857804.15	4.55441	12.24397	5.896	8.93885		1.04E-01	0.01304	8.9E-05	0.02858	0.14565		1.37E-01	0.017251	7.22E-05	0.017743	1.73E-01		0.159245	0.017437	5.33E-05	0.019573	0.196308
279	488617.32	3857859.41	5.5947	11.5825	8.62715	13.4784		1.28E-01	0.01234	0.00013	0.04309	0.18324		1.69E-01	0.016319	0.000106	0.026753	2.12E-01		0.195618	0.016495	7.8E-05	0.029513	0.241705
280	488667.32	3857859.41	5.51812	11.25957	8.43492	12.57861		1.26E-01	0.012	0.00013	0.04021	0.17826		1.67E-01	0.015864	0.000103	0.024967	2.07E-01		0.192941	0.016035	7.63E-05	0.027543	0.236595
281	488717.32	3857859.41	5.43807	10.85296	8.22832	12.03687		1.24E-01	0.01156	0.00012	0.03848	0.17427		1.64E-01	0.015291	0.000101	0.023892	2.03E-01		0.190142	0.015456	7.44E-05	0.026357	0.232029
282	488767.32	3857859.41	5.33763	10.79581	7.98135	11.58531		1.22E-01	0.0115	0.00012	0.03704	0.17047		1.61E-01	0.015211	9.77E-05	0.022996	1.99E-01		0.18663	0.015375	7.22E-05	0.025368	0.227445
283	488617.32	3857909.41	5.57476	12.69574	8.49556	13.86018		1.27E-01	0.01353	0.00013	0.04431	0.18519		1.68E-01	0.017887	0.000104	0.027511	2.14E-01		0.194921	0.018081	7.69E-05	0.030349	0.243428
284	488667.32	3857909.41	5.47684	11.62115	8.32676	13.32023		1.25E-01	0.01238	0.00013	0.04259	0.18008		1.65E-01	0.016373	0.000102	0.026439	2.08E-01		0.191497	0.01655	7.53E-05	0.029167	0.23729
285	488717.32	3857909.41	5.41924	10.66371	8.2114	12.66679		1.24E-01	0.01136	0.00012	0.0405	0.17565		1.64E-01	0.015024	0.000101	0.025142	2.04E-01		0.189483	0.015187	7.43E-05	0.027736	0.23248
286	488767.32	3857909.41	5.32755	10.33493	8.02026	12.15768		1.22E-01	0.01101	0.00012	0.03887	0.17158		1.61E-01	0.014561	9.82E-05	0.024132	2.00E-01		0.186277	0.014718	7.26E-05	0.026621	0.22769
287	488417.32	3857959.41	6.23014	16.59287	7.66657	17.63748		1.42E-01	0.01768	0.00012	0.05639	0.21636		1.88E-01	0.023378	9.38E-05	0.035009	2.47E-01		0.217836	0.023631	6.94E-05	0.03862	0.280157
288	488467.32	3857959.41	5.95302	15.99587	7.93378	16.74651		1.36E-01	0.01704	0.00012	0.05354	0.20655		1.80E-01	0.022537	9.71E-05	0.03324	2.36E-01		0.208147	0.02278	7.18E-05	0.036669	0.267669
289	488517.32	3857959.41	5.79787	15.23253	8.08143	15.9296		1.32E-01	0.01623	0.00012	0.05093	0.19959		1.75E-01	0.021462	9.89E-05	0.031619	2.28E-01		0.202722	0.021693	7.31E-05	0.034881	0.259369
290	488567.32	3857959.41	5.67214	14.35666	8.13981	15.16863		1.29E-01	0.01529	0.00012	0.04849	0.19335		1.71E-01	0.020228	9.96E-05	0.030108	2.22E-01		0.198326	0.020446	7.36E-05	0.033214	0.25206
291	488617.32	3857959.41	5.57389	13.52239	8.15055	14.41795		1.27E-01	0.01441	0.00012	0.04609	0.18782		1.68E-01	0.019052	9.98E-05	0.028618	2.16E-01		0.194891	0.019258	7.37E-05	0.03157	0.245793
292	488667.32	3857959.41	5.48651	12.80095	8.11443	13.71849		1.25E-01	0.01364	0.00012	0.04386	0.18282		1.66E-01	0.018036	9.93E-05	0.02723	2.11E-01		0.191836	0.01823	7.34E-05	0.030039	0.240178
293	488717.32	3857959.41	5.3983	11.9652	8.02642	13.09361		1.23E-01	0.01275	0.00012	0.04186	0.17792		1.63E-01	0.016858	9.82E-05	0.025989	2.06E-01		0.188751	0.01704	7.26E-05	0.028671	0.234535
294	488767.32	3857959.41	5.31898	11.10067	7.9222	12.4882		1.21E-01	0.01183	0.00012	0.03993	0.17325		1.61E-01	0.01564	9.7E-05	0.024788	2.01E-01		0.185978	0.015809	7.17E-05	0.027345	0.229203
295	488417.32	3858009.41	6.48326	15.56352	6.68175	17.6665		1.48E-01	0.01658	0.0001	0.05648	0.22111		1.96E-01	0.021928	8.18E-05	0.035066	2.53E-01		0.226687	0.022165	6.04E-05	0.038684	0.287596
296	488467.32	3858009.41	6.13382	15.44491	6.76037	16.70124		1.40E-01	0.01645	0.0001	0.05339	0.20993		1.85E-01	0.021761	8.27E-05	0.03315	2.40E-01		0.214469	0.021996	6.12E-05	0.03657	0.273096
297	488517.32	3858009.41	5.8831	15.11938	7.12137	15.80294		1.34E-01	0.01611	0.00011	0.05052	0.20099		1.78E-01	0.021302	8.72E-05	0.031367	2.30E-01		0.205702	0.021532	6.44E-05	0.034603	0.261902
298	488567.32	3858009.41	5.72299	14.61198	7.3665	15.01401		1.31E-01	0.01557	0.00011	0.048	0.19428		1.73E-01	0.020587	9.02E-05	0.029801	2.23E-01		0.200104	0.02081	6.66E-05	0.032876	0.253856
299	488617.32	3858009.41	5.6087	14.03537	7.54896	14.18029		1.28E-01	0.01495	0.00011	0.04533	0.1884		1.69E-01	0.019775	9.24E-05	0.028146	2.17E-01		0.196108	0.019988	6.83E-05	0.03105	0.247215
300	488667.32	3858009.41	5.50753	13.35463	7.65293	13.45179		1.26E-01	0.01423	0.00012	0.04301	0.18303		1.66E-01	0.018816	9.37E-05	0.0267	2.12E-01		0.19257	0.019019	6.92E-05	0.029455	0.241114
301	488717.32	3858009.41	5.4129	12.63128	7.68427	12.76168		1.24E-01	0.01346	0.00012	0.0408	0.1779		1.63E-01	0.017797	9.4E-05	0.025331	2.07E-01		0.189262	0.017989	6.95E-05	0.027944	0.235264

302	488767.32	3858009.41	5.32564	12.0222	7.66754	12.14465	1.22E-01	0.01281	0.00012	0.03883	0.17329	1.61E-01	0.016939	9.38E-05	0.024106	2.02E-01	0.186211	0.017121	6.94E-05	0.026593	0.229994
303	488417.32	3858059.41	6.58753	14.43135	7.06686	16.87196	1.50E-01	0.01537	0.00011	0.05394	0.21975	1.99E-01	0.020333	8.65E-05	0.033489	2.53E-01	0.230333	0.020552	6.39E-05	0.036944	0.287893
304	488467.32	3858059.41	6.28373	14.34786	6.49631	15.71203	1.43E-01	0.01529	9.8E-05	0.05023	0.20901	1.90E-01	0.020215	7.95E-05	0.031187	2.41E-01	0.21971	0.020433	5.88E-05	0.034404	0.274607
305	488517.32	3858059.41	5.98824	14.18856	6.15074	14.6405	1.37E-01	0.01512	9.3E-05	0.04681	0.19867	1.81E-01	0.019991	7.53E-05	0.02906	2.30E-01	0.209378	0.020207	5.56E-05	0.032058	0.261699
306	488567.32	3858059.41	5.80409	14.09793	6.34159	13.74838	1.32E-01	0.01502	9.6E-05	0.04395	0.19152	1.75E-01	0.019863	7.76E-05	0.027289	2.22E-01	0.20294	0.020078	5.74E-05	0.030104	0.253179
307	488617.32	3858059.41	5.65793	13.84346	6.66515	12.96624	1.29E-01	0.01475	0.0001	0.04145	0.18542	1.71E-01	0.019505	8.16E-05	0.025737	2.16E-01	0.197829	0.019715	6.03E-05	0.028392	0.245996
308	488667.32	3858059.41	5.54593	13.48838	6.92166	12.27512	1.27E-01	0.01437	0.0001	0.03924	0.18028	1.67E-01	0.019004	8.47E-05	0.024365	2.11E-01	0.193913	0.019209	6.26E-05	0.026878	0.240064
309	488417.32	3858109.41	6.70201	12.87021	7.49164	18.0415	1.53E-01	0.01371	0.00011	0.05768	0.22445	2.02E-01	0.018133	9.17E-05	0.03581	2.56E-01	0.234335	0.018329	6.78E-05	0.039505	0.292237
310	488467.32	3858109.41	6.34752	13.27376	6.95881	16.87949	1.45E-01	0.01414	0.0001	0.05396	0.21307	1.92E-01	0.018702	8.52E-05	0.033504	2.44E-01	0.221941	0.018904	6.3E-05	0.03696	0.277868
311	488517.32	3858109.41	6.09432	13.40356	6.32568	15.70819	1.39E-01	0.01428	9.5E-05	0.05022	0.20367	1.84E-01	0.018885	7.74E-05	0.031179	2.34E-01	0.213088	0.019089	5.72E-05	0.034396	0.266629
312	488567.32	3858109.41	5.86489	13.30634	6.03023	14.67648	1.34E-01	0.01418	9.1E-05	0.04692	0.19503	1.77E-01	0.018748	7.38E-05	0.029131	2.25E-01	0.205066	0.01895	5.46E-05	0.032137	0.256207
313	488617.32	3858109.41	5.70399	13.01876	5.69331	13.78003	1.30E-01	0.01387	8.6E-05	0.04406	0.18818	1.72E-01	0.018343	6.97E-05	0.027352	2.18E-01	0.19944	0.018541	5.15E-05	0.030174	0.248205
314	488667.32	3858109.41	5.58822	12.99908	6.01425	12.99031	1.28E-01	0.01385	9.1E-05	0.04153	0.183	1.69E-01	0.018315	7.36E-05	0.025784	2.13E-01	0.195392	0.018513	5.44E-05	0.028444	0.242403
315	488769.93	3858449.27	6.02473	8.5577	5.78127	12.34133	1.37E-01	0.00912	8.7E-05	0.03946	0.18615	1.82E-01	0.012057	7.08E-05	0.024496	2.18E-01	0.210654	0.012187	5.23E-05	0.027023	0.249917
316	488819.93	3858449.27	5.70888	7.96194	5.73044	11.32557	1.30E-01	0.00848	8.6E-05	0.03621	0.17506	1.72E-01	0.011218	7.01E-05	0.02248	2.06E-01	0.199611	0.011339	5.18E-05	0.024799	0.235801
317	488819.93	3858499.27	6.01481	8.39104	5.56715	11.77851	1.37E-01	0.00894	8.4E-05	0.03766	0.18394	1.82E-01	0.011822	6.81E-05	0.023379	2.17E-01	0.210307	0.01195	5.04E-05	0.025791	0.248099
318	488869.93	3858499.27	5.7047	7.87873	5.55237	10.82951	1.30E-01	0.00839	8.4E-05	0.03462	0.17329	1.72E-01	0.011101	6.8E-05	0.021495	2.05E-01	0.199465	0.01122	5.02E-05	0.023713	0.234448
319	488869.93	3858549.27	6.00398	8.21631	5.36313	11.27337	1.37E-01	0.00875	8.1E-05	0.03604	0.18189	1.81E-01	0.011576	6.56E-05	0.022376	2.15E-01	0.209929	0.011701	4.85E-05	0.024685	0.246363
320	489438.17	3859571.48	4.58416	6.18097	3.97346	8.5533	1.05E-01	0.00658	6E-05	0.02735	0.1386	1.38E-01	0.008709	4.86E-05	0.016977	1.64E-01	0.160285	0.008803	3.59E-05	0.018729	0.187852
321	489488.17	3859571.48	4.47555	6.08892	3.88774	8.5048	1.02E-01	0.00649	5.9E-05	0.02719	0.13587	1.35E-01	0.008579	4.76E-05	0.016881	1.61E-01	0.156487	0.008672	3.52E-05	0.018623	0.183817
322	489538.17	3859571.48	4.41937	5.90634	3.75534	8.27797	1.01E-01	0.00629	5.7E-05	0.02646	0.13367	1.33E-01	0.008322	4.6E-05	0.016431	1.58E-01	0.154523	0.008411	3.4E-05	0.018126	0.181094
323	489588.17	3859571.48	4.32326	5.63079	3.57523	7.88713	9.87E-02	0.006	5.4E-05	0.02522	0.12993	1.30E-01	0.007933	4.38E-05	0.015655	1.54E-01	0.151163	0.008019	3.23E-05	0.01727	0.176484
324	489438.17	3859621.48	4.45779	6.02512	3.92653	8.20798	1.02E-01	0.00642	5.9E-05	0.02624	0.13445	1.35E-01	0.008489	4.81E-05	0.016292	1.59E-01	0.155866	0.008581	3.55E-05	0.017973	0.182455
325	489488.17	3859621.48	4.43508	6.02575	3.89036	8.33393	1.01E-01	0.00642	5.9E-05	0.02664	0.13433	1.34E-01	0.00849	4.76E-05	0.016542	1.59E-01	0.155072	0.008582	3.52E-05	0.018249	0.181938
326	489538.17	3859621.48	4.31751	5.94016	3.80894	8.2902	9.85E-02	0.00633	5.7E-05	0.0265	0.13142	1.30E-01	0.008369	4.66E-05	0.016455	1.55E-01	0.150961	0.00846	3.45E-05	0.018153	0.177608
327	489588.17	3859621.48	4.2376	5.77757	3.68783	8.0785	9.67E-02	0.00616	5.6E-05	0.02583	0.12874	1.28E-01	0.00814	4.51E-05	0.016035	1.52E-01	0.148167	0.008228	3.34E-05	0.017689	0.174118
328	489238.17	3859671.48	3.84288	5.07634	3.34784	6.10318	8.77E-02	0.00541	5E-05	0.01951	0.11267	1.16E-01	0.007152	4.1E-05	0.012114	1.35E-01	0.134366	0.007229	3.03E-05	0.013364	0.15499
329	489288.17	3859671.48	3.81715	5.1445	3.52276	6.25348	8.71E-02	0.00548	5.3E-05	0.01999	0.11264	1.15E-01	0.007248	4.31E-05	0.012413	1.35E-01	0.133466	0.007327	3.19E-05	0.013693	0.154518
330	489338.17	3859671.48	3.9725	5.37362	3.66711	6.82783	9.07E-02	0.00572	5.5E-05	0.02183	0.11826	1.20E-01	0.007571	4.49E-05	0.013553	1.41E-01	0.138898	0.007653	3.32E-05	0.014951	0.161535
331	489388.17	3859671.48	4.15104	5.62952	3.77743	7.33213	9.47E-02	0.006	5.7E-05	0.02344	0.12423	1.25E-01	0.007932	4.62E-05	0.014554	1.48E-01	0.145141	0.008017	3.42E-05	0.016055	0.169247
332	489438.17	3859671.48	4.27	5.79547	3.8341	7.73167	9.74E-02	0.00617	5.8E-05	0.02472	0.1284	1.29E-01	0.008165	4.69E-05	0.015347	1.52E-01	0.1493	0.008254	3.47E-05	0.01693	0.174518
333	489488.17	3859671.48	4.33383	5.89884	3.85545	8.00529	9.89E-02	0.00628	5.8E-05	0.02559	0.13084	1.31E-01	0.008311	4.72E-05	0.01589	1.55E-01	0.151532	0.008401	3.49E-05	0.017529	0.177497
334	489538.17	3859671.48	4.31158	5.90765	3.82555	8.12686	9.84E-02	0.00629	5.8E-05	0.02598	0.13073	1.30E-01	0.008324	4.68E-05	0.016131	1.55E-01	0.150754	0.008413	3.46E-05	0.017795	0.176997
335	489588.17	3859671.48	4.20231	5.83496	3.75175	8.08665	9.59E-02	0.00622	5.7E-05	0.02585	0.12803	1.27E-01	0.008221	4.59E-05	0.016051	1.51E-01	0.146934	0.00831	3.39E-05	0.017707	0.172984
336	489238.17	3859721.48	3.7025	4.85254	3.30267	5.77477	8.45E-02	0.00517	5E-05	0.01846	0.10818	1.12E-01	0.006837	4.04E-05	0.011462	1.30E-01	0.129458	0.006911	2.99E-05	0.012645	0.149043
337	489288.17	3859721.48	3.72087	4.96096	3.29222	5.9438	8.49E-02	0.00529	5E-05	0.019	0.10925	1.12E-01	0.00699	4.03E-05	0.011798	1.31E-01	0.1301	0.007065	2.98E-05	0.013015	0.15021
338	489338.17	3859721.48	3.69535	5.02758	3.46534	6.13745	8.43E-02	0.00536	5.2E-05	0.01962	0.10936	1.12E-01	0.007084	4.24E-05	0.012182	1.31E-01	0.129208	0.00716	3.13E-05	0.013439	0.149838
339	489388.17	3859721.48	3.88906	5.28186	3.60436	6.68705	8.88E-02	0.00563	5.4E-05	0.02138	0.11581	1.17E-01	0.007442	4.41E-05	0.013273	1.38E-01	0.135981	0.007522	3.26E-05	0.014642	0.158178
340	489438.17	3859721.48	4.0466	5.50987	3.703	7.16692	9.23E-02	0.00587	5.6E-05	0.02291	0.12119	1.22E-01	0.007763	4.53E-05	0.014226	1.44E-01	0.141489	0.007847	3.35E-05	0.015693	0.165063
341	489488.17	3859721.48	4.1677	5.6906	3.77104	7.55125	9.51E-02	0.00606	5.7E-05	0.02414	0.12537	1.26E-01	0.008018	4.62E-05	0.014988	1.49E-01	0.145723	0.008104	3.41E-05	0.016535	0.170396
342	489538.17	3859721.48	4.22097	5.78596	3.79073	7.81162	9.63E-02	0.00616	5.7E-05	0.02497	0.12752	1.27E-01	0.008152	4.64E-05	0.015505	1.51E-01	0.147586	0.00824	3.43E-05	0.017105	0.172965
343	489588.17	3859721.48	4.19771	5.79887	3.76478	7.92702	9.58E-02	0.00618	5.7E-05	0.02534	0.12737	1.27E-01	0.00817	4.61E-05	0.015734	1.51E-01	0.146773	0.008258	3.41E-05	0.017358	0.172423
344	489238.17	3859771.48	3.56325	4.62514	3.25266	5.56668	8.13E-02	0.00493	4.9E-05	0.0178	0.10409	1.08E-01	0.006517	3.98E-05	0.011049	1.25E-01	0.124589	0.006587	2.94E-05	0.012189	0.143394
345	489288.17	3859771.48	3.60233	4.75563	3.25371	5.64055	8.22E-02	0.00507	4.9E-05	0.01803	0.10536	1.09E-01	0.0067	3.98E-05	0.011196	1.27E-01	0.125955	0.006773	2.94E-05	0.012351	0.145108
346	489338.17	3859771.48	3.58974	4.83681	3.23182	5.78737	8.19E-02	0.00515	4.9E-05	0.0185	0.10562	1.08E-01	0.006815	3.96E-05	0.011487	1.27E-01	0.125515	0.006888	2.92E-05	0.012672	0.145105
347	489388.17	3859771.48	3.61759	4.90514	3.40125	6.02192	8.26E-02	0.00523	5.1E-05	0.01925	0.10709	1.09E-01	0.006911	4.16E-05	0.011953	1.28E-01	0.126489	0.006986	3.08E-05	0.013186	0.146691
348	489438.17	3859771.48	3.7982	5.17553	3.53368	6.5482	8.67E-02	0.00551	5.3E-05	0.02093	0.11318	1.15E-01	0.007292	4.32E-05	0.012997	1.35E-01	0.132804	0.007371	3.2E-05	0.014338	0.154545
349	489488.17	3859771.48	3.96129	5.42145	3.64539	7.01133	9.04E-02	0.00578	5.5E-05	0.02242	0.11865	1.20E-01	0.007638	4.46E-05	0.013917	1.41E-01	0.138506	0.007721	3.3E-05	0.015352	0.161613
350	489538.17	3859771.48	4.07236	5.59531	3.71272	7.37624	9.29E-02	0.00596	5.6E-05	0.02358	0.12253	1.23E-01	0.007883	4.54E-05	0.014641	1.45E-01	0.14239	0.007969	3.36E-05	0.016152	0.166543
351	489588.17	3859771.48	4.11438	5.67838	3.72822	7.62471	9.39E-02	0.00605	5.6E-05	0.02438	0.12438	1.24E-01	0.008	4.56E-05	0.015134	1.47E-01	0.143859	0.008087	3.37E-05	0.016696	0.168675
352	489238.17	3859821.48	3.42543	4.38425	3.16544	5.49369	7.82E-02	0.00467	4.8E-05	0.01756	0.10045	1.03E-01	0.006177	3.87E-05	0.010904	1.21E-01	0.11977	0.006244	2.86E-05	0.012029	0.138072
353	489288.17	3859821.48	3.47579	4.53927	3.20542	5.44577	7.93E-02	0.00484	4.8E-05	0.01741	0.10161	1.05E-01	0.006396	3.92E-05	0.010809	1.22E-01	0.121531	0.006465	2.9E-05	0.011924	0.139949
354	489338.17	3859821.48	3.48979	4.64514	3.19634	5.50548	7.96E-02	0.00495	4.8E-05	0.0176	0.10224	1.05E-01	0.006545	3.91E-05	0.010928	1.23E-01	0.12202	0.006615	2.89E-05	0.012055	0.14072
355	489388.17	3859821.48	3.46427	4.72461	3.17685	5.63675	7.91E-02	0.00503	4.8E-05	0.01802	0.10216	1.05E-01	0.006657	3.89E-05	0.011188	1.22E-01	0.121128	0.006729	2.87E-05	0.012343	0.140228
356	489438.17	3859821.48	3.55184	4.83556	3.34817	5.91179	8.11E-02	0.00515	5E-05	0.0189	0.10516	1.07E-01	0.006813	4.1E-05	0.011734	1.26E-01	0.12419	0.006887	3.03E-05	0.012945	0.144052
357	489488.17	3859821.48	3.73398	5.11444	3.48821	6.41838	8.52E-02	0.00545	5.3E-05	0.02052	0.11123	1.13E-01	0.007206	4.27E-05	0.01274	1.33E-01	0.130558	0.007284	3.16E-05	0.014054	0.151928
358	489538.17	3859821.48	3.88223	5.34361	3.59341	6.85849	8.86E-02	0.00569	5.4E-05	0.02193	0.11627	1.17E-01	0.007529	4.4E-05	0.013613	1.38E-01	0.135742	0.00761	3.25E-05	0.015018	0.158402
359	489588.17	3859821.48	3.97697	5.49536	3.6516	7.20734	9.08E-02	0.00585	5.5E-05	0.02304	0.11971	1.20E-01	0.007743	4.47E-05	0.014306	1.42E-01	0.139055	0.007826	3.3E-05	0.015782	0.162695
360	489238.17	3859871.48	3.29992	4.14174	3.05184	5.36323	7.53E-02	0.00441	4.6E-05	0.01715	0.09691	9.96E-02	0.005835	3.74E-05	0.010645	1.16E-01	0.115382	0.005898	2.76E-05	0.011744	0.133051
361	489288.17	3859871.48	3.34691	4.31004	3.12108	5.39106	7.64E-02	0.00459	4.7E-05	0.01724	0.09825	1.01E-01	0.006073	3.82E-05	0.010701	1.18E-01	0.117025	0.006138	2.82E-05	0.011805	0.134996
362	489338.17	3859871.48	3.37939	4.44399	3.15246	5.32219	7.71E-02	0.00473	4.8E-05	0.01702	0.09892	1.02E-01	0.006261	3.86E-05	0.010564	1.19E-01	0.11816	0.006329	2.85E-05	0.011654	0.136171

363	489388.17	3859871.48	3.3862	4.55524	3.15049	5.37702		7.73E-02	0.00485	4.7E-05	0.01719	0.09937		1.02E-01	0.006418	3.86E-05	0.010673	1.19E-01		0.118398	0.006487	2.85E-05	0.011774	0.136688							
364	489438.17	3859871.48	3.35953	4.65262	3.14097	5.49433		7.67E-02	0.00496	4.7E-05	0.01757	0.09924		1.01E-01	0.006555	3.84E-05	0.010906	1.19E-01		0.117466	0.006626	2.84E-05	0.012031	0.136151							
365	489488.17	3859871.48	3.50765	4.8052	3.31747	5.80282		8.00E-02	0.00512	5E-05	0.01855	0.10377		1.06E-01	0.00677	4.06E-05	0.011518	1.24E-01		0.122645	0.006843	3E-05	0.012706	0.142224							
366	489538.17	3859871.48	3.67031	5.05529	3.44382	6.28839		8.38E-02	0.00539	5.2E-05	0.0201	0.1093		1.11E-01	0.007123	4.21E-05	0.012482	1.30E-01		0.128332	0.007199	3.12E-05	0.013769	0.149332							
367	489588.17	3859871.48	3.80461	5.26637	3.54169	6.70984		8.68E-02	0.00561	5.3E-05	0.02145	0.11394		1.15E-01	0.00742	4.33E-05	0.013318	1.36E-01		0.133028	0.0075	3.2E-05	0.014692	0.155252							
368	489238.17	3859921.48	3.18954	3.90014	2.91739	5.19012		7.28E-02	0.00415	4.4E-05	0.01659	0.09358		9.63E-02	0.005495	3.57E-05	0.010302	1.12E-01		0.111522	0.005554	2.64E-05	0.011365	0.128467							
369	489288.17	3859921.48	3.23905	4.09908	3.02343	5.28415		7.39E-02	0.00437	4.6E-05	0.01689	0.09522		9.78E-02	0.005775	3.7E-05	0.010488	1.14E-01		0.113253	0.005838	2.74E-05	0.011571	0.130689							
370	489338.17	3859921.48	3.27824	4.2561	3.08928	5.29217		7.48E-02	0.00453	4.7E-05	0.01692	0.09631		9.89E-02	0.005997	3.78E-05	0.010504	1.15E-01		0.114623	0.006061	2.79E-05	0.011588	0.132301							
371	489388.17	3859921.48	3.30519	4.39504	3.1271	5.20615		7.54E-02	0.00468	4.7E-05	0.01664	0.0968		9.98E-02	0.006192	3.83E-05	0.010334	1.16E-01		0.115566	0.006259	2.83E-05	0.0114	0.133253							
372	489438.17	3859921.48	3.30469	4.51976	3.13601	5.24909		7.54E-02	0.00482	4.7E-05	0.01678	0.09706		9.97E-02	0.006368	3.84E-05	0.010419	1.17E-01		0.115548	0.006437	2.84E-05	0.011494	0.133507							
373	489488.17	3859921.48	3.26284	4.59361	3.11092	5.3486		7.45E-02	0.00489	4.7E-05	0.0171	0.0965		9.85E-02	0.006472	3.81E-05	0.010616	1.16E-01		0.114085	0.006542	2.81E-05	0.011712	0.132367							
374	489538.17	3859921.48	3.44544	4.7407	3.26796	5.69586		7.86E-02	0.00505	4.9E-05	0.01821	0.10194		1.04E-01	0.006679	4E-05	0.011306	1.22E-01		0.12047	0.006751	2.96E-05	0.012472	0.139723							
375	489588.17	3859921.48	3.61362	5.00367	3.4036	6.16046		8.25E-02	0.00533	5.1E-05	0.0197	0.10754		1.09E-01	0.00705	4.17E-05	0.012228	1.28E-01		0.12635	0.007126	3.08E-05	0.013489	0.146996							
376	489238.17	3859971.48	3.09247	3.68646	2.84393	4.98585		7.06E-02	0.00393	4.3E-05	0.01594	0.09048		9.33E-02	0.005194	3.48E-05	0.009896	1.08E-01		0.108128	0.00525	2.57E-05	0.010917	0.124321							
377	489288.17	3859971.48	3.13026	3.86618	2.89182	5.12761		7.14E-02	0.00412	4.4E-05	0.01639	0.09199		9.45E-02	0.005447	3.54E-05	0.010178	1.10E-01		0.109449	0.005506	2.62E-05	0.011228	0.126209							
378	489338.17	3859971.48	3.17488	4.05307	2.99364	5.20121		7.25E-02	0.00432	4.5E-05	0.01663	0.09344		9.58E-02	0.005711	3.66E-05	0.010324	1.12E-01		0.111009	0.005772	2.71E-05	0.011389	0.128198							
379	489388.17	3859971.48	3.21543	4.2237	3.07083	5.18912		7.34E-02	0.0045	4.6E-05	0.01659	0.09451		9.70E-02	0.005951	3.76E-05	0.0103	1.13E-01		0.112427	0.006015	2.78E-05	0.011362	0.129833							
380	489438.17	3859971.48	3.23567	4.37539	3.119	5.0795		7.38E-02	0.00466	4.7E-05	0.01624	0.09479		9.77E-02	0.006165	3.82E-05	0.010082	1.14E-01		0.113135	0.006231	2.82E-05	0.011122	0.130517							
381	489488.17	3859971.48	3.27652	4.50854	3.13509	5.12007		7.48E-02	0.0048	4.7E-05	0.01637	0.09599		9.89E-02	0.006352	3.84E-05	0.010163	1.15E-01		0.114563	0.006421	2.84E-05	0.011211	0.132224							
382	489538.17	3859971.48	3.30721	4.59105	3.10663	5.27214		7.55E-02	0.00489	4.7E-05	0.01686	0.09727		9.98E-02	0.006468	3.8E-05	0.010465	1.17E-01		0.115636	0.006538	2.81E-05	0.011544	0.133747							
383	489588.17	3859971.48	3.47275	4.76909	3.26961	5.9331		7.93E-02	0.00508	4.9E-05	0.01897	0.10335		1.05E-01	0.006719	4E-05	0.011777	1.23E-01		0.121425	0.006792	2.96E-05	0.012992	0.141237							
384	483577.7	3854071	9.81478	14.3502	11.30976	6.62705		2.24E-01	0.01529	0.00017	0.02119	0.26063		2.96E-01	0.020219	0.000138	0.013154	3.30E-01		0.343173	0.020437	0.000102	0.014511	0.378223							
385	483627.7	3854071	10.10149	13.67519	12.16137	6.89779		2.31E-01	0.01457	0.00018	0.02205	0.26733		3.05E-01	0.019267	0.000149	0.013691	3.38E-01		0.353198	0.019475	0.00011	0.015104	0.387887							
386	483677.7	3854071	10.26707	12.81718	12.6159	7.65578		2.34E-01	0.01365	0.00019	0.02448	0.27262		3.10E-01	0.018059	0.000154	0.015196	3.43E-01		0.358988	0.018254	0.000114	0.016764	0.394119							
387	483727.7	3854071	10.29825	12.80522	12.65264	8.16435		2.35E-01	0.01364	0.00019	0.0261	0.27495		3.11E-01	0.018042	0.000155	0.016205	3.45E-01		0.360078	0.018237	0.000114	0.017877	0.396306							
388	483777.7	3854071	10.20618	12.25926	12.41003	8.16489		2.33E-01	0.01306	0.00019	0.0261	0.27226		3.08E-01	0.017273	0.000152	0.016206	3.42E-01		0.356859	0.017459	0.000112	0.017878	0.392308							
389	483577.7	3854121	9.74059	15.37472	10.57902	6.89861		2.22E-01	0.01638	0.00016	0.02206	0.26088		2.94E-01	0.021662	0.000129	0.013693	3.29E-01		0.340579	0.021896	9.57E-05	0.015106	0.377676							
390	483627.7	3854121	10.18659	15.20242	11.88337	6.36491		2.32E-01	0.0162	0.00018	0.02035	0.26919		3.07E-01	0.021419	0.000145	0.012634	3.42E-01		0.356174	0.02165	0.000108	0.013937	0.391869							
391	483677.7	3854121	10.54769	14.42352	12.86484	6.40238		2.41E-01	0.01537	0.00019	0.02047	0.27674		3.18E-01	0.020322	0.000157	0.012708	3.52E-01		0.368799	0.020541	0.000116	0.014019	0.403476							
392	483727.7	3854121	10.7639	13.81111	13.39421	6.85825		2.46E-01	0.01471	0.0002	0.02193	0.28248		3.25E-01	0.019459	0.000164	0.013613	3.58E-01		0.376359	0.019669	0.000121	0.015017	0.411167							
393	483777.7	3854121	10.80027	13.43671	13.38456	7.25946		2.46E-01	0.01431	0.0002	0.02321	0.2842		3.26E-01	0.018931	0.000164	0.014409	3.59E-01		0.377631	0.019136	0.000121	0.015896	0.412784							
394	483577.7	3854171	9.65271	17.41902	9.58808	7.25397		2.20E-01	0.01856	0.00014	0.02319	0.26218		2.91E-01	0.024542	0.000117	0.014398	3.30E-01		0.337506	0.024807	8.67E-05	0.015884	0.378284							
395	483627.7	3854171	10.24633	16.84802	11.34025	6.54269		2.34E-01	0.01795	0.00017	0.02092	0.27287		3.09E-01	0.023738	0.000139	0.012987	3.46E-01		0.358262	0.023994	0.000103	0.014326	0.396685							
396	483677.7	3854171	10.73591	16.35288	12.75917	5.68807		2.45E-01	0.01742	0.00019	0.01818	0.2808		3.24E-01	0.02304	0.000156	0.01129	3.59E-01		0.37538	0.023289	0.000115	0.012455	0.41124							
397	483727.7	3854171	11.08153	15.1071	13.70071	5.66889		2.53E-01	0.01609	0.00021	0.01812	0.28731		3.34E-01	0.021285	0.000168	0.011252	3.67E-01		0.387465	0.021515	0.000124	0.012413	0.421517							
398	483777.7	3854171	11.26863	14.45928	14.13599	6.16788		2.57E-01	0.0154	0.00021	0.01972	0.2925		3.40E-01	0.020372	0.000173	0.012243	3.73E-01		0.394007	0.020592	0.000128	0.013506	0.428233							
399	483827.7	3854171	11.27743	13.7266	14.13638	6.24953		2.57E-01	0.01462	0.00021	0.01998	0.29218		3.40E-01	0.01934	0.000173	0.012405	3.72E-01		0.394315	0.019549	0.000128	0.013684	0.427676							
400	483877.7	3854171	11.05886	12.44857	13.59229	6.41044		2.52E-01	0.01326	0.0002	0.02049	0.28633		3.34E-01	0.017539	0.000166	0.012724	3.64E-01		0.386672	0.017729	0.000123	0.014037	0.418561							
401	483727.7	3854221	11.2495	17.00296	13.52093	5.40054		2.57E-01	0.01811	0.0002	0.01727	0.29231		3.40E-01	0.023956	0.000165	0.01072	3.74E-01		0.393338	0.024215	0.000122	0.011825	0.429501							
402	483777.7	3854221	11.61704	15.62308	14.49205	5.06609		2.65E-01	0.01664	0.00022	0.0162	0.29817		3.51E-01	0.022012	0.000177	0.010056	3.83E-01		0.406189	0.02225	0.000131	0.011093	0.439663							
403	483827.7	3854221	11.74355	15.01672	14.78215	5.78141		2.68E-01	0.016	0.00022	0.01848	0.3027		3.54E-01	0.021158	0.000181	0.011475	3.87E-01		0.410613	0.021386	0.000134	0.012659	0.444792							
404	483877.7	3854221	11.67821	13.7952	14.64321	5.96465		2.67E-01	0.0147	0.00022	0.01907	0.30049		3.52E-01	0.019437	0.000179	0.011839	3.84E-01		0.408328	0.019646	0.000132	0.013061	0.441167							
405	489150.19	3858726.45	5.37411	6.98291	4.8069	8.83689		1.23E-01	0.00744	7.2E-05	0.02825	0.1584		1.62E-01	0.009838	5.88E-05	0.01754	1.90E-01		0.187905	0.009945	4.35E-05	0.01935	0.217243							
406	489200.19	3858726.45	5.11398	6.5767	4.75417	8.12825		1.17E-01	0.00701	7.2E-05	0.02599	0.14977		1.54E-01	0.009266	5.82E-05	0.016134	1.80E-01		0.17881	0.009366	4.3E-05	0.017798	0.206017							
407	489150.19	3858776.45	5.55915	7.13656	4.62562	9.30854		1.27E-01	0.0076	7E-05	0.02976	0.1643		1.68E-01	0.010055	5.66E-05	0.018476	1.96E-01		0.194375	0.010164	4.18E-05	0.020383	0.224963							
408	489200.19	3858776.45	5.23314	6.87191	4.66207	8.73121		1.19E-01	0.00732	7E-05	0.02791	0.15473		1.58E-01	0.009682	5.71E-05	0.017331	1.85E-01		0.182976	0.009787	4.22E-05	0.019118	0.211924							
409	488919.6	3856400.76	5.56311	9.63627	7.69773	4.99815		1.27E-01	0.01027	0.00012	0.01598	0.15332		1.68E-01	0.013577	9.42E-05	0.009921	1.91E-01		0.194514	0.013723	6.96E-05	0.010944	0.219251							
410	488919.6	3856450.76	5.54683	10.26403	7.55882	5.17388		1.27E-01	0.01093	0.00011	0.01654	0.15417		1.67E-01	0.014461	9.25E-05	0.01027	1.92E-01		0.193945	0.014617	6.84E-05	0.011329	0.21996							
411	488969.6	3856450.76	5.4643	10.16723	7.38428	5.13197		1.25E-01	0.01083	0.00011	0.01641	0.15205		1.65E-01	0.014325	9.04E-05	0.010186	1.90E-01		0.191059	0.01448	6.68E-05	0.011237	0.216843							
412	488919.6	3856500.76	5.53953	10.62683	7.42313	5.35675		1.26E-01	0.01132	0.00011	0.01713	0.15498		1.67E-01	0.014973	9.09E-05	0.010633	1.93E-01		0.193689	0.015134	6.72E-05	0.011729	0.22062							
413	488969.6	3856500.76	5.45333	10.34921	7.25663	5.34879		1.24E-01	0.01103	0.00011	0.0171	0.15268		1.65E-01	0.014581	8.88E-05	0.010617	1.90E-01		0.190675	0.014739	6.56E-05	0.011712	0.217192							
414	488919.6	3856550.76	5.52976	11.21918	7.3132	5.58647		1.26E-01	0.01195	0.00011	0.01786	0.15612		1.67E-01	0.015807	8.95E-05	0.011089	1.94E-01		0.193348	0.015978	6.62E-05	0.012233	0.221624							
415	488969.6	3856550.76	5.442	11.31689	7.16255	5.541		1.24E-01	0.01206	0.00011	0.01771	0.15407		1.64E-01	0.015945	8.77E-05	0.010998	1.91E-01		0.190279	0.016117	6.48E-05	0.012133	0.218594							
416	488819.6	3856600.76	5.69711	12.1066	7.55249	5.81544		1.30E-01	0.0129	0.00011	0.01859	0.16162		1.72E-01	0.017057	9.24E-05	0.011543	2.01E-01		0.199199	0.017242	6.83E-05	0.012734	0.229243							
417	488869.6	3856600.76	5.60114	12.18628	7.39497	5.77598		1.28E-01	0.01298	0.00011	0.01847	0.15938		1.69E-01	0.01717	9.05E-05	0.011465	1.98E-01		0.195844	0.017355	6.69E-05	0.012647	0.225913							
418	488919.6	3856600.76	5.50685	12.18379	7.24422	5.7684		1.26E-01	0.01298	0.00011	0.01844	0.1572		1.66E-01	0.017166	8.87E-05	0.01145	1.95E-01		0.192547	0.017351	6.55E-05	0.012631	0.222595							
419	488819.6	3856650.76	5.7113	13.05589	7.4875	6.02825		1.30E-01	0.01391	0.00011	0.01927	0.16363		1.72E-01	0.018395	9.16E-05	0.011965	2.03E-01		0.199695	0.018593	6.77E-05	0.0132	0.231556							
420	488869.6	3856650.76	5.61489	12.9493	7.34021	5.98164		1.28E-01	0.0138	0.00011	0.01912	0.16117		1.69E-01	0.018245	8.98E-05	0.011873	2.00E-01		0.196324	0.018442	6.64E-05	0.013098	0.22793							
421	488819.6	3856700.76	5.74016	13.54964	7.43117	6.25573		1.31E-01	0.01444	0.00011	0.02	0.16554		1.73E-01	0.019091	9.1E-05	0.012417	2.05E-01		0.200704	0.019297	6.72E-05	0.013698	0.233766							
422	488869.6	3856700.76	5.64971	13.25844	7.28815	6.18853		1.29E-01	0.01412	0.00011	0.01978	0.16295		1.71E-01	0.01868	8.92E-05	0.012284	2.02E-01		0.197542	0.018882	6.59E-05	0.013551	0.23004							
423	488819.6	3856750.76	5.76878	13.56769	7.46844	6.44511		1.32E-01	0.01445	0.00011	0.02061	0.16682		1.74E-01	0.019116	9.14E-05	0.012793	2.06E-01		0.201705	0.019322	6.76E-05	0.014113	0.235208							

424	488869.6	3856750.76	5.67685	13.10001	7.31405	6.41669	1.30E-01	0.01396	0.00011	0.02051	0.16413	1.71E-01	0.018457	8.95E-05	0.012736	2.03E-01	0.198491	0.018656	6.62E-05	0.01405	0.231264
425	488819.6	3857050.76	5.64341	16.81874	7.34372	7.96625	1.29E-01	0.01792	0.00011	0.02547	0.17228	1.70E-01	0.023697	8.99E-05	0.015812	2.10E-01	0.197322	0.023952	6.64E-05	0.017443	0.238784
426	488869.6	3857050.76	5.50381	16.26871	7.17256	7.90654	1.26E-01	0.01733	0.00011	0.02528	0.16832	1.66E-01	0.022922	8.78E-05	0.015694	2.05E-01	0.19244	0.023169	6.49E-05	0.017313	0.232987
427	488919.6	3857050.76	5.3707	15.77796	7.02012	7.82062	1.23E-01	0.01681	0.00011	0.025	0.16448	1.62E-01	0.02223	8.59E-05	0.015523	2.00E-01	0.187786	0.02247	6.35E-05	0.017125	0.227444
428	488819.6	3857100.76	5.50131	18.33057	7.22985	8.19946	1.26E-01	0.01953	0.00011	0.02621	0.1714	1.66E-01	0.025827	8.85E-05	0.016275	2.08E-01	0.192353	0.026105	6.54E-05	0.017954	0.236478
429	488869.6	3857100.76	5.36763	17.74901	7.07798	8.10624	1.22E-01	0.01891	0.00011	0.02592	0.16742	1.62E-01	0.025007	8.66E-05	0.01609	2.03E-01	0.187679	0.025277	6.4E-05	0.01775	0.23077
430	488919.6	3857100.76	5.26586	17.16764	6.92974	8.04605	1.20E-01	0.01829	0.0001	0.02572	0.16429	1.59E-01	0.024188	8.48E-05	0.015971	1.99E-01	0.18412	0.024449	6.27E-05	0.017618	0.226251
431	488819.6	3857150.76	5.42891	19.82012	7.04854	8.43471	1.24E-01	0.02112	0.00011	0.02697	0.17208	1.64E-01	0.027925	8.63E-05	0.016742	2.09E-01	0.189822	0.028227	6.38E-05	0.018469	0.236581
432	488869.6	3857150.76	5.34227	19.13004	6.90609	8.3559	1.22E-01	0.02038	0.0001	0.02671	0.16911	1.61E-01	0.026953	8.45E-05	0.016586	2.05E-01	0.186792	0.027244	6.25E-05	0.018297	0.232395
433	488919.6	3857150.76	5.26089	18.49496	6.7782	8.26417	1.20E-01	0.0197	0.0001	0.02642	0.16628	1.59E-01	0.026058	8.3E-05	0.016404	2.01E-01	0.183947	0.02634	6.13E-05	0.018096	0.228443
434	488969.6	3857150.76	5.18036	17.88481	6.65606	8.1809	1.18E-01	0.01905	0.0001	0.02615	0.16353	1.56E-01	0.025199	8.15E-05	0.016238	1.98E-01	0.181131	0.025471	6.02E-05	0.017913	0.224575
435	488819.6	3857200.76	5.37661	20.97573	6.94428	8.70684	1.23E-01	0.02235	0.0001	0.02784	0.17299	1.62E-01	0.029553	8.5E-05	0.017282	2.09E-01	0.187993	0.029873	6.28E-05	0.019065	0.236993
436	488869.6	3857200.76	5.29431	20.19269	6.79923	8.63816	1.21E-01	0.02151	0.0001	0.02762	0.17005	1.60E-01	0.02845	8.32E-05	0.017146	2.05E-01	0.185115	0.028757	6.15E-05	0.018915	0.232849
437	488919.6	3857200.76	5.2179	19.4753	6.66276	8.54247	1.19E-01	0.02075	0.0001	0.02731	0.16724	1.57E-01	0.027439	8.15E-05	0.016956	2.02E-01	0.182444	0.027736	6.03E-05	0.018705	0.228945
438	488969.6	3857200.76	5.14756	18.82098	6.53479	8.41939	1.17E-01	0.02005	9.8E-05	0.02692	0.16454	1.55E-01	0.026518	8E-05	0.016712	1.99E-01	0.179984	0.026804	5.91E-05	0.018436	0.225283
439	488819.6	3857250.76	5.29917	21.54845	6.9283	8.97519	1.21E-01	0.02296	0.0001	0.02869	0.17269	1.60E-01	0.03036	8.48E-05	0.017815	2.08E-01	0.185285	0.030688	6.27E-05	0.019653	0.235689
440	488869.6	3857250.76	5.22529	20.73358	6.78503	8.88332	1.19E-01	0.02209	0.0001	0.0284	0.16984	1.58E-01	0.029212	8.3E-05	0.017632	2.05E-01	0.182702	0.029528	6.14E-05	0.019452	0.231743
441	488919.6	3857250.76	5.15349	19.97059	6.64587	8.78487	1.18E-01	0.02128	0.0001	0.02809	0.16707	1.56E-01	0.028137	8.13E-05	0.017437	2.01E-01	0.180191	0.028441	6.01E-05	0.019236	0.227929
442	488969.6	3857250.76	5.08358	19.25947	6.51144	8.67887	1.16E-01	0.02052	9.8E-05	0.02775	0.16437	1.53E-01	0.027135	7.97E-05	0.017227	1.98E-01	0.177747	0.027428	5.89E-05	0.019004	0.224238
443	488819.6	3857300.76	5.19892	21.3033	6.82062	9.28031	1.19E-01	0.0227	0.0001	0.02967	0.17111	1.57E-01	0.030015	8.35E-05	0.01842	2.05E-01	0.18178	0.030339	6.17E-05	0.020321	0.232501
444	488869.6	3857300.76	5.12939	20.51197	6.68278	9.17014	1.17E-01	0.02185	0.0001	0.02932	0.16833	1.55E-01	0.0289	8.18E-05	0.018202	2.02E-01	0.179349	0.029212	6.05E-05	0.02008	0.228701
445	488919.6	3857300.76	5.0568	19.75166	6.54523	9.07497	1.15E-01	0.02104	9.9E-05	0.02901	0.16555	1.53E-01	0.027829	8.01E-05	0.018013	1.99E-01	0.176811	0.028129	5.92E-05	0.019871	0.22487
446	488819.6	3857450.76	5.1152	15.60489	6.02285	10.19368	1.17E-01	0.01662	9.1E-05	0.03259	0.16604	1.54E-01	0.021986	7.37E-05	0.020233	1.97E-01	0.178853	0.022224	5.45E-05	0.022321	0.223452
447	488869.6	3857450.76	5.03189	15.03516	5.94956	10.02638	1.15E-01	0.01602	9E-05	0.03205	0.16299	1.52E-01	0.021184	7.28E-05	0.019901	1.93E-01	0.17594	0.021412	5.38E-05	0.021954	0.21936
448	488919.6	3857450.76	4.95175	14.58888	5.86005	9.92665	1.13E-01	0.01554	8.8E-05	0.03174	0.16037	1.49E-01	0.020555	7.17E-05	0.019703	1.90E-01	0.173138	0.020777	5.3E-05	0.021736	0.215703
449	488819.6	3857500.76	5.08441	16.99639	5.96108	10.47868	1.16E-01	0.01811	9E-05	0.0335	0.16773	1.53E-01	0.023947	7.3E-05	0.020799	1.98E-01	0.177776	0.024205	5.39E-05	0.022945	0.22498
450	488869.6	3857500.76	5.00966	16.34146	5.75456	10.34987	1.14E-01	0.01741	8.7E-05	0.03309	0.16491	1.51E-01	0.023024	7.04E-05	0.020543	1.95E-01	0.175162	0.023273	5.21E-05	0.022663	0.22115
451	488919.6	3857500.76	4.93484	15.71248	5.63471	10.21963	1.13E-01	0.01674	8.5E-05	0.03267	0.16211	1.49E-01	0.022138	6.9E-05	0.020285	1.91E-01	0.172546	0.022377	5.1E-05	0.022378	0.217352
452	488819.6	3857550.76	5.14006	17.24298	6.1545	10.81316	1.17E-01	0.01837	9.3E-05	0.03457	0.17033	1.55E-01	0.024294	7.53E-05	0.021463	2.01E-01	0.179722	0.024557	5.57E-05	0.023677	0.228011
453	488869.6	3857550.76	5.01463	16.72084	5.94804	10.6476	1.14E-01	0.01781	9E-05	0.03404	0.16638	1.51E-01	0.023559	7.28E-05	0.021134	1.96E-01	0.175336	0.023813	5.38E-05	0.023315	0.222518
454	488919.6	3857550.76	4.88447	16.17854	5.7405	10.51713	1.11E-01	0.01724	8.7E-05	0.03362	0.16241	1.47E-01	0.022795	7.03E-05	0.020875	1.91E-01	0.170785	0.023041	5.19E-05	0.023029	0.216907
455	489663.71	3860900.05	1.97901	2.80801	2.03543	3.22856	4.52E-02	0.00299	3.1E-05	0.01032	0.05851	5.97E-02	0.003956	2.49E-05	0.006408	7.01E-02	0.069196	0.003999	1.84E-05	0.007069	0.080283
456	489813.71	3860900.05	1.94393	2.37956	2.21521	3.17762	4.44E-02	0.00254	3.3E-05	0.01016	0.05709	5.87E-02	0.003353	2.71E-05	0.006307	6.84E-02	0.067969	0.003389	2E-05	0.006958	0.078336
457	489863.71	3860900.05	1.95315	2.35613	2.22905	3.35417	4.46E-02	0.00251	3.4E-05	0.01072	0.05784	5.89E-02	0.00332	2.73E-05	0.006658	6.90E-02	0.068292	0.003355	2.02E-05	0.007345	0.079012
458	489913.71	3860900.05	1.99127	2.47661	2.22762	3.51681	4.54E-02	0.00264	3.4E-05	0.01124	0.05936	6.01E-02	0.003489	2.73E-05	0.006981	7.06E-02	0.069625	0.003527	2.02E-05	0.007701	0.080872
459	489963.71	3860900.05	2.00893	2.57082	2.19595	3.64567	4.58E-02	0.00274	3.3E-05	0.01166	0.06027	6.06E-02	0.003622	2.69E-05	0.007236	7.15E-02	0.070242	0.003661	1.99E-05	0.007983	0.081906
460	490013.71	3860900.05	2.0197	2.65272	2.15024	3.74848	4.61E-02	0.00283	3.2E-05	0.01198	0.06093	6.10E-02	0.003738	2.63E-05	0.00744	7.22E-02	0.070619	0.003778	1.95E-05	0.008208	0.082624
461	490063.71	3860900.05	2.01099	2.70186	2.08029	3.80866	4.59E-02	0.00288	3.1E-05	0.01218	0.06098	6.07E-02	0.003807	2.55E-05	0.00756	7.21E-02	0.070314	0.003848	1.88E-05	0.00834	0.082521
462	489663.71	3860950.05	1.95375	2.85528	1.93373	3.18384	4.46E-02	0.00304	2.9E-05	0.01018	0.05784	5.90E-02	0.004023	2.37E-05	0.00632	6.93E-02	0.068313	0.004066	1.75E-05	0.006972	0.079368
463	489813.71	3860950.05	1.91147	2.42151	2.15577	3.00862	4.36E-02	0.00258	3.2E-05	0.00962	0.05585	5.77E-02	0.003412	2.64E-05	0.005972	6.71E-02	0.066834	0.003449	1.95E-05	0.006588	0.07689
464	489863.71	3860950.05	1.89879	2.29361	2.18681	3.169	4.33E-02	0.00244	3.3E-05	0.01013	0.05594	5.73E-02	0.003232	2.68E-05	0.00629	6.69E-02	0.066391	0.003266	1.98E-05	0.006939	0.076616
465	489913.71	3860950.05	1.93578	2.35295	2.2025	3.3435	4.42E-02	0.00251	3.3E-05	0.01069	0.05741	5.84E-02	0.003315	2.7E-05	0.006636	6.84E-02	0.067684	0.003351	1.99E-05	0.007321	0.078376
466	489963.71	3860950.05	1.96529	2.45963	2.19202	3.49264	4.48E-02	0.00262	3.3E-05	0.01117	0.05867	5.93E-02	0.003465	2.68E-05	0.006933	6.97E-02	0.068716	0.003503	1.98E-05	0.007648	0.079887
467	490013.71	3860950.05	1.98411	2.55237	2.16212	3.61721	4.53E-02	0.00272	3.3E-05	0.01156	0.0596	5.99E-02	0.003596	2.65E-05	0.00718	7.07E-02	0.069374	0.003635	1.96E-05	0.00792	0.080949
468	490063.71	3860950.05	1.98899	2.623	2.11153	3.70813	4.54E-02	0.00279	3.2E-05	0.01185	0.06007	6.00E-02	0.003696	2.58E-05	0.00736	7.11E-02	0.069545	0.003736	1.91E-05	0.00812	0.081419
469	489513.71	3861000.05	1.97451	3.10476	1.74053	3.10467	4.51E-02	0.00331	2.6E-05	0.00993	0.05832	5.96E-02	0.004374	2.13E-05	0.006162	7.02E-02	0.069039	0.004422	1.57E-05	0.006798	0.080274
470	489563.71	3861000.05	1.96281	3.07688	1.72352	3.09757	4.48E-02	0.00328	2.6E-05	0.0099	0.058	5.92E-02	0.004335	2.11E-05	0.006148	6.97E-02	0.06863	0.004382	1.56E-05	0.006783	0.07981
471	489613.71	3861000.05	1.94951	3.00639	1.71724	3.12828	4.45E-02	0.0032	2.6E-05	0.01	0.05772	5.88E-02	0.004236	2.1E-05	0.006209	6.93E-02	0.068165	0.004282	1.55E-05	0.00685	0.079311
472	489663.71	3861000.05	1.93176	2.89578	1.82771	3.13376	4.41E-02	0.00308	2.8E-05	0.01002	0.05722	5.83E-02	0.00408	2.24E-05	0.00622	6.86E-02	0.067544	0.004124	1.65E-05	0.006862	0.078546
473	489713.71	3861000.05	1.91152	2.75805	1.92575	3.11132	4.36E-02	0.00294	2.9E-05	0.00995	0.05654	5.77E-02	0.003886	2.36E-05	0.006176	6.78E-02	0.066836	0.003928	1.74E-05	0.006813	0.077594
474	489763.71	3861000.05	1.89419	2.61143	2.01151	3.06445	4.32E-02	0.00278	3E-05	0.0098	0.05584	5.72E-02	0.003679	2.46E-05	0.006083	6.70E-02	0.06623	0.003719	1.82E-05	0.00671	0.076678
475	489813.71	3861000.05	1.88379	2.47208	2.08533	3.0009	4.30E-02	0.00263	3.1E-05	0.00959	0.05525	5.69E-02	0.003483	2.55E-05	0.005956	6.63E-02	0.065867	0.003521	1.89E-05	0.006571	0.075977
476	489863.71	3861000.05	1.86833	2.33314	2.13256	2.98073	4.26E-02	0.00249	3.2E-05	0.00953	0.05468	5.64E-02	0.003287	2.61E-05	0.005916	6.56E-02	0.065326	0.003323	1.93E-05	0.006527	0.075195
477	489913.71	3861000.05	1.87789	2.23331	2.16567	3.16517	4.29E-02	0.00238	3.3E-05	0.01012	0.05539	5.67E-02	0.003147	2.65E-05	0.006283	6.61E-02	0.06566	0.003181	1.96E-05	0.006931	0.075791
478	489963.71	3861000.05	1.91447	2.34368	2.17198	3.32745	4.37E-02	0.0025	3.3E-05	0.01064	0.05686	5.78E-02	0.003302	2.66E-05	0.006605	6.77E-02	0.066939	0.003338	1.96E-05	0.007286	0.077583
479	490013.71	3861000.05	1.94314	2.44669	2.16073	3.47155	4.43E-02	0.00261	3.3E-05	0.0111	0.05808	5.86E-02	0.003447	2.64E-05	0.006891	6.90E-02	0.067942	0.003484	1.95E-05	0.007602	0.079047
480	490063.71	3861000.05	1.95794	2.53111	2.12728	3.58602	4.47E-02	0.0027	3.2E-05	0.01146	0.05887	5.91E-02	0.003566	2.6E-05	0.007118	6.98E-02	0.068459	0.003605	1.92E-05	0.007852	0.079935
481	489513.71	3861050.05	1.94846	3.04647	1.72339	3.11476	4.45E-02	0.00325	2.6E-05	0.00996	0.05769	5.88E-02	0.004292	2.11E-05	0.006182	6.93E-02	0.068128	0.004339	1.56E-05	0.00682	0.079302
482	489563.71	3861050.05	1.93951	3.05176	1.7191	3.03583	4.43E-02	0.00325	2.6E-05	0.00971	0.05724	5.85E-02	0.0043	2.1E-05	0.006026	6.89E-02	0.067815	0.004346	1.56E-05	0.006647	0.078824
483	489613.71	3861050.05	1.93092	3.01582	1.70217	3.06309	4.41E-02	0.00321	2.6E-05	0.00979	0.0571	5.83E-02	0.004249	2.08E-05	0.00608	6.86E-02	0.067515	0.004295	1.54E-05	0.006707	0.078532
484	489663.71	3861050.05	1.91032	2.92322	1.71751	3.07731	4.36E-02	0.00311	2.6E-05	0.00984	0.05657	5.77E-02	0.004119	2.1E-05	0.006108	6.79E-02	0.066794	0.004163	1.55E-05	0.006738	0.077711

485	489713.71	3861050.05	1.88931	2.80121	1.82215	3.06802	4.31E-02	0.00298	2.7E-05	0.00981	0.05594	5.70E-02	0.003947	2.23E-05	0.00609	6.71E-02	0.06606	0.003989	1.65E-05	0.006718	0.076783
486	489763.71	3861050.05	1.87132	2.66428	1.91811	3.03732	4.27E-02	0.00284	2.9E-05	0.00971	0.05528	5.65E-02	0.003754	2.35E-05	0.006029	6.63E-02	0.065431	0.003794	1.74E-05	0.006651	0.075893
487	489813.71	3861050.05	1.85623	2.52209	2.00147	2.98418	4.24E-02	0.00269	3E-05	0.00954	0.05462	5.60E-02	0.003553	2.45E-05	0.005923	6.55E-02	0.064903	0.003592	1.81E-05	0.006534	0.075047
488	489863.71	3861050.05	1.84077	2.38004	2.06558	2.90782	4.20E-02	0.00254	3.1E-05	0.0093	0.05387	5.56E-02	0.003353	2.53E-05	0.005772	6.47E-02	0.064362	0.00339	1.87E-05	0.006367	0.074138
489	489913.71	3861050.05	1.82913	2.25321	2.11216	2.97996	4.17E-02	0.0024	3.2E-05	0.00953	0.0537	5.52E-02	0.003175	2.59E-05	0.005915	6.43E-02	0.063955	0.003209	1.91E-05	0.006525	0.073709
490	489963.71	3861050.05	1.85881	2.22772	2.13804	3.1548	4.24E-02	0.00237	3.2E-05	0.01009	0.05491	5.61E-02	0.003139	2.62E-05	0.006262	6.55E-02	0.064993	0.003173	1.93E-05	0.006908	0.075093
491	490013.71	3861050.05	1.8979	2.33947	2.14673	3.31604	4.33E-02	0.00249	3.2E-05	0.0106	0.05644	5.73E-02	0.003296	2.63E-05	0.006582	6.72E-02	0.06636	0.003332	1.94E-05	0.007261	0.076972
492	490063.71	3861050.05	1.9217	2.43379	2.13048	3.44994	4.39E-02	0.00259	3.2E-05	0.01103	0.05751	5.80E-02	0.003429	2.61E-05	0.006848	6.83E-02	0.067192	0.003466	1.93E-05	0.007554	0.078232
493	489513.71	3861100.05	1.92533	2.97477	1.7063	3.1203	4.39E-02	0.00317	2.6E-05	0.00998	0.05711	5.81E-02	0.004191	2.09E-05	0.006193	6.85E-02	0.067319	0.004237	1.54E-05	0.006832	0.078403
494	489563.71	3861100.05	1.9146	3.00505	1.70457	3.05146	4.37E-02	0.0032	2.6E-05	0.00976	0.05668	5.78E-02	0.004234	2.09E-05	0.006057	6.81E-02	0.066944	0.00428	1.54E-05	0.006682	0.077921
495	489613.71	3861100.05	1.89752	2.98238	1.6917	2.98054	4.33E-02	0.00318	2.5E-05	0.00953	0.05603	5.73E-02	0.004202	2.07E-05	0.005916	6.74E-02	0.066347	0.004247	1.53E-05	0.006526	0.077136
496	489663.71	3861100.05	1.88337	2.9257	1.66806	3.00911	4.30E-02	0.00312	2.5E-05	0.00962	0.05574	5.68E-02	0.004122	2.04E-05	0.005973	6.70E-02	0.065852	0.004167	1.51E-05	0.006589	0.076623
497	489713.71	3861100.05	1.86617	2.83031	1.71271	3.01618	4.26E-02	0.00302	2.6E-05	0.00964	0.05527	5.63E-02	0.003988	2.1E-05	0.005987	6.63E-02	0.065251	0.004031	1.55E-05	0.006604	0.075901
498	489763.71	3861100.05	1.8475	2.70714	1.81574	2.99909	4.22E-02	0.00288	2.7E-05	0.00959	0.05466	5.58E-02	0.003814	2.22E-05	0.005953	6.55E-02	0.064598	0.003855	1.64E-05	0.006567	0.075037
499	489813.71	3861100.05	1.831	2.57128	1.90889	2.96009	4.18E-02	0.00274	2.9E-05	0.00946	0.05402	5.53E-02	0.003623	2.34E-05	0.005875	6.48E-02	0.064021	0.003662	1.73E-05	0.006482	0.074182
500	489863.71	3861100.05	1.8181	2.43426	1.98984	2.90122	4.15E-02	0.00259	3E-05	0.00928	0.05339	5.49E-02	0.00343	2.44E-05	0.005759	6.41E-02	0.06357	0.003467	1.8E-05	0.006353	0.073407
501	489913.71	3861100.05	1.80116	2.29551	2.04787	2.81896	4.11E-02	0.00245	3.1E-05	0.00901	0.05259	5.44E-02	0.003234	2.51E-05	0.005595	6.32E-02	0.062977	0.003269	1.85E-05	0.006173	0.072438
502	489963.71	3861100.05	1.79854	2.1766	2.09055	2.97611	4.10E-02	0.00232	3.2E-05	0.00951	0.05291	5.43E-02	0.003067	2.56E-05	0.005907	6.33E-02	0.062886	0.0031	1.89E-05	0.006517	0.072521
503	490013.71	3861100.05	1.84028	2.22174	2.11118	3.14412	4.20E-02	0.00237	3.2E-05	0.01005	0.05445	5.55E-02	0.00313	2.58E-05	0.006241	6.49E-02	0.064345	0.003164	1.91E-05	0.006885	0.074413
504	490063.71	3861100.05	1.87384	2.32457	2.11378	3.29533	4.28E-02	0.00248	3.2E-05	0.01054	0.05581	5.66E-02	0.003275	2.59E-05	0.006541	6.64E-02	0.065519	0.003311	1.91E-05	0.007216	0.076064
505	489713.71	3861150.05	1.84461	2.84719	1.6401	2.96007	4.21E-02	0.00303	2.5E-05	0.00946	0.05462	5.57E-02	0.004012	2.01E-05	0.005875	6.56E-02	0.064497	0.004055	1.48E-05	0.006482	0.075048
506	489763.71	3861150.05	1.82734	2.74452	1.71102	2.95727	4.17E-02	0.00292	2.6E-05	0.00945	0.05411	5.52E-02	0.003867	2.09E-05	0.00587	6.49E-02	0.063893	0.003909	1.55E-05	0.006475	0.074292
507	489813.71	3861150.05	1.80994	2.6197	1.8117	2.93202	4.13E-02	0.00279	2.7E-05	0.00937	0.0535	5.46E-02	0.003691	2.22E-05	0.00582	6.42E-02	0.063284	0.003731	1.64E-05	0.00642	0.073452
508	489863.71	3861150.05	1.7921	2.48157	1.89954	2.882	4.09E-02	0.00264	2.9E-05	0.00921	0.05278	5.41E-02	0.003496	2.32E-05	0.00572	6.33E-02	0.062661	0.003534	1.72E-05	0.006311	0.072523
509	489913.71	3861150.05	1.77522	2.34237	1.97209	2.81275	4.05E-02	0.0025	3E-05	0.00899	0.05203	5.36E-02	0.0033	2.41E-05	0.005583	6.25E-02	0.06207	0.003336	1.78E-05	0.006159	0.071583
510	489963.71	3861150.05	1.76001	2.21203	2.02728	2.79239	4.02E-02	0.00236	3.1E-05	0.00893	0.05148	5.31E-02	0.003117	2.48E-05	0.005543	6.18E-02	0.061539	0.00315	1.83E-05	0.006114	0.070822
511	490013.71	3861150.05	1.78003	2.10742	2.06439	2.96831	4.06E-02	0.00225	3.1E-05	0.00949	0.05239	5.37E-02	0.002969	2.53E-05	0.005892	6.26E-02	0.062239	0.003001	1.87E-05	0.0065	0.071758
512	490063.71	3861150.05	1.82245	2.21577	2.08524	3.13337	4.16E-02	0.00236	3.1E-05	0.01002	0.054	5.50E-02	0.003122	2.55E-05	0.006219	6.44E-02	0.063722	0.003156	1.89E-05	0.006861	0.073757
513	489613.71	3861200.05	1.84412	2.88318	1.65518	2.98277	4.21E-02	0.00307	2.5E-05	0.00954	0.05472	5.57E-02	0.004062	2.03E-05	0.00592	6.57E-02	0.06448	0.004106	1.5E-05	0.006531	0.075132
514	489663.71	3861200.05	1.83629	2.88905	1.65703	2.90374	4.19E-02	0.00308	2.5E-05	0.00928	0.05429	5.54E-02	0.00407	2.03E-05	0.005764	6.53E-02	0.064206	0.004114	1.5E-05	0.006358	0.074693
515	489713.71	3861200.05	1.8237	2.84891	1.64291	2.90058	4.16E-02	0.00304	2.5E-05	0.00927	0.05395	5.50E-02	0.004014	2.01E-05	0.005757	6.48E-02	0.063766	0.004057	1.49E-05	0.006351	0.074189
516	489763.71	3861200.05	1.80741	2.76909	1.61269	2.9094	4.12E-02	0.00295	2.4E-05	0.0093	0.05352	5.45E-02	0.003901	1.97E-05	0.005775	6.42E-02	0.063196	0.003944	1.46E-05	0.006371	0.073525
517	489813.71	3861200.05	1.78991	2.66014	1.70933	2.89663	4.08E-02	0.00283	2.6E-05	0.00926	0.05297	5.40E-02	0.003748	2.09E-05	0.00575	6.35E-02	0.062584	0.003788	1.55E-05	0.006343	0.072731
518	489863.71	3861200.05	1.77327	2.53401	1.80716	2.8622	4.05E-02	0.0027	2.7E-05	0.00915	0.05234	5.35E-02	0.00357	2.21E-05	0.005681	6.28E-02	0.062002	0.003609	1.63E-05	0.006267	0.071895
519	489913.71	3861200.05	1.75432	2.39527	1.88985	2.80418	4.00E-02	0.00255	2.8E-05	0.00897	0.05158	5.29E-02	0.003375	2.31E-05	0.005566	6.19E-02	0.06134	0.003411	1.71E-05	0.00614	0.070908
520	489963.71	3861200.05	1.7364	2.25859	1.95695	2.728	3.96E-02	0.00241	2.9E-05	0.00872	0.05078	5.24E-02	0.003182	2.4E-05	0.005415	6.10E-02	0.060713	0.003217	1.77E-05	0.005973	0.069921
521	490013.71	3861200.05	1.72302	2.13715	2.00981	2.79302	3.93E-02	0.00228	3E-05	0.00893	0.05056	5.20E-02	0.003011	2.46E-05	0.005544	6.06E-02	0.060245	0.003044	1.82E-05	0.006116	0.069423
522	490063.71	3861200.05	1.76601	2.10654	2.04325	2.96418	4.03E-02	0.00224	3.1E-05	0.00948	0.05205	5.33E-02	0.002968	2.5E-05	0.005884	6.22E-02	0.061748	0.003	1.85E-05	0.006491	0.071258
523	489513.71	3861250.05	1.80682	2.59076	1.70281	3.04898	4.12E-02	0.00276	2.6E-05	0.00975	0.05377	5.45E-02	0.00365	2.08E-05	0.006052	6.43E-02	0.063175	0.00369	1.54E-05	0.006676	0.073557
524	489563.71	3861250.05	1.81725	2.72497	1.6546	3.0294	4.15E-02	0.0029	2.5E-05	0.00969	0.05408	5.48E-02	0.003839	2.03E-05	0.006013	6.47E-02	0.06354	0.003881	1.5E-05	0.006633	0.074069
525	489613.71	3861250.05	1.81957	2.81132	1.62716	2.9879	4.15E-02	0.003	2.5E-05	0.00955	0.0541	5.49E-02	0.003961	1.99E-05	0.005931	6.48E-02	0.063621	0.004004	1.47E-05	0.006543	0.074182
526	489663.71	3861250.05	1.81352	2.84564	1.63945	2.92218	4.14E-02	0.00303	2.5E-05	0.00934	0.05378	5.47E-02	0.004009	2.01E-05	0.0058	6.46E-02	0.06341	0.004053	1.48E-05	0.006399	0.073876
527	489713.71	3861250.05	1.8032	2.8344	1.6371	2.83908	4.12E-02	0.00302	2.5E-05	0.00908	0.05327	5.44E-02	0.003993	2E-05	0.005635	6.41E-02	0.063049	0.004037	1.48E-05	0.006217	0.073317
528	489763.71	3861250.05	1.78865	2.78042	1.619	2.85741	4.08E-02	0.00296	2.4E-05	0.00914	0.05294	5.40E-02	0.003917	1.98E-05	0.005672	6.36E-02	0.06254	0.00396	1.46E-05	0.006257	0.072771
529	489813.71	3861250.05	1.77126	2.69083	1.60431	2.85608	4.04E-02	0.00287	2.4E-05	0.00913	0.05244	5.35E-02	0.003791	1.96E-05	0.005669	6.29E-02	0.061932	0.003832	1.45E-05	0.006254	0.072033
530	489863.71	3861250.05	1.75261	2.57556	1.70656	2.8328	4.00E-02	0.00274	2.6E-05	0.00906	0.05182	5.29E-02	0.003629	2.09E-05	0.005623	6.22E-02	0.06128	0.003668	1.54E-05	0.006203	0.071166
531	489913.71	3861250.05	1.735	2.44673	1.79984	2.78914	3.96E-02	0.00261	2.7E-05	0.00892	0.05114	5.24E-02	0.003447	2.2E-05	0.005536	6.14E-02	0.060664	0.003485	1.63E-05	0.006107	0.070272
532	489963.71	3861250.05	1.71747	2.31194	1.87969	2.7253	3.92E-02	0.00246	2.8E-05	0.00871	0.0504	5.18E-02	0.003257	2.3E-05	0.005409	6.05E-02	0.060051	0.003293	1.7E-05	0.005967	0.069328
533	490013.71	3861250.05	1.70118	2.18228	1.94421	2.64763	3.88E-02	0.00232	2.9E-05	0.00846	0.04964	5.13E-02	0.003075	2.38E-05	0.005255	5.97E-02	0.059482	0.003108	1.76E-05	0.005797	0.068405
534	490063.71	3861250.05	1.70636	2.06383	1.99002	2.79174	3.89E-02	0.0022	3E-05	0.00893	0.05009	5.15E-02	0.002908	2.44E-05	0.005541	6.00E-02	0.059663	0.002939	1.8E-05	0.006113	0.068733
535	489528.13	3861308.47	1.77071	2.47449	1.69692	3.01398	4.04E-02	0.00264	2.6E-05	0.00964	0.05271	5.34E-02	0.003486	2.08E-05	0.005982	6.29E-02	0.061913	0.003524	1.54E-05	0.0066	0.072052
536	489578.13	3861308.47	1.78183	2.6208	1.64718	3.00122	4.07E-02	0.00279	2.5E-05	0.00959	0.05307	5.38E-02	0.003693	2.02E-05	0.005957	6.34E-02	0.062302	0.003732	1.49E-05	0.006572	0.072621
537	489628.13	3861308.47	1.78574	2.72439	1.59853	2.96715	4.08E-02	0.0029	2.4E-05	0.00949	0.05316	5.39E-02	0.003838	1.96E-05	0.005889	6.36E-02	0.062438	0.00388	1.45E-05	0.006497	0.07283
538	489678.13	3861308.47	1.7839	2.78285	1.61298	2.91279	4.07E-02	0.00296	2.4E-05	0.00931	0.05301	5.38E-02	0.003921	1.97E-05	0.005782	6.36E-02	0.062374	0.003963	1.46E-05	0.006378	0.07273
539	489728.13	3861308.47	1.77572	2.79337	1.6198	2.83565	4.05E-02	0.00298	2.4E-05	0.00907	0.05259	5.36E-02	0.003936	1.98E-05	0.005628	6.32E-02	0.062088	0.003978	1.47E-05	0.006209	0.07229
540	489778.13	3861308.47	1.76146	2.75764	1.61014	2.79667	4.02E-02	0.00294	2.4E-05	0.00894	0.0521	5.32E-02	0.003885	1.97E-05	0.005551	6.26E-02	0.061589	0.003927	1.46E-05	0.006124	0.071655
541	489678.13	3861358.47	1.75897	2.70807	1.58082	2.91617	4.01E-02	0.00289	2.4E-05	0.00932	0.05237	5.31E-02	0.003815	1.93E-05	0.005788	6.27E-02	0.061502	0.003857	1.43E-05	0.006385	0.071759
542	489728.13	3861358.47	1.75337	2.74683	1.59808	2.85246	4.00E-02	0.00293	2.4E-05	0.00912	0.05208	5.29E-02	0.00387	1.96E-05	0.005662	6.25E-02	0.061306	0.003912	1.45E-05	0.006246	0.071479
543	489528.13	3861408.47	1.70099	2.33259	1.71111	2.94763	3.88E-02	0.00249	2.6E-05	0.00942	0.05075	5.13E-02	0.003286	2.09E-05	0.005851	6.05E-02	0.059475	0.003322	1.55E-05	0.006454	0.069267
544	489578.13	3861408.47	1.71788	2.38959	1.66334	2.95333	3.92E-02	0.00255	2.5E-05	0.00944	0.05122	5.18E-02	0.003367	2.04E-05	0.005862	6.11E-02	0.060066	0.003403	1.5E-05	0.006467	0.069951
545	489628.13	3861408.47	1.73192	2.51267	1.61638	2.94588	3.95E-02	0.00268	2.4E-05	0.00942	0.05164	5.23E-02	0.00354	1.98E-05	0.005847	6.17E-02	0.060556	0.003578	1.46E-05	0.00645	0.0706

546	489678.13	3861408.47	1.73427	2.61969	1.56525	2.91353	3.96E-02	0.00279	2.4E-05	0.00931	0.05171	5.23E-02	0.003691	1.92E-05	0.005783	6.18E-02	0.060639	0.003731	1.42E-05	0.00638	0.070763
547	489728.13	3861408.47	1.73037	2.68349	1.56896	2.86133	3.95E-02	0.00286	2.4E-05	0.00915	0.05152	5.22E-02	0.003781	1.92E-05	0.005679	6.17E-02	0.060502	0.003822	1.42E-05	0.006265	0.070604
548	489528.13	3861458.47	1.66782	2.26208	1.71895	2.91119	3.81E-02	0.00241	2.6E-05	0.00931	0.0498	5.03E-02	0.003187	2.1E-05	0.005778	5.93E-02	0.058315	0.003222	1.56E-05	0.006375	0.067927
549	489578.13	3861458.47	1.68742	2.33087	1.67398	2.92422	3.85E-02	0.00248	2.5E-05	0.00935	0.05037	5.09E-02	0.003284	2.05E-05	0.005804	6.00E-02	0.059001	0.003319	1.51E-05	0.006403	0.068738
550	489628.13	3861458.47	1.70082	2.3859	1.62466	2.92258	3.88E-02	0.00254	2.4E-05	0.00934	0.05072	5.13E-02	0.003362	1.99E-05	0.005801	6.05E-02	0.059469	0.003398	1.47E-05	0.006399	0.069281
551	489678.13	3861458.47	1.70697	2.51504	1.57325	2.90207	3.90E-02	0.00268	2.4E-05	0.00928	0.05094	5.15E-02	0.003544	1.93E-05	0.00576	6.08E-02	0.059684	0.003582	1.42E-05	0.006355	0.069635
552	489728.13	3861458.47	1.70456	2.60139	1.53158	2.85989	3.89E-02	0.00277	2.3E-05	0.00914	0.05084	5.14E-02	0.003665	1.87E-05	0.005677	6.08E-02	0.0596	0.003705	1.39E-05	0.006262	0.069581
553	489528.13	3861508.47	1.63337	2.18616	1.72396	2.86976	3.73E-02	0.00233	2.6E-05	0.00917	0.0488	4.93E-02	0.00308	2.11E-05	0.005696	5.81E-02	0.057111	0.003113	1.56E-05	0.006284	0.066524
554	489578.13	3861508.47	1.65389	2.26248	1.68129	2.88857	3.77E-02	0.00241	2.5E-05	0.00923	0.04941	4.99E-02	0.003188	2.06E-05	0.005734	5.89E-02	0.057828	0.003222	1.52E-05	0.006325	0.06739
555	489628.13	3861508.47	1.66895	2.31833	1.63309	2.89499	3.81E-02	0.00247	2.5E-05	0.00926	0.04984	5.04E-02	0.003266	2E-05	0.005746	5.94E-02	0.058355	0.003302	1.48E-05	0.006339	0.06801
556	489678.13	3861508.47	1.67737	2.39725	1.58135	2.88347	3.83E-02	0.00255	2.4E-05	0.00922	0.05008	5.06E-02	0.003378	1.94E-05	0.005723	5.97E-02	0.058649	0.003414	1.43E-05	0.006314	0.068391
557	489728.13	3861508.47	1.67959	2.50812	1.52952	2.85464	3.83E-02	0.00267	2.3E-05	0.00913	0.05015	5.07E-02	0.003534	1.87E-05	0.005666	5.99E-02	0.058727	0.003572	1.38E-05	0.006251	0.068563
558	489628.13	3861558.47	1.63998	2.26073	1.64437	2.8669	3.74E-02	0.00241	2.5E-05	0.00917	0.04902	4.95E-02	0.003185	2.01E-05	0.00569	5.84E-02	0.057342	0.00322	1.49E-05	0.006278	0.066854
559	489678.13	3861558.47	1.65403	2.30889	1.59661	2.86788	3.77E-02	0.00246	2.4E-05	0.00917	0.0494	4.99E-02	0.003253	1.95E-05	0.005692	5.89E-02	0.057833	0.003288	1.44E-05	0.00628	0.067415
560	489728.13	3861558.47	1.65949	2.41195	1.54446	2.84957	3.79E-02	0.00257	2.3E-05	0.00911	0.04957	5.01E-02	0.003398	1.89E-05	0.005656	5.92E-02	0.058024	0.003435	1.4E-05	0.00624	0.067713
561	489357.08	3861015.81	1.95051	2.77991	1.84914	3.22689	4.45E-02	0.00296	2.8E-05	0.01032	0.05782	5.89E-02	0.003917	2.26E-05	0.006405	6.92E-02	0.068199	0.003959	1.67E-05	0.007066	0.079241
562	489407.08	3861015.81	1.96039	2.93047	1.79453	3.20994	4.47E-02	0.00312	2.7E-05	0.01026	0.05815	5.92E-02	0.004129	2.2E-05	0.006371	6.97E-02	0.068545	0.004173	1.62E-05	0.007029	0.079763
563	489457.08	3861015.81	1.96531	3.03287	1.74558	3.17479	4.48E-02	0.00323	2.6E-05	0.01015	0.05826	5.93E-02	0.004273	2.14E-05	0.006302	6.99E-02	0.068717	0.004319	1.58E-05	0.006952	0.080004
564	489357.08	3861065.81	1.91079	2.64667	1.85494	3.19221	4.36E-02	0.00282	2.8E-05	0.01021	0.05666	5.77E-02	0.003729	2.27E-05	0.006336	6.78E-02	0.066811	0.003769	1.68E-05	0.00699	0.077587
565	489407.08	3861065.81	1.92394	2.79425	1.79975	3.18628	4.39E-02	0.00298	2.7E-05	0.01019	0.0571	5.81E-02	0.003937	2.2E-05	0.006324	6.83E-02	0.06727	0.003979	1.63E-05	0.006977	0.078243
566	489457.08	3861065.81	1.93287	2.92711	1.74856	3.1633	4.41E-02	0.00312	2.6E-05	0.01011	0.05737	5.83E-02	0.004124	2.14E-05	0.006279	6.88E-02	0.067583	0.004169	1.58E-05	0.006927	0.078694
567	489357.08	3861115.81	1.86886	2.56447	1.85889	3.1517	4.26E-02	0.00273	2.8E-05	0.01008	0.05549	5.64E-02	0.003613	2.28E-05	0.006256	6.63E-02	0.065345	0.003652	1.68E-05	0.006901	0.075915
568	489407.08	3861115.81	1.88949	2.65004	1.80879	3.16037	4.31E-02	0.00282	2.7E-05	0.0101	0.05607	5.70E-02	0.003734	2.21E-05	0.006273	6.71E-02	0.066066	0.003774	1.64E-05	0.00692	0.076776
569	489457.08	3861115.81	1.90295	2.81042	1.75729	3.14881	4.34E-02	0.00299	2.6E-05	0.01007	0.05651	5.74E-02	0.00396	2.15E-05	0.00625	6.77E-02	0.066537	0.004002	1.59E-05	0.006895	0.07745
570	489407.08	3861165.81	1.85373	2.56258	1.81764	3.12754	4.23E-02	0.00273	2.7E-05	0.01	0.05506	5.59E-02	0.003611	2.22E-05	0.006208	6.58E-02	0.064816	0.003649	1.64E-05	0.006848	0.07533
571	489457.08	3861165.81	1.86746	2.67272	1.76358	3.12285	4.26E-02	0.00285	2.7E-05	0.00998	0.05547	5.64E-02	0.003766	2.16E-05	0.006199	6.63E-02	0.065296	0.003806	1.6E-05	0.006838	0.075956
572	489407.08	3861215.81	1.80391	2.46648	1.81273	3.07598	4.12E-02	0.00263	2.7E-05	0.00983	0.05366	5.44E-02	0.003475	2.22E-05	0.006105	6.40E-02	0.063074	0.003513	1.64E-05	0.006735	0.073338
573	489457.08	3861215.81	1.82255	2.53075	1.76248	3.08343	4.16E-02	0.0027	2.7E-05	0.00986	0.05417	5.50E-02	0.003566	2.16E-05	0.00612	6.47E-02	0.063725	0.003604	1.59E-05	0.006752	0.074097
574	489407.08	3861265.81	1.7545	2.36684	1.80669	3.02206	4.00E-02	0.00252	2.7E-05	0.00966	0.05225	5.30E-02	0.003335	2.21E-05	0.005998	6.23E-02	0.061346	0.003371	1.63E-05	0.006617	0.07135
575	489457.08	3861265.81	1.77822	2.44804	1.76201	3.04077	4.06E-02	0.00261	2.7E-05	0.00972	0.05294	5.37E-02	0.003449	2.16E-05	0.006036	6.32E-02	0.062175	0.003486	1.59E-05	0.006658	0.072336
576	489309.86	3861110.14	1.84725	2.48559	1.90059	3.13499	4.22E-02	0.00265	2.9E-05	0.01002	0.05486	5.58E-02	0.003502	2.33E-05	0.006223	6.55E-02	0.064589	0.00354	1.72E-05	0.006865	0.075011
577	489407.08	3861315.81	1.71437	2.27885	1.80787	2.9755	3.91E-02	0.00243	2.7E-05	0.00951	0.05109	5.17E-02	0.003211	2.21E-05	0.005906	6.09E-02	0.059943	0.003245	1.64E-05	0.006515	0.06972
578	489457.08	3861315.81	1.74059	2.37085	1.76733	3.00117	3.97E-02	0.00253	2.7E-05	0.00959	0.05187	5.25E-02	0.00334	2.16E-05	0.005957	6.19E-02	0.06086	0.003376	1.6E-05	0.006572	0.070824
579	488906.03	3861006.75	1.79131	2.36591	2.00967	2.91316	4.09E-02	0.00252	3E-05	0.00931	0.05274	5.41E-02	0.003333	2.46E-05	0.005782	6.32E-02	0.062633	0.003369	1.82E-05	0.006379	0.072399
580	488956.03	3861006.75	1.78819	2.2594	2.04688	2.89294	4.08E-02	0.00241	3.1E-05	0.00925	0.05249	5.40E-02	0.003183	2.51E-05	0.005742	6.29E-02	0.062524	0.003218	1.85E-05	0.006335	0.072095
581	488904.24	3861051.87	1.80876	2.42947	2.00026	2.90647	4.13E-02	0.00259	3E-05	0.00929	0.05319	5.46E-02	0.003423	2.45E-05	0.005769	6.38E-02	0.063243	0.00346	1.81E-05	0.006364	0.073085
582	488954.24	3861051.87	1.78538	2.30482	2.02104	2.87526	4.07E-02	0.00246	3E-05	0.00919	0.05242	5.39E-02	0.003247	2.47E-05	0.005707	6.29E-02	0.062426	0.003282	1.83E-05	0.006296	0.072022
583	489004.24	3861051.87	1.78257	2.18798	2.05663	2.89888	4.07E-02	0.00233	3.1E-05	0.00927	0.05231	5.38E-02	0.003083	2.52E-05	0.005754	6.27E-02	0.062327	0.003116	1.86E-05	0.006348	0.07181
584	488804.24	3861101.87	1.77106	2.48172	2.0156	2.86836	4.04E-02	0.00264	3E-05	0.00917	0.05226	5.35E-02	0.003497	2.47E-05	0.005693	6.27E-02	0.061925	0.003534	1.82E-05	0.006281	0.071758
585	488854.24	3861101.87	1.7785	2.47698	1.99286	2.8737	4.06E-02	0.00264	3E-05	0.00919	0.05244	5.37E-02	0.00349	2.44E-05	0.005704	6.29E-02	0.062185	0.003528	1.8E-05	0.006292	0.072023
586	488904.24	3861101.87	1.75053	2.37355	1.92163	2.84559	3.99E-02	0.00253	2.9E-05	0.0091	0.0516	5.28E-02	0.003344	2.35E-05	0.005648	6.18E-02	0.061207	0.00338	1.74E-05	0.006231	0.070836
587	488954.24	3861101.87	1.73676	2.28089	1.948	2.82129	3.96E-02	0.00243	2.9E-05	0.00902	0.05111	5.24E-02	0.003214	2.38E-05	0.0056	6.13E-02	0.060726	0.003248	1.76E-05	0.006178	0.070169
588	489004.24	3861101.87	1.72662	2.17278	1.97843	2.79851	3.94E-02	0.00231	3E-05	0.00895	0.05069	5.21E-02	0.003061	2.42E-05	0.005555	6.08E-02	0.060371	0.003094	1.79E-05	0.006128	0.069611
589	488804.24	3861151.87	1.71477	2.37814	1.96426	2.794	3.91E-02	0.00253	3E-05	0.00893	0.05063	5.18E-02	0.003351	2.4E-05	0.005546	6.07E-02	0.059957	0.003387	1.78E-05	0.006118	0.069479
590	488854.24	3861151.87	1.71238	2.37734	1.93737	2.7965	3.91E-02	0.00253	2.9E-05	0.00894	0.05058	5.17E-02	0.00335	2.37E-05	0.005551	6.06E-02	0.059873	0.003386	1.75E-05	0.006123	0.0694
591	489129.49	3861187.55	1.64255	1.93109	1.94474	2.84961	3.75E-02	0.00206	2.9E-05	0.00911	0.04868	4.96E-02	0.002721	2.38E-05	0.005656	5.80E-02	0.057432	0.00275	1.76E-05	0.00624	0.066439
592	489179.49	3861187.55	1.67448	2.06213	1.94346	2.91352	3.82E-02	0.0022	2.9E-05	0.00931	0.04975	5.05E-02	0.002905	2.38E-05	0.005783	5.92E-02	0.058548	0.002937	1.76E-05	0.00638	0.067882
593	488804.24	3861201.87	1.69206	2.32228	1.94711	2.74414	3.86E-02	0.00247	2.9E-05	0.00877	0.04989	5.11E-02	0.003272	2.38E-05	0.005447	5.98E-02	0.059163	0.003307	1.76E-05	0.006009	0.068496
594	488854.24	3861201.87	1.68541	2.33147	1.92133	2.74738	3.85E-02	0.00248	2.9E-05	0.00878	0.04976	5.09E-02	0.003285	2.35E-05	0.005453	5.96E-02	0.05893	0.00332	1.74E-05	0.006016	0.068284
595	489129.49	3861237.55	1.63726	1.93009	1.92149	2.78361	3.74E-02	0.00206	2.9E-05	0.0089	0.04835	4.94E-02	0.002719	2.35E-05	0.005525	5.77E-02	0.057247	0.002749	1.74E-05	0.006095	0.066108
596	489179.49	3861237.55	1.62945	1.96236	1.92216	2.84737	3.72E-02	0.00209	2.9E-05	0.0091	0.04841	4.92E-02	0.002765	2.35E-05	0.005652	5.76E-02	0.056974	0.002795	1.74E-05	0.006235	0.06602
597	488804.24	3861251.87	1.67122	2.26333	1.92899	2.69433	3.81E-02	0.00241	2.9E-05	0.00861	0.04919	5.04E-02	0.003189	2.36E-05	0.005348	5.90E-02	0.058434	0.003223	1.75E-05	0.0059	0.067575
598	488854.24	3861251.87	1.66435	2.2883	1.90842	2.70154	3.80E-02	0.00244	2.9E-05	0.00864	0.04909	5.02E-02	0.003224	2.34E-05	0.005362	5.88E-02	0.058194	0.003259	1.73E-05	0.005915	0.067386
599	488804.24	3861301.87	1.644	2.19092	1.90087	2.63737	3.75E-02	0.00233	2.9E-05	0.00843	0.04831	4.96E-02	0.003087	2.33E-05	0.005235	5.80E-02	0.057482	0.00312	1.72E-05	0.005775	0.066395
600	488854.24	3861301.87	1.64274	2.23827	1.89179	2.65394	3.75E-02	0.00238	2.9E-05	0.00848	0.04839	4.96E-02	0.003154	2.32E-05	0.005268	5.80E-02	0.057438	0.003188	1.71E-05	0.005811	0.066454
601	490943.5	3860181.97	2.17634	3.27272	2.16588	4.15838	4.97E-02	0.00349	3.3E-05	0.01329	0.06648	6.57E-02	0.004611	2.65E-05	0.008254	7.86E-02	0.076096	0.004661	1.96E-05	0.009105	0.089881
602	490993.5	3860181.97	2.12906	3.24077	2.18494	4.10832	4.86E-02	0.00345	3.3E-05	0.01313	0.06521	6.43E-02	0.004566	2.67E-05	0.008155	7.70E-02	0.074442	0.004615	1.98E-05	0.008996	0.088073
603	491043.5	3860181.97	2.0765	3.19243	2.19414	4.03278	4.74E-02	0.0034	3.3E-05	0.01289	0.06371	6.27E-02	0.004498	2.69E-05	0.008005	7.52E-02	0.072605	0.004546	1.98E-05	0.00883	0.086001
604	491093.5	3860181.97	2.01629	3.12269	2.18963	3.93127	4.60E-02	0.00333	3.3E-05	0.01257	0.06194	6.09E-02	0.0044	2.68E-05	0.007803	7.31E-02	0.070499	0.004447	1.98E-05	0.008608	0.083575
605	490943.5	3860231.97	2.17708	3.21117	2.07916	4.08272	4.97E-02	0.00342	3.1E-05	0.01305	0.06619	6.57E-02	0.004524	2.54E-05	0.008104	7.84E-02	0.076121	0.004573	1.88E-05	0.00894	0.089653
606	490993.5	3860231.97	2.14879	3.21514	2.11636	4.07613	4.90E-02	0.00343	3.2E-05	0.01303	0.06553	6.49E-02	0.00453	2.59E-05	0.008091	7.75E-02	0.075132	0.004579	1.91E-05	0.008925	0.088656

607	491043.5	3860231.97	2.10219	3.1831	2.13368	4.03303	4.80E-02	0.00339	3.2E-05	0.01289	0.06429	6.34E-02	0.004485	2.61E-05	0.008005	7.60E-02	0.073503	0.004533	1.93E-05	0.008831	0.086886
608	491093.5	3860231.97	2.04989	3.13501	2.14146	3.96529	4.68E-02	0.00334	3.2E-05	0.01268	0.06283	6.19E-02	0.004417	2.62E-05	0.007871	7.42E-02	0.071674	0.004465	1.94E-05	0.008683	0.084841
609	490943.5	3860281.97	2.15758	3.12226	1.98232	3.96319	4.92E-02	0.00333	3E-05	0.01267	0.06526	6.51E-02	0.004399	2.43E-05	0.007867	7.74E-02	0.07544	0.004447	1.79E-05	0.008678	0.088582
610	490993.5	3860281.97	2.14192	3.14596	2.02799	3.9905	4.89E-02	0.00335	3.1E-05	0.01276	0.06502	6.46E-02	0.004432	2.48E-05	0.007921	7.70E-02	0.074892	0.00448	1.83E-05	0.008738	0.088129
611	491043.5	3860281.97	2.11054	3.14163	2.05891	3.98527	4.82E-02	0.00335	3.1E-05	0.01274	0.06428	6.37E-02	0.004426	2.52E-05	0.00791	7.61E-02	0.073795	0.004474	1.86E-05	0.008726	0.087014
612	491093.5	3860281.97	2.07072	3.11977	2.08007	3.95375	4.73E-02	0.00332	3.1E-05	0.01264	0.06325	6.25E-02	0.004396	2.55E-05	0.007848	7.48E-02	0.072403	0.004443	1.88E-05	0.008657	0.085522
613	490943.5	3860331.97	2.11628	3.00886	2.07168	3.80443	4.83E-02	0.00321	3.1E-05	0.01216	0.06369	6.39E-02	0.004239	2.54E-05	0.007551	7.57E-02	0.073996	0.004285	1.87E-05	0.00833	0.08663
614	490993.5	3860331.97	2.10973	3.0429	1.92575	3.85858	4.81E-02	0.00324	2.9E-05	0.01234	0.06375	6.37E-02	0.004287	2.36E-05	0.007659	7.56E-02	0.073767	0.004334	1.74E-05	0.008449	0.086567
615	491043.5	3860331.97	2.09347	3.06142	1.96695	3.88745	4.78E-02	0.00326	3E-05	0.01243	0.06349	6.32E-02	0.004313	2.41E-05	0.007716	7.52E-02	0.073198	0.00436	1.78E-05	0.008512	0.086088
616	491093.5	3860331.97	2.06836	3.06438	2.00014	3.89138	4.72E-02	0.00326	3E-05	0.01244	0.06294	6.24E-02	0.004318	2.45E-05	0.007724	7.45E-02	0.07232	0.004364	1.81E-05	0.008521	0.085223
617	490086.72	3859935.12	3.1507	4.27891	2.79009	5.58273	7.19E-02	0.00456	4.2E-05	0.01785	0.09435	9.51E-02	0.006029	3.41E-05	0.011081	1.12E-01	0.110164	0.006094	2.52E-05	0.012224	0.128507
618	490136.72	3859935.12	3.07062	4.22065	2.85045	5.20407	7.01E-02	0.0045	4.3E-05	0.01664	0.09125	9.27E-02	0.005947	3.49E-05	0.01033	1.09E-01	0.107364	0.006011	2.58E-05	0.011395	0.124796
619	490186.72	3859935.12	2.98323	4.1559	2.87356	5.12527	6.81E-02	0.00443	4.3E-05	0.01639	0.08894	9.00E-02	0.005855	3.52E-05	0.010173	1.06E-01	0.104308	0.005919	2.6E-05	0.011223	0.121476
620	490236.72	3859935.12	2.88995	4.08374	2.85831	5.03694	6.60E-02	0.00435	4.3E-05	0.0161	0.08645	8.72E-02	0.005754	3.5E-05	0.009998	1.03E-01	0.101047	0.005816	2.59E-05	0.011029	0.117918
621	490286.72	3859935.12	2.79014	4.00097	2.80292	4.9406	6.37E-02	0.00426	4.2E-05	0.0158	0.08377	8.42E-02	0.005637	3.43E-05	0.009807	9.97E-02	0.097557	0.005698	2.54E-05	0.010818	0.114099
622	490336.72	3859935.12	2.6887	3.91105	2.71202	4.83686	6.14E-02	0.00417	4.1E-05	0.01546	0.08103	8.11E-02	0.00551	3.32E-05	0.009601	9.63E-02	0.09401	0.00557	2.45E-05	0.010591	0.110196
623	490386.72	3859935.12	2.6032	3.81756	2.5917	4.72741	5.94E-02	0.00407	3.9E-05	0.01511	0.07863	7.86E-02	0.005379	3.17E-05	0.009383	9.34E-02	0.091021	0.005437	2.34E-05	0.010351	0.106832
624	490436.72	3859935.12	2.58933	3.71338	2.44332	4.6221	5.91E-02	0.00396	3.7E-05	0.01478	0.07786	7.81E-02	0.005232	2.99E-05	0.009174	9.26E-02	0.090536	0.005288	2.21E-05	0.010121	0.105967
625	490486.72	3859935.12	2.56117	3.67915	2.30558	4.69726	5.84E-02	0.00392	3.5E-05	0.01502	0.07742	7.73E-02	0.005184	2.82E-05	0.009324	9.18E-02	0.089551	0.00524	2.09E-05	0.010285	0.105097
626	490536.72	3859935.12	2.52938	3.72092	2.37279	4.73624	5.77E-02	0.00396	3.6E-05	0.01514	0.07686	7.63E-02	0.005243	2.9E-05	0.009401	9.10E-02	0.08844	0.005299	2.15E-05	0.010371	0.104131
627	490586.72	3859935.12	2.4893	3.74235	2.43055	4.73693	5.68E-02	0.00399	3.7E-05	0.01514	0.07598	7.51E-02	0.005273	2.97E-05	0.009402	8.98E-02	0.087038	0.00533	2.2E-05	0.010372	0.102762
628	490636.72	3859935.12	2.43345	3.72605	2.46819	4.69609	5.55E-02	0.00397	3.7E-05	0.01501	0.07455	7.34E-02	0.00525	3.02E-05	0.009321	8.80E-02	0.085085	0.005306	2.23E-05	0.010283	0.100697
629	490686.72	3859935.12	2.38277	3.70713	2.50501	4.6225	5.44E-02	0.00395	3.8E-05	0.01478	0.07314	7.19E-02	0.005223	3.07E-05	0.009175	8.63E-02	0.083313	0.005279	2.27E-05	0.010122	0.098737
630	490736.72	3859935.12	2.32011	3.65201	2.52072	4.51438	5.29E-02	0.00389	3.8E-05	0.01443	0.07131	7.00E-02	0.005145	3.09E-05	0.008961	8.42E-02	0.081123	0.005201	2.28E-05	0.009885	0.096231
631	490086.72	3859985.12	3.12357	4.35982	2.82679	5.96694	7.13E-02	0.00464	4.3E-05	0.01908	0.09505	9.43E-02	0.006143	3.46E-05	0.011844	1.12E-01	0.109215	0.006209	2.56E-05	0.013066	0.128516
632	490136.72	3859985.12	3.05791	4.16701	2.73196	5.49834	6.98E-02	0.00444	4.1E-05	0.01758	0.09184	9.23E-02	0.005871	3.34E-05	0.010914	1.09E-01	0.10692	0.005934	2.47E-05	0.01204	0.124918
633	490186.72	3859985.12	2.98803	4.1158	2.79861	5.06191	6.82E-02	0.00438	4.2E-05	0.01618	0.0888	9.02E-02	0.005799	3.43E-05	0.010047	1.06E-01	0.104476	0.005862	2.53E-05	0.011084	0.121447
634	490236.72	3859985.12	2.91255	4.06209	2.83087	4.99071	6.65E-02	0.00433	4.3E-05	0.01596	0.08679	8.79E-02	0.005723	3.46E-05	0.009906	1.04E-01	0.101837	0.005785	2.56E-05	0.010928	0.118576
635	490286.72	3859985.12	2.82475	3.99177	2.82042	4.90767	6.45E-02	0.00425	4.3E-05	0.01569	0.08445	8.53E-02	0.005624	3.45E-05	0.009741	1.01E-01	0.098767	0.005685	2.55E-05	0.010746	0.115224
636	490336.72	3859985.12	2.73189	3.91482	2.77254	4.81785	6.23E-02	0.00417	4.2E-05	0.0154	0.08196	8.25E-02	0.005516	3.39E-05	0.009563	9.76E-02	0.09552	0.005575	2.51E-05	0.010549	0.11167
637	490386.72	3859985.12	2.63258	3.82378	2.68623	4.71907	6.01E-02	0.00407	4E-05	0.01509	0.07928	7.95E-02	0.005387	3.29E-05	0.009367	9.42E-02	0.092048	0.005446	2.43E-05	0.010333	0.107851
638	490436.72	3859985.12	2.53696	3.73254	2.57231	4.61632	5.79E-02	0.00398	3.9E-05	0.01476	0.07667	7.66E-02	0.005259	3.15E-05	0.009163	9.10E-02	0.088705	0.005316	2.33E-05	0.010108	0.104152
639	490486.72	3859985.12	2.52581	3.63824	2.43381	4.50596	5.76E-02	0.00388	3.7E-05	0.01441	0.07596	7.62E-02	0.005126	2.98E-05	0.008944	9.03E-02	0.088315	0.005181	2.2E-05	0.009867	0.103385
640	490536.72	3859985.12	2.51031	3.58432	2.27772	4.56284	5.73E-02	0.00382	3.4E-05	0.01459	0.07573	7.58E-02	0.00505	2.79E-05	0.009057	8.99E-02	0.087773	0.005105	2.06E-05	0.009991	0.102889
641	490586.72	3859985.12	2.48446	3.62877	2.30495	4.61217	5.67E-02	0.00387	3.5E-05	0.01475	0.07534	7.50E-02	0.005113	2.82E-05	0.009155	8.93E-02	0.086869	0.005168	2.09E-05	0.010099	0.102157
642	490636.72	3859985.12	2.44991	3.65453	2.36259	4.62452	5.59E-02	0.00389	3.6E-05	0.01478	0.07462	7.39E-02	0.005149	2.89E-05	0.009179	8.83E-02	0.085661	0.005205	2.14E-05	0.010126	0.101013
643	490686.72	3859985.12	2.41299	3.67028	2.41572	4.60212	5.51E-02	0.00391	3.6E-05	0.01471	0.07373	7.28E-02	0.005171	2.96E-05	0.009135	8.72E-02	0.08437	0.005227	2.19E-05	0.010077	0.099696
644	490736.72	3859985.12	2.3544	3.63513	2.44143	4.53986	5.37E-02	0.00387	3.7E-05	0.01451	0.07215	7.11E-02	0.005122	2.99E-05	0.009011	8.52E-02	0.082321	0.005177	2.21E-05	0.009941	0.097461
645	490786.72	3859985.12	2.29025	3.57775	2.45395	4.44508	5.23E-02	0.00381	3.7E-05	0.01421	0.07032	6.91E-02	0.005041	3E-05	0.008823	8.30E-02	0.080078	0.005095	2.22E-05	0.009733	0.094929
646	490086.72	3860035.12	3.07964	4.53565	2.95431	6.24847	7.03E-02	0.00483	4.5E-05	0.01998	0.09513	9.29E-02	0.00639	3.62E-05	0.012403	1.12E-01	0.107679	0.006459	2.67E-05	0.013682	0.127848
647	490136.72	3860035.12	3.02915	4.28374	2.78434	5.86432	6.91E-02	0.00456	4.2E-05	0.01875	0.09248	9.14E-02	0.006036	3.41E-05	0.01164	1.09E-01	0.105914	0.006101	2.52E-05	0.012841	0.124881
648	490186.72	3860035.12	2.97175	4.06277	2.6771	5.41736	6.78E-02	0.00433	4E-05	0.01732	0.08951	8.97E-02	0.005724	3.28E-05	0.010753	1.06E-01	0.103907	0.005786	2.42E-05	0.011862	0.121579
649	490236.72	3860035.12	2.90695	4.01228	2.7461	4.92634	6.63E-02	0.00427	4.1E-05	0.01575	0.0864	8.77E-02	0.005653	3.36E-05	0.009778	1.03E-01	0.101641	0.005714	2.48E-05	0.010787	0.118167
650	490286.72	3860035.12	2.83235	3.95213	2.77795	4.85545	6.46E-02	0.00421	4.2E-05	0.01552	0.08441	8.55E-02	0.005568	3.4E-05	0.009638	1.01E-01	0.099033	0.005628	2.51E-05	0.010632	0.115318
651	490336.72	3860035.12	2.75649	3.89552	2.77812	4.78013	6.29E-02	0.00415	4.2E-05	0.01528	0.08238	8.32E-02	0.005489	3.4E-05	0.009488	9.82E-02	0.096381	0.005548	2.51E-05	0.010467	0.11242
652	490386.72	3860035.12	2.66652	3.81656	2.73397	4.69402	6.09E-02	0.00407	4.1E-05	0.01501	0.07997	8.05E-02	0.005377	3.35E-05	0.009317	9.52E-02	0.093235	0.005435	2.47E-05	0.010278	0.108973
653	490436.72	3860035.12	2.57639	3.73616	2.65843	4.60338	5.88E-02	0.00398	4E-05	0.01472	0.07753	7.78E-02	0.005264	3.25E-05	0.009137	9.22E-02	0.090083	0.005321	2.4E-05	0.01008	0.105508
654	490486.72	3860035.12	2.48708	3.65279	2.55386	4.50875	5.68E-02	0.00389	3.8E-05	0.01441	0.0751	7.51E-02	0.005147	3.13E-05	0.008949	8.92E-02	0.086961	0.005202	2.31E-05	0.009873	0.102058
655	490536.72	3860035.12	2.46527	3.57132	2.42646	4.41037	5.63E-02	0.0038	3.7E-05	0.0141	0.0742	7.44E-02	0.005032	2.97E-05	0.008754	8.82E-02	0.086198	0.005086	2.2E-05	0.009657	0.100963
656	490586.72	3860035.12	2.45569	3.4875	2.2765	4.43111	5.60E-02	0.00372	3.4E-05	0.01417	0.07396	7.41E-02	0.004914	2.79E-05	0.008795	8.79E-02	0.085863	0.004967	2.06E-05	0.009703	0.100553
657	490636.72	3860035.12	2.42859	3.52256	2.23059	4.48349	5.54E-02	0.00375	3.4E-05	0.01433	0.07354	7.33E-02	0.004963	2.73E-05	0.008899	8.72E-02	0.084916	0.005017	2.02E-05	0.009817	0.09977
658	490686.72	3860035.12	2.39943	3.55167	2.28744	4.50683	5.48E-02	0.00378	3.4E-05	0.01441	0.07298	7.24E-02	0.005004	2.8E-05	0.008946	8.64E-02	0.083896	0.005058	2.07E-05	0.009868	0.098843
659	490736.72	3860035.12	2.37022	3.57601	2.34317	4.50033	5.41E-02	0.00381	3.5E-05	0.01439	0.07232	7.15E-02	0.005038	2.87E-05	0.008933	8.55E-02	0.082875	0.005093	2.12E-05	0.009854	0.097843
660	490786.72	3860035.12	2.31731	3.54946	2.37146	4.45101	5.29E-02	0.00378	3.6E-05	0.01423	0.07093	6.99E-02	0.005001	2.9E-05	0.008835	8.38E-02	0.081025	0.005055	2.15E-05	0.009746	0.095847
661	490836.72	3860035.12	2.25693	3.49899	2.386	4.37109	5.15E-02	0.00373	3.6E-05	0.01397	0.06924	6.81E-02	0.00493	2.92E-05	0.008676	8.18E-02	0.078913	0.004983	2.16E-05	0.009571	0.093489
662	490086.72	3860085.12	3.15687	4.68163	3.06136	6.42457	7.20E-02	0.00499	4.6E-05	0.02054	0.09762	9.53E-02	0.006596	3.75E-05	0.012752	1.15E-01	0.11038	0.006667	2.77E-05	0.014068	0.131142
663	490136.72	3860085.12	2.98507	4.45173	2.90654	6.13082	6.81E-02	0.00474	4.4E-05	0.0196	0.09251	9.01E-02	0.006272	3.56E-05	0.012169	1.09E-01	0.104373	0.00634	2.63E-05	0.013424	0.124163
664	490186.72	3860085.12	2.94541	4.22021	2.74824	5.76772	6.72E-02	0.0045	4.1E-05	0.01844	0.09019	8.89E-02	0.005946	3.36E-05	0.011448	1.06E-01	0.102986	0.00601	2.49E-05	0.012629	0.121651
665	490236.72	3860085.12	2.89142	3.96535	2.62503	5.33865	6.60E-02	0.00422	4E-05	0.01707	0.08732	8.73E-02	0.005587	3.21E-05	0.010597	1.03E-01	0.101098	0.005647	2.37E-05	0.01169	0.118459
666	490286.72	3860085.12	2.83019	3.91441	2.69548	4.86547	6.46E-02	0.00417	4.1E-05	0.01556	0.08435	8.54E-02	0.005515	3.3E-05	0.009657	1.01E-01	0.098957	0.005575	2.44E-05	0.010654	0.11521
667	490336.72	3860085.12	2.75984	3.85592	2.73022	4.72784	6.30E-02	0.00411	4.1E-05	0.01512	0.08225	8.33E-02	0.005433	3.34E-05	0.009384	9.81E-02	0.096498	0.005491	2.47E-05	0.010352	0.112366

668	490386.72	3860085.12	2.68452	3.79331	2.7309	4.65422		6.13E-02	0.00404	4.1E-05	0.01488	0.08022		8.10E-02	0.005345	3.34E-05	0.009238	9.56E-02		0.093864	0.005402	2.47E-05	0.010191	0.109482
669	490436.72	3860085.12	2.60433	3.72483	2.69677	4.57439		5.94E-02	0.00397	4.1E-05	0.01462	0.07807		7.86E-02	0.005248	3.3E-05	0.00908	9.30E-02		0.09106	0.005305	2.44E-05	0.010016	0.106406
670	490486.72	3860085.12	2.51959	3.64808	2.62838	4.48951		5.75E-02	0.00389	4E-05	0.01435	0.07578		7.60E-02	0.00514	3.22E-05	0.008911	9.01E-02		0.088097	0.005195	2.38E-05	0.009831	0.103147
671	490536.72	3860085.12	2.43861	3.57542	2.53466	4.40408		5.57E-02	0.00381	3.8E-05	0.01408	0.07358		7.36E-02	0.005038	3.1E-05	0.008742	8.74E-02		0.085266	0.005092	2.29E-05	0.009643	0.100024
672	490586.72	3860085.12	2.40072	3.49788	2.41429	4.31329		5.48E-02	0.00373	3.6E-05	0.01379	0.07234		7.25E-02	0.004928	2.95E-05	0.008561	8.60E-02		0.083941	0.004981	2.18E-05	0.009445	0.098389
673	490636.72	3860085.12	2.39513	3.40996	2.26922	4.29887		5.47E-02	0.00363	3.4E-05	0.01374	0.07207		7.23E-02	0.004804	2.78E-05	0.008533	8.57E-02		0.083746	0.004856	2.05E-05	0.009413	0.098035
674	490686.72	3860085.12	2.38094	3.43497	2.1672	4.36365		5.43E-02	0.00366	3.3E-05	0.01395	0.07198		7.19E-02	0.00484	2.65E-05	0.008661	8.54E-02		0.083249	0.004892	1.96E-05	0.009555	0.097716
675	490736.72	3860085.12	2.35801	3.46863	2.22454	4.39625		5.38E-02	0.0037	3.4E-05	0.01405	0.0716		7.12E-02	0.004887	2.72E-05	0.008726	8.48E-02		0.082448	0.00494	2.01E-05	0.009626	0.097034
676	490786.72	3860085.12	2.32479	3.4809	2.27151	4.39531		5.31E-02	0.00371	3.4E-05	0.01405	0.07085		7.02E-02	0.004904	2.78E-05	0.008724	8.38E-02		0.081286	0.004957	2.05E-05	0.009624	0.095888
677	490836.72	3860085.12	2.27602	3.4599	2.30034	4.35881		5.19E-02	0.00369	3.5E-05	0.01394	0.0696		6.87E-02	0.004875	2.82E-05	0.008652	8.22E-02		0.079581	0.004927	2.08E-05	0.009544	0.094073
678	490086.72	3860135.12	3.21127	4.69734	3.09395	6.46878		7.33E-02	0.005	4.7E-05	0.02068	0.09902		9.69E-02	0.006618	3.79E-05	0.01284	1.16E-01		0.112282	0.00669	2.8E-05	0.014164	0.133164
679	490136.72	3860135.12	3.07137	4.55832	2.9914	6.28846		7.01E-02	0.00486	4.5E-05	0.0201	0.0951		9.27E-02	0.006422	3.66E-05	0.012482	1.12E-01		0.10739	0.006492	2.71E-05	0.01377	0.127679
680	490186.72	3860135.12	2.90009	4.3746	2.8619	6.01807		6.62E-02	0.00466	4.3E-05	0.01924	0.09013		8.75E-02	0.006164	3.5E-05	0.011945	1.06E-01		0.101401	0.00623	2.59E-05	0.013178	0.120835
681	490236.72	3860135.12	2.85466	4.1414	2.70309	5.66756		6.51E-02	0.00441	4.1E-05	0.01812	0.08772		8.62E-02	0.005835	3.31E-05	0.01125	1.03E-01		0.099813	0.005898	2.45E-05	0.01241	0.118146
682	490286.72	3860135.12	2.80717	3.8826	2.56782	5.25745		6.41E-02	0.00414	3.9E-05	0.01681	0.08505		8.47E-02	0.00547	3.14E-05	0.010435	1.01E-01		0.098153	0.005529	2.32E-05	0.011512	0.115217
683	490336.72	3860135.12	2.75184	3.81313	2.64174	4.80365		6.28E-02	0.00406	4E-05	0.01536	0.08226		8.31E-02	0.005372	3.23E-05	0.009535	9.80E-02		0.096218	0.00543	2.39E-05	0.010518	0.112191
684	490386.72	3860135.12	2.68762	3.75878	2.68118	4.60499		6.13E-02	0.004	4E-05	0.01472	0.0801		8.11E-02	0.005296	3.28E-05	0.00914	9.56E-02		0.093972	0.005353	2.43E-05	0.010083	0.109433
685	490436.72	3860135.12	2.61619	3.69761	2.68555	4.53329		5.97E-02	0.00394	4E-05	0.01449	0.07818		7.90E-02	0.00521	3.29E-05	0.008998	9.32E-02		0.091475	0.005266	2.43E-05	0.009926	0.106692
686	490486.72	3860135.12	2.54249	3.63389	2.65845	4.45825		5.80E-02	0.00387	4E-05	0.01425	0.07619		7.67E-02	0.00512	3.25E-05	0.008849	9.07E-02		0.088898	0.005175	2.41E-05	0.009762	0.103859
687	490536.72	3860135.12	2.46914	3.57185	2.60257	4.38251		5.63E-02	0.00381	3.9E-05	0.01401	0.0742		7.45E-02	0.005033	3.19E-05	0.008699	8.83E-02		0.086333	0.005087	2.35E-05	0.009596	0.10104
688	490586.72	3860135.12	2.39132	3.50146	2.51478	4.30194		5.46E-02	0.00373	3.8E-05	0.01375	0.07209		7.22E-02	0.004933	3.08E-05	0.008539	8.57E-02		0.083612	0.004987	2.28E-05	0.00942	0.098042
689	490636.72	3860135.12	2.33536	3.42409	2.40005	4.21654		5.33E-02	0.00365	3.6E-05	0.01348	0.07046		7.05E-02	0.004824	2.94E-05	0.008369	8.37E-02		0.081656	0.004876	2.17E-05	0.009233	0.095787
690	490686.72	3860135.12	2.33653	3.34209	2.26285	4.17147		5.33E-02	0.00356	3.4E-05	0.01334	0.07025		7.05E-02	0.004709	2.77E-05	0.00828	8.35E-02		0.081697	0.00476	2.05E-05	0.009134	0.095611
691	490736.72	3860135.12	2.32691	3.34027	2.11067	4.24156		5.31E-02	0.00356	3.2E-05	0.01356	0.07025		7.02E-02	0.004706	2.58E-05	0.008419	8.34E-02		0.08136	0.004757	1.91E-05	0.009288	0.095424
692	490786.72	3860135.12	2.31003	3.3777	2.15857	4.28291		5.27E-02	0.0036	3.3E-05	0.01369	0.07004		6.97E-02	0.004759	2.64E-05	0.008501	8.30E-02		0.08077	0.00481	1.95E-05	0.009378	0.094978
693	490836.72	3860135.12	2.27554	3.38325	2.19958	4.2881		5.19E-02	0.0036	3.3E-05	0.01371	0.06928		6.87E-02	0.004767	2.69E-05	0.008511	8.20E-02		0.079564	0.004818	1.99E-05	0.00939	0.093792
694	490086.72	3860185.12	3.23218	4.6831	3.10574	6.41082		7.38E-02	0.00499	4.7E-05	0.0205	0.09929		9.76E-02	0.006598	3.8E-05	0.012725	1.17E-01		0.113013	0.006669	2.81E-05	0.014038	0.133748
695	490136.72	3860185.12	3.14083	4.60733	3.04121	6.33685		7.17E-02	0.00491	4.6E-05	0.02026	0.09689		9.48E-02	0.006491	3.72E-05	0.012578	1.14E-01		0.109819	0.006562	2.75E-05	0.013876	0.130284
696	490186.72	3860185.12	3.00878	4.47546	2.94324	6.16603		6.87E-02	0.00477	4.4E-05	0.01971	0.09319		9.08E-02	0.006306	3.6E-05	0.012239	1.09E-01		0.105202	0.006374	2.66E-05	0.013502	0.125104
697	490236.72	3860185.12	2.84136	4.2915	2.81362	5.90553		6.48E-02	0.00457	4.2E-05	0.01888	0.08834		8.58E-02	0.006046	3.44E-05	0.011722	1.04E-01		0.099348	0.006112	2.55E-05	0.012931	0.118416
698	490286.72	3860185.12	2.77098	4.07043	2.66153	5.57131		6.32E-02	0.00434	4E-05	0.01781	0.08542		8.36E-02	0.005735	3.26E-05	0.011058	1.00E-01		0.096887	0.005797	2.41E-05	0.012199	0.114907
699	490336.72	3860185.12	2.72569	3.81816	2.5112	5.1773		6.22E-02	0.00407	3.8E-05	0.01655	0.08286		8.23E-02	0.00538	3.07E-05	0.010276	9.80E-02		0.095304	0.005438	2.27E-05	0.011337	0.1121
700	490386.72	3860185.12	2.67397	3.71263	2.5868	4.74126		6.10E-02	0.00396	3.9E-05	0.01516	0.08017		8.07E-02	0.005231	3.17E-05	0.009411	9.54E-02		0.093495	0.005287	2.34E-05	0.010382	0.109188
701	490436.72	3860185.12	2.616	3.66213	2.63116	4.48651		5.97E-02	0.0039	4E-05	0.01434	0.07798		7.90E-02	0.00516	3.22E-05	0.008905	9.31E-02		0.091468	0.005215	2.38E-05	0.009824	0.106531
702	490486.72	3860185.12	2.55198	3.60778	2.64249	4.41816		5.82E-02	0.00384	4E-05	0.01412	0.07625		7.70E-02	0.005083	3.23E-05	0.00877	9.09E-02		0.08923	0.005138	2.39E-05	0.009674	0.104066
703	490536.72	3860185.12	2.48574	3.55115	2.62338	4.34887		5.67E-02	0.00378	4E-05	0.0139	0.07445		7.50E-02	0.005003	3.21E-05	0.008632	8.87E-02		0.086914	0.005057	2.37E-05	0.009523	0.101517
704	490586.72	3860185.12	2.41857	3.49601	2.57525	4.27871		5.52E-02	0.00372	3.9E-05	0.01368	0.07264		7.30E-02	0.004926	3.15E-05	0.008493	8.64E-02		0.084565	0.004979	2.33E-05	0.009369	0.098936
705	490636.72	3860185.12	2.343	3.42611	2.49234	4.20115		5.35E-02	0.00365	3.8E-05	0.01343	0.07059		7.07E-02	0.004827	3.05E-05	0.008339	8.39E-02		0.081923	0.004879	2.25E-05	0.009199	0.096024
706	490686.72	3860185.12	2.27233	3.35672	2.38663	4.12307		5.19E-02	0.00358	3.6E-05	0.01318	0.06865		6.86E-02	0.004729	2.92E-05	0.008184	8.15E-02		0.079452	0.00478	2.16E-05	0.009028	0.093282
707	490736.72	3860185.12	2.27701	3.27434	2.25453	4.04678		5.20E-02	0.00349	3.4E-05	0.01294	0.06842		6.87E-02	0.004613	2.76E-05	0.008032	8.14E-02		0.079616	0.004663	2.04E-05	0.008861	0.09316
708	490786.72	3860185.12	2.27336	3.24949	2.10928	4.12273		5.19E-02	0.00346	3.2E-05	0.01318	0.06855		6.86E-02	0.004578	2.58E-05	0.008183	8.14E-02		0.079488	0.004628	1.91E-05	0.009027	0.093162
709	490836.72	3860185.12	2.25731	3.28284	2.09123	4.16827		5.15E-02	0.0035	3.2E-05	0.01333	0.06837		6.81E-02	0.004625	2.56E-05	0.008274	8.11E-02		0.078927	0.004675	1.89E-05	0.009127	0.092748
710	490086.72	3860235.12	3.21368	4.62426	3.08806	6.25681		7.33E-02	0.00493	4.7E-05	0.02	0.09831		9.70E-02	0.006515	3.78E-05	0.012419	1.16E-01		0.112366	0.006586	2.79E-05	0.0137	0.13268
711	490136.72	3860235.12	3.16238	4.5971	3.05382	6.27961		7.22E-02	0.0049	4.6E-05	0.02008	0.09719		9.54E-02	0.006477	3.74E-05	0.012464	1.14E-01		0.110572	0.006547	2.76E-05	0.01375	0.130897
712	490186.72	3860235.12	3.07238	4.51873	2.98891	6.209		7.01E-02	0.00481	4.5E-05	0.01985	0.09482		9.27E-02	0.006367	3.66E-05	0.012324	1.11E-01		0.107426	0.006435	2.7E-05	0.013596	0.127484
713	490236.72	3860235.12	2.94387	4.38704	2.89161	6.04438		6.72E-02	0.00467	4.4E-05	0.01932	0.09122		8.88E-02	0.006181	3.54E-05	0.011997	1.07E-01		0.102932	0.006248	2.62E-05	0.013235	0.122441
714	490286.72	3860235.12	2.78517	4.21197	2.76715	5.79648		6.36E-02	0.00449	4.2E-05	0.01853	0.08662		8.41E-02	0.005934	3.39E-05	0.011505	1.02E-01		0.097383	0.005998	2.5E-05	0.012692	0.116099
715	490336.72	3860235.12	2.69111	4.00178	2.62087	5.47731		6.14E-02	0.00426	3.9E-05	0.01751	0.08323		8.12E-02	0.005638	3.21E-05	0.010872	9.78E-02		0.094095	0.005699	2.37E-05	0.011993	0.111811
716	490386.72	3860235.12	2.64988	3.75848	2.45766	5.09996		6.05E-02	0.004	3.7E-05	0.0163	0.08082		8.00E-02	0.005295	3.01E-05	0.010123	9.54E-02		0.092653	0.005353	2.22E-05	0.011167	0.109195
717	490436.72	3860235.12	2.60349	3.62316	2.53667	4.68122		5.94E-02	0.00386	3.8E-05	0.01497	0.07828		7.86E-02	0.005105	3.1E-05	0.009292	9.30E-02		0.091031	0.00516	2.29E-05	0.01025	0.106464
718	490486.72	3860235.12	2.5493	3.57409	2.58403	4.37254		5.82E-02	0.00381	3.9E-05	0.01398	0.076		7.69E-02	0.005036	3.16E-05	0.008679	9.07E-02		0.089136	0.00509	2.34E-05	0.009574	0.103824
719	490536.72	3860235.12	2.49237	3.52543	2.60221	4.31084		5.69E-02	0.00376	3.9E-05	0.01378	0.07445		7.52E-02	0.004967	3.18E-05	0.008557	8.88E-02		0.087146	0.005021	2.35E-05	0.009439	0.101629
720	490586.72	3860235.12	2.43174	3.47317	2.58951	4.24461		5.55E-02	0.0037	3.9E-05	0.01357	0.0728		7.34E-02	0.004893	3.17E-05	0.008425	8.67E-02		0.085026	0.004946	2.34E-05	0.009294	0.09929
721	490636.72	3860235.12	2.36644	3.41701	2.54512	4.17611		5.40E-02	0.00364	3.8E-05	0.01335	0.07103		7.14E-02	0.004814	3.12E-05	0.008289	8.46E-02		0.082742	0.004866	2.3E-05	0.009144	0.096776
722	490686.72	3860235.12	2.29835	3.35674	2.47183	4.10554		5.25E-02	0.00358	3.7E-05	0.01313	0.06919		6.94E-02	0.004729	3.03E-05	0.008149	8.23E-02		0.080362	0.00478	2.24E-05	0.00899	0.094154
723	490736.72	3860235.12	2.22677	3.28799	2.37093	4.0302		5.08E-02	0.0035	3.6E-05	0.01288	0.06724		6.72E-02	0.004633	2.9E-05	0.008	7.99E-02		0.077859	0.004683	2.14E-05	0.008825	0.091388
724	490786.72	3860235.12	2.21997	3.21315	2.24727	3.95105		5.07E-02	0.00342	3.4E-05	0.01263	0.06675		6.70E-02	0.004527	2.75E-05	0.007842	7.94E-02		0.077621	0.004576	2.03E-05	0.008651	0.090869
725	490086.72	3860285.12	3.1525	4.51242	3.03479	6.01814		7.19E-02	0.00481	4.6E-05	0.01924	0.09604		9.51E-02	0.006358	3.71E-05	0.011945	1.13E-01		0.110227	0.006426	2.75E-05	0.013178	0.129859
726	490136.72	3860285.12	3.1426	4.53679	3.03389	6.12868		7.17E-02	0.00483	4.6E-05	0.01959	0.09619		9.48E-02	0.006392	3.71E-05	0.012165	1.13E-01		0.109881	0.006461	2.74E-05	0.01342	0.129789
727	490186.72	3860285.12	3.09146	4.50681	2.99936	6.15033		7.05E-02	0.0048	4.5E-05	0.01966	0.09506		9.33E-02	0.00635	3.67E-05	0.012208	1.12E-01		0.108093	0.006418	2.71E-05	0.013467	0.128005
728	490236.72	3860285.12	3.00565	4.43132	2.93696	6.08454		6.86E-02	0.00472	4.4E-05	0.01945	0.09281		9.07E-02	0.006243	3.59E-05	0.012077	1.09E-01		0.105092	0.006311	2.66E-05	0.013323	0.124753

729	490286.72	3860285.12	2.88146	4.30193	2.84141	5.9268	6.58E-02	0.00458	4.3E-05	0.01895	0.08933	8.70E-02	0.006061	3.48E-05	0.011764	1.05E-01	0.10075	0.006127	2.57E-05	0.012978	0.11988
730	490336.72	3860285.12	2.73037	4.1343	2.72137	5.69022	6.23E-02	0.0044	4.1E-05	0.01819	0.08495	8.24E-02	0.005825	3.33E-05	0.011294	9.96E-02	0.095467	0.005888	2.46E-05	0.01246	0.113839
731	490386.72	3860285.12	2.61582	3.93569	2.58198	5.38604	5.97E-02	0.00419	3.9E-05	0.01722	0.08115	7.89E-02	0.005545	3.16E-05	0.010691	9.52E-02	0.091462	0.005605	2.34E-05	0.011794	0.108884
732	490436.72	3860285.12	2.57768	3.70155	2.42266	5.02425	5.88E-02	0.00394	3.7E-05	0.01606	0.07887	7.78E-02	0.005215	2.97E-05	0.009973	9.30E-02	0.090128	0.005272	2.19E-05	0.011001	0.106423
733	490486.72	3860285.12	2.53482	3.53557	2.48666	4.62134	5.78E-02	0.00377	3.7E-05	0.01477	0.07643	7.65E-02	0.004981	3.04E-05	0.009173	9.07E-02	0.08863	0.005035	2.25E-05	0.010119	0.103807
734	490536.72	3860285.12	2.48483	3.48972	2.53751	4.26263	5.67E-02	0.00372	3.8E-05	0.01363	0.07409	7.50E-02	0.004917	3.11E-05	0.008461	8.84E-02	0.086882	0.00497	2.3E-05	0.009334	0.101209
735	490586.72	3860285.12	2.43132	3.4421	2.55932	4.20382	5.55E-02	0.00367	3.9E-05	0.01344	0.07263	7.34E-02	0.00485	3.13E-05	0.008344	8.66E-02	0.085011	0.004902	2.32E-05	0.009205	0.099141
736	490636.72	3860285.12	2.37494	3.39198	2.55179	4.14045	5.42E-02	0.00361	3.8E-05	0.01324	0.07109	7.17E-02	0.004779	3.12E-05	0.008218	8.47E-02	0.08304	0.004831	2.31E-05	0.009066	0.09696
737	490686.72	3860285.12	2.31583	3.34116	2.51512	4.07675	5.28E-02	0.00356	3.8E-05	0.01303	0.06948	6.99E-02	0.004707	3.08E-05	0.008092	8.27E-02	0.080973	0.004758	2.28E-05	0.008927	0.094681
738	490736.72	3860285.12	2.25164	3.28355	2.44805	4.0094	5.14E-02	0.0035	3.7E-05	0.01282	0.06774	6.80E-02	0.004626	3E-05	0.007958	8.06E-02	0.078728	0.004676	2.21E-05	0.008779	0.092206
739	490786.72	3860285.12	2.18604	3.22255	2.3558	3.94113	4.99E-02	0.00343	3.6E-05	0.0126	0.06596	6.60E-02	0.00454	2.88E-05	0.007823	7.84E-02	0.076435	0.004589	2.13E-05	0.00863	0.089675
740	490086.72	3860335.12	3.05716	4.35739	2.95095	5.71095	6.98E-02	0.00464	4.4E-05	0.01826	0.09271	9.23E-02	0.006139	3.61E-05	0.011336	1.10E-01	0.106893	0.006206	2.67E-05	0.012505	0.125631
741	490136.72	3860335.12	3.08452	4.42929	2.98173	5.89785	7.04E-02	0.00472	4.5E-05	0.01886	0.09401	9.31E-02	0.006241	3.65E-05	0.011707	1.11E-01	0.10785	0.006308	2.7E-05	0.012914	0.127099
742	490186.72	3860335.12	3.07161	4.44744	2.97847	6.00323	7.01E-02	0.00474	4.5E-05	0.01919	0.09407	9.27E-02	0.006266	3.65E-05	0.011916	1.11E-01	0.107399	0.006334	2.69E-05	0.013145	0.126904
743	490236.72	3860335.12	3.02584	4.42371	2.94867	6.02735	6.91E-02	0.00471	4.4E-05	0.01927	0.09308	9.13E-02	0.006233	3.61E-05	0.011964	1.10E-01	0.105798	0.0063	2.67E-05	0.013198	0.125323
744	490286.72	3860335.12	2.93952	4.34338	2.8844	5.96265	6.71E-02	0.00463	4.3E-05	0.01906	0.09082	8.87E-02	0.00612	3.53E-05	0.011835	1.07E-01	0.10278	0.006186	2.61E-05	0.013056	0.122048
745	490336.72	3860335.12	2.82163	4.2204	2.7928	5.81294	6.44E-02	0.0045	4.2E-05	0.01858	0.08751	8.52E-02	0.005946	3.42E-05	0.011538	1.03E-01	0.098658	0.00601	2.53E-05	0.012728	0.117422
746	490386.72	3860335.12	2.67895	4.06202	2.67832	5.58802	6.11E-02	0.00433	4E-05	0.01787	0.08337	8.09E-02	0.005723	3.28E-05	0.011092	9.77E-02	0.093669	0.005785	2.42E-05	0.012236	0.111714
747	490436.72	3860335.12	2.54245	3.868	2.54264	5.29594	5.80E-02	0.00412	3.8E-05	0.01693	0.07911	7.67E-02	0.00545	3.11E-05	0.010512	9.27E-02	0.088897	0.005509	2.3E-05	0.011596	0.106025
748	490486.72	3860335.12	2.50749	3.64448	2.38894	4.94912	5.72E-02	0.00388	3.6E-05	0.01582	0.07696	7.57E-02	0.005135	2.92E-05	0.009823	9.07E-02	0.087674	0.00519	2.16E-05	0.010837	0.103723
749	490536.72	3860335.12	2.46947	3.45113	2.43816	4.56287	5.64E-02	0.00368	3.7E-05	0.01459	0.07466	7.45E-02	0.004862	2.98E-05	0.009057	8.85E-02	0.086345	0.004915	2.21E-05	0.009991	0.101273
750	490586.72	3860335.12	2.42326	3.40861	2.49224	4.15833	5.53E-02	0.00363	3.8E-05	0.01329	0.07226	7.31E-02	0.004803	3.05E-05	0.008254	8.62E-02	0.084729	0.004854	2.25E-05	0.009105	0.098711
751	490636.72	3860335.12	2.37471	3.3659	2.51917	4.1019	5.42E-02	0.00359	3.8E-05	0.01311	0.07093	7.17E-02	0.004742	3.08E-05	0.008142	8.46E-02	0.083032	0.004794	2.28E-05	0.008982	0.09683
752	490686.72	3860335.12	2.32244	3.31867	2.51678	4.04185	5.30E-02	0.00354	3.8E-05	0.01292	0.0695	7.01E-02	0.004676	3.08E-05	0.008023	8.28E-02	0.081204	0.004726	2.28E-05	0.00885	0.094803
753	490736.72	3860335.12	2.26645	3.26893	2.485	3.98069	5.17E-02	0.00348	3.7E-05	0.01273	0.06797	6.84E-02	0.004606	3.04E-05	0.007901	8.09E-02	0.079246	0.004655	2.25E-05	0.008716	0.092641
754	490786.72	3860335.12	2.21028	3.22001	2.42797	3.92024	5.04E-02	0.00343	3.7E-05	0.01253	0.06644	6.67E-02	0.004537	2.97E-05	0.007781	7.91E-02	0.077282	0.004586	2.2E-05	0.008584	0.090474
755	490086.72	3860385.12	2.93751	4.17215	2.84314	5.35476	6.70E-02	0.00444	4.3E-05	0.01712	0.08864	8.87E-02	0.005878	3.48E-05	0.010629	1.05E-01	0.10271	0.005942	2.57E-05	0.011725	0.120402
756	490136.72	3860385.12	2.99555	4.28315	2.9017	5.60251	6.84E-02	0.00456	4.4E-05	0.01791	0.09088	9.04E-02	0.006035	3.55E-05	0.01112	1.08E-01	0.104739	0.0061	2.63E-05	0.012268	0.123133
757	490186.72	3860385.12	3.01468	4.34141	2.92582	5.7787	6.88E-02	0.00463	4.4E-05	0.01847	0.09194	9.10E-02	0.006117	3.58E-05	0.01147	1.09E-01	0.105408	0.006183	2.65E-05	0.012653	0.124271
758	490236.72	3860385.12	3.00426	4.36238	2.92535	5.88266	6.86E-02	0.00465	4.4E-05	0.01881	0.09206	9.07E-02	0.006146	3.58E-05	0.011676	1.09E-01	0.105044	0.006213	2.65E-05	0.012881	0.124164
759	490286.72	3860385.12	2.95629	4.3323	2.89301	5.9039	6.75E-02	0.00462	4.4E-05	0.01887	0.091	8.92E-02	0.006104	3.54E-05	0.011719	1.07E-01	0.103367	0.00617	2.62E-05	0.012928	0.12249
760	490336.72	3860385.12	2.87537	4.25758	2.83269	5.844	6.56E-02	0.00454	4.3E-05	0.01868	0.08888	8.68E-02	0.005999	3.47E-05	0.0116	1.04E-01	0.100537	0.006063	2.56E-05	0.012796	0.119423
761	490386.72	3860385.12	2.76402	4.14192	2.74551	5.70241	6.31E-02	0.00441	4.1E-05	0.01823	0.08576	8.34E-02	0.005836	3.36E-05	0.011319	1.01E-01	0.096644	0.005899	2.48E-05	0.012486	0.115054
762	490436.72	3860385.12	2.62811	3.98964	2.63525	5.48777	6.00E-02	0.00425	4E-05	0.01754	0.08181	7.93E-02	0.005621	3.23E-05	0.010893	9.59E-02	0.091892	0.005682	2.38E-05	0.012016	0.109614
763	490486.72	3860385.12	2.47396	3.80494	2.50566	5.20937	5.65E-02	0.00405	3.8E-05	0.01665	0.0772	7.47E-02	0.005361	3.07E-05	0.01034	9.04E-02	0.086502	0.005419	2.27E-05	0.011407	0.10335
764	490536.72	3860385.12	2.44267	3.59173	2.35801	4.87724	5.57E-02	0.00383	3.6E-05	0.01559	0.0752	7.37E-02	0.005061	2.89E-05	0.009681	8.85E-02	0.085408	0.005115	2.13E-05	0.01068	0.101224
765	490586.72	3860385.12	2.40638	3.36981	2.39034	4.50495	5.49E-02	0.00359	3.6E-05	0.0144	0.07294	7.26E-02	0.004748	2.93E-05	0.008942	8.63E-02	0.084139	0.004799	2.16E-05	0.009864	0.098824
766	490636.72	3860385.12	2.36438	3.33034	2.4481	4.10484	5.40E-02	0.00355	3.7E-05	0.01312	0.07067	7.14E-02	0.004692	3E-05	0.008148	8.42E-02	0.08267	0.004743	2.21E-05	0.008988	0.096424
767	490686.72	3860385.12	2.32074	3.29243	2.48021	4.00483	5.30E-02	0.00351	3.7E-05	0.0128	0.06931	7.00E-02	0.004639	3.04E-05	0.007949	8.27E-02	0.081145	0.004689	2.24E-05	0.008769	0.094625
768	490736.72	3860385.12	2.27046	3.24653	2.48105	3.94626	5.18E-02	0.00346	3.7E-05	0.01262	0.06793	6.85E-02	0.004574	3.04E-05	0.007833	8.10E-02	0.079387	0.004624	2.24E-05	0.008641	0.092673
769	490786.72	3860385.12	2.21828	3.19917	2.4548	3.88732	5.06E-02	0.00341	3.7E-05	0.01243	0.0665	6.69E-02	0.004507	3E-05	0.007716	7.92E-02	0.077562	0.004556	2.22E-05	0.008512	0.090652
770	490136.72	3860435.12	2.877	4.09795	2.79272	5.25562	6.57E-02	0.00437	4.2E-05	0.0168	0.08687	8.68E-02	0.005774	3.42E-05	0.010432	1.03E-01	0.100594	0.005836	2.53E-05	0.011508	0.117964
771	490186.72	3860435.12	2.92988	4.20095	2.84781	5.49325	6.69E-02	0.00448	4.3E-05	0.01756	0.08894	8.84E-02	0.005919	3.49E-05	0.010904	1.05E-01	0.102443	0.005983	2.58E-05	0.012028	0.12048
772	490236.72	3860435.12	2.95012	4.26076	2.87393	5.66507	6.73E-02	0.00454	4.3E-05	0.01811	0.09002	8.90E-02	0.006003	3.52E-05	0.011245	1.06E-01	0.103151	0.006068	2.6E-05	0.012405	0.121649
773	490286.72	3860435.12	2.93707	4.27609	2.8713	5.76432	6.70E-02	0.00456	4.3E-05	0.01843	0.09005	8.86E-02	0.006025	3.51E-05	0.011442	1.06E-01	0.102694	0.00609	2.6E-05	0.012622	0.121432
774	490336.72	3860435.12	2.88953	4.24431	2.83898	5.78428	6.59E-02	0.00452	4.3E-05	0.01849	0.089	8.72E-02	0.00598	3.47E-05	0.011481	1.05E-01	0.101032	0.006045	2.57E-05	0.012666	0.119768
775	490386.72	3860435.12	2.81327	4.17428	2.78202	5.72869	6.42E-02	0.00445	4.2E-05	0.01831	0.087	8.49E-02	0.005881	3.4E-05	0.011371	1.02E-01	0.098366	0.005945	2.52E-05	0.012544	0.11688
776	490436.72	3860435.12	2.70819	4.06557	2.69918	5.59517	6.18E-02	0.00433	4.1E-05	0.01789	0.08406	8.17E-02	0.005728	3.3E-05	0.011106	9.86E-02	0.094692	0.00579	2.44E-05	0.012252	0.112758
777	490486.72	3860435.12	2.57903	3.91935	2.59338	5.39015	5.89E-02	0.00418	3.9E-05	0.01723	0.0803	7.78E-02	0.005522	3.17E-05	0.010699	9.41E-02	0.090176	0.005582	2.35E-05	0.011803	0.107583
778	490536.72	3860435.12	2.43175	3.7421	2.46851	5.12399	5.55E-02	0.00399	3.7E-05	0.01638	0.0759	7.34E-02	0.005272	3.02E-05	0.010171	8.89E-02	0.085026	0.005329	2.23E-05	0.01122	0.101597
779	490586.72	3860435.12	2.37772	3.53598	2.32522	4.80477	5.43E-02	0.00377	3.5E-05	0.01536	0.07342	7.18E-02	0.004982	2.85E-05	0.009537	8.63E-02	0.083137	0.005036	2.1E-05	0.010521	0.098714
780	490636.72	3860435.12	2.34325	3.31036	2.34136	4.44555	5.35E-02	0.00353	3.5E-05	0.01421	0.07125	7.07E-02	0.004664	2.87E-05	0.008824	8.42E-02	0.081932	0.004714	2.12E-05	0.009734	0.096401
781	490686.72	3860435.12	2.31762	3.25383	2.4036	4.0614	5.29E-02	0.00347	3.6E-05	0.01298	0.06938	6.99E-02	0.004584	2.94E-05	0.008061	8.26E-02	0.081035	0.004634	2.17E-05	0.008893	0.094584
782	490736.72	3860435.12	2.27982	3.2188	2.44029	3.91128	5.20E-02	0.00343	3.7E-05	0.0125	0.068	6.88E-02	0.004535	2.99E-05	0.007763	8.11E-02	0.079714	0.004584	2.21E-05	0.008564	0.092884
783	490786.72	3860435.12	2.22067	3.17707	2.44618	3.86834	5.07E-02	0.00338	3.7E-05	0.01237	0.06647	6.70E-02	0.004476	2.99E-05	0.007678	7.92E-02	0.077646	0.004525	2.21E-05	0.00847	0.090663
784	490136.72	3860485.12	2.74653	3.89947	2.66967	4.88038	6.27E-02	0.00415	4E-05	0.0156	0.08248	8.29E-02	0.005494	3.27E-05	0.009687	9.81E-02	0.096032	0.005553	2.42E-05	0.010686	0.112296
785	490186.72	3860485.12	2.82049	4.02916	2.74548	5.16085	6.44E-02	0.00429	4.1E-05	0.0165	0.0852	8.51E-02	0.005677	3.36E-05	0.010244	1.01E-01	0.098618	0.005738	2.48E-05	0.011301	0.115682
786	490236.72	3860485.12	2.86616	4.12077	2.795	5.38686	6.54E-02	0.00439	4.2E-05	0.01722	0.08706	8.65E-02	0.005806	3.42E-05	0.010692	1.03E-01	0.100215	0.005869	2.53E-05	0.011795	0.117904
787	490286.72	3860485.12	2.886	4.17944	2.82156	5.5537	6.59E-02	0.00445	4.3E-05	0.01776	0.08811	8.71E-02	0.005889	3.45E-05	0.011024	1.04E-01	0.100909	0.005952	2.55E-05	0.012161	0.119047
788	490336.72	3860485.12	2.87157	4.19129	2.81789	5.64889	6.55E-02	0.00447	4.2E-05	0.01806	0.0881	8.67E-02	0.005905	3.45E-05	0.011212	1.04E-01	0.100404	0.005969	2.55E-05	0.012369	0.118768
789	490386.72	3860485.12	2.82912	4.16573	2.79007	5.67136	6.46E-02	0.00444	4.2E-05	0.01813	0.08717	8.54E-02	0.005869	3.41E-05	0.011257	1.03E-01	0.09892	0.005933	2.52E-05	0.012418	0.117296

790	490436.72	3860485.12	2.7594	4.10394	2.7384	5.62178	6.30E-02	0.00437	4.1E-05	0.01797	0.08536	8.33E-02	0.005782	3.35E-05	0.011159	1.00E-01	0.096482	0.005845	2.48E-05	0.01231	0.114661
791	490486.72	3860485.12	2.65735	3.99652	2.65699	5.49357	6.06E-02	0.00426	4E-05	0.01756	0.0825	8.02E-02	0.005631	3.25E-05	0.010904	9.68E-02	0.092914	0.005692	2.4E-05	0.012029	0.110659
792	490536.72	3860485.12	2.53202	3.85222	2.55304	5.29567	5.78E-02	0.0041	3.8E-05	0.01693	0.07886	7.64E-02	0.005428	3.12E-05	0.010511	9.24E-02	0.088532	0.005486	2.31E-05	0.011596	0.105637
793	490586.72	3860485.12	2.38908	3.67828	2.43038	5.0388	5.45E-02	0.00392	3.7E-05	0.01611	0.07459	7.21E-02	0.005182	2.97E-05	0.010001	8.73E-02	0.083534	0.005238	2.2E-05	0.011033	0.099828
794	490636.72	3860485.12	2.31617	3.48321	2.29373	4.7342	5.29E-02	0.00371	3.5E-05	0.01514	0.07174	6.99E-02	0.004908	2.81E-05	0.009397	8.42E-02	0.080985	0.004961	2.08E-05	0.010366	0.096332
795	490686.72	3860485.12	2.29002	3.26494	2.29441	4.38788	5.23E-02	0.00348	3.5E-05	0.01403	0.0698	6.91E-02	0.0046	2.81E-05	0.008709	8.25E-02	0.08007	0.00465	2.08E-05	0.009608	0.094349
796	490736.72	3860485.12	2.28124	3.18023	2.35974	4.01827	5.21E-02	0.00339	3.6E-05	0.01285	0.06833	6.88E-02	0.004481	2.89E-05	0.007976	8.13E-02	0.079763	0.004529	2.13E-05	0.008799	0.093113
797	490786.72	3860485.12	2.24813	3.14539	2.39865	3.81998	5.13E-02	0.00335	3.6E-05	0.01221	0.0669	6.79E-02	0.004432	2.94E-05	0.007582	7.99E-02	0.078606	0.004479	2.17E-05	0.008364	0.091471
798	490136.72	3860535.12	2.60036	3.67976	2.52799	4.4869	5.93E-02	0.00392	3.8E-05	0.01434	0.07765	7.85E-02	0.005185	3.09E-05	0.008906	9.26E-02	0.090921	0.005241	2.29E-05	0.009825	0.10601
799	490186.72	3860535.12	2.69985	3.84501	2.62992	4.80063	6.16E-02	0.0041	4E-05	0.01535	0.0811	8.15E-02	0.005417	3.22E-05	0.009529	9.65E-02	0.0944	0.005476	2.38E-05	0.010512	0.110412
800	490236.72	3860535.12	2.76207	3.95634	2.69592	5.06601	6.30E-02	0.00421	4.1E-05	0.0162	0.08348	8.34E-02	0.005574	3.3E-05	0.010056	9.90E-02	0.096576	0.005634	2.44E-05	0.011093	0.113327
801	490286.72	3860535.12	2.80484	4.04333	2.74376	5.28376	6.40E-02	0.00431	4.1E-05	0.01689	0.08525	8.47E-02	0.005697	3.36E-05	0.010488	1.01E-01	0.098071	0.005758	2.48E-05	0.01157	0.115424
802	490336.72	3860535.12	2.82296	4.09871	2.7694	5.44479	6.44E-02	0.00437	4.2E-05	0.01741	0.08624	8.52E-02	0.005775	3.39E-05	0.010807	1.02E-01	0.098705	0.005837	2.51E-05	0.011922	0.116489
803	490386.72	3860535.12	2.81424	4.11867	2.77137	5.54181	6.42E-02	0.00439	4.2E-05	0.01772	0.08637	8.49E-02	0.005803	3.39E-05	0.011	1.02E-01	0.0984	0.005866	2.51E-05	0.012135	0.116425
804	490436.72	3860535.12	2.77518	4.09678	2.74647	5.56583	6.33E-02	0.00436	4.1E-05	0.01779	0.08553	8.38E-02	0.005772	3.36E-05	0.011048	1.01E-01	0.097034	0.005834	2.48E-05	0.012187	0.115081
805	490486.72	3860535.12	2.70616	4.03379	2.69461	5.5173	6.18E-02	0.0043	4.1E-05	0.01764	0.08373	8.17E-02	0.005683	3.3E-05	0.010951	9.83E-02	0.094621	0.005745	2.44E-05	0.012081	0.112471
806	490536.72	3860535.12	2.61938	3.94812	2.62671	5.40489	5.98E-02	0.00421	4E-05	0.01728	0.0813	7.91E-02	0.005563	3.21E-05	0.010728	9.54E-02	0.091586	0.005623	2.38E-05	0.011835	0.109068
807	490586.72	3860535.12	2.48814	3.7899	2.5153	5.2057	5.68E-02	0.00404	3.8E-05	0.01664	0.0775	7.51E-02	0.00534	3.08E-05	0.010333	9.08E-02	0.086998	0.005397	2.28E-05	0.011399	0.103817
808	490636.72	3860535.12	2.35069	3.62207	2.39622	4.95876	5.36E-02	0.00386	3.6E-05	0.01585	0.07339	7.09E-02	0.005103	2.93E-05	0.009843	8.59E-02	0.082192	0.005158	2.17E-05	0.010858	0.09823
809	490686.72	3860535.12	2.25762	3.43312	2.26331	4.66531	5.15E-02	0.00366	3.4E-05	0.01492	0.07013	6.81E-02	0.004837	2.77E-05	0.00926	8.23E-02	0.078938	0.004889	2.05E-05	0.010215	0.094063
810	490736.72	3860535.12	2.24925	3.22172	2.24932	4.33227	5.13E-02	0.00343	3.4E-05	0.01385	0.06865	6.79E-02	0.004539	2.75E-05	0.008599	8.11E-02	0.078645	0.004588	2.03E-05	0.009486	0.09274
811	490786.72	3860535.12	2.24556	3.11001	2.31703	3.97556	5.12E-02	0.00331	3.5E-05	0.01271	0.0673	6.78E-02	0.004382	2.84E-05	0.007891	8.01E-02	0.078516	0.004429	2.1E-05	0.008705	0.091671
812	490136.72	3860585.12	2.45209	3.45942	2.39489	4.09183	5.60E-02	0.00369	3.6E-05	0.01308	0.07276	7.40E-02	0.004874	2.93E-05	0.008122	8.70E-02	0.085737	0.004927	2.17E-05	0.00896	0.099645
813	490186.72	3860585.12	2.54082	3.60398	2.47481	4.40673	5.80E-02	0.00384	3.7E-05	0.01409	0.07595	7.67E-02	0.005078	3.03E-05	0.008747	9.05E-02	0.08884	0.005133	2.24E-05	0.009649	0.103644
814	490236.72	3860585.12	2.63409	3.75951	2.57189	4.70911	6.01E-02	0.00401	3.9E-05	0.01506	0.07921	7.95E-02	0.005297	3.15E-05	0.009347	9.42E-02	0.092101	0.005354	2.33E-05	0.010311	0.10779
815	490286.72	3860585.12	2.70439	3.88382	2.64655	4.97303	6.17E-02	0.00414	4E-05	0.0159	0.08179	8.16E-02	0.005472	3.24E-05	0.009871	9.70E-02	0.094559	0.005531	2.39E-05	0.010889	0.111003
816	490336.72	3860585.12	2.74715	3.97069	2.6953	5.18505	6.27E-02	0.00423	4.1E-05	0.01658	0.08354	8.29E-02	0.005594	3.3E-05	0.010292	9.88E-02	0.096054	0.005655	2.44E-05	0.011354	0.113087
817	490386.72	3860585.12	2.76316	4.02219	2.71956	5.33987	6.31E-02	0.00429	4.1E-05	0.01707	0.08446	8.34E-02	0.005667	3.33E-05	0.010599	9.97E-02	0.096614	0.005728	2.46E-05	0.011693	0.114059
818	490436.72	3860585.12	2.76362	4.05597	2.73049	5.44186	6.31E-02	0.00432	4.1E-05	0.0174	0.08483	8.34E-02	0.005715	3.34E-05	0.010802	1.00E-01	0.09663	0.005776	2.47E-05	0.011916	0.114347
819	490486.72	3860585.12	2.73362	4.04771	2.71411	5.47237	6.24E-02	0.00431	4.1E-05	0.0175	0.08423	8.25E-02	0.005703	3.32E-05	0.010862	9.91E-02	0.095581	0.005765	2.46E-05	0.011983	0.113353
820	490536.72	3860585.12	2.66282	3.97928	2.65971	5.42307	6.08E-02	0.00424	4E-05	0.01734	0.08238	8.04E-02	0.005607	3.26E-05	0.010764	9.68E-02	0.093105	0.005667	2.41E-05	0.011875	0.110671
821	490586.72	3860585.12	2.55369	3.8522	2.56882	5.29245	5.83E-02	0.0041	3.9E-05	0.01692	0.07934	7.71E-02	0.005428	3.14E-05	0.010505	9.30E-02	0.08929	0.005486	2.32E-05	0.011589	0.106388
822	490636.72	3860585.12	2.44174	3.723	2.47468	5.11427	5.57E-02	0.00397	3.7E-05	0.01635	0.07608	7.37E-02	0.005245	3.03E-05	0.010151	8.91E-02	0.085375	0.005302	2.24E-05	0.011199	0.101898
823	490686.72	3860585.12	2.31171	3.56465	2.36124	4.87888	5.28E-02	0.0038	3.6E-05	0.0156	0.07219	6.98E-02	0.005022	2.89E-05	0.009684	8.45E-02	0.080829	0.005077	2.14E-05	0.010683	0.09661
824	490736.72	3860585.12	2.20034	3.38302	2.23251	4.597	5.02E-02	0.0036	3.4E-05	0.0147	0.06855	6.64E-02	0.004766	2.73E-05	0.009125	8.03E-02	0.076935	0.004818	2.02E-05	0.010066	0.091839
825	490786.72	3860585.12	2.20818	3.17817	2.20423	4.27637	5.04E-02	0.00339	3.3E-05	0.01367	0.06748	6.66E-02	0.004478	2.7E-05	0.008488	7.96E-02	0.077209	0.004526	1.99E-05	0.009364	0.091119
826	490136.72	3860635.12	2.42063	3.24177	2.41408	3.8174	5.52E-02	0.00345	3.6E-05	0.0122	0.07094	7.31E-02	0.004567	2.95E-05	0.007577	8.52E-02	0.084637	0.004617	2.18E-05	0.008359	0.097635
827	490186.72	3860635.12	2.40897	3.4081	2.3539	4.0314	5.50E-02	0.00363	3.5E-05	0.01289	0.07153	7.27E-02	0.004802	2.88E-05	0.008002	8.55E-02	0.084229	0.004854	2.13E-05	0.008827	0.097932
828	490236.72	3860635.12	2.49951	3.55577	2.43836	4.33995	5.70E-02	0.00379	3.7E-05	0.01387	0.07474	7.54E-02	0.00501	2.98E-05	0.008614	8.91E-02	0.087395	0.005064	2.21E-05	0.009503	0.101984
829	490286.72	3860635.12	2.5825	3.69578	2.52684	4.6285	5.89E-02	0.00394	3.8E-05	0.0148	0.07771	7.79E-02	0.005207	3.09E-05	0.009187	9.24E-02	0.090297	0.005263	2.29E-05	0.010135	0.105718
830	490336.72	3860635.12	2.64862	3.81347	2.59853	4.88253	6.04E-02	0.00406	3.9E-05	0.01561	0.08016	7.99E-02	0.005373	3.18E-05	0.009691	9.50E-02	0.092609	0.005431	2.35E-05	0.010691	0.108754
831	490386.72	3860635.12	2.69104	3.89965	2.64775	5.08882	6.14E-02	0.00415	4E-05	0.01627	0.08188	8.12E-02	0.005494	3.24E-05	0.010101	9.68E-02	0.094092	0.005554	2.4E-05	0.011143	0.110813
832	490436.72	3860635.12	2.70611	3.94914	2.67165	5.23881	6.18E-02	0.00421	4E-05	0.01675	0.08275	8.17E-02	0.005564	3.27E-05	0.010398	9.77E-02	0.094619	0.005624	2.42E-05	0.011471	0.111739
833	490486.72	3860635.12	2.69683	3.96567	2.6734	5.32993	6.15E-02	0.00422	4E-05	0.01704	0.08285	8.14E-02	0.005587	3.27E-05	0.010579	9.76E-02	0.094295	0.005648	2.42E-05	0.011671	0.111637
834	490536.72	3860635.12	2.6648	3.95203	2.65459	5.35804	6.08E-02	0.00421	4E-05	0.01713	0.08219	8.04E-02	0.005568	3.25E-05	0.010635	9.67E-02	0.093175	0.005628	2.4E-05	0.011732	0.110559
835	490586.72	3860635.12	2.59507	3.88293	2.60049	5.30867	5.92E-02	0.00414	3.9E-05	0.01697	0.08037	7.83E-02	0.005471	3.18E-05	0.010537	9.44E-02	0.090736	0.00553	2.35E-05	0.011624	0.107914
836	490636.72	3860635.12	2.50891	3.79097	2.53073	5.20066	5.73E-02	0.00404	3.8E-05	0.01663	0.07796	7.57E-02	0.005341	3.1E-05	0.010323	9.14E-02	0.087724	0.005399	2.29E-05	0.011388	0.104533
837	490686.72	3860635.12	2.4005	3.66464	2.4387	5.02922	5.48E-02	0.0039	3.7E-05	0.01608	0.0748	7.24E-02	0.005163	2.98E-05	0.009982	8.76E-02	0.083933	0.005219	2.21E-05	0.011012	0.100187
838	490736.72	3860635.12	2.27299	3.5075	2.32627	4.80032	5.19E-02	0.00374	3.5E-05	0.01535	0.07099	6.86E-02	0.004942	2.85E-05	0.009528	8.31E-02	0.079475	0.004995	2.1E-05	0.010511	0.095002
839	490786.72	3860635.12	2.145	3.33275	2.20202	4.52967	4.90E-02	0.00355	3.3E-05	0.01448	0.06702	6.47E-02	0.004696	2.7E-05	0.008991	7.85E-02	0.075	0.004746	1.99E-05	0.009918	0.089685
840	490136.72	3860685.12	2.36098	3.10575	2.39244	3.65598	5.39E-02	0.00331	3.6E-05	0.01169	0.06891	7.13E-02	0.004376	2.93E-05	0.007257	8.29E-02	0.082552	0.004423	2.16E-05	0.008005	0.095002
841	490186.72	3860685.12	2.38656	3.20844	2.38244	3.76211	5.45E-02	0.00342	3.6E-05	0.01203	0.06994	7.20E-02	0.00452	2.92E-05	0.007467	8.40E-02	0.083446	0.004569	2.16E-05	0.008238	0.096275
842	490236.72	3860685.12	2.36925	3.36154	2.31636	3.97367	5.41E-02	0.00358	3.5E-05	0.0127	0.07039	7.15E-02	0.004736	2.84E-05	0.007887	8.42E-02	0.082841	0.004787	2.1E-05	0.008701	0.09635
843	490286.72	3860685.12	2.44787	3.49106	2.39214	4.26642	5.59E-02	0.00372	3.6E-05	0.01364	0.07326	7.39E-02	0.004919	2.93E-05	0.008468	8.73E-02	0.08559	0.004972	2.16E-05	0.009342	0.099925
844	490336.72	3860685.12	2.53472	3.6373	2.48504	4.55173	5.78E-02	0.00387	3.7E-05	0.01455	0.07631	7.65E-02	0.005125	3.04E-05	0.009035	9.07E-02	0.088626	0.00518	2.25E-05	0.009967	0.103796
845	490386.72	3860685.12	2.59745	3.74957	2.55439	4.79679	5.93E-02	0.00399	3.8E-05	0.01534	0.07864	7.84E-02	0.005283	3.13E-05	0.009521	9.32E-02	0.09082	0.00534	2.31E-05	0.010503	0.106686
846	490436.72	3860685.12	2.63353	3.82555	2.59835	4.99274	6.01E-02	0.00408	3.9E-05	0.01596	0.08018	7.95E-02	0.00539	3.18E-05	0.00991	9.48E-02	0.092081	0.005448	2.35E-05	0.010932	0.108485
847	490486.72	3860685.12	2.64538	3.8693	2.61966	5.13572	6.04E-02	0.00412	3.9E-05	0.01642	0.08095	7.98E-02	0.005452	3.21E-05	0.010194	9.55E-02	0.092496	0.00551	2.37E-05	0.011246	0.109275
848	490536.72	3860685.12	2.63698	3.886	2.62232	5.22463	6.02E-02	0.00414	4E-05	0.0167	0.08106	7.96E-02	0.005475	3.21E-05	0.01037	9.55E-02	0.092202	0.005534	2.37E-05	0.01144	0.1092
849	490586.72	3860685.12	2.60244	3.86659	2.60079	5.24926	5.94E-02	0.00412	3.9E-05	0.01678	0.08033	7.85E-02	0.005448	3.18E-05	0.010419	9.44E-02	0.090994	0.005507	2.35E-05	0.011494	0.108018
850	490636.72	3860685.12	2.54472	3.81488	2.55752	5.21105	5.81E-02	0.00406	3.9E-05	0.01666	0.07884	7.68E-02	0.005375	3.13E-05	0.010343	9.26E-02	0.088976	0.005433	2.31E-05	0.01141	0.105843

851	490686.72	3860685.12	2.46464	3.73006	2.49264	5.11065	5.62E-02	0.00397	3.8E-05	0.01634	0.0766	7.44E-02	0.005255	3.05E-05	0.010144	8.98E-02	0.086176	0.005312	2.26E-05	0.011191	0.102701
852	490736.72	3860685.12	2.35959	3.60675	2.40268	4.94564	5.38E-02	0.00384	3.6E-05	0.01581	0.07354	7.12E-02	0.005082	2.94E-05	0.009817	8.61E-02	0.082503	0.005137	2.17E-05	0.010829	0.098491
853	490786.72	3860685.12	2.2443	3.46737	2.30092	4.73346	5.12E-02	0.00369	3.5E-05	0.01513	0.07008	6.77E-02	0.004885	2.82E-05	0.009395	8.20E-02	0.078472	0.004938	2.08E-05	0.010365	0.093795
854	490136.72	3860735.12	2.27206	2.99153	2.33638	3.71799	5.19E-02	0.00319	3.5E-05	0.01189	0.06696	6.86E-02	0.004215	2.86E-05	0.00738	8.02E-02	0.079442	0.00426	2.11E-05	0.008141	0.091865
855	490186.72	3860735.12	2.29647	3.006	2.32877	3.58591	5.24E-02	0.0032	3.5E-05	0.01146	0.06711	6.93E-02	0.004235	2.85E-05	0.007118	8.07E-02	0.080296	0.004281	2.11E-05	0.007852	0.09245
856	490236.72	3860735.12	2.30316	3.11105	2.30244	3.67399	5.26E-02	0.00331	3.5E-05	0.01175	0.06765	6.95E-02	0.004383	2.82E-05	0.007292	8.12E-02	0.08053	0.004431	2.08E-05	0.008045	0.093026
857	490286.72	3860735.12	2.30884	3.28245	2.25622	3.90197	5.27E-02	0.0035	3.4E-05	0.01247	0.0687	6.97E-02	0.004625	2.76E-05	0.007745	8.21E-02	0.080728	0.004675	2.04E-05	0.008544	0.093968
858	490336.72	3860735.12	2.40314	3.43653	2.35217	4.1989	5.48E-02	0.00366	3.5E-05	0.01342	0.07196	7.25E-02	0.004842	2.88E-05	0.008334	8.57E-02	0.084026	0.004894	2.13E-05	0.009194	0.098135
859	490386.72	3860735.12	2.48481	3.57482	2.44096	4.47405	5.67E-02	0.00381	3.7E-05	0.0143	0.07485	7.50E-02	0.005037	2.99E-05	0.008881	8.89E-02	0.086881	0.005091	2.21E-05	0.009797	0.101791
860	490436.72	3860735.12	2.55428	3.69763	2.5174	4.71881	5.83E-02	0.00394	3.8E-05	0.01509	0.07735	7.71E-02	0.00521	3.08E-05	0.009366	9.17E-02	0.08931	0.005266	2.28E-05	0.010333	0.104932
861	490486.72	3860735.12	2.5863	3.76702	2.55814	4.90676	5.90E-02	0.00401	3.9E-05	0.01569	0.07876	7.81E-02	0.005307	3.13E-05	0.009739	9.31E-02	0.09043	0.005365	2.31E-05	0.010744	0.106562
862	490536.72	3860735.12	2.59005	3.79732	2.5722	5.03854	5.91E-02	0.00405	3.9E-05	0.01611	0.0793	7.82E-02	0.00535	3.15E-05	0.010001	9.36E-02	0.090561	0.005408	2.33E-05	0.011033	0.107025
863	490586.72	3860735.12	2.57912	3.80889	2.57255	5.1218	5.89E-02	0.00406	3.9E-05	0.01637	0.07933	7.78E-02	0.005366	3.15E-05	0.010166	9.34E-02	0.090179	0.005424	2.33E-05	0.011215	0.106842
864	490636.72	3860735.12	2.54602	3.79014	2.5521	5.14685	5.81E-02	0.00404	3.8E-05	0.01645	0.07863	7.68E-02	0.00534	3.12E-05	0.010216	9.24E-02	0.089021	0.005398	2.31E-05	0.01127	0.105712
865	490686.72	3860735.12	2.4945	3.74633	2.51413	5.11475	5.69E-02	0.00399	3.8E-05	0.01635	0.07731	7.53E-02	0.005278	3.08E-05	0.010152	9.07E-02	0.08722	0.005335	2.27E-05	0.0112	0.103778
866	490736.72	3860735.12	2.42042	3.66871	2.45415	5.02198	5.52E-02	0.00391	3.7E-05	0.01606	0.07524	7.31E-02	0.005169	3E-05	0.009968	8.82E-02	0.08463	0.005225	2.22E-05	0.010996	0.100873
867	490136.72	3860785.12	2.18042	2.88626	2.27111	3.78558	4.98E-02	0.00307	3.4E-05	0.0121	0.06497	6.58E-02	0.004067	2.78E-05	0.007514	7.74E-02	0.076238	0.00411	2.05E-05	0.008289	0.088658
868	490186.72	3860785.12	2.22549	2.91667	2.28874	3.62291	5.08E-02	0.00311	3.4E-05	0.01158	0.06551	6.72E-02	0.004109	2.8E-05	0.007191	7.85E-02	0.077814	0.004154	2.07E-05	0.007933	0.089922
869	490236.72	3860785.12	2.25087	2.93434	2.28388	3.52807	5.14E-02	0.00313	3.4E-05	0.01128	0.06581	6.79E-02	0.004134	2.8E-05	0.007003	7.91E-02	0.078702	0.004179	2.07E-05	0.007725	0.090626
870	490286.72	3860785.12	2.25641	3.06064	2.25839	3.61001	5.15E-02	0.00326	3.4E-05	0.01154	0.06633	6.81E-02	0.004312	2.76E-05	0.007165	7.96E-02	0.078895	0.004359	2.04E-05	0.007905	0.091179
871	490336.72	3860785.12	2.26249	3.22482	2.2112	3.83955	5.16E-02	0.00344	3.3E-05	0.01228	0.06738	6.83E-02	0.004544	2.71E-05	0.007621	8.05E-02	0.079108	0.004593	2E-05	0.008407	0.092128
872	490386.72	3860785.12	2.35959	3.38332	2.31312	4.13309	5.38E-02	0.0036	3.5E-05	0.01321	0.0707	7.12E-02	0.004767	2.83E-05	0.008204	8.42E-02	0.082503	0.004818	2.09E-05	0.00905	0.096392
873	490436.72	3860785.12	2.43486	3.51165	2.39659	4.39684	5.56E-02	0.00374	3.6E-05	0.01406	0.0734	7.35E-02	0.004948	2.93E-05	0.008727	8.72E-02	0.085135	0.005001	2.17E-05	0.009628	0.099785
874	490486.72	3860785.12	2.49786	3.62392	2.46754	4.63086	5.70E-02	0.00386	3.7E-05	0.0148	0.07571	7.54E-02	0.005106	3.02E-05	0.009192	8.97E-02	0.087338	0.005161	2.23E-05	0.01014	0.102661
875	490536.72	3860785.12	2.52957	3.69273	2.50853	4.81343	5.77E-02	0.00393	3.8E-05	0.01539	0.07709	7.63E-02	0.005203	3.07E-05	0.009554	9.11E-02	0.088446	0.005259	2.27E-05	0.01054	0.104268
876	490586.72	3860785.12	2.53377	3.72316	2.52335	4.94114	5.78E-02	0.00397	3.8E-05	0.0158	0.07762	7.65E-02	0.005246	3.09E-05	0.009808	9.16E-02	0.088593	0.005302	2.28E-05	0.010819	0.104738
877	490636.72	3860785.12	2.52334	3.73445	2.52422	5.0219	5.76E-02	0.00398	3.8E-05	0.01606	0.07766	7.62E-02	0.005262	3.09E-05	0.009968	9.14E-02	0.088228	0.005318	2.28E-05	0.010996	0.104566
878	490686.72	3860785.12	2.49403	3.72007	2.50709	5.04981	5.69E-02	0.00396	3.8E-05	0.01614	0.07706	7.53E-02	0.005241	3.07E-05	0.010023	9.06E-02	0.087204	0.005298	2.27E-05	0.011057	0.103582
879	490736.72	3860785.12	2.44573	3.67951	2.47164	5.02111	5.58E-02	0.00392	3.7E-05	0.01605	0.07582	7.38E-02	0.005184	3.03E-05	0.009966	8.90E-02	0.085515	0.00524	2.24E-05	0.010995	0.101772
880	490086.72	3860835.12	2.01656	2.76763	2.14283	3.88265	4.60E-02	0.00295	3.2E-05	0.01241	0.06141	6.09E-02	0.003899	2.62E-05	0.007707	7.25E-02	0.070509	0.003942	1.94E-05	0.008502	0.082972
881	490136.72	3860835.12	2.09176	2.79408	2.20186	3.82244	4.77E-02	0.00298	3.3E-05	0.01222	0.06297	6.31E-02	0.003937	2.69E-05	0.007587	7.47E-02	0.073138	0.003979	1.99E-05	0.00837	0.085507
882	490186.72	3860835.12	2.14653	2.82851	2.23479	3.703	4.90E-02	0.00301	3.4E-05	0.01184	0.06387	6.48E-02	0.003985	2.74E-05	0.00735	7.61E-02	0.075053	0.004028	2.02E-05	0.008108	0.08721
883	490236.72	3860835.12	2.18647	2.85311	2.24871	3.53426	4.99E-02	0.00304	3.4E-05	0.0113	0.06427	6.60E-02	0.00402	2.75E-05	0.007015	7.71E-02	0.07645	0.004063	2.03E-05	0.007739	0.088272
884	490286.72	3860835.12	2.21101	2.87129	2.24465	3.47461	5.05E-02	0.00306	3.4E-05	0.01111	0.06466	6.67E-02	0.004045	2.75E-05	0.006897	7.77E-02	0.077308	0.004089	2.03E-05	0.007608	0.089026
885	490336.72	3860835.12	2.2122	3.01311	2.21676	3.54829	5.05E-02	0.00321	3.3E-05	0.01134	0.06507	6.68E-02	0.004245	2.71E-05	0.007043	7.81E-02	0.077349	0.004291	2.01E-05	0.00777	0.08943
886	490386.72	3860835.12	2.21988	3.17246	2.16999	3.78035	5.07E-02	0.00338	3.3E-05	0.01209	0.06616	6.70E-02	0.00447	2.66E-05	0.007504	7.90E-02	0.077618	0.004518	1.96E-05	0.008278	0.090433
887	490436.72	3860835.12	2.31124	3.32222	2.26947	4.06366	5.27E-02	0.00354	3.4E-05	0.01299	0.06931	6.98E-02	0.004681	2.78E-05	0.008066	8.25E-02	0.080812	0.004731	2.05E-05	0.008898	0.094462
888	490486.72	3860835.12	2.38626	3.44998	2.35324	4.32111	5.45E-02	0.00368	3.5E-05	0.01381	0.07198	7.20E-02	0.004861	2.88E-05	0.008577	8.55E-02	0.083435	0.004913	2.13E-05	0.009462	0.097832
889	490536.72	3860835.12	2.44081	3.54883	2.41681	4.54239	5.57E-02	0.00378	3.6E-05	0.01452	0.07404	7.37E-02	0.005	2.96E-05	0.009016	8.77E-02	0.085343	0.005054	2.19E-05	0.009946	0.100365
890	490586.72	3860835.12	2.47178	3.61626	2.45754	4.71944	5.64E-02	0.00385	3.7E-05	0.01509	0.07539	7.46E-02	0.005095	3.01E-05	0.009368	8.91E-02	0.086426	0.00515	2.22E-05	0.010334	0.101932
891	490636.72	3860835.12	2.48189	3.6553	2.47816	4.84885	5.66E-02	0.00389	3.7E-05	0.0155	0.07607	7.49E-02	0.00515	3.03E-05	0.009624	8.97E-02	0.086779	0.005206	2.24E-05	0.010617	0.102625
892	490686.72	3860835.12	2.47475	3.67066	2.48215	4.93059	5.65E-02	0.00391	3.7E-05	0.01576	0.07619	7.47E-02	0.005172	3.04E-05	0.009787	8.97E-02	0.086529	0.005228	2.25E-05	0.010796	0.102576
893	490736.72	3860835.12	2.44954	3.66131	2.4687	4.96173	5.59E-02	0.0039	3.7E-05	0.01586	0.0757	7.39E-02	0.005159	3.02E-05	0.009849	8.90E-02	0.085648	0.005214	2.23E-05	0.010865	0.101749
894	490086.72	3860885.12	2.00368	2.73023	2.04629	3.84055	4.57E-02	0.00291	3.1E-05	0.01228	0.06094	6.05E-02	0.003847	2.5E-05	0.007623	7.20E-02	0.070059	0.003888	1.85E-05	0.00841	0.082375
895	490136.72	3860885.12	1.99351	2.72084	2.11609	3.81892	4.55E-02	0.0029	3.2E-05	0.01221	0.06063	6.02E-02	0.003833	2.59E-05	0.00758	7.16E-02	0.069703	0.003875	1.91E-05	0.008362	0.081959
896	490186.72	3860885.12	2.0601	2.73912	2.167	3.74596	4.70E-02	0.00292	3.3E-05	0.01198	0.06194	6.22E-02	0.003859	2.65E-05	0.007435	7.35E-02	0.072031	0.003901	1.96E-05	0.008202	0.084154
897	490236.72	3860885.12	2.11385	2.77297	2.19987	3.62272	4.82E-02	0.00295	3.3E-05	0.01158	0.06281	6.38E-02	0.003907	2.69E-05	0.007191	7.49E-02	0.073911	0.003949	1.99E-05	0.007933	0.085812
898	490286.72	3860885.12	2.15138	2.79568	2.21267	3.45006	4.91E-02	0.00298	3.3E-05	0.01103	0.06314	6.49E-02	0.003939	2.71E-05	0.006848	7.57E-02	0.075223	0.003981	2E-05	0.007554	0.086779
899	490336.72	3860885.12	2.1695	2.80677	2.20391	3.4195	4.95E-02	0.00299	3.3E-05	0.01093	0.06347	6.55E-02	0.003955	2.7E-05	0.006787	7.62E-02	0.075856	0.003997	1.99E-05	0.007488	0.087361
900	490386.72	3860885.12	2.17182	2.97015	2.17876	3.48996	4.96E-02	0.00316	3.3E-05	0.01116	0.06392	6.55E-02	0.004185	2.67E-05	0.006927	7.67E-02	0.075938	0.00423	1.97E-05	0.007642	0.087829
901	490436.72	3860885.12	2.18348	3.12907	2.13594	3.72674	4.98E-02	0.00333	3.2E-05	0.01191	0.06511	6.59E-02	0.004409	2.61E-05	0.007397	7.77E-02	0.076345	0.004456	1.93E-05	0.00816	0.088981
902	490486.72	3860885.12	2.26894	3.26988	2.23128	3.99981	5.18E-02	0.00348	3.4E-05	0.01279	0.06808	6.85E-02	0.004607	2.73E-05	0.007939	8.11E-02	0.079333	0.004657	2.02E-05	0.008758	0.092769
903	490536.72	3860885.12	2.33833	3.38878	2.31029	4.24644	5.34E-02	0.00361	3.5E-05	0.01358	0.07058	7.06E-02	0.004775	2.83E-05	0.008429	8.38E-02	0.08176	0.004826	2.09E-05	0.009298	0.095905
904	490586.72	3860885.12	2.38893	3.4814	2.37064	4.45904	5.45E-02	0.00371	3.6E-05	0.01426	0.07252	7.21E-02	0.004905	2.9E-05	0.008851	8.59E-02	0.083529	0.004958	2.14E-05	0.009764	0.098272
905	490636.72	3860885.12	2.4197	3.54817	2.41153	4.63149	5.52E-02	0.00378	3.6E-05	0.01481	0.07384	7.30E-02	0.004999	2.95E-05	0.009193	8.73E-02	0.084605	0.005053	2.18E-05	0.010141	0.099821
906	490686.72	3860885.12	2.4323	3.59037	2.4347	4.75978	5.55E-02	0.00382	3.7E-05	0.01522	0.07459	7.34E-02	0.005059	2.98E-05	0.009448	8.79E-02	0.085045	0.005113	2.2E-05	0.010422	0.100603
907	490736.72	3860885.12	2.4253	3.60486	2.43883	4.8393	5.53E-02	0.00384	3.7E-05	0.01547	0.0747	7.32E-02	0.005079	2.98E-05	0.009606	8.79E-02	0.0848	0.005134	2.21E-05	0.010596	0.100553
908	490086.72	3860935.12	1.98982	2.66542	2.06936	3.76288	4.54E-02	0.00284	3.1E-05	0.01203	0.06031	6.01E-02	0.003755	2.53E-05	0.007469	7.13E-02	0.069574	0.003796	1.87E-05	0.008239	0.081628
909	490136.72	3860935.12	1.9614	2.67814	2.01533	3.77667	4.48E-02	0.00285	3E-05	0.01207	0.05972	5.92E-02	0.003773	2.47E-05	0.007496	7.05E-02	0.06858	0.003814	1.82E-05	0.00827	0.080682
910	490186.72	3860935.12	1.96446	2.66523	2.08348	3.74871	4.48E-02	0.00284	3.1E-05	0.01198	0.05969	5.93E-02	0.003755	2.55E-05	0.007441	7.05E-02	0.068687	0.003796	1.88E-05	0.008208	0.08071
911	490236.72	3860935.12	2.02979	2.68659	2.13371	3.67045	4.63E-02	0.00286	3.2E-05	0.01173	0.06095	6.13E-02	0.003785	2.61E-05	0.007285	7.24E-02	0.070971	0.003826	1.93E-05	0.008037	0.082854

912	490286.72	3860935.12	2.08197	2.71926	2.16593	3.54362	4.75E-02	0.0029	3.3E-05	0.01133	0.06177	6.28E-02	0.003831	2.65E-05	0.007034	7.37E-02	0.072796	0.003873	1.96E-05	0.007759	0.084448
913	490336.72	3860935.12	2.11486	2.73693	2.17539	3.36613	4.83E-02	0.00292	3.3E-05	0.01076	0.06197	6.38E-02	0.003856	2.66E-05	0.006681	7.44E-02	0.073946	0.003898	1.97E-05	0.007371	0.085234
914	490386.72	3860935.12	2.13499	2.7674	2.16997	3.37093	4.87E-02	0.00295	3.3E-05	0.01078	0.06248	6.44E-02	0.003899	2.66E-05	0.006691	7.51E-02	0.07465	0.003941	1.96E-05	0.007381	0.085992
915	490436.72	3860935.12	2.13581	2.93234	2.14487	3.43618	4.87E-02	0.00312	3.2E-05	0.01099	0.06288	6.45E-02	0.004131	2.63E-05	0.00682	7.54E-02	0.074678	0.004176	1.94E-05	0.007524	0.086398
916	490486.72	3860935.12	2.14484	3.08189	2.10064	3.67169	4.89E-02	0.00328	3.2E-05	0.01174	0.064	6.47E-02	0.004342	2.57E-05	0.007288	7.64E-02	0.074994	0.004389	1.9E-05	0.00804	0.087442
917	490536.72	3860935.12	2.2269	3.21743	2.19319	3.93642	5.08E-02	0.00343	3.3E-05	0.01258	0.06687	6.72E-02	0.004533	2.68E-05	0.007813	7.96E-02	0.077863	0.004582	1.98E-05	0.008619	0.091085
918	490586.72	3860935.12	2.2922	3.32986	2.26881	4.17386	5.23E-02	0.00355	3.4E-05	0.01334	0.06924	6.92E-02	0.004692	2.78E-05	0.008285	8.22E-02	0.080147	0.004742	2.05E-05	0.009139	0.094049
919	490636.72	3860935.12	2.34058	3.41892	2.32747	4.37959	5.34E-02	0.00364	3.5E-05	0.014	0.07109	7.06E-02	0.004817	2.85E-05	0.008693	8.42E-02	0.081838	0.004869	2.11E-05	0.00959	0.096318
920	490686.72	3860935.12	2.37223	3.48672	2.3695	4.54892	5.41E-02	0.00371	3.6E-05	0.01454	0.07243	7.16E-02	0.004913	2.9E-05	0.009029	8.56E-02	0.082945	0.004966	2.14E-05	0.009961	0.097893
921	490736.72	3860935.12	2.38451	3.52765	2.39254	4.67343	5.44E-02	0.00376	3.6E-05	0.01494	0.07315	7.20E-02	0.00497	2.93E-05	0.009276	8.62E-02	0.083374	0.005024	2.16E-05	0.010233	0.098653
922	490786.72	3860935.12	2.37755	3.54117	2.39672	4.7507	5.43E-02	0.00377	3.6E-05	0.01519	0.07325	7.18E-02	0.004989	2.93E-05	0.00943	8.62E-02	0.083131	0.005043	2.17E-05	0.010402	0.098598
923	490836.72	3860935.12	2.35465	3.53296	2.38504	4.78172	5.37E-02	0.00376	3.6E-05	0.01529	0.07282	7.11E-02	0.004978	2.92E-05	0.009491	8.56E-02	0.08233	0.005031	2.16E-05	0.01047	0.097854
924	490086.72	3860985.12	1.96906	2.58935	2.09986	3.66312	4.49E-02	0.00276	3.2E-05	0.01171	0.05944	5.94E-02	0.003648	2.57E-05	0.007271	7.04E-02	0.068848	0.003688	1.9E-05	0.008021	0.080576
925	490136.72	3860985.12	1.95641	2.62894	2.0294	3.71407	4.46E-02	0.0028	3.1E-05	0.01187	0.05935	5.90E-02	0.003704	2.48E-05	0.007372	7.01E-02	0.068406	0.003744	1.84E-05	0.008133	0.080301
926	490186.72	3860985.12	1.93052	2.64245	1.99525	3.72501	4.41E-02	0.00282	3E-05	0.01191	0.05881	5.83E-02	0.003723	2.44E-05	0.007394	6.94E-02	0.067501	0.003763	1.81E-05	0.008157	0.079438
927	490236.72	3860985.12	1.94043	2.61727	2.05612	3.68392	4.43E-02	0.00279	3.1E-05	0.01178	0.05888	5.86E-02	0.003688	2.52E-05	0.007312	6.96E-02	0.067847	0.003727	1.86E-05	0.008067	0.07966
928	490286.72	3860985.12	2.00096	2.63655	2.10209	3.59746	4.57E-02	0.00281	3.2E-05	0.0115	0.06001	6.04E-02	0.003715	2.57E-05	0.007141	7.13E-02	0.069963	0.003755	1.9E-05	0.007877	0.081615
929	490336.72	3860985.12	2.04878	2.66447	2.13086	3.46347	4.68E-02	0.00284	3.2E-05	0.01107	0.0607	6.18E-02	0.003754	2.61E-05	0.006875	7.25E-02	0.071635	0.003795	1.93E-05	0.007584	0.083033
930	490386.72	3860985.12	2.08236	2.68422	2.14214	3.28686	4.75E-02	0.00286	3.2E-05	0.01051	0.06092	6.28E-02	0.003782	2.62E-05	0.006524	7.32E-02	0.07281	0.003823	1.94E-05	0.007197	0.083849
931	490436.72	3860985.12	2.10206	2.7352	2.13761	3.32367	4.80E-02	0.00291	3.2E-05	0.01063	0.06154	6.34E-02	0.003854	2.62E-05	0.006597	7.39E-02	0.073498	0.003895	1.93E-05	0.007278	0.084691
932	490486.72	3860985.12	2.09755	2.89144	2.10884	3.38047	4.79E-02	0.00308	3.2E-05	0.01081	0.06179	6.33E-02	0.004074	2.58E-05	0.00671	7.41E-02	0.073341	0.004118	1.91E-05	0.007402	0.08488
933	490536.72	3860985.12	2.10635	3.03451	2.06541	3.61688	4.81E-02	0.00323	3.1E-05	0.01156	0.0629	6.36E-02	0.004275	2.53E-05	0.007179	7.51E-02	0.073648	0.004322	1.87E-05	0.00792	0.085908
934	490586.72	3860985.12	2.18358	3.16257	2.15378	3.87187	4.98E-02	0.00337	3.2E-05	0.01238	0.06561	6.59E-02	0.004456	2.64E-05	0.007685	7.81E-02	0.076349	0.004504	1.95E-05	0.008478	0.08935
935	490636.72	3860985.12	2.24882	3.27457	2.22968	4.10422	5.13E-02	0.00349	3.4E-05	0.01312	0.06796	6.79E-02	0.004614	2.73E-05	0.008146	8.07E-02	0.07863	0.004663	2.02E-05	0.008987	0.0923
936	490686.72	3860985.12	2.29575	3.36141	2.28733	4.30438	5.24E-02	0.00358	3.4E-05	0.01376	0.06977	6.93E-02	0.004736	2.8E-05	0.008544	8.26E-02	0.080271	0.004787	2.07E-05	0.009425	0.094504
937	490736.72	3860985.12	2.32519	3.42545	2.32755	4.46721	5.31E-02	0.00365	3.5E-05	0.01428	0.07103	7.02E-02	0.004826	2.85E-05	0.008867	8.39E-02	0.0813	0.004878	2.11E-05	0.009782	0.095981
938	490786.72	3860985.12	2.33825	3.46672	2.35146	4.58955	5.34E-02	0.00369	3.5E-05	0.01467	0.07176	7.06E-02	0.004884	2.88E-05	0.00911	8.46E-02	0.081757	0.004937	2.13E-05	0.01005	0.096765
939	490836.72	3860985.12	2.33448	3.48426	2.35863	4.66836	5.33E-02	0.00371	3.6E-05	0.01492	0.07195	7.05E-02	0.004909	2.89E-05	0.009266	8.47E-02	0.081625	0.004962	2.13E-05	0.010222	0.096831
940	490086.72	3861035.12	1.93811	2.49906	2.11374	3.54111	4.42E-02	0.00266	3.2E-05	0.01132	0.05824	5.85E-02	0.003521	2.59E-05	0.007029	6.91E-02	0.067766	0.003559	1.91E-05	0.007754	0.079098
941	490136.72	3861035.12	1.93881	2.55962	2.06196	3.62309	4.42E-02	0.00273	3.1E-05	0.01158	0.05859	5.85E-02	0.003606	2.52E-05	0.007191	6.93E-02	0.06779	0.003645	1.87E-05	0.007933	0.079388
942	490186.72	3861035.12	1.9235	2.59237	1.99033	3.66521	4.39E-02	0.00276	3E-05	0.01172	0.05841	5.81E-02	0.003652	2.44E-05	0.007275	6.90E-02	0.067255	0.003692	1.8E-05	0.008026	0.078991
943	490236.72	3861035.12	1.89408	2.59801	1.96965	3.66632	4.32E-02	0.00277	3E-05	0.01172	0.05774	5.72E-02	0.00366	2.41E-05	0.007277	6.81E-02	0.066226	0.0037	1.78E-05	0.008028	0.077972
944	490286.72	3861035.12	1.91535	2.56788	2.02787	3.61777	4.37E-02	0.00274	3.1E-05	0.01157	0.05804	5.78E-02	0.003618	2.48E-05	0.007181	6.86E-02	0.06697	0.003657	1.83E-05	0.007922	0.078567
945	490336.72	3861035.12	1.9723	2.58737	2.07081	3.52423	4.50E-02	0.00276	3.1E-05	0.01127	0.05906	5.95E-02	0.003645	2.53E-05	0.006995	7.02E-02	0.068961	0.003685	1.87E-05	0.007717	0.080382
946	490386.72	3861035.12	2.02098	2.61742	2.10125	3.38988	4.61E-02	0.00279	3.2E-05	0.01084	0.05978	6.10E-02	0.003688	2.57E-05	0.006729	7.14E-02	0.070663	0.003728	1.9E-05	0.007423	0.081833
947	490436.72	3861035.12	2.05452	2.63818	2.11353	3.21296	4.69E-02	0.00281	3.2E-05	0.01027	0.06	6.20E-02	0.003717	2.59E-05	0.006377	7.21E-02	0.071836	0.003757	1.91E-05	0.007035	0.082648
948	490486.72	3861035.12	2.06722	2.70054	2.10347	3.27462	4.72E-02	0.00288	3.2E-05	0.01047	0.06055	6.24E-02	0.003805	2.57E-05	0.0065	7.27E-02	0.07228	0.003846	1.9E-05	0.00717	0.083316
949	490536.72	3861035.12	2.05995	2.85111	2.07341	3.3251	4.70E-02	0.00304	3.1E-05	0.01063	0.06071	6.22E-02	0.004017	2.54E-05	0.0066	7.28E-02	0.072026	0.00406	1.88E-05	0.007281	0.083386
950	490586.72	3861035.12	2.06981	2.98963	2.0319	3.56402	4.72E-02	0.00318	3.1E-05	0.01139	0.06184	6.25E-02	0.004212	2.49E-05	0.007074	7.38E-02	0.072371	0.004258	1.84E-05	0.007804	0.084451
951	490636.72	3861035.12	2.14392	3.11281	2.11764	3.81104	4.89E-02	0.00332	3.2E-05	0.01218	0.06446	6.47E-02	0.004386	2.59E-05	0.007565	7.67E-02	0.074962	0.004433	1.92E-05	0.008345	0.087759
952	490686.72	3861035.12	2.2047	3.21779	2.18969	4.03421	5.03E-02	0.00343	3.3E-05	0.0129	0.06667	6.65E-02	0.004534	2.68E-05	0.008007	7.91E-02	0.077087	0.004583	1.98E-05	0.008834	0.090523
953	490736.72	3861035.12	2.25066	3.30313	2.2467	4.22942	5.14E-02	0.00352	3.4E-05	0.01352	0.06844	6.79E-02	0.004654	2.75E-05	0.008395	8.10E-02	0.078694	0.004704	2.03E-05	0.009261	0.09268
954	490786.72	3861035.12	2.28189	3.36942	2.28881	4.39016	5.21E-02	0.00359	3.4E-05	0.01404	0.06973	6.89E-02	0.004747	2.8E-05	0.008714	8.24E-02	0.079786	0.004799	2.07E-05	0.009613	0.094218
955	490836.72	3861035.12	2.29598	3.41144	2.31381	4.51109	5.24E-02	0.00363	3.5E-05	0.01442	0.07049	6.93E-02	0.004807	2.83E-05	0.008954	8.31E-02	0.080279	0.004858	2.09E-05	0.009878	0.095036
956	490086.72	3861085.12	1.89956	2.39994	2.11261	3.40268	4.33E-02	0.00256	3.2E-05	0.01088	0.05682	5.73E-02	0.003381	2.59E-05	0.006754	6.75E-02	0.066418	0.003418	1.91E-05	0.007451	0.077306
957	490136.72	3861085.12	1.91408	2.47994	2.08148	3.51231	4.37E-02	0.00264	3.1E-05	0.01123	0.05758	5.78E-02	0.003494	2.55E-05	0.006972	6.83E-02	0.066926	0.003532	1.88E-05	0.007691	0.078167
958	490186.72	3861085.12	1.9152	2.53842	2.03105	3.58896	4.37E-02	0.0027	3.1E-05	0.01147	0.05792	5.78E-02	0.003576	2.49E-05	0.007124	6.85E-02	0.066965	0.003615	1.84E-05	0.007859	0.078457
959	490236.72	3861085.12	1.89477	2.5613	1.95569	3.62037	4.32E-02	0.00273	2.9E-05	0.01157	0.05757	5.72E-02	0.003609	2.39E-05	0.007186	6.80E-02	0.066251	0.003648	1.77E-05	0.007927	0.077843
960	490286.72	3861085.12	1.85997	2.55666	1.94619	3.60962	4.24E-02	0.00272	2.9E-05	0.01154	0.05674	5.61E-02	0.003602	2.38E-05	0.007165	6.69E-02	0.065034	0.003641	1.76E-05	0.007904	0.076596
961	490336.72	3861085.12	1.89255	2.52207	2.00208	3.55475	4.32E-02	0.00269	3E-05	0.01136	0.05727	5.71E-02	0.003553	2.45E-05	0.007056	6.78E-02	0.066173	0.003592	1.81E-05	0.007784	0.077567
962	490386.72	3861085.12	1.95061	2.54802	2.04662	3.45913	4.45E-02	0.00271	3.1E-05	0.01106	0.05832	5.89E-02	0.00359	2.5E-05	0.006866	6.94E-02	0.068203	0.003629	1.85E-05	0.007574	0.079425
963	490436.72	3861085.12	1.99331	2.57106	2.07192	3.31721	4.55E-02	0.00274	3.1E-05	0.01061	0.05886	6.02E-02	0.003622	2.54E-05	0.006584	7.04E-02	0.069696	0.003662	1.87E-05	0.007264	0.08064
964	490486.72	3861085.12	2.02063	2.58471	2.07914	3.14155	4.61E-02	0.00275	3.1E-05	0.01004	0.05894	6.10E-02	0.003642	2.54E-05	0.006236	7.09E-02	0.070651	0.003681	1.88E-05	0.006879	0.08123
965	490536.72	3861085.12	2.03329	2.66667	2.07024	3.22687	4.64E-02	0.00284	3.1E-05	0.01032	0.05959	6.14E-02	0.003757	2.53E-05	0.006405	7.16E-02	0.071094	0.003798	1.87E-05	0.007066	0.081976
966	490586.72	3861085.12	2.02317	2.81153	2.03872	3.271	4.62E-02	0.003	3.1E-05	0.01046	0.05965	6.11E-02	0.003961	2.5E-05	0.006493	7.15E-02	0.07074	0.004004	1.84E-05	0.007162	0.081925
967	490636.72	3861085.12	2.03201	2.94252	1.99718	3.50999	4.64E-02	0.00313	3E-05	0.01122	0.06076	6.13E-02	0.004146	2.44E-05	0.006967	7.25E-02	0.071049	0.004191	1.81E-05	0.007686	0.082943
968	490686.72	3861085.12	2.10353	3.06158	2.08071	3.74972	4.80E-02	0.00326	3.1E-05	0.01199	0.06329	6.35E-02	0.004314	2.55E-05	0.007443	7.53E-02	0.07355	0.00436	1.88E-05	0.008211	0.086139
969	490736.72	3861085.12	2.16377	3.16553	2.15249	3.96798	4.94E-02	0.00337	3.2E-05	0.01269	0.06547	6.53E-02	0.00446	2.63E-05	0.007876	7.77E-02	0.075656	0.004508	1.95E-05	0.008689	0.088872
970	490786.72	3861085.12	2.20979	3.25085	2.20977	4.15957	5.04E-02	0.00346	3.3E-05	0.0133	0.06722	6.67E-02	0.00458	2.7E-05	0.008256	7.96E-02	0.077265	0.00463	2E-05	0.009108	0.091023
971	490836.72	3861085.12	2.23982	3.31481	2.25095	4.31515	5.11E-02	0.00353	3.4E-05	0.0138	0.06848	6.76E-02	0.00467	2.75E-05	0.008565	8.09E-02	0.078315	0.004721	2.04E-05	0.009449	0.092505
972	490086.72	3861135.12	1.85356	2.29474	2.09598	3.25047	4.23E-02	0.00244	3.2E-05	0.01039	0.05517	5.59E-02	0.003233	2.57E-05	0.006452	6.57E-02	0.06481	0.003268	1.9E-05	0.007117	0.075214

973	490136.72	3861135.12	1.87707	2.3846	2.08169	3.37943	4.28E-02	0.00254	3.1E-05	0.0108	0.05621	5.67E-02	0.00336	2.55E-05	0.006708	6.67E-02	0.065632	0.003396	1.88E-05	0.0074	0.076446
974	490186.72	3861135.12	1.88839	2.45761	2.04786	3.48054	4.31E-02	0.00262	3.1E-05	0.01113	0.05687	5.70E-02	0.003463	2.51E-05	0.006909	6.74E-02	0.066027	0.0035	1.85E-05	0.007621	0.077167
975	490236.72	3861135.12	1.88433	2.5062	1.99326	3.54658	4.30E-02	0.00267	3E-05	0.01134	0.05704	5.69E-02	0.003531	2.44E-05	0.00704	6.75E-02	0.065885	0.003569	1.8E-05	0.007766	0.077239
976	490286.72	3861135.12	1.8638	2.52636	1.91924	3.57194	4.25E-02	0.00269	2.9E-05	0.01142	0.05667	5.63E-02	0.003559	2.35E-05	0.00709	6.69E-02	0.065168	0.003598	1.74E-05	0.007821	0.076604
977	490336.72	3861135.12	1.82708	2.51658	1.92378	3.55388	4.17E-02	0.00268	2.9E-05	0.01136	0.05577	5.51E-02	0.003546	2.35E-05	0.007054	6.58E-02	0.063884	0.003584	1.74E-05	0.007782	0.075267
978	490386.72	3861135.12	1.87278	2.48095	1.97948	3.49466	4.27E-02	0.00264	3E-05	0.01117	0.05658	5.65E-02	0.003496	2.42E-05	0.006937	6.70E-02	0.065482	0.003533	1.79E-05	0.007652	0.076685
979	490436.72	3861135.12	1.92492	2.50368	2.0186	3.39034	4.39E-02	0.00267	3E-05	0.01084	0.05746	5.81E-02	0.003528	2.47E-05	0.006729	6.84E-02	0.067305	0.003566	1.83E-05	0.007424	0.078312
980	490486.72	3861135.12	1.9649	2.52414	2.04199	3.24477	4.48E-02	0.00269	3.1E-05	0.01037	0.05793	5.93E-02	0.003556	2.5E-05	0.006441	6.93E-02	0.068703	0.003595	1.85E-05	0.007105	0.079421
981	490536.72	3861135.12	1.98983	2.5359	2.04785	3.09993	4.54E-02	0.0027	3.1E-05	0.00991	0.05805	6.01E-02	0.003573	2.51E-05	0.006153	6.98E-02	0.069574	0.003611	1.85E-05	0.006788	0.079992
982	490586.72	3861135.12	1.99664	2.62933	2.03444	3.17616	4.56E-02	0.0028	3.1E-05	0.01015	0.05855	6.03E-02	0.003705	2.49E-05	0.006304	7.03E-02	0.069812	0.003745	1.84E-05	0.006955	0.08053
983	490636.72	3861135.12	1.9837	2.76824	2.00146	3.21414	4.53E-02	0.00295	3E-05	0.01028	0.05852	5.99E-02	0.0039	2.45E-05	0.00638	7.02E-02	0.06936	0.003942	1.81E-05	0.007038	0.080358
984	490686.72	3861135.12	1.99738	2.89972	1.96531	3.45912	4.56E-02	0.00309	3E-05	0.01106	0.05976	6.03E-02	0.004086	2.41E-05	0.006866	7.13E-02	0.069838	0.00413	1.78E-05	0.007574	0.08156
985	490736.72	3861135.12	2.06854	3.01808	2.04866	3.69419	4.72E-02	0.00322	3.1E-05	0.01181	0.06226	6.24E-02	0.004252	2.51E-05	0.007333	7.40E-02	0.072326	0.004298	1.85E-05	0.008089	0.084732
986	490786.72	3861135.12	2.12698	3.11914	2.11896	3.90675	4.85E-02	0.00332	3.2E-05	0.01249	0.06438	6.42E-02	0.004395	2.59E-05	0.007754	7.64E-02	0.07437	0.004442	1.92E-05	0.008554	0.087385
987	490836.72	3861135.12	2.17067	3.20084	2.17429	4.09201	4.95E-02	0.00341	3.3E-05	0.01308	0.06606	6.55E-02	0.00451	2.66E-05	0.008122	7.82E-02	0.075897	0.004558	1.97E-05	0.00896	0.089436
988	490086.72	3861185.12	1.80169	2.18715	2.06516	3.08856	4.11E-02	0.00233	3.1E-05	0.00987	0.05335	5.44E-02	0.003082	2.53E-05	0.00613	6.36E-02	0.062996	0.003115	1.87E-05	0.006763	0.072892
989	490136.72	3861185.12	1.8305	2.28013	2.06449	3.22991	4.18E-02	0.00243	3.1E-05	0.01033	0.05456	5.52E-02	0.003213	2.53E-05	0.006411	6.49E-02	0.064003	0.003247	1.87E-05	0.007072	0.074342
990	490186.72	3861185.12	1.8505	2.36285	2.04681	3.35133	4.22E-02	0.00252	3.1E-05	0.01071	0.05549	5.58E-02	0.003329	2.51E-05	0.006652	6.59E-02	0.064703	0.003365	1.85E-05	0.007338	0.075424
991	490236.72	3861185.12	1.85824	2.42828	2.01004	3.44306	4.24E-02	0.00259	3E-05	0.01101	0.05603	5.61E-02	0.003421	2.46E-05	0.006834	6.64E-02	0.064973	0.003458	1.82E-05	0.007539	0.075989
992	490286.72	3861185.12	1.85397	2.47401	1.95635	3.50371	4.23E-02	0.00264	2.9E-05	0.0112	0.05618	5.60E-02	0.003486	2.39E-05	0.006954	6.64E-02	0.064824	0.003523	1.77E-05	0.007672	0.076037
993	490336.72	3861185.12	1.82658	2.48181	1.87713	3.51531	4.17E-02	0.00264	2.8E-05	0.01124	0.05559	5.51E-02	0.003497	2.3E-05	0.006978	6.56E-02	0.063866	0.003534	1.7E-05	0.007697	0.075115
994	490386.72	3861185.12	1.79057	2.47089	1.8976	3.49349	4.09E-02	0.00263	2.9E-05	0.01117	0.05469	5.40E-02	0.003481	2.32E-05	0.006934	6.45E-02	0.062607	0.003519	1.72E-05	0.00765	0.073793
995	490436.72	3861185.12	1.84893	2.43433	1.95293	3.43027	4.22E-02	0.00259	2.9E-05	0.01097	0.05578	5.58E-02	0.00343	2.39E-05	0.006809	6.61E-02	0.064648	0.003467	1.77E-05	0.007511	0.075643
996	490486.72	3861185.12	1.89846	2.45873	1.98997	3.32121	4.33E-02	0.00262	3E-05	0.01062	0.05659	5.73E-02	0.003464	2.44E-05	0.006592	6.74E-02	0.06638	0.003502	1.8E-05	0.007272	0.077171
997	490536.72	3861185.12	1.94031	2.48279	2.01593	3.17761	4.43E-02	0.00265	3E-05	0.01016	0.05711	5.86E-02	0.003498	2.47E-05	0.006307	6.84E-02	0.067843	0.003536	1.82E-05	0.006958	0.078355
998	490586.72	3861185.12	1.95983	2.48863	2.01743	3.05924	4.47E-02	0.00265	3E-05	0.00978	0.05719	5.91E-02	0.003506	2.47E-05	0.006072	6.88E-02	0.068525	0.003544	1.83E-05	0.006699	0.078786
999	490636.72	3861185.12	1.95978	2.59146	1.99848	3.12473	4.47E-02	0.00276	3E-05	0.00999	0.0575	5.91E-02	0.003651	2.45E-05	0.006202	6.90E-02	0.068524	0.003691	1.81E-05	0.006842	0.079074
1000	490686.72	3861185.12	1.94788	2.72926	1.9676	3.16673	4.45E-02	0.00291	3E-05	0.01012	0.05751	5.88E-02	0.003845	2.41E-05	0.006286	6.89E-02	0.068108	0.003887	1.78E-05	0.006934	0.078946
1001	490736.72	3861185.12	1.96568	2.86097	1.93607	3.4115	4.49E-02	0.00305	2.9E-05	0.01091	0.05884	5.93E-02	0.004031	2.37E-05	0.006771	7.02E-02	0.06873	0.004074	1.75E-05	0.00747	0.080292
1002	490786.72	3861185.12	2.03521	2.97675	2.01806	3.64083	4.64E-02	0.00317	3E-05	0.01164	0.06129	6.14E-02	0.004194	2.47E-05	0.007227	7.29E-02	0.071161	0.004239	1.83E-05	0.007972	0.083391
1003	490836.72	3861185.12	2.09157	3.07454	2.08659	3.84758	4.77E-02	0.00328	3.1E-05	0.0123	0.06334	6.31E-02	0.004332	2.55E-05	0.007637	7.51E-02	0.073132	0.004379	1.89E-05	0.008425	0.085954
1004	490086.72	3861235.12	1.74405	2.07841	2.02026	2.91914	3.98E-02	0.00221	3E-05	0.00933	0.05138	5.26E-02	0.002928	2.47E-05	0.005794	6.14E-02	0.060981	0.00296	1.83E-05	0.006392	0.070351
1005	490136.72	3861235.12	1.78137	2.177	2.03692	3.07409	4.07E-02	0.00232	3.1E-05	0.00983	0.05283	5.38E-02	0.003067	2.49E-05	0.006102	6.30E-02	0.062286	0.0031	1.84E-05	0.006731	0.072136
1006	490186.72	3861235.12	1.81057	2.26856	2.03655	3.2126	4.13E-02	0.00242	3.1E-05	0.01027	0.05404	5.46E-02	0.003196	2.49E-05	0.006377	6.42E-02	0.063306	0.003231	1.84E-05	0.007035	0.07359
1007	490236.72	3861235.12	1.82504	2.34184	2.01338	3.3223	4.16E-02	0.00249	3E-05	0.01062	0.0548	5.51E-02	0.0033	2.46E-05	0.006594	6.50E-02	0.063812	0.003335	1.82E-05	0.007275	0.07444
1008	490386.72	3861235.12	1.79302	2.44212	1.8389	3.46265	4.09E-02	0.0026	2.8E-05	0.01107	0.05462	5.41E-02	0.003441	2.25E-05	0.006873	6.45E-02	0.062693	0.003478	1.66E-05	0.007582	0.073769
1009	490436.72	3861235.12	1.76135	2.42427	1.8708	3.43144	4.02E-02	0.00258	2.8E-05	0.01097	0.05378	5.32E-02	0.003416	2.29E-05	0.006811	6.34E-02	0.061586	0.003453	1.69E-05	0.007514	0.072569
1010	490486.72	3861235.12	1.81973	2.38394	1.92118	3.36004	4.15E-02	0.00254	2.9E-05	0.01074	0.05484	5.49E-02	0.003359	2.35E-05	0.006669	6.50E-02	0.063627	0.003395	1.74E-05	0.007357	0.074397
1011	490536.72	3861235.12	1.87507	2.41838	1.96453	3.25649	4.28E-02	0.00258	3E-05	0.01041	0.05581	5.66E-02	0.003407	2.4E-05	0.006464	6.65E-02	0.065562	0.003444	1.78E-05	0.007131	0.076154
1012	490586.72	3861235.12	1.91382	2.43931	1.98813	3.10925	4.37E-02	0.0026	3E-05	0.00994	0.05624	5.78E-02	0.003437	2.43E-05	0.006172	6.74E-02	0.066917	0.003474	1.8E-05	0.006808	0.077217
1013	490636.72	3861235.12	1.92313	2.4333	1.98058	3.01191	4.39E-02	0.00259	3E-05	0.00963	0.05614	5.80E-02	0.003428	2.42E-05	0.005978	6.75E-02	0.067242	0.003465	1.79E-05	0.006595	0.077321
1014	490686.72	3861235.12	1.92684	2.55801	1.96629	3.07762	4.40E-02	0.00273	3E-05	0.00984	0.05657	5.82E-02	0.003604	2.41E-05	0.006109	6.79E-02	0.067372	0.003643	1.78E-05	0.006739	0.077772
1015	490736.72	3861235.12	1.91717	2.69649	1.93854	3.12734	4.38E-02	0.00287	2.9E-05	0.01	0.05665	5.79E-02	0.003799	2.37E-05	0.006207	6.79E-02	0.067034	0.00384	1.75E-05	0.006848	0.077739
1016	490786.72	3861235.12	1.9361	2.82509	1.90873	3.3663	4.42E-02	0.00301	2.9E-05	0.01076	0.05798	5.84E-02	0.00398	2.34E-05	0.006682	6.91E-02	0.067696	0.004023	1.73E-05	0.007371	0.079107
1017	490836.72	3861235.12	2.0025	2.93607	1.98794	3.58845	4.57E-02	0.00313	3E-05	0.01147	0.06033	6.04E-02	0.004137	2.43E-05	0.007123	7.17E-02	0.070017	0.004181	1.8E-05	0.007858	0.082074
1018	490086.72	3861285.12	1.68608	2.04097	1.96748	2.74944	3.85E-02	0.00217	3E-05	0.00879	0.04947	5.09E-02	0.002876	2.41E-05	0.005457	5.92E-02	0.058954	0.002907	1.78E-05	0.00602	0.067898
1019	490136.72	3861285.12	1.73387	2.08123	2.00362	2.91817	3.96E-02	0.00222	3E-05	0.00933	0.05115	5.23E-02	0.002932	2.45E-05	0.005792	6.11E-02	0.060625	0.002964	1.81E-05	0.00639	0.069997
1020	490186.72	3861285.12	1.76585	2.17202	2.014	3.06396	4.03E-02	0.00231	3E-05	0.0098	0.05244	5.33E-02	0.00306	2.46E-05	0.006082	6.25E-02	0.061743	0.003093	1.82E-05	0.006709	0.071563
1021	490236.72	3861285.12	1.78953	2.2548	2.00768	3.19279	4.08E-02	0.0024	3E-05	0.01021	0.05348	5.40E-02	0.003177	2.46E-05	0.006337	6.35E-02	0.062571	0.003211	1.82E-05	0.006991	0.072791
1022	490386.72	3861285.12	1.78911	2.40189	1.87949	3.41031	4.08E-02	0.00256	2.8E-05	0.0109	0.05432	5.40E-02	0.003384	2.3E-05	0.006769	6.42E-02	0.062556	0.003421	1.7E-05	0.007467	0.073461
1023	490436.72	3861285.12	1.76416	2.40876	1.80549	3.41529	4.03E-02	0.00257	2.7E-05	0.01092	0.05377	5.32E-02	0.003394	2.21E-05	0.006779	6.34E-02	0.061684	0.00343	1.63E-05	0.007478	0.072609
1024	490486.72	3861285.12	1.7426	2.38542	1.8494	3.3765	3.98E-02	0.00254	2.8E-05	0.01079	0.05313	5.26E-02	0.003361	2.26E-05	0.006702	6.27E-02	0.06093	0.003397	1.67E-05	0.007393	0.071737
1025	490536.72	3861285.12	1.79912	2.34694	1.89816	3.30009	4.11E-02	0.0025	2.9E-05	0.01055	0.05414	5.43E-02	0.003307	2.32E-05	0.00655	6.42E-02	0.062906	0.003342	1.72E-05	0.007226	0.073492
1026	490586.72	3861285.12	1.84606	2.37104	1.93364	3.18619	4.21E-02	0.00253	2.9E-05	0.01019	0.05487	5.57E-02	0.003341	2.37E-05	0.006324	6.54E-02	0.064547	0.003377	1.75E-05	0.006977	0.074918
1027	490636.72	3861285.12	1.87331	2.37814	1.94668	3.02653	4.28E-02	0.00253	2.9E-05	0.00968	0.05499	5.65E-02	0.003351	2.38E-05	0.006007	6.59E-02	0.0655	0.003387	1.76E-05	0.006627	0.075532
1028	490686.72	3861285.12	1.89125	2.38483	1.94849	2.96875	4.32E-02	0.00254	2.9E-05	0.00949	0.05522	5.71E-02	0.00336	2.38E-05	0.005893	6.64E-02	0.066127	0.003396	1.76E-05	0.006501	0.076042
1029	490736.72	3861285.12	1.89988	2.53148	1.93984	3.03701	4.34E-02	0.0027	2.9E-05	0.00971	0.05579	5.73E-02	0.003567	2.37E-05	0.006028	6.70E-02	0.066429	0.003605	1.75E-05	0.00665	0.076702
1030	490786.72	3861285.12	1.88619	2.6632	1.9092	3.08795	4.30E-02	0.00284	2.9E-05	0.00987	0.05578	5.69E-02	0.003752	2.34E-05	0.006129	6.68E-02	0.065951	0.003793	1.73E-05	0.006762	0.076522
1031	490836.72	3861285.12	1.90177	2.78181	1.87696	3.31615	4.34E-02	0.00296	2.8E-05	0.0106	0.05699	5.74E-02	0.003919	2.3E-05	0.006582	6.79E-02	0.066495	0.003962	1.7E-05	0.007261	0.077735
1032	490061.24	3859716.13	3.10331	4.46132	2.96088	5.55766	7.08E-02	0.00475	4.5E-05	0.01777	0.09339	9.37E-02	0.006286	3.62E-05	0.011031	1.11E-01	0.108507	0.006354	2.68E-05	0.012169	0.127057
1033	490111.24	3859716.13	2.97976	4.34341	2.8367	5.41177	6.80E-02	0.00463	4.3E-05	0.0173	0.08997	8.99E-02	0.00612	3.47E-05	0.010742	1.07E-01	0.104187	0.006186	2.57E-05	0.01185	0.122248

1034	490161.24	3859716.13	2.91274	4.20964	2.67687	5.25234	6.65E-02	0.00448	4E-05	0.01679	0.08779	8.79E-02	0.005931	3.28E-05	0.010425	1.04E-01	0.101844	0.005995	2.42E-05	0.011501	0.119364
1035	490211.24	3859716.13	2.85228	4.11836	2.58157	5.29034	6.51E-02	0.00439	3.9E-05	0.01691	0.08643	8.61E-02	0.005803	3.16E-05	0.010501	1.02E-01	0.09973	0.005865	2.34E-05	0.011584	0.117202
1036	490061.24	3859766.13	3.15858	4.46286	3.0093	5.53662	7.21E-02	0.00475	4.5E-05	0.0177	0.09458	9.53E-02	0.006288	3.68E-05	0.01099	1.13E-01	0.11044	0.006356	2.72E-05	0.012123	0.128946
1037	490111.24	3859766.13	3.03343	4.35905	2.93054	5.41343	6.92E-02	0.00464	4.4E-05	0.01731	0.09122	9.16E-02	0.006142	3.59E-05	0.010745	1.08E-01	0.106064	0.006208	2.65E-05	0.011854	0.124152
1038	490161.24	3859766.13	2.91026	4.24121	2.8122	5.2787	6.64E-02	0.00452	4.2E-05	0.01688	0.08785	8.78E-02	0.005976	3.44E-05	0.010478	1.04E-01	0.101757	0.00604	2.54E-05	0.011559	0.119381
1039	490211.24	3859766.13	2.844	4.11882	2.66277	5.13176	6.49E-02	0.00439	4E-05	0.01641	0.08574	8.58E-02	0.005803	3.26E-05	0.010186	1.02E-01	0.09944	0.005866	2.41E-05	0.011237	0.116567
1040	490061.24	3859816.13	3.19532	4.43734	2.99498	5.48926	7.29E-02	0.00473	4.5E-05	0.01755	0.09524	9.64E-02	0.006252	3.67E-05	0.010896	1.14E-01	0.111724	0.006319	2.71E-05	0.01202	0.13009
1041	490111.24	3859816.13	3.07849	4.34603	2.9645	5.38548	7.03E-02	0.00463	4.5E-05	0.01722	0.09215	9.29E-02	0.006123	3.63E-05	0.01069	1.10E-01	0.107639	0.006189	2.68E-05	0.011792	0.125648
1042	490161.24	3859816.13	2.96151	4.25009	2.89503	5.27185	6.76E-02	0.00453	4.4E-05	0.01685	0.08901	8.94E-02	0.005988	3.54E-05	0.010464	1.06E-01	0.103549	0.006053	2.62E-05	0.011544	0.121172
1043	490211.24	3859816.13	2.84559	4.14412	2.78768	5.14775	6.49E-02	0.00441	4.2E-05	0.01646	0.08585	8.59E-02	0.005839	3.41E-05	0.010218	1.02E-01	0.099496	0.005902	2.52E-05	0.011272	0.116695
1044	490061.24	3859866.13	3.20802	4.39051	2.9232	5.42278	7.32E-02	0.00468	4.4E-05	0.01734	0.09527	9.68E-02	0.006186	3.58E-05	0.010764	1.14E-01	0.112168	0.006253	2.64E-05	0.011874	0.130321
1045	490111.24	3859866.13	3.10858	4.3194	2.94272	5.33645	7.09E-02	0.0046	4.4E-05	0.01706	0.09265	9.38E-02	0.006086	3.6E-05	0.010592	1.11E-01	0.108691	0.006151	2.66E-05	0.011685	0.126554
1046	490161.24	3859866.13	3.0041	4.23922	2.92263	5.24087	6.86E-02	0.00452	4.4E-05	0.01676	0.08987	9.07E-02	0.005973	3.58E-05	0.010403	1.07E-01	0.105038	0.006037	2.64E-05	0.011476	0.122578
1047	490211.24	3859866.13	2.89603	4.15171	2.86267	5.13616	6.61E-02	0.00442	4.3E-05	0.01642	0.08698	8.74E-02	0.005849	3.5E-05	0.010195	1.03E-01	0.10126	0.005913	2.59E-05	0.011246	0.118445
1048	490061.24	3859916.13	3.1952	4.32764	2.80052	5.68169	7.29E-02	0.00461	4.2E-05	0.01816	0.09573	9.64E-02	0.006097	3.43E-05	0.011278	1.14E-01	0.11172	0.006163	2.53E-05	0.012441	0.13035
1049	490111.24	3859916.13	3.11598	4.27298	2.86645	5.27022	7.11E-02	0.00455	4.3E-05	0.01685	0.09255	9.40E-02	0.00602	3.51E-05	0.010461	1.11E-01	0.10895	0.006085	2.59E-05	0.01154	0.126601
1050	490161.24	3859916.13	3.02651	4.20751	2.8926	5.19112	6.91E-02	0.00448	4.4E-05	0.0166	0.09019	9.13E-02	0.005928	3.54E-05	0.010304	1.08E-01	0.105822	0.005992	2.62E-05	0.011367	0.123207
1051	490211.24	3859916.13	2.92924	4.13171	2.87837	5.10027	6.68E-02	0.0044	4.3E-05	0.01631	0.0876	8.84E-02	0.005821	3.52E-05	0.010124	1.04E-01	0.102421	0.005884	2.6E-05	0.011168	0.119499
1052	490229.25	3859815.26	2.80626	4.10751	2.74076	5.10198	6.40E-02	0.00438	4.1E-05	0.01631	0.08477	8.47E-02	0.005787	3.35E-05	0.010127	1.01E-01	0.098121	0.00585	2.48E-05	0.011172	0.115167
1053	490279.25	3859815.26	2.76407	3.98703	2.58837	4.96296	6.31E-02	0.00425	3.9E-05	0.01587	0.08323	8.34E-02	0.005617	3.17E-05	0.009851	9.89E-02	0.096646	0.005678	2.34E-05	0.010867	0.113214
1054	490329.25	3859815.26	2.72097	3.90109	2.44997	4.99886	6.21E-02	0.00416	3.7E-05	0.01598	0.08227	8.21E-02	0.005496	3E-05	0.009922	9.76E-02	0.095139	0.005556	2.22E-05	0.010946	0.111662
1055	490379.25	3859815.26	2.67073	3.93532	2.49898	5.03837	6.09E-02	0.00419	3.8E-05	0.01611	0.08129	8.06E-02	0.005545	3.06E-05	0.010001	9.62E-02	0.093382	0.005604	2.26E-05	0.011032	0.110041
1056	490429.25	3859815.26	2.6153	3.94952	2.5582	5.03475	5.97E-02	0.00421	3.9E-05	0.0161	0.08003	7.89E-02	0.005565	3.13E-05	0.009993	9.45E-02	0.091444	0.005625	2.31E-05	0.011024	0.108116
1057	490229.25	3859865.26	2.85604	4.11926	2.8307	5.09674	6.52E-02	0.00439	4.3E-05	0.01629	0.0859	8.62E-02	0.005804	3.46E-05	0.010116	1.02E-01	0.099861	0.005866	2.56E-05	0.01116	0.116913
1058	490279.25	3859865.26	2.74618	4.0157	2.71887	4.9789	6.27E-02	0.00428	4.1E-05	0.01592	0.08291	8.29E-02	0.005658	3.33E-05	0.009883	9.85E-02	0.09602	0.005719	2.46E-05	0.010902	0.112666
1059	490329.25	3859865.26	2.69693	3.90415	2.57621	4.85174	6.15E-02	0.00416	3.9E-05	0.01551	0.08126	8.14E-02	0.005501	3.15E-05	0.00963	9.66E-02	0.094298	0.00556	2.33E-05	0.010624	0.110505
1060	490379.25	3859865.26	2.6672	3.79499	2.41119	4.84931	6.09E-02	0.00404	3.6E-05	0.0155	0.08045	8.05E-02	0.005347	2.95E-05	0.009625	9.55E-02	0.093258	0.005405	2.18E-05	0.010618	0.109303
1061	490429.25	3859865.26	2.62511	3.83436	2.42535	4.90093	5.99E-02	0.00408	3.7E-05	0.01567	0.0797	7.92E-02	0.005402	2.97E-05	0.009728	9.44E-02	0.091787	0.005461	2.19E-05	0.010731	0.108001
1062	490229.25	3859915.26	2.8937	4.10503	2.86465	5.06743	6.60E-02	0.00437	4.3E-05	0.0162	0.08665	8.73E-02	0.005784	3.51E-05	0.010058	1.03E-01	0.101178	0.005846	2.59E-05	0.011096	0.118146
1063	490279.25	3859915.26	2.7891	4.01597	2.79574	4.96564	6.36E-02	0.00428	4.2E-05	0.01588	0.08385	8.42E-02	0.005658	3.42E-05	0.009856	9.97E-02	0.097521	0.005719	2.53E-05	0.010873	0.114138
1064	490329.25	3859915.26	2.68643	3.92296	2.69416	4.85753	6.13E-02	0.00418	4.1E-05	0.01553	0.08106	8.11E-02	0.005527	3.3E-05	0.009642	9.63E-02	0.093931	0.005587	2.44E-05	0.010636	0.110178
1065	490379.25	3859915.26	2.62891	3.82402	2.56305	4.74106	6.00E-02	0.00407	3.9E-05	0.01516	0.07926	7.93E-02	0.005388	3.14E-05	0.009411	9.42E-02	0.09192	0.005446	2.32E-05	0.010381	0.10777
1066	490429.25	3859915.26	2.60772	3.71639	2.40591	4.70191	5.95E-02	0.00396	3.6E-05	0.01503	0.07854	7.87E-02	0.005236	2.94E-05	0.009333	9.33E-02	0.091179	0.005293	2.18E-05	0.010296	0.106789
1067	490451.43	3859872.59	2.60238	3.82449	2.43125	4.88734	5.94E-02	0.00407	3.7E-05	0.01562	0.07912	7.85E-02	0.005388	2.98E-05	0.009701	9.37E-02	0.090992	0.005447	2.2E-05	0.010702	0.107162
1068	490501.43	3859872.59	2.55214	3.83819	2.48739	4.88722	5.82E-02	0.00409	3.7E-05	0.01562	0.07799	7.70E-02	0.005408	3.04E-05	0.009701	9.22E-02	0.089235	0.005466	2.25E-05	0.010701	0.105425
1069	490551.43	3859872.59	2.5002	3.83797	2.53666	4.8489	5.71E-02	0.00409	3.8E-05	0.0155	0.07669	7.55E-02	0.005407	3.1E-05	0.009625	9.05E-02	0.087419	0.005466	2.29E-05	0.010617	0.103526
1070	490601.43	3859872.59	2.4412	3.81029	2.57123	4.76972	5.57E-02	0.00406	3.9E-05	0.01525	0.07506	7.37E-02	0.005368	3.15E-05	0.009467	8.85E-02	0.085356	0.005426	2.33E-05	0.010444	0.10125
1071	490451.43	3859922.59	2.5903	3.68523	2.355	4.70305	5.91E-02	0.00393	3.5E-05	0.01504	0.07811	7.82E-02	0.005192	2.88E-05	0.009335	9.27E-02	0.09057	0.005248	2.13E-05	0.010298	0.106137
1072	490501.43	3859922.59	2.55542	3.72546	2.35942	4.75505	5.83E-02	0.00397	3.6E-05	0.0152	0.07752	7.71E-02	0.005249	2.89E-05	0.009438	9.18E-02	0.08935	0.005306	2.13E-05	0.010412	0.105089
1073	490551.43	3859922.59	2.516	3.75302	2.42023	4.76975	5.74E-02	0.004	3.6E-05	0.01525	0.0767	7.59E-02	0.005288	2.96E-05	0.009467	9.07E-02	0.087972	0.005345	2.19E-05	0.010444	0.103783
1074	490601.43	3859922.59	2.47019	3.7608	2.47149	4.74584	5.64E-02	0.00401	3.7E-05	0.01517	0.07559	7.46E-02	0.005299	3.02E-05	0.00942	8.93E-02	0.08637	0.005356	2.24E-05	0.010392	0.10214
1075	482129.67	3852241.07	4.0988	4.09557	5.12367	5.79993	9.35E-02	0.00436	7.7E-05	0.01854	0.11652	1.24E-01	0.00577	6.27E-05	0.011512	1.41E-01	0.143314	0.005833	4.64E-05	0.0127	0.161893
1076	482029.67	3852291.07	4.234	5.05263	5.201	5.62133	9.66E-02	0.00538	7.8E-05	0.01797	0.12006	1.28E-01	0.007119	6.37E-05	0.011158	1.46E-01	0.148042	0.007196	4.71E-05	0.012309	0.167593
1077	482079.67	3852291.07	4.24104	4.75829	5.2747	5.81378	9.68E-02	0.00507	7.9E-05	0.01859	0.12052	1.28E-01	0.006704	6.46E-05	0.01154	1.46E-01	0.148288	0.006777	4.77E-05	0.01273	0.167842
1078	482129.67	3852291.07	4.21679	4.43735	5.27659	5.90529	9.62E-02	0.00473	8E-05	0.01888	0.11992	1.27E-01	0.006252	6.46E-05	0.011721	1.45E-01	0.14744	0.006319	4.77E-05	0.012931	0.166738
1079	482179.67	3852291.07	4.16382	4.21895	5.2103	5.87764	9.50E-02	0.00449	7.9E-05	0.01879	0.11839	1.26E-01	0.005944	6.38E-05	0.011667	1.43E-01	0.145588	0.006008	4.71E-05	0.01287	0.164513
1080	482229.67	3852291.07	4.08131	4.36076	5.07975	5.71644	9.31E-02	0.00465	7.7E-05	0.01828	0.11614	1.23E-01	0.006144	6.22E-05	0.011347	1.41E-01	0.142703	0.00621	4.6E-05	0.012517	0.161476
1081	482029.67	3852341.07	4.24542	5.34357	5.1452	5.44141	9.69E-02	0.00569	7.8E-05	0.0174	0.12005	1.28E-01	0.007529	6.3E-05	0.010801	1.47E-01	0.148441	0.00761	4.65E-05	0.011915	0.168012
1082	482079.67	3852341.07	4.29185	5.09011	5.29489	5.72685	9.79E-02	0.00542	8E-05	0.01831	0.12175	1.30E-01	0.007172	6.48E-05	0.011367	1.48E-01	0.150064	0.007249	4.79E-05	0.01254	0.169901
1083	482129.67	3852341.07	4.30039	4.78299	5.36625	5.92206	9.81E-02	0.0051	8.1E-05	0.01893	0.12225	1.30E-01	0.006739	6.57E-05	0.011755	1.48E-01	0.150363	0.006812	4.85E-05	0.012967	0.17019
1084	482179.67	3852341.07	4.27889	4.4551	5.36687	6.00665	9.76E-02	0.00475	8.1E-05	0.0192	0.12168	1.29E-01	0.006277	6.57E-05	0.011923	1.47E-01	0.149611	0.006345	4.86E-05	0.013153	0.169157
1085	482259.06	3852400.14	4.28033	4.32864	5.39906	6.17769	9.77E-02	0.00461	8.1E-05	0.01975	0.12212	1.29E-01	0.006099	6.61E-05	0.012262	1.48E-01	0.149661	0.006165	4.88E-05	0.013527	0.169402
1086	482309.06	3852400.14	4.23844	4.51842	5.31359	6.07007	9.67E-02	0.00481	8E-05	0.01941	0.12102	1.28E-01	0.006366	6.5E-05	0.012048	1.46E-01	0.148197	0.006435	4.81E-05	0.013291	0.167971
1087	482209.06	3852450.14	4.39757	4.9921	5.50719	6.05809	1.00E-01	0.00532	8.3E-05	0.01937	0.12513	1.33E-01	0.007034	6.74E-05	0.012025	1.52E-01	0.153761	0.007109	4.98E-05	0.013265	0.174185
1088	482259.06	3852450.14	4.39253	4.65158	5.54197	6.22819	1.00E-01	0.00496	8.4E-05	0.01991	0.12519	1.33E-01	0.006554	6.78E-05	0.012362	1.52E-01	0.153585	0.006625	5.01E-05	0.013638	0.173897
1089	482309.06	3852450.14	4.37502	4.50321	5.51736	6.2583	9.98E-02	0.0048	8.3E-05	0.02001	0.12473	1.32E-01	0.006345	6.75E-05	0.012422	1.51E-01	0.152972	0.006413	4.99E-05	0.013704	0.173139
1090	482209.06	3852500.14	4.44068	5.3533	5.5037	5.89755	1.01E-01	0.0057	8.3E-05	0.01885	0.12598	1.34E-01	0.007542	6.74E-05	0.011706	1.53E-01	0.155268	0.007624	4.98E-05	0.012914	0.175855
1091	482259.06	3852500.14	4.476	5.03578	5.62161	6.17333	1.02E-01	0.00536	8.5E-05	0.01974	0.12733	1.35E-01	0.007095	6.88E-05	0.012253	1.55E-01	0.156503	0.007172	5.09E-05	0.013518	0.177243
1092	482309.06	3852500.14	4.48248	4.6921	5.66252	6.33522	1.02E-01	0.005	8.5E-05	0.02025	0.12763	1.35E-01	0.006611	6.93E-05	0.012575	1.55E-01	0.15673	0.006682	5.12E-05	0.013872	0.177335
1093	482283.91	3852513.62	4.49988	4.96718	5.66665	6.25274	1.03E-01	0.00529	8.5E-05	0.01999	0.12806	1.36E-01	0.006998	6.94E-05	0.012411	1.55E-01	0.157338	0.007074	5.13E-05	0.013691	0.178155
1094	482333.91	3852513.62	4.48993	4.60692	5.67842	6.38494	1.02E-01	0.00491	8.6E-05	0.02041	0.12787	1.36E-01	0.006491	6.95E-05	0.012673	1.55E-01	0.15699	0.006561	5.14E-05	0.013981	0.177583

1095	482283.91	3852563.62	4.54097	5.3368	5.67448	6.1124		1.04E-01	0.00569	8.6E-05	0.01954	0.12894		1.37E-01	0.007519	6.95E-05	0.012132	1.57E-01		0.158775	0.0076	5.13E-05	0.013384	0.179811
1096	482333.91	3852563.62	4.56159	4.98131	5.76192	6.36844		1.04E-01	0.00531	8.7E-05	0.02036	0.12985		1.38E-01	0.007018	7.05E-05	0.012641	1.57E-01		0.159496	0.007094	5.21E-05	0.013945	0.180587
1097	482383.91	3852563.62	4.54041	4.64015	5.75367	6.50799		1.04E-01	0.00494	8.7E-05	0.02081	0.12945		1.37E-01	0.006538	7.04E-05	0.012918	1.57E-01		0.158755	0.006608	5.21E-05	0.01425	0.179666
1098	482283.91	3852613.62	4.57699	5.73139	5.63533	5.87727		1.04E-01	0.00611	8.5E-05	0.01879	0.12943		1.38E-01	0.008075	6.9E-05	0.011666	1.58E-01		0.160034	0.008162	5.1E-05	0.012869	0.181117
1099	482333.91	3852613.62	4.61898	5.38184	5.79055	6.2311		1.05E-01	0.00573	8.7E-05	0.01992	0.13115		1.39E-01	0.007583	7.09E-05	0.012368	1.59E-01		0.161502	0.007665	5.24E-05	0.013644	0.182863
1100	482383.91	3852613.62	4.62505	4.99031	5.85668	6.48535		1.06E-01	0.00532	8.8E-05	0.02073	0.13169		1.40E-01	0.007031	7.17E-05	0.012873	1.60E-01		0.161715	0.007107	5.3E-05	0.014201	0.183075
1101	482602.38	3852600.87	4.34718	4.86476	5.10918	5.9599		9.92E-02	0.00518	7.7E-05	0.01905	0.12352		1.31E-01	0.006854	6.25E-05	0.01183	1.50E-01		0.151999	0.006928	4.62E-05	0.01305	0.172023
1102	482652.38	3852600.87	4.17916	4.63514	4.75372	5.57139		9.54E-02	0.00494	7.2E-05	0.01781	0.11819		1.26E-01	0.006531	5.82E-05	0.011059	1.44E-01		0.146124	0.006601	4.3E-05	0.012199	0.164968
1103	482702.38	3852600.87	3.9651	4.35142	4.38309	4.99961		9.05E-02	0.00464	6.6E-05	0.01598	0.11117		1.20E-01	0.006131	5.36E-05	0.009924	1.36E-01		0.138639	0.006197	3.97E-05	0.010947	0.155824
1104	482552.38	3852650.87	4.64101	5.07501	5.72323	6.6243		1.06E-01	0.00541	8.6E-05	0.02118	0.13258		1.40E-01	0.00715	7E-05	0.013149	1.60E-01		0.162273	0.007228	5.18E-05	0.014505	0.184057
1105	482602.38	3852650.87	4.56191	5.04767	5.47289	6.39976		1.04E-01	0.00538	8.2E-05	0.02046	0.13003		1.38E-01	0.007112	6.7E-05	0.012703	1.58E-01		0.159507	0.007189	4.95E-05	0.014013	0.180758
1106	482652.38	3852650.87	4.4209	4.88724	5.14612	6.08527		1.01E-01	0.00521	7.8E-05	0.01945	0.12563		1.33E-01	0.006886	6.3E-05	0.012079	1.52E-01		0.154577	0.00696	4.66E-05	0.013325	0.174908
1107	482702.38	3852650.87	4.20497	4.61517	4.77174	5.68435		9.60E-02	0.00492	7.2E-05	0.01817	0.11912		1.27E-01	0.006502	5.84E-05	0.011283	1.45E-01		0.147027	0.006573	4.32E-05	0.012447	0.166089
1108	482552.38	3852700.87	4.8048	5.14514	5.99324	6.84069		1.10E-01	0.00548	9E-05	0.02187	0.13709		1.45E-01	0.007249	7.34E-05	0.013578	1.66E-01		0.168	0.007327	5.42E-05	0.014979	0.19036
1109	482602.38	3852700.87	4.74616	5.16366	5.79304	6.75213		1.08E-01	0.0055	8.7E-05	0.02159	0.13549		1.43E-01	0.007275	7.09E-05	0.013402	1.64E-01		0.165949	0.007354	5.24E-05	0.014785	0.18814
1110	482652.38	3852700.87	4.60769	5.02798	5.4874	6.57839		1.05E-01	0.00536	8.3E-05	0.02103	0.13162		1.39E-01	0.007084	6.72E-05	0.013057	1.59E-01		0.161108	0.007161	4.96E-05	0.014404	0.182722
1111	482702.38	3852700.87	4.44376	4.85826	5.16278	6.24347		1.01E-01	0.00518	7.8E-05	0.01996	0.12662		1.34E-01	0.006845	6.32E-05	0.012393	1.53E-01		0.155376	0.006919	4.67E-05	0.013671	0.176013
1112	482452.38	3852750.87	4.8515	5.66427	6.08941	6.45152		1.11E-01	0.00603	9.2E-05	0.02063	0.13747		1.46E-01	0.007981	7.45E-05	0.012806	1.67E-01		0.169632	0.008067	5.51E-05	0.014127	0.191881
1113	482521.29	3852749.74	4.90983	5.0673	6.19869	6.8435		1.12E-01	0.0054	9.3E-05	0.02188	0.13942		1.48E-01	0.00714	7.59E-05	0.013584	1.69E-01		0.171672	0.007217	5.61E-05	0.014985	0.19393
1114	482571.29	3852749.74	4.91901	5.19295	6.14697	6.96628		1.12E-01	0.00553	9.3E-05	0.02227	0.14015		1.48E-01	0.007317	7.52E-05	0.013827	1.70E-01		0.171993	0.007396	5.56E-05	0.015254	0.194698
1115	482521.29	3852799.74	4.96846	5.52145	6.25489	6.71617		1.13E-01	0.00588	9.4E-05	0.02147	0.14083		1.50E-01	0.007779	7.66E-05	0.013331	1.71E-01		0.173722	0.007863	5.66E-05	0.014706	0.196348
1116	482571.29	3852799.74	5.01862	5.18604	6.29927	6.9764		1.15E-01	0.00552	9.5E-05	0.0223	0.14245		1.51E-01	0.007307	7.71E-05	0.013847	1.73E-01		0.175476	0.007386	5.7E-05	0.015276	0.198194
1117	482621.29	3852799.74	5.04129	5.31071	6.23735	7.09943		1.15E-01	0.00566	9.4E-05	0.0227	0.1435		1.52E-01	0.007482	7.63E-05	0.014092	1.74E-01		0.176268	0.007563	5.64E-05	0.015545	0.199433
1118	482571.29	3852849.74	5.10129	5.5591	6.38964	6.85508		1.16E-01	0.00592	9.6E-05	0.02192	0.14435		1.54E-01	0.007832	7.82E-05	0.013607	1.75E-01		0.178366	0.007917	5.78E-05	0.01501	0.201351
1119	482621.29	3852849.74	5.18091	5.36881	6.43634	7.11615		1.18E-01	0.00572	9.7E-05	0.02275	0.1468		1.56E-01	0.007564	7.88E-05	0.014125	1.78E-01		0.18115	0.007646	5.82E-05	0.015582	0.204436
1120	482577.42	3852901.55	5.16859	6.04562	6.41857	6.65097		1.18E-01	0.00644	9.7E-05	0.02126	0.14575		1.56E-01	0.008518	7.86E-05	0.013201	1.78E-01		0.180719	0.00861	5.81E-05	0.014563	0.203951
1121	482627.42	3852901.55	5.30135	5.58307	6.56823	7.03427		1.21E-01	0.00595	9.9E-05	0.02249	0.14952		1.60E-01	0.007866	8.04E-05	0.013962	1.82E-01		0.185361	0.007951	5.94E-05	0.015403	0.208775
1122	482629.96	3852955.85	5.35988	6.14152	6.58731	6.79101		1.22E-01	0.00654	9.9E-05	0.02171	0.15067		1.62E-01	0.008653	8.06E-05	0.013479	1.84E-01		0.187408	0.008746	5.96E-05	0.01487	0.211084
1123	482679.96	3852955.85	5.50527	5.64469	6.72981	7.18148		1.26E-01	0.00601	0.0001	0.02296	0.15471		1.66E-01	0.007953	8.24E-05	0.014254	1.88E-01		0.192491	0.008039	6.09E-05	0.015725	0.216316
1124	482781.63	3853034.48	5.76607	6.05195	7.01073	7.53611		1.32E-01	0.00645	0.00011	0.02409	0.16223		1.74E-01	0.008527	8.58E-05	0.014958	1.98E-01		0.20161	0.008619	6.34E-05	0.016502	0.226794
1125	482831.63	3853034.48	5.64475	6.12222	6.9478	7.67482		1.29E-01	0.00652	0.0001	0.02454	0.15998		1.70E-01	0.008626	8.5E-05	0.015234	1.94E-01		0.197368	0.008719	6.29E-05	0.016805	0.222955
1126	482881.63	3853034.48	5.45756	6.04824	6.75066	7.63712		1.25E-01	0.00644	0.0001	0.02442	0.15551		1.65E-01	0.008522	8.26E-05	0.015159	1.88E-01		0.190823	0.008614	6.11E-05	0.016723	0.216221
1127	482781.63	3853084.48	5.90144	6.10161	7.10761	7.37005		1.35E-01	0.0065	0.00011	0.02356	0.16485		1.78E-01	0.008597	8.7E-05	0.014629	2.01E-01		0.206344	0.00869	6.43E-05	0.016138	0.231235
1128	482831.63	3853084.48	5.83151	6.25862	7.17339	7.68068		1.33E-01	0.00667	0.00011	0.02456	0.16441		1.76E-01	0.008818	8.78E-05	0.015245	2.00E-01		0.203898	0.008913	6.49E-05	0.016818	0.229695
1129	482881.63	3853084.48	5.68545	6.27869	7.08549	7.81619		1.30E-01	0.00669	0.00011	0.02499	0.16153		1.72E-01	0.008846	8.67E-05	0.015514	1.96E-01		0.198791	0.008942	6.41E-05	0.017115	0.224912
1130	482781.63	3853134.48	5.98103	6.68058	7.07383	7.0455		1.36E-01	0.00712	0.00011	0.02252	0.16624		1.81E-01	0.009413	8.66E-05	0.013985	2.04E-01		0.209126	0.009514	6.4E-05	0.015427	0.234132
1131	482831.63	3853134.48	5.96319	6.31933	7.27598	7.5283		1.36E-01	0.00673	0.00011	0.02407	0.16699		1.80E-01	0.008904	8.91E-05	0.014943	2.04E-01		0.208503	0.009	6.58E-05	0.016484	0.234053
1132	482881.63	3853134.48	5.85297	6.41593	7.30993	7.8523		1.34E-01	0.00684	0.00011	0.0251	0.16562		1.77E-01	0.00904	8.95E-05	0.015586	2.01E-01		0.204649	0.009137	6.61E-05	0.017194	0.231046
1133	482831.63	3853184.48	6.04853	6.74826	7.25227	7.20169		1.38E-01	0.00719	0.00011	0.02302	0.16835		1.83E-01	0.009508	8.88E-05	0.014295	2.06E-01		0.211487	0.009611	6.56E-05	0.015769	0.236932
1134	482881.63	3853184.48	5.98052	6.50526	7.42698	7.70251		1.36E-01	0.00693	0.00011	0.02463	0.16815		1.80E-01	0.009165	9.09E-05	0.015289	2.05E-01		0.209109	0.009264	6.72E-05	0.016866	0.235306
1135	484154.84	3854250.98	8.68615	11.163	8.99781	4.36808		1.98E-01	0.01189	0.00014	0.01396	0.22422		2.62E-01	0.015728	0.00011	0.00867	2.87E-01		0.303711	0.015898	8.14E-05	0.009565	0.329255
1136	484204.84	3854250.98	7.71604	11.58373	7.97117	3.91398		1.76E-01	0.01234	0.00012	0.01251	0.20106		2.33E-01	0.016321	9.76E-05	0.007769	2.57E-01		0.269791	0.016497	7.21E-05	0.00857	0.29493
1137	484154.84	3854300.98	9.45515	10.39141	10.19105	4.25417		2.16E-01	0.01107	0.00015	0.0136	0.2406		2.85E-01	0.014641	0.000125	0.008444	3.09E-01		0.330599	0.014799	9.22E-05	0.009315	0.354805
1138	484204.84	3854300.98	8.60082	10.77705	8.89091	3.98529		1.96E-01	0.01148	0.00013	0.01274	0.22063		2.60E-01	0.015184	0.000109	0.00791	2.83E-01		0.300727	0.015348	8.04E-05	0.008726	0.324882
1139	484074.19	3854519.8	12.33357	11.36206	15.48067	2.84498		2.81E-01	0.0121	0.00023	0.0091	0.3029		3.72E-01	0.016008	0.000189	0.005647	3.94E-01		0.431243	0.016181	0.00014	0.00623	0.453793
1140	484124.19	3854519.8	12.03616	10.02144	14.6861	2.73327		2.75E-01	0.01068	0.00022	0.00874	0.29431		3.63E-01	0.01412	0.00018	0.005425	3.83E-01		0.420844	0.014272	0.000133	0.005985	0.441233
1141	484074.19	3854569.8	12.80829	12.76455	15.32529	3.2108		2.92E-01	0.0136	0.00023	0.01027	0.31639		3.87E-01	0.017984	0.000188	0.006373	4.11E-01		0.447841	0.018179	0.000139	0.007031	0.473189
1142	484124.19	3854569.8	12.06596	10.31375	14.73921	2.78012		2.75E-01	0.01099	0.00022	0.00889	0.29545		3.64E-01	0.014531	0.00018	0.005518	3.84E-01		0.421886	0.014688	0.000133	0.006088	0.442795
1143	485205.11	3855188.89	16.60411	32.84158	23.20109	4.87381		3.79E-01	0.03499	0.00035	0.01558	0.42984		5.01E-01	0.046272	0.000284	0.009674	5.57E-01		0.580562	0.046771	0.00021	0.010672	0.638215
1144	485255.11	3855188.89	15.12365	30.37565	20.99316	4.06617		3.45E-01	0.03236	0.00032	0.013	0.39081		4.56E-01	0.042797	0.000257	0.008071	5.08E-01		0.528798	0.043259	0.00019	0.008904	0.58115
1145	485205.11	3855238.89	17.24694	28.04806	23.44907	5.52239		3.94E-01	0.02988	0.00035	0.01766	0.44148		5.21E-01	0.039518	0.000287	0.010961	5.71E-01		0.603038	0.039945	0.000212	0.012092	0.655287
1146	485255.11	3855238.89	16.21707	27.90993	21.95565	4.87268		3.70E-01	0.02973	0.00033	0.01558	0.41573		4.89E-01	0.039323	0.000269	0.009672	5.39E-01		0.567029	0.039748	0.000199	0.01067	0.617645
1147	485205.11	3855288.89	21.02357	25.38843	27.95961	6.77592		4.80E-01	0.02705	0.00042	0.02166	0.52891		6.35E-01	0.035771	0.000342	0.013449	6.84E-01		0.735088	0.036157	0.000253	0.014837	0.786335
1148	485255.11	3855288.89	18.16187	24.44357	25.26215	6.16469		4.14E-01	0.02604	0.00038	0.01971	0.4606		5.48E-01	0.034439	0.000309	0.012236	5.95E-01		0.635029	0.034811	0.000229	0.013499	0.683567
1149	485255.11	3855338.89	21.6536	23.45411	29.19818	7.78428		4.94E-01	0.02499	0.00044	0.02489	0.54447		6.54E-01	0.033045	0.000357	0.015451	7.02E-01		0.757117	0.033402	0.000264	0.017045	0.807828
1150	485305.11	3855338.89	18.61669	22.33574	26.22383	6.66479		4.25E-01	0.0238	0.0004	0.02131	0.47035		5.62E-01	0.03147	0.000321	0.013229	6.07E-01		0.650932	0.031809	0.000237	0.014594	0.697572
1151	485852.5	3855635.28	14.11958	14.4899	20.27308	5.04714		3.22E-01	0.01544	0.00031	0.01614	0.3541		4.26E-01	0.020415	0.000248	0.010018	4.57E-01		0.49369	0.020636	0.000183	0.011052	0.525561
1152	485902.5	3855635.28	13.10345	13.2657	18.69049	4.69258		2.99E-01	0.01413	0.00028	0.015	0.32845		3.95E-01	0.018691	0.000229	0.009314	4.24E-01		0.458161	0.018892	0.000169	0.010275	0.487498
1153	485852.5	3855685.28	14.90111	14.44484	21.51477	5.40978		3.40E-01	0.01539	0.00032	0.0173	0.37306		4.50E-01	0.020352	0.000263	0.010738	4.81E-01		0.521016	0.020572	0.000195	0.011846	0.553628
1154	485902.5	3855685.28	13.7772	14.55959	19.70645	5.02283		3.14E-01	0.01551	0.0003	0.01606	0.34627		4.16E-01	0.020514	0.000241	0.00997	4.47E-01		0.481719	0.020735	0.000178	0.010998	0.513631
1155	485852.5	3855735.28	15.87894	14.16856	22.95009	5.77943		3.62E-01	0.01509	0.00035	0.01848	0.39629		4.79E-01	0.019963	0.000281	0.011472	5.11E-01		0.555206	0.020178	0.000208	0.012655	0.588247

1156	485902.5	3855735.28	14.74372	13.80232	21.26179	5.45963	3.36E-01	0.0147	0.00032	0.01745	0.36894	4.45E-01	0.019447	0.00026	0.010837	4.76E-01	0.515513	0.019657	0.000192	0.011955	0.547317
1157	485852.5	3855785.28	17.48541	13.82359	25.29712	6.99166	3.99E-01	0.01473	0.00038	0.02235	0.43649	5.28E-01	0.019477	0.00031	0.013878	5.61E-01	0.611376	0.019687	0.000229	0.015309	0.646601
1158	485902.5	3855785.28	15.69706	13.53322	22.51175	5.74826	3.58E-01	0.01442	0.00034	0.01838	0.39135	4.74E-01	0.019067	0.000276	0.01141	5.05E-01	0.548847	0.019273	0.000204	0.012587	0.580911
1159	486809.46	3856465.28	15.53867	12.92223	22.49333	5.60799	3.55E-01	0.01377	0.00034	0.01793	0.38664	4.69E-01	0.018207	0.000275	0.011131	4.99E-01	0.543309	0.018403	0.000203	0.01228	0.574195
1160	486859.46	3856465.28	14.8771	14.04849	21.45199	5.40877	3.40E-01	0.01497	0.00032	0.01729	0.37209	4.49E-01	0.019793	0.000263	0.010736	4.80E-01	0.520177	0.020007	0.000194	0.011843	0.552222
1161	486909.46	3856465.28	14.26347	15.41508	20.4912	5.20312	3.26E-01	0.01642	0.00031	0.01663	0.35887	4.30E-01	0.021719	0.000251	0.010328	4.63E-01	0.498721	0.021953	0.000185	0.011393	0.532253
1162	486809.46	3856515.28	16.68296	14.34272	24.17859	6.23523	3.81E-01	0.01528	0.00036	0.01993	0.4163	5.04E-01	0.020208	0.000296	0.012376	5.36E-01	0.583319	0.020426	0.000219	0.013653	0.617617
1163	486859.46	3856515.28	15.87247	14.60189	22.87097	6.05705	3.62E-01	0.01556	0.00034	0.01936	0.39749	4.79E-01	0.020573	0.00028	0.012023	5.12E-01	0.55498	0.020795	0.000207	0.013263	0.589245
1164	486909.46	3856515.28	15.16672	15.74764	21.73745	5.80152	3.46E-01	0.01678	0.00033	0.01855	0.38177	4.58E-01	0.022187	0.000266	0.011515	4.92E-01	0.530304	0.022427	0.000197	0.012703	0.56563
1165	486980.94	3856357.95	11.97547	17.28615	17.21217	4.69746	2.73E-01	0.01842	0.00026	0.01502	0.30698	3.61E-01	0.024355	0.000211	0.009324	3.95E-01	0.418722	0.024618	0.000156	0.010286	0.453781
1166	487030.94	3856357.95	11.64673	16.60055	16.71262	4.65487	2.66E-01	0.01769	0.00025	0.01488	0.29861	3.52E-01	0.023389	0.000205	0.009239	3.84E-01	0.407227	0.023642	0.000151	0.010193	0.441213
1167	486980.94	3856407.95	12.67691	18.16145	18.20327	4.90995	2.89E-01	0.01935	0.00027	0.0157	0.32462	3.83E-01	0.025588	0.000223	0.009746	4.18E-01	0.443247	0.025865	0.000165	0.010751	0.480028
1168	487030.94	3856407.95	12.26955	17.68814	17.57318	4.86185	2.80E-01	0.01884	0.00026	0.01554	0.31465	3.70E-01	0.024921	0.000215	0.00965	4.05E-01	0.429004	0.02519	0.000159	0.010646	0.464999
1169	487447.18	3856437.45	9.99757	11.03612	14.01888	4.69098	2.28E-01	0.01176	0.00021	0.015	0.25512	3.02E-01	0.015549	0.000172	0.009311	3.27E-01	0.349564	0.015717	0.000127	0.010272	0.37568
1170	487497.18	3856437.45	9.76383	10.0713	13.66816	4.65478	2.23E-01	0.01073	0.00021	0.01488	0.24864	2.95E-01	0.01419	0.000167	0.009239	3.18E-01	0.341392	0.014343	0.000124	0.010192	0.366051
1171	487547.18	3856437.45	9.55417	9.91649	13.3433	4.65381	2.18E-01	0.01056	0.0002	0.01488	0.24368	2.88E-01	0.013972	0.000163	0.009237	3.12E-01	0.334061	0.014123	0.000121	0.01019	0.358495
1172	487447.18	3856487.45	10.32686	11.30204	14.41205	4.93775	2.36E-01	0.01204	0.00022	0.01579	0.26371	3.12E-01	0.015924	0.000176	0.009801	3.38E-01	0.361078	0.016096	0.00013	0.010812	0.388116
1173	487497.18	3856487.45	10.06962	10.30696	14.03331	4.91157	2.30E-01	0.01098	0.00021	0.0157	0.25669	3.04E-01	0.014522	0.000172	0.009749	3.28E-01	0.352084	0.014679	0.000127	0.010755	0.377644
1174	487547.18	3856487.45	9.82489	10.43567	13.67637	4.85624	2.24E-01	0.01112	0.00021	0.01553	0.25106	2.97E-01	0.014703	0.000167	0.009639	3.21E-01	0.343527	0.014862	0.000124	0.010634	0.369146
1175	487447.18	3856537.45	10.63546	11.69626	14.85922	5.16966	2.43E-01	0.01246	0.00022	0.01653	0.27192	3.21E-01	0.016479	0.000182	0.010261	3.48E-01	0.371868	0.016657	0.000134	0.01132	0.39998
1176	487497.18	3856537.45	10.35503	11.06503	14.44678	5.14623	2.36E-01	0.01179	0.00022	0.01645	0.26477	3.13E-01	0.01559	0.000177	0.010215	3.39E-01	0.362063	0.015758	0.000131	0.011269	0.38922
1177	487547.18	3856537.45	10.07868	10.86873	14.05507	5.13064	2.30E-01	0.01158	0.00021	0.0164	0.2582	3.04E-01	0.015313	0.000172	0.010184	3.30E-01	0.3524	0.015479	0.000127	0.011234	0.379241
1178	489285.89	3858826.54	4.72065	6.52779	4.51274	8.20281	1.08E-01	0.00695	6.8E-05	0.02622	0.14098	1.42E-01	0.009197	5.52E-05	0.016282	1.68E-01	0.165057	0.009297	4.08E-05	0.017961	0.192356
1179	489335.89	3858826.54	4.47776	6.17442	4.46458	7.59008	1.02E-01	0.00658	6.7E-05	0.02427	0.1331	1.35E-01	0.008699	5.46E-05	0.015066	1.59E-01	0.156565	0.008793	4.04E-05	0.01662	0.182018
1180	489385.89	3858826.54	4.25664	5.78026	4.36948	6.95357	9.71E-02	0.00616	6.6E-05	0.02223	0.12559	1.28E-01	0.008144	5.35E-05	0.013802	1.50E-01	0.148833	0.008232	3.95E-05	0.015226	0.172331
1181	489435.89	3858826.54	4.06487	5.3498	4.22511	6.47965	9.28E-02	0.0057	6.4E-05	0.02072	0.11924	1.23E-01	0.007538	5.17E-05	0.012861	1.43E-01	0.142128	0.007619	3.82E-05	0.014188	0.163973
1182	489485.89	3858826.54	3.85576	5.15997	4.03994	6.91093	8.80E-02	0.0055	6.1E-05	0.02209	0.11564	1.16E-01	0.00727	4.94E-05	0.013717	1.37E-01	0.134816	0.007349	3.65E-05	0.015133	0.157334
1183	489535.89	3858826.54	3.64651	5.57373	3.82343	7.26764	8.32E-02	0.00594	5.8E-05	0.02323	0.11245	1.10E-01	0.007853	4.68E-05	0.014426	1.32E-01	0.1275	0.007938	3.46E-05	0.015914	0.151386
1184	489585.89	3858826.54	3.46528	5.93977	3.71412	7.54118	7.91E-02	0.00633	5.6E-05	0.02411	0.10957	1.05E-01	0.008369	4.55E-05	0.014968	1.28E-01	0.121163	0.008459	3.36E-05	0.016513	0.146169
1185	489635.89	3858826.54	3.47438	6.2562	3.66903	7.7367	7.93E-02	0.00667	5.5E-05	0.02473	0.11074	1.05E-01	0.008815	4.49E-05	0.015357	1.29E-01	0.121481	0.00891	3.32E-05	0.016941	0.147365
1186	489685.89	3858826.54	3.48903	6.5149	3.59045	7.85812	7.96E-02	0.00694	5.4E-05	0.02512	0.11174	1.05E-01	0.009179	4.39E-05	0.015598	1.30E-01	0.121994	0.009278	3.25E-05	0.017207	0.148511
1187	489735.89	3858826.54	3.50362	6.7118	3.48339	7.91443	8.00E-02	0.00715	5.2E-05	0.0253	0.11246	1.06E-01	0.009457	4.26E-05	0.015709	1.31E-01	0.122504	0.009559	3.15E-05	0.01733	0.149424
1188	489785.89	3858826.54	3.51632	6.83805	3.35113	7.91098	8.02E-02	0.00728	5.1E-05	0.02529	0.11287	1.06E-01	0.009634	4.1E-05	0.015702	1.32E-01	0.122948	0.009738	3.03E-05	0.017322	0.150039
1189	489835.89	3858826.54	3.52978	6.91223	3.41532	7.86366	8.06E-02	0.00736	5.1E-05	0.02514	0.11311	1.07E-01	0.009739	4.18E-05	0.015609	1.32E-01	0.123419	0.009844	3.09E-05	0.017219	0.150512
1190	489885.89	3858826.54	3.53858	6.91564	3.43912	7.776	8.08E-02	0.00737	5.2E-05	0.02486	0.11303	1.07E-01	0.009744	4.21E-05	0.015435	1.32E-01	0.123726	0.009849	3.11E-05	0.017027	0.150633
1191	489935.89	3858826.54	3.54508	6.86857	3.43051	7.65958	8.09E-02	0.00732	5.2E-05	0.02449	0.11276	1.07E-01	0.009677	4.2E-05	0.015203	1.32E-01	0.123954	0.009782	3.1E-05	0.016772	0.150538
1192	489985.89	3858826.54	3.54885	6.77626	3.5132	7.52135	8.10E-02	0.00722	5.3E-05	0.02405	0.11231	1.07E-01	0.009547	4.3E-05	0.014929	1.32E-01	0.124085	0.00965	3.18E-05	0.016469	0.150237
1193	490035.89	3858826.54	3.55158	6.65385	3.63788	7.36819	8.10E-02	0.00709	5.5E-05	0.02356	0.11175	1.07E-01	0.009375	4.45E-05	0.014625	1.31E-01	0.124181	0.009476	3.29E-05	0.016134	0.149824
1194	489285.89	3858876.54	4.78236	6.66756	4.35955	8.59898	1.09E-01	0.0071	6.6E-05	0.02749	0.1438	1.44E-01	0.009394	5.34E-05	0.017068	1.71E-01	0.167215	0.009496	3.94E-05	0.018829	0.195579
1195	489335.89	3858876.54	4.55553	6.42525	4.38244	8.11006	1.04E-01	0.00685	6.6E-05	0.02593	0.1368	1.37E-01	0.009053	5.36E-05	0.016098	1.63E-01	0.159284	0.00915	3.96E-05	0.017758	0.186232
1196	489385.89	3858876.54	4.33962	6.1142	4.35404	7.55561	9.90E-02	0.00651	6.6E-05	0.02416	0.12977	1.31E-01	0.008615	5.33E-05	0.014997	1.55E-01	0.151735	0.008708	3.94E-05	0.016544	0.177026
1197	489435.89	3858876.54	4.13816	5.75372	4.2776	6.9652	9.44E-02	0.00613	6.4E-05	0.02227	0.1229	1.25E-01	0.008107	5.24E-05	0.013825	1.47E-01	0.144691	0.008194	3.87E-05	0.015251	0.168175
1198	489485.89	3858876.54	3.95354	5.35788	4.1563	6.36524	9.02E-02	0.00571	6.3E-05	0.02035	0.11634	1.19E-01	0.007549	5.09E-05	0.012634	1.40E-01	0.138235	0.00763	3.76E-05	0.013938	0.159841
1199	489535.89	3858876.54	3.78391	4.9419	3.99583	6.29853	8.64E-02	0.00526	6E-05	0.02014	0.11181	1.14E-01	0.006963	4.89E-05	0.012502	1.34E-01	0.132304	0.007038	3.61E-05	0.013792	0.15317
1200	489585.89	3858876.54	3.60674	5.11332	3.80456	6.70604	8.23E-02	0.00545	5.7E-05	0.02144	0.10925	1.09E-01	0.007204	4.66E-05	0.013311	1.29E-01	0.126109	0.007282	3.44E-05	0.014684	0.14811
1201	489635.89	3858876.54	3.41453	5.48891	3.61359	7.03797	7.79E-02	0.00585	5.4E-05	0.0225	0.10632	1.03E-01	0.007734	4.42E-05	0.01397	1.25E-01	0.119389	0.007817	3.27E-05	0.015411	0.142649
1202	489685.89	3858876.54	3.37701	5.82385	3.58867	7.29515	7.71E-02	0.0062	5.4E-05	0.02332	0.10665	1.02E-01	0.008205	4.39E-05	0.01448	1.25E-01	0.118077	0.008294	3.25E-05	0.015974	0.142377
1203	489735.89	3858876.54	3.39022	6.11204	3.53109	7.48136	7.74E-02	0.00651	5.3E-05	0.02392	0.10785	1.02E-01	0.008611	4.32E-05	0.01485	1.26E-01	0.118539	0.008704	3.19E-05	0.016382	0.143657
1204	489785.89	3858876.54	3.40167	6.33515	3.44085	7.59701	7.76E-02	0.00675	5.2E-05	0.02429	0.10872	1.03E-01	0.008926	4.21E-05	0.015079	1.27E-01	0.118939	0.009022	3.11E-05	0.016635	0.144627
1205	489835.89	3858876.54	3.41488	6.50812	3.32899	7.65437	7.79E-02	0.00693	5E-05	0.02447	0.10939	1.03E-01	0.00917	4.07E-05	0.015193	1.27E-01	0.119401	0.009269	3.01E-05	0.016761	0.14546
1206	489885.89	3858876.54	3.4243	6.60744	3.28479	7.65505	7.81E-02	0.00704	5E-05	0.02447	0.10971	1.03E-01	0.009309	4.02E-05	0.015194	1.28E-01	0.11973	0.00941	2.97E-05	0.016762	0.145932
1207	489935.89	3858876.54	3.43617	6.66934	3.33524	7.61696	7.84E-02	0.00711	5E-05	0.02435	0.10992	1.04E-01	0.009397	4.08E-05	0.015119	1.28E-01	0.120145	0.009498	3.02E-05	0.016679	0.146352
1208	489985.89	3858876.54	3.44684	6.6811	3.35369	7.54414	7.87E-02	0.00712	5.1E-05	0.02412	0.10995	1.04E-01	0.009413	4.1E-05	0.014974	1.28E-01	0.120519	0.009515	3.03E-05	0.016519	0.146583
1209	490035.89	3858876.54	3.45484	6.64126	3.34062	7.44089	7.88E-02	0.00708	5E-05	0.02379	0.10976	1.04E-01	0.009357	4.09E-05	0.014769	1.28E-01	0.120798	0.009458	3.02E-05	0.016293	0.14658
1210	489285.89	3858926.54	5.06965	6.6318	4.13053	8.73582	1.16E-01	0.00707	6.2E-05	0.02793	0.15075	1.53E-01	0.009344	5.06E-05	0.01734	1.80E-01	0.17726	0.009445	3.74E-05	0.019129	0.205871
1211	489335.89	3858926.54	4.73019	6.50893	4.21335	8.42065	1.08E-01	0.00693	6.3E-05	0.02692	0.14187	1.43E-01	0.009171	5.16E-05	0.016714	1.69E-01	0.165391	0.00927	3.81E-05	0.018438	0.193137
1212	489385.89	3858926.54	4.50624	6.31077	4.25214	7.99833	1.03E-01	0.00672	6.4E-05	0.02557	0.13519	1.36E-01	0.008891	5.2E-05	0.015876	1.61E-01	0.15756	0.008987	3.85E-05	0.017514	0.1841
1213	489435.89	3858926.54	4.30403	6.03938	4.24077	7.50255	9.82E-02	0.00643	6.4E-05	0.02399	0.12871	1.30E-01	0.008509	5.19E-05	0.014892	1.53E-01	0.15049	0.008601	3.84E-05	0.016428	0.175558
1214	489485.89	3858926.54	4.10408	5.71692	4.18438	6.96032	9.37E-02	0.00609	6.3E-05	0.02225	0.12206	1.24E-01	0.008055	5.12E-05	0.013816	1.46E-01	0.143499	0.008142	3.79E-05	0.015241	0.166919
1215	489535.89	3858926.54	3.91657	5.35561	4.0848	6.39808	8.94E-02	0.00571	6.2E-05	0.02045	0.1156	1.18E-01	0.007546	5E-05	0.0127	1.39E-01	0.136943	0.007627	3.7E-05	0.01401	0.158616
1216	489585.89	3858926.54	3.75839	4.96916	3.94676	5.83552	8.58E-02	0.00529	5.9E-05	0.01866	0.10978	1.13E-01	0.007001	4.83E-05	0.011583	1.32E-01	0.131412	0.007077	3.57E-05	0.012778	0.151302

1217	489635.89	3858926.54	3.60569	4.6706	3.77466	6.14231	8.23E-02	0.00498	5.7E-05	0.01964	0.10695	1.09E-01	0.006581	4.62E-05	0.012192	1.28E-01	0.126073	0.006652	3.41E-05	0.01345	0.146208
1218	489685.89	3858926.54	3.41441	5.05782	3.57759	6.51745	7.79E-02	0.00539	5.4E-05	0.02084	0.1042	1.03E-01	0.007126	4.38E-05	0.012936	1.23E-01	0.119385	0.007203	3.24E-05	0.014271	0.140891
1219	489735.89	3858926.54	3.29502	5.39896	3.5008	6.8274	7.52E-02	0.00575	5.3E-05	0.02183	0.10283	9.94E-02	0.007607	4.28E-05	0.013552	1.21E-01	0.11521	0.007689	3.17E-05	0.01495	0.13788
1220	489785.89	3858926.54	3.30129	5.69484	3.45782	7.06581	7.53E-02	0.00607	5.2E-05	0.02259	0.10405	9.96E-02	0.008024	4.23E-05	0.014025	1.22E-01	0.115429	0.00811	3.13E-05	0.015472	0.139043
1221	489835.89	3858926.54	3.31322	5.95383	3.38955	7.24213	7.56E-02	0.00634	5.1E-05	0.02315	0.10516	1.00E-01	0.008389	4.15E-05	0.014375	1.23E-01	0.115847	0.008479	3.07E-05	0.015858	0.140214
1222	489885.89	3858926.54	3.32259	6.1513	3.29276	7.35304	7.58E-02	0.00655	5E-05	0.02351	0.10593	1.00E-01	0.008667	4.03E-05	0.014595	1.24E-01	0.116174	0.00876	2.98E-05	0.016101	0.141065
1223	489935.89	3858926.54	3.33333	6.30209	3.1777	7.41082	7.61E-02	0.00671	4.8E-05	0.02369	0.10652	1.01E-01	0.008879	3.89E-05	0.01471	1.24E-01	0.11655	0.008975	2.87E-05	0.016227	0.141781
1224	489985.89	3858926.54	3.34542	6.4098	3.2244	7.4245	7.63E-02	0.00683	4.9E-05	0.02374	0.10696	1.01E-01	0.009031	3.95E-05	0.014737	1.25E-01	0.116972	0.009128	2.92E-05	0.016257	0.142387
1225	490035.89	3858926.54	3.36011	6.47985	3.2696	7.39699	7.67E-02	0.0069	4.9E-05	0.02365	0.10728	1.01E-01	0.00913	4E-05	0.014682	1.25E-01	0.117486	0.009228	2.96E-05	0.016197	0.142941
1226	489335.89	3858976.54	5.04161	6.43625	3.98115	8.47631	1.15E-01	0.00686	6E-05	0.0271	0.14907	1.52E-01	0.009068	4.87E-05	0.016825	1.78E-01	0.17628	0.009166	3.6E-05	0.01856	0.204042
1227	489385.89	3858976.54	4.71281	6.35265	4.0745	8.22711	1.08E-01	0.00677	6.1E-05	0.0263	0.14068	1.42E-01	0.00895	4.99E-05	0.01633	1.68E-01	0.164783	0.009047	3.69E-05	0.018015	0.191882
1228	489435.89	3858976.54	4.44421	6.18007	4.11921	7.87132	1.01E-01	0.00658	6.2E-05	0.02516	0.13323	1.34E-01	0.008707	5.04E-05	0.015624	1.59E-01	0.155392	0.008801	3.73E-05	0.017236	0.181466
1229	489485.89	3858976.54	4.25816	5.95104	4.12539	7.43256	9.72E-02	0.00634	6.2E-05	0.02376	0.12734	1.29E-01	0.008385	5.05E-05	0.014753	1.52E-01	0.148886	0.008475	3.73E-05	0.016275	0.173674
1230	489535.89	3858976.54	4.07008	5.66906	4.08927	6.93873	9.29E-02	0.00604	6.2E-05	0.02218	0.12117	1.23E-01	0.007987	5E-05	0.013773	1.45E-01	0.14231	0.008074	3.7E-05	0.015194	0.165614
1231	489585.89	3858976.54	3.88583	5.33674	4.00708	6.41593	8.87E-02	0.00569	6E-05	0.02051	0.11494	1.17E-01	0.007519	4.9E-05	0.012735	1.38E-01	0.135868	0.0076	3.63E-05	0.014049	0.157553
1232	489635.89	3858976.54	3.72651	4.98031	3.88965	5.88321	8.50E-02	0.00531	5.9E-05	0.01881	0.10922	1.12E-01	0.007017	4.76E-05	0.011678	1.31E-01	0.130297	0.007093	3.52E-05	0.012882	0.150307
1233	489685.89	3858976.54	3.60491	4.60889	3.7398	5.58498	8.23E-02	0.00491	5.6E-05	0.01786	0.10509	1.09E-01	0.006494	4.58E-05	0.011086	1.26E-01	0.126045	0.006564	3.38E-05	0.012229	0.144872
1234	489735.89	3858976.54	3.43351	4.63719	3.55907	5.99377	7.84E-02	0.00494	5.4E-05	0.01916	0.10251	1.04E-01	0.006534	4.36E-05	0.011897	1.22E-01	0.120052	0.006604	3.22E-05	0.013124	0.139813
1235	489785.89	3858976.54	3.26213	4.97955	3.40425	6.34291	7.44E-02	0.0053	5.1E-05	0.02028	0.10008	9.85E-02	0.007016	4.17E-05	0.01259	1.18E-01	0.11406	0.007092	3.08E-05	0.013889	0.135071
1236	489835.89	3858976.54	3.22541	5.28974	3.37922	6.6275	7.36E-02	0.00564	5.1E-05	0.02119	0.10048	9.73E-02	0.007453	4.14E-05	0.013155	1.18E-01	0.112776	0.007533	3.06E-05	0.014512	0.134852
1237	489885.89	3858976.54	3.23444	5.57655	3.33155	6.85701	7.38E-02	0.00594	5E-05	0.02192	0.10173	9.76E-02	0.007857	4.08E-05	0.01361	1.19E-01	0.113092	0.007942	3.01E-05	0.015015	0.136079
1238	489935.89	3858976.54	3.24377	5.81182	3.2556	7.02522	7.40E-02	0.00619	4.9E-05	0.02246	0.10273	9.79E-02	0.008188	3.98E-05	0.013944	1.20E-01	0.113418	0.008277	2.95E-05	0.015383	0.137107
1239	489985.89	3858976.54	3.25306	5.99616	3.15709	7.13567	7.42E-02	0.00639	4.8E-05	0.02281	0.10349	9.82E-02	0.008448	3.86E-05	0.014164	1.21E-01	0.113743	0.008539	2.86E-05	0.015625	0.137936
1240	490035.89	3858976.54	3.28233	6.19826	3.12823	7.20405	7.49E-02	0.0066	4.7E-05	0.02303	0.10459	9.91E-02	0.008733	3.83E-05	0.014299	1.22E-01	0.114766	0.008827	2.83E-05	0.015774	0.139396
1241	489385.89	3859026.54	4.93653	6.24533	3.83891	8.21202	1.13E-01	0.00665	5.8E-05	0.02625	0.14562	1.49E-01	0.008799	4.7E-05	0.0163	1.74E-01	0.172605	0.008894	3.47E-05	0.017982	0.199516
1242	489435.89	3859026.54	4.64065	6.18706	3.93615	8.02425	1.06E-01	0.00659	5.9E-05	0.02565	0.13821	1.40E-01	0.008717	4.82E-05	0.015927	1.65E-01	0.16226	0.008811	3.56E-05	0.01757	0.188677
1243	489485.89	3859026.54	4.37659	6.05664	3.99547	7.72748	9.99E-02	0.00645	6E-05	0.0247	0.13109	1.32E-01	0.008533	4.89E-05	0.015338	1.56E-01	0.153027	0.008626	3.61E-05	0.016921	0.17861
1244	489535.89	3859026.54	4.15198	5.85817	4.0126	7.34455	9.48E-02	0.00624	6E-05	0.02348	0.12453	1.25E-01	0.008254	4.91E-05	0.014578	1.48E-01	0.145174	0.008343	3.63E-05	0.016082	0.169635
1245	489585.89	3859026.54	3.99382	5.60974	3.99199	6.89997	9.11E-02	0.00598	6E-05	0.02206	0.11924	1.21E-01	0.007904	4.89E-05	0.013696	1.42E-01	0.139644	0.007989	3.61E-05	0.015109	0.162778
1246	489635.89	3859026.54	3.82837	5.31136	3.92849	6.4184	8.74E-02	0.00566	5.9E-05	0.02052	0.1136	1.16E-01	0.007483	4.81E-05	0.01274	1.36E-01	0.133859	0.007564	3.55E-05	0.014054	0.155513
1247	489685.89	3859026.54	3.67888	4.98164	3.82872	5.91708	8.40E-02	0.00531	5.8E-05	0.01892	0.10824	1.11E-01	0.007019	4.69E-05	0.011745	1.30E-01	0.128632	0.007095	3.46E-05	0.012956	0.148717
1248	489735.89	3859026.54	3.53033	4.62751	3.69338	5.41643	8.06E-02	0.00493	5.6E-05	0.01732	0.10287	1.07E-01	0.00652	4.52E-05	0.010751	1.24E-01	0.123438	0.00659	3.34E-05	0.01186	0.141922
1249	489785.89	3859026.54	3.37839	4.26428	3.53035	5.48681	7.71E-02	0.00454	5.3E-05	0.01754	0.09924	1.02E-01	0.006008	4.32E-05	0.010891	1.19E-01	0.118125	0.006073	3.19E-05	0.012014	0.136244
1250	489835.89	3859026.54	3.25469	4.59359	3.35036	5.85398	7.43E-02	0.00489	5E-05	0.01872	0.09793	9.82E-02	0.006472	4.1E-05	0.01162	1.16E-01	0.1138	0.006542	3.03E-05	0.012818	0.133191
1251	489885.89	3859026.54	3.15906	4.91915	3.3044	6.18069	7.21E-02	0.00524	5E-05	0.01976	0.09714	9.53E-02	0.006931	4.04E-05	0.012268	1.15E-01	0.110456	0.007006	2.99E-05	0.013534	0.131025
1252	489935.89	3859026.54	3.16527	5.21598	3.27131	6.45195	7.22E-02	0.00556	4.9E-05	0.02063	0.09847	9.55E-02	0.007349	4E-05	0.012806	1.16E-01	0.110673	0.007428	2.96E-05	0.014128	0.132259
1253	489985.89	3859026.54	3.17272	5.47414	3.21237	6.66906	7.24E-02	0.00583	4.8E-05	0.02132	0.09961	9.58E-02	0.007713	3.93E-05	0.013237	1.17E-01	0.110934	0.007796	2.91E-05	0.014603	0.133362
1254	490035.89	3859026.54	3.20049	5.76019	3.15376	6.83038	7.30E-02	0.00614	4.8E-05	0.02184	0.10106	9.66E-02	0.008116	3.86E-05	0.013558	1.18E-01	0.111905	0.008203	2.85E-05	0.014956	0.135093
1255	489485.89	3859076.54	4.51287	6.02532	3.80479	7.81126	1.03E-01	0.00642	5.7E-05	0.02497	0.13444	1.36E-01	0.008489	4.66E-05	0.015505	1.60E-01	0.157792	0.008581	3.44E-05	0.017104	0.183512
1256	489535.89	3859076.54	4.28312	5.92614	3.87272	7.56964	9.77E-02	0.00631	5.8E-05	0.0242	0.12832	1.29E-01	0.00835	4.74E-05	0.015025	1.53E-01	0.149759	0.00844	3.5E-05	0.016575	0.174809
1257	489585.89	3859076.54	4.06784	5.76312	3.90312	7.24039	9.28E-02	0.00614	5.9E-05	0.02315	0.12218	1.23E-01	0.00812	4.78E-05	0.014371	1.45E-01	0.142232	0.008208	3.53E-05	0.015854	0.166329
1258	489635.89	3859076.54	3.86391	5.5353	3.89054	6.84561	8.82E-02	0.0059	5.9E-05	0.02189	0.11602	1.17E-01	0.007799	4.76E-05	0.013588	1.38E-01	0.135101	0.007883	3.52E-05	0.01499	0.158009
1259	489685.89	3859076.54	3.73837	5.26526	3.84167	6.40553	8.53E-02	0.00561	5.8E-05	0.02048	0.11146	1.13E-01	0.007418	4.7E-05	0.012714	1.33E-01	0.130712	0.007499	3.48E-05	0.014026	0.152271
1260	489735.89	3859076.54	3.6044	4.96238	3.75801	5.93914	8.23E-02	0.00529	5.7E-05	0.01899	0.10659	1.09E-01	0.006992	4.6E-05	0.011789	1.28E-01	0.126028	0.007067	3.4E-05	0.013005	0.146134
1261	489785.89	3859076.54	3.45691	4.63594	3.64238	5.46265	7.89E-02	0.00494	5.5E-05	0.01746	0.10135	1.04E-01	0.006532	4.46E-05	0.010843	1.22E-01	0.120871	0.006602	3.3E-05	0.011961	0.139467
1262	489835.89	3859076.54	3.33166	4.30066	3.5016	5.01382	7.60E-02	0.00458	5.3E-05	0.01603	0.09669	1.01E-01	0.006059	4.29E-05	0.009952	1.17E-01	0.116491	0.006125	3.17E-05	0.010979	0.133626
1263	489885.89	3859076.54	3.22715	4.22208	3.3376	5.36876	7.36E-02	0.0045	5E-05	0.01716	0.09536	9.74E-02	0.005949	4.08E-05	0.010656	1.14E-01	0.112837	0.006013	3.02E-05	0.011756	0.130636
1264	489935.89	3859076.54	3.09916	4.5501	3.22043	5.72215	7.07E-02	0.00485	4.9E-05	0.01829	0.09392	9.35E-02	0.006411	3.94E-05	0.011358	1.11E-01	0.108362	0.00648	2.91E-05	0.01253	0.127401
1265	489985.89	3859076.54	3.10151	4.86097	3.2047	6.02974	7.08E-02	0.00518	4.8E-05	0.01928	0.09528	9.36E-02	0.006849	3.92E-05	0.011968	1.12E-01	0.108444	0.006923	2.9E-05	0.013203	0.128599
1266	490035.89	3859076.54	3.1209	5.18959	3.18111	6.28331	7.12E-02	0.00553	4.8E-05	0.02009	0.09689	9.42E-02	0.007312	3.89E-05	0.012472	1.14E-01	0.109122	0.007391	2.88E-05	0.013758	0.1303
1267	489585.89	3859126.54	4.14705	5.78735	3.75036	7.40375	9.46E-02	0.00617	5.7E-05	0.02367	0.12453	1.25E-01	0.008154	4.59E-05	0.014696	1.48E-01	0.145001	0.008242	3.39E-05	0.016212	0.169489
1268	489635.89	3859126.54	3.94695	5.64412	3.78572	7.12559	9.01E-02	0.00601	5.7E-05	0.02278	0.11892	1.19E-01	0.007952	4.63E-05	0.014144	1.41E-01	0.138005	0.008038	3.42E-05	0.015603	0.16168
1269	489685.89	3859126.54	3.76146	5.45069	3.78764	6.77715	8.58E-02	0.00581	5.7E-05	0.02167	0.11337	1.14E-01	0.00768	4.64E-05	0.013452	1.35E-01	0.131519	0.007763	3.43E-05	0.01484	0.154156
1270	489735.89	3859126.54	3.602	5.21234	3.75447	6.37831	8.22E-02	0.00555	5.7E-05	0.02039	0.1082	1.09E-01	0.007344	4.6E-05	0.01266	1.29E-01	0.125944	0.007423	3.4E-05	0.013966	0.147367
1271	489785.89	3859126.54	3.49146	4.93737	3.68721	5.94595	7.97E-02	0.00526	5.6E-05	0.01901	0.104	1.05E-01	0.006956	4.51E-05	0.011802	1.24E-01	0.122079	0.007032	3.34E-05	0.01302	0.142163
1272	489835.89	3859126.54	3.36461	4.64114	3.59146	5.49692	7.68E-02	0.00494	5.4E-05	0.01757	0.09936	1.02E-01	0.006539	4.4E-05	0.010911	1.19E-01	0.117643	0.00661	3.25E-05	0.012036	0.136322
1273	489885.89	3859126.54	3.2662	4.33086	3.46948	5.11946	7.45E-02	0.00461	5.2E-05	0.01637	0.09557	9.86E-02	0.006102	4.25E-05	0.010162	1.15E-01	0.114202	0.006168	3.14E-05	0.01121	0.131612
1274	489935.89	3859126.54	3.15865	4.00534	3.31965	4.89295	7.21E-02	0.00427	5E-05	0.01564	0.09204	9.53E-02	0.005643	4.06E-05	0.009712	1.11E-01	0.110442	0.005704	3E-05	0.010714	0.12689
1275	489985.89	3859126.54	3.05439	4.2246	3.1603	5.25442	6.97E-02	0.0045	4.8E-05	0.0168	0.09105	9.22E-02	0.005952	3.87E-05	0.010429	1.09E-01	0.106797	0.006016	2.86E-05	0.011505	0.124347
1276	490035.89	3859126.54	3.04902	4.55635	3.14965	5.58409	6.96E-02	0.00485	4.7E-05	0.01785	0.09234	9.20E-02	0.00642	3.85E-05	0.011084	1.10E-01	0.106609	0.006489	2.85E-05	0.012227	0.125354
1277	489585.89	3859176.54	4.19362	5.70073	3.55388	7.37123	9.57E-02	0.00607	5.4E-05	0.02357	0.12539	1.27E-01	0.008032	4.35E-05	0.014631	1.49E-01	0.14663	0.008119	3.22E-05	0.016141	0.170921

1278	489635.89	3859176.54	4.00265	5.64343	3.62969	7.2287	9.13E-02	0.00601	5.5E-05	0.02311	0.12052	1.21E-01	0.007951	4.44E-05	0.014348	1.43E-01	0.139952	0.008037	3.28E-05	0.015828	0.163851
1279	489685.89	3859176.54	3.81914	5.52519	3.67253	6.99841	8.72E-02	0.00589	5.5E-05	0.02237	0.11547	1.15E-01	0.007785	4.49E-05	0.013891	1.37E-01	0.133536	0.007869	3.32E-05	0.015324	0.156762
1280	489735.89	3859176.54	3.64483	5.35622	3.68334	6.69523	8.32E-02	0.00571	5.6E-05	0.0214	0.11034	1.10E-01	0.007547	4.51E-05	0.013289	1.31E-01	0.127441	0.007628	3.33E-05	0.01466	0.149763
1281	489785.89	3859176.54	3.49244	5.15224	3.66665	6.33515	7.97E-02	0.00549	5.5E-05	0.02025	0.1055	1.05E-01	0.007259	4.49E-05	0.012575	1.25E-01	0.122113	0.007338	3.32E-05	0.013872	0.143356
1282	489835.89	3859176.54	3.35138	4.90799	3.61628	5.93902	7.65E-02	0.00523	5.5E-05	0.01899	0.10075	1.01E-01	0.006915	4.43E-05	0.011788	1.20E-01	0.117181	0.00699	3.27E-05	0.013004	0.137208
1283	489885.89	3859176.54	3.24536	4.63885	3.53788	5.51788	7.41E-02	0.00494	5.3E-05	0.01764	0.0967	9.79E-02	0.006536	4.33E-05	0.010952	1.15E-01	0.113474	0.006606	3.2E-05	0.012082	0.132195
1284	489935.89	3859176.54	3.14629	4.34422	3.42827	5.09	7.18E-02	0.00463	5.2E-05	0.01627	0.09275	9.50E-02	0.006121	4.2E-05	0.010103	1.11E-01	0.11001	0.006187	3.1E-05	0.011145	0.127373
1285	489985.89	3859176.54	3.09682	4.05416	3.30517	4.83968	7.07E-02	0.00432	5E-05	0.01547	0.09051	9.35E-02	0.005712	4.05E-05	0.009606	1.09E-01	0.10828	0.005774	2.99E-05	0.010597	0.124681
1286	490035.89	3859176.54	2.99072	3.88678	3.14969	4.80226	6.83E-02	0.00414	4.7E-05	0.01535	0.08779	9.03E-02	0.005476	3.85E-05	0.009532	1.05E-01	0.10457	0.005535	2.85E-05	0.010515	0.12065
1287	489685.89	3859226.54	3.86686	5.49967	3.51307	7.04787	8.82E-02	0.00586	5.3E-05	0.02253	0.11669	1.17E-01	0.007749	4.3E-05	0.013989	1.38E-01	0.135205	0.007832	3.18E-05	0.015432	0.158501
1288	489735.89	3859226.54	3.69672	5.40319	3.56153	6.86059	8.44E-02	0.00576	5.4E-05	0.02193	0.11211	1.12E-01	0.007613	4.36E-05	0.013618	1.33E-01	0.129256	0.007695	3.22E-05	0.015022	0.152005
1289	489785.89	3859226.54	3.53741	5.26722	3.58551	6.59891	8.07E-02	0.00561	5.4E-05	0.0211	0.10749	1.07E-01	0.007421	4.39E-05	0.013098	1.27E-01	0.123685	0.007501	3.24E-05	0.014449	0.145668
1290	489835.89	3859226.54	3.39939	5.09243	3.58235	6.27864	7.76E-02	0.00543	5.4E-05	0.02007	0.10313	1.03E-01	0.007175	4.38E-05	0.012462	1.22E-01	0.118859	0.007252	3.24E-05	0.013748	0.139892
1291	489885.89	3859226.54	3.26636	4.87449	3.54584	5.9161	7.45E-02	0.00519	5.3E-05	0.01891	0.0987	9.86E-02	0.006868	4.34E-05	0.011743	1.17E-01	0.114208	0.006942	3.21E-05	0.012954	0.134136
1292	489935.89	3859226.54	3.13119	4.62776	3.48098	5.52618	7.15E-02	0.00493	5.2E-05	0.01767	0.09411	9.45E-02	0.00652	4.26E-05	0.010969	1.12E-01	0.109482	0.006591	3.15E-05	0.0121	0.128204
1293	489985.89	3859226.54	3.06088	4.37748	3.401	5.25876	6.99E-02	0.00466	5.1E-05	0.01681	0.09138	9.24E-02	0.006168	4.16E-05	0.010438	1.09E-01	0.107023	0.006234	3.08E-05	0.011515	0.124803
1294	490035.89	3859226.54	2.9807	4.08212	3.27777	4.79223	6.80E-02	0.00435	4.9E-05	0.01532	0.08774	9.00E-02	0.005751	4.01E-05	0.009512	1.05E-01	0.10422	0.005814	2.97E-05	0.010493	0.120557
1295	489735.89	3859276.54	3.73615	5.3519	3.39749	6.86177	8.53E-02	0.0057	5.1E-05	0.02194	0.11295	1.13E-01	0.00754	4.16E-05	0.01362	1.34E-01	0.130634	0.007622	3.07E-05	0.015025	0.153312
1296	489785.89	3859276.54	3.58292	5.28399	3.45545	6.71444	8.18E-02	0.00563	5.2E-05	0.02147	0.10891	1.08E-01	0.007445	4.23E-05	0.013327	1.29E-01	0.125277	0.007525	3.13E-05	0.014702	0.147535
1297	489835.89	3859276.54	3.44103	5.18013	3.49238	6.49178	7.85E-02	0.00552	5.3E-05	0.02075	0.10485	1.04E-01	0.007298	4.27E-05	0.012886	1.24E-01	0.120315	0.007377	3.16E-05	0.014215	0.141939
1298	489885.89	3859276.54	3.30429	5.02213	3.49546	6.21008	7.54E-02	0.00535	5.3E-05	0.01985	0.10066	9.97E-02	0.007076	4.28E-05	0.012326	1.19E-01	0.115534	0.007152	3.16E-05	0.013598	0.136316
1299	489935.89	3859276.54	3.18873	4.83449	3.47455	5.88171	7.28E-02	0.00515	5.2E-05	0.0188	0.09678	9.62E-02	0.006811	4.25E-05	0.011675	1.15E-01	0.111494	0.006885	3.14E-05	0.012879	0.131289
1300	489985.89	3859276.54	3.06132	4.63618	3.43817	5.7493	6.99E-02	0.00494	5.2E-05	0.01838	0.09323	9.24E-02	0.006532	4.21E-05	0.011412	1.10E-01	0.107039	0.006603	3.11E-05	0.012589	0.126262
1301	490035.89	3859276.54	2.92749	4.36439	3.3461	5.29314	6.68E-02	0.00465	5E-05	0.01692	0.08843	8.84E-02	0.006149	4.1E-05	0.010506	1.05E-01	0.10236	0.006216	3.03E-05	0.01159	0.120196
1302	490458.06	3859590.74	2.3542	3.75852	2.85188	4.48742	5.37E-02	0.004	4.3E-05	0.01435	0.07212	7.11E-02	0.005296	3.49E-05	0.008907	8.53E-02	0.082314	0.005353	2.58E-05	0.009826	0.097519
1303	490508.06	3859590.74	2.31242	3.57577	2.78554	4.20114	5.28E-02	0.00381	4.2E-05	0.01343	0.07005	6.98E-02	0.005038	3.41E-05	0.008339	8.32E-02	0.080854	0.005092	2.52E-05	0.009199	0.09517
1304	490558.06	3859590.74	2.30314	3.37925	2.70181	3.90911	5.26E-02	0.0036	4.1E-05	0.0125	0.0687	6.95E-02	0.004761	3.31E-05	0.007759	8.21E-02	0.080529	0.004813	2.44E-05	0.00856	0.093926
1305	490608.06	3859590.74	2.30165	3.17681	2.60433	3.8581	5.25E-02	0.00338	3.9E-05	0.01233	0.06828	6.95E-02	0.004476	3.19E-05	0.007658	8.16E-02	0.080477	0.004524	2.36E-05	0.008448	0.093473
1306	490658.06	3859590.74	2.35473	3.06695	2.49462	3.77847	5.37E-02	0.00327	3.8E-05	0.01208	0.06912	7.11E-02	0.004321	3.05E-05	0.0075	8.29E-02	0.082333	0.004368	2.26E-05	0.008274	0.094997
1307	490708.06	3859590.74	2.40292	3.03376	2.49605	3.66157	5.48E-02	0.00323	3.8E-05	0.01171	0.06981	7.25E-02	0.004274	3.05E-05	0.007268	8.41E-02	0.084018	0.004321	2.26E-05	0.008018	0.096379
1308	490758.06	3859590.74	2.44207	3.26841	2.48879	3.66689	5.57E-02	0.00348	3.8E-05	0.01172	0.07097	7.37E-02	0.004605	3.05E-05	0.007278	8.56E-02	0.085387	0.004655	2.25E-05	0.008029	0.098093
1309	490808.06	3859590.74	2.4751	3.48457	2.46414	3.93374	5.65E-02	0.00371	3.7E-05	0.01258	0.07281	7.47E-02	0.00491	3.02E-05	0.007808	8.74E-02	0.086542	0.004963	2.23E-05	0.008614	0.10014
1310	490858.06	3859590.74	2.50259	3.68842	2.42753	4.17783	5.71E-02	0.00393	3.7E-05	0.01336	0.07443	7.55E-02	0.005197	2.97E-05	0.008293	8.90E-02	0.087503	0.005253	2.2E-05	0.009148	0.101926
1311	490458.06	3859640.74	2.40352	3.89008	2.84547	4.73797	5.49E-02	0.00414	4.3E-05	0.01515	0.07418	7.25E-02	0.005481	3.48E-05	0.009404	8.75E-02	0.084039	0.00554	2.57E-05	0.010375	0.099979
1312	490508.06	3859640.74	2.32493	3.73602	2.80477	4.48441	5.31E-02	0.00398	4.2E-05	0.01434	0.07142	7.02E-02	0.005264	3.43E-05	0.008901	8.44E-02	0.081291	0.005321	2.54E-05	0.009819	0.096456
1313	490558.06	3859640.74	2.25383	3.56489	2.74645	4.21647	5.14E-02	0.0038	4.1E-05	0.01348	0.06875	6.80E-02	0.005023	3.36E-05	0.008369	8.14E-02	0.078805	0.005077	2.48E-05	0.009233	0.093139
1314	490608.06	3859640.74	2.24931	3.38701	2.67604	3.93698	5.13E-02	0.00361	4E-05	0.01259	0.06757	6.79E-02	0.004772	3.28E-05	0.007814	8.05E-02	0.078647	0.004824	2.42E-05	0.008621	0.092115
1315	490658.06	3859640.74	2.24776	3.20002	2.59081	3.80814	5.13E-02	0.00341	3.9E-05	0.01217	0.06692	6.78E-02	0.004509	3.17E-05	0.007559	7.99E-02	0.078593	0.004557	2.34E-05	0.008339	0.091512
1316	490708.06	3859640.74	2.24299	3.02533	2.48955	3.74603	5.12E-02	0.00322	3.8E-05	0.01198	0.06642	6.77E-02	0.004262	3.05E-05	0.007435	7.94E-02	0.078426	0.004309	2.25E-05	0.008203	0.09096
1317	490758.06	3859640.74	2.29665	2.97338	2.44219	3.64874	5.24E-02	0.00317	3.7E-05	0.01167	0.06728	6.93E-02	0.004189	2.99E-05	0.007242	8.08E-02	0.080302	0.004235	2.21E-05	0.00799	0.092548
1318	490808.06	3859640.74	2.34172	3.04059	2.43728	3.5132	5.34E-02	0.00324	3.7E-05	0.01123	0.06795	7.07E-02	0.004284	2.98E-05	0.006973	8.20E-02	0.081878	0.00433	2.2E-05	0.007693	0.093923
1319	490858.06	3859640.74	2.3819	3.25252	2.4185	3.63974	5.44E-02	0.00347	3.6E-05	0.01164	0.06949	7.19E-02	0.004583	2.96E-05	0.007225	8.37E-02	0.083283	0.004632	2.19E-05	0.00797	0.095907
1320	490608.06	3859690.74	2.23003	3.56143	2.71312	4.221	5.09E-02	0.00379	4.1E-05	0.01349	0.06822	6.73E-02	0.005018	3.32E-05	0.008378	8.07E-02	0.077973	0.005072	2.45E-05	0.009243	0.092312
1321	490658.06	3859690.74	2.22882	3.39658	2.65212	4.04523	5.09E-02	0.00362	4E-05	0.01293	0.06745	6.73E-02	0.004786	3.25E-05	0.008029	8.01E-02	0.077931	0.004837	2.4E-05	0.008858	0.091649
1322	490708.06	3859690.74	2.2174	3.21656	2.5735	3.75846	5.06E-02	0.00343	3.9E-05	0.01202	0.06608	6.69E-02	0.004532	3.15E-05	0.00746	7.89E-02	0.077531	0.004581	2.33E-05	0.00823	0.090365
1323	490758.06	3859690.74	2.17764	3.02976	2.48215	3.70904	4.97E-02	0.00323	3.7E-05	0.01186	0.06482	6.57E-02	0.004269	3.04E-05	0.007362	7.74E-02	0.076141	0.004315	2.25E-05	0.008122	0.0886
1324	490808.06	3859690.74	2.18619	2.93602	2.38459	3.62199	4.99E-02	0.00313	3.6E-05	0.01158	0.06463	6.60E-02	0.004137	2.92E-05	0.007189	7.73E-02	0.07644	0.004181	2.16E-05	0.007931	0.088574
1325	490858.06	3859690.74	2.23527	2.8644	2.38151	3.49736	5.10E-02	0.00305	3.6E-05	0.01118	0.06528	6.75E-02	0.004036	2.91E-05	0.006942	7.85E-02	0.078156	0.004079	2.15E-05	0.007658	0.089915
1326	490708.06	3859740.74	2.16689	3.39436	2.62139	3.97139	4.95E-02	0.00362	4E-05	0.0127	0.0658	6.54E-02	0.004782	3.21E-05	0.007883	7.81E-02	0.075765	0.004834	2.37E-05	0.008696	0.089319
1327	490758.06	3859740.74	2.15785	3.21666	2.54577	3.79173	4.92E-02	0.00343	3.8E-05	0.01212	0.06483	6.51E-02	0.004532	3.12E-05	0.007526	7.72E-02	0.075449	0.004581	2.3E-05	0.008303	0.088356
1328	490808.06	3859740.74	2.12569	3.03498	2.4594	3.62211	4.85E-02	0.00323	3.7E-05	0.01158	0.06336	6.42E-02	0.004276	3.01E-05	0.00719	7.57E-02	0.074325	0.004322	2.22E-05	0.007931	0.0866
1329	490858.06	3859740.74	2.07588	2.87543	2.35928	3.55285	4.74E-02	0.00306	3.6E-05	0.01136	0.06183	6.27E-02	0.004051	2.89E-05	0.007052	7.38E-02	0.072583	0.004095	2.13E-05	0.00778	0.084479
1330	490786.56	3859749.39	2.13487	3.14504	2.50794	3.68544	4.87E-02	0.00335	3.8E-05	0.01178	0.06389	6.44E-02	0.004431	3.07E-05	0.007315	7.62E-02	0.074646	0.004479	2.27E-05	0.00807	0.087217
1331	490836.56	3859749.39	2.09866	2.9619	2.41778	3.58464	4.79E-02	0.00316	3.6E-05	0.01146	0.06255	6.33E-02	0.004173	2.96E-05	0.007115	7.47E-02	0.07338	0.004218	2.19E-05	0.007849	0.085469
1332	490786.56	3859799.39	2.08441	3.30741	2.54871	3.88721	4.76E-02	0.00352	3.8E-05	0.01243	0.06356	6.29E-02	0.00466	3.12E-05	0.007716	7.53E-02	0.072881	0.00471	2.31E-05	0.008512	0.086126
1333	490836.56	3859799.39	2.03897	3.14326	2.48018	3.64363	4.65E-02	0.00335	3.7E-05	0.01165	0.06157	6.15E-02	0.004429	3.04E-05	0.007232	7.32E-02	0.071292	0.004476	2.24E-05	0.007978	0.08377
1334	492307.84	3854508.36	1.70548	2.30435	1.85537	0.66854	3.89E-02	0.00245	2.8E-05	0.00214	0.04354	5.15E-02	0.003247	2.27E-05	0.001327	5.61E-02	0.059632	0.003282	1.68E-05	0.001464	0.064394
1335	486445.7	3854753.6	3.25518	6.70879	2.43773	0.93384	7.43E-02	0.00715	3.7E-05	0.00299	0.08446	9.82E-02	0.009452	2.98E-05	0.001854	1.10E-01	0.113817	0.009554	2.21E-05	0.002045	0.125438
1336	472599.75	3877830.11	0.15009	0.23382	0.17968	0.24601	3.43E-03	0.00025	2.7E-06	0.00079	0.00446	4.53E-03	0.000329	2.2E-06	0.000488	5.35E-03	0.005248	0.000333	1.63E-06	0.000539	0.006121
1337	493107.48	3866840.19	0.80465	1.37211	0.82125	1.19294	1.84E-02	0.00146	1.2E-05	0.00381	0.02365	2.43E-02	0.001933	1.01E-05	0.002368	2.86E-02	0.028135	0.001954	7.43E-06	0.002612	0.032708
1338	495815.8	3861662.87	0.97785	1.73103	1.11492	2.12271	2.23E-02	0.00184	1.7E-05	0.00679	0.03096	2.95E-02	0.002439	1.36E-05	0.004213	3.62E-02	0.03419	0.002465	1.01E-05	0.004648	0.041314

1339	480272.33	3841389.2	0.17313	0.19615	0.22311	0.25134	3.95E-03	0.00021	3.4E-06	0.0008	0.00497	5.23E-03	0.000276	2.73E-06	0.000499	6.00E-03	0.006053	0.000279	2.02E-06	0.00055	0.006885
1340	497005.18	3862813.64	0.74094	1.38387	0.75088	1.70723	1.69E-02	0.00147	1.1E-05	0.00546	0.02385	2.24E-02	0.00195	9.19E-06	0.003389	2.77E-02	0.025907	0.001971	6.79E-06	0.003738	0.031623
1341	493677.33	3860302.55	1.64254	2.43676	1.8417	2.94959	3.75E-02	0.0026	2.8E-05	0.00943	0.04954	4.96E-02	0.003433	2.25E-05	0.005855	5.89E-02	0.057431	0.00347	1.67E-05	0.006459	0.067377
1342	493727.33	3860302.55	1.62508	2.44254	1.8368	2.95903	3.71E-02	0.0026	2.8E-05	0.00946	0.04918	4.90E-02	0.003441	2.25E-05	0.005873	5.84E-02	0.056821	0.003479	1.66E-05	0.006479	0.066795
1343	493777.33	3860302.55	1.608	2.44647	1.82936	2.96831	3.67E-02	0.00261	2.8E-05	0.00949	0.04882	4.85E-02	0.003447	2.24E-05	0.005892	5.79E-02	0.056224	0.003484	1.65E-05	0.0065	0.066224
1344	493827.33	3860302.55	1.59104	2.44837	1.81864	2.97349	3.63E-02	0.00261	2.7E-05	0.00951	0.04845	4.80E-02	0.00345	2.23E-05	0.005902	5.74E-02	0.055631	0.003487	1.65E-05	0.006511	0.065645
1345	493877.33	3860302.55	1.57296	2.44392	1.80264	2.96681	3.59E-02	0.0026	2.7E-05	0.00948	0.04801	4.75E-02	0.003443	2.21E-05	0.005889	5.68E-02	0.054998	0.00348	1.63E-05	0.006496	0.064992
1346	493927.33	3860302.55	1.55437	2.4357	1.7825	2.95116	3.55E-02	0.00259	2.7E-05	0.00943	0.04753	4.69E-02	0.003432	2.18E-05	0.005858	5.62E-02	0.054348	0.003469	1.61E-05	0.006462	0.064295
1347	493977.33	3860302.55	1.53996	2.43712	1.76711	2.96325	3.51E-02	0.0026	2.7E-05	0.00947	0.04724	4.65E-02	0.003434	2.16E-05	0.005882	5.58E-02	0.053845	0.003471	1.6E-05	0.006489	0.06382
1348	494027.33	3860302.55	1.52329	2.42977	1.7448	2.95364	3.48E-02	0.00259	2.6E-05	0.00944	0.04682	4.60E-02	0.003423	2.14E-05	0.005863	5.53E-02	0.053262	0.00346	1.58E-05	0.006467	0.063205
1349	493677.33	3860352.55	1.64601	2.37929	1.80393	2.87699	3.76E-02	0.00253	2.7E-05	0.0092	0.04932	4.97E-02	0.003352	2.21E-05	0.005711	5.88E-02	0.057553	0.003388	1.63E-05	0.0063	0.067257
1350	493727.33	3860352.55	1.62944	2.36957	1.80496	2.78231	3.72E-02	0.00252	2.7E-05	0.0089	0.04863	4.92E-02	0.003339	2.21E-05	0.005523	5.81E-02	0.056973	0.003375	1.63E-05	0.006092	0.066457
1351	493777.33	3860352.55	1.61274	2.37575	1.80274	2.78932	3.68E-02	0.00253	2.7E-05	0.00892	0.04828	4.87E-02	0.003347	2.21E-05	0.005537	5.76E-02	0.056389	0.003383	1.63E-05	0.006108	0.065897
1352	493827.33	3860352.55	1.59499	2.38231	1.79851	2.79233	3.64E-02	0.00254	2.7E-05	0.00893	0.04789	4.81E-02	0.003357	2.2E-05	0.005542	5.71E-02	0.055769	0.003393	1.63E-05	0.006114	0.065292
1353	493877.33	3860352.55	1.57633	2.38796	1.79234	2.88038	3.60E-02	0.00254	2.7E-05	0.00921	0.04775	4.76E-02	0.003364	2.19E-05	0.005717	5.67E-02	0.055116	0.003401	1.62E-05	0.006307	0.06484
1354	493927.33	3860352.55	1.56087	2.39472	1.78485	2.89935	3.56E-02	0.00255	2.7E-05	0.00927	0.04747	4.71E-02	0.003374	2.18E-05	0.005755	5.63E-02	0.054576	0.00341	1.61E-05	0.006349	0.064351
1355	493977.33	3860352.55	1.54606	2.39995	1.77521	2.9182	3.53E-02	0.00256	2.7E-05	0.00933	0.0472	4.67E-02	0.003381	2.17E-05	0.005792	5.59E-02	0.054058	0.003418	1.61E-05	0.00639	0.063882
1356	494027.33	3860352.55	1.52887	2.3956	1.75748	2.91078	3.49E-02	0.00255	2.6E-05	0.00931	0.04677	4.61E-02	0.003375	2.15E-05	0.005778	5.53E-02	0.053457	0.003412	1.59E-05	0.006374	0.063258
1357	493677.33	3860402.55	1.63494	2.40638	1.75275	2.8173	3.73E-02	0.00256	2.6E-05	0.00901	0.04891	4.93E-02	0.00339	2.15E-05	0.005592	5.83E-02	0.057166	0.003427	1.59E-05	0.006169	0.066777
1358	493727.33	3860402.55	1.61992	2.3442	1.75598	2.73372	3.70E-02	0.0025	2.6E-05	0.00874	0.04823	4.89E-02	0.003303	2.15E-05	0.005426	5.76E-02	0.05664	0.003338	1.59E-05	0.005986	0.065981
1359	493777.33	3860402.55	1.61145	2.33046	1.76801	2.72304	3.68E-02	0.00248	2.7E-05	0.00871	0.04799	4.86E-02	0.003283	2.16E-05	0.005405	5.73E-02	0.056344	0.003319	1.6E-05	0.005963	0.065642
1360	493827.33	3860402.55	1.59299	2.31934	1.76757	2.72921	3.64E-02	0.00247	2.7E-05	0.00873	0.04758	4.81E-02	0.003268	2.16E-05	0.005417	5.68E-02	0.055699	0.003303	1.6E-05	0.005976	0.064994
1361	493877.33	3860402.55	1.57751	2.31902	1.76634	2.73683	3.60E-02	0.00247	2.7E-05	0.00875	0.04725	4.76E-02	0.003267	2.16E-05	0.005432	5.63E-02	0.055158	0.003303	1.6E-05	0.005993	0.064469
1362	493927.33	3860402.55	1.56732	2.33392	1.76776	2.73995	3.58E-02	0.00249	2.7E-05	0.00876	0.04704	4.73E-02	0.003288	2.16E-05	0.005439	5.61E-02	0.054801	0.003324	1.6E-05	0.006	0.064141
1363	493977.33	3860402.55	1.5507	2.34852	1.76739	2.84554	3.54E-02	0.0025	2.7E-05	0.0091	0.04701	4.68E-02	0.003309	2.16E-05	0.005648	5.58E-02	0.05422	0.003345	1.6E-05	0.006231	0.063812
1364	494027.33	3860402.55	1.53325	2.34779	1.75534	2.84115	3.50E-02	0.0025	2.6E-05	0.00908	0.0466	4.63E-02	0.003308	2.15E-05	0.005639	5.52E-02	0.05361	0.003344	1.59E-05	0.006221	0.063191
1365	493677.33	3860452.55	1.62627	2.47822	1.76985	2.92749	3.71E-02	0.00264	2.7E-05	0.00936	0.04914	4.91E-02	0.003492	2.17E-05	0.005811	5.84E-02	0.056862	0.003529	1.6E-05	0.00641	0.066818
1366	493727.33	3860452.55	1.60859	2.4122	1.73772	2.84948	3.67E-02	0.00257	2.6E-05	0.00911	0.04842	4.85E-02	0.003399	2.13E-05	0.005656	5.76E-02	0.056244	0.003435	1.57E-05	0.006239	0.065935
1367	493777.33	3860452.55	1.59521	2.35393	1.70842	2.76942	3.64E-02	0.00251	2.6E-05	0.00885	0.04779	4.81E-02	0.003317	2.09E-05	0.005497	5.70E-02	0.055776	0.003352	1.55E-05	0.006064	0.065208
1368	493827.33	3860452.55	1.58533	2.30161	1.7203	2.68778	3.62E-02	0.00245	2.6E-05	0.00859	0.04725	4.78E-02	0.003243	2.11E-05	0.005335	5.64E-02	0.055431	0.003278	1.56E-05	0.005885	0.06461
1369	493877.33	3860452.55	1.5738	2.27815	1.72957	2.67948	3.59E-02	0.00243	2.6E-05	0.00857	0.04693	4.75E-02	0.00321	2.12E-05	0.005318	5.60E-02	0.055028	0.003244	1.56E-05	0.005867	0.064155
1370	493927.33	3860452.55	1.56705	2.2837	1.74063	2.67605	3.58E-02	0.00243	2.6E-05	0.00856	0.04678	4.73E-02	0.003218	2.13E-05	0.005312	5.58E-02	0.054792	0.003252	1.57E-05	0.00586	0.06392
1371	493977.33	3860452.55	1.55255	2.27914	1.74057	2.68414	3.54E-02	0.00243	2.6E-05	0.00858	0.04647	4.69E-02	0.003211	2.13E-05	0.005328	5.54E-02	0.054285	0.003246	1.57E-05	0.005877	0.063424
1372	494027.33	3860452.55	1.53763	2.28582	1.73693	2.68905	3.51E-02	0.00244	2.6E-05	0.0086	0.04615	4.64E-02	0.003221	2.13E-05	0.005337	5.50E-02	0.053763	0.003255	1.57E-05	0.005888	0.062922
1373	493677.33	3860502.55	1.61326	2.53693	1.7733	3.02459	3.68E-02	0.0027	2.7E-05	0.00967	0.04922	4.87E-02	0.003574	2.17E-05	0.006003	5.83E-02	0.056408	0.003613	1.6E-05	0.006623	0.066659
1374	493727.33	3860502.55	1.59853	2.47778	1.74895	2.95198	3.65E-02	0.00264	2.6E-05	0.00944	0.04858	4.82E-02	0.003491	2.14E-05	0.005859	5.76E-02	0.055893	0.003529	1.58E-05	0.006464	0.065901
1375	493777.33	3860502.55	1.58654	2.42293	1.72544	2.87647	3.62E-02	0.00258	2.6E-05	0.0092	0.04801	4.79E-02	0.003414	2.11E-05	0.005709	5.70E-02	0.055473	0.003451	1.56E-05	0.006299	0.065238
1376	493827.33	3860502.55	1.57453	2.36824	1.69975	2.80022	3.59E-02	0.00252	2.6E-05	0.00895	0.04743	4.75E-02	0.003337	2.08E-05	0.005558	5.64E-02	0.055053	0.003373	1.54E-05	0.006132	0.064573
1377	493877.33	3860502.55	1.56558	2.31849	1.67691	2.7223	3.57E-02	0.00247	2.5E-05	0.0087	0.04693	4.73E-02	0.003267	2.05E-05	0.005403	5.59E-02	0.05474	0.003302	1.52E-05	0.005961	0.064018
1378	493927.33	3860502.55	1.55771	2.27017	1.69297	2.6427	3.55E-02	0.00242	2.6E-05	0.00845	0.04644	4.70E-02	0.003199	2.07E-05	0.005245	5.55E-02	0.054465	0.003233	1.53E-05	0.005787	0.0635
1379	493977.33	3860502.55	1.54351	2.23656	1.69869	2.63619	3.52E-02	0.00238	2.6E-05	0.00843	0.04606	4.66E-02	0.003151	2.08E-05	0.005233	5.50E-02	0.053969	0.003185	1.54E-05	0.005772	0.062942
1380	494027.33	3860502.55	1.53062	2.23327	1.70314	2.63041	3.49E-02	0.00238	2.6E-05	0.00841	0.04574	4.62E-02	0.003147	2.08E-05	0.005221	5.46E-02	0.053518	0.003181	1.54E-05	0.00576	0.062474
1381	493627.33	3860552.55	1.6063	2.62839	1.7751	3.16565	3.67E-02	0.0028	2.7E-05	0.01012	0.0496	4.85E-02	0.003703	2.17E-05	0.006283	5.85E-02	0.056164	0.003743	1.61E-05	0.006932	0.066855
1382	493677.33	3860552.55	1.59356	2.57597	1.76034	3.10306	3.64E-02	0.00274	2.7E-05	0.00992	0.04906	4.81E-02	0.003629	2.15E-05	0.006159	5.79E-02	0.055719	0.003669	1.59E-05	0.006795	0.066198
1383	493727.33	3860552.55	1.58127	2.52398	1.74352	3.03648	3.61E-02	0.00269	2.6E-05	0.00971	0.04851	4.77E-02	0.003556	2.13E-05	0.006027	5.73E-02	0.055289	0.003595	1.58E-05	0.006649	0.065548
1384	493777.33	3860552.55	1.57225	2.4769	1.72793	2.9694	3.59E-02	0.00264	2.6E-05	0.00949	0.04804	4.75E-02	0.00349	2.11E-05	0.005894	5.69E-02	0.054974	0.003527	1.56E-05	0.006502	0.065019
1385	493827.33	3860552.55	1.56513	2.43288	1.71204	2.9002	3.57E-02	0.00259	2.6E-05	0.00927	0.04761	4.72E-02	0.003428	2.1E-05	0.005757	5.64E-02	0.054725	0.003465	1.55E-05	0.00635	0.064555
1386	493877.33	3860552.55	1.55261	2.37808	1.68781	2.82616	3.54E-02	0.00253	2.5E-05	0.00904	0.04703	4.69E-02	0.003351	2.07E-05	0.00561	5.58E-02	0.054287	0.003387	1.53E-05	0.006188	0.063877
1387	493927.33	3860552.55	1.54408	2.33024	1.66589	2.75245	3.52E-02	0.00248	2.5E-05	0.0088	0.04654	4.66E-02	0.003283	2.04E-05	0.005463	5.54E-02	0.053989	0.003319	1.51E-05	0.006027	0.063349
1388	493977.33	3860552.55	1.5359	2.28257	1.64751	2.67658	3.51E-02	0.00243	2.5E-05	0.00856	0.04606	4.64E-02	0.003216	2.02E-05	0.005313	5.49E-02	0.053703	0.003251	1.49E-05	0.005861	0.062829
1389	494027.33	3860552.55	1.52269	2.22607	1.65674	2.59887	3.47E-02	0.00237	2.5E-05	0.00831	0.04545	4.60E-02	0.003136	2.03E-05	0.005158	5.43E-02	0.053241	0.00317	1.5E-05	0.005691	0.062117
1390	493627.33	3860602.55	1.58473	2.6524	1.74671	3.21628	3.62E-02	0.00283	2.6E-05	0.01028	0.0493	4.78E-02	0.003737	2.14E-05	0.006384	5.80E-02	0.05541	0.003777	1.58E-05	0.007043	0.066246
1391	493727.33	3860602.55	1.55935	2.55382	1.72431	3.10308	3.56E-02	0.00272	2.6E-05	0.00992	0.04825	4.71E-02	0.003598	2.11E-05	0.006159	5.68E-02	0.054523	0.003637	1.56E-05	0.006795	0.06497
1392	493777.33	3860602.55	1.55619	2.52092	1.72006	3.04625	3.55E-02	0.00269	2.6E-05	0.00974	0.04796	4.70E-02	0.003552	2.11E-05	0.006046	5.66E-02	0.054412	0.00359	1.56E-05	0.00667	0.064688
1393	493827.33	3860602.55	1.54742	2.47633	1.70682	2.9821	3.53E-02	0.00264	2.6E-05	0.00953	0.04751	4.67E-02	0.003489	2.09E-05	0.005919	5.61E-02	0.054105	0.003527	1.54E-05	0.00653	0.064177
1394	493877.33	3860602.55	1.54183	2.43633	1.69473	2.91791	3.52E-02	0.0026	2.6E-05	0.00933	0.04714	4.65E-02	0.003433	2.07E-05	0.005792	5.58E-02	0.05391	0.00347	1.53E-05	0.006389	0.063784
1395	493927.33	3860602.55	1.53328	2.39036	1.67696	2.84978	3.50E-02	0.00255	2.5E-05	0.00911	0.04667	4.63E-02	0.003368	2.05E-05	0.005657	5.53E-02	0.053611	0.003404	1.52E-05	0.00624	0.063271
1396	493977.33	3860602.55	1.52492	2.34377	1.65719	2.77834	3.48E-02	0.0025	2.5E-05	0.00888	0.0462	4.60E-02	0.003302	2.03E-05	0.005515	5.49E-02	0.053319	0.003338	1.5E-05	0.006084	0.062755
1397	494027.33	3860602.55	1.51171	2.28856	1.63007	2.7053	3.45E-02	0.00244	2.5E-05	0.00865	0.04561	4.56E-02	0.003224	2E-05	0.00537	5.42E-02	0.052857	0.003259	1.47E-05	0.005924	0.062055
1398	493627.33	3860652.55	1.55789	2.65686	1.70436	3.2441	3.56E-02	0.00283	2.6E-05	0.01037	0.04878	4.70E-02	0.003743	2.09E-05	0.006439	5.72E-02	0.054472	0.003784	1.54E-05	0.007103	0.065374
1399	493727.33	3860652.55	1.53742	2.57532	1.69699	3.15066	3.51E-02	0.00274	2.6E-05	0.01007	0.04793	4.64E-02	0.003628	2.08E-05	0.006254	5.63E-02	0.053756	0.003668	1.54E-05	0.006899	0.064338

1400	493777.33	3860652.55	1.5341	2.54611	1.69718	3.102	3.50E-02	0.00271	2.6E-05	0.00992	0.04766	4.63E-02	0.003587	2.08E-05	0.006157	5.61E-02	0.05364	0.003626	1.54E-05	0.006792	0.064073
1401	493827.33	3860652.55	1.52993	2.51323	1.69375	3.04918	3.49E-02	0.00268	2.6E-05	0.00975	0.04737	4.62E-02	0.003541	2.07E-05	0.006052	5.58E-02	0.053494	0.003579	1.53E-05	0.006677	0.063765
1402	493877.33	3860652.55	1.52625	2.48001	1.68831	2.99352	3.48E-02	0.00264	2.5E-05	0.00957	0.04707	4.61E-02	0.003494	2.07E-05	0.005942	5.55E-02	0.053365	0.003532	1.53E-05	0.006555	0.063467
1403	493927.33	3860652.55	1.51852	2.43774	1.67576	2.93111	3.47E-02	0.0026	2.5E-05	0.00937	0.04665	4.58E-02	0.003435	2.05E-05	0.005818	5.51E-02	0.053095	0.003472	1.52E-05	0.006418	0.063
1404	493977.33	3860652.55	1.50981	2.39274	1.65978	2.86689	3.45E-02	0.00255	2.5E-05	0.00917	0.04619	4.56E-02	0.003371	2.03E-05	0.00569	5.46E-02	0.05279	0.003408	1.5E-05	0.006278	0.062491
1405	494027.33	3860652.55	1.50337	2.3511	1.64411	2.80087	3.43E-02	0.0025	2.5E-05	0.00895	0.04579	4.54E-02	0.003313	2.01E-05	0.005559	5.43E-02	0.052565	0.003348	1.49E-05	0.006133	0.062061
1406	494311.06	3858401.99	0.59577	0.87014	0.80418	0.47892	1.36E-02	0.00093	1.2E-05	0.00153	0.01607	1.80E-02	0.001226	9.84E-06	0.000951	2.02E-02	0.020831	0.001239	7.28E-06	0.001049	0.023126
1407	494361.06	3858401.99	0.57314	0.86857	0.77449	0.4746	1.31E-02	0.00093	1.2E-05	0.00152	0.01553	1.73E-02	0.001224	9.48E-06	0.000942	1.95E-02	0.02004	0.001237	7.01E-06	0.001039	0.022323
1408	494411.06	3858401.99	0.56284	0.87417	0.75771	0.47232	1.28E-02	0.00093	1.1E-05	0.00151	0.0153	1.70E-02	0.001232	9.27E-06	0.000938	1.92E-02	0.01968	0.001245	6.85E-06	0.001034	0.021966
1409	494461.06	3858401.99	0.56186	0.88741	0.75426	0.47227	1.28E-02	0.00095	1.1E-05	0.00151	0.01529	1.70E-02	0.00125	9.23E-06	0.000937	1.92E-02	0.019645	0.001264	6.82E-06	0.001034	0.02195
1410	494511.06	3858401.99	0.54956	0.89076	0.73485	0.46963	1.25E-02	0.00095	1.1E-05	0.0015	0.015	1.66E-02	0.001255	8.99E-06	0.000932	1.88E-02	0.019215	0.001269	6.65E-06	0.001028	0.021519
1411	494561.06	3858401.99	0.54743	0.90264	0.72992	0.46944	1.25E-02	0.00096	1.1E-05	0.0015	0.01497	1.65E-02	0.001272	8.93E-06	0.000932	1.87E-02	0.019141	0.001285	6.6E-06	0.001028	0.021461
1412	494611.06	3858401.99	0.53449	0.90445	0.70989	0.4667	1.22E-02	0.00096	1.1E-05	0.00149	0.01466	1.61E-02	0.001274	8.69E-06	0.000926	1.83E-02	0.018688	0.001288	6.42E-06	0.001022	0.021005
1413	494661.06	3858401.99	0.52463	0.90827	0.69429	0.46464	1.20E-02	0.00097	1E-05	0.00149	0.01444	1.58E-02	0.00128	8.5E-06	0.000922	1.80E-02	0.018344	0.001294	6.28E-06	0.001017	0.020661
1414	494711.06	3858401.99	0.50625	0.90317	0.66693	0.46051	1.16E-02	0.00096	1E-05	0.00147	0.014	1.53E-02	0.001273	8.16E-06	0.000914	1.75E-02	0.017701	0.001286	6.03E-06	0.001008	0.020002
1415	494761.06	3858401.99	0.49972	0.90839	0.65622	0.45931	1.14E-02	0.00097	9.9E-06	0.00147	0.01385	1.51E-02	0.00128	8.03E-06	0.000912	1.73E-02	0.017473	0.001294	5.94E-06	0.001006	0.019778
1416	494811.06	3858401.99	0.48707	0.90672	0.63708	0.45645	1.11E-02	0.00097	9.6E-06	0.00146	0.01355	1.47E-02	0.001278	7.8E-06	0.000906	1.69E-02	0.01703	0.001291	5.76E-06	0.000999	0.019327
1417	494861.06	3858401.99	0.47645	0.90595	0.62089	0.45409	1.09E-02	0.00097	9.4E-06	0.00145	0.0133	1.44E-02	0.001276	7.6E-06	0.000901	1.66E-02	0.016659	0.00129	5.62E-06	0.000994	0.018949
1418	494911.06	3858401.99	0.46601	0.90417	0.60504	0.45176	1.06E-02	0.00096	9.1E-06	0.00144	0.01305	1.41E-02	0.001274	7.41E-06	0.000897	1.62E-02	0.016294	0.001288	5.47E-06	0.000989	0.018576
1419	494961.06	3858401.99	0.45467	0.9004	0.58806	0.44929	1.04E-02	0.00096	8.9E-06	0.00144	0.01278	1.37E-02	0.001269	7.2E-06	0.000892	1.59E-02	0.015898	0.001282	5.32E-06	0.000984	0.018169
1420	495011.06	3858401.99	0.44054	0.89021	0.56468	0.44559	1.01E-02	0.00095	8.5E-06	0.00142	0.01243	1.33E-02	0.001254	6.91E-06	0.000884	1.54E-02	0.015403	0.001268	5.11E-06	0.000976	0.017652
1421	495061.06	3858401.99	0.43309	0.8836	0.54795	0.44294	9.88E-03	0.00094	8.3E-06	0.00142	0.01225	1.31E-02	0.001245	6.71E-06	0.000879	1.52E-02	0.015143	0.001258	4.96E-06	0.00097	0.017376
1422	495111.06	3858401.99	0.41913	0.8592	0.5118	0.43673	9.56E-03	0.00092	7.7E-06	0.0014	0.01188	1.26E-02	0.001211	6.26E-06	0.000867	1.47E-02	0.014655	0.001224	4.63E-06	0.000956	0.016839
1423	495161.06	3858401.99	0.41618	0.86229	0.50962	0.43688	9.50E-03	0.00092	7.7E-06	0.0014	0.01182	1.26E-02	0.001215	6.24E-06	0.000867	1.46E-02	0.014552	0.001228	4.61E-06	0.000957	0.016741
1424	495211.06	3858401.99	0.40383	0.83976	0.47945	0.43172	9.22E-03	0.00089	7.2E-06	0.00138	0.0115	1.22E-02	0.001183	5.87E-06	0.000857	1.42E-02	0.01412	0.001196	4.34E-06	0.000945	0.016265
1425	495261.06	3858401.99	0.39678	0.83019	0.46553	0.42955	9.05E-03	0.00088	7E-06	0.00137	0.01132	1.20E-02	0.00117	5.7E-06	0.000853	1.40E-02	0.013873	0.001182	4.21E-06	0.000941	0.016
1426	495311.06	3858401.99	0.38928	0.81848	0.45056	0.42714	8.88E-03	0.00087	6.8E-06	0.00137	0.01113	1.17E-02	0.001153	5.51E-06	0.000848	1.38E-02	0.013611	0.001166	4.08E-06	0.000935	0.015716
1427	495361.06	3858401.99	0.38384	0.81097	0.44186	0.42588	8.76E-03	0.00086	6.7E-06	0.00136	0.01099	1.16E-02	0.001143	5.41E-06	0.000845	1.36E-02	0.013421	0.001155	4E-06	0.000933	0.015512
1428	495411.06	3858401.99	0.38042	0.80791	0.43922	0.42575	8.68E-03	0.00086	6.6E-06	0.00136	0.01091	1.15E-02	0.001138	5.38E-06	0.000845	1.35E-02	0.013301	0.001151	3.97E-06	0.000932	0.015388
1429	495461.06	3858401.99	0.37774	0.80586	0.43891	0.42598	8.62E-03	0.00086	6.6E-06	0.00136	0.01085	1.14E-02	0.001135	5.37E-06	0.000846	1.34E-02	0.013208	0.001148	3.97E-06	0.000933	0.015292
1430	495511.06	3858401.99	0.3743	0.80081	0.43654	0.42579	8.54E-03	0.00085	6.6E-06	0.00136	0.01076	1.13E-02	0.001128	5.34E-06	0.000845	1.33E-02	0.013087	0.00114	3.95E-06	0.000932	0.015164
1431	495561.06	3858401.99	0.3691	0.7812	0.41991	0.42369	8.42E-03	0.00083	6.3E-06	0.00135	0.01062	1.11E-02	0.001101	5.14E-06	0.000841	1.31E-02	0.012906	0.001113	3.8E-06	0.000928	0.01495
1432	495611.06	3858401.99	0.36593	0.77446	0.41915	0.42366	8.35E-03	0.00083	6.3E-06	0.00135	0.01054	1.10E-02	0.001091	5.13E-06	0.000841	1.30E-02	0.012795	0.001103	3.79E-06	0.000928	0.014829
1433	495661.06	3858401.99	0.36567	0.78478	0.43513	0.42595	8.34E-03	0.00084	6.6E-06	0.00136	0.01055	1.10E-02	0.001106	5.33E-06	0.000845	1.30E-02	0.012786	0.001118	3.94E-06	0.000933	0.01484
1434	494311.06	3858451.99	0.65438	0.90852	0.87986	0.48243	1.49E-02	0.00097	1.3E-05	0.00154	0.01746	1.97E-02	0.00128	1.08E-05	0.000958	2.20E-02	0.02288	0.001294	7.96E-06	0.001056	0.025239
1435	494361.06	3858451.99	0.63233	0.87362	0.8577	0.47932	1.44E-02	0.00093	1.3E-05	0.00153	0.01691	1.91E-02	0.001231	1.05E-05	0.000951	2.13E-02	0.022109	0.001244	7.76E-06	0.00105	0.024411
1436	494411.06	3858451.99	0.61417	0.84151	0.84039	0.47699	1.40E-02	0.0009	1.3E-05	0.00152	0.01645	1.85E-02	0.001186	1.03E-05	0.000947	2.07E-02	0.021474	0.001198	7.6E-06	0.001044	0.023725
1437	494461.06	3858451.99	0.60607	0.81805	0.82626	0.47521	1.38E-02	0.00087	1.2E-05	0.00152	0.01623	1.83E-02	0.001153	1.01E-05	0.000943	2.04E-02	0.021191	0.001165	7.47E-06	0.001041	0.023404
1438	494511.06	3858451.99	0.60447	0.83221	0.82151	0.47505	1.38E-02	0.00089	1.2E-05	0.00152	0.01621	1.82E-02	0.001173	1.01E-05	0.000943	2.04E-02	0.021135	0.001185	7.43E-06	0.00104	0.023368
1439	494561.06	3858451.99	0.59096	0.83738	0.79983	0.4721	1.35E-02	0.00089	1.2E-05	0.00151	0.0159	1.78E-02	0.00118	9.79E-06	0.000937	2.00E-02	0.020663	0.001193	7.24E-06	0.001034	0.022896
1440	494611.06	3858451.99	0.58267	0.84623	0.78567	0.4704	1.33E-02	0.0009	1.2E-05	0.0015	0.01571	1.76E-02	0.001192	9.62E-06	0.000934	1.97E-02	0.020373	0.001205	7.11E-06	0.00103	0.022615
1441	494661.06	3858451.99	0.57279	0.85375	0.76936	0.46834	1.31E-02	0.00091	1.2E-05	0.0015	0.01549	1.73E-02	0.001203	9.42E-06	0.00093	1.94E-02	0.020028	0.001216	6.96E-06	0.001026	0.022276
1442	494711.06	3858451.99	0.55763	0.85642	0.74571	0.46506	1.27E-02	0.00091	1.1E-05	0.00149	0.01514	1.68E-02	0.001207	9.13E-06	0.000923	1.90E-02	0.019498	0.00122	6.75E-06	0.001018	0.021742
1443	494761.06	3858451.99	0.54204	0.85794	0.72164	0.46172	1.24E-02	0.00091	1.1E-05	0.00148	0.01477	1.64E-02	0.001209	8.83E-06	0.000916	1.85E-02	0.018952	0.001222	6.53E-06	0.001011	0.021192
1444	494811.06	3858451.99	0.53093	0.86265	0.70407	0.45946	1.21E-02	0.00092	1.1E-05	0.00147	0.01451	1.60E-02	0.001215	8.62E-06	0.000912	1.82E-02	0.018564	0.001229	6.37E-06	0.001006	0.020805
1445	494861.06	3858451.99	0.51734	0.86413	0.68315	0.45654	1.18E-02	0.00092	1E-05	0.00146	0.0142	1.56E-02	0.001218	8.36E-06	0.000906	1.77E-02	0.018089	0.001231	6.18E-06	0.001	0.020325
1446	494911.06	3858451.99	0.49386	0.86245	0.64976	0.45121	1.13E-02	0.00092	9.8E-06	0.00144	0.01364	1.49E-02	0.001215	7.95E-06	0.000896	1.70E-02	0.017268	0.001228	5.88E-06	0.000988	0.01949
1447	494961.06	3858451.99	0.48459	0.85881	0.63398	0.44924	1.11E-02	0.00091	9.6E-06	0.00144	0.01342	1.46E-02	0.00121	7.76E-06	0.000892	1.67E-02	0.016944	0.001223	5.74E-06	0.000984	0.019156
1448	495011.06	3858451.99	0.46688	0.85268	0.60777	0.44513	1.07E-02	0.00091	9.2E-06	0.00142	0.013	1.41E-02	0.001201	7.44E-06	0.000884	1.62E-02	0.016324	0.001214	5.5E-06	0.000975	0.018519
1449	495061.06	3858451.99	0.46152	0.85787	0.59879	0.44421	1.05E-02	0.00091	9E-06	0.00142	0.01288	1.39E-02	0.001209	7.33E-06	0.000882	1.60E-02	0.016137	0.001222	5.42E-06	0.000973	0.018337
1450	495111.06	3858451.99	0.44445	0.84999	0.57377	0.44022	1.01E-02	0.00091	8.6E-06	0.00141	0.01246	1.34E-02	0.001198	7.02E-06	0.000874	1.55E-02	0.01554	0.001211	5.19E-06	0.000964	0.01772
1451	495161.06	3858451.99	0.42884	0.83755	0.54527	0.43558	9.79E-03	0.00089	8.2E-06	0.00139	0.01208	1.29E-02	0.00118	6.67E-06	0.000865	1.50E-02	0.014994	0.001193	4.93E-06	0.000954	0.017146
1452	495211.06	3858451.99	0.41889	0.82636	0.52046	0.43166	9.56E-03	0.00088	7.8E-06	0.00138	0.01183	1.26E-02	0.001164	6.37E-06	0.000857	1.47E-02	0.014646	0.001177	4.71E-06	0.000945	0.016773
1453	495261.06	3858451.99	0.41221	0.8223	0.50623	0.42961	9.41E-03	0.00088	7.6E-06	0.00137	0.01166	1.24E-02	0.001159	6.2E-06	0.000853	1.45E-02	0.014413	0.001171	4.58E-06	0.000941	0.016529
1454	495311.06	3858451.99	0.40653	0.8197	0.49533	0.4282	9.28E-03	0.00087	7.5E-06	0.00137	0.01153	1.23E-02	0.001155	6.06E-06	0.00085	1.43E-02	0.014214	0.001167	4.48E-06	0.000938	0.016324
1455	495361.06	3858451.99	0.40159	0.81822	0.48696	0.42716	9.16E-03	0.00087	7.3E-06	0.00137	0.01141	1.21E-02	0.001153	5.96E-06	0.000848	1.41E-02	0.014042	0.001165	4.41E-06	0.000935	0.016147
1456	495411.06	3858451.99	0.39885	0.82146	0.48558	0.42745	9.10E-03	0.00088	7.3E-06	0.00137	0.01135	1.20E-02	0.001157	5.94E-06	0.000848	1.40E-02	0.013946	0.00117	4.39E-06	0.000936	0.016056
1457	495461.06	3858451.99	0.39653	0.82487	0.48576	0.42805	9.05E-03	0.00088	7.3E-06	0.00137	0.0113	1.20E-02	0.001162	5.95E-06	0.00085	1.40E-02	0.013865	0.001175	4.39E-06	0.000937	0.015981
1458	495511.06	3858451.99	0.39052	0.81784	0.47482	0.42651	8.91E-03	0.00087	7.2E-06	0.00136	0.01115	1.18E-02	0.001152	5.81E-06	0.000847	1.38E-02	0.013655	0.001165	4.3E-06	0.000934	0.015757
1459	495561.06	3858451.99	0.3901	0.82448	0.48138	0.42814	8.90E-03	0.00088	7.3E-06	0.00137	0.01116	1.18E-02	0.001162	5.89E-06	0.00085	1.38E-02	0.01364	0.001174	4.35E-06	0.000937	0.015756
1460	495611.06	3858451.99	0.38289	0.81215	0.46693	0.42579	8.74E-03	0.00087	7E-06	0.00136	0.01097	1.16E-02	0.001144	5.71E-06	0.000845	1.36E-02	0.013388	0.001157	4.22E-06	0.000932	0.015481

1461	495661.06	3858451.99	0.38102	0.8131	0.46933	0.42658		8.70E-03	0.00087	7.1E-06	0.00136	0.01093		1.15E-02	0.001146	5.74E-06	0.000847	1.35E-02		0.013322	0.001158	4.25E-06	0.000934	0.015419	
1462	494311.06	3858501.99	0.69196	0.96047	0.91102	0.47886		1.58E-02	0.00102	1.4E-05	0.00153	0.01836		2.09E-02	0.001353	1.12E-05	0.00095	2.32E-02		0.024194	0.001368	8.24E-06	0.001049	0.026619	
1463	494361.06	3858501.99	0.6755	0.94483	0.90148	0.47768		1.54E-02	0.00101	1.4E-05	0.00153	0.01796		2.04E-02	0.001331	1.1E-05	0.000948	2.27E-02		0.023619	0.001346	8.16E-06	0.001046	0.026019	
1464	494411.06	3858501.99	0.65729	0.92286	0.88785	0.47595		1.50E-02	0.00098	1.3E-05	0.00152	0.01752		1.98E-02	0.0013	1.09E-05	0.000945	2.21E-02		0.022982	0.001314	8.03E-06	0.001042	0.025347	
1465	494461.06	3858501.99	0.64428	0.90704	0.88336	0.47575		1.47E-02	0.00097	1.3E-05	0.00152	0.0172		1.94E-02	0.001278	1.08E-05	0.000944	2.17E-02		0.022527	0.001292	7.99E-06	0.001042	0.024869	
1466	494511.06	3858501.99	0.62328	0.87178	0.85969	0.47239		1.42E-02	0.00093	1.3E-05	0.00151	0.01668		1.88E-02	0.001228	1.05E-05	0.000938	2.10E-02		0.021793	0.001242	7.78E-06	0.001034	0.024077	
1467	494561.06	3858501.99	0.63454	0.86843	0.87317	0.47523		1.45E-02	0.00093	1.3E-05	0.00152	0.01694		1.92E-02	0.001224	1.07E-05	0.000943	2.13E-02		0.022187	0.001237	7.9E-06	0.001041	0.024472	
1468	494611.06	3858501.99	0.62281	0.83374	0.85355	0.47262		1.42E-02	0.00089	1.3E-05	0.00151	0.01663		1.88E-02	0.001175	1.04E-05	0.000938	2.09E-02		0.021777	0.001187	7.72E-06	0.001035	0.024006	
1469	494661.06	3858501.99	0.61811	0.80688	0.84412	0.4717		1.41E-02	0.00086	1.3E-05	0.00151	0.01649		1.87E-02	0.001137	1.03E-05	0.000936	2.07E-02		0.021612	0.001149	7.64E-06	0.001033	0.023802	
1470	494711.06	3858501.99	0.60254	0.78583	0.8192	0.46819		1.38E-02	0.00084	1.2E-05	0.0015	0.0161		1.82E-02	0.001107	1E-05	0.000929	2.02E-02		0.021068	0.001119	7.41E-06	0.001025	0.02322	
1471	494761.06	3858501.99	0.58355	0.78828	0.78956	0.464		1.33E-02	0.00084	1.2E-05	0.00148	0.01565		1.76E-02	0.001111	9.66E-06	0.000921	1.97E-02		0.020404	0.001123	7.14E-06	0.001016	0.02255	
1472	494811.06	3858501.99	0.56657	0.7915	0.76291	0.46029		1.29E-02	0.00084	1.1E-05	0.00147	0.01526		1.71E-02	0.001115	9.34E-06	0.000914	1.91E-02		0.01981	0.001127	6.9E-06	0.001008	0.021952	
1473	494861.06	3858501.99	0.55698	0.79992	0.74696	0.45839		1.27E-02	0.00085	1.1E-05	0.00147	0.01504		1.68E-02	0.001127	9.14E-06	0.00091	1.89E-02		0.019475	0.001139	6.76E-06	0.001004	0.021624	
1474	494911.06	3858501.99	0.53075	0.79458	0.70765	0.45248		1.21E-02	0.00085	1.1E-05	0.00145	0.01442		1.60E-02	0.00112	8.66E-06	0.000898	1.80E-02		0.018558	0.001132	6.4E-06	0.000991	0.020686	
1475	494961.06	3858501.99	0.52086	0.80123	0.69163	0.45046		1.19E-02	0.00085	1E-05	0.00144	0.01419		1.57E-02	0.001129	8.46E-06	0.000894	1.78E-02		0.018212	0.001141	6.26E-06	0.000986	0.020346	
1476	495011.06	3858501.99	0.49966	0.79752	0.65987	0.44576		1.14E-02	0.00085	9.9E-06	0.00143	0.01369		1.51E-02	0.001124	8.08E-06	0.000885	1.71E-02		0.017471	0.001136	5.97E-06	0.000976	0.019588	
1477	495061.06	3858501.99	0.49425	0.80657	0.65037	0.44484		1.13E-02	0.00086	9.8E-06	0.00142	0.01357		1.49E-02	0.001136	7.96E-06	0.000883	1.69E-02		0.017281	0.001149	5.88E-06	0.000974	0.01941	
1478	495111.06	3858501.99	0.46667	0.7943	0.6101	0.43832		1.06E-02	0.00085	9.2E-06	0.0014	0.01291		1.41E-02	0.001119	7.47E-06	0.00087	1.61E-02		0.016317	0.001131	5.52E-06	0.00096	0.018414	
1479	495161.06	3858501.99	0.45131	0.7919	0.58704	0.43485		1.03E-02	0.00084	8.8E-06	0.00139	0.01254		1.36E-02	0.001116	7.18E-06	0.000863	1.56E-02		0.01578	0.001128	5.31E-06	0.000952	0.017865	
1480	495211.06	3858501.99	0.43639	0.78877	0.56476	0.43157		9.96E-03	0.00084	8.5E-06	0.00138	0.01219		1.32E-02	0.001111	6.91E-06	0.000857	1.51E-02		0.015258	0.001123	5.11E-06	0.000945	0.017332	
1481	495261.06	3858501.99	0.4273	0.79	0.55063	0.42968		9.75E-03	0.00084	8.3E-06	0.00137	0.01197		1.29E-02	0.001113	6.74E-06	0.000853	1.49E-02		0.014941	0.001125	4.98E-06	0.000941	0.017011	
1482	495311.06	3858501.99	0.4239	0.79622	0.54441	0.42924		9.67E-03	0.00085	8.2E-06	0.00137	0.0119		1.28E-02	0.001122	6.66E-06	0.000852	1.48E-02		0.014822	0.001134	4.93E-06	0.00094	0.0169	
1483	495361.06	3858501.99	0.42087	0.80195	0.53878	0.42891		9.60E-03	0.00085	8.1E-06	0.00137	0.01184		1.27E-02	0.00113	6.59E-06	0.000851	1.47E-02		0.014716	0.001142	4.87E-06	0.000939	0.016802	
1484	495411.06	3858501.99	0.4203	0.80927	0.53661	0.42913		9.59E-03	0.00086	8.1E-06	0.00137	0.01183		1.27E-02	0.00114	6.57E-06	0.000852	1.47E-02		0.014696	0.001153	4.85E-06	0.00094	0.016793	
1485	495461.06	3858501.99	0.41977	0.81586	0.53456	0.42947		9.58E-03	0.00087	8.1E-06	0.00137	0.01183		1.27E-02	0.001149	6.54E-06	0.000852	1.47E-02		0.014677	0.001162	4.84E-06	0.00094	0.016784	
1486	495511.06	3858501.99	0.41645	0.81836	0.52875	0.42902		9.50E-03	0.00087	8E-06	0.00137	0.01176		1.26E-02	0.001153	6.47E-06	0.000852	1.46E-02		0.014561	0.001165	4.78E-06	0.000939	0.016671	
1487	495561.06	3858501.99	0.4216	0.82909	0.53467	0.43079		9.62E-03	0.00088	8.1E-06	0.00138	0.01189		1.27E-02	0.001168	6.54E-06	0.000855	1.48E-02		0.014741	0.001181	4.84E-06	0.000943	0.01687	
1488	495611.06	3858501.99	0.40575	0.82215	0.5197	0.42895		9.26E-03	0.00088	7.8E-06	0.00137	0.01151		1.22E-02	0.001158	6.36E-06	0.000851	1.43E-02		0.014187	0.001171	4.7E-06	0.000939	0.016302	
1489	495661.06	3858501.99	0.41567	0.82984	0.52445	0.43		9.49E-03	0.00088	7.9E-06	0.00137	0.01175		1.25E-02	0.001169	6.42E-06	0.000854	1.46E-02		0.014534	0.001182	4.74E-06	0.000942	0.016662	
1490	494311.06	3858551.99	0.70202	0.98884	0.89002	0.46572		1.60E-02	0.00105	1.3E-05	0.00149	0.01858		2.12E-02	0.001393	1.09E-05	0.000924	2.35E-02		0.024546	0.001408	8.05E-06	0.00102	0.026982	
1491	494361.06	3858551.99	0.70578	0.98129	0.91885	0.47064		1.61E-02	0.00105	1.4E-05	0.0015	0.01867		2.13E-02	0.001383	1.12E-05	0.000934	2.36E-02		0.024678	0.001398	8.31E-06	0.001031	0.027114	
1492	494411.06	3858551.99	0.71057	0.98367	0.94467	0.47693		1.62E-02	0.00105	1.4E-05	0.00152	0.0188		2.14E-02	0.001386	1.16E-05	0.000947	2.38E-02		0.024845	0.001401	8.55E-06	0.001044	0.027299	
1493	494461.06	3858551.99	0.70184	0.98532	0.95131	0.47843		1.60E-02	0.00105	1.4E-05	0.00153	0.01861		2.12E-02	0.001388	1.16E-05	0.00095	2.35E-02		0.02454	0.001403	8.61E-06	0.001048	0.026999	
1494	494511.06	3858551.99	0.68652	0.97301	0.94464	0.47771		1.57E-02	0.00104	1.4E-05	0.00153	0.01825		2.07E-02	0.001371	1.16E-05	0.000948	2.31E-02		0.024004	0.001386	8.55E-06	0.001046	0.026444	
1495	494561.06	3858551.99	0.67316	0.96093	0.94103	0.47761		1.54E-02	0.00102	1.4E-05	0.00153	0.01793		2.03E-02	0.001354	1.15E-05	0.000948	2.26E-02		0.023537	0.001369	8.51E-06	0.001046	0.02596	
1496	494611.06	3858551.99	0.6657	0.93897	0.9286	0.47608		1.52E-02	0.001	1.4E-05	0.00152	0.01773		2.01E-02	0.001323	1.14E-05	0.000945	2.24E-02		0.023276	0.001337	8.4E-06	0.001042	0.025664	
1497	494661.06	3858551.99	0.6609	0.91706	0.91855	0.47505		1.51E-02	0.00098	1.4E-05	0.00152	0.01759		1.99E-02	0.001292	1.12E-05	0.000943	2.22E-02		0.023108	0.001306	8.31E-06	0.00104	0.025463	
1498	494711.06	3858551.99	0.6429	0.87667	0.8895	0.47082		1.47E-02	0.00093	1.3E-05	0.00151	0.01712		1.94E-02	0.001235	1.09E-05	0.000935	2.16E-02		0.022479	0.001249	8.05E-06	0.001031	0.024766	
1499	494761.06	3858551.99	0.625	0.83495	0.86076	0.46666		1.43E-02	0.00089	1.3E-05	0.00149	0.01666		1.89E-02	0.001176	1.05E-05	0.000926	2.10E-02		0.021853	0.001189	7.79E-06	0.001022	0.024072	
1500	494811.06	3858551.99	0.61302	0.79983	0.84065	0.46406		1.40E-02	0.00085	1.3E-05	0.00148	0.01634		1.85E-02	0.001127	1.03E-05	0.000921	2.06E-02		0.021434	0.001139	7.61E-06	0.001016	0.023597	
1501	494861.06	3858551.99	0.59461	0.75619	0.81146	0.45993		1.36E-02	0.00081	1.2E-05	0.00147	0.01586		1.79E-02	0.001065	9.93E-06	0.000913	1.99E-02		0.020791	0.001077	7.34E-06	0.001007	0.022882	
1502	494911.06	3858551.99	0.57227	0.72312	0.77675	0.45499		1.31E-02	0.00077	1.2E-05	0.00145	0.0153		1.73E-02	0.001019	9.51E-06	0.000903	1.92E-02		0.020009	0.00103	7.03E-06	0.000996	0.022043	
1503	494961.06	3858551.99	0.5563	0.72818	0.75136	0.45153		1.27E-02	0.00078	1.1E-05	0.00144	0.01493		1.68E-02	0.001026	9.2E-06	0.000896	1.87E-02		0.019451	0.001037	6.8E-06	0.000989	0.021484	
1504	495011.06	3858551.99	0.53345	0.72756	0.7164	0.44644		1.22E-02	0.00078	1.1E-05	0.00143	0.01439		1.61E-02	0.001025	8.77E-06	0.000886	1.80E-02		0.018652	0.001036	6.48E-06	0.000978	0.020672	
1505	495061.06	3858551.99	0.52253	0.73486	0.69862	0.44424		1.19E-02	0.00078	1.1E-05	0.00142	0.01414		1.58E-02	0.001035	8.55E-06	0.000882	1.77E-02		0.01827	0.001047	6.32E-06	0.000973	0.020296	
1506	495111.06	3858551.99	0.49457	0.728	0.65694	0.43786		1.13E-02	0.00078	9.9E-06	0.0014	0.01347		1.49E-02	0.001026	8.04E-06	0.000869	1.68E-02		0.017293	0.001037	5.94E-06	0.000959	0.019294	
1507	495161.06	3858551.99	0.47889	0.72968	0.63282	0.43435		1.09E-02	0.00078	9.5E-06	0.00139	0.0131		1.45E-02	0.001028	7.75E-06	0.000862	1.64E-02		0.016744	0.001039	5.72E-06	0.000951	0.01874	
1508	495211.06	3858551.99	0.46584	0.73239	0.61254	0.43149		1.06E-02	0.00078	9.2E-06	0.00138	0.0128		1.41E-02	0.001032	7.5E-06	0.000856	1.60E-02		0.016288	0.001043	5.54E-06	0.000945	0.018281	
1509	495261.06	3858551.99	0.4584	0.73932	0.60024	0.43015		1.05E-02	0.00079	9E-06	0.00138	0.01263		1.38E-02	0.001042	7.35E-06	0.000854	1.57E-02		0.016028	0.001053	5.43E-06	0.000942	0.018028	
1510	495311.06	3858551.99	0.45735	0.75127	0.59692	0.43038		1.04E-02	0.0008	9E-06	0.00138	0.01262		1.38E-02	0.001058	7.31E-06	0.000854	1.57E-02		0.015991	0.00107	5.4E-06	0.000942	0.018009	
1511	495361.06	3858551.99	0.45477	0.76112	0.59152	0.43012		1.04E-02	0.00081	8.9E-06	0.00138	0.01257		1.37E-02	0.001072	7.24E-06	0.000854	1.57E-02		0.015901	0.001084	5.35E-06	0.000942	0.017932	
1512	495411.06	3858551.99	0.45637	0.77434	0.59196	0.43095		1.04E-02	0.00082	8.9E-06	0.00138	0.01263		1.38E-02	0.001091	7.25E-06	0.000855	1.57E-02		0.015957	0.001103	5.36E-06	0.000944	0.018009	
1513	495461.06	3858551.99	0.45501	0.78392	0.58837	0.43106		1.04E-02	0.00084	8.9E-06	0.00138	0.01261		1.37E-02	0.001104	7.2E-06	0.000856	1.57E-02		0.015909	0.001116	5.32E-06	0.000944	0.017975	
1514	495511.06	3858551.99	0.4569	0.79586	0.58932	0.43204		1.04E-02	0.00085	8.9E-06	0.00138	0.01266		1.38E-02	0.001121	7.21E-06	0.000858	1.58E-02		0.015975	0.001133	5.33E-06	0.000946	0.01806	
1515	495561.06	3858551.99	0.45525	0.80359	0.58544	0.43206		1.04E-02	0.00086	8.8E-06	0.00138	0.01264		1.37E-02	0.001132	7.17E-06	0.000858	1.57E-02		0.015918	0.001144	5.3E-06	0.000946	0.018014	
1516	495611.06	3858551.99	0.45174	0.80852	0.57909	0.43166		1.03E-02	0.00086	8.7E-06	0.00138	0.01256		1.36E-02	0.001139	7.09E-06	0.000857	1.56E-02		0.015795	0.001151	5.24E-06	0.000945	0.017897	
1517	495661.06	3858551.99	0.44701	0.8114	0.57115	0.43095		1.02E-02	0.00086	8.6E-06	0.00138	0.01245		1.35E-02	0.001143	6.99E-06	0.000855	1.55E-02		0.01563	0.001156	5.17E-06	0.000944	0.017734	
1518	494311.06	3858601.99	0.67071	1.02944	0.78384	0.45899		1.53E-02	0.0011	1.2E-05	0.00147	0.01788		2.02E-02	0.00145	9.59E-06	0.000911	2.26E-02		0.023451	0.001466	7.09E-06	0.001005	0.02593	
1519	494361.06	3858601.99	0.73096	1.11841	0.91011	0.47433		1.67E-02	0.00119	1.4E-05	0.00152	0.0194		2.21E-02	0.001576	1.11E-05	0.000941	2.46E-02		0.025558	0.001593	8.23E-06	0.001039	0.028198	
1520	494411.06	3858601.99	0.77431	1.18822	1.00834	0.50746		1.77E-02	0.00127	1.5E-05	0.00162	0.02057		2.34E-02	0.001674	1.23E-05	0.001007	2.61E-02		0.027074	0.001692	9.12E-06	0.001111	0.029886	
1521	494461.06	3858601.99	0.76415	1.1553	1.01597	0.50862		1.74E-02	0.00123	1.5E-05	0.00163	0.02031		2.31E-02	0.001628	1.24E-05	0.00101	2.57E-02		0.026718	0.001645	9.19E-06	0.001114	0.029487	

1522	494511.06	3858601.99	0.74161	1.09836	0.99481	0.48545		1.69E-02	0.00117	1.5E-05	0.00155	0.01966		2.24E-02	0.001548	1.22E-05	0.000964	2.49E-02		0.02593	0.001564	9E-06	0.001063	0.028567						
1523	494561.06	3858601.99	0.73652	1.076	1.01535	0.504		1.68E-02	0.00115	1.5E-05	0.00161	0.01958		2.22E-02	0.001516	1.24E-05	0.001	2.48E-02		0.025752	0.001532	9.19E-06	0.001104	0.028398						
1524	494611.06	3858601.99	0.7135	1.02169	0.99527	0.49255		1.63E-02	0.00109	1.5E-05	0.00157	0.01896		2.15E-02	0.001439	1.22E-05	0.000978	2.40E-02		0.024947	0.001455	9E-06	0.001079	0.02749						
1525	494661.06	3858601.99	0.69565	0.99402	0.98406	0.4855		1.59E-02	0.00106	1.5E-05	0.00155	0.0185		2.10E-02	0.001401	1.2E-05	0.000964	2.34E-02		0.024323	0.001416	8.9E-06	0.001063	0.026811						
1526	494711.06	3858601.99	0.68041	0.96397	0.95855	0.47353		1.55E-02	0.00103	1.4E-05	0.00151	0.01808		2.05E-02	0.001358	1.17E-05	0.00094	2.28E-02		0.02379	0.001373	8.67E-06	0.001037	0.026209						
1527	494761.06	3858601.99	0.66489	0.93139	0.93272	0.46977		1.52E-02	0.00099	1.4E-05	0.0015	0.01768		2.01E-02	0.001312	1.14E-05	0.000932	2.23E-02		0.023248	0.001326	8.44E-06	0.001029	0.025611						
1528	494811.06	3858601.99	0.63638	0.88037	0.88808	0.46294		1.45E-02	0.00094	1.3E-05	0.00148	0.01695		1.92E-02	0.00124	1.09E-05	0.000919	2.14E-02		0.022251	0.001254	8.03E-06	0.001014	0.024526						
1529	494861.06	3858601.99	0.62558	0.8498	0.86935	0.46046		1.43E-02	0.00091	1.3E-05	0.00147	0.01667		1.89E-02	0.001197	1.06E-05	0.000914	2.10E-02		0.021873	0.00121	7.86E-06	0.001008	0.0241						
1530	494911.06	3858601.99	0.59942	0.80618	0.82846	0.45432		1.37E-02	0.00086	1.2E-05	0.00145	0.016		1.81E-02	0.001136	1.01E-05	0.000902	2.01E-02		0.020959	0.001148	7.49E-06	0.000995	0.023109						
1531	494961.06	3858601.99	0.58364	0.7867	0.80276	0.4508		1.33E-02	0.00084	1.2E-05	0.00144	0.01561		1.76E-02	0.001108	9.83E-06	0.000895	1.96E-02		0.020407	0.00112	7.26E-06	0.000987	0.022522						
1532	495011.06	3858601.99	0.56657	0.76705	0.7753	0.44704		1.29E-02	0.00082	1.2E-05	0.00143	0.01519		1.71E-02	0.001081	9.49E-06	0.000887	1.91E-02		0.01981	0.001092	7.01E-06	0.000979	0.021888						
1533	495061.06	3858601.99	0.54823	0.7472	0.74617	0.44307		1.25E-02	0.0008	1.1E-05	0.00142	0.01473		1.65E-02	0.001053	9.13E-06	0.000879	1.85E-02		0.019169	0.001064	6.75E-06	0.00097	0.02121						
1534	495111.06	3858601.99	0.51768	0.72685	0.69982	0.43613		1.18E-02	0.00077	1.1E-05	0.00139	0.01399		1.56E-02	0.001024	8.57E-06	0.000866	1.75E-02		0.018101	0.001035	6.33E-06	0.000955	0.020097						
1535	495161.06	3858601.99	0.50493	0.65523	0.6792	0.43338		1.15E-02	0.0007	1E-05	0.00139	0.01362		1.52E-02	0.000923	8.31E-06	0.00086	1.70E-02		0.017655	0.000933	6.14E-06	0.000949	0.019543						
1536	495211.06	3858601.99	0.49891	0.66633	0.66831	0.43233		1.14E-02	0.00071	1E-05	0.00138	0.01349		1.51E-02	0.000939	8.18E-06	0.000858	1.69E-02		0.017444	0.000949	6.05E-06	0.000947	0.019346						
1537	495261.06	3858601.99	0.49076	0.67546	0.65448	0.43085		1.12E-02	0.00072	9.9E-06	0.00138	0.01331		1.48E-02	0.000952	8.01E-06	0.000855	1.66E-02		0.017159	0.000962	5.92E-06	0.000943	0.019071						
1538	495311.06	3858601.99	0.48642	0.68697	0.64613	0.43024		1.11E-02	0.00073	9.7E-06	0.00138	0.01322		1.47E-02	0.000968	7.91E-06	0.000854	1.65E-02		0.017008	0.000978	5.85E-06	0.000942	0.018934						
1539	495361.06	3858601.99	0.48655	0.70172	0.64413	0.43075		1.11E-02	0.00075	9.7E-06	0.00138	0.01324		1.47E-02	0.000989	7.88E-06	0.000855	1.65E-02		0.017012	0.000999	5.83E-06	0.000943	0.018961						
1540	495411.06	3858601.99	0.48654	0.71586	0.64198	0.43123		1.11E-02	0.00076	9.7E-06	0.00138	0.01325		1.47E-02	0.001009	7.86E-06	0.000856	1.66E-02		0.017012	0.001019	5.81E-06	0.000944	0.018981						
1541	495461.06	3858601.99	0.48768	0.73051	0.64147	0.43199		1.11E-02	0.00078	9.7E-06	0.00138	0.0133		1.47E-02	0.001029	7.85E-06	0.000857	1.66E-02		0.017052	0.00104	5.8E-06	0.000946	0.019044						
1542	495511.06	3858601.99	0.48221	0.73915	0.63177	0.43112		1.10E-02	0.00079	9.5E-06	0.00138	0.01318		1.46E-02	0.001041	7.73E-06	0.000856	1.65E-02		0.01686	0.001053	5.72E-06	0.000944	0.018863						
1543	495561.06	3858601.99	0.48589	0.75476	0.6349	0.43254		1.11E-02	0.0008	9.6E-06	0.00138	0.01328		1.47E-02	0.001063	7.77E-06	0.000859	1.66E-02		0.016989	0.001075	5.74E-06	0.000947	0.019017						
1544	495611.06	3858601.99	0.47794	0.75978	0.62191	0.43102		1.09E-02	0.00081	9.4E-06	0.00138	0.0131		1.44E-02	0.00107	7.61E-06	0.000856	1.64E-02		0.016711	0.001082	5.63E-06	0.000944	0.018743						
1545	495661.06	3858601.99	0.47948	0.77215	0.62218	0.43184		1.09E-02	0.00082	9.4E-06	0.00138	0.01315		1.45E-02	0.001088	7.61E-06	0.000857	1.64E-02		0.016765	0.0011	5.63E-06	0.000946	0.018816						
1546	494311.06	3858651.99	0.68976	1.13491	0.76126	0.46766		1.57E-02	0.00121	1.1E-05	0.0015	0.01846		2.08E-02	0.001599	9.32E-06	0.000928	2.34E-02		0.024117	0.001616	6.89E-06	0.001024	0.026765						
1547	494361.06	3858651.99	0.75156	1.23971	0.88269	0.48296		1.72E-02	0.00132	1.3E-05	0.00154	0.02003		2.27E-02	0.001747	1.08E-05	0.000959	2.54E-02		0.026278	0.001766	7.99E-06	0.001058	0.029109						
1548	494411.06	3858651.99	0.82191	1.37185	1.02981	0.52197		1.88E-02	0.00146	1.6E-05	0.00167	0.0219		2.48E-02	0.001933	1.26E-05	0.001036	2.78E-02		0.028738	0.001954	9.32E-06	0.001143	0.031844						
1549	494461.06	3858651.99	0.82322	1.37121	1.05754	0.54442		1.88E-02	0.00146	1.6E-05	0.00174	0.022		2.48E-02	0.001932	1.29E-05	0.001081	2.79E-02		0.028784	0.001953	9.57E-06	0.001192	0.031938						
1550	494511.06	3858651.99	0.80627	1.32557	1.05561	0.53996		1.84E-02	0.00141	1.6E-05	0.00173	0.02155		2.43E-02	0.001868	1.29E-05	0.001072	2.73E-02		0.028191	0.001888	9.55E-06	0.001182	0.031271						
1551	494561.06	3858651.99	0.79319	1.28706	1.06039	0.5392		1.81E-02	0.00137	1.6E-05	0.00172	0.02121		2.39E-02	0.001813	1.3E-05	0.00107	2.68E-02		0.027734	0.001833	9.59E-06	0.001181	0.030757						
1552	494611.06	3858651.99	0.7765	1.24125	1.05731	0.53472		1.77E-02	0.00132	1.6E-05	0.00171	0.02077		2.34E-02	0.001749	1.29E-05	0.001061	2.63E-02		0.02715	0.001768	9.57E-06	0.001171	0.030098						
1553	494661.06	3858651.99	0.75394	1.18435	1.04136	0.52414		1.72E-02	0.00126	1.6E-05	0.00168	0.02016		2.28E-02	0.001669	1.27E-05	0.00104	2.55E-02		0.026361	0.001687	9.42E-06	0.001148	0.029205						
1554	494711.06	3858651.99	0.72555	1.11788	1.01224	0.50755		1.66E-02	0.00119	1.5E-05	0.00162	0.01939		2.19E-02	0.001575	1.24E-05	0.001007	2.45E-02		0.025369	0.001592	9.16E-06	0.001111	0.028081						
1555	494761.06	3858651.99	0.70237	1.06164	0.99218	0.49569		1.60E-02	0.00113	1.5E-05	0.00158	0.01876		2.12E-02	0.001496	1.21E-05	0.000984	2.37E-02		0.024558	0.001512	8.98E-06	0.001085	0.027165						
1556	494811.06	3858651.99	0.67173	0.99354	0.95476	0.47574		1.53E-02	0.00106	1.4E-05	0.00152	0.01792		2.03E-02	0.0014	1.17E-05	0.000944	2.26E-02		0.023487	0.001415	8.64E-06	0.001042	0.025952						
1557	494861.06	3858651.99	0.65094	0.93149	0.92117	0.46016		1.49E-02	0.00099	1.4E-05	0.00147	0.01733		1.96E-02	0.001312	1.13E-05	0.000913	2.19E-02		0.02276	0.001327	8.33E-06	0.001008	0.025103						
1558	494911.06	3858651.99	0.62652	0.88266	0.88231	0.45426		1.43E-02	0.00094	1.3E-05	0.00145	0.0167		1.89E-02	0.001244	1.08E-05	0.000902	2.11E-02		0.021906	0.001257	7.98E-06	0.000995	0.024166						
1559	494961.06	3858651.99	0.60534	0.86419	0.8483	0.44921		1.38E-02	0.00092	1.3E-05	0.00144	0.01618		1.83E-02	0.001218	1.04E-05	0.000892	2.04E-02		0.021166	0.001231	7.67E-06	0.000984	0.023388						
1560	495011.06	3858651.99	0.59092	0.8459	0.82426	0.44592		1.35E-02	0.0009	1.2E-05	0.00143	0.01582		1.78E-02	0.001192	1.01E-05	0.000885	1.99E-02		0.020661	0.001205	7.46E-06	0.000976	0.02285						
1561	495061.06	3858651.99	0.57294	0.82735	0.79514	0.44183		1.31E-02	0.00088	1.2E-05	0.00141	0.01538		1.73E-02	0.001166	9.73E-06	0.000877	1.93E-02		0.020033	0.001178	7.19E-06	0.000967	0.022186						
1562	495111.06	3858651.99	0.55017	0.8084	0.75909	0.43669		1.26E-02	0.00086	1.1E-05	0.0014	0.01482		1.66E-02	0.001139	9.29E-06	0.000867	1.86E-02		0.019237	0.001151	6.87E-06	0.000956	0.021351						
1563	495161.06	3858651.99	0.53867	0.78958	0.73963	0.43434		1.23E-02	0.00084	1.1E-05	0.00139	0.01453		1.63E-02	0.001112	9.05E-06	0.000862	1.82E-02		0.018835	0.001124	6.69E-06	0.000951	0.020917						
1564	495211.06	3858651.99	0.52335	0.77074	0.71478	0.43098		1.19E-02	0.00082	1.1E-05	0.00138	0.01415		1.58E-02	0.001086	8.75E-06	0.000855	1.77E-02		0.018299	0.001098	6.47E-06	0.000944	0.020347						
1565	495261.06	3858651.99	0.52419	0.75275	0.71337	0.43153		1.20E-02	0.0008	1.1E-05	0.00138	0.01415		1.58E-02	0.001061	8.73E-06	0.000857	1.77E-02		0.018328	0.001072	6.45E-06	0.000945	0.020352						
1566	495311.06	3858651.99	0.51973	0.73454	0.70437	0.43091		1.19E-02	0.00078	1.1E-05	0.00138	0.01403		1.57E-02	0.001035	8.62E-06	0.000855	1.76E-02		0.018172	0.001046	6.37E-06	0.000944	0.020168						
1567	495361.06	3858651.99	0.51992	0.71633	0.70209	0.43139		1.19E-02	0.00076	1.1E-05	0.00138	0.01402		1.57E-02	0.001009	8.59E-06	0.000856	1.76E-02		0.018179	0.00102	6.35E-06	0.000945	0.02015						
1568	495411.06	3858651.99	0.52243	0.69865	0.70313	0.43243		1.19E-02	0.00074	1.1E-05	0.00138	0.01406		1.58E-02	0.000984	8.61E-06	0.000858	1.76E-02		0.018267	0.000995	6.36E-06	0.000947	0.020215						
1569	495461.06	3858651.99	0.52798	0.68133	0.70849	0.43418		1.20E-02	0.00073	1.1E-05	0.00139	0.01417		1.59E-02	0.00096	8.67E-06	0.000862	1.78E-02		0.018461	0.00097	6.41E-06	0.000951	0.020388						
1570	495511.06	3858651.99	0.52074	0.67967	0.69575	0.433		1.19E-02	0.00072	1E-05	0.00138	0.014		1.57E-02	0.000958	8.52E-06	0.000859	1.75E-02		0.018208	0.000968	6.29E-06	0.000948	0.02013						
1571	495561.06	3858651.99	0.51713	0.69191	0.68823	0.43272		1.18E-02	0.00074	1E-05	0.00138	0.01393		1.56E-02	0.000975	8.42E-06	0.000859	1.74E-02		0.018081	0.000985	6.23E-06	0.000948	0.020021						
1572	495611.06	3858651.99	0.50737	0.69896	0.67213	0.43089		1.16E-02	0.00074	1E-05	0.00138	0.01371		1.53E-02	0.000985	8.23E-06	0.000855	1.72E-02		0.01774	0.000995	6.08E-06	0.000944	0.019685						
1573	495661.06	3858651.99	0.50878	0.71379	0.67182	0.43167		1.16E-02	0.00076	1E-05	0.00138	0.01376		1.54E-02	0.001006	8.22E-06	0.000857	1.72E-02		0.017789	0.001017	6.08E-06	0.000945	0.019757						
1574	494311.06	3858701.99	0.74126	1.28315	0.80248	0.48254		1.69E-02	0.00137	1.2E-05	0.00154	0.01984		2.24E-02	0.001808	9.82E-06	0.000958	2.51E-02		0.025918	0.001827	7.26E-06	0.001057	0.028809						
1575	494361.06	3858701.99	0.83269	1.46517	0.93752	0.50447		1.90E-02	0.00156	1.4E-05	0.00161	0.02219		2.51E-02	0.002064	1.15E-05	0.001001	2.82E-02		0.029115	0.002087	8.48E-06	0.001105	0.032315						
1576	494411.06	3858701.99	0.88086	1.57017	1.04752	0.55346		2.01E-02	0.00167	1.6E-05	0.00177	0.02356		2.66E-02	0.002212	1.28E-05	0.001099	2.99E-02		0.030799	0.002236	9.48E-06	0.001212	0.034257						
1577	494461.06	3858701.99	0.87464	1.55411	1.0691	0.55981		2.00E-02	0.00166	1.6E-05	0.00179	0.02342		2.64E-02	0.00219	1.31E-05	0.001111	2.97E-02		0.030582	0.002213	9.67E-06	0.001226	0.03403						
1578	494511.06	3858701.99	0.86731	1.54086	1.0848	0.57487		1.98E-02	0.00164	1.6E-05	0.00184	0.02329		2.62E-02	0.002171	1.33E-05	0.001141	2.95E-02		0.030325	0.002194	9.81E-06	0.001259	0.033788						
1579	494561.06	3858701.99	0.85086	1.499	1.08753	0.57189		1.94E-02	0.0016	1.6E-05	0.00183	0.02286		2.57E-02	0.002112	1.33E-05	0.001135	2.89E-02		0.02975	0.002135	9.84E-06	0.001252	0.033147						
1580	494611.06	3858701.99	0.81682	1.41852	1.05577	0.55127		1.86E-02	0.00151	1.6E-05	0.00176	0.02193		2.47E-02	0.001999	1.29E-05	0.001094	2.78E-02		0.02856	0.00202	9.55E-06	0.001207	0.031797						
1581	494661.06	3858701.99	0.80788	1.39065	1.0708	0.55535		1.84E-02	0.00148	1.6E-05	0.00178	0.02171		2.44E-02	0.001959	1.31E-05	0.001102	2.75E-02		0.028247	0.00198	9.69E-06	0.001216	0.031454						
1582	494711.06	3858701.99	0.74355	1.24994	0.97753	0.50372		1.70E-02	0.00133	1.5E-05	0.00161	0.01993		2.24E-02	0.001761	1.2E-05	0.001	2.52E-02		0.025998	0.00178	8.84E-06	0.001103	0.02889						

1583	494761.06	3858701.99	0.74849	1.24845	1.01625	0.52007	1.71E-02	0.00133	1.5E-05	0.00166	0.02009	2.26E-02	0.001759	1.24E-05	0.001032	2.54E-02	0.026171	0.001778	9.19E-06	0.001139	0.029097
1584	494811.06	3858701.99	0.7162	1.17389	0.98141	0.49986	1.63E-02	0.00125	1.5E-05	0.0016	0.01921	2.16E-02	0.001654	1.2E-05	0.000992	2.43E-02	0.025042	0.001672	8.88E-06	0.001095	0.027817
1585	494861.06	3858701.99	0.68954	1.11099	0.956	0.48468	1.57E-02	0.00118	1.4E-05	0.00155	0.01848	2.08E-02	0.001565	1.17E-05	0.000962	2.34E-02	0.02411	0.001582	8.65E-06	0.001061	0.026762
1586	494911.06	3858701.99	0.66596	1.05458	0.93517	0.47223	1.52E-02	0.00112	1.4E-05	0.00151	0.01785	2.01E-02	0.001486	1.14E-05	0.000937	2.25E-02	0.023285	0.001502	8.46E-06	0.001034	0.02583
1587	494961.06	3858701.99	0.62564	0.97013	0.87931	0.44539	1.43E-02	0.00103	1.3E-05	0.00142	0.01675	1.89E-02	0.001367	1.08E-05	0.000884	2.11E-02	0.021875	0.001382	7.95E-06	0.000975	0.02424
1588	495011.06	3858701.99	0.59891	0.91316	0.84882	0.44076	1.37E-02	0.00097	1.3E-05	0.00141	0.01606	1.81E-02	0.001287	1.04E-05	0.000875	2.02E-02	0.020941	0.0013	7.68E-06	0.000965	0.023214
1589	495061.06	3858701.99	0.59471	0.89686	0.84134	0.44009	1.36E-02	0.00096	1.3E-05	0.00141	0.01595	1.79E-02	0.001264	1.03E-05	0.000874	2.01E-02	0.020794	0.001277	7.61E-06	0.000964	0.023043
1590	495111.06	3858701.99	0.5705	0.87957	0.80284	0.43441	1.30E-02	0.00094	1.2E-05	0.00139	0.01536	1.72E-02	0.001239	9.83E-06	0.000862	1.93E-02	0.019948	0.001253	7.26E-06	0.000951	0.022159
1591	495161.06	3858701.99	0.56284	0.86279	0.78875	0.43283	1.28E-02	0.00092	1.2E-05	0.00138	0.01516	1.70E-02	0.001216	9.65E-06	0.000859	1.91E-02	0.01968	0.001229	7.14E-06	0.000948	0.021863
1592	495211.06	3858701.99	0.54878	0.84533	0.76524	0.42974	1.25E-02	0.0009	1.2E-05	0.00137	0.01481	1.66E-02	0.001191	9.37E-06	0.000853	1.86E-02	0.019188	0.001204	6.92E-06	0.000941	0.02134
1593	495261.06	3858701.99	0.55145	0.82824	0.76631	0.43072	1.26E-02	0.00088	1.2E-05	0.00138	0.01486	1.66E-02	0.001167	9.38E-06	0.000855	1.87E-02	0.019281	0.00118	6.93E-06	0.000943	0.021411
1594	495311.06	3858701.99	0.55421	0.81121	0.76746	0.43183	1.26E-02	0.00086	1.2E-05	0.00138	0.0149	1.67E-02	0.001143	9.39E-06	0.000857	1.87E-02	0.019378	0.001155	6.94E-06	0.000946	0.021486
1595	495361.06	3858701.99	0.5528	0.79399	0.76253	0.43191	1.26E-02	0.00085	1.1E-05	0.00138	0.01485	1.67E-02	0.001119	9.33E-06	0.000857	1.87E-02	0.019329	0.001131	6.9E-06	0.000946	0.021412
1596	495411.06	3858701.99	0.55839	0.77695	0.76775	0.43365	1.27E-02	0.00083	1.2E-05	0.00139	0.01497	1.69E-02	0.001095	9.4E-06	0.000861	1.88E-02	0.019524	0.001106	6.95E-06	0.00095	0.021587
1597	495461.06	3858701.99	0.55893	0.75939	0.76562	0.43419	1.28E-02	0.00081	1.2E-05	0.00139	0.01496	1.69E-02	0.00107	9.37E-06	0.000862	1.88E-02	0.019543	0.001081	6.93E-06	0.000951	0.021582
1598	495511.06	3858701.99	0.55529	0.74203	0.7575	0.43374	1.27E-02	0.00079	1.1E-05	0.00139	0.01486	1.68E-02	0.001045	9.27E-06	0.000861	1.87E-02	0.019416	0.001057	6.85E-06	0.00095	0.021429
1599	495561.06	3858701.99	0.54887	0.72458	0.74546	0.43277	1.25E-02	0.00077	1.1E-05	0.00138	0.01469	1.66E-02	0.001021	9.12E-06	0.000859	1.85E-02	0.019191	0.001032	6.74E-06	0.000948	0.021177
1600	495611.06	3858701.99	0.54193	0.70732	0.73276	0.43164	1.24E-02	0.00075	1.1E-05	0.00138	0.01451	1.64E-02	0.000997	8.97E-06	0.000857	1.82E-02	0.018949	0.001007	6.63E-06	0.000945	0.020908
1601	495661.06	3858701.99	0.5403	0.68988	0.72773	0.43176	1.23E-02	0.00073	1.1E-05	0.00138	0.01446	1.63E-02	0.000972	8.91E-06	0.000857	1.81E-02	0.018892	0.000982	6.58E-06	0.000945	0.020826
1602	494311.06	3858751.99	0.79801	1.40299	0.85871	0.49897	1.82E-02	0.00149	1.3E-05	0.0016	0.02131	2.41E-02	0.001977	1.05E-05	0.00099	2.71E-02	0.027902	0.001998	7.77E-06	0.001093	0.031001
1603	494361.06	3858751.99	0.90775	1.64971	0.97246	0.54205	2.07E-02	0.00176	1.5E-05	0.00173	0.02422	2.74E-02	0.002324	1.19E-05	0.001076	3.08E-02	0.031739	0.002349	8.8E-06	0.001187	0.035285
1604	494411.06	3858751.99	0.94355	1.74206	1.04994	0.58567	2.15E-02	0.00186	1.6E-05	0.00187	0.02528	2.85E-02	0.002454	1.29E-05	0.001162	3.21E-02	0.032991	0.002481	9.5E-06	0.001282	0.036764
1605	494461.06	3858751.99	0.93733	1.73607	1.07467	0.59237	2.14E-02	0.00185	1.6E-05	0.00189	0.02515	2.83E-02	0.002446	1.32E-05	0.001176	3.19E-02	0.032774	0.002472	9.72E-06	0.001297	0.036553
1606	494511.06	3858751.99	0.93413	1.7405	1.10135	0.61215	2.13E-02	0.00185	1.7E-05	0.00196	0.02515	2.82E-02	0.002452	1.35E-05	0.001215	3.19E-02	0.032662	0.002479	9.96E-06	0.00134	0.036491
1607	494561.06	3858751.99	0.91065	1.68586	1.09578	0.59073	2.08E-02	0.0018	1.7E-05	0.00189	0.02448	2.75E-02	0.002375	1.34E-05	0.001173	3.10E-02	0.031841	0.002401	9.91E-06	0.001294	0.035545
1608	494611.06	3858751.99	0.88153	1.62254	1.0765	0.57645	2.01E-02	0.00173	1.6E-05	0.00184	0.0237	2.66E-02	0.002286	1.32E-05	0.001144	3.00E-02	0.030823	0.002311	9.74E-06	0.001262	0.034405
1609	494661.06	3858751.99	0.86071	1.57144	1.08076	0.57098	1.96E-02	0.00167	1.6E-05	0.00183	0.02316	2.60E-02	0.002214	1.32E-05	0.001133	2.93E-02	0.030095	0.002238	9.78E-06	0.00125	0.033593
1610	494711.06	3858751.99	0.82052	1.47903	1.04071	0.54339	1.87E-02	0.00158	1.6E-05	0.00174	0.02205	2.48E-02	0.002084	1.27E-05	0.001079	2.79E-02	0.028689	0.002106	9.41E-06	0.00119	0.031995
1611	494761.06	3858751.99	0.80419	1.44599	1.03918	0.55013	1.84E-02	0.00154	1.6E-05	0.00176	0.02167	2.43E-02	0.002037	1.27E-05	0.001092	2.74E-02	0.028118	0.002059	9.4E-06	0.001205	0.031392
1612	494811.06	3858751.99	0.76863	1.36377	1.00407	0.52674	1.75E-02	0.00145	1.5E-05	0.00168	0.02069	2.32E-02	0.001921	1.23E-05	0.001046	2.62E-02	0.026875	0.001942	9.08E-06	0.001153	0.02998
1613	494861.06	3858751.99	0.73688	1.28999	0.97441	0.5075	1.68E-02	0.00137	1.5E-05	0.00162	0.01983	2.22E-02	0.001818	1.19E-05	0.001007	2.51E-02	0.025765	0.001837	8.82E-06	0.001111	0.028722
1614	494911.06	3858751.99	0.70272	1.21222	0.93837	0.48575	1.60E-02	0.00129	1.4E-05	0.00155	0.0189	2.12E-02	0.001708	1.15E-05	0.000964	2.39E-02	0.024571	0.001726	8.49E-06	0.001064	0.027369
1615	494961.06	3858751.99	0.6769	1.15178	0.91652	0.47178	1.54E-02	0.00123	1.4E-05	0.00151	0.0182	2.04E-02	0.001623	1.12E-05	0.000936	2.30E-02	0.023668	0.00164	8.29E-06	0.001033	0.026349
1616	495011.06	3858751.99	0.65759	1.10411	0.90566	0.46375	1.50E-02	0.00118	1.4E-05	0.00148	0.01768	1.98E-02	0.001556	1.11E-05	0.00092	2.23E-02	0.022993	0.001572	8.19E-06	0.001015	0.025589
1617	495061.06	3858751.99	0.63183	1.04435	0.88062	0.44922	1.44E-02	0.00111	1.3E-05	0.00144	0.01698	1.91E-02	0.001471	1.08E-05	0.000892	2.14E-02	0.022092	0.001487	7.97E-06	0.000984	0.024571
1618	495111.06	3858751.99	0.60308	0.97972	0.84794	0.43245	1.38E-02	0.00104	1.3E-05	0.00138	0.0162	1.82E-02	0.00138	1.04E-05	0.000858	2.05E-02	0.021087	0.001395	7.67E-06	0.000947	0.023437
1619	495161.06	3858751.99	0.58466	0.93388	0.8341	0.43078	1.33E-02	0.00099	1.3E-05	0.00138	0.01573	1.76E-02	0.001316	1.02E-05	0.000855	1.98E-02	0.020443	0.00133	7.55E-06	0.000943	0.022723
1620	495211.06	3858751.99	0.5711	0.90801	0.81213	0.4278	1.30E-02	0.00097	1.2E-05	0.00137	0.01538	1.72E-02	0.001279	9.94E-06	0.000849	1.94E-02	0.019968	0.001293	7.35E-06	0.000937	0.022206
1621	495261.06	3858751.99	0.57365	0.89308	0.81316	0.42872	1.31E-02	0.00095	1.2E-05	0.00137	0.01543	1.73E-02	0.001258	9.95E-06	0.000851	1.94E-02	0.020058	0.001272	7.36E-06	0.000939	0.022276
1622	495311.06	3858751.99	0.57779	0.87785	0.81644	0.43007	1.32E-02	0.00094	1.2E-05	0.00137	0.01551	1.74E-02	0.001237	9.99E-06	0.000854	1.95E-02	0.020202	0.00125	7.39E-06	0.000942	0.022402
1623	495361.06	3858751.99	0.57791	0.86196	0.81372	0.43047	1.32E-02	0.00092	1.2E-05	0.00138	0.0155	1.74E-02	0.001214	9.96E-06	0.000854	1.95E-02	0.020207	0.001228	7.36E-06	0.000943	0.022384
1624	495411.06	3858751.99	0.58669	0.84645	0.8236	0.433	1.34E-02	0.0009	1.2E-05	0.00138	0.01569	1.77E-02	0.001193	1.01E-05	0.000859	1.98E-02	0.020514	0.001205	7.45E-06	0.000948	0.022675
1625	495461.06	3858751.99	0.58805	0.83046	0.82254	0.43369	1.34E-02	0.00088	1.2E-05	0.00139	0.0157	1.77E-02	0.00117	1.01E-05	0.000861	1.98E-02	0.020561	0.001183	7.44E-06	0.00095	0.022701
1626	495511.06	3858751.99	0.58502	0.81408	0.81506	0.4333	1.34E-02	0.00087	1.2E-05	0.00139	0.01562	1.77E-02	0.001147	9.98E-06	0.00086	1.97E-02	0.020455	0.001159	7.37E-06	0.000949	0.022571
1627	495561.06	3858751.99	0.57996	0.79722	0.80465	0.43253	1.32E-02	0.00085	1.2E-05	0.00138	0.01548	1.75E-02	0.001123	9.85E-06	0.000859	1.95E-02	0.020278	0.001135	7.28E-06	0.000947	0.022368
1628	495611.06	3858751.99	0.57459	0.78062	0.79382	0.43173	1.31E-02	0.00083	1.2E-05	0.00138	0.01534	1.73E-02	0.0011	9.72E-06	0.000857	1.93E-02	0.020091	0.001112	7.18E-06	0.000945	0.022155
1629	495661.06	3858751.99	0.57161	0.76406	0.78648	0.43151	1.30E-02	0.00081	1.2E-05	0.00138	0.01525	1.73E-02	0.001077	9.63E-06	0.000857	1.92E-02	0.019986	0.001088	7.12E-06	0.000945	0.022026
1630	494311.06	3858801.99	0.87627	1.52337	0.94356	0.51854	2.00E-02	0.00162	1.4E-05	0.00166	0.02329	2.64E-02	0.002146	1.15E-05	0.001029	2.96E-02	0.030639	0.00217	8.54E-06	0.001135	0.033952
1631	494361.06	3858801.99	0.97235	1.75658	1.0332	0.57337	2.22E-02	0.00187	1.6E-05	0.00183	0.02591	2.93E-02	0.002475	1.26E-05	0.001138	3.30E-02	0.033998	0.002502	9.35E-06	0.001255	0.037765
1632	494411.06	3858801.99	0.99014	1.81989	1.0647	1.44172	2.26E-02	0.00194	1.6E-05	0.00461	0.02916	2.99E-02	0.002564	1.3E-05	0.002862	3.53E-02	0.03462	0.002592	9.63E-06	0.003157	0.040378
1633	494461.06	3858801.99	0.99494	1.85228	1.09929	0.7109	2.27E-02	0.00197	1.7E-05	0.00227	0.02697	3.00E-02	0.00261	1.35E-05	0.001411	3.41E-02	0.034788	0.002638	9.94E-06	0.001557	0.038993
1634	494511.06	3858801.99	0.99465	1.87368	1.11885	0.70878	2.27E-02	0.002	1.7E-05	0.00227	0.02698	3.00E-02	0.00264	1.37E-05	0.001407	3.41E-02	0.034778	0.002668	1.01E-05	0.001552	0.039008
1635	494561.06	3858801.99	0.98151	1.85972	1.11459	0.70656	2.24E-02	0.00198	1.7E-05	0.00226	0.02666	2.96E-02	0.00262	1.36E-05	0.001402	3.37E-02	0.034318	0.002649	1.01E-05	0.001547	0.038524
1636	494611.06	3858801.99	0.9612	1.82591	1.10457	0.70408	2.19E-02	0.00195	1.7E-05	0.00225	0.02615	2.90E-02	0.002573	1.35E-05	0.001398	3.30E-02	0.033608	0.0026	9.99E-06	0.001542	0.03776
1637	494661.06	3858801.99	0.93094	1.7665	1.09081	0.61926	2.12E-02	0.00188	1.6E-05	0.00198	0.02512	2.81E-02	0.002489	1.34E-05	0.001229	3.18E-02	0.03255	0.002516	9.87E-06	0.001356	0.036432
1638	494711.06	3858801.99	0.89607	1.69425	1.06731	0.59707	2.04E-02	0.0018	1.6E-05	0.00191	0.02418	2.70E-02	0.002387	1.31E-05	0.001185	3.06E-02	0.031331	0.002413	9.66E-06	0.001307	0.035061
1639	494761.06	3858801.99	0.8563	1.60815	1.03328	0.57062	1.95E-02	0.00171	1.6E-05	0.00182	0.02309	2.58E-02	0.002266	1.26E-05	0.001133	2.93E-02	0.02994	0.00229	9.35E-06	0.001249	0.03349
1640	494811.06	3858801.99	0.81548	1.51854	0.99546	0.54393	1.86E-02	0.00162	1.5E-05	0.00174	0.02198	2.46E-02	0.00214	1.22E-05	0.00108	2.78E-02	0.028513	0.002163	9.01E-06	0.001191	0.031876
1641	494861.06	3858801.99	0.79075	1.46404	0.98462	0.53221	1.80E-02	0.00156	1.5E-05	0.0017	0.02132	2.39E-02	0.002063	1.21E-05	0.001056	2.70E-02	0.027649	0.002085	8.91E-06	0.001165	0.030908
1642	494911.06	3858801.99	0.75674	1.38821	0.9553	0.51102	1.73E-02	0.00148	1.4E-05	0.00163	0.0204	2.28E-02	0.001956	1.17E-05	0.001014	2.58E-02	0.026459	0.001977	8.64E-06	0.001119	0.029564
1643	494961.06	3858801.99	0.73017	1.32814	0.93778	0.49736	1.67E-02	0.00141	1.4E-05	0.00159	0.01968	2.20E-02	0.001871	1.15E-05	0.000987	2.49E-02	0.02553	0.001891	8.48E-06	0.001089	0.028519

1644	495011.06	3858801.99	0.70267	1.26583	0.91679	0.48247	1.60E-02	0.00135	1.4E-05	0.00154	0.01894	2.12E-02	0.001783	1.12E-05	0.000958	2.40E-02	0.024569	0.001803	8.29E-06	0.001056	0.027436
1645	495061.06	3858801.99	0.68306	1.21963	0.90886	0.47482	1.56E-02	0.0013	1.4E-05	0.00152	0.01842	2.06E-02	0.001718	1.11E-05	0.000942	2.33E-02	0.023883	0.001737	8.22E-06	0.00104	0.026668
1646	495111.06	3858801.99	0.65034	1.14632	0.87453	0.45425	1.48E-02	0.00122	1.3E-05	0.00145	0.01753	1.96E-02	0.001615	1.07E-05	0.000902	2.22E-02	0.022739	0.001633	7.91E-06	0.000995	0.025374
1647	495161.06	3858801.99	0.62534	1.08891	0.85289	0.44084	1.43E-02	0.00116	1.3E-05	0.00141	0.01685	1.89E-02	0.001534	1.04E-05	0.000875	2.13E-02	0.021865	0.001551	7.72E-06	0.000965	0.024389
1648	495211.06	3858801.99	0.60955	1.04909	0.84736	0.43571	1.39E-02	0.00112	1.3E-05	0.00139	0.01643	1.84E-02	0.001478	1.04E-05	0.000865	2.08E-02	0.021313	0.001494	7.67E-06	0.000954	0.023769
1649	495261.06	3858801.99	0.5994	1.01949	0.85177	0.43555	1.37E-02	0.00109	1.3E-05	0.00139	0.01617	1.81E-02	0.001436	1.04E-05	0.000865	2.04E-02	0.020958	0.001452	7.71E-06	0.000954	0.023371
1650	495311.06	3858801.99	0.59786	0.99244	0.85935	0.43711	1.36E-02	0.00106	1.3E-05	0.0014	0.01611	1.80E-02	0.001398	1.05E-05	0.000868	2.03E-02	0.020904	0.001413	7.77E-06	0.000957	0.023282
1651	495361.06	3858801.99	0.60007	0.95914	0.86019	0.43551	1.37E-02	0.00102	1.3E-05	0.00139	0.01612	1.81E-02	0.001351	1.05E-05	0.000864	2.03E-02	0.020981	0.001366	7.78E-06	0.000954	0.023309
1652	495411.06	3858801.99	0.61393	0.9401	0.87799	0.44227	1.40E-02	0.001	1.3E-05	0.00141	0.01644	1.85E-02	0.001325	1.07E-05	0.000878	2.07E-02	0.021466	0.001339	7.94E-06	0.000968	0.023781
1653	495461.06	3858801.99	0.6146	0.90425	0.87618	0.43969	1.40E-02	0.00096	1.3E-05	0.00141	0.01641	1.85E-02	0.001274	1.07E-05	0.000873	2.07E-02	0.021489	0.001288	7.93E-06	0.000963	0.023748
1654	495511.06	3858801.99	0.6104	0.87548	0.86715	0.43382	1.39E-02	0.00093	1.3E-05	0.00139	0.01626	1.84E-02	0.001233	1.06E-05	0.000861	2.05E-02	0.021343	0.001247	7.84E-06	0.00095	0.023547
1655	495561.06	3858801.99	0.60853	0.8608	0.86143	0.43172	1.39E-02	0.00092	1.3E-05	0.00138	0.0162	1.84E-02	0.001213	1.05E-05	0.000857	2.04E-02	0.021277	0.001226	7.79E-06	0.000945	0.023456
1656	495611.06	3858801.99	0.60032	0.84547	0.84641	0.4302	1.37E-02	0.0009	1.3E-05	0.00138	0.01599	1.81E-02	0.001191	1.04E-05	0.000854	2.02E-02	0.02099	0.001204	7.66E-06	0.000942	0.023144
1657	495661.06	3858801.99	0.601	0.83012	0.8443	0.43081	1.37E-02	0.00088	1.3E-05	0.00138	0.01599	1.81E-02	0.00117	1.03E-05	0.000855	2.02E-02	0.021014	0.001182	7.64E-06	0.000943	0.023147
1658	494311.06	3858851.99	1.01149	1.72518	1.07926	0.71455	2.31E-02	0.00184	1.6E-05	0.00228	0.02722	3.05E-02	0.002431	1.32E-05	0.001418	3.44E-02	0.035367	0.002457	9.76E-06	0.001565	0.039398
1659	494361.06	3858851.99	1.06332	1.88976	1.15432	0.71621	2.43E-02	0.00201	1.7E-05	0.00229	0.02859	3.21E-02	0.002663	1.41E-05	0.001422	3.62E-02	0.037179	0.002691	1.04E-05	0.001568	0.041449
1660	494411.06	3858851.99	1.0561	1.87036	1.16134	0.71448	2.41E-02	0.00199	1.8E-05	0.00228	0.0284	3.19E-02	0.002635	1.42E-05	0.001418	3.59E-02	0.036926	0.002664	1.05E-05	0.001564	0.041165
1661	494461.06	3858851.99	1.0551	1.90402	1.18307	0.71303	2.41E-02	0.00203	1.8E-05	0.00228	0.0284	3.18E-02	0.002683	1.45E-05	0.001415	3.60E-02	0.036892	0.002712	1.07E-05	0.001561	0.041175
1662	494511.06	3858851.99	1.04953	1.92691	1.19053	0.71107	2.40E-02	0.00205	1.8E-05	0.00227	0.0283	3.17E-02	0.002715	1.46E-05	0.001411	3.58E-02	0.036697	0.002744	1.08E-05	0.001557	0.041009
1663	494561.06	3858851.99	1.03489	1.92443	1.18283	0.709	2.36E-02	0.00205	1.8E-05	0.00227	0.02795	3.12E-02	0.002711	1.45E-05	0.001407	3.54E-02	0.036185	0.002741	1.07E-05	0.001552	0.040489
1664	494611.06	3858851.99	1.01176	1.89922	1.15598	0.70633	2.31E-02	0.00202	1.7E-05	0.00226	0.02739	3.05E-02	0.002676	1.41E-05	0.001402	3.46E-02	0.035376	0.002705	1.05E-05	0.001547	0.039638
1665	494661.06	3858851.99	0.98334	1.85808	1.11732	0.70332	2.24E-02	0.00198	1.7E-05	0.00225	0.02669	2.97E-02	0.002618	1.37E-05	0.001396	3.37E-02	0.034382	0.002646	1.01E-05	0.00154	0.038579
1666	494711.06	3858851.99	0.94398	1.78837	1.05422	0.69992	2.15E-02	0.00191	1.6E-05	0.00224	0.0257	2.85E-02	0.00252	1.29E-05	0.001389	3.24E-02	0.033006	0.002547	9.54E-06	0.001533	0.037095
1667	494761.06	3858851.99	0.90542	1.71705	1.00145	0.5851	2.07E-02	0.00183	1.5E-05	0.00187	0.02438	2.73E-02	0.002419	1.23E-05	0.001161	3.09E-02	0.031658	0.002445	9.06E-06	0.001281	0.035394
1668	494811.06	3858851.99	0.87224	1.65481	0.98352	0.56568	1.99E-02	0.00176	1.5E-05	0.00181	0.02349	2.63E-02	0.002332	1.2E-05	0.001123	2.98E-02	0.030498	0.002357	8.9E-06	0.001239	0.034102
1669	494861.06	3858851.99	0.84808	1.6105	0.97904	0.55567	1.94E-02	0.00172	1.5E-05	0.00178	0.02286	2.56E-02	0.002269	1.2E-05	0.001103	2.90E-02	0.029653	0.002294	8.86E-06	0.001217	0.033172
1670	494911.06	3858851.99	0.81651	1.54711	0.96057	0.53843	1.86E-02	0.00165	1.4E-05	0.00172	0.02202	2.46E-02	0.00218	1.18E-05	0.001069	2.79E-02	0.028549	0.002203	8.69E-06	0.001179	0.03194
1671	494961.06	3858851.99	0.78823	1.48931	0.946	0.52334	1.80E-02	0.00159	1.4E-05	0.00167	0.02126	2.38E-02	0.002098	1.16E-05	0.001039	2.69E-02	0.02756	0.002121	8.56E-06	0.001146	0.030836
1672	495011.06	3858851.99	0.76409	1.43941	0.93703	0.51238	1.74E-02	0.00153	1.4E-05	0.00164	0.02062	2.31E-02	0.002028	1.15E-05	0.001017	2.61E-02	0.026716	0.00205	8.48E-06	0.001122	0.029897
1673	495061.06	3858851.99	0.73673	1.38104	0.92075	0.49806	1.68E-02	0.00147	1.4E-05	0.00159	0.01989	2.22E-02	0.001946	1.13E-05	0.000989	2.52E-02	0.02576	0.001967	8.33E-06	0.001091	0.028825
1674	495111.06	3858851.99	0.69314	1.28617	0.87365	0.46783	1.58E-02	0.00137	1.3E-05	0.0015	0.0187	2.09E-02	0.001812	1.07E-05	0.000929	2.37E-02	0.024236	0.001832	7.9E-06	0.001024	0.0271
1675	495161.06	3858851.99	0.66764	1.23099	0.85679	0.45499	1.52E-02	0.00131	1.3E-05	0.00145	0.01802	2.02E-02	0.001734	1.05E-05	0.000903	2.28E-02	0.023344	0.001753	7.75E-06	0.000996	0.026101
1676	495211.06	3858851.99	0.66214	1.21696	0.87489	0.46088	1.51E-02	0.0013	1.3E-05	0.00147	0.01789	2.00E-02	0.001715	1.07E-05	0.000915	2.26E-02	0.023152	0.001733	7.91E-06	0.001009	0.025902
1677	495261.06	3858851.99	0.65069	1.18915	0.88146	0.46097	1.48E-02	0.00127	1.3E-05	0.00147	0.0176	1.96E-02	0.001675	1.08E-05	0.000915	2.22E-02	0.022751	0.001694	7.97E-06	0.001009	0.025462
1678	495311.06	3858851.99	0.64307	1.16779	0.89464	0.46467	1.47E-02	0.00124	1.3E-05	0.00149	0.01742	1.94E-02	0.001645	1.09E-05	0.000922	2.20E-02	0.022485	0.001663	8.09E-06	0.001017	0.025174
1679	495361.06	3858851.99	0.63291	1.13972	0.90213	0.46566	1.44E-02	0.00121	1.4E-05	0.00149	0.01716	1.91E-02	0.001606	1.1E-05	0.000924	2.16E-02	0.02213	0.001623	8.16E-06	0.00102	0.024781
1680	495411.06	3858851.99	0.62747	1.11064	0.90902	0.46648	1.43E-02	0.00118	1.4E-05	0.00149	0.01701	1.89E-02	0.001565	1.11E-05	0.000926	2.14E-02	0.021939	0.001582	8.22E-06	0.001021	0.024551
1681	495461.06	3858851.99	0.63447	1.08269	0.91749	0.46837	1.45E-02	0.00115	1.4E-05	0.0015	0.01714	1.91E-02	0.001525	1.12E-05	0.00093	2.16E-02	0.022184	0.001542	8.3E-06	0.001026	0.02476
1682	495511.06	3858851.99	0.63294	1.0439	0.91604	0.45553	1.44E-02	0.00111	1.4E-05	0.00146	0.01703	1.91E-02	0.001471	1.12E-05	0.000904	2.15E-02	0.022131	0.001487	8.29E-06	0.000997	0.024623
1683	495561.06	3858851.99	0.6232	0.99244	0.89656	0.4533	1.42E-02	0.00106	1.4E-05	0.00145	0.01674	1.88E-02	0.001398	1.1E-05	0.0009	2.11E-02	0.02179	0.001413	8.11E-06	0.000993	0.024204
1684	495611.06	3858851.99	0.61477	0.94477	0.88169	0.44401	1.40E-02	0.00101	1.3E-05	0.00142	0.01647	1.86E-02	0.001331	1.08E-05	0.000881	2.08E-02	0.021495	0.001345	7.98E-06	0.000972	0.023821
1685	495661.06	3858851.99	0.62041	0.91479	0.8873	0.44511	1.42E-02	0.00097	1.3E-05	0.00142	0.01657	1.87E-02	0.001289	1.09E-05	0.000883	2.09E-02	0.021693	0.001303	8.03E-06	0.000975	0.023978
1686	494311.06	3858901.99	1.07735	2.04964	1.14835	0.71259	2.46E-02	0.00218	1.7E-05	0.00228	0.02907	3.25E-02	0.002888	1.41E-05	0.001414	3.68E-02	0.037669	0.002919	1.04E-05	0.00156	0.042159
1687	494361.06	3858901.99	1.11564	2.18632	1.22146	0.73973	2.55E-02	0.00233	1.8E-05	0.00236	0.03017	3.37E-02	0.00308	1.49E-05	0.001468	3.82E-02	0.039008	0.003114	1.11E-05	0.00162	0.043753
1688	494411.06	3858901.99	1.11659	2.18632	1.24582	0.73486	2.55E-02	0.00233	1.9E-05	0.00235	0.03018	3.37E-02	0.00308	1.52E-05	0.001459	3.83E-02	0.039042	0.003114	1.13E-05	0.001609	0.043776
1689	494461.06	3858901.99	1.11832	2.20449	1.26847	0.73626	2.55E-02	0.00235	1.9E-05	0.00235	0.03024	3.38E-02	0.003106	1.55E-05	0.001461	3.83E-02	0.039102	0.00314	1.15E-05	0.001612	0.043865
1690	494511.06	3858901.99	1.11225	2.17727	1.27932	0.7254	2.54E-02	0.00232	1.9E-05	0.00232	0.03004	3.36E-02	0.003068	1.57E-05	0.00144	3.81E-02	0.03889	0.003101	1.16E-05	0.001588	0.04359
1691	494561.06	3858901.99	1.0908	2.09067	1.2555	0.70904	2.49E-02	0.00223	1.9E-05	0.00227	0.02941	3.29E-02	0.002946	1.54E-05	0.001407	3.73E-02	0.03814	0.002977	1.14E-05	0.001553	0.042681
1692	494611.06	3858901.99	1.05469	1.94956	1.19842	0.7059	2.41E-02	0.00208	1.8E-05	0.00226	0.02842	3.18E-02	0.002747	1.47E-05	0.001401	3.60E-02	0.036877	0.002776	1.08E-05	0.001546	0.04121
1693	494661.06	3858901.99	1.0325	1.87677	1.17367	0.70388	2.36E-02	0.002	1.8E-05	0.00225	0.02783	3.12E-02	0.002644	1.44E-05	0.001397	3.52E-02	0.036101	0.002673	1.06E-05	0.001541	0.040326
1694	494711.06	3858901.99	0.99735	1.83315	1.11983	0.70083	2.28E-02	0.00195	1.7E-05	0.00224	0.02697	3.01E-02	0.002583	1.37E-05	0.001391	3.41E-02	0.034872	0.002611	1.01E-05	0.001535	0.039028
1695	494761.06	3858901.99	0.95586	1.77064	1.0524	0.69753	2.18E-02	0.00189	1.6E-05	0.00223	0.02595	2.88E-02	0.002495	1.29E-05	0.001385	3.27E-02	0.033422	0.002522	9.52E-06	0.001527	0.03748
1696	494811.06	3858901.99	0.92894	1.7364	1.01789	0.58692	2.12E-02	0.00185	1.5E-05	0.00188	0.02494	2.80E-02	0.002446	1.25E-05	0.001165	3.17E-02	0.03248	0.002473	9.21E-06	0.001285	0.036248
1697	494861.06	3858901.99	0.90683	1.70943	0.99408	0.57839	2.07E-02	0.00182	1.5E-05	0.00185	0.02438	2.74E-02	0.002408	1.22E-05	0.001148	3.09E-02	0.031707	0.002434	8.99E-06	0.001266	0.035417
1698	494911.06	3858901.99	0.86492	1.63422	0.938	0.55014	1.97E-02	0.00174	1.4E-05	0.00176	0.02325	2.61E-02	0.002303	1.15E-05	0.001092	2.95E-02	0.030242	0.002327	8.49E-06	0.001205	0.033782
1699	494961.06	3858901.99	0.83923	1.59274	0.92112	0.53871	1.92E-02	0.0017	1.4E-05	0.00172	0.02258	2.53E-02	0.002244	1.13E-05	0.001069	2.87E-02	0.029344	0.002268	8.33E-06	0.00118	0.0328
1700	495011.06	3858901.99	0.81383	1.54924	0.91527	0.52765	1.86E-02	0.00165	1.4E-05	0.00169	0.02192	2.46E-02	0.002183	1.12E-05	0.001047	2.78E-02	0.028456	0.002206	8.28E-06	0.001155	0.031826
1701	495061.06	3858901.99	0.77996	1.48413	0.89407	0.50701	1.78E-02	0.00158	1.3E-05	0.00162	0.02101	2.35E-02	0.002091	1.09E-05	0.001006	2.66E-02	0.027271	0.002114	8.09E-06	0.00111	0.030503
1702	495111.06	3858901.99	0.7348	1.39155	0.8525	0.47613	1.68E-02	0.00148	1.3E-05	0.00152	0.01979	2.22E-02	0.001961	1.04E-05	0.000945	2.51E-02	0.025692	0.001982	7.71E-06	0.001043	0.028724
1703	495161.06	3858901.99	0.71688	1.35952	0.85374	0.47132	1.64E-02	0.00145	1.3E-05	0.00151	0.01933	2.16E-02	0.001915	1.04E-05	0.000936	2.45E-02	0.025066	0.001936	7.72E-06	0.001032	0.028042
1704	495211.06	3858901.99	0.71705	1.36621	0.88514	0.48393	1.64E-02	0.00146	1.3E-05	0.00155	0.01938	2.16E-02	0.001925	1.08E-05	0.000961	2.45E-02	0.025072	0.001946	8.01E-06	0.00106	0.028085

1705	495261.06	3858901.99	0.70751	1.34938	0.89985	0.48728		1.61E-02	0.00144	1.4E-05	0.00156	0.01915		2.14E-02	0.001901	1.1E-05	0.000967	2.42E-02		0.024738	0.001922	8.14E-06	0.001067	0.027735
1706	495311.06	3858901.99	0.69492	1.32399	0.9084	0.48747		1.59E-02	0.00141	1.4E-05	0.00156	0.01884		2.10E-02	0.001865	1.11E-05	0.000968	2.38E-02		0.024298	0.001886	8.22E-06	0.001067	0.027259
1707	495361.06	3858901.99	0.68341	1.29935	0.9181	0.48853		1.56E-02	0.00138	1.4E-05	0.00156	0.01856		2.06E-02	0.001831	1.12E-05	0.00097	2.34E-02		0.023895	0.00185	8.31E-06	0.00107	0.026824
1708	495411.06	3858901.99	0.67682	1.28374	0.93659	0.49475		1.54E-02	0.00137	1.4E-05	0.00158	0.01841		2.04E-02	0.001809	1.15E-05	0.000982	2.32E-02		0.023665	0.001828	8.47E-06	0.001083	0.026585
1709	495461.06	3858901.99	0.66253	1.24975	0.93906	0.49233		1.51E-02	0.00133	1.4E-05	0.00157	0.01804		2.00E-02	0.001761	1.15E-05	0.000977	2.27E-02		0.023165	0.00178	8.5E-06	0.001078	0.026032
1710	495511.06	3858901.99	0.64416	1.20519	0.93177	0.4849		1.47E-02	0.00128	1.4E-05	0.00155	0.01755		1.94E-02	0.001698	1.14E-05	0.000962	2.21E-02		0.022523	0.001716	8.43E-06	0.001062	0.02531
1711	495561.06	3858901.99	0.63905	1.16536	0.9283	0.4798		1.46E-02	0.00124	1.4E-05	0.00153	0.01737		1.93E-02	0.001642	1.14E-05	0.000952	2.19E-02		0.022344	0.00166	8.4E-06	0.001051	0.025063
1712	495611.06	3858901.99	0.63173	1.11748	0.91641	0.47053		1.44E-02	0.00119	1.4E-05	0.0015	0.01713		1.91E-02	0.001574	1.12E-05	0.000934	2.16E-02		0.022088	0.001591	8.29E-06	0.00103	0.024718
1713	495661.06	3858901.99	0.64032	1.09212	0.92743	0.47379		1.46E-02	0.00116	1.4E-05	0.00151	0.0173		1.93E-02	0.001539	1.14E-05	0.00094	2.18E-02		0.022389	0.001555	8.39E-06	0.001037	0.02499
1714	494311.06	3858951.99	1.15897	2.3602	1.24978	0.82663		2.64E-02	0.00251	1.9E-05	0.00264	0.03162		3.50E-02	0.003325	1.53E-05	0.001641	4.00E-02		0.040523	0.003361	1.13E-05	0.00181	0.045706
1715	494361.06	3858951.99	1.17342	2.4275	1.30087	0.83654		2.68E-02	0.00259	2E-05	0.00267	0.03206		3.54E-02	0.00342	1.59E-05	0.00166	4.05E-02		0.041029	0.003457	1.18E-05	0.001832	0.046329
1716	494411.06	3858951.99	1.16112	2.39391	1.29503	0.81485		2.65E-02	0.00255	2E-05	0.00261	0.03167		3.50E-02	0.003373	1.59E-05	0.001617	4.00E-02		0.040598	0.003409	1.17E-05	0.001784	0.045804
1717	494461.06	3858951.99	1.16533	2.43439	1.32184	0.81767		2.66E-02	0.00259	2E-05	0.00261	0.03182		3.52E-02	0.00343	1.62E-05	0.001623	4.02E-02		0.040746	0.003467	1.2E-05	0.00179	0.046015
1718	494511.06	3858951.99	1.15456	2.40253	1.32098	0.79914		2.63E-02	0.00256	2E-05	0.00255	0.03148		3.48E-02	0.003385	1.62E-05	0.001586	3.98E-02		0.040369	0.003422	1.2E-05	0.00175	0.045552
1719	494561.06	3858951.99	1.13522	2.33535	1.30136	0.77145		2.59E-02	0.00249	2E-05	0.00247	0.03088		3.43E-02	0.00329	1.59E-05	0.001531	3.91E-02		0.039693	0.003326	1.18E-05	0.001689	0.04472
1720	494611.06	3858951.99	1.10629	2.22934	1.26032	0.7341		2.52E-02	0.00238	1.9E-05	0.00235	0.02999		3.34E-02	0.003141	1.54E-05	0.001457	3.80E-02		0.038681	0.003175	1.14E-05	0.001607	0.043475
1721	494661.06	3858951.99	1.07861	2.12736	1.2224	0.70125		2.46E-02	0.00227	1.8E-05	0.00224	0.02914		3.26E-02	0.002997	1.5E-05	0.001392	3.70E-02		0.037714	0.00303	1.11E-05	0.001536	0.04229
1722	494711.06	3858951.99	1.03925	1.98164	1.15842	0.69853		2.37E-02	0.00211	1.7E-05	0.00223	0.02808		3.14E-02	0.002792	1.42E-05	0.001387	3.56E-02		0.036337	0.002822	1.05E-05	0.00153	0.040699
1723	494761.06	3858951.99	1.00869	1.87053	1.11506	0.69622		2.30E-02	0.00199	1.7E-05	0.00223	0.02725		3.04E-02	0.002635	1.36E-05	0.001382	3.45E-02		0.035269	0.002664	1.01E-05	0.001524	0.039467
1724	494811.06	3858951.99	0.98578	1.78769	1.08923	0.69433		2.25E-02	0.0019	1.6E-05	0.00222	0.02664		2.98E-02	0.002519	1.33E-05	0.001378	3.37E-02		0.034468	0.002546	9.85E-06	0.00152	0.038544
1725	494861.06	3858951.99	0.96225	1.74181	1.06227	0.69226		2.20E-02	0.00186	1.6E-05	0.00221	0.02604		2.90E-02	0.002454	1.3E-05	0.001374	3.29E-02		0.033645	0.002481	9.61E-06	0.001516	0.037651
1726	494911.06	3858951.99	0.92946	1.70189	1.01492	0.57922		2.12E-02	0.00181	1.5E-05	0.00185	0.02489		2.81E-02	0.002398	1.24E-05	0.00115	3.16E-02		0.032499	0.002424	9.18E-06	0.001268	0.0362
1727	494961.06	3858951.99	0.90971	1.68708	0.99658	0.57284		2.08E-02	0.0018	1.5E-05	0.00183	0.0244		2.75E-02	0.002377	1.22E-05	0.001137	3.10E-02		0.031808	0.002403	9.02E-06	0.001254	0.035474
1728	495011.06	3858951.99	0.86089	1.6039	0.93591	0.53736		1.96E-02	0.00171	1.4E-05	0.00172	0.02309		2.60E-02	0.00226	1.15E-05	0.001067	2.93E-02		0.030101	0.002284	8.47E-06	0.001177	0.03357
1729	495061.06	3858951.99	0.81422	1.52145	0.89273	0.5056		1.86E-02	0.00162	1.3E-05	0.00162	0.02183		2.46E-02	0.002144	1.09E-05	0.001004	2.77E-02		0.028469	0.002167	8.08E-06	0.001107	0.031751
1730	495111.06	3858951.99	0.77726	1.45746	0.85986	0.48265		1.77E-02	0.00155	1.3E-05	0.00154	0.02085		2.35E-02	0.002053	1.05E-05	0.000958	2.65E-02		0.027177	0.002076	7.78E-06	0.001057	0.030317
1731	495161.06	3858951.99	0.78387	1.49002	0.87362	0.50204		1.79E-02	0.00159	1.3E-05	0.00161	0.02109		2.37E-02	0.002099	1.07E-05	0.000996	2.68E-02		0.027408	0.002122	7.9E-06	0.001099	0.030637
1732	495211.06	3858951.99	0.77507	1.48582	0.87894	0.50696		1.77E-02	0.00158	1.3E-05	0.00162	0.0209		2.34E-02	0.002093	1.08E-05	0.001006	2.65E-02		0.0271	0.002116	7.95E-06	0.00111	0.030334
1733	495261.06	3858951.99	0.76558	1.47799	0.8977	0.51142		1.75E-02	0.00157	1.4E-05	0.00164	0.02069		2.31E-02	0.002082	1.1E-05	0.001015	2.62E-02		0.026768	0.002105	8.12E-06	0.00112	0.030001
1734	495311.06	3858951.99	0.74386	1.43998	0.89516	0.50281		1.70E-02	0.00153	1.3E-05	0.00161	0.02013		2.25E-02	0.002029	1.1E-05	0.000998	2.55E-02		0.026009	0.002051	8.1E-06	0.001101	0.029169
1735	495361.06	3858951.99	0.73575	1.43163	0.91518	0.50869		1.68E-02	0.00153	1.4E-05	0.00163	0.01996		2.22E-02	0.002017	1.12E-05	0.00101	2.52E-02		0.025725	0.002039	8.28E-06	0.001114	0.028886
1736	495411.06	3858951.99	0.72973	1.4259	0.93885	0.5171		1.67E-02	0.00152	1.4E-05	0.00165	0.01984		2.20E-02	0.002009	1.15E-05	0.001026	2.51E-02		0.025515	0.002031	8.49E-06	0.001132	0.028686
1737	495461.06	3858951.99	0.71622	1.40125	0.94815	0.517		1.63E-02	0.00149	1.4E-05	0.00165	0.0195		2.16E-02	0.001974	1.16E-05	0.001026	2.46E-02		0.025043	0.001996	8.58E-06	0.001132	0.028179
1738	495511.06	3858951.99	0.70704	1.38428	0.96489	0.52173		1.61E-02	0.00147	1.5E-05	0.00167	0.01929		2.13E-02	0.00195	1.18E-05	0.001036	2.43E-02		0.024722	0.001971	8.73E-06	0.001142	0.027844
1739	495561.06	3858951.99	0.67994	1.3246	0.94501	0.50487		1.55E-02	0.00141	1.4E-05	0.00161	0.01856		2.05E-02	0.001866	1.16E-05	0.001002	2.34E-02		0.023774	0.001886	8.55E-06	0.001105	0.026775
1740	495611.06	3858951.99	0.6613	1.28275	0.93999	0.49756		1.51E-02	0.00137	1.4E-05	0.00159	0.01806		2.00E-02	0.001807	1.15E-05	0.000988	2.28E-02		0.023122	0.001827	8.5E-06	0.001089	0.026047
1741	495661.06	3858951.99	0.65724	1.2631	0.95525	0.50231		1.50E-02	0.00135	1.4E-05	0.00161	0.01796		1.98E-02	0.00178	1.17E-05	0.000997	2.26E-02		0.02298	0.001799	8.64E-06	0.0011	0.025888
1742	494311.06	3859001.99	1.21309	2.46928	1.35436	0.93354		2.77E-02	0.00263	2E-05	0.00298	0.03332		3.66E-02	0.003479	1.66E-05	0.001853	4.20E-02		0.042416	0.003517	1.23E-05	0.002044	0.047989
1743	494361.06	3859001.99	1.21281	2.50175	1.34107	0.92514		2.77E-02	0.00267	2E-05	0.00296	0.03332		3.66E-02	0.003525	1.64E-05	0.001836	4.20E-02		0.042406	0.003563	1.21E-05	0.002026	0.048007
1744	494411.06	3859001.99	1.21183	2.5402	1.35391	0.92008		2.77E-02	0.00271	2E-05	0.00294	0.03332		3.66E-02	0.003579	1.66E-05	0.001826	4.20E-02		0.042372	0.003618	1.22E-05	0.002015	0.048016
1745	494461.06	3859001.99	1.20445	2.54237	1.35855	0.90282		2.75E-02	0.00271	2E-05	0.00289	0.0331		3.64E-02	0.003582	1.66E-05	0.001792	4.17E-02		0.042114	0.003621	1.23E-05	0.001977	0.047723
1746	494511.06	3859001.99	1.1959	2.53718	1.36139	0.8846		2.73E-02	0.0027	2.1E-05	0.00283	0.03284		3.61E-02	0.003575	1.67E-05	0.001756	4.14E-02		0.041815	0.003613	1.23E-05	0.001937	0.047377
1747	494561.06	3859001.99	1.17078	2.46633	1.32833	0.84521		2.67E-02	0.00263	2E-05	0.0027	0.03207		3.53E-02	0.003475	1.63E-05	0.001678	4.05E-02		0.040936	0.003512	1.2E-05	0.001851	0.046311
1748	494611.06	3859001.99	1.14679	2.3959	1.29788	0.80922		2.62E-02	0.00255	2E-05	0.00259	0.03133		3.46E-02	0.003376	1.59E-05	0.001606	3.96E-02		0.040097	0.003412	1.17E-05	0.001772	0.045293
1749	494661.06	3859001.99	1.11642	2.29787	1.25336	0.76765		2.55E-02	0.00245	1.9E-05	0.00245	0.0304		3.37E-02	0.003238	1.53E-05	0.001524	3.85E-02		0.039036	0.003273	1.13E-05	0.001681	0.044
1750	494711.06	3859001.99	1.07976	2.17388	1.19496	0.72114		2.46E-02	0.00232	1.8E-05	0.00231	0.02928		3.26E-02	0.003063	1.46E-05	0.001431	3.71E-02		0.037754	0.003096	1.08E-05	0.001579	0.04244
1751	494761.06	3859001.99	1.05621	2.09742	1.16635	0.69129		2.41E-02	0.00223	1.8E-05	0.00221	0.02857		3.19E-02	0.002955	1.43E-05	0.001372	3.62E-02		0.03693	0.002987	1.06E-05	0.001514	0.041442
1752	494811.06	3859001.99	1.04052	2.04902	1.15583	0.69026		2.37E-02	0.00218	1.7E-05	0.00221	0.02815		3.14E-02	0.002887	1.41E-05	0.00137	3.57E-02		0.036382	0.002918	1.05E-05	0.001511	0.040822
1753	494861.06	3859001.99	1.01352	1.95773	1.12044	0.68856		2.31E-02	0.00209	1.7E-05	0.0022	0.02743		3.06E-02	0.002758	1.37E-05	0.001367	3.47E-02		0.035438	0.002788	1.01E-05	0.001508	0.039744
1754	494911.06	3859001.99	0.98424	1.85786	1.08044	0.68672		2.25E-02	0.00198	1.6E-05	0.0022	0.02665		2.97E-02	0.002618	1.32E-05	0.001363	3.37E-02		0.034414	0.002646	9.77E-06	0.001504	0.038573
1755	494961.06	3859001.99	0.95383	1.75386	1.03835	1.34197		2.18E-02	0.00187	1.6E-05	0.00429	0.02794		2.88E-02	0.002471	1.27E-05	0.002664	3.39E-02		0.033351	0.002498	9.39E-06	0.002938	0.038796
1756	495011.06	3859001.99	0.87881	1.54573	0.94546	0.52132		2.01E-02	0.00165	1.4E-05	0.00167	0.02338		2.65E-02	0.002178	1.16E-05	0.001035	2.97E-02		0.030728	0.002201	8.55E-06	0.001142	0.034079
1757	495061.06	3859001.99	0.86008	1.53696	0.93115	0.51567		1.96E-02	0.00164	1.4E-05	0.00165	0.02293		2.60E-02	0.002165	1.14E-05	0.001024	2.92E-02		0.030073	0.002189	8.42E-06	0.001129	0.033399
1758	495111.06	3859001.99	0.82516	1.4901	0.90002	0.49518		1.88E-02	0.00159	1.4E-05	0.00158	0.02201		2.49E-02	0.002099	1.1E-05	0.000983	2.80E-02		0.028852	0.002122	8.14E-06	0.001084	0.032066
1759	495161.06	3859001.99	0.84161	1.5525	0.92368	0.52325		1.92E-02	0.00165	1.4E-05	0.00167	0.02255		2.54E-02	0.002187	1.13E-05	0.001039	2.86E-02		0.029427	0.002211	8.36E-06	0.001146	0.032792
1760	495211.06	3859001.99	0.82884	1.54958	0.9167	0.52429		1.89E-02	0.00165	1.4E-05	0.00168	0.02226		2.50E-02	0.002183	1.12E-05	0.001041	2.83E-02		0.02898	0.002207	8.29E-06	0.001148	0.032343
1761	495261.06	3859001.99	0.82117	1.55563	0.91551	0.53069		1.87E-02	0.00166	1.4E-05	0.0017	0.02211		2.48E-02	0.002192	1.12E-05	0.001053	2.80E-02		0.028712	0.002215	8.28E-06	0.001162	0.032098
1762	495311.06	3859001.99	0.80627	1.54343	0.90664	0.53008		1.84E-02	0.00164	1.4E-05	0.00169	0.02175		2.43E-02	0.002175	1.11E-05	0.001052	2.76E-02		0.028191	0.002198	8.2E-06	0.001161	0.031558
1763	495361.06	3859001.99	0.79726	1.54267	0.90604	0.53575		1.82E-02	0.00164	1.4E-05	0.00171	0.02156		2.41E-02	0.002174	1.11E-05	0.001063	2.73E-02		0.027876	0.002197	8.2E-06	0.001173	0.031254
1764	495411.06	3859001.99	0.78503	1.53216	0.92275	0.53818		1.79E-02	0.00163	1.4E-05	0.00172	0.02128		2.37E-02	0.002159	1.13E-05	0.001068	2.69E-02		0.027449	0.002182	8.35E-06	0.001178	0.030817
1765	495461.06	3859001.99	0.77407	1.52278	0.94123	0.54209		1.77E-02	0.00162	1.4E-05	0.00173	0.02103		2.34E-02	0.002146	1.15E-05	0.001076	2.66E-02		0.027065	0.002169	8.52E-06	0.001187	0.030429

1766	495511.06	3859001.99	0.75034	1.48135	0.93616	0.53148	1.71E-02	0.00158	1.4E-05	0.0017	0.02041	2.26E-02	0.002087	1.15E-05	0.001055	2.58E-02	0.026236	0.00211	8.47E-06	0.001164	0.029517
1767	495561.06	3859001.99	0.73345	1.45375	0.94187	0.52821	1.67E-02	0.00155	1.4E-05	0.00169	0.01999	2.21E-02	0.002048	1.15E-05	0.001048	2.52E-02	0.025645	0.00207	8.52E-06	0.001157	0.028881
1768	495611.06	3859001.99	0.71562	1.42187	0.94447	0.52324	1.63E-02	0.00151	1.4E-05	0.00167	0.01953	2.16E-02	0.002003	1.16E-05	0.001039	2.47E-02	0.025022	0.002025	8.54E-06	0.001146	0.028201
1769	495661.06	3859001.99	0.71361	1.42498	0.97643	0.53708	1.63E-02	0.00152	1.5E-05	0.00172	0.01954	2.15E-02	0.002008	1.2E-05	0.001066	2.46E-02	0.024951	0.002029	8.83E-06	0.001176	0.028166
1770	494311.06	3859051.99	1.27055	2.41074	1.45243	1.03063	2.90E-02	0.00257	2.2E-05	0.00329	0.03488	3.83E-02	0.003397	1.78E-05	0.002046	4.38E-02	0.044425	0.003433	1.31E-05	0.002257	0.050128
1771	494361.06	3859051.99	1.26918	2.48212	1.43553	1.03379	2.90E-02	0.00264	2.2E-05	0.00331	0.03493	3.83E-02	0.003497	1.76E-05	0.002052	4.39E-02	0.044377	0.003535	1.3E-05	0.002264	0.050188
1772	494411.06	3859051.99	1.25095	2.50253	1.40425	1.01157	2.85E-02	0.00267	2.1E-05	0.00323	0.03447	3.78E-02	0.003526	1.72E-05	0.002008	4.33E-02	0.043739	0.003564	1.27E-05	0.002215	0.049531
1773	494461.06	3859051.99	1.23191	2.50804	1.37314	0.9845	2.81E-02	0.00267	2.1E-05	0.00315	0.03395	3.72E-02	0.003534	1.68E-05	0.001954	4.27E-02	0.043074	0.003572	1.24E-05	0.002156	0.048814
1774	494511.06	3859051.99	1.21409	2.49062	1.35482	0.95017	2.77E-02	0.00265	2E-05	0.00304	0.03342	3.66E-02	0.003509	1.66E-05	0.001886	4.21E-02	0.042451	0.003547	1.23E-05	0.002081	0.04809
1775	494561.06	3859051.99	1.19873	2.47678	1.34194	0.92054	2.74E-02	0.00264	2E-05	0.00294	0.03296	3.62E-02	0.00349	1.64E-05	0.001827	4.15E-02	0.041914	0.003527	1.21E-05	0.002016	0.047469
1776	494611.06	3859051.99	1.17606	2.43203	1.31364	0.88188	2.68E-02	0.00259	2E-05	0.00282	0.03227	3.55E-02	0.003427	1.61E-05	0.00175	4.07E-02	0.041121	0.003464	1.19E-05	0.001931	0.046527
1777	494661.06	3859051.99	1.15049	2.37221	1.27908	0.84142	2.63E-02	0.00253	1.9E-05	0.00269	0.03149	3.47E-02	0.003342	1.57E-05	0.00167	3.98E-02	0.040227	0.003378	1.16E-05	0.001842	0.045459
1778	494711.06	3859051.99	1.12588	2.31129	1.24674	0.80416	2.57E-02	0.00246	1.9E-05	0.00257	0.03075	3.40E-02	0.003256	1.53E-05	0.001596	3.88E-02	0.039366	0.003292	1.13E-05	0.001761	0.04443
1779	494761.06	3859051.99	1.0994	2.24006	1.21056	0.76659	2.51E-02	0.00239	1.8E-05	0.00245	0.02994	3.32E-02	0.003156	1.48E-05	0.001522	3.79E-02	0.03844	0.00319	1.1E-05	0.001679	0.04332
1780	494811.06	3859051.99	1.07977	2.19069	1.18998	0.73842	2.46E-02	0.00233	1.8E-05	0.00236	0.02935	3.26E-02	0.003087	1.46E-05	0.001466	3.72E-02	0.037754	0.00312	1.08E-05	0.001617	0.042502
1781	494861.06	3859051.99	1.05888	2.13436	1.16711	0.71013	2.42E-02	0.00227	1.8E-05	0.00227	0.02873	3.20E-02	0.003007	1.43E-05	0.00141	3.64E-02	0.037024	0.00304	1.06E-05	0.001555	0.041629
1782	494911.06	3859051.99	1.02639	2.03286	1.1189	0.67938	2.34E-02	0.00217	1.7E-05	0.00217	0.02778	3.10E-02	0.002864	1.37E-05	0.001348	3.52E-02	0.035888	0.002895	1.01E-05	0.001488	0.04028
1783	494961.06	3859051.99	0.97769	1.87226	1.03782	0.677	2.23E-02	0.00199	1.6E-05	0.00216	0.02649	2.95E-02	0.002638	1.27E-05	0.001344	3.35E-02	0.034185	0.002666	9.39E-06	0.001482	0.038343
1784	495011.06	3859051.99	0.93987	1.75128	1.00263	0.58184	2.14E-02	0.00187	1.5E-05	0.00186	0.02519	2.84E-02	0.002467	1.23E-05	0.001155	3.20E-02	0.032863	0.002494	9.07E-06	0.001274	0.03664
1785	495061.06	3859051.99	0.91302	1.6683	0.97899	0.55516	2.08E-02	0.00178	1.5E-05	0.00177	0.0244	2.76E-02	0.002351	1.2E-05	0.001102	3.10E-02	0.031924	0.002376	8.86E-06	0.001216	0.035524
1786	495111.06	3859051.99	0.89654	1.62094	0.96651	0.53812	2.05E-02	0.00173	1.5E-05	0.00172	0.02392	2.71E-02	0.002284	1.18E-05	0.001068	3.04E-02	0.031347	0.002308	8.74E-06	0.001178	0.034843
1787	495161.06	3859051.99	0.90202	1.64943	0.97769	0.55005	2.06E-02	0.00176	1.5E-05	0.00176	0.02412	2.72E-02	0.002324	1.2E-05	0.001092	3.07E-02	0.031539	0.002349	8.84E-06	0.001204	0.035101
1788	495211.06	3859051.99	0.88187	1.5879	0.96222	0.54264	2.01E-02	0.00169	1.5E-05	0.00173	0.02357	2.66E-02	0.002237	1.18E-05	0.001077	2.99E-02	0.030835	0.002261	8.7E-06	0.001188	0.034293
1789	495261.06	3859051.99	0.87973	1.5902	0.97102	0.55474	2.01E-02	0.00169	1.5E-05	0.00177	0.02356	2.66E-02	0.00224	1.19E-05	0.001101	2.99E-02	0.03076	0.002265	8.78E-06	0.001215	0.034248
1790	495311.06	3859051.99	0.86353	1.58576	0.96053	0.55225	1.97E-02	0.00169	1.4E-05	0.00177	0.02318	2.61E-02	0.002234	1.18E-05	0.001096	2.94E-02	0.030193	0.002258	8.69E-06	0.001209	0.03367
1791	495361.06	3859051.99	0.8524	1.59014	0.96102	0.5557	1.95E-02	0.00169	1.4E-05	0.00178	0.02294	2.57E-02	0.00224	1.18E-05	0.001103	2.91E-02	0.029804	0.002265	8.69E-06	0.001217	0.033294
1792	495411.06	3859051.99	0.84456	1.5995	0.9685	0.56335	1.93E-02	0.0017	1.5E-05	0.0018	0.02279	2.55E-02	0.002254	1.19E-05	0.001118	2.89E-02	0.02953	0.002278	8.76E-06	0.001234	0.03305
1793	495461.06	3859051.99	0.83578	1.60498	0.9734	0.57043	1.91E-02	0.00171	1.5E-05	0.00182	0.02262	2.52E-02	0.002261	1.19E-05	0.001132	2.86E-02	0.029223	0.002286	8.81E-06	0.001249	0.032767
1794	495511.06	3859051.99	0.81097	1.57222	0.94152	0.55846	1.85E-02	0.00167	1.4E-05	0.00179	0.02198	2.45E-02	0.002215	1.15E-05	0.001108	2.78E-02	0.028356	0.002239	8.52E-06	0.001223	0.031826
1795	495561.06	3859051.99	0.79027	1.54606	0.9219	0.55127	1.80E-02	0.00165	1.4E-05	0.00176	0.02146	2.39E-02	0.002178	1.13E-05	0.001094	2.71E-02	0.027632	0.002202	8.34E-06	0.001207	0.031049
1796	495611.06	3859051.99	0.77123	1.52127	0.92776	0.54594	1.76E-02	0.00162	1.4E-05	0.00175	0.02098	2.33E-02	0.002143	1.14E-05	0.001084	2.65E-02	0.026966	0.002167	8.39E-06	0.001195	0.030336
1797	495661.06	3859051.99	0.76736	1.52951	0.95948	0.55881	1.75E-02	0.00163	1.4E-05	0.00179	0.02094	2.32E-02	0.002155	1.17E-05	0.001109	2.64E-02	0.026831	0.002178	8.68E-06	0.001224	0.030241
1798	494311.06	3859101.99	1.33435	2.24698	1.5417	1.13313	3.05E-02	0.00239	2.3E-05	0.00362	0.03649	4.03E-02	0.003166	1.89E-05	0.002249	4.57E-02	0.046655	0.0032	1.39E-05	0.002481	0.052351
1799	494361.06	3859101.99	1.31932	2.29759	1.51445	1.11589	3.01E-02	0.00245	2.3E-05	0.00357	0.03615	3.98E-02	0.003237	1.85E-05	0.002215	4.53E-02	0.04613	0.003272	1.37E-05	0.002443	0.051859
1800	494411.06	3859101.99	1.30651	2.35036	1.48959	1.10177	2.98E-02	0.0025	2.2E-05	0.00352	0.03586	3.94E-02	0.003312	1.82E-05	0.002187	4.49E-02	0.045682	0.003347	1.35E-05	0.002413	0.051455
1801	494461.06	3859101.99	1.28444	2.37765	1.45438	1.07398	2.93E-02	0.00253	2.2E-05	0.00343	0.0353	3.88E-02	0.00335	1.78E-05	0.002132	4.43E-02	0.04491	0.003386	1.32E-05	0.002352	0.050661
1802	494511.06	3859101.99	1.25261	2.37576	1.40841	1.03304	2.86E-02	0.00253	2.1E-05	0.0033	0.03444	3.78E-02	0.003347	1.72E-05	0.00205	4.32E-02	0.043797	0.003383	1.27E-05	0.002262	0.049456
1803	494561.06	3859101.99	1.22633	2.38275	1.36882	1.00055	2.80E-02	0.00254	2.1E-05	0.0032	0.03374	3.70E-02	0.003357	1.68E-05	0.001986	4.24E-02	0.042879	0.003393	1.24E-05	0.002191	0.048475
1804	494611.06	3859101.99	1.19572	2.34774	1.32235	0.95138	2.73E-02	0.0025	2E-05	0.00304	0.03285	3.61E-02	0.003308	1.62E-05	0.001888	4.13E-02	0.041808	0.003344	1.2E-05	0.002083	0.047247
1805	494661.06	3859101.99	1.17948	2.34099	1.30069	0.91989	2.69E-02	0.00249	2E-05	0.00294	0.03237	3.56E-02	0.003298	1.59E-05	0.001826	4.07E-02	0.04124	0.003334	1.18E-05	0.002014	0.0466
1806	494711.06	3859101.99	1.14687	2.2737	1.25146	0.86718	2.62E-02	0.00242	1.9E-05	0.00277	0.03139	3.46E-02	0.003203	1.53E-05	0.001721	3.96E-02	0.0401	0.003238	1.13E-05	0.001899	0.045248
1807	494761.06	3859101.99	1.13932	2.28782	1.25186	0.85005	2.60E-02	0.00244	1.9E-05	0.00272	0.03117	3.44E-02	0.003223	1.53E-05	0.001687	3.93E-02	0.039836	0.003258	1.13E-05	0.001861	0.044967
1808	494811.06	3859101.99	1.11714	2.24746	1.22429	0.81475	2.55E-02	0.00239	1.8E-05	0.0026	0.03051	3.37E-02	0.003167	1.5E-05	0.001617	3.85E-02	0.039061	0.003201	1.11E-05	0.001784	0.044057
1809	494861.06	3859101.99	1.09676	2.2096	1.20109	0.78341	2.50E-02	0.00235	1.8E-05	0.0025	0.02991	3.31E-02	0.003113	1.47E-05	0.001555	3.78E-02	0.038348	0.003147	1.09E-05	0.001715	0.043221
1810	494911.06	3859101.99	1.06559	2.1295	1.15461	0.7405	2.43E-02	0.00227	1.7E-05	0.00237	0.02897	3.22E-02	0.003	1.41E-05	0.00147	3.66E-02	0.037258	0.003033	1.04E-05	0.001621	0.041923
1811	494961.06	3859101.99	1.01652	1.98278	1.07518	0.68159	2.32E-02	0.00211	1.6E-05	0.00218	0.02751	3.07E-02	0.002794	1.32E-05	0.001353	3.48E-02	0.035543	0.002824	9.73E-06	0.001492	0.039869
1812	495011.06	3859101.99	0.96315	1.82098	1.02351	0.66391	2.20E-02	0.00194	1.5E-05	0.00212	0.02606	2.91E-02	0.002566	1.25E-05	0.001318	3.30E-02	0.033676	0.002593	9.26E-06	0.001454	0.037733
1813	495061.06	3859101.99	0.96201	1.83743	1.02524	0.66474	2.20E-02	0.00196	1.5E-05	0.00213	0.02605	2.90E-02	0.002589	1.25E-05	0.001319	3.30E-02	0.033637	0.002617	9.28E-06	0.001456	0.037718
1814	495111.06	3859101.99	0.94529	1.79858	1.0115	0.6646	2.16E-02	0.00192	1.5E-05	0.00212	0.02563	2.85E-02	0.002534	1.24E-05	0.001319	3.24E-02	0.033052	0.002561	9.15E-06	0.001455	0.037078
1815	495161.06	3859101.99	0.95165	1.84056	1.0225	0.6656	2.17E-02	0.00196	1.5E-05	0.00213	0.02582	2.87E-02	0.002593	1.25E-05	0.001321	3.26E-02	0.033274	0.002621	9.25E-06	0.001457	0.037362
1816	495211.06	3859101.99	0.93479	1.79862	1.01043	0.66521	2.13E-02	0.00192	1.5E-05	0.00213	0.02539	2.82E-02	0.002534	1.24E-05	0.00132	3.21E-02	0.032685	0.002561	9.14E-06	0.001457	0.036712
1817	495261.06	3859101.99	0.93017	1.80016	1.02566	0.66533	2.12E-02	0.00192	1.5E-05	0.00213	0.02529	2.81E-02	0.002536	1.26E-05	0.001321	3.19E-02	0.032523	0.002564	9.28E-06	0.001457	0.036553
1818	495311.06	3859101.99	0.92026	1.77099	1.02802	0.66551	2.10E-02	0.00189	1.5E-05	0.00213	0.02503	2.78E-02	0.002495	1.26E-05	0.001321	3.16E-02	0.032177	0.002522	9.3E-06	0.001457	0.036166
1819	495361.06	3859101.99	0.91447	1.77764	1.04285	0.66532	2.09E-02	0.00189	1.6E-05	0.00213	0.02491	2.76E-02	0.002505	1.28E-05	0.001321	3.14E-02	0.031974	0.002532	9.43E-06	0.001457	0.035972
1820	495411.06	3859101.99	0.90435	1.75665	1.04645	0.66504	2.06E-02	0.00187	1.6E-05	0.00213	0.02465	2.73E-02	0.002475	1.28E-05	0.00132	3.11E-02	0.031621	0.002502	9.47E-06	0.001456	0.035588
1821	495461.06	3859101.99	0.88619	1.68963	1.0363	0.66475	2.02E-02	0.0018	1.6E-05	0.00213	0.02416	2.67E-02	0.002381	1.27E-05	0.001319	3.05E-02	0.030986	0.002406	9.38E-06	0.001456	0.034857
1822	495511.06	3859101.99	0.87229	1.65254	1.0306	0.66429	1.99E-02	0.00176	1.6E-05	0.00212	0.02381	2.63E-02	0.002328	1.26E-05	0.001319	3.00E-02	0.0305	0.002353	9.32E-06	0.001455	0.034317
1823	495561.06	3859101.99	0.85254	1.60729	1.00672	0.66316	1.95E-02	0.00171	1.5E-05	0.00212	0.0233	2.57E-02	0.002265	1.23E-05	0.001316	2.93E-02	0.029809	0.002289	9.11E-06	0.001452	0.033559
1824	495611.06	3859101.99	0.83113	1.58246	0.98295	0.57472	1.90E-02	0.00169	1.5E-05	0.00184	0.02251	2.51E-02	0.00223	1.2E-05	0.001141	2.85E-02	0.02906	0.002254	8.89E-06	0.001258	0.032581
1825	495661.06	3859101.99	0.82171	1.58736	0.98562	0.66169	1.88E-02	0.00169	1.5E-05	0.00212	0.02257	2.48E-02	0.002236	1.21E-05	0.001313	2.84E-02	0.028731	0.002261	8.92E-06	0.001449	0.032449
1826	494311.06	3859151.99	1.38335	1.9856	1.61577	1.20831	3.16E-02	0.00212	2.4E-05	0.00386	0.03757	4.18E-02	0.002798	1.98E-05	0.002398	4.70E-02	0.048369	0.002828	1.46E-05	0.002646	0.053857

1827	494361.06	3859151.99	1.37361	2.05753	1.59503	1.20167	3.13E-02	0.00219	2.4E-05	0.00384	0.0374	4.15E-02	0.002899	1.95E-05	0.002385	4.68E-02	0.048028	0.00293	1.44E-05	0.002631	0.053604
1828	494411.06	3859151.99	1.3503	2.09941	1.559	1.17219	3.08E-02	0.00224	2.3E-05	0.00375	0.03682	4.08E-02	0.002958	1.91E-05	0.002327	4.61E-02	0.047213	0.00299	1.41E-05	0.002567	0.052784
1829	494461.06	3859151.99	1.32572	2.13554	1.52145	1.14079	3.03E-02	0.00228	2.3E-05	0.00365	0.0362	4.00E-02	0.003009	1.86E-05	0.002264	4.53E-02	0.046354	0.003041	1.38E-05	0.002498	0.051907
1830	494511.06	3859151.99	1.29342	2.15102	1.47521	1.0981	2.95E-02	0.00229	2.2E-05	0.00351	0.03534	3.90E-02	0.003031	1.81E-05	0.00218	4.43E-02	0.045224	0.003063	1.33E-05	0.002404	0.050706
1831	494561.06	3859151.99	1.27253	2.1885	1.44178	1.07304	2.90E-02	0.00233	2.2E-05	0.00343	0.03482	3.84E-02	0.003083	1.76E-05	0.00213	4.36E-02	0.044494	0.003117	1.3E-05	0.00235	0.049973
1832	494611.06	3859151.99	1.23828	2.19076	1.39353	1.02943	2.83E-02	0.00233	2.1E-05	0.00329	0.0339	3.74E-02	0.003087	1.71E-05	0.002043	4.25E-02	0.043296	0.00312	1.26E-05	0.002254	0.048683
1833	494661.06	3859151.99	1.21462	2.21361	1.35731	1.00128	2.77E-02	0.00236	2E-05	0.0032	0.0333	3.67E-02	0.003119	1.66E-05	0.001987	4.18E-02	0.042469	0.003153	1.23E-05	0.002192	0.047826
1834	494711.06	3859151.99	1.19334	2.23826	1.33283	0.97638	2.72E-02	0.00238	2E-05	0.00312	0.03276	3.60E-02	0.003154	1.63E-05	0.001938	4.11E-02	0.041725	0.003188	1.21E-05	0.002138	0.047063
1835	494761.06	3859151.99	1.16486	2.20515	1.29243	0.92622	2.66E-02	0.00235	1.9E-05	0.00296	0.03191	3.52E-02	0.003107	1.58E-05	0.001838	4.01E-02	0.040729	0.00314	1.17E-05	0.002028	0.04591
1836	494811.06	3859151.99	1.14116	2.17884	1.25804	0.88449	2.60E-02	0.00232	1.9E-05	0.00283	0.03121	3.44E-02	0.00307	1.54E-05	0.001756	3.93E-02	0.039901	0.003103	1.14E-05	0.001937	0.044952
1837	494861.06	3859151.99	1.1262	2.17699	1.23849	0.85662	2.57E-02	0.00232	1.9E-05	0.00274	0.03078	3.40E-02	0.003067	1.52E-05	0.0017	3.88E-02	0.039378	0.0031	1.12E-05	0.001876	0.044365
1838	494911.06	3859151.99	1.09415	2.11372	1.18962	0.80796	2.50E-02	0.00225	1.8E-05	0.00258	0.02982	3.30E-02	0.002978	1.46E-05	0.001604	3.76E-02	0.038257	0.00301	1.08E-05	0.001769	0.043047
1839	494961.06	3859151.99	1.04908	1.99519	1.11929	0.7402	2.39E-02	0.00213	1.7E-05	0.00237	0.02845	3.17E-02	0.002811	1.37E-05	0.001469	3.60E-02	0.036681	0.002841	1.01E-05	0.001621	0.041153
1840	495011.06	3859151.99	1.00332	1.88486	1.06434	0.69025	2.29E-02	0.00201	1.6E-05	0.00221	0.02713	3.03E-02	0.002656	1.3E-05	0.00137	3.43E-02	0.035081	0.002684	9.63E-06	0.001511	0.039286
1841	495061.06	3859151.99	0.99938	1.90368	1.06213	0.67998	2.28E-02	0.00203	1.6E-05	0.00217	0.02702	3.02E-02	0.002682	1.3E-05	0.00135	3.42E-02	0.034943	0.002711	9.61E-06	0.001489	0.039153
1842	495111.06	3859151.99	0.99031	1.9039	1.05525	0.66522	2.26E-02	0.00203	1.6E-05	0.00213	0.02677	2.99E-02	0.002682	1.29E-05	0.00132	3.39E-02	0.034626	0.002711	9.55E-06	0.001457	0.038804
1843	495161.06	3859151.99	0.99789	1.96089	1.07103	0.66823	2.28E-02	0.00209	1.6E-05	0.00214	0.02701	3.01E-02	0.002763	1.31E-05	0.001326	3.42E-02	0.034891	0.002793	9.69E-06	0.001463	0.039157
1844	495211.06	3859151.99	0.98867	1.95842	1.07457	0.65459	2.26E-02	0.00209	1.6E-05	0.00209	0.02676	2.98E-02	0.002759	1.32E-05	0.001299	3.39E-02	0.034569	0.002789	9.72E-06	0.001433	0.038801
1845	495261.06	3859151.99	0.97913	1.95331	1.0781	0.65487	2.23E-02	0.00208	1.6E-05	0.00209	0.02654	2.96E-02	0.002752	1.32E-05	0.0013	3.36E-02	0.034235	0.002782	9.75E-06	0.001434	0.038461
1846	495311.06	3859151.99	0.97078	1.95142	1.08488	0.65554	2.22E-02	0.00208	1.6E-05	0.0021	0.02635	2.93E-02	0.002749	1.33E-05	0.001301	3.34E-02	0.033943	0.002779	9.81E-06	0.001435	0.038168
1847	495361.06	3859151.99	0.96036	1.94052	1.08752	0.65597	2.19E-02	0.00207	1.6E-05	0.0021	0.0261	2.90E-02	0.002734	1.33E-05	0.001302	3.30E-02	0.033579	0.002764	9.84E-06	0.001436	0.037789
1848	495411.06	3859151.99	0.96111	1.97114	1.11583	0.6569	2.19E-02	0.0021	1.7E-05	0.0021	0.02615	2.90E-02	0.002777	1.37E-05	0.001304	3.31E-02	0.033605	0.002807	1.01E-05	0.001438	0.037861
1849	495461.06	3859151.99	0.95004	1.95565	1.11757	0.65711	2.17E-02	0.00208	1.7E-05	0.0021	0.02588	2.87E-02	0.002755	1.37E-05	0.001304	3.27E-02	0.033218	0.002785	1.01E-05	0.001439	0.037452
1850	495511.06	3859151.99	0.92808	1.8962	1.09442	0.65662	2.12E-02	0.00202	1.6E-05	0.0021	0.02532	2.80E-02	0.002672	1.34E-05	0.001303	3.20E-02	0.03245	0.0027	9.9E-06	0.001438	0.036598
1851	495561.06	3859151.99	0.91012	1.85093	1.08023	0.6562	2.08E-02	0.00197	1.6E-05	0.0021	0.02486	2.75E-02	0.002608	1.32E-05	0.001302	3.14E-02	0.031822	0.002636	9.77E-06	0.001437	0.035905
1852	495611.06	3859151.99	0.8934	1.80892	1.06855	0.65586	2.04E-02	0.00193	1.6E-05	0.0021	0.02443	2.70E-02	0.002549	1.31E-05	0.001302	3.08E-02	0.031238	0.002576	9.67E-06	0.001436	0.03526
1853	495661.06	3859151.99	0.87781	1.76974	1.059	0.65574	2.00E-02	0.00189	1.6E-05	0.0021	0.02403	2.65E-02	0.002493	1.3E-05	0.001302	3.03E-02	0.030693	0.00252	9.58E-06	0.001436	0.034658
1854	494311.06	3859201.99	1.42583	1.8832	1.67979	1.26509	3.25E-02	0.00201	2.5E-05	0.00404	0.03861	4.30E-02	0.002653	2.06E-05	0.002511	4.82E-02	0.049854	0.002682	1.52E-05	0.00277	0.055321
1855	494361.06	3859201.99	1.41218	1.87131	1.65533	1.25434	3.22E-02	0.00199	2.5E-05	0.00401	0.03826	4.26E-02	0.002637	2.03E-05	0.00249	4.78E-02	0.049377	0.002665	1.5E-05	0.002747	0.054803
1856	494411.06	3859201.99	1.39327	1.84597	1.62488	1.23357	3.18E-02	0.00197	2.4E-05	0.00394	0.03773	4.21E-02	0.002601	1.99E-05	0.002449	4.71E-02	0.048716	0.002629	1.47E-05	0.002701	0.05406
1857	494461.06	3859201.99	1.36555	1.8527	1.58446	1.1976	3.12E-02	0.00197	2.4E-05	0.00383	0.03699	4.12E-02	0.00261	1.94E-05	0.002377	4.62E-02	0.047746	0.002639	1.43E-05	0.002622	0.053022
1858	494511.06	3859201.99	1.34552	1.90373	1.5524	1.17461	3.07E-02	0.00203	2.3E-05	0.00376	0.03651	4.06E-02	0.002682	1.9E-05	0.002331	4.56E-02	0.047046	0.002711	1.4E-05	0.002572	0.052343
1859	494561.06	3859201.99	1.31273	1.92661	1.50597	1.13118	3.00E-02	0.00205	2.3E-05	0.00362	0.03565	3.96E-02	0.002714	1.84E-05	0.002245	4.46E-02	0.0459	0.002744	1.36E-05	0.002477	0.051134
1860	494611.06	3859201.99	1.28567	1.95872	1.46591	1.09766	2.93E-02	0.00209	2.2E-05	0.00351	0.03496	3.88E-02	0.00276	1.79E-05	0.002179	4.38E-02	0.044953	0.00279	1.33E-05	0.002404	0.05016
1861	494661.06	3859201.99	1.26302	1.99733	1.43085	1.07102	2.88E-02	0.00213	2.2E-05	0.00342	0.0344	3.81E-02	0.002814	1.75E-05	0.002126	4.31E-02	0.044161	0.002844	1.29E-05	0.002345	0.049364
1862	494711.06	3859201.99	1.23963	2.03177	1.39509	1.0435	2.83E-02	0.00216	2.1E-05	0.00334	0.03381	3.74E-02	0.002863	1.71E-05	0.002071	4.24E-02	0.043344	0.002894	1.26E-05	0.002285	0.048535
1863	494761.06	3859201.99	1.2018	2.02994	1.34334	0.9967	2.74E-02	0.00216	2E-05	0.00319	0.0328	3.63E-02	0.00286	1.64E-05	0.001978	4.11E-02	0.042021	0.002891	1.22E-05	0.002182	0.047106
1864	494811.06	3859201.99	1.16887	2.03442	1.29854	0.95795	2.67E-02	0.00217	2E-05	0.00306	0.03192	3.53E-02	0.002866	1.59E-05	0.001901	4.01E-02	0.040869	0.002897	1.17E-05	0.002098	0.045876
1865	494861.06	3859201.99	1.13822	2.01839	1.26417	0.90731	2.60E-02	0.00215	1.9E-05	0.0029	0.03105	3.44E-02	0.002844	1.55E-05	0.001801	3.90E-02	0.039798	0.002874	1.14E-05	0.001987	0.04467
1866	494911.06	3859201.99	1.10454	1.97277	1.21235	0.8592	2.52E-02	0.0021	1.8E-05	0.00275	0.03007	3.33E-02	0.00278	1.48E-05	0.001705	3.78E-02	0.03862	0.00281	1.1E-05	0.001881	0.043322
1867	494961.06	3859201.99	1.06778	1.90959	1.15418	0.80399	2.44E-02	0.00203	1.7E-05	0.00257	0.02899	3.22E-02	0.00269	1.41E-05	0.001596	3.65E-02	0.037335	0.00272	1.04E-05	0.00176	0.041825
1868	495011.06	3859201.99	1.01571	1.7939	1.07965	0.73309	2.32E-02	0.00191	1.6E-05	0.00234	0.02745	3.07E-02	0.002527	1.32E-05	0.001455	3.47E-02	0.035514	0.002555	9.77E-06	0.001605	0.039684
1869	495061.06	3859201.99	1.03769	1.90583	1.11378	0.75296	2.37E-02	0.00203	1.7E-05	0.00241	0.02814	3.13E-02	0.002685	1.36E-05	0.001495	3.55E-02	0.036283	0.002714	1.01E-05	0.001649	0.040656
1870	495111.06	3859201.99	1.03781	1.94928	1.12138	0.74658	2.37E-02	0.00208	1.7E-05	0.00239	0.02816	3.13E-02	0.002746	1.37E-05	0.001482	3.56E-02	0.036287	0.002776	1.01E-05	0.001635	0.040708
1871	495161.06	3859201.99	1.03428	1.98004	1.12341	0.73656	2.36E-02	0.00211	1.7E-05	0.00235	0.02808	3.12E-02	0.00279	1.37E-05	0.001462	3.55E-02	0.036164	0.00282	1.02E-05	0.001613	0.040606
1872	495211.06	3859201.99	1.02229	1.9805	1.11115	0.71722	2.33E-02	0.00211	1.7E-05	0.00229	0.02775	3.09E-02	0.00279	1.36E-05	0.001424	3.51E-02	0.035744	0.002821	1.01E-05	0.00157	0.040145
1873	495261.06	3859201.99	1.0204	2.01452	1.118	0.71053	2.33E-02	0.00215	1.7E-05	0.00227	0.02772	3.08E-02	0.002838	1.37E-05	0.00141	3.51E-02	0.035678	0.002869	1.01E-05	0.001556	0.040113
1874	495311.06	3859201.99	1.0138	2.03111	1.12713	0.69913	2.31E-02	0.00216	1.7E-05	0.00224	0.02755	3.06E-02	0.002862	1.38E-05	0.001388	3.49E-02	0.035447	0.002893	1.02E-05	0.001531	0.039881
1875	495361.06	3859201.99	1.00807	2.04975	1.13905	0.68951	2.30E-02	0.00218	1.7E-05	0.0022	0.02741	3.04E-02	0.002888	1.39E-05	0.001369	3.47E-02	0.035247	0.002919	1.03E-05	0.00151	0.039686
1876	495411.06	3859201.99	1.0078	2.0881	1.16409	0.68734	2.30E-02	0.00222	1.8E-05	0.0022	0.02744	3.04E-02	0.002942	1.42E-05	0.001364	3.47E-02	0.035238	0.002974	1.05E-05	0.001505	0.039727
1877	495461.06	3859201.99	0.99561	2.08023	1.16261	0.67163	2.27E-02	0.00222	1.8E-05	0.00215	0.0271	3.00E-02	0.002931	1.42E-05	0.001333	3.43E-02	0.034811	0.002963	1.05E-05	0.001471	0.039255
1878	495511.06	3859201.99	0.98295	2.06874	1.16041	0.66528	2.24E-02	0.0022	1.7E-05	0.00213	0.02678	2.97E-02	0.002915	1.42E-05	0.001321	3.39E-02	0.034369	0.002946	1.05E-05	0.001457	0.038782
1879	495561.06	3859201.99	0.96069	2.01772	1.13642	0.65023	2.19E-02	0.00215	1.7E-05	0.00208	0.02617	2.90E-02	0.002843	1.39E-05	0.001291	3.31E-02	0.03359	0.002874	1.03E-05	0.001424	0.037898
1880	495611.06	3859201.99	0.94282	1.98175	1.12248	0.64601	2.15E-02	0.00211	1.7E-05	0.00207	0.02571	2.85E-02	0.002792	1.37E-05	0.001282	3.25E-02	0.032966	0.002822	1.02E-05	0.001415	0.037213
1881	495661.06	3859201.99	0.92843	1.95753	1.11643	0.64639	2.12E-02	0.00209	1.7E-05	0.00207	0.02536	2.80E-02	0.002758	1.37E-05	0.001283	3.21E-02	0.032463	0.002788	1.01E-05	0.001415	0.036676
1882	494311.06	3859251.99	1.46211	1.87675	1.73495	1.30418	3.34E-02	0.002	2.6E-05	0.00417	0.03956	4.41E-02	0.002644	2.12E-05	0.002589	4.94E-02	0.051123	0.002673	1.57E-05	0.002856	0.056667
1883	494361.06	3859251.99	1.44451	1.8331	1.70682	1.28683	3.30E-02	0.00195	2.6E-05	0.00411	0.03906	4.36E-02	0.002583	2.09E-05	0.002554	4.88E-02	0.050507	0.002611	1.54E-05	0.002818	0.055951
1884	494411.06	3859251.99	1.41945	1.8141	1.67035	1.25521	3.24E-02	0.00193	2.5E-05	0.00401	0.03836	4.28E-02	0.002556	2.04E-05	0.002491	4.79E-02	0.049631	0.002584	1.51E-05	0.002748	0.054978
1885	494461.06	3859251.99	1.40177	1.80246	1.64157	1.23821	3.20E-02	0.00192	2.5E-05	0.00396	0.03789	4.23E-02	0.00254	2.01E-05	0.002458	4.73E-02	0.049013	0.002567	1.49E-05	0.002711	0.054306
1886	494511.06	3859251.99	1.37212	1.76994	1.5994	1.20006	3.13E-02	0.00189	2.4E-05	0.00384	0.03706	4.14E-02	0.002494	1.96E-05	0.002382	4.63E-02	0.047976	0.002521	1.45E-05	0.002628	0.053139
1887	494561.06	3859251.99	1.35139	1.75402	1.56683	1.17771	3.08E-02	0.00187	2.4E-05	0.00377	0.0365	4.08E-02	0.002471	1.92E-05	0.002338	4.56E-02	0.047251	0.002498	1.42E-05	0.002579	0.052342

1888	494611.06	3859251.99	1.3237	1.7253	1.52635	1.14395		3.02E-02	0.00184	2.3E-05	0.00366	0.03573		4.00E-02	0.002431	1.87E-05	0.002271	4.47E-02		0.046283	0.002457	1.38E-05	0.002505	0.051259
1889	494661.06	3859251.99	1.30734	1.73662	1.49851	1.12836		2.98E-02	0.00185	2.3E-05	0.00361	0.03531		3.95E-02	0.002447	1.83E-05	0.00224	4.42E-02		0.045711	0.002473	1.36E-05	0.002471	0.050669
1890	494711.06	3859251.99	1.28498	1.78072	1.46394	1.10316		2.93E-02	0.0019	2.2E-05	0.00353	0.03477		3.88E-02	0.002509	1.79E-05	0.00219	4.35E-02		0.044929	0.002536	1.32E-05	0.002416	0.049894
1891	494761.06	3859251.99	1.23034	1.75964	1.39354	1.0253		2.81E-02	0.00187	2.1E-05	0.00328	0.03325		3.71E-02	0.002479	1.71E-05	0.002035	4.17E-02		0.043019	0.002506	1.26E-05	0.002245	0.047782
1892	494811.06	3859251.99	1.21898	1.81997	1.37113	1.02248		2.78E-02	0.00194	2.1E-05	0.00327	0.03305		3.68E-02	0.002564	1.68E-05	0.00203	4.14E-02		0.042622	0.002592	1.24E-05	0.002239	0.047465
1893	494861.06	3859251.99	1.1657	1.79141	1.30489	0.95438		2.66E-02	0.00191	2E-05	0.00305	0.03158		3.52E-02	0.002524	1.6E-05	0.001894	3.96E-02		0.040759	0.002551	1.18E-05	0.00209	0.045411
1894	494911.06	3859251.99	1.11604	1.76727	1.23734	0.90389		2.55E-02	0.00188	1.9E-05	0.00289	0.03026		3.37E-02	0.00249	1.51E-05	0.001794	3.80E-02		0.039022	0.002517	1.12E-05	0.001979	0.04353
1895	494961.06	3859251.99	1.09335	1.78413	1.2052	0.87553		2.50E-02	0.0019	1.8E-05	0.0028	0.02967		3.30E-02	0.002514	1.48E-05	0.001738	3.73E-02		0.038229	0.002541	1.09E-05	0.001917	0.042698
1896	495011.06	3859251.99	1.0739	1.7842	1.17674	0.84149		2.45E-02	0.0019	1.8E-05	0.00269	0.02912		3.24E-02	0.002514	1.44E-05	0.00167	3.66E-02		0.037549	0.002541	1.06E-05	0.001843	0.041943
1897	495061.06	3859251.99	1.07829	1.85089	1.18978	0.83979		2.46E-02	0.00197	1.8E-05	0.00268	0.02928		3.25E-02	0.002608	1.46E-05	0.001667	3.68E-02		0.037702	0.002636	1.08E-05	0.001839	0.042188
1898	495111.06	3859251.99	1.07167	1.88441	1.18426	0.82385		2.45E-02	0.00201	1.8E-05	0.00263	0.02912		3.23E-02	0.002655	1.45E-05	0.001635	3.66E-02		0.037471	0.002684	1.07E-05	0.001804	0.041969
1899	495161.06	3859251.99	1.06901	1.92902	1.18628	0.81359		2.44E-02	0.00206	1.8E-05	0.0026	0.02907		3.23E-02	0.002718	1.45E-05	0.001615	3.66E-02		0.037378	0.002747	1.07E-05	0.001781	0.041917
1900	495211.06	3859251.99	1.05981	1.95154	1.17742	0.79527		2.42E-02	0.00208	1.8E-05	0.00254	0.02883		3.20E-02	0.00275	1.44E-05	0.001579	3.63E-02		0.037056	0.002779	1.07E-05	0.001741	0.041588
1901	495261.06	3859251.99	1.05651	1.98725	1.18181	0.78051		2.41E-02	0.00212	1.8E-05	0.0025	0.02874		3.19E-02	0.0028	1.45E-05	0.001549	3.63E-02		0.036941	0.00283	1.07E-05	0.001709	0.041491
1902	495311.06	3859251.99	1.05516	2.03839	1.18645	0.77884		2.41E-02	0.00217	1.8E-05	0.00249	0.02876		3.18E-02	0.002872	1.45E-05	0.001546	3.63E-02		0.036894	0.002903	1.07E-05	0.001705	0.041513
1903	495361.06	3859251.99	1.04771	2.0629	1.18295	0.76501		2.39E-02	0.0022	1.8E-05	0.00245	0.02857		3.16E-02	0.002906	1.45E-05	0.001518	3.61E-02		0.036633	0.002938	1.07E-05	0.001675	0.041257
1904	495411.06	3859251.99	1.04718	2.11119	1.20051	0.76125		2.39E-02	0.00225	1.8E-05	0.00243	0.0286		3.16E-02	0.002975	1.47E-05	0.001511	3.61E-02		0.036615	0.003007	1.09E-05	0.001667	0.041299
1905	495461.06	3859251.99	1.03728	2.12457	1.20268	0.74573		2.37E-02	0.00226	1.8E-05	0.00238	0.02834		3.13E-02	0.002993	1.47E-05	0.00148	3.58E-02		0.036268	0.003026	1.09E-05	0.001633	0.040938
1906	495511.06	3859251.99	1.0176	2.09946	1.18328	0.71817		2.32E-02	0.00224	1.8E-05	0.0023	0.02777		3.07E-02	0.002958	1.45E-05	0.001425	3.51E-02		0.03558	0.00299	1.07E-05	0.001573	0.040154
1907	495561.06	3859251.99	1.00416	2.09545	1.17847	0.69995		2.29E-02	0.00223	1.8E-05	0.00224	0.0274		3.03E-02	0.002952	1.44E-05	0.001389	3.47E-02		0.03511	0.002984	1.07E-05	0.001533	0.039638
1908	495611.06	3859251.99	0.98525	2.06821	1.16156	0.67562		2.25E-02	0.0022	1.8E-05	0.00216	0.02687		2.97E-02	0.002914	1.42E-05	0.001341	3.40E-02		0.034449	0.002945	1.05E-05	0.001479	0.038885
1909	495661.06	3859251.99	0.97056	2.05501	1.15453	0.67099		2.21E-02	0.00219	1.7E-05	0.00215	0.0265		2.93E-02	0.002895	1.41E-05	0.001332	3.35E-02		0.033936	0.002927	1.04E-05	0.001469	0.038342
1910	494311.06	3859301.99	1.48844	1.94142	1.77832	1.32116		3.40E-02	0.00207	2.7E-05	0.00422	0.04029		4.49E-02	0.002735	2.18E-05	0.002622	5.03E-02		0.052043	0.002765	1.61E-05	0.002893	0.057717
1911	494361.06	3859301.99	1.47225	1.91203	1.75238	1.3055		3.36E-02	0.00204	2.6E-05	0.00417	0.03984		4.44E-02	0.002694	2.14E-05	0.002591	4.97E-02		0.051477	0.002723	1.59E-05	0.002859	0.057075
1912	494411.06	3859301.99	1.45034	1.87008	1.72005	1.2785		3.31E-02	0.00199	2.6E-05	0.00409	0.0392		4.38E-02	0.002635	2.11E-05	0.002538	4.90E-02		0.050711	0.002663	1.56E-05	0.002799	0.056189
1913	494461.06	3859301.99	1.42701	1.82135	1.68575	1.25043		3.26E-02	0.00194	2.5E-05	0.004	0.03853		4.31E-02	0.002566	2.06E-05	0.002482	4.81E-02		0.049895	0.002594	1.53E-05	0.002738	0.055242
1914	494511.06	3859301.99	1.40508	1.77146	1.65256	1.22627		3.21E-02	0.00189	2.5E-05	0.00392	0.0379		4.24E-02	0.002496	2.02E-05	0.002434	4.74E-02		0.049129	0.002523	1.5E-05	0.002685	0.054351
1915	494561.06	3859301.99	1.38675	1.72466	1.62304	1.20913		3.16E-02	0.00184	2.4E-05	0.00387	0.03737		4.19E-02	0.00243	1.99E-05	0.0024	4.67E-02		0.048488	0.002456	1.47E-05	0.002648	0.053606
1916	494611.06	3859301.99	1.36558	1.7126	1.5902	1.18711		3.12E-02	0.00182	2.4E-05	0.0038	0.03681		4.12E-02	0.002413	1.95E-05	0.002356	4.60E-02		0.047747	0.002439	1.44E-05	0.002599	0.0528
1917	494661.06	3859301.99	1.34391	1.70296	1.55665	1.16444		3.07E-02	0.00181	2.3E-05	0.00372	0.03623		4.06E-02	0.002399	1.91E-05	0.002311	4.53E-02		0.04699	0.002425	1.41E-05	0.00255	0.051979
1918	494711.06	3859301.99	1.317	1.68187	1.51713	1.13303		3.01E-02	0.00179	2.3E-05	0.00362	0.03549		3.97E-02	0.00237	1.86E-05	0.002249	4.44E-02		0.046049	0.002395	1.37E-05	0.002481	0.050939
1919	494761.06	3859301.99	1.29208	1.65624	1.47976	1.10533		2.95E-02	0.00176	2.2E-05	0.00353	0.03481		3.90E-02	0.002334	1.81E-05	0.002194	4.35E-02		0.045178	0.002359	1.34E-05	0.00242	0.04997
1920	494811.06	3859301.99	1.25569	1.61135	1.42945	1.06113		2.87E-02	0.00172	2.2E-05	0.00339	0.03379		3.79E-02	0.00227	1.75E-05	0.002106	4.23E-02		0.043905	0.002295	1.29E-05	0.002324	0.048536
1921	494861.06	3859301.99	1.20325	1.54198	1.36087	0.99805		2.75E-02	0.00164	2.1E-05	0.00319	0.03231		3.63E-02	0.002173	1.67E-05	0.001981	4.05E-02		0.042072	0.002196	1.23E-05	0.002185	0.046465
1922	494911.06	3859301.99	1.17511	1.57082	1.32009	0.96858		2.68E-02	0.00167	2E-05	0.0031	0.03161		3.55E-02	0.002213	1.62E-05	0.001923	3.96E-02		0.041088	0.002237	1.19E-05	0.002121	0.045458
1923	494961.06	3859301.99	1.1186	1.54426	1.24739	0.9038		2.55E-02	0.00165	1.9E-05	0.00289	0.03008		3.38E-02	0.002176	1.53E-05	0.001794	3.77E-02		0.039112	0.002199	1.13E-05	0.001979	0.043301
1924	495011.06	3859301.99	1.09626	1.57764	1.21399	0.88205		2.50E-02	0.00168	1.8E-05	0.00282	0.02954		3.31E-02	0.002223	1.49E-05	0.001751	3.71E-02		0.038331	0.002247	1.1E-05	0.001931	0.04252
1925	495061.06	3859301.99	1.11685	1.69455	1.23819	0.9078		2.55E-02	0.00181	1.9E-05	0.0029	0.03021		3.37E-02	0.002388	1.52E-05	0.001802	3.79E-02		0.039051	0.002413	1.12E-05	0.001988	0.043463
1926	495111.06	3859301.99	1.08547	1.7077	1.21212	0.87524		2.48E-02	0.00182	1.8E-05	0.0028	0.02941		3.28E-02	0.002406	1.48E-05	0.001737	3.69E-02		0.037953	0.002432	1.1E-05	0.001916	0.042313
1927	495161.06	3859301.99	1.08356	1.76464	1.21644	0.87106		2.47E-02	0.00188	1.8E-05	0.00278	0.02941		3.27E-02	0.002486	1.49E-05	0.001729	3.69E-02		0.037887	0.002513	1.1E-05	0.001907	0.042318
1928	495211.06	3859301.99	1.0903	1.84333	1.23456	0.87455		2.49E-02	0.00196	1.9E-05	0.0028	0.02966		3.29E-02	0.002597	1.51E-05	0.001736	3.73E-02		0.038122	0.002625	1.12E-05	0.001915	0.042674
1929	495261.06	3859301.99	1.09052	1.90368	1.24198	0.86895		2.49E-02	0.00203	1.9E-05	0.00278	0.02971		3.29E-02	0.002682	1.52E-05	0.001725	3.73E-02		0.03813	0.002711	1.12E-05	0.001903	0.042755
1930	495311.06	3859301.99	1.07746	1.92208	1.22656	0.84377		2.46E-02	0.00205	1.8E-05	0.0027	0.02935		3.25E-02	0.002708	1.5E-05	0.001675	3.69E-02		0.037673	0.002737	1.11E-05	0.001848	0.042269
1931	495361.06	3859301.99	1.07783	1.98199	1.23548	0.83954		2.46E-02	0.00211	1.9E-05	0.00268	0.02941		3.25E-02	0.002792	1.51E-05	0.001666	3.70E-02		0.037686	0.002823	1.12E-05	0.001838	0.042358
1932	495411.06	3859301.99	1.07276	2.0238	1.23542	0.82784		2.45E-02	0.00216	1.9E-05	0.00265	0.0293		3.24E-02	0.002851	1.51E-05	0.001643	3.69E-02		0.037509	0.002882	1.12E-05	0.001813	0.042215
1933	495461.06	3859301.99	1.06838	2.06719	1.23726	0.81808		2.44E-02	0.0022	1.9E-05	0.00262	0.02922		3.22E-02	0.002913	1.51E-05	0.001624	3.68E-02		0.037356	0.002944	1.12E-05	0.001791	0.042102
1934	495511.06	3859301.99	1.05408	2.07486	1.22182	0.79401		2.41E-02	0.00221	1.8E-05	0.00254	0.02882		3.18E-02	0.002923	1.5E-05	0.001576	3.63E-02		0.036856	0.002955	1.11E-05	0.001739	0.04156
1935	495561.06	3859301.99	1.03156	2.05069	1.19184	0.75927		2.35E-02	0.00218	1.8E-05	0.00243	0.02817		3.11E-02	0.002889	1.46E-05	0.001507	3.55E-02		0.036068	0.00292	1.08E-05	0.001663	0.040662
1936	495611.06	3859301.99	1.01955	2.06161	1.18658	0.74099		2.33E-02	0.0022	1.8E-05	0.00237	0.02785		3.08E-02	0.002905	1.45E-05	0.001471	3.52E-02		0.035649	0.002936	1.07E-05	0.001623	0.040218
1937	495661.06	3859301.99	1.0066	2.06712	1.18221	0.72247		2.30E-02	0.0022	1.8E-05	0.00231	0.0275		3.04E-02	0.002912	1.45E-05	0.001434	3.47E-02		0.035196	0.002944	1.07E-05	0.001582	0.039732
1938	494311.06	3859351.99	1.52186	1.92926	1.80744	1.31194		3.47E-02	0.00206	2.7E-05	0.00419	0.04101		4.59E-02	0.002718	2.21E-05	0.002604	5.13E-02		0.053212	0.002748	1.64E-05	0.002873	0.058848
1939	494361.06	3859351.99	1.49834	1.91941	1.78493	1.29952		3.42E-02	0.00204	2.7E-05	0.00415	0.04042		4.52E-02	0.002704	2.18E-05	0.002579	5.05E-02		0.052389	0.002734	1.61E-05	0.002846	0.057985
1940	494411.06	3859351.99	1.46995	1.89557	1.75477	1.27221		3.35E-02	0.00202	2.6E-05	0.00407	0.03966		4.44E-02	0.002671	2.15E-05	0.002525	4.96E-02		0.051397	0.0027	1.59E-05	0.002786	0.056898
1941	494461.06	3859351.99	1.44801	1.86867	1.72554	1.25087		3.30E-02	0.00199	2.6E-05	0.004	0.03906		4.37E-02	0.002633	2.11E-05	0.002483	4.88E-02		0.05063	0.002661	1.56E-05	0.002739	0.056045
1942	494511.06	3859351.99	1.42977	1.83843	1.69669	1.23274		3.26E-02	0.00196	2.6E-05	0.00394	0.03855		4.32E-02	0.00259	2.08E-05	0.002447	4.82E-02		0.049992	0.002618	1.53E-05	0.002699	0.055325
1943	494561.06	3859351.99	1.41542	1.81018	1.67169	1.22274		3.23E-02	0.00193	2.5E-05	0.00391	0.03816		4.27E-02	0.00255	2.05E-05	0.002427	4.77E-02		0.04949	0.002578	1.51E-05	0.002677	0.054761
1944	494611.06	3859351.99	1.3977	1.77349	1.64293	1.20705		3.19E-02	0.00189	2.5E-05	0.00386	0.03767		4.22E-02	0.002499	2.01E-05	0.002396	4.71E-02		0.048871	0.002526	1.49E-05	0.002643	0.054054
1945	494661.06	3859351.99	1.37793	1.73053	1.61176	1.18767		3.14E-02	0.00184	2.4E-05	0.0038	0.03711		4.16E-02	0.002438	1.97E-05	0.002357	4.64E-02		0.048179	0.002465	1.46E-05	0.002601	0.053259
1946	494711.06	3859351.99	1.35155	1.67398	1.57316	1.15777		3.08E-02	0.00178	2.4E-05	0.0037	0.03635		4.08E-02	0.002359	1.93E-05	0.002298	4.55E-02		0.047257	0.002384	1.42E-05	0.002535	0.05219
1947	494761.06	3859351.99	1.3162	1.6253	1.5264	1.11188		3.00E-02	0.00173	2.3E-05	0.00355	0.03535		3.97E-02	0.00229	1.87E-05	0.002207	4.42E-02		0.046021	0.002315	1.38E-05	0.002435	0.050784
1948	494811.06	3859351.99	1.2649	1.58663	1.45694	1.0513		2.89E-02	0.00169	2.2E-05	0.00336	0.03394		3.82E-02	0.002235	1.78E-05	0.002087	4.25E-02		0.044227	0.00226	1.32E-05	0.002302	0.048802

1949	494861.06	3859351.99	1.24386	1.56804	1.42377	1.03223	2.84E-02	0.00167	2.1E-05	0.0033	0.03338	3.75E-02	0.002209	1.74E-05	0.002049	4.18E-02	0.043491	0.002233	1.29E-05	0.00226	0.047998
1950	494911.06	3859351.99	1.22911	1.55133	1.39787	1.02125	2.80E-02	0.00165	2.1E-05	0.00326	0.03299	3.71E-02	0.002186	1.71E-05	0.002027	4.13E-02	0.042976	0.002209	1.26E-05	0.002236	0.047434
1951	494961.06	3859351.99	1.2033	1.51733	1.35953	0.99555	2.75E-02	0.00162	2E-05	0.00318	0.03228	3.63E-02	0.002138	1.66E-05	0.001976	4.04E-02	0.042073	0.002161	1.23E-05	0.00218	0.046426
1952	495011.06	3859351.99	1.18398	1.48614	1.32879	0.97797	2.70E-02	0.00158	2E-05	0.00313	0.03175	3.57E-02	0.002094	1.63E-05	0.001941	3.98E-02	0.041398	0.002116	1.2E-05	0.002141	0.045668
1953	495061.06	3859351.99	1.19038	1.51973	1.32742	0.99382	2.72E-02	0.00162	2E-05	0.00318	0.03198	3.59E-02	0.002141	1.62E-05	0.001973	4.01E-02	0.041622	0.002164	1.2E-05	0.002176	0.045974
1954	495111.06	3859351.99	1.16792	1.55967	1.29364	0.97134	2.67E-02	0.00166	1.9E-05	0.00311	0.03144	3.52E-02	0.002197	1.58E-05	0.001928	3.94E-02	0.040836	0.002221	1.17E-05	0.002127	0.045196
1955	495161.06	3859351.99	1.15467	1.61627	1.27445	0.96086	2.64E-02	0.00172	1.9E-05	0.00307	0.03116	3.48E-02	0.002277	1.56E-05	0.001907	3.90E-02	0.040373	0.002302	1.15E-05	0.002104	0.04479
1956	495211.06	3859351.99	1.13965	1.66918	1.27429	0.94788	2.60E-02	0.00178	1.9E-05	0.00303	0.03084	3.44E-02	0.002352	1.56E-05	0.001881	3.86E-02	0.039848	0.002377	1.15E-05	0.002076	0.044312
1957	495261.06	3859351.99	1.13069	1.73436	1.28189	0.94307	2.58E-02	0.00185	1.9E-05	0.00302	0.03069	3.41E-02	0.002444	1.57E-05	0.001872	3.85E-02	0.039535	0.00247	1.16E-05	0.002065	0.044081
1958	495311.06	3859351.99	1.10956	1.7725	1.27321	0.92151	2.53E-02	0.00189	1.9E-05	0.00295	0.03017	3.35E-02	0.002497	1.56E-05	0.001829	3.78E-02	0.038796	0.002524	1.15E-05	0.002018	0.043349
1959	495361.06	3859351.99	1.09754	1.82183	1.27194	0.90782	2.50E-02	0.00194	1.9E-05	0.0029	0.02991	3.31E-02	0.002567	1.56E-05	0.001802	3.75E-02	0.038375	0.002595	1.15E-05	0.001988	0.042969
1960	495411.06	3859351.99	1.09515	1.87876	1.27567	0.89937	2.50E-02	0.002	1.9E-05	0.00288	0.02989	3.31E-02	0.002647	1.56E-05	0.001785	3.75E-02	0.038292	0.002676	1.15E-05	0.001969	0.042948
1961	495461.06	3859351.99	1.0943	1.94056	1.2826	0.89433	2.50E-02	0.00207	1.9E-05	0.00286	0.02992	3.30E-02	0.002734	1.57E-05	0.001775	3.76E-02	0.038262	0.002764	1.16E-05	0.001958	0.042996
1962	495511.06	3859351.99	1.07801	1.95269	1.26278	0.86304	2.46E-02	0.00208	1.9E-05	0.00276	0.02946	3.25E-02	0.002751	1.55E-05	0.001713	3.70E-02	0.037693	0.002781	1.14E-05	0.00189	0.042375
1963	495561.06	3859351.99	1.06498	1.97314	1.24897	0.83875	2.43E-02	0.0021	1.9E-05	0.00268	0.02911	3.21E-02	0.00278	1.53E-05	0.001665	3.66E-02	0.037237	0.00281	1.13E-05	0.001837	0.041895
1964	495611.06	3859351.99	1.05478	2.00119	1.24067	0.82009	2.41E-02	0.00213	1.9E-05	0.00262	0.02884	3.18E-02	0.00282	1.52E-05	0.001628	3.63E-02	0.03688	0.00285	1.12E-05	0.001796	0.041537
1965	495661.06	3859351.99	1.0362	1.99856	1.21754	0.78924	2.36E-02	0.00213	1.8E-05	0.00252	0.02832	3.13E-02	0.002816	1.49E-05	0.001567	3.57E-02	0.036231	0.002846	1.1E-05	0.001728	0.040816
1966	494311.06	3859401.99	1.55865	2.03447	1.89138	1.37779	3.56E-02	0.00217	2.9E-05	0.0044	0.04217	4.70E-02	0.002866	2.31E-05	0.002735	5.27E-02	0.054498	0.002897	1.71E-05	0.003017	0.06043
1967	494361.06	3859401.99	1.53444	1.99232	1.8486	1.32261	3.50E-02	0.00212	2.8E-05	0.00423	0.0414	4.63E-02	0.002807	2.26E-05	0.002625	5.18E-02	0.053652	0.002837	1.67E-05	0.002896	0.059402
1968	494411.06	3859401.99	1.50805	1.93973	1.80266	1.2643	3.44E-02	0.00207	2.7E-05	0.00404	0.04055	4.55E-02	0.002733	2.21E-05	0.00251	5.08E-02	0.052729	0.002762	1.63E-05	0.002768	0.058276
1969	494461.06	3859401.99	1.48407	1.88165	1.75899	1.24242	3.39E-02	0.002	2.7E-05	0.00397	0.03987	4.48E-02	0.002651	2.15E-05	0.002466	4.99E-02	0.05189	0.00268	1.59E-05	0.00272	0.057307
1970	494511.06	3859401.99	1.46302	1.84934	1.73916	1.23879	3.34E-02	0.00197	2.6E-05	0.00396	0.03934	4.42E-02	0.002606	2.13E-05	0.002459	4.92E-02	0.051154	0.002634	1.57E-05	0.002713	0.056516
1971	494561.06	3859401.99	1.43977	1.83775	1.71598	1.2295	3.29E-02	0.00196	2.6E-05	0.00393	0.03877	4.35E-02	0.002589	2.1E-05	0.00244	4.85E-02	0.050341	0.002617	1.55E-05	0.002692	0.055666
1972	494611.06	3859401.99	1.42228	1.81589	1.68796	1.21194	3.25E-02	0.00193	2.5E-05	0.00387	0.03829	4.29E-02	0.002558	2.07E-05	0.002406	4.79E-02	0.04973	0.002586	1.53E-05	0.002654	0.054985
1973	494661.06	3859401.99	1.40909	1.79622	1.664	1.20395	3.22E-02	0.00191	2.5E-05	0.00385	0.03794	4.25E-02	0.002531	2.04E-05	0.00239	4.75E-02	0.049269	0.002558	1.51E-05	0.002636	0.054478
1974	494711.06	3859401.99	1.39205	1.76724	1.63586	1.18901	3.18E-02	0.00188	2.5E-05	0.0038	0.03748	4.20E-02	0.00249	2E-05	0.00236	4.69E-02	0.048673	0.002517	1.48E-05	0.002604	0.053808
1975	494761.06	3859401.99	1.3579	1.70499	1.59181	1.14499	3.10E-02	0.00182	2.4E-05	0.00366	0.03649	4.10E-02	0.002402	1.95E-05	0.002273	4.57E-02	0.047479	0.002428	1.44E-05	0.002507	0.052429
1976	494811.06	3859401.99	1.33091	1.65517	1.54948	1.11544	3.04E-02	0.00176	2.3E-05	0.00357	0.03573	4.02E-02	0.002332	1.9E-05	0.002214	4.47E-02	0.046535	0.002357	1.4E-05	0.002442	0.051349
1977	494861.06	3859401.99	1.29416	1.58406	1.49873	1.07282	2.95E-02	0.00169	2.3E-05	0.00343	0.03467	3.91E-02	0.002232	1.83E-05	0.002129	4.34E-02	0.04525	0.002256	1.36E-05	0.002349	0.049869
1978	494911.06	3859401.99	1.27031	1.54051	1.46277	1.04572	2.90E-02	0.00164	2.2E-05	0.00334	0.034	3.83E-02	0.00217	1.79E-05	0.002076	4.26E-02	0.044416	0.002194	1.32E-05	0.00229	0.048913
1979	494961.06	3859401.99	1.25617	1.53646	1.43675	1.04133	2.87E-02	0.00164	2.2E-05	0.00333	0.03365	3.79E-02	0.002165	1.76E-05	0.002067	4.22E-02	0.043922	0.002188	1.3E-05	0.00228	0.048403
1980	495011.06	3859401.99	1.2457	1.53002	1.41552	1.03732	2.84E-02	0.00163	2.1E-05	0.00332	0.0334	3.76E-02	0.002156	1.73E-05	0.002059	4.18E-02	0.043556	0.002179	1.28E-05	0.002271	0.048019
1981	495061.06	3859401.99	1.23761	1.52105	1.39925	1.03385	2.82E-02	0.00162	2.1E-05	0.00331	0.03319	3.74E-02	0.002143	1.71E-05	0.002052	4.16E-02	0.043273	0.002166	1.27E-05	0.002264	0.047716
1982	495111.06	3859401.99	1.21552	1.4954	1.36438	1.01141	2.77E-02	0.00159	2.1E-05	0.00323	0.03259	3.67E-02	0.002107	1.67E-05	0.002008	4.08E-02	0.042501	0.00213	1.23E-05	0.002215	0.046857
1983	495161.06	3859401.99	1.20594	1.48077	1.34345	1.012	2.75E-02	0.00158	2E-05	0.00324	0.03235	3.64E-02	0.002086	1.64E-05	0.002009	4.05E-02	0.042166	0.002109	1.22E-05	0.002216	0.046503
1984	495211.06	3859401.99	1.19872	1.46494	1.32662	1.01206	2.74E-02	0.00156	2E-05	0.00324	0.03217	3.62E-02	0.002064	1.62E-05	0.002009	4.03E-02	0.041913	0.002086	1.2E-05	0.002216	0.046228
1985	495261.06	3859401.99	1.18431	1.5163	1.30449	1.00138	2.70E-02	0.00162	2E-05	0.0032	0.03186	3.57E-02	0.002136	1.6E-05	0.001988	3.99E-02	0.041409	0.002159	1.18E-05	0.002193	0.045773
1986	495311.06	3859401.99	1.16802	1.56929	1.29878	0.98779	2.67E-02	0.00167	2E-05	0.00316	0.0315	3.53E-02	0.002211	1.59E-05	0.001961	3.94E-02	0.04084	0.002235	1.17E-05	0.002163	0.045249
1987	495361.06	3859401.99	1.16048	1.64048	1.30983	0.98744	2.65E-02	0.00175	2E-05	0.00316	0.03141	3.50E-02	0.002311	1.6E-05	0.00196	3.93E-02	0.040576	0.002336	1.18E-05	0.002162	0.045086
1988	495411.06	3859401.99	1.14662	1.69879	1.31259	0.9773	2.62E-02	0.00181	2E-05	0.00312	0.03112	3.46E-02	0.002393	1.61E-05	0.00194	3.90E-02	0.040092	0.002419	1.19E-05	0.00214	0.044663
1989	495461.06	3859401.99	1.12657	1.74283	1.30682	0.95742	2.57E-02	0.00186	2E-05	0.00306	0.03065	3.40E-02	0.002456	1.6E-05	0.0019	3.84E-02	0.03939	0.002482	1.18E-05	0.002096	0.043981
1990	495511.06	3859401.99	1.10046	1.77117	1.2923	0.92839	2.51E-02	0.00189	1.9E-05	0.00297	0.02999	3.32E-02	0.002495	1.58E-05	0.001843	3.76E-02	0.038478	0.002522	1.17E-05	0.002033	0.043044
1991	495561.06	3859401.99	1.07813	1.7884	1.27193	0.89445	2.46E-02	0.00191	1.9E-05	0.00286	0.02939	3.25E-02	0.00252	1.56E-05	0.001775	3.68E-02	0.037697	0.002547	1.15E-05	0.001959	0.042214
1992	495611.06	3859401.99	1.06846	1.82503	1.26382	0.87443	2.44E-02	0.00194	1.9E-05	0.0028	0.02914	3.22E-02	0.002571	1.55E-05	0.001736	3.66E-02	0.037359	0.002599	1.14E-05	0.001915	0.041884
1993	495661.06	3859401.99	1.05973	1.8635	1.25769	0.85687	2.42E-02	0.00199	1.9E-05	0.00274	0.02893	3.20E-02	0.002626	1.54E-05	0.001701	3.63E-02	0.037053	0.002654	1.14E-05	0.001876	0.041595
1994	494311.06	3859451.99	1.5835	2.12752	1.96332	1.4276	3.61E-02	0.00227	3E-05	0.00456	0.043	4.78E-02	0.002998	2.4E-05	0.002834	5.36E-02	0.055367	0.00303	1.78E-05	0.003126	0.061541
1995	494361.06	3859451.99	1.56365	2.0478	1.9263	1.38271	3.57E-02	0.00218	2.9E-05	0.00442	0.04231	4.72E-02	0.002885	2.36E-05	0.002745	5.28E-02	0.054673	0.002916	1.74E-05	0.003028	0.060634
1996	494411.06	3859451.99	1.53699	2.02269	1.88414	1.31009	3.51E-02	0.00215	2.8E-05	0.00419	0.04145	4.64E-02	0.00285	2.31E-05	0.0026	5.19E-02	0.053741	0.002881	1.7E-05	0.002869	0.059507
1997	494461.06	3859451.99	1.51999	1.99113	1.84528	1.29563	3.47E-02	0.00212	2.8E-05	0.00414	0.04098	4.59E-02	0.002805	2.26E-05	0.002572	5.13E-02	0.053146	0.002836	1.67E-05	0.002837	0.058836
1998	494511.06	3859451.99	1.49797	1.95076	1.80229	1.2576	3.42E-02	0.00208	2.7E-05	0.00402	0.04031	4.52E-02	0.002748	2.21E-05	0.002496	5.05E-02	0.052376	0.002778	1.63E-05	0.002754	0.057925
1999	494561.06	3859451.99	1.4771	1.90497	1.75886	1.22831	3.37E-02	0.00203	2.7E-05	0.00393	0.03969	4.46E-02	0.002684	2.15E-05	0.002438	4.97E-02	0.051647	0.002713	1.59E-05	0.00269	0.057065
2000	494611.06	3859451.99	1.45886	1.8567	1.72803	1.21493	3.33E-02	0.00198	2.6E-05	0.00388	0.03918	4.40E-02	0.002616	2.11E-05	0.002412	4.91E-02	0.051009	0.002644	1.56E-05	0.00266	0.056329
2001	494661.06	3859451.99	1.43374	1.79623	1.70192	1.19773	3.27E-02	0.00191	2.6E-05	0.00383	0.03849	4.33E-02	0.002531	2.08E-05	0.002377	4.82E-02	0.050131	0.002558	1.54E-05	0.002623	0.055327
2002	494711.06	3859451.99	1.40864	1.775	1.67385	1.17959	3.21E-02	0.00189	2.5E-05	0.00377	0.03783	4.25E-02	0.002501	2.05E-05	0.002341	4.74E-02	0.049253	0.002528	1.51E-05	0.002583	0.054379
2003	494761.06	3859451.99	1.39331	1.7583	1.64741	1.16677	3.18E-02	0.00187	2.5E-05	0.00373	0.03742	4.21E-02	0.002477	2.02E-05	0.002316	4.69E-02	0.048717	0.002504	1.49E-05	0.002555	0.053791
2004	494811.06	3859451.99	1.36756	1.72171	1.60975	1.13612	3.12E-02	0.00183	2.4E-05	0.00363	0.0367	4.13E-02	0.002426	1.97E-05	0.002255	4.60E-02	0.047817	0.002452	1.46E-05	0.002488	0.052771
2005	494861.06	3859451.99	1.34478	1.68561	1.57484	1.11302	3.07E-02	0.0018	2.4E-05	0.00356	0.03607	4.06E-02	0.002375	1.93E-05	0.002209	4.52E-02	0.04702	0.002401	1.42E-05	0.002437	0.051872
2006	494911.06	3859451.99	1.32669	1.65384	1.54479	1.09835	3.03E-02	0.00176	2.3E-05	0.00351	0.03557	4.00E-02	0.00233	1.89E-05	0.00218	4.46E-02	0.046388	0.002355	1.4E-05	0.002405	0.051162
2007	494961.06	3859451.99	1.31547	1.63088	1.52224	1.09483	3.00E-02	0.00174	2.3E-05	0.0035	0.03528	3.97E-02	0.002298	1.86E-05	0.002173	4.42E-02	0.045995	0.002323	1.38E-05	0.002397	0.050729
2008	495011.06	3859451.99	1.30067	1.59982	1.4958	1.08556	2.97E-02	0.0017	2.3E-05	0.00347	0.03488	3.93E-02	0.002254	1.83E-05	0.002155	4.37E-02	0.045478	0.002278	1.35E-05	0.002377	0.050147
2009	495061.06	3859451.99	1.2853	1.56588	1.46879	1.07516	2.93E-02	0.00167	2.2E-05	0.00344	0.03446	3.88E-02	0.002206	1.8E-05	0.002134	4.31E-02	0.04494	0.00223	1.33E-05	0.002354	0.049538

2010	495111.06	3859451.99	1.26883	1.52851	1.44066	1.06302	2.90E-02	0.00163	2.2E-05	0.0034	0.034	3.83E-02	0.002154	1.76E-05	0.00211	4.26E-02	0.044365	0.002177	1.3E-05	0.002328	0.048882
2011	495161.06	3859451.99	1.25932	1.50194	1.42039	1.06181	2.87E-02	0.0016	2.1E-05	0.00339	0.03375	3.80E-02	0.002116	1.74E-05	0.002108	4.22E-02	0.044032	0.002139	1.28E-05	0.002325	0.048509
2012	495211.06	3859451.99	1.25135	1.49675	1.40198	1.06325	2.86E-02	0.00159	2.1E-05	0.0034	0.03357	3.78E-02	0.002109	1.72E-05	0.00211	4.20E-02	0.043753	0.002132	1.27E-05	0.002328	0.048226
2013	495261.06	3859451.99	1.24151	1.48712	1.3817	1.0617	2.83E-02	0.00158	2.1E-05	0.00339	0.03333	3.75E-02	0.002095	1.69E-05	0.002107	4.17E-02	0.043409	0.002118	1.25E-05	0.002325	0.047864
2014	495311.06	3859451.99	1.22567	1.46852	1.35505	1.05	2.80E-02	0.00156	2E-05	0.00336	0.03291	3.70E-02	0.002069	1.66E-05	0.002084	4.12E-02	0.042855	0.002091	1.23E-05	0.002299	0.047258
2015	495361.06	3859451.99	1.21147	1.45672	1.34053	1.04103	2.76E-02	0.00155	2E-05	0.00333	0.03255	3.66E-02	0.002052	1.64E-05	0.002066	4.07E-02	0.042359	0.002075	1.21E-05	0.00228	0.046725
2016	495411.06	3859451.99	1.19407	1.46584	1.32389	1.02636	2.72E-02	0.00156	2E-05	0.00328	0.03211	3.60E-02	0.002065	1.62E-05	0.002037	4.02E-02	0.041751	0.002088	1.2E-05	0.002247	0.046098
2017	495461.06	3859451.99	1.17831	1.52107	1.31877	1.01441	2.69E-02	0.00162	2E-05	0.00324	0.03177	3.56E-02	0.002143	1.61E-05	0.002013	3.97E-02	0.0412	0.002166	1.19E-05	0.002221	0.045599
2018	495511.06	3859451.99	1.15091	1.55149	1.30538	0.98269	2.63E-02	0.00165	2E-05	0.00314	0.03108	3.47E-02	0.002186	1.6E-05	0.001951	3.89E-02	0.040242	0.00221	1.18E-05	0.002152	0.044615
2019	495561.06	3859451.99	1.13026	1.5955	1.30002	0.96244	2.58E-02	0.0017	2E-05	0.00308	0.03059	3.41E-02	0.002248	1.59E-05	0.00191	3.83E-02	0.039519	0.002272	1.18E-05	0.002107	0.043911
2020	495611.06	3859451.99	1.10964	1.63868	1.29416	0.94237	2.53E-02	0.00175	2E-05	0.00301	0.0301	3.35E-02	0.002309	1.58E-05	0.001871	3.77E-02	0.038798	0.002334	1.17E-05	0.002063	0.043207
2021	495661.06	3859451.99	1.08959	1.68204	1.28851	0.92337	2.49E-02	0.00179	1.9E-05	0.00295	0.02963	3.29E-02	0.00237	1.58E-05	0.001833	3.71E-02	0.038097	0.002395	1.17E-05	0.002022	0.042526
2022	494311.06	3859501.99	1.59982	2.31414	2.01939	1.47981	3.65E-02	0.00247	3E-05	0.00473	0.04374	4.83E-02	0.00326	2.47E-05	0.002937	5.45E-02	0.055938	0.003296	1.83E-05	0.00324	0.062492
2023	494361.06	3859501.99	1.58429	2.24423	1.98991	1.43798	3.62E-02	0.00239	3E-05	0.0046	0.04317	4.78E-02	0.003162	2.44E-05	0.002854	5.39E-02	0.055395	0.003196	1.8E-05	0.003149	0.061757
2024	494411.06	3859501.99	1.55973	2.16241	1.95319	1.34836	3.56E-02	0.0023	2.9E-05	0.00431	0.04224	4.71E-02	0.003047	2.39E-05	0.002676	5.28E-02	0.054536	0.00308	1.77E-05	0.002952	0.060586
2025	494461.06	3859501.99	1.54958	2.07218	1.92125	1.36502	3.54E-02	0.00221	2.9E-05	0.00436	0.04196	4.68E-02	0.00292	2.35E-05	0.002709	5.24E-02	0.054181	0.002951	1.74E-05	0.002989	0.060138
2026	494511.06	3859501.99	1.52937	2.00074	1.88309	1.32357	3.49E-02	0.00213	2.8E-05	0.00423	0.04129	4.62E-02	0.002819	2.3E-05	0.002627	5.16E-02	0.053474	0.002849	1.7E-05	0.002898	0.059239
2027	494561.06	3859501.99	1.50923	1.97858	1.84348	1.28987	3.44E-02	0.00211	2.8E-05	0.00412	0.0407	4.55E-02	0.002788	2.26E-05	0.00256	5.09E-02	0.05277	0.002818	1.67E-05	0.002824	0.058429
2028	494611.06	3859501.99	1.49723	1.95241	1.8063	1.30509	3.42E-02	0.00208	2.7E-05	0.00417	0.04045	4.52E-02	0.002751	2.21E-05	0.00259	5.06E-02	0.052351	0.002781	1.63E-05	0.002858	0.058005
2029	494661.06	3859501.99	1.4735	1.91653	1.76279	1.25356	3.36E-02	0.00204	2.7E-05	0.00401	0.0397	4.45E-02	0.0027	2.16E-05	0.002488	4.97E-02	0.051521	0.002729	1.59E-05	0.002745	0.057011
2030	494711.06	3859501.99	1.44586	1.86917	1.71519	1.18944	3.30E-02	0.00199	2.6E-05	0.0038	0.03882	4.36E-02	0.002634	2.1E-05	0.002361	4.87E-02	0.050554	0.002662	1.55E-05	0.002604	0.055836
2031	494761.06	3859501.99	1.42955	1.82652	1.69158	1.18431	3.26E-02	0.00195	2.5E-05	0.00379	0.03838	4.31E-02	0.002573	2.07E-05	0.002351	4.81E-02	0.049984	0.002601	1.53E-05	0.002593	0.055194
2032	494811.06	3859501.99	1.39492	1.75701	1.65059	1.1297	3.18E-02	0.00187	2.5E-05	0.00361	0.03734	4.21E-02	0.002476	2.02E-05	0.002242	4.68E-02	0.048773	0.002502	1.49E-05	0.002474	0.053764
2033	494861.06	3859501.99	1.37252	1.70483	1.62681	1.1219	3.13E-02	0.00182	2.5E-05	0.00359	0.03675	4.14E-02	0.002402	1.99E-05	0.002227	4.61E-02	0.04799	0.002428	1.47E-05	0.002457	0.052889
2034	494911.06	3859501.99	1.36463	1.70109	1.60758	1.12296	3.11E-02	0.00181	2.4E-05	0.00359	0.03657	4.12E-02	0.002397	1.97E-05	0.002229	4.58E-02	0.047714	0.002423	1.45E-05	0.002459	0.05261
2035	494961.06	3859501.99	1.34677	1.67901	1.57784	1.10688	3.07E-02	0.00179	2.4E-05	0.00354	0.03609	4.06E-02	0.002366	1.93E-05	0.002197	4.52E-02	0.04709	0.002391	1.43E-05	0.002424	0.051919
2036	495011.06	3859501.99	1.33806	1.66829	1.55773	1.10734	3.05E-02	0.00178	2.3E-05	0.00354	0.03588	4.04E-02	0.002351	1.91E-05	0.002198	4.50E-02	0.046785	0.002376	1.41E-05	0.002425	0.0516
2037	495061.06	3859501.99	1.329	1.65451	1.53726	1.1075	3.03E-02	0.00176	2.3E-05	0.00354	0.03566	4.01E-02	0.002331	1.88E-05	0.002198	4.47E-02	0.046468	0.002356	1.39E-05	0.002425	0.051264
2038	495111.06	3859501.99	1.30968	1.62165	1.50584	1.09	2.99E-02	0.00173	2.3E-05	0.00348	0.03512	3.95E-02	0.002285	1.84E-05	0.002164	4.40E-02	0.045793	0.002309	1.36E-05	0.002387	0.050503
2039	495161.06	3859501.99	1.30002	1.60248	1.48486	1.08952	2.97E-02	0.00171	2.2E-05	0.00348	0.03488	3.92E-02	0.002258	1.82E-05	0.002163	4.37E-02	0.045455	0.002282	1.34E-05	0.002386	0.050136
2040	495211.06	3859501.99	1.2935	1.58678	1.46739	1.09491	2.95E-02	0.00169	2.2E-05	0.0035	0.03473	3.90E-02	0.002236	1.8E-05	0.002173	4.35E-02	0.045227	0.00226	1.33E-05	0.002397	0.049898
2041	495261.06	3859501.99	1.282	1.5613	1.44468	1.09167	2.93E-02	0.00166	2.2E-05	0.00349	0.03443	3.87E-02	0.0022	1.77E-05	0.002167	4.31E-02	0.044825	0.002224	1.31E-05	0.00239	0.049452
2042	495311.06	3859501.99	1.27153	1.53618	1.42325	1.09059	2.90E-02	0.00164	2.1E-05	0.00349	0.03416	3.84E-02	0.002164	1.74E-05	0.002165	4.27E-02	0.044459	0.002188	1.29E-05	0.002388	0.049048
2043	495361.06	3859501.99	1.25723	1.50341	1.39789	1.08234	2.87E-02	0.0016	2.1E-05	0.00346	0.03377	3.79E-02	0.002118	1.71E-05	0.002148	4.22E-02	0.043959	0.002141	1.26E-05	0.00237	0.048483
2044	495411.06	3859501.99	1.2429	1.46966	1.37696	1.0741	2.84E-02	0.00157	2.1E-05	0.00343	0.03338	3.75E-02	0.002071	1.69E-05	0.002132	4.17E-02	0.043458	0.002093	1.25E-05	0.002352	0.047915
2045	495461.06	3859501.99	1.226	1.44557	1.36033	1.06084	2.80E-02	0.00154	2.1E-05	0.00339	0.03293	3.70E-02	0.002037	1.66E-05	0.002106	4.12E-02	0.042867	0.002059	1.23E-05	0.002323	0.047261
2046	495511.06	3859501.99	1.19644	1.4122	1.33117	1.02259	2.73E-02	0.0015	2E-05	0.00327	0.0321	3.61E-02	0.00199	1.63E-05	0.00203	4.01E-02	0.041833	0.002011	1.2E-05	0.002239	0.046096
2047	495561.06	3859501.99	1.18412	1.41602	1.31973	1.01925	2.70E-02	0.00151	2E-05	0.00326	0.03181	3.57E-02	0.001995	1.62E-05	0.002023	3.98E-02	0.041403	0.002017	1.19E-05	0.002232	0.045663
2048	495611.06	3859501.99	1.1637	1.42858	1.30667	0.99971	2.66E-02	0.00152	2E-05	0.0032	0.03129	3.51E-02	0.002013	1.6E-05	0.001984	3.91E-02	0.040689	0.002035	1.18E-05	0.002189	0.044924
2049	495661.06	3859501.99	1.14139	1.46677	1.30051	0.97688	2.60E-02	0.00156	2E-05	0.00312	0.03075	3.44E-02	0.002067	1.59E-05	0.001939	3.85E-02	0.039909	0.002089	1.18E-05	0.002139	0.044148
2050	494311.06	3859551.99	1.60216	2.41899	2.05765	1.51427	3.66E-02	0.00258	3.1E-05	0.00484	0.04401	4.84E-02	0.003408	2.52E-05	0.003006	5.48E-02	0.056019	0.003445	1.86E-05	0.003316	0.062799
2051	494361.06	3859551.99	1.59092	2.38093	2.03599	1.46248	3.63E-02	0.00254	3.1E-05	0.00468	0.04355	4.80E-02	0.003355	2.49E-05	0.002903	5.43E-02	0.055626	0.003391	1.84E-05	0.003202	0.062238
2052	494411.06	3859551.99	1.57298	2.33999	2.0084	1.37267	3.59E-02	0.00249	3E-05	0.00439	0.04281	4.75E-02	0.003297	2.46E-05	0.002725	5.35E-02	0.054999	0.003332	1.82E-05	0.003006	0.061356
2053	494461.06	3859551.99	1.56704	2.26381	1.98185	1.41236	3.58E-02	0.00241	3E-05	0.00452	0.04272	4.73E-02	0.00319	2.43E-05	0.002803	5.33E-02	0.054791	0.003224	1.79E-05	0.003093	0.061126
2054	494511.06	3859551.99	1.55115	2.18981	1.9498	1.37649	3.54E-02	0.00233	2.9E-05	0.0044	0.04216	4.68E-02	0.003085	2.39E-05	0.002732	5.27E-02	0.054236	0.003119	1.76E-05	0.003014	0.060386
2055	494561.06	3859551.99	1.53549	2.10652	1.91607	1.35285	3.50E-02	0.00224	2.9E-05	0.00433	0.04164	4.63E-02	0.002968	2.35E-05	0.002685	5.20E-02	0.053688	0.003	1.73E-05	0.002962	0.059668
2056	494611.06	3859551.99	1.52139	2.01856	1.8814	1.34663	3.47E-02	0.00215	2.8E-05	0.00431	0.0412	4.59E-02	0.002844	2.3E-05	0.002673	5.15E-02	0.053195	0.002875	1.7E-05	0.002949	0.059036
2057	494661.06	3859551.99	1.5048	1.95371	1.84436	1.32692	3.43E-02	0.00208	2.8E-05	0.00424	0.04069	4.54E-02	0.002753	2.26E-05	0.002634	5.08E-02	0.052615	0.002782	1.67E-05	0.002906	0.05832
2058	494711.06	3859551.99	1.47348	1.93133	1.79818	1.22811	3.36E-02	0.00206	2.7E-05	0.00393	0.03964	4.45E-02	0.002721	2.2E-05	0.002438	4.97E-02	0.05152	0.00275	1.63E-05	0.002689	0.056976
2059	494761.06	3859551.99	1.46555	1.9113	1.76408	1.26059	3.34E-02	0.00204	2.7E-05	0.00403	0.03954	4.42E-02	0.002693	2.16E-05	0.002502	4.94E-02	0.051243	0.002722	1.6E-05	0.00276	0.056741
2060	494811.06	3859551.99	1.43822	1.87461	1.71759	1.19209	3.28E-02	0.002	2.6E-05	0.00381	0.03866	4.34E-02	0.002641	2.1E-05	0.002366	4.84E-02	0.050287	0.00267	1.55E-05	0.00261	0.055583
2061	494861.06	3859551.99	1.41816	1.83629	1.67422	1.1662	3.24E-02	0.00196	2.5E-05	0.00373	0.03807	4.28E-02	0.002587	2.05E-05	0.002315	4.77E-02	0.049586	0.002615	1.51E-05	0.002554	0.05477
2062	494911.06	3859551.99	1.39562	1.79028	1.64864	1.13154	3.18E-02	0.00191	2.5E-05	0.00362	0.0374	4.21E-02	0.002522	2.02E-05	0.002246	4.69E-02	0.048798	0.00255	1.49E-05	0.002478	0.05384
2063	494961.06	3859551.99	1.37698	1.74475	1.63112	1.12315	3.14E-02	0.00186	2.5E-05	0.00359	0.0369	4.16E-02	0.002458	2E-05	0.002229	4.63E-02	0.048146	0.002485	1.48E-05	0.002459	0.053105
2064	495011.06	3859551.99	1.36997	1.69664	1.61453	1.12907	3.13E-02	0.00181	2.4E-05	0.00361	0.03671	4.13E-02	0.00239	1.98E-05	0.002241	4.60E-02	0.047901	0.002416	1.46E-05	0.002472	0.052804
2065	495061.06	3859551.99	1.35897	1.67834	1.59193	1.12351	3.10E-02	0.00179	2.4E-05	0.00359	0.03642	4.10E-02	0.002365	1.95E-05	0.00223	4.56E-02	0.047516	0.00239	1.44E-05	0.00246	0.052381
2066	495111.06	3859551.99	1.3441	1.66426	1.5653	1.11123	3.07E-02	0.00177	2.4E-05	0.00355	0.03602	4.06E-02	0.002345	1.92E-05	0.002206	4.51E-02	0.046996	0.00237	1.42E-05	0.002433	0.051814
2067	495161.06	3859551.99	1.33721	1.65933	1.54681	1.11545	3.05E-02	0.00177	2.3E-05	0.00357	0.03587	4.04E-02	0.002338	1.89E-05	0.002214	4.49E-02	0.046755	0.002363	1.4E-05	0.002442	0.051575
2068	495211.06	3859551.99	1.33143	1.65386	1.52952	1.12304	3.04E-02	0.00176	2.3E-05	0.00359	0.03576	4.02E-02	0.00233	1.87E-05	0.002229	4.48E-02	0.046553	0.002355	1.38E-05	0.002459	0.051382
2069	495261.06	3859551.99	1.31726	1.63316	1.50365	1.11373	3.01E-02	0.00174	2.3E-05	0.00356	0.03538	3.98E-02	0.002301	1.84E-05	0.002211	4.43E-02	0.046058	0.002326	1.36E-05	0.002439	0.050836
2070	495311.06	3859551.99	1.30471	1.61278	1.4795	1.10819	2.98E-02	0.00172	2.2E-05	0.00354	0.03506	3.94E-02	0.002272	1.81E-05	0.0022	4.39E-02	0.045619	0.002297	1.34E-05	0.002427	0.050356

2071	495361.06	3859551.99	1.29318	1.59218	1.45655	1.10535	2.95E-02	0.0017	2.2E-05	0.00353	0.03476	3.90E-02	0.002243	1.78E-05	0.002194	4.35E-02	0.045216	0.002267	1.32E-05	0.00242	0.049917
2072	495411.06	3859551.99	1.28256	1.57157	1.4347	1.10491	2.93E-02	0.00167	2.2E-05	0.00353	0.0345	3.87E-02	0.002214	1.76E-05	0.002193	4.31E-02	0.044845	0.002238	1.3E-05	0.002419	0.049515
2073	495461.06	3859551.99	1.26272	1.53373	1.40332	1.08489	2.88E-02	0.00163	2.1E-05	0.00347	0.03394	3.81E-02	0.002161	1.72E-05	0.002153	4.24E-02	0.044151	0.002184	1.27E-05	0.002376	0.048723
2074	495511.06	3859551.99	1.24148	1.49174	1.37694	1.0625	2.83E-02	0.00159	2.1E-05	0.0034	0.03334	3.75E-02	0.002102	1.69E-05	0.002109	4.17E-02	0.043408	0.002124	1.25E-05	0.002327	0.047872
2075	495561.06	3859551.99	1.22551	1.45794	1.36144	1.05149	2.80E-02	0.00155	2.1E-05	0.00336	0.0329	3.70E-02	0.002054	1.67E-05	0.002087	4.11E-02	0.04285	0.002076	1.23E-05	0.002302	0.047241
2076	495611.06	3859551.99	1.20857	1.42145	1.34563	1.03855	2.76E-02	0.00151	2E-05	0.00332	0.03244	3.65E-02	0.002003	1.65E-05	0.002061	4.06E-02	0.042258	0.002024	1.22E-05	0.002274	0.046568
2077	495661.06	3859551.99	1.18857	1.40067	1.3269	1.0198	2.71E-02	0.00149	2E-05	0.00326	0.0319	3.59E-02	0.001973	1.62E-05	0.002024	3.99E-02	0.041558	0.001995	1.2E-05	0.002233	0.045798
2078	494311.06	3859601.99	1.58634	2.42844	2.07132	1.54984	3.62E-02	0.00259	3.1E-05	0.00495	0.04377	4.79E-02	0.003422	2.54E-05	0.003076	5.44E-02	0.055466	0.003458	1.87E-05	0.003394	0.062337
2079	494361.06	3859601.99	1.58686	2.45305	2.06913	1.45756	3.62E-02	0.00261	3.1E-05	0.00466	0.04352	4.79E-02	0.003456	2.53E-05	0.002893	5.43E-02	0.055484	0.003494	1.87E-05	0.003192	0.062188
2080	494411.06	3859601.99	1.57825	2.43428	2.05029	1.41907	3.60E-02	0.00259	3.1E-05	0.00454	0.04318	4.76E-02	0.00343	2.51E-05	0.002817	5.39E-02	0.055183	0.003467	1.85E-05	0.003107	0.061776
2081	494461.06	3859601.99	1.5726	2.37431	2.02524	1.45163	3.59E-02	0.00253	3.1E-05	0.00464	0.04309	4.75E-02	0.003345	2.48E-05	0.002881	5.37E-02	0.054986	0.003381	1.83E-05	0.003179	0.061564
2082	494511.06	3859601.99	1.5594	2.3364	2.00108	1.39737	3.56E-02	0.00249	3E-05	0.00447	0.04257	4.71E-02	0.003292	2.45E-05	0.002774	5.32E-02	0.054524	0.003327	1.81E-05	0.00306	0.06093
2083	494561.06	3859601.99	1.55101	2.26853	1.97292	1.41589	3.54E-02	0.00242	3E-05	0.00453	0.04237	4.68E-02	0.003196	2.41E-05	0.00281	5.28E-02	0.054231	0.003231	1.78E-05	0.0031	0.06058
2084	494611.06	3859601.99	1.53946	2.19944	1.9424	1.41651	3.51E-02	0.00234	2.9E-05	0.00453	0.04203	4.65E-02	0.003099	2.38E-05	0.002812	5.24E-02	0.053827	0.003132	1.76E-05	0.003102	0.060079
2085	494661.06	3859601.99	1.52099	2.13083	1.91027	1.34594	3.47E-02	0.00227	2.9E-05	0.0043	0.04131	4.59E-02	0.003002	2.34E-05	0.002672	5.16E-02	0.053181	0.003035	1.73E-05	0.002947	0.05918
2086	494711.06	3859601.99	1.50076	2.04839	1.87416	1.29234	3.42E-02	0.00218	2.8E-05	0.00413	0.04059	4.53E-02	0.002886	2.29E-05	0.002565	5.08E-02	0.052474	0.002917	1.7E-05	0.00283	0.058238
2087	494761.06	3859601.99	1.49477	1.96699	1.84186	1.34824	3.41E-02	0.0021	2.8E-05	0.00431	0.04055	4.51E-02	0.002771	2.25E-05	0.002676	5.06E-02	0.052265	0.002801	1.67E-05	0.002952	0.058035
2088	494811.06	3859601.99	1.47259	1.90824	1.80329	1.27954	3.36E-02	0.00203	2.7E-05	0.00409	0.03976	4.44E-02	0.002689	2.21E-05	0.00254	4.97E-02	0.051489	0.002718	1.63E-05	0.002802	0.057025
2089	494861.06	3859601.99	1.45561	1.89306	1.76445	1.26142	3.32E-02	0.00202	2.7E-05	0.00403	0.03929	4.39E-02	0.002667	2.16E-05	0.002504	4.91E-02	0.050895	0.002696	1.6E-05	0.002762	0.056369
2090	494911.06	3859601.99	1.43322	1.86963	1.72174	1.21278	3.27E-02	0.00199	2.6E-05	0.00388	0.0386	4.33E-02	0.002634	2.11E-05	0.002407	4.83E-02	0.050112	0.002663	1.56E-05	0.002656	0.055446
2091	494961.06	3859601.99	1.42068	1.8459	1.68255	1.23136	3.24E-02	0.00197	2.5E-05	0.00394	0.03835	4.29E-02	0.002601	2.06E-05	0.002444	4.79E-02	0.049674	0.002629	1.52E-05	0.002696	0.055014
2092	495011.06	3859601.99	1.39661	1.80968	1.64921	1.17665	3.19E-02	0.00193	2.5E-05	0.00376	0.03759	4.22E-02	0.00255	2.02E-05	0.002336	4.71E-02	0.048832	0.002577	1.49E-05	0.002576	0.054001
2093	495061.06	3859601.99	1.38009	1.77529	1.63585	1.17745	3.15E-02	0.00189	2.5E-05	0.00376	0.03718	4.17E-02	0.002501	2E-05	0.002337	4.65E-02	0.048255	0.002528	1.48E-05	0.002578	0.053376
2094	495111.06	3859601.99	1.36537	1.73019	1.61188	1.13929	3.12E-02	0.00184	2.4E-05	0.00364	0.03667	4.12E-02	0.002438	1.97E-05	0.002261	4.59E-02	0.04774	0.002464	1.46E-05	0.002495	0.052713
2095	495161.06	3859601.99	1.3606	1.68637	1.59518	1.13088	3.10E-02	0.0018	2.4E-05	0.00362	0.03649	4.11E-02	0.002376	1.95E-05	0.002245	4.57E-02	0.047573	0.002402	1.44E-05	0.002476	0.052466
2096	495211.06	3859601.99	1.35191	1.65266	1.57471	1.12636	3.09E-02	0.00176	2.4E-05	0.0036	0.03624	4.08E-02	0.002328	1.93E-05	0.002236	4.54E-02	0.047269	0.002354	1.42E-05	0.002466	0.052104
2097	495261.06	3859601.99	1.34405	1.65169	1.555	1.12847	3.07E-02	0.00176	2.3E-05	0.00361	0.03606	4.06E-02	0.002327	1.9E-05	0.00224	4.52E-02	0.046995	0.002352	1.41E-05	0.002471	0.051832
2098	495311.06	3859601.99	1.33598	1.64795	1.53511	1.13121	3.05E-02	0.00176	2.3E-05	0.00362	0.03588	4.03E-02	0.002322	1.88E-05	0.002245	4.49E-02	0.046712	0.002347	1.39E-05	0.002477	0.05155
2099	495361.06	3859601.99	1.32413	1.63658	1.51156	1.12561	3.02E-02	0.00174	2.3E-05	0.0036	0.03558	4.00E-02	0.002306	1.85E-05	0.002234	4.45E-02	0.046298	0.002331	1.37E-05	0.002465	0.051107
2100	495411.06	3859601.99	1.31415	1.62562	1.48988	1.12574	3.00E-02	0.00173	2.2E-05	0.0036	0.03534	3.97E-02	0.00229	1.82E-05	0.002234	4.42E-02	0.045949	0.002315	1.35E-05	0.002465	0.050743
2101	495461.06	3859601.99	1.29438	1.59749	1.45841	1.10184	2.95E-02	0.0017	2.2E-05	0.00352	0.03479	3.91E-02	0.002251	1.78E-05	0.002187	4.35E-02	0.045258	0.002275	1.32E-05	0.002413	0.049959
2102	495511.06	3859601.99	1.27493	1.56679	1.42716	1.08094	2.91E-02	0.00167	2.2E-05	0.00346	0.03424	3.85E-02	0.002208	1.75E-05	0.002146	4.28E-02	0.044578	0.002231	1.29E-05	0.002367	0.049189
2103	495561.06	3859601.99	1.26568	1.55126	1.40666	1.08373	2.89E-02	0.00165	2.1E-05	0.00346	0.03402	3.82E-02	0.002186	1.72E-05	0.002151	4.26E-02	0.044254	0.002209	1.27E-05	0.002373	0.048849
2104	495611.06	3859601.99	1.24273	1.51069	1.37934	1.05636	2.84E-02	0.00161	2.1E-05	0.00338	0.03337	3.75E-02	0.002128	1.69E-05	0.002097	4.17E-02	0.043452	0.002151	1.25E-05	0.002313	0.047929
2105	495661.06	3859601.99	1.22978	1.48605	1.36748	1.05141	2.81E-02	0.00158	2.1E-05	0.00336	0.03303	3.71E-02	0.002094	1.67E-05	0.002087	4.13E-02	0.042999	0.002116	1.24E-05	0.002302	0.04743
2106	494311.06	3859651.99	1.55729	2.3834	2.06922	1.60392	3.55E-02	0.00254	3.1E-05	0.00513	0.04324	4.70E-02	0.003358	2.53E-05	0.003184	5.36E-02	0.054451	0.003394	1.87E-05	0.003512	0.061376
2107	494361.06	3859651.99	1.57065	2.43788	2.08486	1.50662	3.58E-02	0.0026	3.1E-05	0.00482	0.04329	4.74E-02	0.003435	2.55E-05	0.00299	5.39E-02	0.054918	0.003472	1.89E-05	0.003299	0.061707
2108	494411.06	3859651.99	1.56786	2.43353	2.07096	1.46867	3.58E-02	0.00259	3.1E-05	0.0047	0.0431	4.73E-02	0.003429	2.53E-05	0.002915	5.37E-02	0.05482	0.003466	1.87E-05	0.003216	0.06152
2109	494461.06	3859651.99	1.56253	2.39508	2.04821	1.48555	3.57E-02	0.00255	3.1E-05	0.00475	0.04299	4.72E-02	0.003375	2.51E-05	0.002949	5.35E-02	0.054634	0.003411	1.85E-05	0.003253	0.061316
2110	494511.06	3859651.99	1.55745	2.37747	2.03112	1.4672	3.55E-02	0.00253	3.1E-05	0.00469	0.0428	4.70E-02	0.00335	2.49E-05	0.002912	5.33E-02	0.054456	0.003386	1.84E-05	0.003213	0.061073
2111	494561.06	3859651.99	1.55031	2.34139	2.00882	1.46496	3.54E-02	0.00249	3E-05	0.00468	0.04259	4.68E-02	0.003299	2.46E-05	0.002908	5.30E-02	0.054207	0.003334	1.82E-05	0.003208	0.060767
2112	494611.06	3859651.99	1.54204	2.29941	1.98464	1.45869	3.52E-02	0.00245	3E-05	0.00466	0.04233	4.65E-02	0.00324	2.43E-05	0.002895	5.27E-02	0.053917	0.003275	1.8E-05	0.003194	0.060404
2113	494661.06	3859651.99	1.52979	2.26843	1.96332	1.38282	3.49E-02	0.00242	3E-05	0.00442	0.04178	4.62E-02	0.003196	2.4E-05	0.002745	5.21E-02	0.053489	0.003231	1.78E-05	0.003028	0.059765
2114	494711.06	3859651.99	1.51902	2.20831	1.9347	1.37789	3.47E-02	0.00235	2.9E-05	0.00441	0.04145	4.58E-02	0.003111	2.37E-05	0.002735	5.17E-02	0.053112	0.003145	1.75E-05	0.003017	0.059292
2115	494761.06	3859651.99	1.509	2.1429	1.90465	1.38444	3.44E-02	0.00228	2.9E-05	0.00443	0.04117	4.55E-02	0.003019	2.33E-05	0.002748	5.13E-02	0.052762	0.003052	1.72E-05	0.003031	0.058863
2116	494811.06	3859651.99	1.49437	2.07422	1.87286	1.34848	3.41E-02	0.00221	2.8E-05	0.00431	0.04065	4.51E-02	0.002922	2.29E-05	0.002677	5.07E-02	0.052251	0.002954	1.69E-05	0.002953	0.058174
2117	494861.06	3859651.99	1.48055	1.9968	1.83848	1.34053	3.38E-02	0.00213	2.8E-05	0.00429	0.04023	4.47E-02	0.002813	2.25E-05	0.002661	5.02E-02	0.051767	0.002844	1.66E-05	0.002935	0.057563
2118	494911.06	3859651.99	1.46482	1.91494	1.80257	1.31746	3.34E-02	0.00204	2.7E-05	0.00421	0.03971	4.42E-02	0.002698	2.21E-05	0.002615	4.95E-02	0.051217	0.002727	1.63E-05	0.002885	0.056846
2119	494961.06	3859651.99	1.4489	1.86198	1.76478	1.30342	3.31E-02	0.00198	2.7E-05	0.00417	0.03924	4.37E-02	0.002623	2.16E-05	0.002587	4.90E-02	0.050661	0.002652	1.6E-05	0.002854	0.056182
2120	495011.06	3859651.99	1.43161	1.85081	1.72552	1.28177	3.27E-02	0.00197	2.6E-05	0.0041	0.03877	4.32E-02	0.002608	2.11E-05	0.002544	4.84E-02	0.050056	0.002636	1.56E-05	0.002807	0.055514
2121	495061.06	3859651.99	1.41444	1.83336	1.68431	1.27283	3.23E-02	0.00195	2.5E-05	0.00407	0.03833	4.27E-02	0.002583	2.06E-05	0.002526	4.78E-02	0.049456	0.002611	1.52E-05	0.002787	0.054869
2122	495111.06	3859651.99	1.3954	1.81099	1.65064	1.24391	3.18E-02	0.00193	2.5E-05	0.00398	0.03778	4.21E-02	0.002552	2.02E-05	0.002469	4.72E-02	0.04879	0.002579	1.49E-05	0.002724	0.054108
2123	495161.06	3859651.99	1.37633	1.78325	1.63323	1.22595	3.14E-02	0.0019	2.5E-05	0.00392	0.03725	4.15E-02	0.002512	2E-05	0.002433	4.65E-02	0.048123	0.00254	1.48E-05	0.002684	0.053362
2124	495211.06	3859651.99	1.36862	1.75085	1.61602	1.21332	3.12E-02	0.00187	2.4E-05	0.00388	0.037	4.13E-02	0.002467	1.98E-05	0.002408	4.62E-02	0.047854	0.002493	1.46E-05	0.002657	0.053019
2125	495261.06	3859651.99	1.36064	1.71376	1.59645	1.19079	3.11E-02	0.00183	2.4E-05	0.00381	0.03671	4.11E-02	0.002415	1.95E-05	0.002364	4.59E-02	0.047575	0.002441	1.44E-05	0.002607	0.052637
2126	495311.06	3859651.99	1.35295	1.67292	1.57692	1.17239	3.09E-02	0.00178	2.4E-05	0.00375	0.03643	4.08E-02	0.002357	1.93E-05	0.002327	4.55E-02	0.047306	0.002382	1.43E-05	0.002567	0.05227
2127	495361.06	3859651.99	1.34495	1.6286	1.55703	1.15544	3.07E-02	0.00174	2.3E-05	0.00369	0.03615	4.06E-02	0.002295	1.91E-05	0.002293	4.52E-02	0.047026	0.002319	1.41E-05	0.00253	0.05189
2128	495411.06	3859651.99	1.33469	1.6247	1.53504	1.13388	3.05E-02	0.00173	2.3E-05	0.00363	0.03584	4.03E-02	0.002289	1.88E-05	0.002251	4.48E-02	0.046667	0.002314	1.39E-05	0.002483	0.051478
2129	495461.06	3859651.99	1.31881	1.61339	1.50778	1.11402	3.01E-02	0.00172	2.3E-05	0.00356	0.0354	3.98E-02	0.002273	1.85E-05	0.002211	4.43E-02	0.046112	0.002298	1.36E-05	0.002439	0.050863
2130	495511.06	3859651.99	1.3033	1.59922	1.48055	1.09783	2.97E-02	0.0017	2.2E-05	0.00351	0.03498	3.93E-02	0.002253	1.81E-05	0.002179	4.38E-02	0.04557	0.002278	1.34E-05	0.002404	0.050265
2131	495561.06	3859651.99	1.29252	1.58945	1.45789	1.0952	2.95E-02	0.00169	2.2E-05	0.0035	0.03471	3.90E-02	0.002239	1.78E-05	0.002174	4.34E-02	0.045193	0.002264	1.32E-05	0.002398	0.049868

2132	495611.06	3859651.99	1.27847	1.57259	1.43208	1.08511	2.92E-02	0.00168	2.2E-05	0.00347	0.03434	3.86E-02	0.002216	1.75E-05	0.002154	4.30E-02	0.044702	0.00224	1.3E-05	0.002376	0.04933
2133	495661.06	3859651.99	1.26273	1.55091	1.40465	1.07152	2.88E-02	0.00165	2.1E-05	0.00343	0.03392	3.81E-02	0.002185	1.72E-05	0.002127	4.24E-02	0.044151	0.002209	1.27E-05	0.002346	0.048719
2134	494311.06	3859701.99	1.53526	2.31904	2.08329	1.60664	3.50E-02	0.00247	3.1E-05	0.00514	0.04267	4.63E-02	0.003267	2.55E-05	0.003189	5.28E-02	0.05368	0.003303	1.88E-05	0.003518	0.06052
2135	494361.06	3859701.99	1.5421	2.35615	2.08423	1.56675	3.52E-02	0.00251	3.1E-05	0.00501	0.04274	4.65E-02	0.00332	2.55E-05	0.00311	5.30E-02	0.053919	0.003356	1.89E-05	0.003431	0.060724
2136	494411.06	3859701.99	1.54276	2.36431	2.07341	1.5484	3.52E-02	0.00252	3.1E-05	0.00495	0.04271	4.66E-02	0.003331	2.54E-05	0.003073	5.30E-02	0.053943	0.003367	1.88E-05	0.00339	0.060719
2137	494461.06	3859701.99	1.53203	2.33449	2.04489	1.56421	3.50E-02	0.00249	3.1E-05	0.005	0.04248	4.62E-02	0.003289	2.5E-05	0.003105	5.27E-02	0.053567	0.003325	1.85E-05	0.003425	0.060336
2138	494511.06	3859701.99	1.53458	2.33922	2.0371	1.52842	3.50E-02	0.00249	3.1E-05	0.00489	0.04243	4.63E-02	0.003296	2.49E-05	0.003034	5.27E-02	0.053657	0.003331	1.84E-05	0.003347	0.060353
2139	494561.06	3859701.99	1.53025	2.32594	2.02002	1.50361	3.49E-02	0.00248	3E-05	0.00481	0.04224	4.62E-02	0.003277	2.47E-05	0.002985	5.25E-02	0.053505	0.003312	1.83E-05	0.003292	0.060128
2140	494611.06	3859701.99	1.5253	2.30765	2.00204	1.5009	3.48E-02	0.00246	3E-05	0.0048	0.0421	4.60E-02	0.003251	2.45E-05	0.002979	5.23E-02	0.053332	0.003286	1.81E-05	0.003286	0.059923
2141	494661.06	3859701.99	1.52857	2.32693	1.99947	1.4225	3.49E-02	0.00248	3E-05	0.00455	0.04194	4.61E-02	0.003278	2.45E-05	0.002824	5.23E-02	0.053446	0.003314	1.81E-05	0.003115	0.059893
2142	494711.06	3859701.99	1.52045	2.28146	1.97339	1.43916	3.47E-02	0.00243	3E-05	0.0046	0.04176	4.59E-02	0.003214	2.42E-05	0.002857	5.20E-02	0.053162	0.003249	1.79E-05	0.003151	0.059581
2143	494761.06	3859701.99	1.51255	2.24742	1.95129	1.41515	3.45E-02	0.00239	2.9E-05	0.00452	0.04147	4.57E-02	0.003166	2.39E-05	0.002809	5.16E-02	0.052886	0.003201	1.77E-05	0.003099	0.059203
2144	494811.06	3859701.99	1.50256	2.2042	1.92629	1.38857	3.43E-02	0.00235	2.9E-05	0.00444	0.04111	4.53E-02	0.003106	2.36E-05	0.002756	5.12E-02	0.052537	0.003139	1.74E-05	0.003041	0.058734
2145	494861.06	3859701.99	1.49116	2.1402	1.89404	1.4059	3.40E-02	0.00228	2.9E-05	0.00449	0.04083	4.50E-02	0.003015	2.32E-05	0.002791	5.08E-02	0.052138	0.003048	1.71E-05	0.003078	0.058282
2146	494911.06	3859701.99	1.47931	2.08116	1.86418	1.386	3.38E-02	0.00222	2.8E-05	0.00443	0.04044	4.46E-02	0.002932	2.28E-05	0.002751	5.04E-02	0.051724	0.002964	1.69E-05	0.003035	0.05774
2147	494961.06	3859701.99	1.46603	2.01515	1.8321	1.36624	3.35E-02	0.00215	2.8E-05	0.00437	0.04	4.42E-02	0.002839	2.24E-05	0.002712	4.98E-02	0.05126	0.00287	1.66E-05	0.002992	0.057138
2148	495011.06	3859701.99	1.4516	1.942	1.79596	1.36281	3.31E-02	0.00207	2.7E-05	0.00436	0.03958	4.38E-02	0.002736	2.2E-05	0.002705	4.93E-02	0.050755	0.002766	1.62E-05	0.002984	0.056521
2149	495061.06	3859701.99	1.43628	1.8663	1.75945	1.34717	3.28E-02	0.00199	2.7E-05	0.00431	0.0391	4.33E-02	0.002629	2.15E-05	0.002674	4.87E-02	0.050219	0.002658	1.59E-05	0.00295	0.055843
2150	495111.06	3859701.99	1.41999	1.81223	1.72136	1.32949	3.24E-02	0.00193	2.6E-05	0.00425	0.03861	4.29E-02	0.002553	2.11E-05	0.002639	4.81E-02	0.04965	0.002581	1.56E-05	0.002911	0.055157
2151	495161.06	3859701.99	1.4033	1.80499	1.6823	1.3069	3.20E-02	0.00192	2.5E-05	0.00418	0.03815	4.24E-02	0.002543	2.06E-05	0.002594	4.75E-02	0.049066	0.002571	1.52E-05	0.002862	0.054514
2152	495211.06	3859701.99	1.38571	1.79239	1.64198	1.28064	3.16E-02	0.00191	2.5E-05	0.00409	0.03765	4.18E-02	0.002525	2.01E-05	0.002542	4.69E-02	0.048451	0.002553	1.49E-05	0.002804	0.053823
2153	495261.06	3859701.99	1.36766	1.77135	1.62692	1.28203	3.12E-02	0.00189	2.5E-05	0.0041	0.03722	4.13E-02	0.002496	1.99E-05	0.002545	4.63E-02	0.04782	0.002523	1.47E-05	0.002807	0.053165
2154	495311.06	3859701.99	1.3606	1.74851	1.60903	1.2564	3.10E-02	0.00186	2.4E-05	0.00402	0.03695	4.11E-02	0.002464	1.97E-05	0.002494	4.60E-02	0.047573	0.00249	1.46E-05	0.002751	0.052829
2155	495361.06	3859701.99	1.35303	1.72056	1.59029	1.23255	3.09E-02	0.00183	2.4E-05	0.00394	0.03667	4.08E-02	0.002424	1.95E-05	0.002446	4.57E-02	0.047309	0.00245	1.44E-05	0.002699	0.052472
2156	495411.06	3859701.99	1.34263	1.68818	1.56918	1.196	3.06E-02	0.0018	2.4E-05	0.00382	0.03629	4.05E-02	0.002379	1.92E-05	0.002374	4.53E-02	0.046945	0.002404	1.42E-05	0.002619	0.051982
2157	495461.06	3859701.99	1.33301	1.65068	1.54803	1.1676	3.04E-02	0.00176	2.3E-05	0.00373	0.03594	4.02E-02	0.002326	1.89E-05	0.002318	4.49E-02	0.046609	0.002351	1.4E-05	0.002557	0.05153
2158	495511.06	3859701.99	1.31693	1.60611	1.52095	1.11146	3.01E-02	0.00171	2.3E-05	0.00355	0.03534	3.97E-02	0.002263	1.86E-05	0.002206	4.42E-02	0.046046	0.002287	1.38E-05	0.002434	0.050781
2159	495561.06	3859701.99	1.31237	1.58184	1.50369	1.11267	2.99E-02	0.00169	2.3E-05	0.00356	0.03521	3.96E-02	0.002229	1.84E-05	0.002209	4.41E-02	0.045887	0.002253	1.36E-05	0.002436	0.05059
2160	495611.06	3859701.99	1.30109	1.57834	1.48048	1.09796	2.97E-02	0.00168	2.2E-05	0.00351	0.03491	3.93E-02	0.002224	1.81E-05	0.002179	4.37E-02	0.045493	0.002248	1.34E-05	0.002404	0.050158
2161	495661.06	3859701.99	1.2884	1.57059	1.45591	1.08796	2.94E-02	0.00167	2.2E-05	0.00348	0.03458	3.89E-02	0.002213	1.78E-05	0.002159	4.33E-02	0.045049	0.002237	1.32E-05	0.002382	0.049681
2162	494311.06	3859751.99	1.50787	2.19997	2.02515	1.70401	3.44E-02	0.00234	3.1E-05	0.00545	0.04223	4.55E-02	0.0031	2.48E-05	0.003382	5.20E-02	0.052723	0.003133	1.83E-05	0.003731	0.059605
2163	494361.06	3859751.99	1.4894	2.20047	2.03233	1.67427	3.40E-02	0.00234	3.1E-05	0.00535	0.04172	4.50E-02	0.0031	2.49E-05	0.003323	5.14E-02	0.052077	0.003134	1.84E-05	0.003666	0.058895
2164	494411.06	3859751.99	1.49781	2.22135	2.04404	1.63409	3.42E-02	0.00237	3.1E-05	0.00522	0.0418	4.52E-02	0.00313	2.5E-05	0.003243	5.16E-02	0.052371	0.003164	1.85E-05	0.003578	0.059131
2165	494461.06	3859751.99	1.4864	2.21786	2.01643	1.64148	3.39E-02	0.00236	3E-05	0.00525	0.04156	4.49E-02	0.003125	2.47E-05	0.003258	5.13E-02	0.051972	0.003159	1.82E-05	0.003594	0.058743
2166	494511.06	3859751.99	1.47912	2.21847	1.99834	1.63204	3.38E-02	0.00236	3E-05	0.00522	0.04137	4.46E-02	0.003126	2.45E-05	0.003239	5.10E-02	0.051717	0.003159	1.81E-05	0.003574	0.058468
2167	494561.06	3859751.99	1.48496	2.23568	1.99488	1.59935	3.39E-02	0.00238	3E-05	0.00511	0.04141	4.48E-02	0.00315	2.44E-05	0.003175	5.12E-02	0.051922	0.003184	1.8E-05	0.003502	0.058626
2168	494611.06	3859751.99	1.49375	2.25752	1.99806	1.55512	3.41E-02	0.00241	3E-05	0.00497	0.0415	4.51E-02	0.003181	2.45E-05	0.003087	5.14E-02	0.052229	0.003215	1.81E-05	0.003405	0.058867
2169	494661.06	3859751.99	1.50697	2.28836	2.008	1.48219	3.44E-02	0.00244	3E-05	0.00474	0.0416	4.55E-02	0.003224	2.46E-05	0.002942	5.17E-02	0.052691	0.003259	1.82E-05	0.003246	0.059214
2170	494711.06	3859751.99	1.50078	2.26764	1.98698	1.47842	3.42E-02	0.00242	3E-05	0.00473	0.04142	4.53E-02	0.003195	2.43E-05	0.002935	5.14E-02	0.052475	0.003229	1.8E-05	0.003237	0.058959
2171	494761.06	3859751.99	1.49541	2.24677	1.96666	1.47918	3.41E-02	0.00239	3E-05	0.00473	0.04128	4.51E-02	0.003166	2.41E-05	0.002936	5.13E-02	0.052287	0.0032	1.78E-05	0.003239	0.058743
2172	494811.06	3859751.99	1.49337	2.23156	1.95062	1.46152	3.41E-02	0.00238	2.9E-05	0.00467	0.04116	4.51E-02	0.003144	2.39E-05	0.002901	5.11E-02	0.052216	0.003178	1.76E-05	0.0032	0.058612
2173	494861.06	3859751.99	1.48585	2.19971	1.92741	1.4558	3.39E-02	0.00234	2.9E-05	0.00465	0.04094	4.48E-02	0.003099	2.36E-05	0.00289	5.09E-02	0.051953	0.003133	1.74E-05	0.003188	0.058291
2174	494911.06	3859751.99	1.47718	2.16198	1.9023	1.44807	3.37E-02	0.0023	2.9E-05	0.00463	0.04067	4.46E-02	0.003046	2.33E-05	0.002874	5.05E-02	0.05165	0.003079	1.72E-05	0.003171	0.057916
2175	494961.06	3859751.99	1.46724	2.1175	1.87494	1.43932	3.35E-02	0.00226	2.8E-05	0.0046	0.04037	4.43E-02	0.002983	2.29E-05	0.002857	5.01E-02	0.051302	0.003016	1.7E-05	0.003152	0.057486
2176	495011.06	3859751.99	1.45662	2.06845	1.8465	1.42599	3.32E-02	0.0022	2.8E-05	0.00456	0.04003	4.40E-02	0.002914	2.26E-05	0.00283	4.97E-02	0.050931	0.002946	1.67E-05	0.003122	0.057016
2177	495061.06	3859751.99	1.44311	2.00959	1.81263	1.42289	3.29E-02	0.00214	2.7E-05	0.00455	0.03965	4.36E-02	0.002831	2.22E-05	0.002824	4.92E-02	0.050458	0.002862	1.64E-05	0.003116	0.056452
2178	495111.06	3859751.99	1.43017	1.9496	1.78025	1.40776	3.26E-02	0.00208	2.7E-05	0.0045	0.03924	4.32E-02	0.002747	2.18E-05	0.002794	4.87E-02	0.050006	0.002777	1.61E-05	0.003083	0.055881
2179	495161.06	3859751.99	1.4166	1.88541	1.7471	1.38744	3.23E-02	0.00201	2.6E-05	0.00444	0.0388	4.28E-02	0.002656	2.14E-05	0.002754	4.82E-02	0.049531	0.002685	1.58E-05	0.003038	0.05527
2180	495211.06	3859751.99	1.40277	1.81624	1.71234	1.36406	3.20E-02	0.00193	2.6E-05	0.00436	0.03833	4.23E-02	0.002559	2.1E-05	0.002708	4.76E-02	0.049048	0.002587	1.55E-05	0.002987	0.054637
2181	495261.06	3859751.99	1.38589	1.75876	1.67236	1.35359	3.16E-02	0.00187	2.5E-05	0.00433	0.03785	4.18E-02	0.002478	2.05E-05	0.002687	4.70E-02	0.048458	0.002505	1.51E-05	0.002964	0.053941
2182	495311.06	3859751.99	1.36935	1.75475	1.63345	1.33176	3.12E-02	0.00187	2.5E-05	0.00426	0.0374	4.13E-02	0.002472	2E-05	0.002643	4.65E-02	0.047879	0.002499	1.48E-05	0.002916	0.053309
2183	495361.06	3859751.99	1.35333	1.74497	1.61432	1.31194	3.09E-02	0.00186	2.4E-05	0.00419	0.03696	4.08E-02	0.002459	1.98E-05	0.002604	4.59E-02	0.047319	0.002485	1.46E-05	0.002873	0.052692
2184	495411.06	3859751.99	1.34779	1.73023	1.5979	1.29148	3.08E-02	0.00184	2.4E-05	0.00413	0.03675	4.07E-02	0.002438	1.96E-05	0.002563	4.57E-02	0.047125	0.002464	1.45E-05	0.002828	0.052432
2185	495461.06	3859751.99	1.33981	1.71321	1.58002	1.25534	3.06E-02	0.00183	2.4E-05	0.00401	0.03644	4.04E-02	0.002414	1.93E-05	0.002492	4.54E-02	0.046846	0.00244	1.43E-05	0.002749	0.052049
2186	495511.06	3859751.99	1.3307	1.6903	1.56039	1.21772	3.04E-02	0.0018	2.4E-05	0.00389	0.03608	4.02E-02	0.002382	1.91E-05	0.002417	4.50E-02	0.046528	0.002407	1.41E-05	0.002666	0.051616
2187	495561.06	3859751.99	1.32253	1.66091	1.5406	1.19325	3.02E-02	0.00177	2.3E-05	0.00381	0.03579	3.99E-02	0.00234	1.89E-05	0.002368	4.46E-02	0.046242	0.002365	1.39E-05	0.002613	0.051234
2188	495611.06	3859751.99	1.31366	1.62731	1.51994	1.1682	3.00E-02	0.00173	2.3E-05	0.00373	0.03547	3.96E-02	0.002293	1.86E-05	0.002319	4.43E-02	0.045932	0.002318	1.38E-05	0.002558	0.050821
2189	495661.06	3859751.99	1.30524	1.58992	1.49929	1.14967	2.98E-02	0.00169	2.3E-05	0.00368	0.03518	3.94E-02	0.00224	1.84E-05	0.002282	4.39E-02	0.045638	0.002264	1.36E-05	0.002517	0.050433
2190	494311.06	3859801.99	1.49252	2.10099	1.935	1.78699	3.41E-02	0.00224	2.9E-05	0.00571	0.04204	4.50E-02	0.00296	2.37E-05	0.003547	5.16E-02	0.052186	0.002992	1.75E-05	0.003913	0.059108
2191	494361.06	3859801.99	1.48842	2.1279	1.96118	1.74725	3.40E-02	0.00227	3E-05	0.00559	0.04185	4.49E-02	0.002998	2.4E-05	0.003468	5.14E-02	0.052043	0.00303	1.77E-05	0.003826	0.058917
2192	494411.06	3859801.99	1.48517	2.15291	1.99347	1.70155	3.39E-02	0.00229	3E-05	0.00544	0.04166	4.48E-02	0.003033	2.44E-05	0.003377	5.13E-02	0.051929	0.003066	1.8E-05	0.003726	0.058739

2193	494461.06	3859801.99	1.44336	2.12994	1.97087	1.70764	3.29E-02	0.00227	3E-05	0.00546	0.0407	4.36E-02	0.003001	2.41E-05	0.003389	5.00E-02	0.050467	0.003033	1.78E-05	0.003739	0.057257
2194	494511.06	3859801.99	1.42119	2.0873	1.9426	1.71521	3.24E-02	0.00222	2.9E-05	0.00548	0.04017	4.29E-02	0.002941	2.38E-05	0.003405	4.93E-02	0.049692	0.002973	1.76E-05	0.003756	0.056438
2195	494561.06	3859801.99	1.42683	2.07956	1.94414	1.68728	3.26E-02	0.00222	2.9E-05	0.00539	0.0402	4.31E-02	0.00293	2.38E-05	0.003349	4.94E-02	0.049889	0.002962	1.76E-05	0.003695	0.056563
2196	494611.06	3859801.99	1.45148	2.15214	1.97664	1.62572	3.31E-02	0.00229	3E-05	0.0052	0.04064	4.38E-02	0.003032	2.42E-05	0.003227	5.01E-02	0.050751	0.003065	1.79E-05	0.00356	0.057394
2197	494661.06	3859801.99	1.45995	2.17722	1.97802	1.59078	3.33E-02	0.00232	3E-05	0.00509	0.04075	4.41E-02	0.003068	2.42E-05	0.003158	5.03E-02	0.051047	0.003101	1.79E-05	0.003483	0.057649
2198	494711.06	3859801.99	1.47068	2.20565	1.98372	1.54574	3.36E-02	0.00235	3E-05	0.00494	0.04088	4.44E-02	0.003108	2.43E-05	0.003068	5.06E-02	0.051422	0.003141	1.79E-05	0.003385	0.057966
2199	494761.06	3859801.99	1.4543	2.17908	1.94934	1.54667	3.32E-02	0.00232	2.9E-05	0.00494	0.04048	4.39E-02	0.00307	2.39E-05	0.00307	5.01E-02	0.05085	0.003103	1.76E-05	0.003387	0.057357
2200	494811.06	3859801.99	1.45753	2.18464	1.94345	1.51184	3.33E-02	0.00233	2.9E-05	0.00483	0.04045	4.40E-02	0.003078	2.38E-05	0.003001	5.01E-02	0.050962	0.003111	1.76E-05	0.00331	0.057402
2201	494861.06	3859801.99	1.45205	2.17237	1.92529	1.49944	3.31E-02	0.00231	2.9E-05	0.00479	0.04027	4.38E-02	0.003061	2.36E-05	0.002976	4.99E-02	0.050771	0.003094	1.74E-05	0.003283	0.057165
2202	494911.06	3859801.99	1.45545	2.16806	1.91801	1.48219	3.32E-02	0.00231	2.9E-05	0.00474	0.04029	4.39E-02	0.003055	2.35E-05	0.002942	4.99E-02	0.05089	0.003088	1.74E-05	0.003246	0.05724
2203	494961.06	3859801.99	1.45097	2.14611	1.89848	1.47593	3.31E-02	0.00229	2.9E-05	0.00472	0.04015	4.38E-02	0.003024	2.32E-05	0.00293	4.98E-02	0.050733	0.003056	1.72E-05	0.003232	0.057038
2204	495011.06	3859801.99	1.44547	2.11959	1.87723	1.46658	3.30E-02	0.00226	2.8E-05	0.00469	0.03996	4.36E-02	0.002986	2.3E-05	0.002911	4.95E-02	0.050541	0.003019	1.7E-05	0.003211	0.056788
2205	495061.06	3859801.99	1.43602	2.08195	1.8498	1.46273	3.28E-02	0.00222	2.8E-05	0.00468	0.03969	4.33E-02	0.002933	2.26E-05	0.002903	4.92E-02	0.05021	0.002965	1.67E-05	0.003203	0.056395
2206	495111.06	3859801.99	1.43035	2.04612	1.82625	1.44506	3.26E-02	0.00218	2.8E-05	0.00462	0.03947	4.32E-02	0.002883	2.24E-05	0.002868	4.89E-02	0.050012	0.002914	1.65E-05	0.003164	0.056107
2207	495161.06	3859801.99	1.42077	2.00245	1.7992	1.42866	3.24E-02	0.00213	2.7E-05	0.00457	0.03915	4.29E-02	0.002821	2.2E-05	0.002836	4.86E-02	0.049677	0.002852	1.63E-05	0.003128	0.055673
2208	495211.06	3859801.99	1.40753	1.94824	1.76571	1.42154	3.21E-02	0.00208	2.7E-05	0.00454	0.03877	4.25E-02	0.002745	2.16E-05	0.002822	4.81E-02	0.049214	0.002775	1.6E-05	0.003113	0.055117
2209	495261.06	3859801.99	1.39582	1.89368	1.73542	1.40117	3.19E-02	0.00202	2.6E-05	0.00448	0.03838	4.21E-02	0.002668	2.12E-05	0.002781	4.76E-02	0.048805	0.002697	1.57E-05	0.003068	0.054585
2210	495311.06	3859801.99	1.37998	1.83066	1.69773	1.39354	3.15E-02	0.00195	2.6E-05	0.00446	0.03792	4.16E-02	0.002579	2.08E-05	0.002766	4.70E-02	0.048251	0.002607	1.54E-05	0.003051	0.053925
2211	495361.06	3859801.99	1.36552	1.76622	1.66259	1.37431	3.12E-02	0.00188	2.5E-05	0.00439	0.03746	4.12E-02	0.002488	2.03E-05	0.002728	4.64E-02	0.047745	0.002515	1.5E-05	0.003009	0.053285
2212	495411.06	3859801.99	1.35158	1.71175	1.62758	1.34782	3.08E-02	0.00182	2.5E-05	0.00431	0.037	4.08E-02	0.002412	1.99E-05	0.002675	4.59E-02	0.047258	0.002438	1.47E-05	0.002951	0.052662
2213	495461.06	3859801.99	1.33558	1.70946	1.59932	1.32821	3.05E-02	0.00182	2.4E-05	0.00425	0.03657	4.03E-02	0.002409	1.96E-05	0.002636	4.54E-02	0.046698	0.002435	1.45E-05	0.002908	0.052056
2214	495511.06	3859801.99	1.32985	1.7069	1.58489	1.29182	3.03E-02	0.00182	2.4E-05	0.00413	0.03632	4.01E-02	0.002405	1.94E-05	0.002564	4.51E-02	0.046498	0.002431	1.43E-05	0.002829	0.051772
2215	495561.06	3859801.99	1.32458	1.69389	1.56823	1.27432	3.02E-02	0.0018	2.4E-05	0.00407	0.03613	4.00E-02	0.002387	1.92E-05	0.002529	4.49E-02	0.046314	0.002412	1.42E-05	0.00279	0.051531
2216	495611.06	3859801.99	1.31929	1.67354	1.5503	1.26849	3.01E-02	0.00178	2.3E-05	0.00406	0.03597	3.98E-02	0.002358	1.9E-05	0.002518	4.47E-02	0.046129	0.002383	1.4E-05	0.002778	0.051304
2217	495661.06	3859801.99	1.31143	1.65542	1.53204	1.23322	2.99E-02	0.00176	2.3E-05	0.00394	0.03566	3.96E-02	0.002332	1.88E-05	0.002448	4.44E-02	0.045854	0.002358	1.39E-05	0.0027	0.050926
2218	494311.06	3859851.99	1.48827	1.9922	1.85565	1.83307	3.40E-02	0.00212	2.8E-05	0.00586	0.04197	4.49E-02	0.002807	2.27E-05	0.003638	5.14E-02	0.052037	0.002837	1.68E-05	0.004014	0.058905
2219	494361.06	3859851.99	1.47839	2.01833	1.87446	1.80908	3.37E-02	0.00215	2.8E-05	0.00578	0.0417	4.46E-02	0.002844	2.29E-05	0.003591	5.11E-02	0.051692	0.002874	1.7E-05	0.003961	0.058544
2220	494411.06	3859851.99	1.47179	2.04665	1.90137	1.77675	3.36E-02	0.00218	2.9E-05	0.00568	0.04148	4.44E-02	0.002884	2.33E-05	0.003527	5.09E-02	0.051461	0.002915	1.72E-05	0.00389	0.058283
2221	494461.06	3859851.99	1.4548	2.06081	1.91423	1.75404	3.32E-02	0.0022	2.9E-05	0.00561	0.04103	4.39E-02	0.002904	2.34E-05	0.003482	5.03E-02	0.050867	0.002935	1.73E-05	0.003841	0.05766
2222	494511.06	3859851.99	1.41968	2.04939	1.90678	1.7527	3.24E-02	0.00218	2.9E-05	0.0056	0.04021	4.28E-02	0.002887	2.33E-05	0.003479	4.92E-02	0.049639	0.002919	1.73E-05	0.003838	0.056413
2223	494561.06	3859851.99	1.3815	2.02575	1.8881	1.75478	3.15E-02	0.00216	2.8E-05	0.00561	0.03932	4.17E-02	0.002854	2.31E-05	0.003483	4.81E-02	0.048304	0.002885	1.71E-05	0.003842	0.055048
2224	494611.06	3859851.99	1.399	2.07207	1.92717	1.69468	3.19E-02	0.00221	2.9E-05	0.00542	0.03958	4.22E-02	0.002919	2.36E-05	0.003364	4.85E-02	0.048916	0.002951	1.74E-05	0.003711	0.055595
2225	494661.06	3859851.99	1.39596	2.04538	1.916	1.68337	3.19E-02	0.00218	2.9E-05	0.00538	0.03945	4.21E-02	0.002882	2.35E-05	0.003341	4.84E-02	0.04881	0.002913	1.73E-05	0.003686	0.055426
2226	494711.06	3859851.99	1.41322	2.06954	1.9387	1.63623	3.23E-02	0.0022	2.9E-05	0.00523	0.03972	4.27E-02	0.002916	2.37E-05	0.003248	4.88E-02	0.049413	0.002947	1.75E-05	0.003583	0.055961
2227	494761.06	3859851.99	1.40191	2.05792	1.91013	1.63348	3.20E-02	0.00219	2.9E-05	0.00522	0.03944	4.23E-02	0.002899	2.34E-05	0.003242	4.85E-02	0.049018	0.002931	1.73E-05	0.003577	0.055543
2228	494811.06	3859851.99	1.40695	2.0788	1.91042	1.60147	3.21E-02	0.00221	2.9E-05	0.00512	0.03947	4.25E-02	0.002929	2.34E-05	0.003179	4.86E-02	0.049194	0.002961	1.73E-05	0.003507	0.055678
2229	494861.06	3859851.99	1.40233	2.07902	1.89483	1.58063	3.20E-02	0.00221	2.9E-05	0.00505	0.0393	4.23E-02	0.002929	2.32E-05	0.003137	4.84E-02	0.049032	0.002961	1.71E-05	0.003461	0.055471
2230	494911.06	3859851.99	1.40803	2.09509	1.89501	1.54807	3.21E-02	0.00223	2.9E-05	0.00495	0.03934	4.25E-02	0.002952	2.32E-05	0.003073	4.85E-02	0.049232	0.002984	1.71E-05	0.00339	0.055622
2231	494961.06	3859851.99	1.40814	2.09413	1.8822	1.52816	3.21E-02	0.00223	2.8E-05	0.00489	0.03928	4.25E-02	0.00295	2.3E-05	0.003033	4.85E-02	0.049236	0.002982	1.7E-05	0.003346	0.055581
2232	495011.06	3859851.99	1.40738	2.08863	1.86791	1.5063	3.21E-02	0.00223	2.8E-05	0.00482	0.03919	4.25E-02	0.002943	2.29E-05	0.00299	4.84E-02	0.049209	0.002975	1.69E-05	0.003298	0.055499
2233	495061.06	3859851.99	1.40077	2.07074	1.84729	1.50304	3.20E-02	0.00221	2.8E-05	0.00481	0.03901	4.23E-02	0.002918	2.26E-05	0.002983	4.82E-02	0.048978	0.002949	1.67E-05	0.003291	0.055235
2234	495111.06	3859851.99	1.4035	2.06236	1.83829	1.48517	3.20E-02	0.0022	2.8E-05	0.00475	0.039	4.24E-02	0.002906	2.25E-05	0.002948	4.82E-02	0.049073	0.002937	1.66E-05	0.003252	0.055279
2235	495161.06	3859851.99	1.39969	2.03999	1.8201	1.47366	3.19E-02	0.00217	2.7E-05	0.00471	0.03885	4.22E-02	0.002874	2.23E-05	0.002925	4.81E-02	0.04894	0.002905	1.65E-05	0.003227	0.055089
2236	495211.06	3859851.99	1.39352	2.00926	1.7975	1.46364	3.18E-02	0.00214	2.7E-05	0.00468	0.03865	4.21E-02	0.002831	2.2E-05	0.002905	4.78E-02	0.048724	0.002861	1.63E-05	0.003205	0.054807
2237	495261.06	3859851.99	1.38783	1.97485	1.77352	1.45016	3.17E-02	0.0021	2.7E-05	0.00464	0.03844	4.19E-02	0.002782	2.17E-05	0.002878	4.76E-02	0.048525	0.002812	1.6E-05	0.003175	0.054529
2238	495311.06	3859851.99	1.37579	1.9299	1.74223	1.44269	3.14E-02	0.00206	2.6E-05	0.00461	0.03809	4.15E-02	0.002719	2.13E-05	0.002864	4.71E-02	0.048104	0.002748	1.58E-05	0.003159	0.054028
2239	495361.06	3859851.99	1.3655	1.88274	1.71107	1.43024	3.12E-02	0.00201	2.6E-05	0.00457	0.03777	4.12E-02	0.002653	2.09E-05	0.002839	4.67E-02	0.047745	0.002681	1.55E-05	0.003132	0.053573
2240	495411.06	3859851.99	1.35617	1.83396	1.68214	1.40875	3.09E-02	0.00195	2.5E-05	0.0045	0.03743	4.09E-02	0.002584	2.06E-05	0.002796	4.63E-02	0.047418	0.002612	1.52E-05	0.003085	0.05313
2241	495461.06	3859851.99	1.34442	1.77904	1.65095	1.38703	3.07E-02	0.0019	2.5E-05	0.00443	0.03704	4.06E-02	0.002507	2.02E-05	0.002753	4.59E-02	0.047008	0.002534	1.49E-05	0.003037	0.052593
2242	495511.06	3859851.99	1.33219	1.71997	1.61992	1.35956	3.04E-02	0.00183	2.4E-05	0.00435	0.0366	4.02E-02	0.002423	1.98E-05	0.002699	4.53E-02	0.04658	0.002449	1.47E-05	0.002977	0.052021
2243	495561.06	3859851.99	1.3159	1.6617	1.5811	1.34992	3.00E-02	0.00177	2.4E-05	0.00432	0.03614	3.97E-02	0.002341	1.94E-05	0.002679	4.48E-02	0.04601	0.002367	1.43E-05	0.002956	0.051347
2244	495611.06	3859851.99	1.312	1.65934	1.56647	1.33656	2.99E-02	0.00177	2.4E-05	0.00427	0.03601	3.96E-02	0.002338	1.92E-05	0.002653	4.46E-02	0.045874	0.002363	1.42E-05	0.002927	0.051178
2245	495661.06	3859851.99	1.30765	1.65872	1.55309	1.30638	2.98E-02	0.00177	2.3E-05	0.00418	0.03581	3.95E-02	0.002337	1.9E-05	0.002593	4.44E-02	0.045722	0.002362	1.41E-05	0.002861	0.050959
2246	494311.06	3859901.99	1.48696	1.87375	1.85979	1.85454	3.39E-02	0.002	2.8E-05	0.00593	0.04189	4.49E-02	0.00264	2.28E-05	0.003681	5.12E-02	0.051991	0.002668	1.68E-05	0.004061	0.058738
2247	494361.06	3859901.99	1.48879	1.91827	1.85949	1.82084	3.40E-02	0.00204	2.8E-05	0.00582	0.04187	4.49E-02	0.002703	2.28E-05	0.003614	5.13E-02	0.052055	0.002732	1.68E-05	0.003987	0.058791
2248	494411.06	3859901.99	1.46206	1.92885	1.8226	1.82087	3.34E-02	0.00205	2.7E-05	0.00582	0.04127	4.41E-02	0.002718	2.23E-05	0.003614	5.05E-02	0.051121	0.002747	1.65E-05	0.003987	0.057871
2249	494461.06	3859901.99	1.44636	1.94942	1.82865	1.80586	3.30E-02	0.00208	2.8E-05	0.00577	0.04088	4.37E-02	0.002747	2.24E-05	0.003584	5.00E-02	0.050572	0.002776	1.65E-05	0.003954	0.057319
2250	494511.06	3859901.99	1.42166	1.95616	1.8346	1.79902	3.24E-02	0.00208	2.8E-05	0.00575	0.04031	4.29E-02	0.002756	2.25E-05	0.003571	4.93E-02	0.049708	0.002786	1.66E-05	0.003939	0.05645
2251	494561.06	3859901.99	1.38062	1.93024	1.81748	1.81263	3.15E-02	0.00206	2.7E-05	0.0058	0.03939	4.17E-02	0.00272	2.22E-05	0.003598	4.80E-02	0.048273	0.002749	1.64E-05	0.003969	0.055008
2252	494611.06	3859901.99	1.38975	1.98546	1.86003	1.75723	3.17E-02	0.00212	2.8E-05	0.00562	0.03948	4.19E-02	0.002797	2.28E-05	0.003488	4.83E-02	0.048593	0.002828	1.68E-05	0.003848	0.055285
2253	494661.06	3859901.99	1.34926	1.96025	1.84071	1.76197	3.08E-02	0.00209	2.8E-05	0.00563	0.03854	4.07E-02	0.002762	2.25E-05	0.003497	4.70E-02	0.047177	0.002792	1.67E-05	0.003858	0.053843

2254	494711.06	3859901.99	1.3601	2.00688	1.88406	1.70399	3.10E-02	0.00214	2.8E-05	0.00545	0.03865	4.10E-02	0.002828	2.31E-05	0.003382	4.73E-02	0.047556	0.002858	1.7E-05	0.003731	0.054162
2255	494761.06	3859901.99	1.35307	1.98814	1.86985	1.69663	3.09E-02	0.00212	2.8E-05	0.00542	0.03845	4.08E-02	0.002801	2.29E-05	0.003368	4.70E-02	0.04731	0.002831	1.69E-05	0.003715	0.053873
2256	494811.06	3859901.99	1.34684	1.96415	1.85129	1.68801	3.07E-02	0.00209	2.8E-05	0.0054	0.03825	4.06E-02	0.002767	2.27E-05	0.003351	4.68E-02	0.047092	0.002797	1.67E-05	0.003696	0.053602
2257	494861.06	3859901.99	1.34605	1.94992	1.84327	1.66733	3.07E-02	0.00208	2.8E-05	0.00533	0.03815	4.06E-02	0.002747	2.26E-05	0.003309	4.67E-02	0.047065	0.002777	1.67E-05	0.003651	0.053509
2258	494911.06	3859901.99	1.354	1.95055	1.85146	1.63122	3.09E-02	0.00208	2.8E-05	0.00522	0.03822	4.09E-02	0.002748	2.27E-05	0.003238	4.69E-02	0.047343	0.002778	1.67E-05	0.003572	0.053709
2259	494961.06	3859901.99	1.35324	1.93204	1.84212	1.60681	3.09E-02	0.00206	2.8E-05	0.00514	0.03811	4.08E-02	0.002722	2.25E-05	0.003189	4.68E-02	0.047316	0.002752	1.67E-05	0.003518	0.053603
2260	495011.06	3859901.99	1.35936	1.94206	1.84028	1.58236	3.10E-02	0.00207	2.8E-05	0.00506	0.03818	4.10E-02	0.002736	2.25E-05	0.003141	4.69E-02	0.04753	0.002766	1.66E-05	0.003465	0.053777
2261	495061.06	3859901.99	1.35989	1.94735	1.83108	1.56114	3.10E-02	0.00207	2.8E-05	0.00499	0.03813	4.10E-02	0.002744	2.24E-05	0.003099	4.69E-02	0.047548	0.002773	1.66E-05	0.003418	0.053757
2262	495111.06	3859901.99	1.36678	2.01763	1.83021	1.52973	3.12E-02	0.00215	2.8E-05	0.00489	0.03826	4.13E-02	0.002843	2.24E-05	0.003036	4.72E-02	0.047789	0.002873	1.66E-05	0.00335	0.054029
2263	495161.06	3859901.99	1.37023	2.02034	1.82289	1.49996	3.13E-02	0.00215	2.7E-05	0.0048	0.03824	4.14E-02	0.002847	2.23E-05	0.002977	4.72E-02	0.04791	0.002877	1.65E-05	0.003284	0.054088
2264	495211.06	3859901.99	1.36125	2.00007	1.79838	1.49585	3.11E-02	0.00213	2.7E-05	0.00478	0.038	4.11E-02	0.002818	2.2E-05	0.002969	4.69E-02	0.047596	0.002848	1.63E-05	0.003275	0.053736
2265	495261.06	3859901.99	1.36679	1.99705	1.79192	1.47363	3.12E-02	0.00213	2.7E-05	0.00471	0.03806	4.13E-02	0.002814	2.19E-05	0.002925	4.70E-02	0.04779	0.002844	1.62E-05	0.003227	0.053877
2266	495311.06	3859901.99	1.35546	1.96594	1.76289	1.47311	3.09E-02	0.00209	2.7E-05	0.00471	0.03776	4.09E-02	0.00277	2.16E-05	0.002924	4.66E-02	0.047394	0.0028	1.59E-05	0.003226	0.053435
2267	495361.06	3859901.99	1.35096	1.94043	1.74298	1.4598	3.08E-02	0.00207	2.6E-05	0.00467	0.03759	4.08E-02	0.002734	2.13E-05	0.002898	4.64E-02	0.047236	0.002763	1.58E-05	0.003196	0.053212
2268	495411.06	3859901.99	1.34877	1.9129	1.72605	1.44014	3.08E-02	0.00204	2.6E-05	0.0046	0.03745	4.07E-02	0.002695	2.11E-05	0.002859	4.63E-02	0.04716	0.002724	1.56E-05	0.003153	0.053053
2269	495461.06	3859901.99	1.3428	1.8756	1.70091	1.42397	3.06E-02	0.002	2.6E-05	0.00455	0.03722	4.05E-02	0.002643	2.08E-05	0.002826	4.60E-02	0.046951	0.002671	1.54E-05	0.003118	0.052755
2270	495511.06	3859901.99	1.32874	1.828	1.66617	1.41681	3.03E-02	0.00195	2.5E-05	0.00453	0.03683	4.01E-02	0.002576	2.04E-05	0.002812	4.55E-02	0.046459	0.002603	1.51E-05	0.003102	0.05218
2271	495561.06	3859901.99	1.31432	1.77691	1.63015	1.4078	3.00E-02	0.00189	2.5E-05	0.0045	0.03641	3.97E-02	0.002504	2E-05	0.002794	4.50E-02	0.045955	0.002531	1.47E-05	0.003083	0.051583
2272	495611.06	3859901.99	1.30548	1.72689	1.59973	1.38583	2.98E-02	0.00184	2.4E-05	0.00443	0.03609	3.94E-02	0.002433	1.96E-05	0.002751	4.46E-02	0.045646	0.002459	1.45E-05	0.003035	0.051154
2273	495661.06	3859901.99	1.29421	1.67235	1.56888	1.36013	2.95E-02	0.00178	2.4E-05	0.00435	0.03569	3.91E-02	0.002356	1.92E-05	0.0027	4.41E-02	0.045252	0.002382	1.42E-05	0.002978	0.050626
2274	494311.06	3859951.99	1.48102	1.94635	1.85393	1.98567	3.38E-02	0.00207	2.8E-05	0.00635	0.04225	4.47E-02	0.002742	2.27E-05	0.003941	5.14E-02	0.051784	0.002772	1.68E-05	0.004348	0.05892
2275	494361.06	3859951.99	1.4689	1.8983	1.84113	1.91627	3.35E-02	0.00202	2.8E-05	0.00613	0.0417	4.43E-02	0.002675	2.25E-05	0.003804	5.08E-02	0.05136	0.002703	1.67E-05	0.004196	0.058276
2276	494411.06	3859951.99	1.45673	1.82861	1.82187	1.85333	3.32E-02	0.00195	2.7E-05	0.00593	0.04114	4.40E-02	0.002576	2.23E-05	0.003679	5.02E-02	0.050934	0.002604	1.65E-05	0.004058	0.057613
2277	494461.06	3859951.99	1.44009	1.82912	1.79795	1.83231	3.29E-02	0.00195	2.7E-05	0.00586	0.0407	4.35E-02	0.002577	2.2E-05	0.003637	4.97E-02	0.050353	0.002605	1.63E-05	0.004012	0.056986
2278	494511.06	3859951.99	1.41649	1.8398	1.76567	1.83249	3.23E-02	0.00196	2.7E-05	0.00586	0.04017	4.28E-02	0.002592	2.16E-05	0.003637	4.90E-02	0.049527	0.00262	1.6E-05	0.004013	0.056176
2279	494561.06	3859951.99	1.37678	1.72088	1.73588	1.85502	3.14E-02	0.00183	2.6E-05	0.00593	0.03921	4.16E-02	0.002425	2.12E-05	0.003682	4.77E-02	0.048139	0.002451	1.57E-05	0.004062	0.054667
2280	494611.06	3859951.99	1.37544	1.86337	1.77327	1.81604	3.14E-02	0.00199	2.7E-05	0.00581	0.03921	4.15E-02	0.002625	2.17E-05	0.003605	4.78E-02	0.048092	0.002654	1.6E-05	0.003977	0.054738
2281	494661.06	3859951.99	1.3428	1.72397	1.76473	1.81986	3.06E-02	0.00184	2.7E-05	0.00582	0.03833	4.05E-02	0.002429	2.16E-05	0.003612	4.66E-02	0.046951	0.002455	1.6E-05	0.003985	0.053407
2282	494711.06	3859951.99	1.34414	1.8928	1.79474	1.77987	3.07E-02	0.00202	2.7E-05	0.00569	0.03841	4.06E-02	0.002667	2.2E-05	0.003533	4.68E-02	0.046998	0.002696	1.62E-05	0.003897	0.053607
2283	494761.06	3859951.99	1.31979	1.89112	1.79359	1.76806	3.01E-02	0.00201	2.7E-05	0.00565	0.03781	3.98E-02	0.002664	2.2E-05	0.003509	4.60E-02	0.046146	0.002693	1.62E-05	0.003871	0.052727
2284	494811.06	3859951.99	1.29907	1.89219	1.79423	1.75025	2.96E-02	0.00202	2.7E-05	0.0056	0.03728	3.92E-02	0.002666	2.2E-05	0.003474	4.54E-02	0.045422	0.002695	1.62E-05	0.003832	0.051965
2285	494861.06	3859951.99	1.28615	1.87647	1.78087	1.74012	2.94E-02	0.002	2.7E-05	0.00556	0.03694	3.88E-02	0.002644	2.18E-05	0.003454	4.49E-02	0.04497	0.002672	1.61E-05	0.00381	0.051469
2286	494911.06	3859951.99	1.30002	1.89117	1.79406	1.70697	2.97E-02	0.00201	2.7E-05	0.00546	0.03717	3.92E-02	0.002665	2.2E-05	0.003388	4.53E-02	0.045455	0.002693	1.62E-05	0.003738	0.051902
2287	494961.06	3859951.99	1.30735	1.89837	1.80001	1.67551	2.98E-02	0.00202	2.7E-05	0.00536	0.03724	3.95E-02	0.002675	2.2E-05	0.003326	4.55E-02	0.045711	0.002704	1.63E-05	0.003669	0.0521
2288	495011.06	3859951.99	1.3131	1.89788	1.80215	1.64584	3.00E-02	0.00202	2.7E-05	0.00526	0.03728	3.96E-02	0.002674	2.21E-05	0.003267	4.56E-02	0.045912	0.002703	1.63E-05	0.003604	0.052235
2289	495061.06	3859951.99	1.31396	1.88723	1.79604	1.62356	3.00E-02	0.00201	2.7E-05	0.00519	0.03721	3.97E-02	0.002659	2.2E-05	0.003223	4.56E-02	0.045943	0.002688	1.62E-05	0.003555	0.052202
2290	495111.06	3859951.99	1.32149	1.88618	1.80221	1.59577	3.02E-02	0.00201	2.7E-05	0.0051	0.0373	3.99E-02	0.002658	2.21E-05	0.003167	4.57E-02	0.046206	0.002686	1.63E-05	0.003494	0.052403
2291	495161.06	3859951.99	1.32978	1.8907	1.80383	1.56818	3.03E-02	0.00201	2.7E-05	0.00501	0.0374	4.01E-02	0.002664	2.21E-05	0.003113	4.59E-02	0.046496	0.002693	1.63E-05	0.003434	0.052638
2292	495211.06	3859951.99	1.33513	1.95656	1.80149	1.54005	3.05E-02	0.00208	2.7E-05	0.00492	0.0375	4.03E-02	0.002757	2.2E-05	0.003057	4.61E-02	0.046683	0.002786	1.63E-05	0.003372	0.052858
2293	495261.06	3859951.99	1.33426	1.9577	1.79057	1.51722	3.04E-02	0.00209	2.7E-05	0.00485	0.03741	4.03E-02	0.002758	2.19E-05	0.003012	4.61E-02	0.046652	0.002788	1.62E-05	0.003322	0.052779
2294	495311.06	3859951.99	1.32357	1.93934	1.76455	1.50393	3.02E-02	0.00207	2.7E-05	0.00481	0.03711	3.99E-02	0.002732	2.16E-05	0.002985	4.57E-02	0.046279	0.002762	1.6E-05	0.003293	0.05235
2295	495361.06	3859951.99	1.3193	1.9272	1.74613	1.49135	3.01E-02	0.00205	2.6E-05	0.00477	0.03695	3.98E-02	0.002715	2.14E-05	0.00296	4.55E-02	0.046129	0.002745	1.58E-05	0.003266	0.052155
2296	495411.06	3859951.99	1.31982	1.91971	1.73354	1.47493	3.01E-02	0.00205	2.6E-05	0.00472	0.03691	3.98E-02	0.002705	2.12E-05	0.002928	4.55E-02	0.046147	0.002734	1.57E-05	0.00323	0.052127
2297	495461.06	3859951.99	1.31732	1.90241	1.71517	1.46173	3.01E-02	0.00203	2.6E-05	0.00467	0.03679	3.98E-02	0.00268	2.1E-05	0.002901	4.54E-02	0.04606	0.002709	1.55E-05	0.003201	0.051986
2298	495511.06	3859951.99	1.31383	1.88027	1.6959	1.44682	3.00E-02	0.002	2.6E-05	0.00463	0.03664	3.97E-02	0.002649	2.08E-05	0.002872	4.52E-02	0.045938	0.002678	1.53E-05	0.003168	0.051799
2299	495561.06	3859951.99	1.29672	1.83742	1.65699	1.44929	2.96E-02	0.00196	2.5E-05	0.00463	0.03621	3.91E-02	0.002589	2.03E-05	0.002877	4.46E-02	0.04534	0.002617	1.5E-05	0.003173	0.051145
2300	495611.06	3859951.99	1.29171	1.80706	1.6366	1.43044	2.95E-02	0.00193	2.5E-05	0.00457	0.036	3.90E-02	0.002546	2E-05	0.002839	4.44E-02	0.045165	0.002574	1.48E-05	0.003132	0.050885
2301	495661.06	3859951.99	1.29048	1.77372	1.61943	1.40466	2.94E-02	0.00189	2.4E-05	0.00449	0.03585	3.89E-02	0.002499	1.98E-05	0.002788	4.43E-02	0.045122	0.002526	1.47E-05	0.003076	0.050738
2302	494311.06	3860001.99	1.47911	2.03198	1.85212	2.12381	3.38E-02	0.00216	2.8E-05	0.00679	0.04274	4.46E-02	0.002863	2.27E-05	0.004216	5.17E-02	0.051717	0.002894	1.68E-05	0.00465	0.059278
2303	494361.06	3860001.99	1.46258	1.98435	1.83166	2.05991	3.34E-02	0.00211	2.8E-05	0.00659	0.0421	4.41E-02	0.002796	2.24E-05	0.004089	5.10E-02	0.051139	0.002826	1.66E-05	0.004511	0.058492
2304	494411.06	3860001.99	1.45661	1.93725	1.81982	1.98162	3.32E-02	0.00206	2.7E-05	0.00634	0.04167	4.40E-02	0.002729	2.23E-05	0.003933	5.06E-02	0.05093	0.002759	1.65E-05	0.004339	0.058045
2305	494461.06	3860001.99	1.4359	1.89036	1.79292	1.93117	3.28E-02	0.00201	2.7E-05	0.00617	0.04098	4.33E-02	0.002663	2.19E-05	0.003833	4.99E-02	0.050206	0.002692	1.62E-05	0.004229	0.057143
2306	494511.06	3860001.99	1.42463	1.84411	1.77583	1.86831	3.25E-02	0.00196	2.7E-05	0.00597	0.04048	4.30E-02	0.002598	2.17E-05	0.003708	4.93E-02	0.049812	0.002626	1.61E-05	0.004091	0.056545
2307	494561.06	3860001.99	1.38082	1.79794	1.71787	1.86759	3.15E-02	0.00192	2.6E-05	0.00597	0.03942	4.17E-02	0.002533	2.1E-05	0.003707	4.79E-02	0.04828	0.002561	1.55E-05	0.004089	0.054946
2308	494611.06	3860001.99	1.367	1.75336	1.69823	1.85366	3.12E-02	0.00187	2.6E-05	0.00593	0.03902	4.13E-02	0.00247	2.08E-05	0.003679	4.74E-02	0.047797	0.002497	1.54E-05	0.004059	0.054368
2309	494661.06	3860001.99	1.34693	1.70932	1.68809	1.84926	3.07E-02	0.00182	2.5E-05	0.00591	0.0385	4.07E-02	0.002408	2.07E-05	0.003671	4.68E-02	0.047095	0.002434	1.53E-05	0.004049	0.053594
2310	494711.06	3860001.99	1.35505	1.68461	1.73763	1.8017	3.09E-02	0.00179	2.6E-05	0.00576	0.0385	4.09E-02	0.002374	2.13E-05	0.003576	4.69E-02	0.047379	0.002399	1.57E-05	0.003945	0.053739
2311	494761.06	3860001.99	1.32019	1.68737	1.71921	1.81282	3.01E-02	0.0018	2.6E-05	0.0058	0.03775	3.98E-02	0.002377	2.1E-05	0.003598	4.58E-02	0.04616	0.002403	1.56E-05	0.003969	0.052548
2312	494811.06	3860001.99	1.29704	1.68846	1.7182	1.80432	2.96E-02	0.0018	2.6E-05	0.00577	0.03719	3.91E-02	0.002379	2.1E-05	0.003581	4.51E-02	0.045351	0.002405	1.55E-05	0.003951	0.051722
2313	494861.06	3860001.99	1.27195	1.68753	1.71202	1.79676	2.90E-02	0.0018	2.6E-05	0.00574	0.03659	3.84E-02	0.002378	2.1E-05	0.003566	4.44E-02	0.044474	0.002403	1.55E-05	0.003934	0.050827
2314	494911.06	3860001.99	1.27525	1.83936	1.75736	1.74482	2.91E-02	0.00196	2.6E-05	0.00558	0.03667	3.85E-02	0.002592	2.15E-05	0.003463	4.46E-02	0.044589	0.00262	1.59E-05	0.003821	0.051045

2315	494961.06	3860001.99	1.25992	1.83198	1.75038	1.73229	2.88E-02	0.00195	2.6E-05	0.00554	0.03627	3.80E-02	0.002581	2.14E-05	0.003438	4.41E-02	0.044053	0.002609	1.58E-05	0.003793	0.050471
2316	495011.06	3860001.99	1.26995	1.84563	1.76023	1.70348	2.90E-02	0.00197	2.7E-05	0.00545	0.03642	3.83E-02	0.0026	2.15E-05	0.003381	4.43E-02	0.044404	0.002628	1.59E-05	0.00373	0.050778
2317	495061.06	3860001.99	1.26291	1.83086	1.74568	1.68917	2.88E-02	0.00195	2.6E-05	0.0054	0.0362	3.81E-02	0.00258	2.14E-05	0.003353	4.41E-02	0.044158	0.002607	1.58E-05	0.003699	0.050479
2318	495111.06	3860001.99	1.27393	1.84158	1.75589	1.65635	2.91E-02	0.00196	2.6E-05	0.0053	0.03636	3.84E-02	0.002595	2.15E-05	0.003288	4.44E-02	0.044543	0.002623	1.59E-05	0.003627	0.050808
2319	495161.06	3860001.99	1.28114	1.84846	1.76199	1.63003	2.92E-02	0.00197	2.7E-05	0.00521	0.03644	3.87E-02	0.002604	2.16E-05	0.003235	4.45E-02	0.044795	0.002632	1.59E-05	0.003569	0.051013
2320	495211.06	3860001.99	1.27429	1.82812	1.7448	1.62192	2.91E-02	0.00195	2.6E-05	0.00519	0.03624	3.85E-02	0.002576	2.14E-05	0.003219	4.43E-02	0.044555	0.002604	1.58E-05	0.003551	0.050726
2321	495261.06	3860001.99	1.28124	1.82522	1.74588	1.59721	2.92E-02	0.00194	2.6E-05	0.00511	0.03632	3.87E-02	0.002572	2.14E-05	0.00317	4.44E-02	0.044798	0.002599	1.58E-05	0.003497	0.050911
2322	495311.06	3860001.99	1.27924	1.81651	1.73516	1.57858	2.92E-02	0.00194	2.6E-05	0.00505	0.0362	3.86E-02	0.002559	2.12E-05	0.003133	4.43E-02	0.044729	0.002587	1.57E-05	0.003457	0.050788
2323	495361.06	3860001.99	1.29517	1.8397	1.75045	1.53804	2.96E-02	0.00196	2.6E-05	0.00492	0.03646	3.91E-02	0.002592	2.14E-05	0.003053	4.48E-02	0.045286	0.00262	1.58E-05	0.003368	0.051289
2324	495411.06	3860001.99	1.28008	1.82611	1.72017	1.52921	2.92E-02	0.00195	2.6E-05	0.00489	0.03607	3.86E-02	0.002573	2.11E-05	0.003035	4.43E-02	0.044758	0.002601	1.56E-05	0.003348	0.050723
2325	495461.06	3860001.99	1.27933	1.82447	1.70738	1.50302	2.92E-02	0.00194	2.6E-05	0.00481	0.03597	3.86E-02	0.002571	2.09E-05	0.002983	4.42E-02	0.044732	0.002598	1.54E-05	0.003291	0.050637
2326	495511.06	3860001.99	1.27639	1.81794	1.69222	1.48594	2.91E-02	0.00194	2.6E-05	0.00475	0.03584	3.85E-02	0.002561	2.07E-05	0.002949	4.41E-02	0.044629	0.002589	1.53E-05	0.003254	0.050487
2327	495561.06	3860001.99	1.26354	1.79887	1.66361	1.48534	2.88E-02	0.00192	2.5E-05	0.00475	0.03553	3.81E-02	0.002534	2.04E-05	0.002948	4.36E-02	0.04418	0.002562	1.51E-05	0.003252	0.050009
2328	495611.06	3860001.99	1.26701	1.82444	1.65233	1.46615	2.89E-02	0.00194	2.5E-05	0.00469	0.03557	3.82E-02	0.002571	2.02E-05	0.00291	4.37E-02	0.044301	0.002598	1.49E-05	0.00321	0.050125
2329	495661.06	3860001.99	1.26662	1.80883	1.63584	1.44725	2.89E-02	0.00193	2.5E-05	0.00463	0.03548	3.82E-02	0.002549	2E-05	0.002873	4.37E-02	0.044287	0.002576	1.48E-05	0.003169	0.050047
2330	494411.06	3860051.99	1.45244	2.01922	1.81345	2.12639	3.31E-02	0.00215	2.7E-05	0.0068	0.04212	4.38E-02	0.002845	2.22E-05	0.004221	5.09E-02	0.050784	0.002876	1.64E-05	0.004656	0.058333
2331	494461.06	3860051.99	1.4381	1.97304	1.7947	2.06264	3.28E-02	0.0021	2.7E-05	0.00659	0.04154	4.34E-02	0.00278	2.2E-05	0.004094	5.03E-02	0.050283	0.00281	1.62E-05	0.004516	0.057626
2332	494511.06	3860051.99	1.42199	1.92718	1.77293	2.00362	3.25E-02	0.00205	2.7E-05	0.00641	0.04094	4.29E-02	0.002715	2.17E-05	0.003977	4.96E-02	0.04972	0.002745	1.6E-05	0.004387	0.056868
2333	494561.06	3860051.99	1.39497	1.88103	1.73748	1.97402	3.18E-02	0.002	2.6E-05	0.00631	0.04018	4.21E-02	0.00265	2.13E-05	0.003918	4.87E-02	0.048775	0.002679	1.57E-05	0.004322	0.055792
2334	494611.06	3860051.99	1.37409	1.83565	1.70824	1.92843	3.14E-02	0.00196	2.6E-05	0.00617	0.0395	4.15E-02	0.002586	2.09E-05	0.003828	4.79E-02	0.048045	0.002614	1.55E-05	0.004223	0.054897
2335	494661.06	3860051.99	1.35424	1.79084	1.68178	1.87915	3.09E-02	0.00191	2.5E-05	0.00601	0.03885	4.09E-02	0.002523	2.06E-05	0.00373	4.71E-02	0.047351	0.00255	1.52E-05	0.004115	0.054031
2336	494711.06	3860051.99	1.34441	1.74761	1.66685	1.83565	3.07E-02	0.00186	2.5E-05	0.00587	0.03844	4.06E-02	0.002462	2.04E-05	0.003644	4.67E-02	0.047007	0.002489	1.51E-05	0.004019	0.053531
2337	494761.06	3860051.99	1.32361	1.70442	1.64751	1.83465	3.02E-02	0.00182	2.5E-05	0.00587	0.03791	3.99E-02	0.002401	2.02E-05	0.003642	4.60E-02	0.04628	0.002427	1.49E-05	0.004017	0.052739
2338	494811.06	3860051.99	1.30017	1.66182	1.64569	1.83826	2.97E-02	0.00177	2.5E-05	0.00588	0.03734	3.92E-02	0.002341	2.01E-05	0.003649	4.53E-02	0.04546	0.002367	1.49E-05	0.004025	0.051867
2339	494861.06	3860051.99	1.27592	1.65069	1.64273	1.8372	2.91E-02	0.00176	2.5E-05	0.00587	0.03677	3.85E-02	0.002326	2.01E-05	0.003647	4.45E-02	0.044612	0.002351	1.49E-05	0.004023	0.051001
2340	494911.06	3860051.99	1.26264	1.65321	1.65403	1.8154	2.88E-02	0.00176	2.5E-05	0.0058	0.0364	3.81E-02	0.002329	2.02E-05	0.003603	4.41E-02	0.044148	0.002354	1.5E-05	0.003975	0.050493
2341	494961.06	3860051.99	1.2495	1.65395	1.67058	1.78962	2.85E-02	0.00176	2.5E-05	0.00572	0.03602	3.77E-02	0.00233	2.04E-05	0.003552	4.36E-02	0.043689	0.002355	1.51E-05	0.003919	0.049978
2342	495011.06	3860051.99	1.23663	1.65306	1.68517	1.76449	2.82E-02	0.00176	2.5E-05	0.00564	0.03565	3.73E-02	0.002329	2.06E-05	0.003502	4.32E-02	0.043239	0.002354	1.52E-05	0.003864	0.049472
2343	495061.06	3860051.99	1.22036	1.65053	1.68965	1.74311	2.78E-02	0.00176	2.5E-05	0.00557	0.03521	3.68E-02	0.002325	2.07E-05	0.00346	4.26E-02	0.04267	0.002351	1.53E-05	0.003817	0.048853
2344	495111.06	3860051.99	1.22836	1.6461	1.71034	1.71132	2.80E-02	0.00175	2.6E-05	0.00547	0.03528	3.71E-02	0.002319	2.09E-05	0.003397	4.28E-02	0.04295	0.002344	1.55E-05	0.003747	0.049057
2345	495161.06	3860051.99	1.23527	1.64018	1.71209	1.68699	2.82E-02	0.00175	2.6E-05	0.00539	0.03536	3.73E-02	0.002311	2.1E-05	0.003348	4.30E-02	0.043191	0.002336	1.55E-05	0.003694	0.049236
2346	495211.06	3860051.99	1.24056	1.79385	1.71688	1.66181	2.83E-02	0.00191	2.6E-05	0.00531	0.03556	3.74E-02	0.002527	2.1E-05	0.003299	4.33E-02	0.043376	0.002555	1.55E-05	0.003639	0.049585
2347	495261.06	3860051.99	1.24203	1.78748	1.70991	1.64899	2.83E-02	0.0019	2.6E-05	0.00527	0.03555	3.75E-02	0.002518	2.09E-05	0.003273	4.33E-02	0.043428	0.002546	1.55E-05	0.003611	0.049599
2348	495311.06	3860051.99	1.23756	1.77383	1.69611	1.63825	2.82E-02	0.00189	2.6E-05	0.00524	0.03539	3.74E-02	0.002499	2.08E-05	0.003252	4.31E-02	0.043271	0.002526	1.53E-05	0.003587	0.0494
2349	495361.06	3860051.99	1.23607	1.765	1.68872	1.62151	2.82E-02	0.00188	2.5E-05	0.00518	0.0353	3.73E-02	0.002487	2.07E-05	0.003219	4.30E-02	0.043219	0.002514	1.53E-05	0.003551	0.049299
2350	495411.06	3860051.99	1.23564	1.75724	1.68243	1.60085	2.82E-02	0.00187	2.5E-05	0.00512	0.03521	3.73E-02	0.002476	2.06E-05	0.003178	4.30E-02	0.043204	0.002503	1.52E-05	0.003505	0.049227
2351	495461.06	3860051.99	1.23634	1.75163	1.67739	1.57623	2.82E-02	0.00187	2.5E-05	0.00504	0.03514	3.73E-02	0.002468	2.05E-05	0.003129	4.29E-02	0.043229	0.002495	1.52E-05	0.003451	0.04919
2352	495511.06	3860051.99	1.23057	1.74986	1.66102	1.5577	2.81E-02	0.00186	2.5E-05	0.00498	0.03495	3.71E-02	0.002465	2.03E-05	0.003092	4.27E-02	0.043027	0.002492	1.5E-05	0.003411	0.048945
2353	495561.06	3860051.99	1.2284	1.75101	1.64975	1.53362	2.80E-02	0.00187	2.5E-05	0.0049	0.03483	3.71E-02	0.002467	2.02E-05	0.003044	4.26E-02	0.042951	0.002494	1.49E-05	0.003358	0.048818
2354	495611.06	3860051.99	1.23113	1.75363	1.6407	1.50361	2.81E-02	0.00187	2.5E-05	0.00481	0.0348	3.72E-02	0.002471	2.01E-05	0.002985	4.26E-02	0.043046	0.002497	1.48E-05	0.003292	0.048851
2355	495661.06	3860051.99	1.23764	1.76021	1.64156	1.47635	2.82E-02	0.00188	2.5E-05	0.00472	0.03486	3.74E-02	0.00248	2.01E-05	0.00293	4.28E-02	0.043274	0.002507	1.49E-05	0.003233	0.049028
2356	494411.06	3860101.99	1.46185	2.09563	1.81846	2.24149	3.34E-02	0.00223	2.7E-05	0.00717	0.04279	4.41E-02	0.002953	2.23E-05	0.004449	5.15E-02	0.051114	0.002984	1.65E-05	0.004908	0.059023
2357	494461.06	3860101.99	1.43776	2.04986	1.79199	2.20199	3.28E-02	0.00218	2.7E-05	0.00704	0.04206	4.34E-02	0.002888	2.19E-05	0.004371	5.07E-02	0.050271	0.002919	1.62E-05	0.004822	0.058028
2358	494511.06	3860101.99	1.42887	2.00577	1.77857	2.12589	3.26E-02	0.00214	2.7E-05	0.0068	0.04157	4.31E-02	0.002826	2.18E-05	0.00422	5.02E-02	0.04996	0.002857	1.61E-05	0.004655	0.057488
2359	494561.06	3860101.99	1.40733	1.96069	1.75307	2.07886	3.21E-02	0.00209	2.6E-05	0.00665	0.04088	4.25E-02	0.002762	2.15E-05	0.004126	4.94E-02	0.049207	0.002792	1.59E-05	0.004552	0.056567
2360	494611.06	3860101.99	1.38315	1.91449	1.72403	2.04536	3.16E-02	0.00204	2.6E-05	0.00654	0.04017	4.17E-02	0.002697	2.11E-05	0.00406	4.85E-02	0.048362	0.002727	1.56E-05	0.004479	0.055583
2361	494661.06	3860101.99	1.36413	1.86966	1.69962	1.99762	3.11E-02	0.00199	2.6E-05	0.00639	0.03953	4.12E-02	0.002634	2.08E-05	0.003965	4.78E-02	0.047697	0.002663	1.54E-05	0.004374	0.054749
2362	494711.06	3860101.99	1.35189	1.82691	1.68016	1.92919	3.09E-02	0.00195	2.5E-05	0.00617	0.03899	4.08E-02	0.002574	2.06E-05	0.003829	4.72E-02	0.047269	0.002602	1.52E-05	0.004224	0.05411
2363	494761.06	3860101.99	1.33312	1.78305	1.65455	1.88143	3.04E-02	0.0019	2.5E-05	0.00601	0.03836	4.02E-02	0.002512	2.03E-05	0.003734	4.65E-02	0.046612	0.002539	1.5E-05	0.00412	0.053286
2364	494811.06	3860101.99	1.31313	1.73991	1.62749	1.84745	3.00E-02	0.00185	2.5E-05	0.00591	0.03775	3.96E-02	0.002451	1.99E-05	0.003667	4.58E-02	0.045914	0.002478	1.47E-05	0.004045	0.052451
2365	494861.06	3860101.99	1.28054	1.69429	1.59699	1.87219	2.92E-02	0.00181	2.4E-05	0.00599	0.03704	3.86E-02	0.002387	1.95E-05	0.003716	4.48E-02	0.044774	0.002413	1.44E-05	0.004099	0.051301
2366	494911.06	3860101.99	1.28107	1.65713	1.61249	1.81641	2.92E-02	0.00177	2.4E-05	0.00581	0.03683	3.87E-02	0.002335	1.97E-05	0.003605	4.46E-02	0.044793	0.00236	1.46E-05	0.003977	0.051144
2367	494961.06	3860101.99	1.26261	1.6164	1.61755	1.80941	2.88E-02	0.00172	2.4E-05	0.00578	0.03634	3.81E-02	0.002277	1.98E-05	0.003591	4.40E-02	0.044147	0.002302	1.46E-05	0.003962	0.050426
2368	495011.06	3860101.99	1.24768	1.61774	1.62875	1.79317	2.85E-02	0.00172	2.5E-05	0.00573	0.03595	3.77E-02	0.002279	1.99E-05	0.003559	4.35E-02	0.043625	0.002304	1.47E-05	0.003926	0.04987
2369	495061.06	3860101.99	1.23228	1.61996	1.63862	1.77514	2.81E-02	0.00173	2.5E-05	0.00568	0.03555	3.72E-02	0.002282	2.01E-05	0.003523	4.30E-02	0.043087	0.002307	1.48E-05	0.003887	0.049295
2370	495111.06	3860101.99	1.21993	1.62063	1.65509	1.74951	2.78E-02	0.00173	2.5E-05	0.00559	0.03518	3.68E-02	0.002283	2.03E-05	0.003473	4.26E-02	0.042655	0.002308	1.5E-05	0.003831	0.048809
2371	495161.06	3860101.99	1.19936	1.61986	1.65205	1.7358	2.74E-02	0.00173	2.5E-05	0.00555	0.03467	3.62E-02	0.002282	2.02E-05	0.003445	4.19E-02	0.041936	0.002307	1.49E-05	0.003801	0.048058
2372	495211.06	3860101.99	1.19468	1.61722	1.65682	1.71615	2.73E-02	0.00172	2.5E-05	0.00549	0.0345	3.61E-02	0.002279	2.03E-05	0.003406	4.18E-02	0.041772	0.002303	1.5E-05	0.003758	0.047848
2373	495261.06	3860101.99	1.19907	1.61316	1.65885	1.6992	2.74E-02	0.00172	2.5E-05	0.00543	0.03454	3.62E-02	0.002273	2.03E-05	0.003373	4.19E-02	0.041925	0.002297	1.5E-05	0.003721	0.047958
2374	495311.06	3860101.99	1.20008	1.60737	1.65677	1.6854	2.74E-02	0.00171	2.5E-05	0.00539	0.03451	3.62E-02	0.002265	2.03E-05	0.003345	4.18E-02	0.041961	0.002289	1.5E-05	0.00369	0.047955
2375	495361.06	3860101.99	1.19602	1.6001	1.6429	1.67636	2.73E-02	0.0017	2.5E-05	0.00536	0.03438	3.61E-02	0.002254	2.01E-05	0.003327	4.17E-02	0.041819	0.002279	1.49E-05	0.003671	0.047783

2376	495411.06	3860101.99	1.19856	1.5911	1.64392	1.65685	2.74E-02	0.0017	2.5E-05	0.0053	0.03437	3.62E-02	0.002242	2.01E-05	0.003289	4.17E-02	0.041908	0.002266	1.49E-05	0.003628	0.047816
2377	495461.06	3860101.99	1.20732	1.72588	1.65525	1.62697	2.76E-02	0.00184	2.5E-05	0.0052	0.03462	3.64E-02	0.002432	2.03E-05	0.003229	4.21E-02	0.042214	0.002458	1.5E-05	0.003563	0.048249
2378	495511.06	3860101.99	1.20079	1.70819	1.63762	1.61502	2.74E-02	0.00182	2.5E-05	0.00516	0.03441	3.62E-02	0.002407	2E-05	0.003206	4.19E-02	0.041986	0.002433	1.48E-05	0.003536	0.047969
2379	495561.06	3860101.99	1.19321	1.56027	1.61832	1.60117	2.72E-02	0.00166	2.4E-05	0.00512	0.03404	3.60E-02	0.002198	1.98E-05	0.003178	4.14E-02	0.041721	0.002222	1.46E-05	0.003506	0.047463
2380	495611.06	3860101.99	1.20207	1.69786	1.6264	1.56809	2.74E-02	0.00181	2.5E-05	0.00501	0.03428	3.63E-02	0.002392	1.99E-05	0.003112	4.18E-02	0.04203	0.002418	1.47E-05	0.003434	0.047897
2381	495661.06	3860101.99	1.19815	1.69454	1.61453	1.54513	2.73E-02	0.00181	2.4E-05	0.00494	0.03411	3.62E-02	0.002387	1.98E-05	0.003067	4.16E-02	0.041893	0.002413	1.46E-05	0.003383	0.047704
2382	494861.06	3860151.99	1.29881	1.7653	1.61938	1.94468	2.96E-02	0.00188	2.4E-05	0.00622	0.03776	3.92E-02	0.002487	1.98E-05	0.00386	4.56E-02	0.045413	0.002514	1.47E-05	0.004258	0.0522
2383	494911.06	3860151.99	1.28695	1.73137	1.60151	1.8581	2.94E-02	0.00184	2.4E-05	0.00594	0.03718	3.88E-02	0.002439	1.96E-05	0.003688	4.50E-02	0.044998	0.002466	1.45E-05	0.004069	0.051547
2384	494961.06	3860151.99	1.27247	1.69076	1.57721	1.84182	2.90E-02	0.0018	2.4E-05	0.00589	0.03675	3.84E-02	0.002382	1.93E-05	0.003656	4.45E-02	0.044492	0.002408	1.43E-05	0.004033	0.050947
2385	495011.06	3860151.99	1.25986	1.65096	1.57858	1.82291	2.88E-02	0.00176	2.4E-05	0.00583	0.03636	3.80E-02	0.002326	1.93E-05	0.003618	4.40E-02	0.044051	0.002351	1.43E-05	0.003992	0.050408
2386	495061.06	3860151.99	1.24429	1.61177	1.58838	1.80348	2.84E-02	0.00172	2.4E-05	0.00577	0.0359	3.76E-02	0.002271	1.94E-05	0.00358	4.34E-02	0.043507	0.002295	1.44E-05	0.003949	0.049765
2387	495111.06	3860151.99	1.22748	1.58207	1.59415	1.78967	2.80E-02	0.00169	2.4E-05	0.00572	0.03544	3.70E-02	0.002229	1.95E-05	0.003552	4.28E-02	0.042919	0.002253	1.44E-05	0.003919	0.049105
2388	495161.06	3860151.99	1.21039	1.58579	1.59768	1.77747	2.76E-02	0.00169	2.4E-05	0.00568	0.03502	3.65E-02	0.002234	1.96E-05	0.003528	4.23E-02	0.042321	0.002258	1.45E-05	0.003892	0.048486
2389	495211.06	3860151.99	1.19406	1.58789	1.60337	1.761	2.72E-02	0.00169	2.4E-05	0.00563	0.0346	3.60E-02	0.002237	1.96E-05	0.003495	4.18E-02	0.04175	0.002261	1.45E-05	0.003856	0.047882
2390	495261.06	3860151.99	1.1754	1.58862	1.60279	1.74936	2.68E-02	0.00169	2.4E-05	0.00559	0.03413	3.55E-02	0.002238	1.96E-05	0.003472	4.12E-02	0.041098	0.002262	1.45E-05	0.003831	0.047205
2391	495311.06	3860151.99	1.15745	1.58763	1.60186	1.73635	2.64E-02	0.00169	2.4E-05	0.00555	0.03368	3.49E-02	0.002237	1.96E-05	0.003446	4.06E-02	0.04047	0.002261	1.45E-05	0.003802	0.046548
2392	495361.06	3860151.99	1.15761	1.58516	1.59818	1.72363	2.64E-02	0.00169	2.4E-05	0.00551	0.03364	3.49E-02	0.002233	1.96E-05	0.003421	4.06E-02	0.040476	0.002257	1.45E-05	0.003774	0.046522
2393	495411.06	3860151.99	1.16117	1.58115	1.59763	1.70735	2.65E-02	0.00168	2.4E-05	0.00546	0.03367	3.50E-02	0.002228	1.96E-05	0.003389	4.07E-02	0.0406	0.002252	1.45E-05	0.003739	0.046605
2394	495461.06	3860151.99	1.16071	1.57548	1.59427	1.69092	2.65E-02	0.00168	2.4E-05	0.00541	0.0336	3.50E-02	0.00222	1.95E-05	0.003356	4.06E-02	0.040584	0.002244	1.44E-05	0.003703	0.046545
2395	495511.06	3860151.99	1.1625	1.56821	1.59537	1.66928	2.65E-02	0.00167	2.4E-05	0.00534	0.03356	3.51E-02	0.00221	1.95E-05	0.003313	4.06E-02	0.040647	0.002233	1.44E-05	0.003655	0.04655
2396	495561.06	3860151.99	1.1618	1.55957	1.58732	1.65404	2.65E-02	0.00166	2.4E-05	0.00529	0.03349	3.51E-02	0.002197	1.94E-05	0.003283	4.06E-02	0.040622	0.002221	1.44E-05	0.003622	0.046479
2397	495611.06	3860151.99	1.16531	1.54921	1.58501	1.63131	2.66E-02	0.00165	2.4E-05	0.00522	0.03348	3.52E-02	0.002183	1.94E-05	0.003238	4.06E-02	0.040745	0.002206	1.43E-05	0.003572	0.046538
2398	495661.06	3860151.99	1.16708	1.53747	1.58983	1.60541	2.66E-02	0.00164	2.4E-05	0.00513	0.03343	3.52E-02	0.002166	1.95E-05	0.003187	4.06E-02	0.040807	0.00219	1.44E-05	0.003515	0.046526
2399	495718.25	3859442.96	1.06304	1.75868	1.27332	0.88669	2.43E-02	0.00187	1.9E-05	0.00283	0.02899	3.21E-02	0.002478	1.56E-05	0.00176	3.63E-02	0.037169	0.002505	1.15E-05	0.001942	0.041627
2400	495818.25	3859442.96	1.03917	1.81951	1.25049	0.84084	2.37E-02	0.00194	1.9E-05	0.00269	0.02836	3.14E-02	0.002564	1.53E-05	0.001669	3.56E-02	0.036335	0.002591	1.13E-05	0.001841	0.040778
2401	495918.25	3859442.96	1.01858	1.8862	1.23469	0.80499	2.32E-02	0.00201	1.9E-05	0.00257	0.02785	3.07E-02	0.002658	1.51E-05	0.001598	3.50E-02	0.035615	0.002686	1.12E-05	0.001763	0.040075
2402	496018.25	3859442.96	0.99781	1.9478	1.21996	0.77528	2.28E-02	0.00208	1.8E-05	0.00248	0.02734	3.01E-02	0.002744	1.49E-05	0.001539	3.44E-02	0.034888	0.002774	1.1E-05	0.001698	0.039371
2403	496118.25	3859442.96	0.99642	2.06015	1.23821	0.81376	2.27E-02	0.00219	1.9E-05	0.0026	0.02755	3.01E-02	0.002903	1.52E-05	0.001615	3.46E-02	0.03484	0.002934	1.12E-05	0.001782	0.039567
2404	496218.25	3859442.96	1.01842	2.1477	1.26017	0.84676	2.32E-02	0.00229	1.9E-05	0.00271	0.02826	3.07E-02	0.003026	1.54E-05	0.001681	3.55E-02	0.035609	0.003059	1.14E-05	0.001854	0.040533
2405	496318.25	3859442.96	1.01448	2.1751	1.25079	0.84421	2.32E-02	0.00232	1.9E-05	0.0027	0.02819	3.06E-02	0.003065	1.53E-05	0.001676	3.54E-02	0.035471	0.003098	1.13E-05	0.001849	0.040429
2406	496418.25	3859442.96	1.00767	2.18415	1.23559	0.83844	2.30E-02	0.00233	1.9E-05	0.00268	0.02802	3.04E-02	0.003077	1.51E-05	0.001664	3.52E-02	0.035233	0.003111	1.12E-05	0.001836	0.040191
2407	495718.25	3859542.96	1.15864	1.4078	1.29989	0.99355	2.64E-02	0.0015	2E-05	0.00318	0.03114	3.50E-02	0.001984	1.59E-05	0.001972	3.89E-02	0.040512	0.002005	1.18E-05	0.002176	0.044704
2408	495818.25	3859542.96	1.12251	1.43733	1.29756	0.96392	2.56E-02	0.00153	2E-05	0.00308	0.03025	3.39E-02	0.002025	1.59E-05	0.001913	3.78E-02	0.039248	0.002047	1.17E-05	0.002111	0.043418
2409	495918.25	3859542.96	1.08119	1.52353	1.28812	0.9251	2.47E-02	0.00162	1.9E-05	0.00296	0.02927	3.26E-02	0.002147	1.58E-05	0.001836	3.66E-02	0.037804	0.00217	1.17E-05	0.002026	0.042011
2410	496018.25	3859542.96	1.0419	1.61187	1.27901	0.89016	2.38E-02	0.00172	1.9E-05	0.00285	0.02836	3.14E-02	0.002271	1.57E-05	0.001767	3.55E-02	0.03643	0.002296	1.16E-05	0.001949	0.040686
2411	496118.25	3859542.96	1.03388	1.74724	1.29593	0.89433	2.36E-02	0.00186	2E-05	0.00286	0.02833	3.12E-02	0.002462	1.59E-05	0.001775	3.55E-02	0.03615	0.002488	1.17E-05	0.001958	0.040608
2412	496218.25	3859542.96	1.0468	1.8606	1.29996	0.92265	2.39E-02	0.00198	2E-05	0.00295	0.02884	3.16E-02	0.002621	1.59E-05	0.001831	3.61E-02	0.036601	0.00265	1.18E-05	0.00202	0.041283
2413	496318.25	3859542.96	1.05228	1.95521	1.29523	0.94014	2.40E-02	0.00208	2E-05	0.00301	0.02912	3.18E-02	0.002755	1.59E-05	0.001866	3.64E-02	0.036793	0.002785	1.17E-05	0.002059	0.041648
2414	496418.25	3859542.96	1.03982	2.01047	1.27342	0.92335	2.37E-02	0.00214	1.9E-05	0.00295	0.02884	3.14E-02	0.002833	1.56E-05	0.001833	3.61E-02	0.036357	0.002863	1.15E-05	0.002022	0.041254
2415	495718.25	3859642.96	1.23676	1.50906	1.37428	1.04862	2.82E-02	0.00161	2.1E-05	0.00335	0.0332	3.73E-02	0.002126	1.68E-05	0.002081	4.16E-02	0.043243	0.002149	1.24E-05	0.002296	0.047701
2416	495818.25	3859642.96	1.2037	1.45088	1.34412	1.02295	2.75E-02	0.00155	2E-05	0.00327	0.03231	3.63E-02	0.002044	1.65E-05	0.00203	4.04E-02	0.042087	0.002066	1.22E-05	0.00224	0.046406
2417	495918.25	3859642.96	1.17391	1.41787	1.32065	1.00606	2.68E-02	0.00151	2E-05	0.00322	0.03154	3.54E-02	0.001998	1.62E-05	0.001997	3.94E-02	0.041046	0.002019	1.19E-05	0.002203	0.04528
2418	496018.25	3859642.96	1.13858	1.40693	1.29291	0.97818	2.60E-02	0.0015	1.9E-05	0.00313	0.03063	3.44E-02	0.001982	1.58E-05	0.001942	3.83E-02	0.03981	0.002004	1.17E-05	0.002142	0.043968
2419	496118.25	3859642.96	1.11956	1.42489	1.30845	0.99056	2.55E-02	0.00152	2E-05	0.00317	0.03025	3.38E-02	0.002008	1.6E-05	0.001966	3.78E-02	0.039145	0.002029	1.18E-05	0.002169	0.043355
2420	496218.25	3859642.96	1.09221	1.45658	1.32053	0.99651	2.49E-02	0.00155	2E-05	0.00319	0.02968	3.30E-02	0.002052	1.62E-05	0.001978	3.70E-02	0.038189	0.002074	1.19E-05	0.002182	0.042457
2421	496318.25	3859642.96	1.07256	1.55096	1.31718	0.99803	2.45E-02	0.00165	2E-05	0.00319	0.02934	3.24E-02	0.002185	1.61E-05	0.001981	3.66E-02	0.037502	0.002209	1.19E-05	0.002185	0.041908
2422	496418.25	3859642.96	1.02312	1.57338	1.27827	0.90674	2.33E-02	0.00168	1.9E-05	0.0029	0.02794	3.09E-02	0.002217	1.56E-05	0.0018	3.49E-02	0.035773	0.002241	1.16E-05	0.001985	0.040011
2423	495718.25	3859742.96	1.29091	1.55177	1.46644	1.10319	2.95E-02	0.00165	2.2E-05	0.00353	0.03466	3.90E-02	0.002186	1.79E-05	0.00219	4.34E-02	0.045137	0.00221	1.33E-05	0.002416	0.049775
2424	495818.25	3859742.96	1.26479	1.538	1.41665	1.06777	2.89E-02	0.00164	2.1E-05	0.00341	0.03394	3.82E-02	0.002167	1.73E-05	0.002119	4.25E-02	0.044223	0.00219	1.28E-05	0.002338	0.048765
2425	495918.25	3859742.96	1.239	1.5158	1.37601	1.05049	2.83E-02	0.00161	2.1E-05	0.00336	0.03327	3.74E-02	0.002136	1.68E-05	0.002085	4.16E-02	0.043322	0.002159	1.24E-05	0.0023	0.047793
2426	496018.25	3859742.96	1.2099	1.48093	1.3517	1.02786	2.76E-02	0.00158	2E-05	0.00329	0.0325	3.65E-02	0.002087	1.65E-05	0.00204	4.07E-02	0.042304	0.002109	1.22E-05	0.002251	0.046676
2427	496118.25	3859742.96	1.18928	1.4562	1.34032	1.05097	2.71E-02	0.00155	2E-05	0.00336	0.03207	3.59E-02	0.002052	1.64E-05	0.002086	4.00E-02	0.041583	0.002074	1.21E-05	0.002301	0.04597
2428	496218.25	3859742.96	1.16438	1.45007	1.32765	1.1173	2.66E-02	0.00154	2E-05	0.00357	0.03171	3.51E-02	0.002043	1.62E-05	0.002218	3.94E-02	0.040712	0.002065	1.2E-05	0.002447	0.045236
2429	496318.25	3859742.96	1.12296	1.43639	1.2927	1.00651	2.56E-02	0.00153	1.9E-05	0.00322	0.03039	3.39E-02	0.002024	1.58E-05	0.001998	3.79E-02	0.039264	0.002046	1.17E-05	0.002204	0.043525
2430	496418.25	3859742.96	1.07477	1.40244	1.26476	0.9219	2.45E-02	0.00149	1.9E-05	0.00295	0.02899	3.24E-02	0.001976	1.55E-05	0.00183	3.63E-02	0.037579	0.001997	1.14E-05	0.002019	0.041607
2431	495718.25	3859842.96	1.30239	1.64818	1.53089	1.27049	2.97E-02	0.00176	2.3E-05	0.00406	0.03556	3.93E-02	0.002322	1.87E-05	0.002522	4.42E-02	0.045538	0.002347	1.38E-05	0.002782	0.050681
2432	495818.25	3859842.96	1.28825	1.61071	1.49412	1.22295	2.94E-02	0.00172	2.3E-05	0.00391	0.03505	3.89E-02	0.002269	1.83E-05	0.002427	4.36E-02	0.045044	0.002294	1.35E-05	0.002678	0.050029
2433	495918.25	3859842.96	1.27125	1.55735	1.45377	1.17006	2.90E-02	0.00166	2.2E-05	0.00374	0.03443	3.84E-02	0.002194	1.78E-05	0.002322	4.29E-02	0.044449	0.002218	1.32E-05	0.002562	0.049242
2434	496018.25	3859842.96	1.25223	1.48752	1.41033	1.1427	2.86E-02	0.00158	2.1E-05	0.00365	0.03384	3.78E-02	0.002096	1.73E-05	0.002268	4.22E-02	0.043784	0.002118	1.28E-05	0.002502	0.048417
2435	496118.25	3859842.96	1.22641	1.47232	1.35883	1.22038	2.80E-02	0.00157	2E-05	0.0039	0.03348	3.70E-02	0.002074	1.66E-05	0.002422	4.15E-02	0.042881	0.002097	1.23E-05	0.002672	0.047663
2436	496218.25	3859842.96	1.20603	1.4681	1.34639	1.12818	2.75E-02	0.00156	2E-05	0.00361	0.03271	3.64E-02	0.002068	1.65E-05	0.002239	4.07E-02	0.042169	0.002091	1.22E-05	0.00247	0.046742

2437	496318.25	3859842.96	1.15438	1.4015	1.29859	0.93565	2.63E-02	0.00149	2E-05	0.00299	0.03085	3.48E-02	0.001975	1.59E-05	0.001857	3.87E-02	0.040363	0.001996	1.17E-05	0.002049	0.044419
2438	496418.25	3859842.96	1.09675	1.3144	1.24347	0.86105	2.50E-02	0.0014	1.9E-05	0.00275	0.0292	3.31E-02	0.001852	1.52E-05	0.001709	3.67E-02	0.038348	0.001872	1.12E-05	0.001885	0.042116
2439	495718.25	3859942.96	1.27625	1.70188	1.56992	1.38564	2.91E-02	0.00181	2.4E-05	0.00443	0.03539	3.85E-02	0.002398	1.92E-05	0.00275	4.37E-02	0.044624	0.002424	1.42E-05	0.003034	0.050096
2440	495818.25	3859942.96	1.27134	1.59538	1.52543	1.34608	2.90E-02	0.0017	2.3E-05	0.0043	0.03504	3.84E-02	0.002248	1.87E-05	0.002672	4.33E-02	0.044452	0.002272	1.38E-05	0.002947	0.049686
2441	495918.25	3859942.96	1.26268	1.57302	1.49547	1.31758	2.88E-02	0.00168	2.3E-05	0.00421	0.03473	3.81E-02	0.002216	1.83E-05	0.002615	4.30E-02	0.04415	0.00224	1.35E-05	0.002885	0.049288
2442	496018.25	3859942.96	1.24225	1.53615	1.44789	1.32088	2.83E-02	0.00164	2.2E-05	0.00422	0.03423	3.75E-02	0.002164	1.77E-05	0.002622	4.23E-02	0.043435	0.002188	1.31E-05	0.002892	0.048528
2443	496118.25	3859942.96	1.23804	1.53319	1.42717	1.23912	2.83E-02	0.00163	2.2E-05	0.00396	0.03387	3.74E-02	0.00216	1.75E-05	0.00246	4.20E-02	0.043288	0.002183	1.29E-05	0.002713	0.048198
2444	496218.25	3859942.96	1.22404	1.51437	1.39595	1.10574	2.79E-02	0.00161	2.1E-05	0.00354	0.0331	3.69E-02	0.002134	1.71E-05	0.002195	4.13E-02	0.042798	0.002157	1.26E-05	0.002421	0.047389
2445	496318.25	3859942.96	1.19086	1.44913	1.33969	0.96839	2.72E-02	0.00154	2E-05	0.0031	0.03184	3.59E-02	0.002042	1.64E-05	0.001922	3.99E-02	0.041638	0.002064	1.21E-05	0.00212	0.045835
2446	496418.25	3859942.96	1.12693	1.32597	1.26211	0.8559	2.57E-02	0.00141	1.9E-05	0.00274	0.02989	3.40E-02	0.001868	1.54E-05	0.001699	3.76E-02	0.039403	0.001888	1.14E-05	0.001874	0.043177
2447	496856.82	3858864.83	0.68242	0.84507	0.90285	0.45498	1.56E-02	0.0009	1.4E-05	0.00145	0.01794	2.06E-02	0.001191	1.11E-05	0.000903	2.27E-02	0.023861	0.001204	8.17E-06	0.000996	0.026069
2448	496956.82	3858864.83	0.67011	0.83047	0.88074	0.45325	1.53E-02	0.00088	1.3E-05	0.00145	0.01764	2.02E-02	0.00117	1.08E-05	0.0009	2.23E-02	0.02343	0.001183	7.97E-06	0.000992	0.025614
2449	497056.82	3858864.83	0.65842	0.81373	0.86004	0.45176	1.50E-02	0.00087	1.3E-05	0.00144	0.01735	1.99E-02	0.001146	1.05E-05	0.000897	2.19E-02	0.023022	0.001159	7.78E-06	0.000989	0.025177
2450	497156.82	3858864.83	0.63943	0.79174	0.82998	0.44829	1.46E-02	0.00084	1.3E-05	0.00143	0.01688	1.93E-02	0.001116	1.02E-05	0.00089	2.13E-02	0.022358	0.001128	7.51E-06	0.000982	0.024474
2451	497256.82	3858864.83	0.64185	0.80181	0.82955	0.44993	1.46E-02	0.00085	1.3E-05	0.00144	0.01695	1.94E-02	0.00113	1.02E-05	0.000893	2.14E-02	0.022442	0.001142	7.5E-06	0.000985	0.024577
2452	496856.82	3858964.83	0.74343	0.88836	1.01858	0.51192	1.70E-02	0.00095	1.5E-05	0.00164	0.01956	2.24E-02	0.001252	1.25E-05	0.001016	2.47E-02	0.025994	0.001265	9.21E-06	0.001121	0.028389
2453	496956.82	3858964.83	0.7219	0.8751	0.98167	0.49174	1.65E-02	0.00093	1.5E-05	0.00157	0.01899	2.18E-02	0.001233	1.2E-05	0.000976	2.40E-02	0.025241	0.001246	8.88E-06	0.001077	0.027573
2454	497056.82	3858964.83	0.70896	0.87415	0.95702	0.47934	1.62E-02	0.00093	1.4E-05	0.00153	0.01866	2.14E-02	0.001232	1.17E-05	0.000951	2.36E-02	0.024789	0.001245	8.66E-06	0.00105	0.027092
2455	497156.82	3858964.83	0.69446	0.86872	0.93064	0.46624	1.58E-02	0.00093	1.4E-05	0.00149	0.01828	2.10E-02	0.001224	1.14E-05	0.000925	2.31E-02	0.024282	0.001237	8.42E-06	0.001021	0.026548
2456	497256.82	3858964.83	0.72258	0.93151	0.96301	0.48847	1.65E-02	0.00099	1.5E-05	0.00156	0.01906	2.18E-02	0.001312	1.18E-05	0.00097	2.41E-02	0.025265	0.001327	8.71E-06	0.00107	0.02767
2457	496856.82	3859064.83	0.76267	0.91979	1.07914	0.55042	1.74E-02	0.00098	1.6E-05	0.00176	0.02016	2.30E-02	0.001296	1.32E-05	0.001093	2.54E-02	0.026667	0.00131	9.76E-06	0.001205	0.029192
2458	496956.82	3859064.83	0.75218	0.90589	1.05782	0.53637	1.72E-02	0.00097	1.6E-05	0.00171	0.01986	2.27E-02	0.001276	1.29E-05	0.001065	2.51E-02	0.0263	0.00129	9.57E-06	0.001174	0.028774
2459	497056.82	3859064.83	0.74605	0.89835	1.04236	0.5271	1.70E-02	0.00096	1.6E-05	0.00169	0.01968	2.25E-02	0.001266	1.28E-05	0.001046	2.48E-02	0.026086	0.001279	9.43E-06	0.001154	0.028529
2460	497156.82	3859064.83	0.7423	0.8928	1.03009	0.52066	1.69E-02	0.00095	1.6E-05	0.00166	0.01957	2.24E-02	0.001258	1.26E-05	0.001033	2.47E-02	0.025954	0.001271	9.32E-06	0.00114	0.028375
2461	497256.82	3859064.83	0.78776	0.96775	1.08554	0.55987	1.80E-02	0.00103	1.6E-05	0.00179	0.02081	2.38E-02	0.001363	1.33E-05	0.001111	2.63E-02	0.027544	0.001378	9.82E-06	0.001226	0.030158
2462	496856.82	3859164.83	0.74779	1.1095	1.07577	0.5643	1.71E-02	0.00118	1.6E-05	0.0018	0.02007	2.26E-02	0.001563	1.32E-05	0.00112	2.53E-02	0.026146	0.00158	9.73E-06	0.001236	0.028972
2463	496956.82	3859164.83	0.73864	1.0254	1.06097	0.54959	1.69E-02	0.00109	1.6E-05	0.00176	0.01972	2.23E-02	0.001445	1.3E-05	0.001091	2.48E-02	0.025827	0.00146	9.6E-06	0.001203	0.0285
2464	497056.82	3859164.83	0.74723	0.96122	1.06964	0.55188	1.71E-02	0.00102	1.6E-05	0.00176	0.01986	2.26E-02	0.001354	1.31E-05	0.001095	2.50E-02	0.026127	0.001369	9.68E-06	0.001208	0.028714
2465	497156.82	3859164.83	0.77642	0.95139	1.10583	0.57407	1.77E-02	0.00101	1.7E-05	0.00184	0.02058	2.34E-02	0.00134	1.35E-05	0.001139	2.59E-02	0.027147	0.001355	1E-05	0.001257	0.029769
2466	497256.82	3859164.83	0.83172	1.05599	1.17635	0.62477	1.90E-02	0.00112	1.8E-05	0.002	0.02212	2.51E-02	0.001488	1.44E-05	0.00124	2.78E-02	0.029081	0.001504	1.06E-05	0.001368	0.031964
2467	496856.82	3859264.83	0.71381	1.29122	1.00603	0.56504	1.63E-02	0.00138	1.5E-05	0.00181	0.01949	2.15E-02	0.001819	1.23E-05	0.001122	2.45E-02	0.024958	0.001839	9.1E-06	0.001237	0.028044
2468	496956.82	3859264.83	0.72953	1.26075	1.03732	0.5751	1.66E-02	0.00134	1.6E-05	0.00184	0.01985	2.20E-02	0.001776	1.27E-05	0.001142	2.49E-02	0.025508	0.001795	9.38E-06	0.001259	0.028572
2469	497056.82	3859264.83	0.76255	1.24308	1.08656	0.60151	1.74E-02	0.00132	1.6E-05	0.00192	0.02067	2.30E-02	0.001751	1.33E-05	0.001194	2.60E-02	0.026663	0.00177	9.83E-06	0.001317	0.02976
2470	497156.82	3859264.83	0.79201	1.21491	1.12917	0.6461	1.81E-02	0.00129	1.7E-05	0.00207	0.02145	2.39E-02	0.001712	1.38E-05	0.001282	2.69E-02	0.027693	0.00173	1.02E-05	0.001415	0.030848
2471	497256.82	3859264.83	0.83986	1.2021	1.19412	0.67339	1.92E-02	0.00128	1.8E-05	0.00215	0.02262	2.53E-02	0.001694	1.46E-05	0.001337	2.84E-02	0.029366	0.001712	1.08E-05	0.001474	0.032563
2472	497088.92	3858620.93	0.47513	0.73921	0.61121	0.43601	1.08E-02	0.00079	9.2E-06	0.00139	0.01303	1.43E-02	0.001041	7.48E-06	0.000865	1.63E-02	0.016613	0.001053	5.53E-06	0.000955	0.018626
2473	497138.92	3858620.93	0.47823	0.73296	0.61615	0.43646	1.09E-02	0.00078	9.3E-06	0.0014	0.0131	1.44E-02	0.001033	7.54E-06	0.000866	1.63E-02	0.016721	0.001044	5.57E-06	0.000956	0.018726
2474	497188.92	3858620.93	0.47966	0.71789	0.60826	0.43547	1.09E-02	0.00076	9.2E-06	0.00139	0.01311	1.45E-02	0.001011	7.44E-06	0.000864	1.64E-02	0.016771	0.001022	5.5E-06	0.000954	0.018753
2475	497238.92	3858620.93	0.47774	0.70775	0.60663	0.43471	1.09E-02	0.00075	9.1E-06	0.00139	0.01306	1.44E-02	0.000997	7.42E-06	0.000863	1.63E-02	0.016704	0.001008	5.49E-06	0.000952	0.018669
2476	497088.92	3858670.93	0.49927	0.75456	0.62892	0.43675	1.14E-02	0.0008	9.5E-06	0.0014	0.0136	1.51E-02	0.001063	7.7E-06	0.000867	1.70E-02	0.017457	0.001075	5.69E-06	0.000956	0.019494
2477	497138.92	3858670.93	0.50956	0.75537	0.64308	0.43903	1.16E-02	0.0008	9.7E-06	0.0014	0.01385	1.54E-02	0.001064	7.87E-06	0.000871	1.73E-02	0.017817	0.001076	5.82E-06	0.000961	0.01986
2478	497188.92	3858670.93	0.50203	0.74255	0.63344	0.43719	1.15E-02	0.00079	9.5E-06	0.0014	0.01366	1.52E-02	0.001046	7.75E-06	0.000868	1.71E-02	0.017553	0.001057	5.73E-06	0.000957	0.019574
2479	497238.92	3858670.93	0.50436	0.7369	0.6371	0.43763	1.15E-02	0.00079	9.6E-06	0.0014	0.0137	1.52E-02	0.001038	7.8E-06	0.000869	1.71E-02	0.017635	0.001049	5.76E-06	0.000958	0.019648
2480	497088.92	3858720.93	0.5468	0.78073	0.69159	0.44317	1.25E-02	0.00083	1E-05	0.00142	0.01474	1.65E-02	0.0011	8.46E-06	0.00088	1.85E-02	0.019119	0.001112	6.26E-06	0.00097	0.021207
2481	497138.92	3858720.93	0.51702	0.75425	0.65146	0.43632	1.18E-02	0.0008	9.8E-06	0.00139	0.01401	1.56E-02	0.001063	7.97E-06	0.000866	1.75E-02	0.018078	0.001074	5.89E-06	0.000955	0.020113
2482	497188.92	3858720.93	0.51404	0.74672	0.6474	0.43567	1.17E-02	0.0008	9.8E-06	0.00139	0.01393	1.55E-02	0.001052	7.92E-06	0.000865	1.74E-02	0.017973	0.001063	5.86E-06	0.000954	0.019997
2483	497238.92	3858720.93	0.53649	0.75702	0.67746	0.44092	1.22E-02	0.00081	1E-05	0.00141	0.01447	1.62E-02	0.001067	8.29E-06	0.000875	1.81E-02	0.018758	0.001078	6.13E-06	0.000965	0.020808
2484	497088.92	3858770.93	0.57247	0.77706	0.7284	0.44379	1.31E-02	0.00083	1.1E-05	0.00142	0.01532	1.73E-02	0.001095	8.91E-06	0.000881	1.93E-02	0.020016	0.001107	6.59E-06	0.000972	0.022101
2485	497138.92	3858770.93	0.56222	0.76734	0.71373	0.44164	1.28E-02	0.00082	1.1E-05	0.00141	0.01507	1.70E-02	0.001081	8.74E-06	0.000877	1.89E-02	0.019658	0.001093	6.46E-06	0.000967	0.021724
2486	497188.92	3858770.93	0.55077	0.76269	0.70628	0.43958	1.26E-02	0.00081	1.1E-05	0.00141	0.0148	1.66E-02	0.001075	8.64E-06	0.000873	1.86E-02	0.019258	0.001086	6.39E-06	0.000963	0.021313
2487	497238.92	3858770.93	0.5704	0.76559	0.72346	0.44398	1.30E-02	0.00082	1.1E-05	0.00142	0.01526	1.72E-02	0.001079	8.85E-06	0.000881	1.92E-02	0.019944	0.00109	6.54E-06	0.000972	0.022013
2488	497396.65	3858622.63	0.54932	0.72956	0.7059	0.45005	1.25E-02	0.00078	1.1E-05	0.00144	0.01476	1.66E-02	0.001028	8.64E-06	0.000893	1.85E-02	0.019207	0.001039	6.39E-06	0.000985	0.021238
2489	497496.65	3858622.63	0.59229	0.73741	0.76596	0.45912	1.35E-02	0.00079	1.2E-05	0.00147	0.01578	1.79E-02	0.001039	9.37E-06	0.000911	1.98E-02	0.020709	0.00105	6.93E-06	0.001005	0.022772
2490	497596.65	3858622.63	0.6639	0.76197	0.86845	0.4745	1.52E-02	0.00081	1.3E-05	0.00152	0.01749	2.00E-02	0.001074	1.06E-05	0.000942	2.21E-02	0.023213	0.001085	7.86E-06	0.001039	0.025345
2491	497696.65	3858622.63	0.69685	0.75556	0.91059	0.50022	1.59E-02	0.0008	1.4E-05	0.0016	0.01832	2.10E-02	0.001065	1.11E-05	0.000993	2.31E-02	0.024365	0.001076	8.24E-06	0.001095	0.026545
2492	497796.65	3858622.63	0.74921	0.80735	0.982	0.53979	1.71E-02	0.00086	1.5E-05	0.00173	0.0197	2.26E-02	0.001138	1.2E-05	0.001071	2.48E-02	0.026196	0.00115	8.88E-06	0.001182	0.028537
2493	497896.65	3858622.63	0.80245	0.86461	1.05361	0.58105	1.83E-02	0.00092	1.6E-05	0.00186	0.02111	2.42E-02	0.001218	1.29E-05	0.001153	2.66E-02	0.028058	0.001231	9.53E-06	0.001272	0.030571
2494	497396.65	3858722.63	0.62134	0.79169	0.79179	0.46067	1.42E-02	0.00084	1.2E-05	0.00147	0.01651	1.88E-02	0.001115	9.69E-06	0.000914	2.08E-02	0.021725	0.001127	7.16E-06	0.001009	0.023868
2495	497496.65	3858722.63	0.66564	0.80305	0.85186	0.47114	1.52E-02	0.00086	1.3E-05	0.00151	0.01757	2.01E-02	0.001131	1.04E-05	0.000935	2.22E-02	0.023274	0.001144	7.71E-06	0.001032	0.025457
2496	497596.65	3858722.63	0.7374	0.88567	0.94849	0.5236	1.68E-02	0.00094	1.4E-05	0.00167	0.01946	2.23E-02	0.001248	1.16E-05	0.001039	2.46E-02	0.025783	0.001261	8.58E-06	0.001147	0.0282
2497	497696.65	3858722.63	0.78288	0.94207	1.00989	0.56081	1.79E-02	0.001	1.5E-05	0.00179	0.02068	2.36E-02	0.001327	1.24E-05	0.001113	2.61E-02	0.027373	0.001342	9.14E-06	0.001228	0.029952

2498	497796.65	3858722.63	0.81164	0.96857	1.04919	0.58664	1.85E-02	0.00103	1.6E-05	0.00188	0.02145	2.45E-02	0.001365	1.28E-05	0.001164	2.70E-02	0.028379	0.001379	9.49E-06	0.001285	0.031052
2499	497896.65	3858722.63	0.85079	1.02816	1.10212	0.62255	1.94E-02	0.0011	1.7E-05	0.00199	0.02252	2.57E-02	0.001449	1.35E-05	0.001236	2.84E-02	0.029748	0.001464	9.97E-06	0.001363	0.032585
2500	497396.65	3858822.63	0.68142	0.8491	0.87363	0.46575	1.56E-02	0.0009	1.3E-05	0.00149	0.01796	2.06E-02	0.001196	1.07E-05	0.000924	2.27E-02	0.023826	0.001209	7.9E-06	0.00102	0.026063
2501	497496.65	3858822.63	0.72131	0.90423	0.92522	0.49496	1.65E-02	0.00096	1.4E-05	0.00158	0.01902	2.18E-02	0.001274	1.13E-05	0.000982	2.40E-02	0.025221	0.001288	8.37E-06	0.001084	0.0276
2502	497596.65	3858822.63	0.80151	1.01302	1.0381	0.55663	1.83E-02	0.00108	1.6E-05	0.00178	0.02117	2.42E-02	0.001427	1.27E-05	0.001105	2.67E-02	0.028025	0.001443	9.39E-06	0.001219	0.030696
2503	497696.65	3858822.63	0.83957	1.07404	1.07948	0.59444	1.92E-02	0.00114	1.6E-05	0.0019	0.02222	2.53E-02	0.001513	1.32E-05	0.00118	2.80E-02	0.029356	0.00153	9.77E-06	0.001302	0.032196
2504	497796.65	3858822.63	0.86642	1.11013	1.11768	0.61801	1.98E-02	0.00118	1.7E-05	0.00198	0.02295	2.61E-02	0.001564	1.37E-05	0.001227	2.90E-02	0.030294	0.001581	1.01E-05	0.001353	0.033239
2505	497896.65	3858822.63	0.92617	1.23982	1.1923	0.689	2.11E-02	0.00132	1.8E-05	0.0022	0.02468	2.80E-02	0.001747	1.46E-05	0.001368	3.11E-02	0.032383	0.001766	1.08E-05	0.001509	0.035669
2506	497396.65	3858922.63	0.74316	0.98592	0.97212	0.50264	1.70E-02	0.00105	1.5E-05	0.00161	0.01963	2.24E-02	0.001389	1.19E-05	0.000998	2.48E-02	0.025985	0.001404	8.79E-06	0.001101	0.028498
2507	497496.65	3858922.63	0.81588	1.11275	1.06468	0.56894	1.86E-02	0.00119	1.6E-05	0.00182	0.02164	2.46E-02	0.001568	1.3E-05	0.001129	2.73E-02	0.028527	0.001585	9.63E-06	0.001246	0.031367
2508	497596.65	3858922.63	0.82496	1.12798	1.07259	0.57923	1.88E-02	0.0012	1.6E-05	0.00185	0.0219	2.49E-02	0.001589	1.31E-05	0.00115	2.77E-02	0.028845	0.001606	9.7E-06	0.001268	0.031729
2509	497696.65	3858922.63	0.90433	1.25377	1.17991	0.6827	2.06E-02	0.00134	1.8E-05	0.00218	0.02417	2.73E-02	0.001766	1.44E-05	0.001355	3.04E-02	0.03162	0.001786	1.07E-05	0.001495	0.034911
2510	497796.65	3858922.63	0.95205	1.32965	1.23249	0.71504	2.17E-02	0.00142	1.9E-05	0.00229	0.02545	2.87E-02	0.001873	1.51E-05	0.001419	3.20E-02	0.033288	0.001894	1.11E-05	0.001566	0.036759
2511	497896.65	3858922.63	1.01878	1.43374	1.32066	0.79944	2.32E-02	0.00153	2E-05	0.00256	0.02735	3.07E-02	0.00202	1.62E-05	0.001587	3.44E-02	0.035622	0.002042	1.19E-05	0.001751	0.039426
2512	497364.44	3858201.52	0.42725	0.57061	0.55775	0.41823	9.75E-03	0.00061	8.4E-06	0.00134	0.0117	1.29E-02	0.000804	6.83E-06	0.00083	1.45E-02	0.014939	0.000813	5.05E-06	0.000916	0.016672
2513	497414.44	3858201.52	0.43988	0.58105	0.58088	0.42139	1.00E-02	0.00062	8.8E-06	0.00135	0.01201	1.33E-02	0.000819	7.11E-06	0.000836	1.49E-02	0.01538	0.000828	5.26E-06	0.000923	0.017136
2514	497464.44	3858201.52	0.45761	0.58996	0.60161	0.42454	1.04E-02	0.00063	9.1E-06	0.00136	0.01244	1.38E-02	0.000831	7.36E-06	0.000843	1.55E-02	0.016	0.00084	5.44E-06	0.00093	0.017776
2515	497514.44	3858201.52	0.47363	0.59374	0.61156	0.42639	1.08E-02	0.00063	9.2E-06	0.00136	0.01281	1.43E-02	0.000837	7.48E-06	0.000846	1.60E-02	0.01656	0.000846	5.53E-06	0.000934	0.018345
2516	497564.44	3858201.52	0.47505	0.59273	0.61094	0.42566	1.08E-02	0.00063	9.2E-06	0.00136	0.01284	1.43E-02	0.000835	7.48E-06	0.000845	1.60E-02	0.01661	0.000844	5.53E-06	0.000932	0.018392
2517	497614.44	3858201.52	0.48389	0.597	0.61959	0.42684	1.10E-02	0.00064	9.3E-06	0.00136	0.01305	1.46E-02	0.000841	7.58E-06	0.000847	1.63E-02	0.016919	0.00085	5.61E-06	0.000935	0.01871
2518	497364.44	3858251.52	0.44661	0.6002	0.58628	0.42559	1.02E-02	0.00064	8.8E-06	0.00136	0.0122	1.35E-02	0.000846	7.18E-06	0.000845	1.52E-02	0.015616	0.000855	5.3E-06	0.000932	0.017408
2519	497414.44	3858251.52	0.47001	0.61196	0.61573	0.43036	1.07E-02	0.00065	9.3E-06	0.00138	0.01276	1.42E-02	0.000862	7.54E-06	0.000854	1.59E-02	0.016434	0.000872	5.57E-06	0.000942	0.018253
2520	497464.44	3858251.52	0.46656	0.60737	0.60973	0.42834	1.06E-02	0.00065	9.2E-06	0.00137	0.01267	1.41E-02	0.000856	7.46E-06	0.00085	1.58E-02	0.016313	0.000865	5.52E-06	0.000938	0.018122
2521	497514.44	3858251.52	0.46051	0.60127	0.60023	0.42563	1.05E-02	0.00064	9E-06	0.00136	0.01252	1.39E-02	0.000847	7.35E-06	0.000845	1.56E-02	0.016102	0.000856	5.43E-06	0.000932	0.017895
2522	497564.44	3858251.52	0.46309	0.60072	0.60185	0.42513	1.06E-02	0.00064	9.1E-06	0.00136	0.01258	1.40E-02	0.000846	7.37E-06	0.000844	1.57E-02	0.016192	0.000856	5.44E-06	0.000931	0.017984
2523	497614.44	3858251.52	0.46574	0.60039	0.60339	0.42467	1.06E-02	0.00064	9.1E-06	0.00136	0.01263	1.41E-02	0.000846	7.38E-06	0.000843	1.58E-02	0.016285	0.000855	5.46E-06	0.00093	0.018075
2524	497364.44	3858301.52	0.44922	0.61288	0.59406	0.42804	1.03E-02	0.00065	9E-06	0.00137	0.01228	1.36E-02	0.000864	7.27E-06	0.00085	1.53E-02	0.015707	0.000873	5.37E-06	0.000937	0.017522
2525	497414.44	3858301.52	0.46793	0.61922	0.62063	0.43208	1.07E-02	0.00066	9.4E-06	0.00138	0.01273	1.41E-02	0.000872	7.6E-06	0.000858	1.59E-02	0.016361	0.000882	5.61E-06	0.000946	0.018195
2526	497464.44	3858301.52	0.46127	0.61309	0.60821	0.42917	1.05E-02	0.00065	9.2E-06	0.00137	0.01256	1.39E-02	0.000864	7.44E-06	0.000852	1.56E-02	0.016128	0.000873	5.5E-06	0.00094	0.017947
2527	497514.44	3858301.52	0.45909	0.6096	0.60239	0.42741	1.05E-02	0.00065	9.1E-06	0.00137	0.0125	1.39E-02	0.000859	7.37E-06	0.000848	1.56E-02	0.016052	0.000868	5.45E-06	0.000936	0.017862
2528	497564.44	3858301.52	0.45206	0.60325	0.58988	0.42445	1.03E-02	0.00064	8.9E-06	0.00136	0.01232	1.36E-02	0.00085	7.22E-06	0.000842	1.53E-02	0.015806	0.000859	5.34E-06	0.000929	0.0176
2529	497614.44	3858301.52	0.4539	0.60232	0.5911	0.42378	1.04E-02	0.00064	8.9E-06	0.00135	0.01236	1.37E-02	0.000849	7.23E-06	0.000841	1.54E-02	0.015871	0.000858	5.35E-06	0.000928	0.017662
2530	497364.44	3858351.52	0.46028	0.6158	0.61784	0.43299	1.05E-02	0.00066	9.3E-06	0.00138	0.01255	1.39E-02	0.000868	7.56E-06	0.000859	1.56E-02	0.016094	0.000877	5.59E-06	0.000948	0.017924
2531	497414.44	3858351.52	0.45831	0.61298	0.61372	0.43135	1.05E-02	0.00065	9.2E-06	0.00138	0.0125	1.38E-02	0.000864	7.51E-06	0.000856	1.56E-02	0.016025	0.000873	5.55E-06	0.000945	0.017848
2532	497464.44	3858351.52	0.46134	0.61298	0.6171	0.43094	1.05E-02	0.00065	9.3E-06	0.00138	0.01257	1.39E-02	0.000864	7.55E-06	0.000855	1.57E-02	0.016131	0.000873	5.58E-06	0.000944	0.017953
2533	497514.44	3858351.52	0.46074	0.61094	0.61468	0.4296	1.05E-02	0.00065	9.3E-06	0.00137	0.01255	1.39E-02	0.000861	7.52E-06	0.000853	1.56E-02	0.01611	0.00087	5.56E-06	0.000941	0.017926
2534	497564.44	3858351.52	0.45024	0.60328	0.59695	0.42572	1.03E-02	0.00064	9E-06	0.00136	0.01229	1.36E-02	0.00085	7.31E-06	0.000845	1.53E-02	0.015743	0.000859	5.4E-06	0.000932	0.017539
2535	497614.44	3858351.52	0.4526	0.60302	0.5987	0.42518	1.03E-02	0.00064	9E-06	0.00136	0.01234	1.37E-02	0.00085	7.33E-06	0.000844	1.54E-02	0.015825	0.000859	5.42E-06	0.000931	0.01762
2536	497364.44	3858401.52	0.44538	0.60066	0.60629	0.43133	1.02E-02	0.00064	9.1E-06	0.00138	0.01219	1.34E-02	0.000846	7.42E-06	0.000856	1.52E-02	0.015573	0.000855	5.48E-06	0.000944	0.017378
2537	497414.44	3858401.52	0.45706	0.60045	0.61254	0.43198	1.04E-02	0.00064	9.2E-06	0.00138	0.01246	1.38E-02	0.000846	7.5E-06	0.000857	1.55E-02	0.015981	0.000855	5.54E-06	0.000946	0.017788
2538	497464.44	3858401.52	0.45345	0.59797	0.60741	0.43001	1.03E-02	0.00064	9.2E-06	0.00137	0.01237	1.37E-02	0.000843	7.43E-06	0.000854	1.54E-02	0.015855	0.000852	5.5E-06	0.000942	0.017654
2539	497514.44	3858401.52	0.45459	0.59775	0.60863	0.42912	1.04E-02	0.00064	9.2E-06	0.00137	0.01239	1.37E-02	0.000842	7.45E-06	0.000852	1.54E-02	0.015895	0.000851	5.51E-06	0.00094	0.017691
2540	497564.44	3858401.52	0.47539	0.60684	0.63638	0.43282	1.08E-02	0.00065	9.6E-06	0.00138	0.01289	1.43E-02	0.000855	7.79E-06	0.000859	1.61E-02	0.016622	0.000864	5.76E-06	0.000948	0.01844
2541	497614.44	3858401.52	0.49032	0.62047	0.66518	0.43586	1.12E-02	0.00066	1E-05	0.00139	0.01325	1.48E-02	0.000874	8.14E-06	0.000865	1.65E-02	0.017144	0.000884	6.02E-06	0.000954	0.018988
2542	493478.11	3860497.94	1.65481	2.72623	1.82482	3.27668	3.78E-02	0.0029	2.8E-05	0.01048	0.05117	4.99E-02	0.003841	2.23E-05	0.006504	6.03E-02	0.05786	0.003883	1.65E-05	0.007175	0.068934
2543	493528.11	3860497.94	1.64469	2.6792	1.81608	3.2169	3.75E-02	0.00285	2.7E-05	0.01028	0.0507	4.96E-02	0.003775	2.22E-05	0.006385	5.98E-02	0.057506	0.003816	1.64E-05	0.007044	0.068382
2544	493478.11	3860547.94	1.63101	2.74429	1.78796	3.32053	3.72E-02	0.00292	2.7E-05	0.01062	0.05079	4.92E-02	0.003867	2.19E-05	0.006591	5.97E-02	0.057028	0.003908	1.62E-05	0.007271	0.068223
2545	493528.11	3860547.94	1.62182	2.70275	1.78541	3.27066	3.70E-02	0.00288	2.7E-05	0.01046	0.05037	4.89E-02	0.003808	2.19E-05	0.006492	5.93E-02	0.056707	0.003849	1.62E-05	0.007162	0.067734
2546	493478.11	3860597.94	1.60409	2.74632	1.7396	3.33996	3.66E-02	0.00293	2.6E-05	0.01068	0.05024	4.84E-02	0.003869	2.13E-05	0.006629	5.89E-02	0.056087	0.003911	1.57E-05	0.007313	0.067327
2547	493528.11	3860597.94	1.59705	2.71351	1.7444	3.30214	3.64E-02	0.00289	2.6E-05	0.01056	0.04992	4.82E-02	0.003823	2.13E-05	0.006554	5.86E-02	0.055841	0.003864	1.58E-05	0.007231	0.066952
2548	493561.88	3860524.64	1.62707	2.66447	1.79674	3.20927	3.71E-02	0.00284	2.7E-05	0.01026	0.05026	4.91E-02	0.003754	2.2E-05	0.00637	5.93E-02	0.05689	0.003795	1.63E-05	0.007027	0.067728
2549	493591.88	3860524.64	1.62303	2.64041	1.79299	3.17261	3.70E-02	0.00281	2.7E-05	0.01014	0.05002	4.90E-02	0.00372	2.19E-05	0.006297	5.90E-02	0.056749	0.00376	1.62E-05	0.006947	0.067473
2550	493561.88	3860554.64	1.61321	2.67821	1.77852	3.24095	3.68E-02	0.00285	2.7E-05	0.01036	0.05006	4.87E-02	0.003773	2.18E-05	0.006433	5.89E-02	0.056406	0.003814	1.61E-05	0.007097	0.067333
2551	493591.88	3860554.64	1.6112	2.65932	1.77895	3.20863	3.68E-02	0.00283	2.7E-05	0.01026	0.04989	4.86E-02	0.003747	2.18E-05	0.006369	5.88E-02	0.056336	0.003787	1.61E-05	0.007026	0.067165
2552	492880.5	3860293.11	1.82889	3.09121	1.94933	3.72679	4.17E-02	0.00329	2.9E-05	0.01191	0.05697	5.52E-02	0.004355	2.39E-05	0.007397	6.70E-02	0.063947	0.004402	1.76E-05	0.00816	0.076527
2553	492930.5	3860293.11	1.8272	3.06825	1.96872	3.68385	4.17E-02	0.00327	3E-05	0.01178	0.05677	5.51E-02	0.004323	2.41E-05	0.007312	6.68E-02	0.063888	0.00437	1.78E-05	0.008066	0.076342
2554	492980.5	3860293.11	1.82487	3.04031	1.98362	3.63362	4.16E-02	0.00324	3E-05	0.01162	0.05653	5.51E-02	0.004284	2.43E-05	0.007212	6.66E-02	0.063806	0.00433	1.79E-05	0.007956	0.076111
2555	493030.5	3860293.11	1.85435	3.03172	2.00674	3.7855	4.23E-02	0.00323	3E-05	0.0121	0.05768	5.60E-02	0.004272	2.46E-05	0.007514	6.78E-02	0.064837	0.004318	1.82E-05	0.008289	0.077462
2556	493080.5	3860293.11	1.86717	3.0161	2.02399	3.82111	4.26E-02	0.00321	3.1E-05	0.01222	0.05807	5.64E-02	0.004249	2.48E-05	0.007585	6.82E-02	0.065285	0.004295	1.83E-05	0.008367	0.077966
2557	493130.5	3860293.11	1.83852	2.94102	2.00492	3.69018	4.20E-02	0.00313	3E-05	0.0118	0.05692	5.55E-02	0.004144	2.45E-05	0.007325	6.70E-02	0.064284	0.004188	1.81E-05	0.00808	0.076571
2558	493180.5	3860293.11	1.81033	2.86617	1.98284	3.54744	4.13E-02	0.00305	3E-05	0.01134	0.05574	5.46E-02	0.004038	2.43E-05	0.007041	6.57E-02	0.063298	0.004082	1.79E-05	0.007768	0.075166

2559	493230.5	3860293.11	1.79347	2.80445	1.96522	3.4538		4.09E-02	0.00299	3E-05	0.01104	0.05499		5.41E-02	0.003951	2.41E-05	0.006855	6.50E-02		0.062709	0.003994	1.78E-05	0.007563	0.074283
2560	493280.5	3860293.11	1.78676	2.75748	1.95428	3.41789		4.08E-02	0.00294	2.9E-05	0.01093	0.05467		5.39E-02	0.003885	2.39E-05	0.006784	6.46E-02		0.062474	0.003927	1.77E-05	0.007484	0.073903
2561	493330.5	3860293.11	1.77454	2.70016	1.93422	3.33994		4.05E-02	0.00288	2.9E-05	0.01068	0.05408		5.36E-02	0.003804	2.37E-05	0.006629	6.40E-02		0.062047	0.003845	1.75E-05	0.007313	0.073223
2562	493380.5	3860293.11	1.75886	2.63802	1.90865	3.24837		4.01E-02	0.00281	2.9E-05	0.01039	0.05336		5.31E-02	0.003717	2.34E-05	0.006448	6.33E-02		0.061498	0.003757	1.73E-05	0.007113	0.072385
2563	492880.5	3860343.11	1.79232	3.06555	1.86703	3.71805		4.09E-02	0.00327	2.8E-05	0.01189	0.05608		5.41E-02	0.004319	2.29E-05	0.00738	6.58E-02		0.062668	0.004366	1.69E-05	0.008141	0.075192
2564	492930.5	3860343.11	1.79236	3.05196	1.89366	3.69204		4.09E-02	0.00325	2.9E-05	0.0118	0.05599		5.41E-02	0.0043	2.32E-05	0.007328	6.57E-02		0.06267	0.004346	1.71E-05	0.008084	0.075118
2565	492980.5	3860343.11	1.80939	3.06857	1.93472	3.65597		4.13E-02	0.00327	2.9E-05	0.01169	0.05628		5.46E-02	0.004323	2.37E-05	0.007257	6.62E-02		0.063265	0.00437	1.75E-05	0.008005	0.075658
2566	493030.5	3860343.11	1.80844	3.03725	1.94844	3.6137		4.13E-02	0.00324	2.9E-05	0.01155	0.05609		5.46E-02	0.004279	2.38E-05	0.007173	6.61E-02		0.063232	0.004325	1.76E-05	0.007913	0.075488
2567	493080.5	3860343.11	1.83897	3.03278	1.97434	3.822		4.20E-02	0.00323	3E-05	0.01222	0.05745		5.55E-02	0.004273	2.42E-05	0.007586	6.74E-02		0.064299	0.004319	1.79E-05	0.008369	0.077005
2568	493130.5	3860343.11	1.82149	2.98019	1.97192	3.73283		4.16E-02	0.00317	3E-05	0.01193	0.05671		5.50E-02	0.004199	2.41E-05	0.007409	6.66E-02		0.063688	0.004244	1.78E-05	0.008174	0.076124
2569	493180.5	3860343.11	1.78965	2.90879	1.95576	3.44962		4.08E-02	0.0031	2.9E-05	0.01103	0.055		5.40E-02	0.004098	2.39E-05	0.006847	6.50E-02		0.062575	0.004143	1.77E-05	0.007554	0.074289
2570	493230.5	3860343.11	1.77716	2.85577	1.9475	3.38506		4.06E-02	0.00304	2.9E-05	0.01082	0.05445		5.36E-02	0.004024	2.38E-05	0.006719	6.44E-02		0.062138	0.004067	1.76E-05	0.007412	0.073635
2571	493280.5	3860343.11	1.77686	2.81725	1.94504	3.48757		4.05E-02	0.003	2.9E-05	0.01115	0.05473		5.36E-02	0.003969	2.38E-05	0.006922	6.45E-02		0.062128	0.004012	1.76E-05	0.007637	0.073794
2572	493330.5	3860343.11	1.76813	2.76914	1.93453	3.43893		4.04E-02	0.00295	2.9E-05	0.01099	0.05432		5.34E-02	0.003902	2.37E-05	0.006826	6.41E-02		0.061823	0.003944	1.75E-05	0.00753	0.073314
2573	493380.5	3860343.11	1.75388	2.71093	1.91572	3.35773		4.00E-02	0.00289	2.9E-05	0.01073	0.05368		5.29E-02	0.00382	2.34E-05	0.006665	6.34E-02		0.061324	0.003861	1.73E-05	0.007352	0.072555
2574	492880.5	3860393.11	1.74996	3.01542	1.772	3.67638		3.99E-02	0.00321	2.7E-05	0.01175	0.05493		5.28E-02	0.004249	2.17E-05	0.007297	6.44E-02		0.061187	0.004294	1.6E-05	0.00805	0.073548
2575	492930.5	3860393.11	1.75609	3.02093	1.81015	3.66899		4.01E-02	0.00322	2.7E-05	0.01173	0.05505		5.30E-02	0.004256	2.22E-05	0.007283	6.46E-02		0.061402	0.004302	1.64E-05	0.008034	0.073754
2576	492980.5	3860393.11	1.76481	3.03074	1.84877	3.65255		4.03E-02	0.00323	2.8E-05	0.01168	0.05521		5.33E-02	0.00427	2.26E-05	0.00725	6.48E-02		0.061706	0.004316	1.67E-05	0.007998	0.074037
2577	493030.5	3860393.11	1.76797	3.02426	1.87783	3.62488		4.03E-02	0.00322	2.8E-05	0.01159	0.05519		5.34E-02	0.004261	2.3E-05	0.007195	6.48E-02		0.061817	0.004307	1.7E-05	0.007937	0.074078
2578	493080.5	3860393.11	1.80598	3.03344	1.91314	3.77819		4.12E-02	0.00323	2.9E-05	0.01208	0.05655		5.45E-02	0.004274	2.34E-05	0.007499	6.63E-02		0.063146	0.00432	1.73E-05	0.008273	0.075756
2579	493130.5	3860393.11	1.78074	2.98603	1.91679	3.54704		4.06E-02	0.00318	2.9E-05	0.01134	0.05519		5.37E-02	0.004207	2.35E-05	0.007041	6.50E-02		0.062263	0.004253	1.73E-05	0.007767	0.0743
2580	493180.5	3860393.11	1.75049	2.9267	1.91064	3.50143		3.99E-02	0.00312	2.9E-05	0.01119	0.05429		5.28E-02	0.004124	2.34E-05	0.00695	6.39E-02		0.061206	0.004168	1.73E-05	0.007667	0.073058
2581	493230.5	3860393.11	1.74372	2.88731	1.91364	3.44725		3.98E-02	0.00308	2.9E-05	0.01102	0.05392		5.26E-02	0.004068	2.34E-05	0.006842	6.36E-02		0.060969	0.004112	1.73E-05	0.007548	0.072647
2582	493280.5	3860393.11	1.7587	2.86005	1.92086	3.38634		4.01E-02	0.00305	2.9E-05	0.01083	0.05404		5.31E-02	0.00403	2.35E-05	0.006722	6.39E-02		0.061493	0.004073	1.74E-05	0.007415	0.072998
2583	493330.5	3860393.11	1.75562	2.81999	1.91872	3.49178		4.01E-02	0.003	2.9E-05	0.01116	0.05426		5.30E-02	0.003973	2.35E-05	0.006931	6.39E-02		0.061385	0.004016	1.74E-05	0.007646	0.073064
2584	493380.5	3860393.11	1.74454	2.77025	1.90856	3.43132		3.98E-02	0.00295	2.9E-05	0.01097	0.05376		5.27E-02	0.003903	2.34E-05	0.006811	6.34E-02		0.060998	0.003945	1.73E-05	0.007513	0.072474
2585	492880.5	3860443.11	1.70503	2.94823	1.66984	3.60265		3.89E-02	0.00314	2.5E-05	0.01152	0.05359		5.15E-02	0.004154	2.04E-05	0.007151	6.28E-02		0.059616	0.004199	1.51E-05	0.007889	0.071719
2586	492930.5	3860443.11	1.70925	2.9549	1.70921	3.61088		3.90E-02	0.00315	2.6E-05	0.01154	0.05372		5.16E-02	0.004163	2.09E-05	0.007167	6.29E-02		0.059764	0.004208	1.55E-05	0.007907	0.071894
2587	492980.5	3860443.11	1.71915	2.9726	1.75253	3.61375		3.92E-02	0.00317	2.6E-05	0.01155	0.05398		5.19E-02	0.004188	2.14E-05	0.007173	6.33E-02		0.06011	0.004233	1.59E-05	0.007913	0.072272
2588	493030.5	3860443.11	1.72699	2.98198	1.79101	3.60554		3.94E-02	0.00318	2.7E-05	0.01153	0.05414		5.21E-02	0.004201	2.19E-05	0.007157	6.35E-02		0.060384	0.004247	1.62E-05	0.007895	0.072542
2589	493080.5	3860443.11	1.72784	2.973	1.81831	3.58731		3.94E-02	0.00317	2.7E-05	0.01147	0.05409		5.21E-02	0.004189	2.23E-05	0.00712	6.35E-02		0.060414	0.004234	1.64E-05	0.007855	0.072519
2590	493130.5	3860443.11	1.72735	2.95771	1.84093	3.56013		3.94E-02	0.00315	2.8E-05	0.01138	0.05398		5.21E-02	0.004167	2.25E-05	0.007066	6.34E-02		0.060397	0.004212	1.67E-05	0.007795	0.072421
2591	493180.5	3860443.11	1.71547	2.91404	1.84614	3.52511		3.91E-02	0.0031	2.8E-05	0.01127	0.05355		5.18E-02	0.004106	2.26E-05	0.006997	6.29E-02		0.059981	0.00415	1.67E-05	0.007719	0.071867
2592	493230.5	3860443.11	1.7195	2.90408	1.86797	3.4851		3.92E-02	0.00309	2.8E-05	0.01114	0.0535		5.19E-02	0.004092	2.29E-05	0.006918	6.29E-02		0.060122	0.004136	1.69E-05	0.007631	0.071906
2593	493280.5	3860443.11	1.7174	2.87862	1.87896	3.43753		3.92E-02	0.00307	2.8E-05	0.01099	0.05328		5.18E-02	0.004056	2.3E-05	0.006823	6.27E-02		0.060049	0.0041	1.7E-05	0.007527	0.071692
2594	493330.5	3860443.11	1.73217	2.85445	1.88904	3.38322		3.95E-02	0.00304	2.8E-05	0.01082	0.05342		5.23E-02	0.004022	2.31E-05	0.006715	6.30E-02		0.060565	0.004065	1.71E-05	0.007408	0.072056
2595	493380.5	3860443.11	1.71899	2.80664	1.88339	3.32573		3.92E-02	0.00299	2.8E-05	0.01063	0.05288		5.19E-02	0.003954	2.31E-05	0.006601	6.25E-02		0.060104	0.003997	1.7E-05	0.007282	0.071401
2596	493180.5	3860493.11	1.68489	2.90105	1.78003	3.52156		3.85E-02	0.00309	2.7E-05	0.01126	0.05283		5.09E-02	0.004087	2.18E-05	0.00699	6.20E-02		0.058912	0.004132	1.61E-05	0.007711	0.070771
2597	493230.5	3860493.11	1.6875	2.89326	1.80461	3.49643		3.85E-02	0.00308	2.7E-05	0.01118	0.0528		5.09E-02	0.004076	2.21E-05	0.00694	6.20E-02		0.059003	0.00412	1.63E-05	0.007656	0.070796
2598	493280.5	3860493.11	1.68916	2.88063	1.82522	3.46268		3.85E-02	0.00307	2.8E-05	0.01107	0.05271		5.10E-02	0.004059	2.23E-05	0.006873	6.19E-02		0.059061	0.004102	1.65E-05	0.007582	0.070762
2599	493330.5	3860493.11	1.68714	2.85743	1.83817	3.42221		3.85E-02	0.00304	2.8E-05	0.01094	0.05251		5.09E-02	0.004026	2.25E-05	0.006793	6.18E-02		0.058991	0.004069	1.66E-05	0.007493	0.07057
2600	493380.5	3860493.11	1.67905	2.81818	1.84026	3.37633		3.83E-02	0.003	2.8E-05	0.01079	0.05214		5.07E-02	0.003971	2.25E-05	0.006702	6.14E-02		0.058708	0.004014	1.66E-05	0.007393	0.070131
2601	493330.5	3860543.11	1.65665	2.8493	1.77904	3.43532		3.78E-02	0.00304	2.7E-05	0.01098	0.05185		5.00E-02	0.004014	2.18E-05	0.006819	6.09E-02		0.057925	0.004058	1.61E-05	0.007522	0.069521
2602	493380.5	3860543.11	1.6504	2.81847	1.78829	3.40106		3.77E-02	0.003	2.7E-05	0.01087	0.05157		4.98E-02	0.003971	2.19E-05	0.006751	6.06E-02		0.057706	0.004014	1.62E-05	0.007447	0.069183
2603	494135.94	3860876.85	1.40087	2.39372	1.5574	2.94035		3.20E-02	0.00255	2.3E-05	0.0094	0.04394		4.23E-02	0.003373	1.91E-05	0.005836	5.15E-02		0.048981	0.003409	1.41E-05	0.006438	0.058843
2604	494185.94	3860876.85	1.39582	2.36418	1.55432	2.89773		3.19E-02	0.00252	2.3E-05	0.00926	0.04366		4.21E-02	0.003331	1.9E-05	0.005752	5.12E-02		0.048805	0.003367	1.41E-05	0.006345	0.058531
2605	494135.94	3860926.85	1.37505	2.39242	1.52149	2.9573		3.14E-02	0.00255	2.3E-05	0.00945	0.04341		4.15E-02	0.003371	1.86E-05	0.00587	5.08E-02		0.048079	0.003407	1.38E-05	0.006475	0.057975
2606	494185.94	3860926.85	1.37243	2.3709	1.525	2.92371		3.13E-02	0.00253	2.3E-05	0.00935	0.04322		4.14E-02	0.00334	1.87E-05	0.005803	5.06E-02		0.047987	0.003377	1.38E-05	0.006402	0.057779
2607	494135.94	3860976.85	1.34771	2.37972	1.47777	2.95476		3.08E-02	0.00254	2.2E-05	0.00945	0.04276		4.07E-02	0.003353	1.81E-05	0.005865	4.99E-02		0.047123	0.003389	1.34E-05	0.00647	0.056995
2608	494185.94	3860976.85	1.3469	2.36544	1.48699	2.93175		3.07E-02	0.00252	2.2E-05	0.00937	0.04265		4.07E-02	0.003333	1.82E-05	0.005819	4.98E-02		0.047094	0.003369	1.35E-05	0.00642	0.056896
2609	494135.94	3861026.85	1.31706	2.3516	1.42478	2.93066		3.01E-02	0.00251	2.1E-05	0.00937	0.04195		3.98E-02	0.003313	1.74E-05	0.005817	4.89E-02		0.046051	0.003349	1.29E-05	0.006417	0.05583
2610	494185.94	3861026.85	1.31825	2.34567	1.43966	2.91948		3.01E-02	0.0025	2.2E-05	0.00933	0.04194		3.98E-02	0.003305	1.76E-05	0.005795	4.89E-02		0.046093	0.003341	1.3E-05	0.006393	0.055839
2611	494135.94	3861076.85	1.28494	2.31156	1.36516	2.88775		2.93E-02	0.00246	2.1E-05	0.00923	0.04104		3.88E-02	0.003257	1.67E-05	0.005732	4.78E-02		0.044928	0.003292	1.24E-05	0.006323	0.054555
2612	494185.94	3861076.85	1.28732	2.31265	1.38452	2.887		2.94E-02	0.00246	2.1E-05	0.00923	0.04109		3.89E-02	0.003258	1.69E-05	0.00573	4.79E-02		0.045011	0.003294	1.25E-05	0.006322	0.054639
2613	490360.04	3858710.04	3.47376	5.89654	4.26478	5.74448		7.93E-02	0.00628	6.4E-05	0.01837	0.10399		1.05E-01	0.008308	5.22E-05	0.011402	1.25E-01		0.12146	0.008398	3.86E-05	0.012578	0.142474
2614	490410.04	3858710.04	3.42786	5.77419	4.25696	5.57877		7.82E-02	0.00615	6.4E-05	0.01784	0.10228		1.03E-01	0.008135	5.21E-05	0.011073	1.23E-01		0.119855	0.008223	3.85E-05	0.012216	0.140332
2615	490460.04	3858710.04	3.38391	5.65051	4.2504	5.42125		7.72E-02	0.00602	6.4E-05	0.01733	0.10064		1.02E-01	0.007961	5.2E-05	0.010761	1.21E-01		0.118318	0.008047	3.85E-05	0.011871	0.138275
2616	490510.04	3858710.04	3.33182	5.48925	4.22485	5.29307		7.60E-02	0.00585	6.4E-05	0.01692	0.09887		1.01E-01	0.007734	5.17E-05	0.010506	1.19E-01		0.116497	0.007817	3.82E-05	0.01159	0.135943
2617	490560.04	3858710.04	3.27649	5.31155	4.18961	5.17583		7.48E-02	0.00566	6.3E-05	0.01655	0.09704		9.89E-02	0.007484	5.13E-05	0.010273	1.17E-01		0.114562	0.007564	3.79E-05	0.011333	0.133498
2618	490610.04	3858710.04	3.22146	5.12824	4.1493	5.05389		7.35E-02	0.00546	6.3E-05	0.01616	0.0952		9.72E-02	0.007225	5.08E-05	0.010031	1.15E-01		0.112638	0.007303	3.75E-05	0.011066	0.131045
2619	490660.04	3858710.04	3.16293	4.92934	4.09702	4.96219		7.22E-02	0.00525	6.2E-05	0.01586	0.09336		9.55E-02	0.006945	5.01E-05	0.009849	1.12E-01		0.110592	0.00702	3.71E-05	0.010866	0.128514

2620	490710.04	3858710.04	3.10695	4.74345	4.04931	4.82014	7.09E-02	0.00505	6.1E-05	0.01541	0.09143	9.38E-02	0.006683	4.96E-05	0.009567	1.10E-01	0.108634	0.006755	3.66E-05	0.010554	0.125981
2621	490760.04	3858710.04	3.04972	4.55253	3.99363	4.68954	6.96E-02	0.00485	6E-05	0.01499	0.0895	9.20E-02	0.006414	4.89E-05	0.009308	1.08E-01	0.106633	0.006483	3.61E-05	0.010269	0.123421
2622	490810.04	3858710.04	2.99211	4.36209	3.93201	4.55756	6.83E-02	0.00465	5.9E-05	0.01457	0.08756	9.03E-02	0.006146	4.81E-05	0.009046	1.06E-01	0.104619	0.006212	3.56E-05	0.00998	0.120846
2623	490860.04	3858710.04	2.93794	4.17704	3.86912	4.40079	6.70E-02	0.00445	5.8E-05	0.01407	0.08562	8.87E-02	0.005885	4.74E-05	0.008735	1.03E-01	0.102725	0.005949	3.5E-05	0.009636	0.118345
2624	490360.04	3858760.04	3.47671	5.91349	4.13488	5.98842	7.93E-02	0.0063	6.2E-05	0.01915	0.10485	1.05E-01	0.008332	5.06E-05	0.011886	1.25E-01	0.121563	0.008422	3.74E-05	0.013113	0.143135
2625	490410.04	3858760.04	3.43962	5.85091	4.14427	5.75585	7.85E-02	0.00623	6.2E-05	0.0184	0.10319	1.04E-01	0.008244	5.07E-05	0.011425	1.24E-01	0.120266	0.008333	3.75E-05	0.012603	0.14124
2626	490460.04	3858760.04	3.39946	5.76825	4.14752	5.51295	7.76E-02	0.00615	6.3E-05	0.01763	0.10141	1.03E-01	0.008127	5.08E-05	0.010943	1.22E-01	0.118862	0.008215	3.75E-05	0.012072	0.139186
2627	490510.04	3858760.04	3.3566	5.66339	4.14263	5.35298	7.66E-02	0.00603	6.2E-05	0.01711	0.09981	1.01E-01	0.007979	5.07E-05	0.010625	1.20E-01	0.117363	0.008065	3.75E-05	0.011721	0.137188
2628	490560.04	3858760.04	3.30643	5.52886	4.12452	5.22547	7.55E-02	0.00589	6.2E-05	0.01671	0.09811	9.98E-02	0.00779	5.05E-05	0.010372	1.18E-01	0.115609	0.007874	3.73E-05	0.011442	0.134962
2629	490610.04	3858760.04	3.25522	5.38248	4.1008	5.09004	7.43E-02	0.00573	6.2E-05	0.01627	0.09636	9.82E-02	0.007584	5.02E-05	0.010103	1.16E-01	0.113819	0.007665	3.71E-05	0.011145	0.132667
2630	490660.04	3858760.04	3.2024	5.22075	4.06889	4.96419	7.31E-02	0.00556	6.1E-05	0.01587	0.09458	9.67E-02	0.007356	4.98E-05	0.009853	1.14E-01	0.111972	0.007435	3.68E-05	0.01087	0.130314
2631	490710.04	3858760.04	3.1485	5.05036	4.03156	4.83719	7.19E-02	0.00538	6.1E-05	0.01546	0.09276	9.50E-02	0.007116	4.93E-05	0.009601	1.12E-01	0.110087	0.007192	3.65E-05	0.010592	0.127908
2632	490760.04	3858760.04	3.09489	4.87676	3.99455	4.69083	7.06E-02	0.0052	6E-05	0.015	0.09088	9.34E-02	0.006871	4.89E-05	0.009311	1.10E-01	0.108213	0.006945	3.61E-05	0.010271	0.125465
2633	490810.04	3858760.04	3.03957	4.69691	3.95054	4.55177	6.94E-02	0.005	6E-05	0.01455	0.08898	9.17E-02	0.006618	4.84E-05	0.009035	1.07E-01	0.106278	0.006689	3.57E-05	0.009967	0.12297
2634	490860.04	3858760.04	2.98502	4.51379	3.89738	4.42542	6.81E-02	0.00481	5.9E-05	0.01415	0.08714	9.01E-02	0.00636	4.77E-05	0.008784	1.05E-01	0.104371	0.006428	3.53E-05	0.00969	0.120525
2635	490360.04	3858810.04	3.46947	5.8756	3.99072	6.18443	7.92E-02	0.00626	6E-05	0.01977	0.10527	1.05E-01	0.008278	4.88E-05	0.012275	1.25E-01	0.12131	0.008368	3.61E-05	0.013542	0.143255
2636	490410.04	3858810.04	3.44129	5.81471	4.01383	5.95718	7.85E-02	0.00619	6E-05	0.01905	0.10383	1.04E-01	0.008193	4.91E-05	0.011824	1.24E-01	0.120325	0.008281	3.63E-05	0.013044	0.141686
2637	490460.04	3858810.04	3.40899	5.77819	4.02884	5.7175	7.78E-02	0.00616	6.1E-05	0.01828	0.10229	1.03E-01	0.008141	4.93E-05	0.011349	1.22E-01	0.119195	0.008229	3.64E-05	0.012519	0.13998
2638	490510.04	3858810.04	3.36845	5.71087	4.03021	5.49667	7.69E-02	0.00608	6.1E-05	0.01757	0.10059	1.02E-01	0.008046	4.93E-05	0.01091	1.21E-01	0.117778	0.008133	3.65E-05	0.012036	0.137983
2639	490560.04	3858810.04	3.32497	5.62453	4.02578	5.28214	7.59E-02	0.00599	6.1E-05	0.01689	0.09882	1.00E-01	0.007925	4.93E-05	0.010484	1.19E-01	0.116257	0.00801	3.64E-05	0.011566	0.13587
2640	490610.04	3858810.04	3.28191	5.52745	4.01876	5.12494	7.49E-02	0.00589	6.1E-05	0.01638	0.09723	9.91E-02	0.007788	4.92E-05	0.010172	1.17E-01	0.114752	0.007872	3.64E-05	0.011222	0.133882
2641	490660.04	3858810.04	3.23526	5.40464	4.00116	4.98954	7.38E-02	0.00576	6E-05	0.01595	0.0956	9.76E-02	0.007615	4.9E-05	0.009904	1.15E-01	0.113121	0.007697	3.62E-05	0.010925	0.131779
2642	490710.04	3858810.04	3.18569	5.26972	3.98396	4.84165	7.27E-02	0.00561	6E-05	0.01548	0.09385	9.61E-02	0.007425	4.88E-05	0.00961	1.13E-01	0.111387	0.007505	3.6E-05	0.010602	0.12953
2643	490760.04	3858810.04	3.13854	5.12537	3.97097	4.65966	7.16E-02	0.00546	6E-05	0.0149	0.09204	9.47E-02	0.007221	4.86E-05	0.009249	1.11E-01	0.109739	0.007299	3.59E-05	0.010203	0.127277
2644	490810.04	3858810.04	3.08407	4.96158	3.93309	4.56782	7.04E-02	0.00529	5.9E-05	0.0146	0.09033	9.31E-02	0.006991	4.81E-05	0.009067	1.09E-01	0.107834	0.007066	3.56E-05	0.010002	0.124938
2645	490860.04	3858810.04	3.02978	4.79718	3.89726	4.41587	6.91E-02	0.00511	5.9E-05	0.01412	0.08843	9.14E-02	0.006759	4.77E-05	0.008765	1.07E-01	0.105936	0.006832	3.53E-05	0.009669	0.122473
2646	490360.04	3858860.04	3.44928	5.81507	3.8812	6.30683	7.87E-02	0.0062	5.8E-05	0.02016	0.10513	1.04E-01	0.008193	4.75E-05	0.012518	1.25E-01	0.120604	0.008282	3.51E-05	0.01381	0.14273
2647	490410.04	3858860.04	3.42314	5.7622	3.87186	6.12743	7.81E-02	0.00614	5.8E-05	0.01959	0.10391	1.03E-01	0.008119	4.74E-05	0.012162	1.24E-01	0.11969	0.008206	3.5E-05	0.013417	0.141348
2648	490460.04	3858860.04	3.40233	5.72357	3.88893	5.89954	7.76E-02	0.0061	5.9E-05	0.01886	0.10266	1.03E-01	0.008064	4.76E-05	0.01171	1.23E-01	0.118962	0.008151	3.52E-05	0.012918	0.140067
2649	490510.04	3858860.04	3.3664	5.64523	3.89754	5.70952	7.68E-02	0.00601	5.9E-05	0.01825	0.10115	1.02E-01	0.007954	4.77E-05	0.011333	1.21E-01	0.117706	0.00804	3.53E-05	0.012502	0.138283
2650	490560.04	3858860.04	3.33316	5.60838	3.90804	5.48784	7.61E-02	0.00597	5.9E-05	0.01754	0.09964	1.01E-01	0.007902	4.78E-05	0.010893	1.19E-01	0.116544	0.007987	3.54E-05	0.012017	0.136583
2651	490610.04	3858860.04	3.301	5.56535	3.91554	5.23515	7.53E-02	0.00593	5.9E-05	0.01674	0.09806	9.96E-02	0.007841	4.79E-05	0.010391	1.18E-01	0.115419	0.007926	3.54E-05	0.011463	0.134844
2652	490660.04	3858860.04	3.26139	5.48494	3.91401	5.01359	7.44E-02	0.00584	5.9E-05	0.01603	0.09636	9.84E-02	0.007728	4.79E-05	0.009951	1.16E-01	0.114034	0.007811	3.54E-05	0.010978	0.132859
2653	490710.04	3858860.04	3.21476	5.38269	3.90299	4.87522	7.34E-02	0.00573	5.9E-05	0.01559	0.09474	9.70E-02	0.007584	4.78E-05	0.009677	1.14E-01	0.112404	0.007666	3.53E-05	0.010675	0.13078
2654	490760.04	3858860.04	3.17557	5.27359	3.90156	4.69581	7.25E-02	0.00562	5.9E-05	0.01501	0.09316	9.58E-02	0.00743	4.78E-05	0.009321	1.13E-01	0.111034	0.00751	3.53E-05	0.010282	0.128862
2655	490810.04	3858860.04	3.1279	5.14747	3.88823	4.52736	7.14E-02	0.00548	5.9E-05	0.01447	0.0914	9.44E-02	0.007252	4.76E-05	0.008986	1.11E-01	0.109367	0.007331	3.52E-05	0.009913	0.126646
2656	490860.04	3858860.04	3.07998	5.00483	3.86802	4.35174	7.03E-02	0.00533	5.8E-05	0.01391	0.08959	9.30E-02	0.007051	4.73E-05	0.008638	1.09E-01	0.107691	0.007128	3.5E-05	0.009529	0.124383
2657	490360.04	3858910.04	3.39645	5.80068	3.74757	6.51398	7.75E-02	0.00618	5.6E-05	0.02083	0.10457	1.03E-01	0.008173	4.59E-05	0.01293	1.24E-01	0.118757	0.008261	3.39E-05	0.014263	0.141315
2658	490410.04	3858910.04	3.38592	5.63931	3.7795	6.32391	7.73E-02	0.00601	5.7E-05	0.02022	0.10355	1.02E-01	0.007945	4.63E-05	0.012552	1.23E-01	0.118389	0.008031	3.42E-05	0.013847	0.140301
2659	490460.04	3858910.04	3.37251	5.62127	3.79423	6.12219	7.70E-02	0.00599	5.7E-05	0.01957	0.10258	1.02E-01	0.00792	4.64E-05	0.012152	1.22E-01	0.11792	0.008006	3.43E-05	0.013406	0.139365
2660	490510.04	3858910.04	3.35559	5.5921	3.7922	5.90744	7.66E-02	0.00596	5.7E-05	0.01889	0.10148	1.01E-01	0.007879	4.64E-05	0.011726	1.21E-01	0.117328	0.007964	3.43E-05	0.012935	0.138262
2661	490560.04	3858910.04	3.33399	5.5511	3.7781	5.67931	7.61E-02	0.00591	5.7E-05	0.01816	0.10021	1.01E-01	0.007821	4.62E-05	0.011273	1.20E-01	0.116573	0.007906	3.42E-05	0.012436	0.136948
2662	490610.04	3858910.04	3.31033	5.49562	3.79268	5.44278	7.55E-02	0.00585	5.7E-05	0.0174	0.09886	9.99E-02	0.007743	4.64E-05	0.010803	1.19E-01	0.115746	0.007827	3.43E-05	0.011918	0.135524
2663	490660.04	3858910.04	3.27678	5.45316	3.8022	5.2231	7.48E-02	0.00581	5.7E-05	0.0167	0.09734	9.89E-02	0.007683	4.65E-05	0.010367	1.17E-01	0.114572	0.007766	3.44E-05	0.011437	0.13381
2664	490710.04	3858910.04	3.24612	5.40201	3.8116	4.98331	7.41E-02	0.00575	5.7E-05	0.01593	0.09582	9.80E-02	0.007611	4.67E-05	0.009891	1.16E-01	0.1135	0.007693	3.45E-05	0.010912	0.13214
2665	490760.04	3858910.04	3.21542	5.3318	3.81672	4.71665	7.34E-02	0.00568	5.8E-05	0.01508	0.0942	9.70E-02	0.007512	4.67E-05	0.009362	1.14E-01	0.112427	0.007593	3.45E-05	0.010328	0.130383
2666	490810.04	3858910.04	3.17433	5.23684	3.81158	4.48676	7.24E-02	0.00558	5.7E-05	0.01434	0.09242	9.58E-02	0.007378	4.67E-05	0.008906	1.12E-01	0.11099	0.007458	3.45E-05	0.009825	0.128307
2667	490860.04	3858910.04	3.13332	5.12478	3.81046	4.25933	7.15E-02	0.00546	5.7E-05	0.01362	0.09064	9.46E-02	0.00722	4.66E-05	0.008454	1.10E-01	0.109556	0.007298	3.45E-05	0.009327	0.126216
2668	490360.04	3858960.04	3.34056	6.00472	3.56868	6.65501	7.62E-02	0.0064	5.4E-05	0.02128	0.10396	1.01E-01	0.00846	4.37E-05	0.01321	1.23E-01	0.116802	0.008552	3.23E-05	0.014572	0.139959
2669	490410.04	3858960.04	3.34217	5.85546	3.63707	6.46835	7.63E-02	0.00624	5.5E-05	0.02068	0.10324	1.01E-01	0.00825	4.45E-05	0.012839	1.22E-01	0.116859	0.008339	3.29E-05	0.014164	0.139394
2670	490460.04	3858960.04	3.34043	5.6872	3.68661	6.26029	7.62E-02	0.00606	5.6E-05	0.02001	0.10236	1.01E-01	0.008013	4.51E-05	0.012426	1.21E-01	0.116798	0.008099	3.34E-05	0.013708	0.138639
2671	490510.04	3858960.04	3.32995	5.49608	3.71395	6.05303	7.60E-02	0.00586	5.6E-05	0.01935	0.10126	1.01E-01	0.007744	4.55E-05	0.012015	1.20E-01	0.116432	0.007827	3.36E-05	0.013254	0.137546
2672	490560.04	3858960.04	3.31724	5.46432	3.72279	5.83878	7.57E-02	0.00582	5.6E-05	0.01867	0.10025	1.00E-01	0.007699	4.56E-05	0.011589	1.19E-01	0.115987	0.007782	3.37E-05	0.012785	0.136588
2673	490610.04	3858960.04	3.30706	5.43634	3.72224	5.58377	7.55E-02	0.00579	5.6E-05	0.01785	0.09917	9.98E-02	0.007659	4.56E-05	0.011083	1.19E-01	0.115631	0.007742	3.37E-05	0.012227	0.135634
2674	490660.04	3858960.04	3.27906	5.38083	3.69884	5.40232	7.48E-02	0.00573	5.6E-05	0.01727	0.09789	9.90E-02	0.007581	4.53E-05	0.010723	1.17E-01	0.114652	0.007663	3.35E-05	0.011829	0.134178
2675	490710.04	3858960.04	3.26813	5.32575	3.69107	5.13791	7.46E-02	0.00567	5.6E-05	0.01643	0.09674	9.86E-02	0.007504	4.52E-05	0.010198	1.16E-01	0.11427	0.007585	3.34E-05	0.01125	0.133138
2676	490760.04	3858960.04	3.24043	5.28258	3.70153	4.8861	7.39E-02	0.00563	5.6E-05	0.01562	0.09525	9.78E-02	0.007443	4.53E-05	0.009698	1.15E-01	0.113301	0.007523	3.35E-05	0.010699	0.131557
2677	490810.04	3858960.04	3.21462	5.22662	3.71174	4.62761	7.34E-02	0.00557	5.6E-05	0.01479	0.09378	9.70E-02	0.007364	4.54E-05	0.009185	1.14E-01	0.112399	0.007443	3.36E-05	0.010133	0.130009
2678	490860.04	3858960.04	3.1857	5.15145	3.72446	4.33724	7.27E-02	0.00549	5.6E-05	0.01387	0.09211	9.61E-02	0.007258	4.56E-05	0.008609	1.12E-01	0.111388	0.007336	3.37E-05	0.009497	0.128255
2679	490360.04	3859010.04	3.27602	6.09532	3.33578	6.73418	7.48E-02	0.00649	5E-05	0.02153	0.10283	9.89E-02	0.008588	4.08E-05	0.013367	1.21E-01	0.114546	0.008681	3.02E-05	0.014746	0.138002
2680	490410.04	3859010.04	3.28376	6.00537	3.43751	6.56007	7.49E-02	0.0064	5.2E-05	0.02097	0.10236	9.91E-02	0.008461	4.21E-05	0.013021	1.21E-01	0.114816	0.008553	3.11E-05	0.014364	0.137764

2681	490460.04	3859010.04	3.29263	5.89155	3.52198	6.33851	7.51E-02	0.00628	5.3E-05	0.02026	0.10173	9.94E-02	0.008301	4.31E-05	0.012581	1.20E-01	0.115127	0.00839	3.19E-05	0.013879	0.137428
2682	490510.04	3859010.04	3.29734	5.74549	3.58383	6.10063	7.52E-02	0.00612	5.4E-05	0.0195	0.10093	9.95E-02	0.008095	4.39E-05	0.012109	1.20E-01	0.115291	0.008182	3.24E-05	0.013358	0.136864
2683	490560.04	3859010.04	3.28831	5.56326	3.6214	5.92788	7.50E-02	0.00593	5.5E-05	0.01895	0.09997	9.92E-02	0.007838	4.43E-05	0.011766	1.19E-01	0.114976	0.007923	3.28E-05	0.01298	0.135911
2684	490610.04	3859010.04	3.28483	5.37837	3.66503	5.67473	7.50E-02	0.00573	5.5E-05	0.01814	0.09889	9.91E-02	0.007578	4.49E-05	0.011264	1.18E-01	0.114854	0.00766	3.32E-05	0.012426	0.134972
2685	490660.04	3859010.04	3.27182	5.28967	3.66568	5.51101	7.47E-02	0.00564	5.5E-05	0.01762	0.09797	9.87E-02	0.007453	4.49E-05	0.010939	1.17E-01	0.114399	0.007533	3.32E-05	0.012067	0.134033
2686	490710.04	3859010.04	3.26813	5.25554	3.6838	5.2354	7.46E-02	0.0056	5.6E-05	0.01674	0.09697	9.86E-02	0.007405	4.51E-05	0.010392	1.16E-01	0.11427	0.007485	3.33E-05	0.011464	0.133252
2687	490760.04	3859010.04	3.25748	5.20235	3.7007	4.97269	7.43E-02	0.00554	5.6E-05	0.0159	0.09583	9.83E-02	0.00733	4.53E-05	0.00987	1.16E-01	0.113898	0.007409	3.35E-05	0.010889	0.132229
2688	490810.04	3859010.04	3.24111	5.13749	3.73829	4.70039	7.40E-02	0.00547	5.6E-05	0.01503	0.09452	9.78E-02	0.007238	4.58E-05	0.00933	1.14E-01	0.113325	0.007317	3.38E-05	0.010292	0.130968
2689	490860.04	3859010.04	3.21716	5.08564	3.78558	4.44173	7.34E-02	0.00542	5.7E-05	0.0142	0.09309	9.71E-02	0.007165	4.63E-05	0.008816	1.13E-01	0.112488	0.007243	3.42E-05	0.009726	0.129491
2690	490360.04	3859060.04	3.20752	6.06816	3.09887	6.71866	7.32E-02	0.00646	4.7E-05	0.02148	0.10119	9.68E-02	0.00855	3.79E-05	0.013336	1.19E-01	0.112151	0.008642	2.8E-05	0.014712	0.135532
2691	490410.04	3859060.04	3.22453	6.05635	3.19528	6.53386	7.36E-02	0.00645	4.8E-05	0.02089	0.10098	9.73E-02	0.008533	3.91E-05	0.012969	1.19E-01	0.112746	0.008625	2.89E-05	0.014307	0.135707
2692	490460.04	3859060.04	3.2321	5.98928	3.30457	6.34406	7.38E-02	0.00638	5E-05	0.02028	0.10047	9.75E-02	0.008439	4.04E-05	0.012592	1.19E-01	0.11301	0.00853	2.99E-05	0.013891	0.135461
2693	490510.04	3859060.04	3.23638	5.88436	3.39498	6.15161	7.39E-02	0.00627	5.1E-05	0.01967	0.09984	9.77E-02	0.008291	4.16E-05	0.01221	1.18E-01	0.11316	0.00838	3.07E-05	0.01347	0.135041
2694	490560.04	3859060.04	3.24186	5.75631	3.49717	5.90866	7.40E-02	0.00613	5.3E-05	0.01889	0.09906	9.78E-02	0.00811	4.28E-05	0.011728	1.18E-01	0.113351	0.008198	3.16E-05	0.012938	0.134519
2695	490610.04	3859060.04	3.24936	5.59682	3.55649	5.72161	7.42E-02	0.00596	5.4E-05	0.01829	0.09846	9.81E-02	0.007886	4.35E-05	0.011357	1.17E-01	0.113614	0.007971	3.22E-05	0.012528	0.134145
2696	490660.04	3859060.04	3.24673	5.42078	3.60306	5.53624	7.41E-02	0.00577	5.4E-05	0.0177	0.09762	9.80E-02	0.007638	4.41E-05	0.010989	1.17E-01	0.113522	0.00772	3.26E-05	0.012123	0.133397
2697	490710.04	3859060.04	3.2519	5.23414	3.66951	5.2527	7.42E-02	0.00558	5.5E-05	0.01679	0.09664	9.81E-02	0.007375	4.49E-05	0.010426	1.16E-01	0.113702	0.007454	3.32E-05	0.011502	0.132692
2698	490760.04	3859060.04	3.24806	5.10012	3.7415	4.98466	7.41E-02	0.00543	5.6E-05	0.01594	0.09555	9.80E-02	0.007186	4.58E-05	0.009894	1.15E-01	0.113568	0.007263	3.38E-05	0.010915	0.13178
2699	490810.04	3859060.04	3.24144	5.05482	3.8474	4.70325	7.40E-02	0.00539	5.8E-05	0.01504	0.09445	9.78E-02	0.007122	4.71E-05	0.009335	1.14E-01	0.113337	0.007199	3.48E-05	0.010299	0.130869
2700	490860.04	3859060.04	3.23689	5.2636	3.93449	4.44182	7.39E-02	0.00561	5.9E-05	0.0142	0.09374	9.77E-02	0.007416	4.82E-05	0.008817	1.14E-01	0.113178	0.007496	3.56E-05	0.009726	0.130436
2701	490360.04	3859110.04	3.13149	5.90014	3.04355	6.61672	7.15E-02	0.00629	4.6E-05	0.02115	0.09895	9.45E-02	0.008313	3.73E-05	0.013133	1.16E-01	0.109492	0.008403	2.75E-05	0.014488	0.132411
2702	490410.04	3859110.04	3.14582	5.95594	3.05858	6.48291	7.18E-02	0.00635	4.6E-05	0.02073	0.09891	9.49E-02	0.008392	3.74E-05	0.012868	1.16E-01	0.109993	0.008482	2.77E-05	0.014195	0.132699
2703	490460.04	3859110.04	3.15284	5.94777	3.04038	6.35839	7.20E-02	0.00634	4.6E-05	0.02033	0.09866	9.52E-02	0.00838	3.72E-05	0.012621	1.16E-01	0.110239	0.00847	2.75E-05	0.013923	0.13266
2704	490510.04	3859110.04	3.16181	5.92192	3.17816	6.08176	7.22E-02	0.00631	4.8E-05	0.01944	0.09796	9.54E-02	0.008344	3.89E-05	0.012072	1.16E-01	0.110553	0.008434	2.88E-05	0.013317	0.132332
2705	490560.04	3859110.04	3.17681	5.84076	3.30708	5.8803	7.25E-02	0.00622	5E-05	0.0188	0.09757	9.59E-02	0.008229	4.05E-05	0.011672	1.16E-01	0.111077	0.008318	2.99E-05	0.012876	0.132301
2706	490610.04	3859110.04	3.18813	5.73102	3.42545	5.63724	7.28E-02	0.00611	5.2E-05	0.01802	0.09694	9.62E-02	0.008075	4.19E-05	0.011189	1.16E-01	0.111473	0.008162	3.1E-05	0.012344	0.132009
2707	490660.04	3859110.04	3.20171	5.58979	3.55641	5.34776	7.31E-02	0.00596	5.4E-05	0.0171	0.09617	9.66E-02	0.007876	4.35E-05	0.010615	1.15E-01	0.111948	0.007961	3.22E-05	0.01171	0.13165
2708	490710.04	3859110.04	3.20464	5.43032	3.64247	5.15883	7.31E-02	0.00579	5.5E-05	0.01649	0.09547	9.67E-02	0.007651	4.46E-05	0.01024	1.15E-01	0.11205	0.007734	3.3E-05	0.011296	0.131113
2709	490760.04	3859110.04	3.20867	5.25569	3.76808	4.90979	7.32E-02	0.0056	5.7E-05	0.0157	0.09458	9.68E-02	0.007405	4.61E-05	0.009745	1.14E-01	0.112191	0.007485	3.41E-05	0.010751	0.130461
2710	490810.04	3859110.04	3.21978	5.34341	3.93248	4.6079	7.35E-02	0.00569	5.9E-05	0.01473	0.09396	9.72E-02	0.007529	4.81E-05	0.009146	1.14E-01	0.112579	0.00761	3.56E-05	0.01009	0.130315
2711	490860.04	3859110.04	3.22658	5.27157	4.11394	4.31017	7.36E-02	0.00562	6.2E-05	0.01378	0.09309	9.74E-02	0.007427	5.04E-05	0.008555	1.13E-01	0.112817	0.007507	3.72E-05	0.009438	0.1298
2712	490360.04	3859160.04	3.05411	5.60563	2.91837	6.39582	6.97E-02	0.00597	4.4E-05	0.02045	0.09616	9.22E-02	0.007898	3.57E-05	0.012695	1.13E-01	0.106787	0.007983	2.64E-05	0.014005	0.128801
2713	490410.04	3859160.04	3.06418	5.72746	2.97338	6.34567	6.99E-02	0.0061	4.5E-05	0.02029	0.09636	9.25E-02	0.00807	3.64E-05	0.012595	1.13E-01	0.107139	0.008157	2.69E-05	0.013895	0.129217
2714	490460.04	3859160.04	3.07213	5.79593	2.99821	6.24825	7.01E-02	0.00617	4.5E-05	0.01998	0.0963	9.27E-02	0.008166	3.67E-05	0.012402	1.13E-01	0.107417	0.008254	2.71E-05	0.013682	0.12938
2715	490510.04	3859160.04	3.07659	5.8216	2.99832	6.09271	7.02E-02	0.0062	4.5E-05	0.01948	0.09594	9.29E-02	0.008202	3.67E-05	0.012093	1.13E-01	0.107573	0.008291	2.71E-05	0.013341	0.129232
2716	490560.04	3859160.04	3.09137	5.81108	3.05969	5.8417	7.05E-02	0.00619	4.6E-05	0.01868	0.09546	9.33E-02	0.008187	3.74E-05	0.011595	1.13E-01	0.10809	0.008276	2.77E-05	0.012791	0.129184
2717	490610.04	3859160.04	3.10089	5.75441	3.19839	5.65591	7.08E-02	0.00613	4.8E-05	0.01808	0.09503	9.36E-02	0.008108	3.91E-05	0.011226	1.13E-01	0.108422	0.008195	2.89E-05	0.012385	0.129031
2718	490660.04	3859160.04	3.11756	5.6613	3.41653	5.20228	7.11E-02	0.00603	5.1E-05	0.01663	0.09386	9.41E-02	0.007976	4.18E-05	0.010326	1.12E-01	0.109005	0.008063	3.09E-05	0.011391	0.12849
2719	490710.04	3859160.04	3.12792	5.5432	3.56149	5.01029	7.14E-02	0.00591	5.4E-05	0.01602	0.09336	9.44E-02	0.00781	4.36E-05	0.009945	1.12E-01	0.109368	0.007894	3.22E-05	0.010971	0.128265
2720	490760.04	3859160.04	3.15093	5.88818	3.81605	4.63823	7.19E-02	0.00627	5.8E-05	0.01483	0.09307	9.51E-02	0.008296	4.67E-05	0.009206	1.13E-01	0.110172	0.008386	3.45E-05	0.010156	0.128748
2721	490810.04	3859160.04	3.16563	5.71971	3.98285	4.42992	7.22E-02	0.00609	6E-05	0.01416	0.09256	9.55E-02	0.008059	4.87E-05	0.008793	1.12E-01	0.110686	0.008146	3.6E-05	0.0097	0.128568
2722	490860.04	3859160.04	3.17424	5.50612	4.15496	4.19368	7.24E-02	0.00587	6.3E-05	0.01341	0.09177	9.58E-02	0.007758	5.09E-05	0.008324	1.12E-01	0.110987	0.007842	3.76E-05	0.009183	0.128049
2723	490360.04	3859210.04	2.98049	5.20988	2.80915	6.02769	6.80E-02	0.00555	4.2E-05	0.01927	0.09288	9.00E-02	0.00734	3.44E-05	0.011964	1.09E-01	0.104213	0.00742	2.54E-05	0.013199	0.124856
2724	490410.04	3859210.04	2.98805	5.36882	2.81765	6.12241	6.82E-02	0.00572	4.2E-05	0.01957	0.09353	9.02E-02	0.007564	3.45E-05	0.012152	1.10E-01	0.104477	0.007646	2.55E-05	0.013406	0.125555
2725	490460.04	3859210.04	2.99066	5.52908	2.89114	6.02577	6.82E-02	0.00589	4.4E-05	0.01926	0.09345	9.03E-02	0.00779	3.54E-05	0.011961	1.10E-01	0.104568	0.007874	2.62E-05	0.013194	0.125663
2726	490510.04	3859210.04	2.99224	5.62186	2.93251	5.92103	6.83E-02	0.00599	4.4E-05	0.01893	0.09325	9.03E-02	0.007921	3.59E-05	0.011753	1.10E-01	0.104624	0.008006	2.65E-05	0.012965	0.125621
2727	490560.04	3859210.04	2.99797	5.66204	2.94727	5.83267	6.84E-02	0.00603	4.4E-05	0.01865	0.09314	9.05E-02	0.007977	3.61E-05	0.011577	1.10E-01	0.104824	0.008064	2.67E-05	0.012772	0.125686
2728	490610.04	3859210.04	3.01134	5.67095	2.94353	5.62918	6.87E-02	0.00604	4.4E-05	0.018	0.0928	9.09E-02	0.00799	3.6E-05	0.011173	1.10E-01	0.105291	0.008076	2.66E-05	0.012326	0.12572
2729	490660.04	3859210.04	3.01747	5.63619	3.12854	5.23624	6.89E-02	0.006	4.7E-05	0.01674	0.09165	9.11E-02	0.007941	3.83E-05	0.010393	1.09E-01	0.105506	0.008027	2.83E-05	0.011466	0.125026
2730	490710.04	3859210.04	3.02991	5.56838	3.29317	5.01097	6.91E-02	0.00593	5E-05	0.01602	0.09115	9.14E-02	0.007845	4.03E-05	0.009946	1.09E-01	0.105941	0.00793	2.98E-05	0.010972	0.124873
2731	490760.04	3859210.04	3.0563	6.05017	3.59224	4.63332	6.97E-02	0.00645	5.4E-05	0.01481	0.09106	9.22E-02	0.008524	4.4E-05	0.009197	1.10E-01	0.106863	0.008616	3.25E-05	0.010145	0.125658
2732	490810.04	3859210.04	3.06653	5.90521	3.69532	4.58088	7.00E-02	0.00629	5.6E-05	0.01465	0.09097	9.26E-02	0.00832	4.52E-05	0.009093	1.10E-01	0.107221	0.00841	3.34E-05	0.010031	0.125695
2733	490860.04	3859210.04	3.07684	5.73698	3.79236	4.4999	7.02E-02	0.00611	5.7E-05	0.01439	0.09077	9.29E-02	0.008083	4.64E-05	0.008932	1.10E-01	0.107582	0.00817	3.43E-05	0.009853	0.125639
2734	490360.04	3859260.04	2.90896	4.74783	2.85947	5.49835	6.64E-02	0.00506	4.3E-05	0.01758	0.08906	8.78E-02	0.006689	3.5E-05	0.010914	1.05E-01	0.101712	0.006762	2.59E-05	0.01204	0.120539
2735	490410.04	3859260.04	2.91338	4.96534	2.79445	5.65658	6.65E-02	0.00529	4.2E-05	0.01808	0.0899	8.79E-02	0.006996	3.42E-05	0.011228	1.06E-01	0.101866	0.007071	2.53E-05	0.012386	0.121349
2736	490460.04	3859260.04	2.91881	5.14033	2.71738	5.77877	6.66E-02	0.00548	4.1E-05	0.01847	0.0906	8.81E-02	0.007242	3.33E-05	0.01147	1.07E-01	0.102056	0.007321	2.46E-05	0.012654	0.122055
2737	490510.04	3859260.04	2.9219	5.27866	2.78805	5.8412	6.67E-02	0.00562	4.2E-05	0.01867	0.09102	8.82E-02	0.007437	3.41E-05	0.011594	1.07E-01	0.102164	0.007518	2.52E-05	0.01279	0.122497
2738	490560.04	3859260.04	2.92417	5.39716	2.84158	5.79406	6.67E-02	0.00575	4.3E-05	0.01852	0.09105	8.83E-02	0.007604	3.48E-05	0.011501	1.07E-01	0.102243	0.007686	2.57E-05	0.012687	0.122643
2739	490610.04	3859260.04	2.9264	5.48039	2.88541	5.58073	6.68E-02	0.00584	4.3E-05	0.01784	0.09051	8.83E-02	0.007722	3.53E-05	0.011077	1.07E-01	0.102321	0.007805	2.61E-05	0.01222	0.122372
2740	490660.04	3859260.04	2.93682	5.50286	2.88399	5.5811	6.70E-02	0.00586	4.3E-05	0.01784	0.09077	8.86E-02	0.007753	3.53E-05	0.011078	1.08E-01	0.102686	0.007837	2.61E-05	0.012221	0.122769
2741	490710.04	3859260.04	2.9387	5.49962	2.89035	5.43416	6.71E-02	0.00586	4.4E-05	0.01737	0.09034	8.87E-02	0.007749	3.54E-05	0.010786	1.07E-01	0.102751	0.007832	2.61E-05	0.011899	0.122509

2742	490760.04	3859260.04	2.95025	5.45954	3.10426	5.08447	6.73E-02	0.00582	4.7E-05	0.01626	0.08945	8.90E-02	0.007692	3.8E-05	0.010092	1.07E-01	0.103155	0.007775	2.81E-05	0.011133	0.122092
2743	490810.04	3859260.04	2.96208	5.39555	3.23247	4.99208	6.76E-02	0.00575	4.9E-05	0.01596	0.08935	8.94E-02	0.007602	3.96E-05	0.009909	1.07E-01	0.103569	0.007684	2.92E-05	0.010931	0.122213
2744	490860.04	3859260.04	2.97075	5.30945	3.36416	4.88283	6.78E-02	0.00566	5.1E-05	0.01561	0.08911	8.97E-02	0.007481	4.12E-05	0.009692	1.07E-01	0.103872	0.007561	3.04E-05	0.010692	0.122156
2745	490360.04	3859310.04	2.84112	4.20397	2.85459	4.89988	6.48E-02	0.00448	4.3E-05	0.01567	0.08502	8.57E-02	0.005923	3.49E-05	0.009726	1.01E-01	0.09934	0.005987	2.58E-05	0.010729	0.116082
2746	490410.04	3859310.04	2.84568	4.46223	2.81899	5.13629	6.49E-02	0.00475	4.2E-05	0.01642	0.08616	8.59E-02	0.006287	3.45E-05	0.010195	1.02E-01	0.099499	0.006355	2.55E-05	0.011247	0.117126
2747	490460.04	3859310.04	2.84986	4.68689	2.76344	5.3338	6.50E-02	0.00499	4.2E-05	0.01705	0.08712	8.60E-02	0.006604	3.38E-05	0.010587	1.03E-01	0.099645	0.006675	2.5E-05	0.011679	0.118024
2748	490510.04	3859310.04	2.85493	4.87284	2.68994	5.50356	6.52E-02	0.00519	4.1E-05	0.0176	0.08798	8.62E-02	0.006866	3.29E-05	0.010924	1.04E-01	0.099822	0.00694	2.43E-05	0.012051	0.118837
2749	490560.04	3859310.04	2.85942	5.03078	2.68372	5.61468	6.53E-02	0.00536	4E-05	0.01795	0.0886	8.63E-02	0.007088	3.28E-05	0.011145	1.05E-01	0.099979	0.007165	2.43E-05	0.012294	0.119463
2750	490610.04	3859310.04	2.86482	5.15204	2.74264	5.6927	6.54E-02	0.00549	4.1E-05	0.0182	0.08911	8.65E-02	0.007259	3.36E-05	0.011299	1.05E-01	0.100168	0.007337	2.48E-05	0.012465	0.119995
2751	490660.04	3859310.04	2.86618	5.24771	2.78243	5.6886	6.54E-02	0.00559	4.2E-05	0.01819	0.08923	8.65E-02	0.007394	3.41E-05	0.011291	1.05E-01	0.100216	0.007474	2.52E-05	0.012456	0.120171
2752	490710.04	3859310.04	2.86661	5.32256	2.81764	5.48533	6.54E-02	0.00567	4.2E-05	0.01754	0.08867	8.65E-02	0.007499	3.45E-05	0.010888	1.05E-01	0.100231	0.00758	2.55E-05	0.012011	0.119847
2753	490760.04	3859310.04	2.86947	5.3469	2.8216	5.35782	6.55E-02	0.0057	4.3E-05	0.01713	0.08835	8.66E-02	0.007533	3.45E-05	0.010635	1.05E-01	0.100331	0.007615	2.55E-05	0.011732	0.119703
2754	490810.04	3859310.04	2.87793	5.33494	2.86759	5.28944	6.57E-02	0.00568	4.3E-05	0.01691	0.08831	8.69E-02	0.007517	3.51E-05	0.010499	1.05E-01	0.100627	0.007598	2.59E-05	0.011582	0.119832
2755	490860.04	3859310.04	2.88223	5.2963	3.01666	5.12128	6.58E-02	0.00564	4.5E-05	0.01637	0.08784	8.70E-02	0.007462	3.69E-05	0.010165	1.05E-01	0.100777	0.007543	2.73E-05	0.011214	0.119561
2756	490360.04	3859360.04	2.76618	3.63498	2.80296	4.23247	6.31E-02	0.00387	4.2E-05	0.01353	0.08057	8.35E-02	0.005121	3.43E-05	0.008401	9.70E-02	0.096719	0.005177	2.54E-05	0.009268	0.111189
2757	490410.04	3859360.04	2.77614	3.90489	2.7928	4.53929	6.34E-02	0.00416	4.2E-05	0.01451	0.08207	8.38E-02	0.005502	3.42E-05	0.00901	9.83E-02	0.097068	0.005561	2.53E-05	0.00994	0.112594
2758	490460.04	3859360.04	2.78532	4.15295	2.76257	4.82145	6.36E-02	0.00442	4.2E-05	0.01541	0.08344	8.41E-02	0.005851	3.38E-05	0.00957	9.95E-02	0.097389	0.005914	2.5E-05	0.010557	0.113885
2759	490510.04	3859360.04	2.79337	4.37999	2.71615	5.06663	6.37E-02	0.00467	4.1E-05	0.0162	0.08465	8.43E-02	0.006171	3.32E-05	0.010057	1.01E-01	0.09767	0.006238	2.46E-05	0.011094	0.115027
2760	490560.04	3859360.04	2.79767	4.59335	2.65887	5.24474	6.38E-02	0.00489	4E-05	0.01677	0.08555	8.44E-02	0.006472	3.25E-05	0.01041	1.01E-01	0.09782	0.006542	2.41E-05	0.011484	0.11587
2761	490610.04	3859360.04	2.80029	4.77485	2.58684	5.37391	6.39E-02	0.00509	3.9E-05	0.01718	0.08621	8.45E-02	0.006727	3.17E-05	0.010667	1.02E-01	0.097912	0.0068	2.34E-05	0.011767	0.116503
2762	490660.04	3859360.04	2.8034	4.91957	2.64599	5.47067	6.40E-02	0.00524	4E-05	0.01749	0.08675	8.46E-02	0.006931	3.24E-05	0.010859	1.02E-01	0.098021	0.007006	2.39E-05	0.011979	0.11703
2763	490710.04	3859360.04	2.79974	5.04175	2.70109	5.46478	6.39E-02	0.00537	4.1E-05	0.01747	0.08678	8.45E-02	0.007104	3.31E-05	0.010847	1.02E-01	0.097893	0.00718	2.44E-05	0.011966	0.117063
2764	490760.04	3859360.04	2.79808	5.12945	2.74366	5.38249	6.39E-02	0.00546	4.1E-05	0.01721	0.08657	8.44E-02	0.007227	3.36E-05	0.010684	1.02E-01	0.097835	0.007305	2.48E-05	0.011786	0.11695
2765	490810.04	3859360.04	2.80837	5.17037	2.74884	5.42506	6.41E-02	0.00551	4.1E-05	0.01734	0.08698	8.48E-02	0.007285	3.36E-05	0.010768	1.03E-01	0.098194	0.007363	2.49E-05	0.011879	0.117462
2766	490860.04	3859360.04	2.81239	5.18962	2.74263	5.34754	6.42E-02	0.00553	4.1E-05	0.0171	0.08685	8.49E-02	0.007312	3.36E-05	0.010614	1.03E-01	0.098335	0.007391	2.48E-05	0.011709	0.11746
2767	490360.04	3859410.04	2.65689	3.40948	2.82593	4.21064	6.06E-02	0.00363	4.3E-05	0.01346	0.07777	8.02E-02	0.004804	3.46E-05	0.008358	9.34E-02	0.092898	0.004856	2.56E-05	0.00922	0.106999
2768	490410.04	3859410.04	2.68209	3.34546	2.72567	4.07688	6.12E-02	0.00356	4.1E-05	0.01303	0.07785	8.09E-02	0.004714	3.34E-05	0.008092	9.38E-02	0.093779	0.004764	2.47E-05	0.008927	0.107495
2769	490460.04	3859410.04	2.7023	3.61078	2.72451	4.19648	6.17E-02	0.00385	4.1E-05	0.01342	0.07897	8.16E-02	0.005087	3.33E-05	0.00833	9.50E-02	0.094486	0.005142	2.46E-05	0.009189	0.108842
2770	490510.04	3859410.04	2.71727	3.8631	2.70586	4.48673	6.20E-02	0.00412	4.1E-05	0.01434	0.08051	8.20E-02	0.005443	3.31E-05	0.008906	9.64E-02	0.095009	0.005502	2.45E-05	0.009824	0.11036
2771	490560.04	3859410.04	2.72956	4.09683	2.67034	4.75032	6.23E-02	0.00436	4E-05	0.01519	0.08188	8.24E-02	0.005772	3.27E-05	0.009429	9.76E-02	0.095439	0.005834	2.42E-05	0.010402	0.111699
2772	490610.04	3859410.04	2.73954	4.31001	2.62012	4.97815	6.25E-02	0.00459	3.9E-05	0.01592	0.08306	8.27E-02	0.006073	3.21E-05	0.009881	9.87E-02	0.095788	0.006138	2.37E-05	0.0109	0.11285
2773	490660.04	3859410.04	2.74197	4.51186	2.56104	5.12613	6.26E-02	0.00481	3.9E-05	0.01639	0.08381	8.28E-02	0.006357	3.13E-05	0.010175	9.93E-02	0.095873	0.006426	2.32E-05	0.011225	0.113546
2774	490710.04	3859410.04	2.7422	4.67829	2.54402	5.23993	6.26E-02	0.00498	3.8E-05	0.01675	0.08435	8.28E-02	0.006591	3.11E-05	0.010401	9.98E-02	0.095881	0.006663	2.3E-05	0.011474	0.11404
2775	490760.04	3859410.04	2.73812	4.82209	2.61029	5.25466	6.25E-02	0.00514	3.9E-05	0.0168	0.08446	8.26E-02	0.006794	3.19E-05	0.01043	9.99E-02	0.095738	0.006867	2.36E-05	0.011506	0.114135
2776	490810.04	3859410.04	2.74514	4.91684	2.65227	5.34663	6.26E-02	0.00524	4E-05	0.01709	0.08502	8.29E-02	0.006928	3.25E-05	0.010613	1.00E-01	0.095984	0.007002	2.4E-05	0.011707	0.114717
2777	490860.04	3859410.04	2.75174	4.97729	2.66968	5.43483	6.28E-02	0.0053	4E-05	0.01738	0.08551	8.31E-02	0.007013	3.27E-05	0.010788	1.01E-01	0.096214	0.007088	2.42E-05	0.0119	0.115227
2778	490360.04	3859460.04	2.50695	3.65635	2.91067	4.31636	5.72E-02	0.0039	4.4E-05	0.0138	0.07495	7.57E-02	0.005152	3.56E-05	0.008568	8.94E-02	0.087655	0.005207	2.63E-05	0.009451	0.10234
2779	490410.04	3859460.04	2.54963	3.43142	2.80659	4.15003	5.82E-02	0.00366	4.2E-05	0.01327	0.07515	7.70E-02	0.004835	3.44E-05	0.008237	9.01E-02	0.089148	0.004887	2.54E-05	0.009087	0.103147
2780	490460.04	3859460.04	2.58533	3.28091	2.68416	4.04129	5.90E-02	0.0035	4E-05	0.01292	0.07546	7.80E-02	0.004623	3.29E-05	0.008022	9.07E-02	0.090396	0.004672	2.43E-05	0.008849	0.103942
2781	490510.04	3859460.04	2.61643	3.3425	2.65935	3.90042	5.97E-02	0.00356	4E-05	0.01247	0.07578	7.90E-02	0.004709	3.25E-05	0.007742	9.15E-02	0.091483	0.00476	2.41E-05	0.008541	0.104808
2782	490560.04	3859460.04	2.64002	3.5907	2.6485	4.14888	6.02E-02	0.00383	4E-05	0.01326	0.07738	7.97E-02	0.005059	3.24E-05	0.008235	9.30E-02	0.092308	0.005114	2.4E-05	0.009085	0.10653
2783	490610.04	3859460.04	2.65901	3.83101	2.62418	4.41906	6.07E-02	0.00408	4E-05	0.01413	0.07893	8.03E-02	0.005398	3.21E-05	0.008771	9.45E-02	0.092972	0.005456	2.37E-05	0.009676	0.108128
2784	490660.04	3859460.04	2.67388	4.05574	2.58562	4.65615	6.10E-02	0.00432	3.9E-05	0.01489	0.08027	8.07E-02	0.005714	3.16E-05	0.009242	9.57E-02	0.093492	0.005776	2.34E-05	0.010195	0.109487
2785	490710.04	3859460.04	2.6834	4.24841	2.52962	4.87151	6.12E-02	0.00453	3.8E-05	0.01557	0.08138	8.10E-02	0.005986	3.1E-05	0.009669	9.67E-02	0.093825	0.00605	2.29E-05	0.010667	0.110565
2786	490760.04	3859460.04	2.68999	4.42834	2.46554	5.03369	6.14E-02	0.00472	3.7E-05	0.01609	0.08224	8.12E-02	0.006239	3.02E-05	0.009991	9.74E-02	0.094055	0.006307	2.23E-05	0.011022	0.111406
2787	490810.04	3859460.04	2.69341	4.57804	2.50926	5.15396	6.15E-02	0.00488	3.8E-05	0.01648	0.08286	8.13E-02	0.00645	3.07E-05	0.01023	9.80E-02	0.094175	0.00652	2.27E-05	0.011285	0.112003
2788	490860.04	3859460.04	2.70081	4.6876	2.55822	5.28433	6.16E-02	0.00499	3.9E-05	0.01689	0.08356	8.15E-02	0.006605	3.13E-05	0.010489	9.86E-02	0.094434	0.006676	2.31E-05	0.011571	0.112704
2789	490360.04	3859510.04	2.46551	3.86095	2.95407	4.57993	5.63E-02	0.00411	4.5E-05	0.01464	0.07506	7.44E-02	0.00544	3.62E-05	0.009091	8.90E-02	0.086206	0.005499	2.67E-05	0.010029	0.10176
2790	490410.04	3859510.04	2.43492	3.65526	2.87472	4.27018	5.56E-02	0.00389	4.3E-05	0.01365	0.07316	7.35E-02	0.00515	3.52E-05	0.008476	8.71E-02	0.085137	0.005206	2.6E-05	0.00935	0.099719
2791	490460.04	3859510.04	2.42609	3.44198	2.78061	4.06625	5.54E-02	0.00367	4.2E-05	0.013	0.07207	7.32E-02	0.00485	3.4E-05	0.008071	8.62E-02	0.084828	0.004902	2.52E-05	0.008904	0.098659
2792	490510.04	3859510.04	2.47498	3.22367	2.66961	3.98702	5.65E-02	0.00343	4E-05	0.01275	0.0727	7.47E-02	0.004542	3.27E-05	0.007914	8.72E-02	0.086538	0.004591	2.42E-05	0.00873	0.099883
2793	490560.04	3859510.04	2.51556	3.15933	2.59087	3.87339	5.74E-02	0.00337	3.9E-05	0.01238	0.0732	7.59E-02	0.004451	3.17E-05	0.007688	8.81E-02	0.087956	0.004499	2.34E-05	0.008481	0.100961
2794	490610.04	3859510.04	2.55132	3.33533	2.59097	3.81577	5.82E-02	0.00355	3.9E-05	0.0122	0.07401	7.70E-02	0.004699	3.17E-05	0.007574	8.93E-02	0.089207	0.00475	2.34E-05	0.008355	0.102335
2795	490660.04	3859510.04	2.57871	3.57364	2.57463	4.09385	5.88E-02	0.00381	3.9E-05	0.01309	0.07578	7.78E-02	0.005035	3.15E-05	0.008126	9.10E-02	0.090164	0.005089	2.33E-05	0.008964	0.104241
2796	490710.04	3859510.04	2.60161	3.79839	2.54379	4.34982	5.94E-02	0.00405	3.8E-05	0.01391	0.07736	7.85E-02	0.005352	3.11E-05	0.008634	9.25E-02	0.090965	0.005409	2.3E-05	0.009525	0.105922
2797	490760.04	3859510.04	2.61826	4.00245	2.49847	4.58125	5.98E-02	0.00426	3.8E-05	0.01465	0.0787	7.90E-02	0.005639	3.06E-05	0.009093	9.38E-02	0.091547	0.0057	2.26E-05	0.010031	0.107301
2798	490810.04	3859510.04	2.63149	4.17987	2.43908	4.79212	6.01E-02	0.00445	3.7E-05	0.01532	0.07986	7.94E-02	0.005889	2.99E-05	0.009512	9.49E-02	0.09201	0.005953	2.21E-05	0.010493	0.108478
2799	490860.04	3859510.04	2.63988	4.33861	2.40775	4.9595	6.02E-02	0.00462	3.6E-05	0.01586	0.08076	7.97E-02	0.006113	2.95E-05	0.009844	9.57E-02	0.092303	0.006179	2.18E-05	0.01086	0.109364
2800	490360.04	3859560.04	2.48046	4.01273	2.95467	4.8635	5.66E-02	0.00427	4.5E-05	0.01555	0.07647	7.49E-02	0.005654	3.62E-05	0.009654	9.02E-02	0.086729	0.005715	2.67E-05	0.010649	0.10312
2801	490410.04	3859560.04	2.40599	3.8375	2.90377	4.58535	5.49E-02	0.00409	4.4E-05	0.01466	0.0737	7.26E-02	0.005407	3.55E-05	0.009101	8.72E-02	0.084125	0.005465	2.63E-05	0.01004	0.099657
2802	490460.04	3859560.04	2.36035	3.64783	2.83562	4.29203	5.39E-02	0.00389	4.3E-05	0.01372	0.07152	7.12E-02	0.00514	3.47E-05	0.008519	8.49E-02	0.08253	0.005195	2.57E-05	0.009398	0.097148

2803	490510.04	3859560.04	2.36737	3.4506	2.75379	4.06052	5.40E-02	0.00368	4.2E-05	0.01298	0.07072	7.14E-02	0.004862	3.37E-05	0.00806	8.44E-02	0.082775	0.004914	2.49E-05	0.008891	0.096605
2804	490560.04	3859560.04	2.35598	3.23739	2.65107	3.91877	5.38E-02	0.00345	4E-05	0.01253	0.06978	7.11E-02	0.004561	3.24E-05	0.007778	8.35E-02	0.082377	0.004611	2.4E-05	0.008581	0.095592
2805	490610.04	3859560.04	2.40627	3.1134	2.53877	3.83511	5.49E-02	0.00332	3.8E-05	0.01226	0.07053	7.26E-02	0.004387	3.11E-05	0.007612	8.47E-02	0.084135	0.004434	2.3E-05	0.008398	0.09699
2806	490660.04	3859560.04	2.45118	3.08875	2.52987	3.71479	5.59E-02	0.00329	3.8E-05	0.01188	0.07114	7.40E-02	0.004352	3.1E-05	0.007373	8.57E-02	0.085705	0.004399	2.29E-05	0.008134	0.098261
2807	490710.04	3859560.04	2.48862	3.32576	2.52203	3.77844	5.68E-02	0.00354	3.8E-05	0.01208	0.07245	7.51E-02	0.004686	3.09E-05	0.0075	8.73E-02	0.087014	0.004736	2.28E-05	0.008274	0.100047
2808	490760.04	3859560.04	2.51931	3.55608	2.50158	4.03359	5.75E-02	0.00379	3.8E-05	0.0129	0.07421	7.60E-02	0.00501	3.06E-05	0.008006	8.91E-02	0.088088	0.005064	2.26E-05	0.008832	0.102007
2809	490810.04	3859560.04	2.54406	3.76312	2.46416	4.28067	5.81E-02	0.00401	3.7E-05	0.01369	0.07579	7.68E-02	0.005302	3.02E-05	0.008497	9.06E-02	0.088953	0.005359	2.23E-05	0.009373	0.103708
2810	490860.04	3859560.04	2.56249	3.95334	2.41511	4.49731	5.85E-02	0.00421	3.6E-05	0.01438	0.0771	7.73E-02	0.00557	2.96E-05	0.008927	9.19E-02	0.089597	0.00563	2.18E-05	0.009848	0.105097
2811	490187.25	3859422.08	2.693	4.24175	3.15397	5.11284	6.15E-02	0.00452	4.8E-05	0.01635	0.08237	8.13E-02	0.005976	3.86E-05	0.010148	9.74E-02	0.094161	0.006041	2.85E-05	0.011195	0.111425
2812	490237.25	3859422.08	2.61474	4.03666	3.0906	4.78513	5.97E-02	0.0043	4.7E-05	0.0153	0.07932	7.89E-02	0.005687	3.78E-05	0.009498	9.41E-02	0.091424	0.005749	2.8E-05	0.010478	0.107679
2813	490287.25	3859422.08	2.58565	3.8142	3.00574	4.53693	5.90E-02	0.00406	4.5E-05	0.0145	0.07762	7.80E-02	0.005374	3.68E-05	0.009005	9.25E-02	0.090407	0.005432	2.72E-05	0.009934	0.105801
2814	490337.25	3859422.08	2.6103	3.58324	2.90441	4.26516	5.96E-02	0.00382	4.4E-05	0.01364	0.07707	7.88E-02	0.005049	3.55E-05	0.008466	9.23E-02	0.091269	0.005103	2.63E-05	0.009339	0.105738
2815	490187.25	3859472.08	2.73165	4.37348	3.12573	5.37838	6.23E-02	0.00466	4.7E-05	0.01719	0.08424	8.24E-02	0.006162	3.83E-05	0.010676	9.93E-02	0.095512	0.006228	2.83E-05	0.011777	0.113546
2816	490237.25	3859472.08	2.6329	4.20516	3.09262	5.09598	6.01E-02	0.00448	4.7E-05	0.01629	0.0809	7.95E-02	0.005925	3.79E-05	0.010115	9.55E-02	0.092059	0.005989	2.8E-05	0.011158	0.109234
2817	490287.25	3859472.08	2.55871	4.02159	3.04245	4.79122	5.84E-02	0.00428	4.6E-05	0.01532	0.07804	7.72E-02	0.005666	3.72E-05	0.00951	9.24E-02	0.089465	0.005727	2.75E-05	0.010491	0.105711
2818	490337.25	3859472.08	2.51602	3.81031	2.96596	4.47318	5.74E-02	0.00406	4.5E-05	0.0143	0.07582	7.59E-02	0.005368	3.63E-05	0.008879	9.02E-02	0.087972	0.005426	2.68E-05	0.009795	0.103221
2819	490297.07	3859500.42	2.54188	4.07377	3.03113	4.9018	5.80E-02	0.00434	4.6E-05	0.01567	0.07806	7.67E-02	0.00574	3.71E-05	0.00973	9.22E-02	0.088877	0.005802	2.74E-05	0.010733	0.105439
2820	490327.07	3859500.42	2.49495	3.9543	2.99294	4.72256	5.69E-02	0.00421	4.5E-05	0.0151	0.07629	7.53E-02	0.005571	3.66E-05	0.009374	9.03E-02	0.087236	0.005632	2.71E-05	0.010341	0.103235
2821	490297.07	3859530.42	2.55906	4.14437	3.01464	5.05853	5.84E-02	0.00442	4.5E-05	0.01617	0.07903	7.72E-02	0.005839	3.69E-05	0.010041	9.32E-02	0.089477	0.005902	2.73E-05	0.011076	0.106483
2822	490327.07	3859530.42	2.50733	4.04589	2.992	4.89329	5.72E-02	0.00431	4.5E-05	0.01564	0.07722	7.57E-02	0.0057	3.66E-05	0.009713	9.11E-02	0.087669	0.005762	2.71E-05	0.010715	0.104172
2823	490319.73	3859055.34	3.19586	6.05459	3.10273	6.83108	7.29E-02	0.00645	4.7E-05	0.02184	0.10127	9.65E-02	0.008531	3.8E-05	0.013559	1.19E-01	0.111743	0.008623	2.81E-05	0.014958	0.135352
2824	490319.73	3859105.34	3.12475	5.8505	3.02371	6.68216	7.13E-02	0.00623	4.6E-05	0.02136	0.09895	9.43E-02	0.008243	3.7E-05	0.013263	1.16E-01	0.109257	0.008332	2.74E-05	0.014632	0.132248
2825	490069.73	3859155.34	3.01237	4.3705	3.09623	5.37387	6.87E-02	0.00466	4.7E-05	0.01718	0.09063	9.09E-02	0.006158	3.79E-05	0.010667	1.08E-01	0.105327	0.006224	2.8E-05	0.011767	0.123347
2826	490119.73	3859155.34	3.01363	4.65214	3.07054	5.67987	6.88E-02	0.00496	4.6E-05	0.01816	0.09193	9.10E-02	0.006555	3.76E-05	0.011274	1.09E-01	0.105371	0.006625	2.78E-05	0.012437	0.124462
2827	490269.73	3859155.34	3.03664	5.32468	2.87575	6.31417	6.93E-02	0.00567	4.3E-05	0.02019	0.0952	9.16E-02	0.007502	3.52E-05	0.012533	1.12E-01	0.106176	0.007583	2.6E-05	0.013826	0.127611
2828	490319.73	3859155.34	3.04974	5.5114	2.87152	6.40744	6.96E-02	0.00587	4.3E-05	0.02048	0.096	9.20E-02	0.007765	3.51E-05	0.012718	1.13E-01	0.106634	0.007849	2.6E-05	0.01403	0.128539
2829	490069.73	3859205.34	2.95547	3.75514	3.11866	4.60416	6.74E-02	0.004	4.7E-05	0.01472	0.08621	8.92E-02	0.005291	3.82E-05	0.009139	1.04E-01	0.103338	0.005348	2.82E-05	0.010082	0.118795
2830	490119.73	3859205.34	2.95085	4.00754	3.00279	4.9616	6.73E-02	0.00427	4.5E-05	0.01586	0.08752	8.91E-02	0.005646	3.68E-05	0.009848	1.05E-01	0.103176	0.005707	2.72E-05	0.010864	0.119775
2831	490169.73	3859205.34	2.94973	4.29811	2.99303	5.27909	6.73E-02	0.00458	4.5E-05	0.01688	0.08882	8.90E-02	0.006056	3.66E-05	0.010478	1.06E-01	0.103137	0.006121	2.71E-05	0.011559	0.120845
2832	490219.73	3859205.34	2.95855	4.58872	2.97016	5.55904	6.75E-02	0.00489	4.5E-05	0.01777	0.09022	8.93E-02	0.006465	3.64E-05	0.011034	1.07E-01	0.103446	0.006535	2.69E-05	0.012172	0.12218
2833	490269.73	3859205.34	2.97122	4.86806	2.93191	5.78571	6.78E-02	0.00519	4.4E-05	0.0185	0.09153	8.97E-02	0.006859	3.59E-05	0.011484	1.08E-01	0.103889	0.006933	2.65E-05	0.012669	0.123517
2834	490319.73	3859205.34	2.97941	5.08736	2.86464	5.97218	6.80E-02	0.00542	4.3E-05	0.01909	0.09255	8.99E-02	0.007168	3.51E-05	0.011854	1.09E-01	0.104175	0.007245	2.59E-05	0.013077	0.124523
2835	490069.73	3859255.34	2.8965	4.04638	3.23484	4.77892	6.61E-02	0.00431	4.9E-05	0.01528	0.08574	8.74E-02	0.005701	3.96E-05	0.009486	1.03E-01	0.101276	0.005763	2.93E-05	0.010464	0.117532
2836	490119.73	3859255.34	2.8954	3.754	3.09732	4.54799	6.61E-02	0.004	4.7E-05	0.01454	0.08466	8.74E-02	0.005289	3.79E-05	0.009027	1.02E-01	0.101237	0.005346	2.8E-05	0.009959	0.11657
2837	490169.73	3859255.34	2.88846	3.70713	2.94887	4.54188	6.59E-02	0.00395	4.4E-05	0.01452	0.08443	8.72E-02	0.005223	3.61E-05	0.009015	1.01E-01	0.100995	0.005279	2.67E-05	0.009945	0.116246
2838	490219.73	3859255.34	2.89632	4.01677	2.93734	4.86253	6.61E-02	0.00428	4.4E-05	0.01555	0.08597	8.74E-02	0.005659	3.6E-05	0.009652	1.03E-01	0.10127	0.00572	2.66E-05	0.010647	0.117664
2839	490269.73	3859255.34	2.90505	4.31369	2.92663	5.15314	6.63E-02	0.0046	4.4E-05	0.01647	0.08741	8.77E-02	0.006078	3.58E-05	0.010228	1.04E-01	0.101575	0.006143	2.65E-05	0.011284	0.119028
2840	490319.73	3859255.34	2.9104	4.5758	2.89016	5.41453	6.64E-02	0.00487	4.4E-05	0.01731	0.08865	8.78E-02	0.006447	3.54E-05	0.010747	1.05E-01	0.101762	0.006517	2.61E-05	0.011856	0.120161
2841	490069.73	3859305.34	2.88024	4.31646	3.29737	5.11512	6.57E-02	0.0046	5E-05	0.01635	0.08673	8.69E-02	0.006082	4.04E-05	0.010153	1.03E-01	0.100707	0.006147	2.98E-05	0.0112	0.118085
2842	490119.73	3859305.34	2.7683	4.04898	3.19303	4.73944	6.32E-02	0.00431	4.8E-05	0.01515	0.08269	8.35E-02	0.005705	3.91E-05	0.009407	9.87E-02	0.096793	0.005766	2.89E-05	0.010378	0.112966
2843	490169.73	3859305.34	2.81116	3.78168	3.07511	4.49103	6.42E-02	0.00403	4.6E-05	0.01436	0.08259	8.48E-02	0.005328	3.76E-05	0.008914	9.91E-02	0.098292	0.005386	2.78E-05	0.009834	0.113539
2844	490219.73	3859305.34	2.82394	3.56173	2.94576	4.3806	6.44E-02	0.00379	4.4E-05	0.014	0.08229	8.52E-02	0.005018	3.61E-05	0.008695	9.90E-02	0.098739	0.005072	2.66E-05	0.009592	0.11343
2845	490269.73	3859305.34	2.8345	3.72938	2.87114	4.45109	6.47E-02	0.00397	4.3E-05	0.01423	0.08293	8.55E-02	0.005254	3.51E-05	0.008835	9.97E-02	0.099108	0.005311	2.6E-05	0.009746	0.114192
2846	490319.73	3859305.34	2.84392	4.02728	2.8713	4.74909	6.49E-02	0.00429	4.3E-05	0.01518	0.08442	8.58E-02	0.005674	3.51E-05	0.009426	1.01E-01	0.099438	0.005735	2.6E-05	0.010399	0.115598
2847	490069.73	3859355.34	2.90169	4.508	3.29851	5.46412	6.62E-02	0.0048	5E-05	0.01747	0.08854	8.76E-02	0.006351	4.04E-05	0.010846	1.05E-01	0.101457	0.00642	2.98E-05	0.011965	0.119872
2848	490119.73	3859355.34	2.77976	4.27925	3.23098	5.12374	6.34E-02	0.00456	4.9E-05	0.01638	0.08442	8.39E-02	0.006029	3.95E-05	0.01017	1.00E-01	0.097194	0.006094	2.92E-05	0.011219	0.114537
2849	490169.73	3859355.34	2.68826	4.04394	3.14805	4.76895	6.13E-02	0.00431	4.7E-05	0.01525	0.08095	8.11E-02	0.005698	3.85E-05	0.009466	9.63E-02	0.093995	0.005759	2.85E-05	0.010442	0.110225
2850	490219.73	3859355.34	2.71657	3.80535	3.0507	4.4783	6.20E-02	0.00405	4.6E-05	0.01432	0.08041	8.20E-02	0.005361	3.73E-05	0.008889	9.63E-02	0.094985	0.005419	2.76E-05	0.009806	0.110238
2851	490269.73	3859355.34	2.74244	3.55373	2.93208	4.34005	6.26E-02	0.00379	4.4E-05	0.01388	0.08029	8.28E-02	0.005007	3.59E-05	0.008615	9.64E-02	0.095889	0.005061	2.65E-05	0.009503	0.11048
2852	490319.73	3859355.34	2.76243	3.45135	2.80138	4.21679	6.30E-02	0.00368	4.2E-05	0.01348	0.08024	8.34E-02	0.004863	3.43E-05	0.00837	9.66E-02	0.096588	0.004915	2.53E-05	0.009233	0.110762
2853	490069.73	3859405.34	2.9358	4.62402	3.24938	5.7225	6.70E-02	0.00493	4.9E-05	0.01829	0.09027	8.86E-02	0.006515	3.98E-05	0.011359	1.07E-01	0.10265	0.006585	2.94E-05	0.01253	0.121795
2854	490119.73	3859405.34	2.82141	4.44711	3.22048	5.43617	6.44E-02	0.00474	4.9E-05	0.01738	0.08655	8.52E-02	0.006266	3.94E-05	0.01079	1.02E-01	0.09865	0.006333	2.91E-05	0.011903	0.116916
2855	490169.73	3859405.34	2.71492	4.25464	3.1743	5.12138	6.20E-02	0.00453	4.8E-05	0.01637	0.08291	8.19E-02	0.005995	3.89E-05	0.010165	9.81E-02	0.094927	0.006059	2.87E-05	0.011214	0.112229
2856	490219.73	3859405.34	2.62918	4.04181	3.10618	4.78662	6.00E-02	0.00431	4.7E-05	0.0153	0.07966	7.94E-02	0.005695	3.8E-05	0.009501	9.46E-02	0.091929	0.005756	2.81E-05	0.010481	0.108194
2857	490269.73	3859405.34	2.60428	3.81894	3.02073	4.53166	5.94E-02	0.00407	4.6E-05	0.01449	0.07803	7.86E-02	0.005381	3.7E-05	0.008995	9.30E-02	0.091059	0.005439	2.73E-05	0.009923	0.106447
2858	490319.73	3859405.34	2.64747	3.58391	2.91607	4.29561	6.04E-02	0.00382	4.4E-05	0.01373	0.07801	7.99E-02	0.00505	3.57E-05	0.008526	9.35E-02	0.092569	0.005104	2.64E-05	0.009406	0.107105
2859	490161.89	3859541.83	2.80611	4.48386	3.00699	5.67383	6.40E-02	0.00478	4.5E-05	0.01814	0.087	8.47E-02	0.006317	3.68E-05	0.011262	1.02E-01	0.098115	0.006386	2.72E-05	0.012424	0.116952
2860	490171.89	3859541.83	2.78889	4.46936	3.01259	5.64251	6.36E-02	0.00476	4.5E-05	0.01804	0.08649	8.42E-02	0.006297	3.69E-05	0.0112	1.02E-01	0.097513	0.006365	2.73E-05	0.012355	0.116261
2861	490161.89	3859551.83	2.80773	4.47977	2.98439	5.68016	6.41E-02	0.00477	4.5E-05	0.01816	0.08705	8.47E-02	0.006312	3.65E-05	0.011275	1.02E-01	0.098172	0.00638	2.7E-05	0.012438	0.117017
2862	490171.89	3859551.83	2.7904	4.46582	2.99058	5.6522	6.37E-02	0.00476	4.5E-05	0.01807	0.08655	8.42E-02	0.006292	3.66E-05	0.011219	1.02E-01	0.097566	0.00636	2.71E-05	0.012376	0.11633
2863	489799.72	3859348.21	3.58029	5.14997	3.22935	6.60007	8.17E-02	0.00549	4.9E-05	0.0211	0.10834	1.08E-01	0.007256	3.95E-05	0.0131	1.28E-01	0.125185	0.007334	2.92E-05	0.014452	0.147

2864	489819.72	3859348.21	3.52713	5.14365	3.26003	6.57589	8.05E-02	0.00548	4.9E-05	0.02102	0.10704	1.06E-01	0.007247	3.99E-05	0.013052	1.27E-01	0.123326	0.007325	2.95E-05	0.014399	0.14508
2865	489799.72	3859368.21	3.58048	5.08278	3.14878	6.52908	8.17E-02	0.00541	4.7E-05	0.02087	0.10805	1.08E-01	0.007161	3.85E-05	0.01296	1.28E-01	0.125191	0.007239	2.85E-05	0.014297	0.146755
2866	489819.72	3859368.21	3.53074	5.09027	3.1858	6.52255	8.06E-02	0.00542	4.8E-05	0.02085	0.1069	1.07E-01	0.007172	3.9E-05	0.012947	1.27E-01	0.123452	0.007249	2.88E-05	0.014282	0.145012
2867	489775.41	3859329.72	3.64071	5.20117	3.25791	6.67843	8.31E-02	0.00554	4.9E-05	0.02135	0.11003	1.10E-01	0.007328	3.99E-05	0.013256	1.31E-01	0.127297	0.007407	2.95E-05	0.014624	0.149357
2868	489795.41	3859329.72	3.58599	5.19601	3.28986	6.65318	8.18E-02	0.00554	5E-05	0.02127	0.10869	1.08E-01	0.007321	4.03E-05	0.013206	1.29E-01	0.125384	0.0074	2.98E-05	0.014568	0.147382
2869	489775.41	3859349.72	3.6435	5.13801	3.18379	6.60604	8.31E-02	0.00547	4.8E-05	0.02112	0.10979	1.10E-01	0.007239	3.9E-05	0.013112	1.30E-01	0.127395	0.007317	2.88E-05	0.014465	0.149206
2870	489795.41	3859349.72	3.59187	5.14563	3.21623	6.59893	8.20E-02	0.00548	4.8E-05	0.0211	0.1086	1.08E-01	0.00725	3.94E-05	0.013098	1.29E-01	0.12559	0.007328	2.91E-05	0.014449	0.147396
2871	489595.05	3859219.43	4.17882	5.53846	3.46972	7.19735	9.54E-02	0.0059	5.2E-05	0.02301	0.12433	1.26E-01	0.007803	4.25E-05	0.014286	1.48E-01	0.146112	0.007888	3.14E-05	0.01576	0.169791
2872	489615.05	3859219.43	4.10943	5.55378	3.43672	7.19227	9.38E-02	0.00592	5.2E-05	0.02299	0.12274	1.24E-01	0.007825	4.21E-05	0.014276	1.46E-01	0.143686	0.007909	3.11E-05	0.015749	0.167375
2873	489595.05	3859239.43	4.18074	5.57984	3.4678	7.08077	9.54E-02	0.00594	5.2E-05	0.02264	0.12404	1.26E-01	0.007862	4.24E-05	0.014055	1.48E-01	0.146179	0.007947	3.14E-05	0.015505	0.169662
2874	489615.05	3859239.43	4.11465	5.49061	3.43824	7.09805	9.39E-02	0.00585	5.2E-05	0.02269	0.12249	1.24E-01	0.007736	4.21E-05	0.014089	1.46E-01	0.143869	0.007819	3.11E-05	0.015542	0.167261
2875	489372.4	3859092.58	5.12129	6.37095	3.87065	8.24026	1.17E-01	0.00679	5.8E-05	0.02634	0.15006	1.55E-01	0.008976	4.74E-05	0.016356	1.80E-01	0.179066	0.009073	3.5E-05	0.018043	0.206217
2876	489422.4	3859092.58	4.85458	6.09339	3.77962	7.87126	1.11E-01	0.00649	5.7E-05	0.02516	0.1425	1.47E-01	0.008585	4.63E-05	0.015624	1.71E-01	0.16974	0.008678	3.42E-05	0.017235	0.195688
2877	489372.4	3859142.58	5.1189	6.44913	3.84212	8.36144	1.17E-01	0.00687	5.8E-05	0.02673	0.15048	1.54E-01	0.009086	4.7E-05	0.016597	1.80E-01	0.178982	0.009185	3.48E-05	0.018309	0.20651
2878	489422.4	3859142.58	4.87332	6.21203	3.76794	7.99877	1.11E-01	0.00662	5.7E-05	0.02557	0.14346	1.47E-01	0.008752	4.61E-05	0.015877	1.72E-01	0.170395	0.008847	3.41E-05	0.017515	0.196791
2879	488870.84	3858666.64	6.73757	8.61458	5.12734	12.23881	1.54E-01	0.00918	7.7E-05	0.03913	0.20214	2.03E-01	0.012137	6.28E-05	0.024293	2.40E-01	0.235579	0.012268	4.64E-05	0.026799	0.274692
2880	488900.84	3858666.64	6.52212	8.31226	5.02864	11.70742	1.49E-01	0.00886	7.6E-05	0.03743	0.1952	1.97E-01	0.011711	6.15E-05	0.023238	2.32E-01	0.228046	0.011838	4.55E-05	0.025635	0.265564
2881	488870.84	3858696.64	7.02839	8.73751	5.11559	12.42543	1.60E-01	0.00931	7.7E-05	0.03972	0.2095	2.12E-01	0.012311	6.26E-05	0.024663	2.49E-01	0.245747	0.012443	4.63E-05	0.027208	0.285445
2882	488900.84	3858696.64	6.73703	8.45954	5.03219	11.91963	1.54E-01	0.00901	7.6E-05	0.03811	0.20094	2.03E-01	0.011919	6.16E-05	0.023659	2.39E-01	0.23556	0.012048	4.55E-05	0.0261	0.273753
2883	488889.67	3858683.97	6.7259	8.51351	5.06912	12.02559	1.53E-01	0.00907	7.6E-05	0.03845	0.20108	2.03E-01	0.011995	6.2E-05	0.02387	2.39E-01	0.235171	0.012124	4.59E-05	0.026332	0.273673
2884	488919.67	3858683.97	6.50708	8.21362	4.97075	11.51128	1.48E-01	0.00875	7.5E-05	0.0368	0.19412	1.96E-01	0.011572	6.08E-05	0.022849	2.31E-01	0.22752	0.011697	4.5E-05	0.025206	0.264468
2885	488889.67	3858713.97	7.02101	8.63073	5.05608	12.20666	1.60E-01	0.00919	7.6E-05	0.03903	0.20852	2.12E-01	0.01216	6.19E-05	0.024229	2.48E-01	0.245489	0.012291	4.57E-05	0.026729	0.284555
2886	488919.67	3858713.97	6.72618	8.3595	4.97467	11.71907	1.53E-01	0.00891	7.5E-05	0.03747	0.19994	2.03E-01	0.011778	6.09E-05	0.023261	2.38E-01	0.235181	0.011905	4.5E-05	0.025661	0.272792
2887	488906.61	3858703.33	6.74433	8.43293	5.01339	11.86616	1.54E-01	0.00898	7.6E-05	0.03794	0.20091	2.04E-01	0.011881	6.14E-05	0.023553	2.39E-01	0.235815	0.01201	4.54E-05	0.025983	0.273853
2888	488936.61	3858703.33	6.52099	8.15378	4.92473	11.36873	1.49E-01	0.00869	7.4E-05	0.03635	0.19392	1.97E-01	0.011488	6.03E-05	0.022566	2.31E-01	0.228006	0.011612	4.46E-05	0.024894	0.264556
2889	488906.61	3858733.33	7.07187	8.56173	5.007	12.03685	1.61E-01	0.00912	7.5E-05	0.03848	0.20906	2.13E-01	0.012063	6.13E-05	0.023892	2.49E-01	0.247268	0.012193	4.53E-05	0.026357	0.285863
2890	488936.61	3858733.33	6.74852	8.29444	4.92665	11.56707	1.54E-01	0.00884	7.4E-05	0.03698	0.1999	2.04E-01	0.011686	6.03E-05	0.022959	2.38E-01	0.235962	0.011812	4.46E-05	0.025328	0.273147
2891	488637.63	3858467.85	7.04564	10.22628	5.97486	15.9398	1.61E-01	0.01089	9E-05	0.05096	0.22273	2.13E-01	0.014408	7.31E-05	0.031639	2.59E-01	0.24635	0.014564	5.41E-05	0.034903	0.295871
2892	488662.63	3858467.85	6.86037	9.86843	5.85367	15.24029	1.57E-01	0.01051	8.8E-05	0.04872	0.21588	2.07E-01	0.013904	7.16E-05	0.03025	2.51E-01	0.239872	0.014054	5.3E-05	0.033371	0.287351
2893	488637.63	3858492.85	7.31674	10.37	5.96816	16.13289	1.67E-01	0.01105	9E-05	0.05158	0.22969	2.21E-01	0.014611	7.3E-05	0.032022	2.68E-01	0.255829	0.014768	5.4E-05	0.035326	0.305977
2894	488662.63	3858492.85	7.02686	10.0337	5.86517	15.46709	1.60E-01	0.01069	8.8E-05	0.04945	0.22059	2.12E-01	0.014137	7.18E-05	0.030701	2.57E-01	0.245694	0.014289	5.31E-05	0.033868	0.293904
2895	488687.63	3858492.85	6.85022	9.70704	5.75911	14.80739	1.56E-01	0.01034	8.7E-05	0.04734	0.2141	2.07E-01	0.013677	7.05E-05	0.029391	2.50E-01	0.239518	0.013824	5.21E-05	0.032423	0.285817
2896	488637.63	3858517.85	7.62811	10.47394	5.93939	16.27673	1.74E-01	0.01116	9E-05	0.05204	0.23736	2.30E-01	0.014757	7.27E-05	0.032308	2.77E-01	0.266716	0.014916	5.37E-05	0.035641	0.317327
2897	488662.63	3858517.85	7.30807	10.16657	5.85445	15.6485	1.67E-01	0.01083	8.8E-05	0.05003	0.22772	2.21E-01	0.014324	7.17E-05	0.031061	2.66E-01	0.255526	0.014479	5.3E-05	0.034265	0.304323
2898	488687.63	3858517.85	7.01415	9.84894	5.75904	15.02318	1.60E-01	0.01049	8.7E-05	0.04803	0.21868	2.12E-01	0.013877	7.05E-05	0.029819	2.55E-01	0.245249	0.014026	5.21E-05	0.032896	0.292224
2899	488194.42	3857168.98	7.04858	35.99037	9.73077	9.15817	1.61E-01	0.03834	0.00015	0.02928	0.22862	2.13E-01	0.050708	0.000119	0.018178	2.82E-01	0.246453	0.051256	8.8E-05	0.020053	0.31785
2900	488244.42	3857168.98	6.85234	33.615	9.38631	9.44531	1.56E-01	0.03581	0.00014	0.0302	0.22253	2.07E-01	0.047361	0.000115	0.018748	2.73E-01	0.239592	0.047873	8.49E-05	0.020682	0.308231
2901	488294.42	3857168.98	6.68571	31.6348	9.09677	9.55063	1.53E-01	0.0337	0.00014	0.03053	0.21695	2.02E-01	0.044571	0.000111	0.018957	2.65E-01	0.233765	0.045053	8.23E-05	0.020913	0.299813
2902	488244.42	3857218.98	6.85765	35.83068	9.09462	9.59016	1.56E-01	0.03817	0.00014	0.03066	0.22547	2.07E-01	0.050483	0.000111	0.019035	2.77E-01	0.239777	0.051028	8.23E-05	0.020999	0.311887
2903	488294.42	3857218.98	6.68678	33.64452	8.80007	9.75732	1.53E-01	0.03584	0.00013	0.03119	0.21977	2.02E-01	0.047403	0.000108	0.019367	2.69E-01	0.233803	0.047915	7.96E-05	0.021365	0.303162
2904	488294.42	3857268.98	6.69641	34.44645	8.69144	10.04504	1.53E-01	0.0367	0.00013	0.03211	0.22176	2.02E-01	0.048533	0.000106	0.019938	2.71E-01	0.23414	0.049057	7.86E-05	0.021995	0.30527
2905	488139.13	3857111.68	7.31266	33.98447	10.3402	8.78413	1.67E-01	0.03621	0.00016	0.02808	0.23132	2.21E-01	0.047882	0.000127	0.017436	2.86E-01	0.255687	0.048399	9.35E-05	0.019234	0.323413
2906	488189.13	3857111.68	7.09001	32.04213	9.94904	9.14901	1.62E-01	0.03414	0.00015	0.02925	0.22534	2.14E-01	0.045145	0.000122	0.01816	2.77E-01	0.247902	0.045633	9E-05	0.020033	0.313658
2907	488189.13	3857161.68	7.06883	35.77589	9.80304	9.13127	1.61E-01	0.03811	0.00015	0.02919	0.22877	2.13E-01	0.050406	0.00012	0.018125	2.82E-01	0.247161	0.05095	8.87E-05	0.019994	0.318194
2908	487951.04	3856961.26	8.40026	21.87531	11.76007	7.87048	1.92E-01	0.0233	0.00018	0.02516	0.24034	2.54E-01	0.030821	0.000144	0.015622	3.00E-01	0.293715	0.031154	0.000106	0.017234	0.342208
2909	488001.04	3856961.26	8.15332	21.57425	11.36895	8.01326	1.86E-01	0.02298	0.00017	0.02562	0.23484	2.46E-01	0.030397	0.000139	0.015905	2.93E-01	0.28508	0.030725	0.000103	0.017546	0.333454
2910	488051.04	3856961.26	7.9459	21.35624	11.04146	7.9624	1.81E-01	0.02275	0.00017	0.02546	0.22971	2.40E-01	0.03009	0.000135	0.015805	2.86E-01	0.277828	0.030414	9.99E-05	0.017435	0.325777
2911	488101.04	3856961.26	7.68854	20.6738	10.62567	8.36842	1.75E-01	0.02202	0.00016	0.02675	0.2244	2.32E-01	0.029128	0.00013	0.01661	2.78E-01	0.268829	0.029443	9.61E-05	0.018324	0.316692
2912	487951.04	3857011.26	8.30599	24.52951	11.80811	8.2	1.90E-01	0.02613	0.00018	0.02622	0.24208	2.51E-01	0.034561	0.000145	0.016276	3.02E-01	0.290418	0.034934	0.000107	0.017955	0.343414
2913	488001.04	3857011.26	8.09664	24.62226	11.44175	8.10989	1.85E-01	0.02623	0.00017	0.02593	0.2371	2.44E-01	0.034691	0.00014	0.016097	2.95E-01	0.283099	0.035066	0.000104	0.017758	0.336026
2914	488051.04	3857011.26	7.8919	24.61035	11.0864	8.08047	1.80E-01	0.02622	0.00017	0.02583	0.23232	2.38E-01	0.034674	0.000136	0.016039	2.89E-01	0.27594	0.035049	0.0001	0.017694	0.328782
2915	488101.04	3857011.26	7.63796	24.13624	10.65085	8.49288	1.74E-01	0.02571	0.00016	0.02715	0.22733	2.31E-01	0.034006	0.00013	0.016857	2.82E-01	0.267061	0.034374	9.64E-05	0.018597	0.320127
2916	488001.04	3857061.26	7.9659	30.88327	11.43415	8.31588	1.82E-01	0.0329	0.00017	0.02659	0.24145	2.40E-01	0.043513	0.00014	0.016506	3.01E-01	0.278527	0.043982	0.000103	0.018209	0.340822
2917	488051.04	3857061.26	7.75237	30.27779	11.03221	8.44984	1.77E-01	0.03226	0.00017	0.02701	0.23635	2.34E-01	0.042659	0.000135	0.016772	2.94E-01	0.271061	0.04312	9.98E-05	0.018502	0.332783
2918	488101.04	3857061.26	7.53254	29.47793	10.63628	8.66927	1.72E-01	0.0314	0.00016	0.02772	0.23118	2.27E-01	0.041533	0.00013	0.017208	2.86E-01	0.263375	0.041981	9.62E-05	0.018983	0.324435
2919	487638.98	3856673.79	10.29909	13.69296	14.42759	5.80229	2.35E-01	0.01459	0.00022	0.01855	0.26839	3.11E-01	0.019293	0.000177	0.011517	3.42E-01	0.360107	0.019501	0.000131	0.012705	0.392443
2920	487688.98	3856673.79	9.97984	14.49948	14.02287	5.94418	2.28E-01	0.01545	0.00021	0.019	0.26241	3.01E-01	0.020429	0.000172	0.011799	3.34E-01	0.348945	0.020649	0.000127	0.013016	0.382737
2921	487638.98	3856723.79	10.47045	16.126	14.87091	6.05522	2.39E-01	0.01718	0.00022	0.01936	0.27571	3.16E-01	0.022721	0.000182	0.012019	3.51E-01	0.366099	0.022966	0.000135	0.013259	0.402458
2922	487688.98	3856723.79	10.06876	17.04929	14.44491	6.17356	2.30E-01	0.01816	0.00022	0.01974	0.2679	3.04E-01	0.024021	0.000177	0.012254	3.40E-01	0.352054	0.024281	0.000131	0.013518	0.389983
2923	486324.61	3855740.57	9.67191	10.44861	12.78378	3.31469	2.21E-01	0.01113	0.00019	0.0106	0.24264	2.92E-01	0.014721	0.000156	0.006579	3.13E-01	0.338178	0.01488	0.000116	0.007258	0.360432
2924	486374.61	3855740.57	9.03534	8.87507	11.73954	3.14451	2.06E-01	0.00945	0.00018	0.01005	0.22588	2.73E-01	0.012504	0.000144	0.006242	2.92E-01	0.31592	0.012639	0.000106	0.006885	0.335551

2925	486424.61	3855740.57	8.68634	8.41607	11.15646	3.05835		1.98E-01	0.00897	0.00017	0.00978	0.21714		2.62E-01	0.011858	0.000137	0.006071	2.80E-01		0.303717	0.011986	0.000101	0.006697	0.322501
2926	486324.61	3855790.57	9.93366	12.21743	13.5041	3.46916		2.27E-01	0.01302	0.0002	0.01109	0.251		3.00E-01	0.017214	0.000165	0.006886	3.24E-01		0.34733	0.017399	0.000122	0.007596	0.372448
2927	486374.61	3855790.57	9.38592	10.9272	12.5784	3.29701		2.14E-01	0.01164	0.00019	0.01054	0.23657		2.83E-01	0.015396	0.000154	0.006544	3.05E-01		0.328178	0.015562	0.000114	0.007219	0.351073
2928	486424.61	3855790.57	9.12327	9.4767	12.07596	3.23041		2.08E-01	0.0101	0.00018	0.01033	0.22881		2.75E-01	0.013352	0.000148	0.006412	2.95E-01		0.318995	0.013496	0.000109	0.007074	0.339674
2929	486324.61	3855840.57	10.25766	13.44879	14.18104	3.69827		2.34E-01	0.01433	0.00021	0.01182	0.26045		3.10E-01	0.018948	0.000174	0.007341	3.36E-01		0.358659	0.019153	0.000128	0.008098	0.386038
2930	486374.61	3855840.57	9.95134	12.69296	13.6399	3.53579		2.27E-01	0.01352	0.00021	0.0113	0.25213		3.00E-01	0.017884	0.000167	0.007018	3.25E-01		0.347948	0.018077	0.000123	0.007742	0.37389
2931	486424.61	3855840.57	9.55735	11.43371	12.98902	3.42419		2.18E-01	0.01218	0.0002	0.01095	0.24143		2.88E-01	0.016109	0.000159	0.006797	3.12E-01		0.334172	0.016283	0.000118	0.007498	0.358071
2932	486324.61	3855890.57	10.8708	14.22188	15.23225	4.08999		2.48E-01	0.01515	0.00023	0.01308	0.27654		3.28E-01	0.020038	0.000186	0.008118	3.56E-01		0.380097	0.020254	0.000138	0.008956	0.409444
2933	486374.61	3855890.57	10.52522	13.84468	14.6353	3.82811		2.40E-01	0.01475	0.00022	0.01224	0.2674		3.18E-01	0.019506	0.000179	0.007598	3.45E-01		0.368014	0.019717	0.000132	0.008382	0.396245
2934	486424.61	3855890.57	10.04405	12.93314	13.90559	3.64177		2.29E-01	0.01378	0.00021	0.01164	0.25484		3.03E-01	0.018222	0.00017	0.007229	3.29E-01		0.35119	0.018419	0.000126	0.007974	0.377708
2935	488735.69	3858285.64	5.34802	10.30625	5.71974	13.66956		1.22E-01	0.01098	8.6E-05	0.0437	0.17681		1.61E-01	0.014521	7E-05	0.027133	2.03E-01		0.186993	0.014678	5.17E-05	0.029932	0.231654
2936	488765.69	3858285.64	5.21641	10.53622	5.45586	13.42722		1.19E-01	0.01122	8.2E-05	0.04293	0.17328		1.57E-01	0.014845	6.68E-05	0.026652	1.99E-01		0.182391	0.015005	4.94E-05	0.029401	0.226847
2937	488735.69	3858315.64	5.46865	9.45487	5.90395	13.3179		1.25E-01	0.01007	8.9E-05	0.04258	0.17754		1.65E-01	0.013321	7.23E-05	0.026435	2.05E-01		0.191211	0.013465	5.34E-05	0.029162	0.233891
2938	488765.69	3858315.64	5.30904	9.78474	5.68675	13.19919		1.21E-01	0.01042	8.6E-05	0.0422	0.17386		1.60E-01	0.013786	6.96E-05	0.026199	2.00E-01		0.18563	0.013935	5.14E-05	0.028902	0.228518
2939	478676.63	3849871.93	1.61468	2.12932	1.70478	2.29921		3.68E-02	0.00227	2.6E-05	0.00735	0.04649		4.87E-02	0.003	2.09E-05	0.004564	5.63E-02		0.056457	0.003032	1.54E-05	0.005035	0.06454
2940	479326.63	3849871.93	2.26998	2.71813	2.3687	2.04768		5.18E-02	0.0029	3.6E-05	0.00655	0.06128		6.85E-02	0.00383	2.9E-05	0.004064	7.64E-02		0.07937	0.003871	2.14E-05	0.004484	0.087746
2941	479376.63	3849871.93	2.37376	2.8343	2.39117	2.00744		5.42E-02	0.00302	3.6E-05	0.00642	0.06364		7.16E-02	0.003993	2.93E-05	0.003985	7.96E-02		0.082998	0.004036	2.16E-05	0.004396	0.091452
2942	479426.63	3849871.93	2.45894	2.93867	2.54171	1.93218		5.61E-02	0.00313	3.8E-05	0.00618	0.06546		7.42E-02	0.00414	3.11E-05	0.003835	8.22E-02		0.085977	0.004185	2.3E-05	0.004231	0.094416
2943	478726.63	3849921.93	1.61229	2.13996	1.68706	2.34575		3.68E-02	0.00228	2.5E-05	0.0075	0.0466		4.87E-02	0.003015	2.06E-05	0.004656	5.64E-02		0.056374	0.003048	1.53E-05	0.005136	0.064573
2944	478776.63	3849921.93	1.689	2.11028	1.70784	2.25709		3.85E-02	0.00225	2.6E-05	0.00722	0.04803		5.10E-02	0.002973	2.09E-05	0.00448	5.84E-02		0.059056	0.003005	1.55E-05	0.004942	0.067019
2945	478826.63	3849921.93	1.75998	2.21602	1.79526	2.13857		4.02E-02	0.00236	2.7E-05	0.00684	0.04939		5.31E-02	0.003122	2.2E-05	0.004245	6.05E-02		0.061538	0.003156	1.62E-05	0.004683	0.069393
2946	478976.63	3849921.93	1.89855	2.40009	2.16666	2.04053		4.33E-02	0.00256	3.3E-05	0.00652	0.05244		5.73E-02	0.003382	2.65E-05	0.00405	6.48E-02		0.066383	0.003418	1.96E-05	0.004468	0.074288
2947	479026.63	3849921.93	1.88903	2.38412	2.20647	2.19748		4.31E-02	0.00254	3.3E-05	0.00703	0.05271		5.70E-02	0.003359	2.7E-05	0.004362	6.48E-02		0.06605	0.003395	2E-05	0.004812	0.074277
2948	479076.63	3849921.93	1.87963	2.35782	2.24498	2.27851		4.29E-02	0.00251	3.4E-05	0.00728	0.05272		5.67E-02	0.003322	2.75E-05	0.004523	6.46E-02		0.065721	0.003358	2.03E-05	0.004989	0.074089
2949	479126.63	3849921.93	1.85629	2.30686	2.26068	2.29688		4.24E-02	0.00246	3.4E-05	0.00734	0.0522		5.60E-02	0.00325	2.77E-05	0.004559	6.39E-02		0.064905	0.003285	2.05E-05	0.005029	0.07324
2950	479176.63	3849921.93	1.84542	2.23892	2.22327	2.28377		4.21E-02	0.00239	3.4E-05	0.0073	0.05183		5.57E-02	0.003154	2.72E-05	0.004533	6.34E-02		0.064525	0.003189	2.01E-05	0.005001	0.072734
2951	479226.63	3849921.93	1.91923	2.31184	2.28096	2.12361		4.38E-02	0.00246	3.4E-05	0.00679	0.05308		5.79E-02	0.003257	2.79E-05	0.004215	6.54E-02		0.067106	0.003292	2.06E-05	0.00465	0.075069
2952	479276.63	3849921.93	2.05324	2.47037	2.41024	1.98861		4.69E-02	0.00263	3.6E-05	0.00636	0.05588		6.20E-02	0.003481	2.95E-05	0.003947	6.94E-02		0.071791	0.003518	2.18E-05	0.004354	0.079686
2953	479326.63	3849921.93	2.17857	2.6283	2.3492	2.18562		4.97E-02	0.0028	3.5E-05	0.00699	0.05954		6.58E-02	0.003703	2.88E-05	0.004338	7.38E-02		0.076174	0.003743	2.13E-05	0.004786	0.084724
2954	479376.63	3849921.93	2.29667	2.75761	2.38037	2.09286		5.24E-02	0.00294	3.6E-05	0.00669	0.06208		6.93E-02	0.003885	2.91E-05	0.004154	7.74E-02		0.080303	0.003927	2.15E-05	0.004583	0.088834
2955	479426.63	3849921.93	2.39772	2.8886	2.39685	2.1386		5.47E-02	0.00308	3.6E-05	0.00684	0.06467		7.24E-02	0.00407	2.93E-05	0.004245	8.07E-02		0.083836	0.004114	2.17E-05	0.004683	0.092654
2956	478726.63	3849971.93	1.52765	2.19652	1.688	2.4345		3.49E-02	0.00234	2.5E-05	0.00778	0.04501		4.61E-02	0.003095	2.07E-05	0.004832	5.41E-02		0.053414	0.003128	1.53E-05	0.005331	0.061888
2957	478776.63	3849971.93	1.61122	2.15399	1.67787	2.3879		3.68E-02	0.00229	2.5E-05	0.00763	0.04672		4.86E-02	0.003035	2.05E-05	0.00474	5.64E-02		0.056336	0.003068	1.52E-05	0.005229	0.064648
2958	478826.63	3849971.93	1.69266	2.11305	1.70211	2.29924		3.86E-02	0.00225	2.6E-05	0.00735	0.04826		5.11E-02	0.002977	2.08E-05	0.004564	5.86E-02		0.059184	0.003009	1.54E-05	0.005035	0.067243
2959	478976.63	3849971.93	1.83849	2.33759	2.00349	2.12567		4.20E-02	0.00249	3E-05	0.0068	0.05127		5.55E-02	0.003294	2.45E-05	0.004219	6.30E-02		0.064283	0.003329	1.81E-05	0.004655	0.072284
2960	479026.63	3849971.93	1.87224	2.38168	2.11673	2.1054		4.27E-02	0.00254	3.2E-05	0.00673	0.05203		5.65E-02	0.003356	2.59E-05	0.004179	6.41E-02		0.065463	0.003392	1.91E-05	0.00461	0.073484
2961	479076.63	3849971.93	1.88974	2.39531	2.20137	2.22626		4.31E-02	0.00255	3.3E-05	0.00712	0.05283		5.70E-02	0.003375	2.69E-05	0.004419	6.49E-02		0.066075	0.003411	1.99E-05	0.004875	0.074381
2962	479126.63	3849971.93	1.88348	2.37124	2.24178	2.31405		4.30E-02	0.00253	3.4E-05	0.0074	0.05294		5.68E-02	0.003341	2.74E-05	0.004593	6.48E-02		0.065856	0.003377	2.03E-05	0.005067	0.07432
2963	479176.63	3849971.93	1.85237	2.31532	2.24257	2.33903		4.23E-02	0.00247	3.4E-05	0.00748	0.05225		5.59E-02	0.003262	2.74E-05	0.004643	6.38E-02		0.064768	0.003297	2.03E-05	0.005122	0.073207
2964	479226.63	3849971.93	1.90622	2.30146	2.35133	2.13688		4.35E-02	0.00245	3.5E-05	0.00683	0.05282		5.75E-02	0.003243	2.88E-05	0.004241	6.50E-02		0.066651	0.003278	2.13E-05	0.004679	0.074629
2965	479276.63	3849971.93	1.94307	2.33929	2.28685	2.18848		4.43E-02	0.00249	3.4E-05	0.007	0.05387		5.86E-02	0.003296	2.8E-05	0.004344	6.63E-02		0.067939	0.003331	2.07E-05	0.004792	0.076084
2966	479326.63	3849971.93	2.06633	2.4967	2.27164	2.19954		4.72E-02	0.00266	3.4E-05	0.00703	0.05688		6.24E-02	0.003518	2.78E-05	0.004366	7.03E-02		0.072249	0.003556	2.06E-05	0.004816	0.080642
2967	479376.63	3849971.93	2.20406	2.6613	2.38689	2.17514		5.03E-02	0.00284	3.6E-05	0.00695	0.06012		6.65E-02	0.00375	2.92E-05	0.004317	7.46E-02		0.077065	0.00379	2.16E-05	0.004763	0.085639
2968	479426.63	3849971.93	2.31691	2.80212	2.34107	2.22954		5.29E-02	0.00299	3.5E-05	0.00713	0.06302		6.99E-02	0.003948	2.87E-05	0.004425	7.83E-02		0.081011	0.003991	2.12E-05	0.004882	0.089904
2969	478726.63	3850021.93	1.55295	2.2295	1.67503	2.46841		3.54E-02	0.00238	2.5E-05	0.00789	0.04573		4.69E-02	0.003141	2.05E-05	0.0049	5.49E-02		0.054299	0.003175	1.52E-05	0.005405	0.062894
2970	478776.63	3850021.93	1.53073	2.20915	1.68327	2.46835		3.49E-02	0.00235	2.5E-05	0.00789	0.0452		4.62E-02	0.003113	2.06E-05	0.004899	5.42E-02		0.053522	0.003146	1.52E-05	0.005405	0.062088
2971	478826.63	3850021.93	1.60952	2.16788	1.6716	2.42921		3.67E-02	0.00231	2.5E-05	0.00777	0.04683		4.86E-02	0.003054	2.05E-05	0.004822	5.65E-02		0.056277	0.003087	1.51E-05	0.005319	0.064698
2972	478976.63	3850021.93	1.79648	2.27686	1.87558	2.16247		4.10E-02	0.00243	2.8E-05	0.00691	0.05036		5.42E-02	0.003208	2.3E-05	0.004292	6.17E-02		0.062814	0.003243	1.7E-05	0.004735	0.070808
2973	478726.63	3850071.93	1.56241	2.23696	1.64927	2.44811		3.57E-02	0.00238	2.5E-05	0.00783	0.04589		4.72E-02	0.003152	2.02E-05	0.004859	5.52E-02		0.05463	0.003186	1.49E-05	0.005361	0.063191
2974	478776.63	3850071.93	1.54651	2.23034	1.64977	2.49923		3.53E-02	0.00238	2.5E-05	0.00799	0.04568		4.67E-02	0.003142	2.02E-05	0.004961	5.48E-02		0.054074	0.003176	1.49E-05	0.005472	0.062737
2975	478826.63	3850071.93	1.5236	2.21114	1.65748	2.50767		3.48E-02	0.00236	2.5E-05	0.00802	0.04517		4.60E-02	0.003115	2.03E-05	0.004977	5.41E-02		0.053273	0.003149	1.5E-05	0.005491	0.061928
2976	478876.63	3850071.93	1.60282	2.17148	1.64615	2.47602		3.66E-02	0.00231	2.5E-05	0.00792	0.04683		4.84E-02	0.003059	2.01E-05	0.004915	5.64E-02		0.056043	0.003093	1.49E-05	0.005422	0.064572
2977	478976.63	3850071.93	1.73581	2.18654	1.72786	2.30046		3.96E-02	0.00233	2.6E-05	0.00735	0.04932		5.24E-02	0.003081	2.11E-05	0.004566	6.01E-02		0.060692	0.003114	1.56E-05	0.005037	0.068859
2978	478726.63	3850121.93	1.56039	2.07244	1.70089	2.37396		3.56E-02	0.00221	2.6E-05	0.00759	0.04543		4.71E-02	0.00292	2.08E-05	0.004712	5.47E-02		0.054559	0.002951	1.54E-05	0.005198	0.062724
2979	478776.63	3850121.93	1.54753	2.08602	1.64583	2.47271		3.53E-02	0.00222	2.5E-05	0.00791	0.04547		4.67E-02	0.002939	2.01E-05	0.004908	5.46E-02		0.054109	0.002971	1.49E-05	0.005414	0.062509
2980	478826.63	3850121.93	1.53472	2.08948	1.62805	2.52977		3.50E-02	0.00223	2.5E-05	0.00809	0.04536		4.63E-02	0.002944	1.99E-05	0.005021	5.43E-02		0.053661	0.002976	1.47E-05	0.005539	0.062191
2981	478876.63	3850121.93	1.51526	2.08094	1.63909	2.54416		3.46E-02	0.00222	2.5E-05	0.00813	0.04495		4.57E-02	0.002932	2.01E-05	0.00505	5.37E-02		0.052981	0.002964	1.48E-05	0.005571	0.06153
2982	478976.63	3850121.93	1.65715	2.014	1.61722	2.46135		3.78E-02	0.00215	2.4E-05	0.00787	0.04786		5.00E-02	0.002838	1.98E-05	0.004886	5.78E-02		0.057942	0.002868	1.46E-05	0.00539	0.066215
2983	479026.63	3850121.93	1.71958	2.01455	1.70576	2.35734		3.92E-02	0.00215	2.6E-05	0.00754	0.04895		5.19E-02	0.002838	2.09E-05	0.004679	5.94E-02		0.060125	0.002869	1.54E-05	0.005162	0.068171
2984	479076.63	3850121.93	1.77737	2.26173	1.83301	2.22663		4.06E-02	0.00241	2.8E-05	0.00712	0.05012		5.36E-02	0.003187	2.24E-05	0.00442	6.13E-02		0.062146	0.003221	1.66E-05	0.004876	0.070259
2985	479126.63	3850121.93	1.82392	2.32805	1.94593	2.23609		4.16E-02	0.00248	2.9E-05	0.00715	0.05128		5.50E-02	0.00328	2.38E-05	0.004438	6.28E-02		0.063773	0.003315	1.76E-05	0.004896	0.072003

2986	478776.63	3850171.93	1.54859	2.08215	1.69349	2.38979		3.53E-02	0.00222	2.6E-05	0.00764	0.04522		4.67E-02	0.002934	2.07E-05	0.004743	5.44E-02		0.054146	0.002965	1.53E-05	0.005233	0.06236
2987	478826.63	3850171.93	1.54567	2.09983	1.65005	2.49186		3.53E-02	0.00224	2.5E-05	0.00797	0.0455		4.66E-02	0.002959	2.02E-05	0.004946	5.46E-02		0.054044	0.00299	1.49E-05	0.005456	0.062506
2988	478876.63	3850171.93	1.53344	2.10484	1.61461	2.55597		3.50E-02	0.00224	2.4E-05	0.00817	0.04543		4.63E-02	0.002966	1.98E-05	0.005073	5.43E-02		0.053617	0.002998	1.46E-05	0.005597	0.062226
2989	478976.63	3850171.93	1.57382	2.06518	1.58568	2.57178		3.59E-02	0.0022	2.4E-05	0.00822	0.04636		4.75E-02	0.00291	1.94E-05	0.005105	5.55E-02		0.055029	0.002941	1.43E-05	0.005631	0.063615
2990	479026.63	3850171.93	1.64228	2.02521	1.58068	2.51699		3.75E-02	0.00216	2.4E-05	0.00805	0.04771		4.96E-02	0.002853	1.93E-05	0.004996	5.74E-02		0.057422	0.002884	1.43E-05	0.005511	0.065832
2991	479076.63	3850171.93	1.70913	2.02784	1.68731	2.41172		3.90E-02	0.00216	2.5E-05	0.00771	0.0489		5.16E-02	0.002857	2.07E-05	0.004787	5.92E-02		0.05976	0.002888	1.53E-05	0.005281	0.067944
2992	479126.63	3850171.93	1.76364	2.10069	1.80558	2.27268		4.02E-02	0.00224	2.7E-05	0.00727	0.04978		5.32E-02	0.00296	2.21E-05	0.004511	6.07E-02		0.061666	0.002992	1.63E-05	0.004976	0.06965
2993	479176.63	3850171.93	1.79623	2.15623	1.90076	2.28567		4.10E-02	0.0023	2.9E-05	0.00731	0.05062		5.42E-02	0.003038	2.33E-05	0.004537	6.18E-02		0.062805	0.003071	1.72E-05	0.005005	0.070898
2994	479226.63	3850171.93	1.79064	2.18664	1.94061	2.27934		4.09E-02	0.00233	2.9E-05	0.00729	0.05051		5.40E-02	0.003081	2.38E-05	0.004524	6.17E-02		0.06261	0.003114	1.76E-05	0.004991	0.070732
2995	479276.63	3850171.93	1.76689	2.1921	1.9491	2.47683		4.03E-02	0.00234	2.9E-05	0.00792	0.05061		5.33E-02	0.003089	2.39E-05	0.004916	6.14E-02		0.061779	0.003122	1.76E-05	0.005423	0.070342
2996	479326.63	3850171.93	1.77695	2.20188	2.01485	2.58086		4.06E-02	0.00235	3E-05	0.00825	0.05118		5.36E-02	0.003102	2.47E-05	0.005123	6.19E-02		0.062131	0.003136	1.82E-05	0.005651	0.070936
2997	479376.63	3850171.93	1.77656	2.19624	2.06293	2.62516		4.05E-02	0.00234	3.1E-05	0.00839	0.05131		5.36E-02	0.003094	2.52E-05	0.005211	6.19E-02		0.062117	0.003128	1.87E-05	0.005748	0.071012
2998	478676.63	3850221.93	1.65233	2.12204	1.77267	2.44696		3.77E-02	0.00226	2.7E-05	0.00782	0.04782		4.99E-02	0.00299	2.17E-05	0.004857	5.77E-02		0.057774	0.003022	1.6E-05	0.005358	0.06617
2999	478726.63	3850221.93	1.60426	2.10551	1.74927	2.48876		3.66E-02	0.00224	2.6E-05	0.00796	0.04684		4.84E-02	0.002967	2.14E-05	0.00494	5.63E-02		0.056093	0.002999	1.58E-05	0.00545	0.064557
3000	478976.63	3850221.93	1.48541	2.09822	1.5642	2.6267		3.39E-02	0.00224	2.4E-05	0.0084	0.04455		4.48E-02	0.002956	1.91E-05	0.005214	5.30E-02		0.051937	0.002988	1.42E-05	0.005752	0.060691
3001	479026.63	3850221.93	1.5623	2.07164	1.54355	2.62056		3.57E-02	0.00221	2.3E-05	0.00838	0.04626		4.72E-02	0.002919	1.89E-05	0.005202	5.53E-02		0.054626	0.00295	1.4E-05	0.005738	0.063328
3002	479076.63	3850221.93	1.63704	2.04041	1.56093	2.56411		3.74E-02	0.00217	2.4E-05	0.0082	0.04775		4.94E-02	0.002875	1.91E-05	0.005089	5.74E-02		0.057239	0.002906	1.41E-05	0.005615	0.065774
3003	479126.63	3850221.93	1.6986	2.04024	1.66231	2.46827		3.88E-02	0.00217	2.5E-05	0.00789	0.04885		5.13E-02	0.002875	2.03E-05	0.004899	5.91E-02		0.059391	0.002906	1.5E-05	0.005405	0.067717
3004	479176.63	3850221.93	1.73664	2.10916	1.75571	2.34481		3.96E-02	0.00225	2.6E-05	0.0075	0.0494		5.24E-02	0.002972	2.15E-05	0.004654	6.01E-02		0.060722	0.003004	1.59E-05	0.005134	0.068876
3005	479226.63	3850221.93	1.75311	2.15859	1.83084	2.34446		4.00E-02	0.0023	2.8E-05	0.0075	0.04983		5.29E-02	0.003041	2.24E-05	0.004654	6.06E-02		0.061297	0.003074	1.66E-05	0.005134	0.069522
3006	479276.63	3850221.93	1.75757	2.1878	1.88045	2.33438		4.01E-02	0.00233	2.8E-05	0.00746	0.04993		5.30E-02	0.003082	2.3E-05	0.004634	6.08E-02		0.061453	0.003116	1.7E-05	0.005112	0.069698
3007	479326.63	3850221.93	1.78397	2.21438	1.96509	2.48608		4.07E-02	0.00236	3E-05	0.00795	0.05105		5.38E-02	0.00312	2.41E-05	0.004935	6.19E-02		0.062376	0.003154	1.78E-05	0.005444	0.070991
3008	479376.63	3850221.93	1.78401	2.21966	2.01556	2.60559		4.07E-02	0.00236	3E-05	0.00833	0.05144		5.38E-02	0.003127	2.47E-05	0.005172	6.22E-02		0.062378	0.003161	1.82E-05	0.005705	0.071263
3009	478676.63	3850271.93	1.6743	2.12915	1.74708	2.38722		3.82E-02	0.00227	2.6E-05	0.00763	0.04814		5.05E-02	0.003	2.14E-05	0.004738	5.83E-02		0.058542	0.003032	1.58E-05	0.005227	0.066817
3010	478726.63	3850271.93	1.64	2.13105	1.7411	2.48016		3.74E-02	0.00227	2.6E-05	0.00793	0.04765		4.95E-02	0.003003	2.13E-05	0.004923	5.74E-02		0.057343	0.003035	1.58E-05	0.005431	0.065824
3011	478976.63	3850271.93	1.4971	2.11973	1.57645	2.6182		3.42E-02	0.00226	2.4E-05	0.00837	0.04482		4.52E-02	0.002987	1.93E-05	0.005197	5.34E-02		0.052346	0.003019	1.43E-05	0.005733	0.061112
3012	479026.63	3850271.93	1.47562	2.10462	1.52854	2.66407		3.37E-02	0.00224	2.3E-05	0.00852	0.04446		4.45E-02	0.002965	1.87E-05	0.005288	5.28E-02		0.051595	0.002997	1.38E-05	0.005833	0.06044
3013	479076.63	3850271.93	1.55447	2.08272	1.51993	2.66177		3.55E-02	0.00222	2.3E-05	0.00851	0.04623		4.69E-02	0.002934	1.86E-05	0.005283	5.52E-02		0.054352	0.002966	1.38E-05	0.005828	0.06316
3014	479126.63	3850271.93	1.62374	2.04733	1.52839	2.61582		3.71E-02	0.00218	2.3E-05	0.00836	0.04762		4.90E-02	0.002885	1.87E-05	0.005192	5.71E-02		0.056774	0.002916	1.38E-05	0.005728	0.065431
3015	479176.63	3850271.93	1.67612	2.04969	1.62587	2.53139		3.83E-02	0.00218	2.5E-05	0.00809	0.04855		5.06E-02	0.002888	1.99E-05	0.005025	5.85E-02		0.058605	0.002919	1.47E-05	0.005543	0.067082
3016	479226.63	3850271.93	1.7118	2.11613	1.7172	2.41197		3.91E-02	0.00225	2.6E-05	0.00771	0.04906		5.17E-02	0.002981	2.1E-05	0.004788	5.95E-02		0.059853	0.003014	1.55E-05	0.005281	0.068164
3017	479276.63	3850271.93	1.74206	2.16776	1.8032	2.38218		3.98E-02	0.00231	2.7E-05	0.00762	0.04971		5.26E-02	0.003054	2.21E-05	0.004728	6.04E-02		0.060911	0.003087	1.63E-05	0.005216	0.069231
3018	479326.63	3850271.93	1.7742	2.20909	1.89437	2.36		4.05E-02	0.00235	2.9E-05	0.00754	0.05042		5.35E-02	0.003112	2.32E-05	0.004684	6.14E-02		0.062035	0.003146	1.71E-05	0.005168	0.070366
3019	479376.63	3850271.93	1.80486	2.2394	1.98798	2.49037		4.12E-02	0.00239	3E-05	0.00796	0.05157		5.45E-02	0.003155	2.43E-05	0.004943	6.26E-02		0.063107	0.003189	1.8E-05	0.005453	0.071767
3020	479053.24	3850293.52	1.47805	2.1036	1.51209	2.68239		3.37E-02	0.00224	2.3E-05	0.00858	0.04457		4.46E-02	0.002964	1.85E-05	0.005324	5.29E-02		0.05168	0.002996	1.37E-05	0.005874	0.060563
3021	479103.24	3850293.52	1.55415	2.07937	1.50054	2.67973		3.55E-02	0.00222	2.3E-05	0.00857	0.04627		4.69E-02	0.00293	1.84E-05	0.005319	5.52E-02		0.054341	0.002961	1.36E-05	0.005868	0.063183
3022	479153.24	3850293.52	1.62378	2.0457	1.52084	2.63053		3.71E-02	0.00218	2.3E-05	0.00841	0.04767		4.90E-02	0.002882	1.86E-05	0.005221	5.71E-02		0.056775	0.002913	1.38E-05	0.00576	0.065462
3023	479203.24	3850293.52	1.67082	2.06045	1.62145	2.54635		3.81E-02	0.0022	2.4E-05	0.00814	0.04849		5.04E-02	0.002903	1.98E-05	0.005054	5.84E-02		0.05842	0.002934	1.47E-05	0.005576	0.066945
3024	479253.24	3850293.52	1.70977	2.12651	1.71703	2.42162		3.90E-02	0.00227	2.6E-05	0.00774	0.04905		5.16E-02	0.002996	2.1E-05	0.004807	5.94E-02		0.059782	0.003028	1.55E-05	0.005303	0.068129
3025	479303.24	3850293.52	1.75267	2.18168	1.81821	2.39136		4.00E-02	0.00232	2.7E-05	0.00765	0.04999		5.29E-02	0.003074	2.23E-05	0.004747	6.07E-02		0.061282	0.003107	1.64E-05	0.005236	0.069642
3026	479353.24	3850293.52	1.7874	2.22471	1.91655	2.36265		4.08E-02	0.00237	2.9E-05	0.00755	0.05074		5.39E-02	0.003134	2.35E-05	0.00469	6.18E-02		0.062496	0.003168	1.73E-05	0.005173	0.070855
3027	479153.24	3850343.52	1.54486	1.97717	1.47814	2.71991		3.53E-02	0.00211	2.2E-05	0.0087	0.04608		4.66E-02	0.002786	1.81E-05	0.005399	5.48E-02		0.054016	0.002816	1.34E-05	0.005956	0.062801
3028	479203.24	3850343.52	1.60772	1.95973	1.49667	2.68066		3.67E-02	0.00209	2.3E-05	0.00857	0.04737		4.85E-02	0.002761	1.83E-05	0.005321	5.66E-02		0.056214	0.002791	1.35E-05	0.00587	0.064888
3029	479253.24	3850343.52	1.66871	2.02932	1.61123	2.59423		3.81E-02	0.00216	2.4E-05	0.00829	0.04856		5.04E-02	0.002859	1.97E-05	0.005149	5.84E-02		0.058346	0.00289	1.46E-05	0.00568	0.066931
3030	479303.24	3850343.52	1.72217	2.1454	1.72502	2.46445		3.93E-02	0.00229	2.6E-05	0.00788	0.04949		5.20E-02	0.003023	2.11E-05	0.004892	5.99E-02		0.060216	0.003055	1.56E-05	0.005396	0.068683
3031	479353.24	3850343.52	1.77125	2.20407	1.83516	2.409		4.04E-02	0.00235	2.8E-05	0.0077	0.0505		5.35E-02	0.003105	2.25E-05	0.004782	6.14E-02		0.061932	0.003139	1.66E-05	0.005275	0.070362
3032	479203.24	3850393.52	1.53907	2.00482	1.46359	2.75611		3.51E-02	0.00214	2.2E-05	0.00881	0.04609		4.65E-02	0.002825	1.79E-05	0.005471	5.48E-02		0.053813	0.002855	1.32E-05	0.006035	0.062717
3033	479253.24	3850393.52	1.61048	1.97639	1.4925	2.71917		3.68E-02	0.00211	2.2E-05	0.00869	0.04757		4.86E-02	0.002785	1.83E-05	0.005397	5.68E-02		0.05631	0.002815	1.35E-05	0.005954	0.065093
3034	479303.24	3850393.52	1.67598	2.04816	1.61457	2.63579		3.82E-02	0.00218	2.4E-05	0.00843	0.04888		5.06E-02	0.002886	1.98E-05	0.005232	5.87E-02		0.058601	0.002917	1.46E-05	0.005771	0.067304
3035	479353.24	3850393.52	1.73567	2.16424	1.73173	2.50824		3.96E-02	0.00231	2.6E-05	0.00802	0.04996		5.24E-02	0.003049	2.12E-05	0.004979	6.04E-02		0.060688	0.003082	1.57E-05	0.005492	0.069278
3036	479403.24	3850393.52	1.78352	2.22416	1.84291	2.43067		4.07E-02	0.00237	2.8E-05	0.00777	0.05087		5.38E-02	0.003134	2.26E-05	0.004825	6.18E-02		0.062361	0.003168	1.67E-05	0.005322	0.070867
3037	479453.24	3850393.52	1.82718	2.27315	1.95662	2.40886		4.17E-02	0.00242	2.9E-05	0.0077	0.05185		5.51E-02	0.003203	2.39E-05	0.004781	6.32E-02		0.063887	0.003237	1.77E-05	0.005275	0.072417
3038	479503.24	3850393.52	1.87172	2.3097	2.07078	2.50221		4.27E-02	0.00246	3.1E-05	0.008	0.05321		5.65E-02	0.003254	2.53E-05	0.004967	6.47E-02		0.065445	0.003289	1.87E-05	0.005479	0.074232
3039	479303.24	3850443.52	1.62341	2.00295	1.5003	2.75264		3.70E-02	0.00213	2.3E-05	0.0088	0.048		4.90E-02	0.002822	1.84E-05	0.005464	5.73E-02		0.056762	0.002852	1.36E-05	0.006027	0.065656
3040	479353.24	3850443.52	1.69807	2.06771	1.62914	2.67041		3.88E-02	0.0022	2.5E-05	0.00854	0.04952		5.12E-02	0.002913	1.99E-05	0.0053	5.95E-02		0.059373	0.002945	1.47E-05	0.005847	0.06818
3041	479403.24	3850443.52	1.76561	2.18944	1.76019	2.54089		4.03E-02	0.00233	2.7E-05	0.00812	0.05077		5.33E-02	0.003085	2.15E-05	0.005043	6.14E-02		0.061734	0.003118	1.59E-05	0.005564	0.070432
3042	479453.24	3850443.52	1.82466	2.25582	1.88946	2.43387		4.16E-02	0.0024	2.8E-05	0.00778	0.05185		5.51E-02	0.003178	2.31E-05	0.004831	6.31E-02		0.063799	0.003213	1.71E-05	0.005329	0.072358
3043	479503.24	3850443.52	1.87797	2.30981	2.01924	2.41184		4.29E-02	0.00246	3E-05	0.00771	0.05306		5.67E-02	0.003254	2.47E-05	0.004787	6.47E-02		0.065663	0.00329	1.83E-05	0.005281	0.074252
3044	480327.18	3850987.04	2.38725	3.04381	2.18187	3.26918		5.45E-02	0.00324	3.3E-05	0.01045	0.06821		7.20E-02	0.004289	2.67E-05	0.006489	8.29E-02		0.08347	0.004335	1.97E-05	0.007158	0.094983
3045	480377.18	3850987.04	2.50941	3.22365	2.2226	3.16611		5.73E-02	0.00343	3.3E-05	0.01012	0.07086		7.57E-02	0.004542	2.72E-05	0.006284	8.66E-02		0.087741	0.004591	2.01E-05	0.006933	0.099285
3046	480427.18	3850987.04	2.62745	3.38715	2.37535	3.12349		6.00E-02	0.00361	3.6E-05	0.00999	0.07359		7.93E-02	0.004772	2.91E-05	0.0062	9.03E-02		0.091869	0.004824	2.15E-05	0.006839	0.103553

3047	480477.18	3850987.04	2.73294	3.52841	2.5801	3.16301		6.24E-02	0.00376	3.9E-05	0.01011	0.07628		8.25E-02	0.004971	3.16E-05	0.006278	9.38E-02		0.095557	0.005025	2.33E-05	0.006926	0.107531
3048	480327.18	3851037.04	2.28368	2.89259	2.19494	3.33074		5.21E-02	0.00308	3.3E-05	0.01065	0.06588		6.89E-02	0.004075	2.69E-05	0.006611	7.96E-02		0.079849	0.004119	1.99E-05	0.007293	0.091281
3049	480377.18	3851037.04	2.41898	3.09158	2.20781	3.30799		5.52E-02	0.00329	3.3E-05	0.01058	0.06911		7.30E-02	0.004356	2.7E-05	0.006566	8.40E-02		0.084579	0.004403	2E-05	0.007243	0.096246
3050	480427.18	3851037.04	2.54462	3.27609	2.25195	3.20553		5.81E-02	0.00349	3.4E-05	0.01025	0.07184		7.68E-02	0.004616	2.76E-05	0.006363	8.78E-02		0.088972	0.004666	2.04E-05	0.007019	0.100678
3051	480477.18	3851037.04	2.66007	3.44175	2.40841	3.15341		6.07E-02	0.00367	3.6E-05	0.01008	0.07449		8.03E-02	0.004849	2.95E-05	0.006259	9.14E-02		0.093009	0.004902	2.18E-05	0.006905	0.104837
3052	480622.06	3851087.39	2.87054	3.74545	2.81682	3.21973		6.55E-02	0.00399	4.2E-05	0.01029	0.07983		8.66E-02	0.005277	3.45E-05	0.006391	9.83E-02		0.100368	0.005334	2.55E-05	0.00705	0.112778
3053	480672.06	3851087.39	2.94519	3.83064	3.00073	3.12159		6.72E-02	0.00408	4.5E-05	0.00998	0.08132		8.89E-02	0.005397	3.67E-05	0.006196	1.01E-01		0.102978	0.005455	2.71E-05	0.006835	0.115296
3054	480622.06	3851137.39	2.80733	3.68273	2.65425	3.278		6.41E-02	0.00392	4E-05	0.01048	0.07851		8.47E-02	0.005189	3.25E-05	0.006506	9.65E-02		0.098158	0.005245	2.4E-05	0.007178	0.110605
3055	480672.06	3851137.39	2.89552	3.80245	2.85238	3.26331		6.61E-02	0.00405	4.3E-05	0.01043	0.0806		8.74E-02	0.005357	3.49E-05	0.006477	9.93E-02		0.101242	0.005415	2.58E-05	0.007146	0.113828
3056	480722.06	3851137.39	2.97057	3.88681	3.03752	3.16826		6.78E-02	0.00414	4.6E-05	0.01013	0.08211		8.97E-02	0.005476	3.72E-05	0.006289	1.01E-01		0.103866	0.005535	2.75E-05	0.006937	0.116366
3057	480622.06	3851187.39	2.73496	3.58963	2.47997	3.24429		6.24E-02	0.00382	3.7E-05	0.01037	0.07665		8.25E-02	0.005058	3.04E-05	0.00644	9.41E-02		0.095628	0.005112	2.24E-05	0.007104	0.107866
3058	480672.06	3851187.39	2.83624	3.73947	2.68939	3.31698		6.47E-02	0.00398	4.1E-05	0.0106	0.07935		8.56E-02	0.005269	3.29E-05	0.006584	9.75E-02		0.099169	0.005326	2.43E-05	0.007263	0.111782
3059	480722.06	3851187.39	2.92202	3.85791	2.89011	3.30742		6.67E-02	0.00411	4.4E-05	0.01057	0.08141		8.82E-02	0.005436	3.54E-05	0.006565	1.00E-01		0.102168	0.005494	2.61E-05	0.007242	0.114931
3060	471363.09	3845877.25	0.39877	0.4872	0.52348	0.27946		9.10E-03	0.00052	7.9E-06	0.00089	0.01052		1.20E-02	0.000686	6.41E-06	0.000555	1.33E-02		0.013943	0.000694	4.74E-06	0.000612	0.015253
3061	471863.09	3845877.25	0.36683	0.43209	0.48392	0.29687		8.37E-03	0.00046	7.3E-06	0.00095	0.00979		1.11E-02	0.000609	5.92E-06	0.000589	1.23E-02		0.012826	0.000615	4.38E-06	0.00065	0.014096
3062	472363.09	3845877.25	0.49129	0.56485	0.60742	0.40841		1.12E-02	0.0006	9.2E-06	0.00131	0.01313		1.48E-02	0.000796	7.43E-06	0.000811	1.64E-02		0.017178	0.000804	5.5E-06	0.000894	0.018882
3063	472863.09	3845877.25	0.49599	0.56095	0.60314	0.48941		1.13E-02	0.0006	9.1E-06	0.00156	0.01349		1.50E-02	0.00079	7.38E-06	0.000971	1.67E-02		0.017342	0.000799	5.46E-06	0.001072	0.019218
3064	473363.09	3845877.25	0.44431	0.58741	0.56602	0.50534		1.01E-02	0.00063	8.5E-06	0.00162	0.01239		1.34E-02	0.000828	6.93E-06	0.001003	1.52E-02		0.015535	0.000837	5.12E-06	0.001107	0.017483
3065	473863.09	3845877.25	0.66011	0.89364	0.80241	0.5919		1.51E-02	0.00095	1.2E-05	0.00189	0.01792		1.99E-02	0.001259	9.82E-06	0.001175	2.24E-02		0.023081	0.001273	7.26E-06	0.001296	0.025657
3066	474363.09	3845877.25	0.61388	0.76126	0.7992	0.56555		1.40E-02	0.00081	1.2E-05	0.00181	0.01664		1.85E-02	0.001073	9.78E-06	0.001123	2.07E-02		0.021464	0.001084	7.23E-06	0.001238	0.023794
3067	474863.09	3845877.25	0.775	0.92254	0.99915	0.50033		1.77E-02	0.00098	1.5E-05	0.0016	0.02028		2.34E-02	0.0013	1.22E-05	0.000993	2.57E-02		0.027098	0.001314	9.04E-06	0.001096	0.029516
3068	475363.09	3845877.25	0.90835	1.03835	1.03166	0.66412		2.07E-02	0.00111	1.6E-05	0.00212	0.02397		2.74E-02	0.001463	1.26E-05	0.001318	3.02E-02		0.03176	0.001479	9.33E-06	0.001454	0.034703
3069	475863.09	3845877.25	1.05552	1.17444	1.1217	0.6517		2.41E-02	0.00125	1.7E-05	0.00208	0.02744		3.19E-02	0.001655	1.37E-05	0.001294	3.48E-02		0.036906	0.001673	1.01E-05	0.001427	0.040016
3070	476363.09	3845877.25	0.88544	1.01898	1.03432	0.85767		2.02E-02	0.00109	1.6E-05	0.00274	0.02405		2.67E-02	0.001436	1.27E-05	0.001702	2.99E-02		0.030959	0.001451	9.36E-06	0.001878	0.034298
3071	476863.09	3845877.25	0.66176	0.66269	0.89081	0.53426		1.51E-02	0.00071	1.3E-05	0.00171	0.01753		2.00E-02	0.000934	1.09E-05	0.00106	2.20E-02		0.023138	0.000944	8.06E-06	0.00117	0.02526
3072	477363.09	3845877.25	0.50933	0.54676	0.65484	0.50706		1.16E-02	0.00058	9.9E-06	0.00162	0.01384		1.54E-02	0.00077	8.01E-06	0.001006	1.72E-02		0.017809	0.000779	5.92E-06	0.00111	0.019704
3073	477863.09	3845877.25	0.46364	0.68175	0.64192	0.33751		1.06E-02	0.00073	9.7E-06	0.00108	0.0124		1.40E-02	0.000961	7.86E-06	0.00067	1.56E-02		0.016211	0.000971	5.81E-06	0.000739	0.017927
3074	478363.09	3845877.25	0.54117	0.70289	0.75083	0.40682		1.23E-02	0.00075	1.1E-05	0.0013	0.01441		1.63E-02	0.00099	9.19E-06	0.000807	1.81E-02		0.018922	0.001001	6.79E-06	0.000891	0.020821
3075	478863.09	3845877.25	0.4845	0.63191	0.62152	0.4578		1.11E-02	0.00067	9.4E-06	0.00146	0.0132		1.46E-02	0.00089	7.61E-06	0.000909	1.64E-02		0.016941	0.0009	5.62E-06	0.001002	0.018848
3076	479363.09	3845877.25	0.34625	0.49988	0.49371	0.34919		7.90E-03	0.00053	7.4E-06	0.00112	0.00956		1.05E-02	0.000704	6.04E-06	0.000693	1.19E-02		0.012107	0.000712	4.47E-06	0.000765	0.013588
3077	479863.09	3845877.25	0.28491	0.32622	0.35087	0.25882		6.50E-03	0.00035	5.3E-06	0.00083	0.00768		8.60E-03	0.00046	4.29E-06	0.000514	9.58E-03		0.009962	0.000465	3.17E-06	0.000567	0.010996
3078	480363.09	3845877.25	0.21609	0.2581	0.28806	0.22786		4.93E-03	0.00027	4.3E-06	0.00073	0.00594		6.52E-03	0.000364	3.53E-06	0.000452	7.34E-03		0.007556	0.000368	2.61E-06	0.000499	0.008425
3079	480863.09	3845877.25	0.20296	0.29986	0.22908	0.21579		4.63E-03	0.00032	3.5E-06	0.00069	0.00564		6.13E-03	0.000422	2.8E-06	0.000428	6.98E-03		0.007096	0.000427	2.07E-06	0.000473	0.007998
3080	481363.09	3845877.25	0.20517	0.26978	0.27441	0.18723		4.68E-03	0.00029	4.1E-06	0.0006	0.00557		6.19E-03	0.00038	3.36E-06	0.000372	6.95E-03		0.007174	0.000384	2.48E-06	0.00041	0.00797
3081	481863.09	3845877.25	0.20122	0.28099	0.26807	0.28366		4.59E-03	0.0003	4E-06	0.00091	0.0058		6.07E-03	0.000396	3.28E-06	0.000563	7.04E-03		0.007036	0.0004	2.43E-06	0.000621	0.008059
3082	482363.09	3845877.25	0.20162	0.17147	0.2683	0.34347		4.60E-03	0.00018	4E-06	0.0011	0.00589		6.09E-03	0.000242	3.28E-06	0.000682	7.01E-03		0.00705	0.000244	2.43E-06	0.000752	0.008048
3083	482863.09	3845877.25	0.19249	0.51632	0.20512	0.32618		4.39E-03	0.00055	3.1E-06	0.00104	0.00599		5.81E-03	0.000727	2.51E-06	0.000647	7.19E-03		0.00673	0.000735	1.86E-06	0.000714	0.008182
3084	483363.09	3845877.25	0.30013	0.66562	0.30967	0.25806		6.85E-03	0.00071	4.7E-06	0.00083	0.00839		9.06E-03	0.000938	3.79E-06	0.000512	1.05E-02		0.010494	0.000948	2.8E-06	0.000565	0.01201
3085	483863.09	3845877.25	0.33997	0.16169	0.45901	0.41992		7.76E-03	0.00017	6.9E-06	0.00134	0.00928		1.03E-02	0.000228	5.62E-06	0.000833	1.13E-02		0.011887	0.00023	4.15E-06	0.000919	0.013041
3086	484363.09	3845877.25	0.3389	0.18113	0.46712	0.49696		7.73E-03	0.00019	7E-06	0.00159	0.00952		1.02E-02	0.000255	5.72E-06	0.000986	1.15E-02		0.01185	0.000258	4.23E-06	0.001088	0.0132
3087	484863.09	3845877.25	0.33121	0.27492	0.45461	0.48307		7.56E-03	0.00029	6.9E-06	0.00154	0.0094		1.00E-02	0.000387	5.56E-06	0.000959	1.13E-02		0.011581	0.000392	4.11E-06	0.001058	0.013034
3088	485363.09	3845877.25	0.29816	0.43375	0.35707	0.46379		6.80E-03	0.00046	5.4E-06	0.00148	0.00875		9.00E-03	0.000611	4.37E-06	0.000921	1.05E-02		0.010425	0.000618	3.23E-06	0.001016	0.012062
3089	485863.09	3845877.25	0.21245	0.65744	0.19223	0.4295		4.85E-03	0.0007	2.9E-06	0.00137	0.00692		6.41E-03	0.000926	2.35E-06	0.000853	8.19E-03		0.007428	0.000936	1.74E-06	0.00094	0.009307
3090	486363.09	3845877.25	0.127	0.23724	0.1744	0.29364		2.90E-03	0.00025	2.6E-06	0.00094	0.00409		3.83E-03	0.000334	2.13E-06	0.000583	4.75E-03		0.004441	0.000338	1.58E-06	0.000643	0.005423
3091	486863.09	3845877.25	0.11932	0.15957	0.15738	0.19218		2.72E-03	0.00017	2.4E-06	0.00061	0.00351		3.60E-03	0.000225	1.93E-06	0.000381	4.21E-03		0.004172	0.000227	1.42E-06	0.000421	0.004822
3092	487363.09	3845877.25	0.11838	0.16465	0.14834	0.16094		2.70E-03	0.00018	2.2E-06	0.00051	0.00339		3.57E-03	0.000232	1.82E-06	0.000319	4.13E-03		0.004139	0.000234	1.34E-06	0.000352	0.004727
3093	487863.09	3845877.25	0.09962	0.30767	0.0983	0.13995		2.27E-03	0.00033	1.5E-06	0.00045	0.00305		3.01E-03	0.000433	1.2E-06	0.000278	3.72E-03		0.003483	0.000438	8.89E-07	0.000306	0.004229
3094	488363.09	3845877.25	0.07873	0.1919	0.10374	0.13603		1.80E-03	0.0002	1.6E-06	0.00043	0.00244		2.38E-03	0.00027	1.27E-06	0.00027	2.92E-03		0.002753	0.000273	9.39E-07	0.000298	0.003325
3095	488863.09	3845877.25	0.07996	0.1605	0.10481	0.10511		1.82E-03	0.00017	1.6E-06	0.00034	0.00233		2.41E-03	0.000226	1.28E-06	0.000209	2.85E-03		0.002796	0.000229	9.48E-07	0.00023	0.003255
3096	489363.09	3845877.25	0.08058	0.13109	0.1048	0.10471		1.84E-03	0.00014	1.6E-06	0.00033	0.00231		2.43E-03	0.000185	1.28E-06	0.000208	2.83E-03		0.002817	0.000187	9.48E-07	0.000229	0.003234
3097	489863.09	3845877.25	0.07839	0.11569	0.09749	0.10466		1.79E-03	0.00012	1.5E-06	0.00033	0.00225		2.37E-03	0.000163	1.19E-06	0.000208	2.74E-03		0.002741	0.000165	8.82E-07	0.000229	0.003136
3098	490363.09	3845877.25	0.07105	0.14628	0.08207	0.10504		1.62E-03	0.00016	1.2E-06	0.00034	0.00211		2.14E-03	0.000206	1E-06	0.000208	2.56E-03		0.002484	0.000208	7.42E-07	0.00023	0.002923
3099	490863.09	3845877.25	0.10909	0.33085	0.08617	0.1029		2.49E-03	0.00035	1.3E-06	0.00033	0.00317		3.29E-03	0.000466	1.05E-06	0.000204	3.96E-03		0.003814	0.000471	7.8E-07	0.000225	0.004512
3100	491363.09	3845877.25	0.15414	0.48981	0.11637	0.0972		3.52E-03	0.00052	1.8E-06	0.00031	0.00435		4.65E-03	0.00069	1.42E-06	0.000193	5.54E-03		0.005389	0.000698	1.05E-06	0.000213	0.006301
3101	491863.09	3845877.25	0.18361	0.40444	0.20903	0.11751		4.19E-03	0.00043	3.2E-06	0.00038	0.005		5.54E-03	0.00057	2.56E-06	0.000233	6.35E-03		0.00642	0.000576	1.89E-06	0.000257	0.007255
3102	492363.09	3845877.25	0.19418	0.19441	0.25769	0.22984		4.43E-03	0.00021	3.9E-06	0.00073	0.00538		5.86E-03	0.000274	3.15E-06	0.000456	6.59E-03		0.006789	0.000277	2.33E-06	0.000503	0.007572
3103	492863.09	3845877.25	0.19578	0.07678	0.26904	0.29899		4.47E-03	8.2E-05	4.1E-06	0.00096	0.00551		5.91E-03	0.000108	3.29E-06	0.000593	6.61E-03		0.006845	0.000109	2.43E-06	0.000655	0.007612
3104	493363.09	3845877.25	0.19514	0.10453	0.26938	0.31549		4.45E-03	0.00011	4.1E-06	0.00101	0.00558		5.89E-03	0.000147	3.3E-06	0.000626	6.67E-03		0.006823	0.000149	2.44E-06	0.000691	0.007665
3105	493863.09	3845877.25	0.19406	0.1169	0.26817	0.31236		4.43E-03	0.00012	4E-06	0.001	0.00556		5.86E-03	0.000165	3.28E-06	0.00062	6.64E-03		0.006785	0.000166	2.43E-06	0.000684	0.007638
3106	494363.09	3845877.25	0.19179	0.09058	0.2656	0.3061		4.38E-03	9.6E-05	4E-06	0.00098	0.00546		5.79E-03	0.000128	3.25E-06	0.000608	6.53E-03		0.006706	0.000129	2.4E-06	0.00067	0.007508
3107	494863.09	3845877.25	0.18498	0.1143	0.25421	0.29976		4.22E-03	0.00012	3.8E-06	0.00096	0.00531		5.58E-03	0.000161	3.11E-06	0.000595	6.34E-03		0.006468	0.000163	2.3E-06	0.000656	0.007289

3108	495363.09	3845877.25	0.1694	0.2758	0.21719	0.29354		3.87E-03	0.00029	3.3E-06	0.00094	0.0051		5.11E-03	0.000389	2.66E-06	0.000583	6.09E-03		0.005923	0.000393	1.96E-06	0.000643	0.006961
3109	495863.09	3845877.25	0.14574	0.43542	0.15281	0.28676		3.33E-03	0.00046	2.3E-06	0.00092	0.00471		4.40E-03	0.000613	1.87E-06	0.000569	5.58E-03		0.005096	0.00062	1.38E-06	0.000628	0.006345
3110	496363.09	3845877.25	0.11905	0.42996	0.08988	0.27439		2.72E-03	0.00046	1.4E-06	0.00088	0.00405		3.59E-03	0.000606	1.1E-06	0.000545	4.74E-03		0.004163	0.000612	8.13E-07	0.000601	0.005377
3111	496863.09	3845877.25	0.09848	0.27544	0.10564	0.24057		2.25E-03	0.00029	1.6E-06	0.00077	0.00331		2.97E-03	0.000388	1.29E-06	0.000478	3.84E-03		0.003443	0.000392	9.56E-07	0.000527	0.004363
3112	497363.09	3845877.25	0.10304	0.12527	0.12925	0.17189		2.35E-03	0.00013	1.9E-06	0.00055	0.00304		3.11E-03	0.000176	1.58E-06	0.000341	3.63E-03		0.003603	0.000178	1.17E-06	0.000376	0.004159
3113	497863.09	3845877.25	0.10426	0.12008	0.13761	0.12356		2.38E-03	0.00013	2.1E-06	0.0004	0.0029		3.15E-03	0.000169	1.68E-06	0.000245	3.56E-03		0.003645	0.000171	1.24E-06	0.000271	0.004088
3114	498363.09	3845877.25	0.10455	0.13034	0.13954	0.13855		2.39E-03	0.00014	2.1E-06	0.00044	0.00297		3.16E-03	0.000184	1.71E-06	0.000275	3.62E-03		0.003656	0.000186	1.26E-06	0.000303	0.004146
3115	471363.09	3846377.25	0.71115	0.87205	0.74363	0.75705		1.62E-02	0.00093	1.1E-05	0.00242	0.01959		2.15E-02	0.001229	9.1E-06	0.001503	2.42E-02		0.024865	0.001242	6.73E-06	0.001658	0.027772
3116	471863.09	3846377.25	0.8181	1.02008	1.01684	0.68001		1.87E-02	0.00109	1.5E-05	0.00217	0.02195		2.47E-02	0.001437	1.24E-05	0.00135	2.75E-02		0.028605	0.001453	9.2E-06	0.001489	0.031556
3117	472363.09	3846377.25	0.41906	0.51584	0.55933	0.28423		9.56E-03	0.00055	8.4E-06	0.00091	0.01103		1.26E-02	0.000727	6.85E-06	0.000564	1.39E-02		0.014652	0.000735	5.06E-06	0.000622	0.016014
3118	472863.09	3846377.25	0.44902	0.54815	0.59195	0.39001		1.02E-02	0.00058	8.9E-06	0.00125	0.01209		1.36E-02	0.000772	7.24E-06	0.000774	1.51E-02		0.0157	0.000781	5.36E-06	0.000854	0.01734
3119	473363.09	3846377.25	0.59064	0.68288	0.71254	0.5052		1.35E-02	0.00073	1.1E-05	0.00162	0.01583		1.78E-02	0.000962	8.72E-06	0.001003	1.98E-02		0.020652	0.000973	6.45E-06	0.001106	0.022737
3120	473863.09	3846377.25	0.61209	0.78976	0.74958	0.52692		1.40E-02	0.00084	1.1E-05	0.00168	0.01651		1.85E-02	0.001113	9.17E-06	0.001046	2.06E-02		0.021402	0.001125	6.78E-06	0.001154	0.023687
3121	474363.09	3846377.25	0.81713	1.10692	0.94506	0.74781		1.86E-02	0.00118	1.4E-05	0.00239	0.02223		2.47E-02	0.00156	1.16E-05	0.001484	2.77E-02		0.028571	0.001576	8.55E-06	0.001637	0.031793
3122	474863.09	3846377.25	0.79611	0.97636	1.00373	0.76195		1.82E-02	0.00104	1.5E-05	0.00244	0.02166		2.40E-02	0.001376	1.23E-05	0.001512	2.69E-02		0.027836	0.00139	9.08E-06	0.001668	0.030904
3123	475363.09	3846377.25	0.93926	1.09501	1.22319	0.65802		2.14E-02	0.00117	1.8E-05	0.0021	0.02472		2.83E-02	0.001543	1.5E-05	0.001306	3.12E-02		0.032841	0.001559	1.11E-05	0.001441	0.035853
3124	475863.09	3846377.25	1.06201	1.21714	1.17788	0.81216		2.42E-02	0.0013	1.8E-05	0.0026	0.02815		3.21E-02	0.001715	1.44E-05	0.001612	3.54E-02		0.037133	0.001733	1.07E-05	0.001778	0.040656
3125	476363.09	3846377.25	1.16902	1.3085	1.24252	0.71533		2.67E-02	0.00139	1.9E-05	0.00229	0.03038		3.53E-02	0.001844	1.52E-05	0.00142	3.86E-02		0.040875	0.001863	1.12E-05	0.001566	0.044316
3126	476863.09	3846377.25	0.96663	1.08558	1.15721	0.90832		2.21E-02	0.00116	1.7E-05	0.0029	0.02614		2.92E-02	0.00153	1.42E-05	0.001803	3.25E-02		0.033798	0.001546	1.05E-05	0.001989	0.037344
3127	477363.09	3846377.25	0.72003	0.68756	0.95691	0.55696		1.64E-02	0.00073	1.4E-05	0.00178	0.01896		2.17E-02	0.000969	1.17E-05	0.001106	2.38E-02		0.025176	0.000979	8.66E-06	0.00122	0.027383
3128	477863.09	3846377.25	0.49147	0.59679	0.64374	0.48678		1.12E-02	0.00064	9.7E-06	0.00156	0.01342		1.48E-02	0.000841	7.88E-06	0.000966	1.66E-02		0.017184	0.00085	5.82E-06	0.001066	0.019106
3129	478363.09	3846377.25	0.5379	0.73238	0.72001	0.40313		1.23E-02	0.00078	1.1E-05	0.00129	0.01436		1.62E-02	0.001032	8.81E-06	0.0008	1.81E-02		0.018808	0.001043	6.51E-06	0.000883	0.02074
3130	478863.09	3846377.25	0.64488	0.70138	0.89198	0.45019		1.47E-02	0.00075	1.3E-05	0.00144	0.01692		1.95E-02	0.000988	1.09E-05	0.000894	2.14E-02		0.022548	0.000999	8.07E-06	0.000986	0.024541
3131	479363.09	3846377.25	0.51009	0.60255	0.57936	0.44828		1.16E-02	0.00064	8.7E-06	0.00143	0.01372		1.54E-02	0.000849	7.09E-06	0.00089	1.71E-02		0.017835	0.000858	5.24E-06	0.000982	0.01968
3132	479863.09	3846377.25	0.34003	0.48809	0.47322	0.30006		7.76E-03	0.00052	7.1E-06	0.00096	0.00925		1.03E-02	0.000688	5.79E-06	0.000596	1.16E-02		0.011889	0.000695	4.28E-06	0.000657	0.013246
3133	480363.09	3846377.25	0.3184	0.38166	0.38821	0.26815		7.27E-03	0.00041	5.9E-06	0.00086	0.00854		9.61E-03	0.000538	4.75E-06	0.000532	1.07E-02		0.011133	0.000544	3.51E-06	0.000587	0.012267
3134	480863.09	3846377.25	0.21296	0.34945	0.28036	0.23366		4.86E-03	0.00037	4.2E-06	0.00075	0.00598		6.43E-03	0.000492	3.43E-06	0.000464	7.39E-03		0.007446	0.000498	2.54E-06	0.000512	0.008458
3135	481363.09	3846377.25	0.24001	0.4457	0.3221	0.20228		5.48E-03	0.00047	4.9E-06	0.00065	0.0066		7.24E-03	0.000628	3.94E-06	0.000402	8.28E-03		0.008392	0.000635	2.91E-06	0.000443	0.009473
3136	481863.09	3846377.25	0.19837	0.29003	0.25911	0.24381		4.53E-03	0.00031	3.9E-06	0.00078	0.00562		5.99E-03	0.000409	3.17E-06	0.000484	6.88E-03		0.006936	0.000413	2.34E-06	0.000534	0.007885
3137	482363.09	3846377.25	0.20818	0.22954	0.28152	0.33721		4.75E-03	0.00024	4.2E-06	0.00108	0.00608		6.28E-03	0.000323	3.45E-06	0.000669	7.28E-03		0.007279	0.000327	2.55E-06	0.000738	0.008347
3138	482863.09	3846377.25	0.18872	0.45308	0.2358	0.34052		4.31E-03	0.00048	3.6E-06	0.00109	0.00588		5.70E-03	0.000638	2.89E-06	0.000676	7.01E-03		0.006599	0.000645	2.13E-06	0.000746	0.007992
3139	483363.09	3846377.25	0.29727	0.73303	0.28278	0.28922		6.78E-03	0.00078	4.3E-06	0.00092	0.00849		8.97E-03	0.001033	3.46E-06	0.000574	1.06E-02		0.010394	0.001044	2.56E-06	0.000633	0.012074
3140	483863.09	3846377.25	0.34407	0.20282	0.46008	0.39977		7.85E-03	0.00022	6.9E-06	0.00128	0.00935		1.04E-02	0.000286	5.63E-06	0.000794	1.15E-02		0.01203	0.000289	4.16E-06	0.000875	0.013199
3141	484363.09	3846377.25	0.3427	0.18784	0.47101	0.49953		7.82E-03	0.0002	7.1E-06	0.0016	0.00962		1.03E-02	0.000265	5.76E-06	0.000992	1.16E-02		0.011982	0.000268	4.26E-06	0.001094	0.013348
3142	484863.09	3846377.25	0.33585	0.29034	0.46224	0.48584		7.66E-03	0.00031	7E-06	0.00155	0.00953		1.01E-02	0.000409	5.66E-06	0.000964	1.15E-02		0.011743	0.000413	4.18E-06	0.001064	0.013224
3143	485363.09	3846377.25	0.30864	0.37185	0.38314	0.46677		7.04E-03	0.0004	5.8E-06	0.00149	0.00894		9.32E-03	0.000524	4.69E-06	0.000926	1.08E-02		0.010792	0.00053	3.47E-06	0.001022	0.012347
3144	485863.09	3846377.25	0.22664	0.69451	0.20946	0.43782		5.17E-03	0.00074	3.2E-06	0.0014	0.00731		6.84E-03	0.000979	2.56E-06	0.000869	8.69E-03		0.007924	0.000989	1.89E-06	0.000959	0.009874
3145	486363.09	3846377.25	0.12882	0.28366	0.16903	0.32137		2.94E-03	0.0003	2.5E-06	0.00103	0.00427		3.89E-03	0.0004	2.07E-06	0.000638	4.93E-03		0.004504	0.000404	1.53E-06	0.000704	0.005613
3146	486863.09	3846377.25	0.12111	0.16363	0.15854	0.19306		2.76E-03	0.00017	2.4E-06	0.00062	0.00356		3.66E-03	0.000231	1.94E-06	0.000383	4.27E-03		0.004235	0.000233	1.43E-06	0.000423	0.004892
3147	487363.09	3846377.25	0.1201	0.16949	0.1486	0.16229		2.74E-03	0.00018	2.2E-06	0.00052	0.00344		3.62E-03	0.000239	1.82E-06	0.000322	4.19E-03		0.004199	0.000241	1.34E-06	0.000355	0.004797
3148	487863.09	3846377.25	0.10006	0.32698	0.10246	0.14152		2.28E-03	0.00035	1.5E-06	0.00045	0.00309		3.02E-03	0.000461	1.25E-06	0.000281	3.76E-03		0.003499	0.000466	9.27E-07	0.00031	0.004275
3149	488363.09	3846377.25	0.08024	0.1767	0.10514	0.1385		1.83E-03	0.00019	1.6E-06	0.00044	0.00246		2.42E-03	0.000249	1.29E-06	0.000275	2.95E-03		0.002806	0.000252	9.51E-07	0.000303	0.003361
3150	488863.09	3846377.25	0.0815	0.22022	0.10711	0.10546		1.86E-03	0.00023	1.6E-06	0.00034	0.00243		2.46E-03	0.00031	1.31E-06	0.000209	2.98E-03		0.00285	0.000314	9.69E-07	0.000231	0.003395
3151	489363.09	3846377.25	0.08186	0.12893	0.10552	0.10529		1.87E-03	0.00014	1.6E-06	0.00034	0.00234		2.47E-03	0.000182	1.29E-06	0.000209	2.86E-03		0.002862	0.000184	9.55E-07	0.000231	0.003277
3152	489863.09	3846377.25	0.07837	0.10969	0.09768	0.10584		1.79E-03	0.00012	1.5E-06	0.00034	0.00225		2.37E-03	0.000155	1.2E-06	0.00021	2.73E-03		0.00274	0.000156	8.84E-07	0.000232	0.003129
3153	490363.09	3846377.25	0.09957	0.27923	0.08523	0.10657		2.27E-03	0.0003	1.3E-06	0.00034	0.00291		3.01E-03	0.000393	1.04E-06	0.000212	3.61E-03		0.003481	0.000398	7.71E-07	0.000233	0.004113
3154	490863.09	3846377.25	0.14729	0.48907	0.09498	0.10291		3.36E-03	0.00052	1.4E-06	0.00033	0.00421		4.45E-03	0.000689	1.16E-06	0.000204	5.34E-03		0.00515	0.000697	8.59E-07	0.000225	0.006073
3155	491363.09	3846377.25	0.1821	0.45597	0.19509	0.09829		4.16E-03	0.00049	2.9E-06	0.00031	0.00496		5.50E-03	0.000642	2.39E-06	0.000195	6.34E-03		0.006367	0.000649	1.76E-06	0.000215	0.007233
3156	491863.09	3846377.25	0.19558	0.23564	0.25582	0.20963		4.46E-03	0.00025	3.9E-06	0.00067	0.00539		5.90E-03	0.000332	3.13E-06	0.000416	6.65E-03		0.006838	0.000336	2.31E-06	0.000459	0.007635
3157	492363.09	3846377.25	0.19783	0.08083	0.27127	0.2932		4.51E-03	8.6E-05	4.1E-06	0.00094	0.00554		5.97E-03	0.000114	3.32E-06	0.000582	6.67E-03		0.006917	0.000115	2.45E-06	0.000642	0.007677
3158	492863.09	3846377.25	0.19723	0.08974	0.27211	0.31637		4.50E-03	9.6E-05	4.1E-06	0.00101	0.00561		5.95E-03	0.000126	3.33E-06	0.000628	6.71E-03		0.006896	0.000128	2.46E-06	0.000693	0.007719
3159	493363.09	3846377.25	0.19623	0.12028	0.27097	0.31418		4.48E-03	0.00013	4.1E-06	0.001	0.00561		5.92E-03	0.000169	3.32E-06	0.000624	6.72E-03		0.006861	0.000171	2.45E-06	0.000688	0.007723
3160	493863.09	3846377.25	0.19453	0.10777	0.26912	0.30775		4.44E-03	0.00011	4.1E-06	0.00098	0.00554		5.87E-03	0.000152	3.29E-06	0.000611	6.64E-03		0.006802	0.000153	2.43E-06	0.000674	0.007632
3161	494363.09	3846377.25	0.18939	0.10856	0.2616	0.30126		4.32E-03	0.00012	3.9E-06	0.00096	0.0054		5.72E-03	0.000153	3.2E-06	0.000598	6.47E-03		0.006622	0.000155	2.37E-06	0.00066	0.007439
3162	494863.09	3846377.25	0.1759	0.23077	0.23188	0.29499		4.01E-03	0.00025	3.5E-06	0.00094	0.00521		5.31E-03	0.000325	2.84E-06	0.000586	6.22E-03		0.00615	0.000329	2.1E-06	0.000646	0.007127
3163	495363.09	3846377.25	0.15308	0.42009	0.16996	0.28857		3.49E-03	0.00045	2.6E-06	0.00092	0.00487		4.62E-03	0.000592	2.08E-06	0.000573	5.79E-03		0.005352	0.000598	1.54E-06	0.000632	0.006584
3164	495863.09	3846377.25	0.12618	0.46052	0.102	0.27891		2.88E-03	0.00049	1.5E-06	0.00089	0.00426		3.81E-03	0.000649	1.25E-06	0.000554	5.01E-03		0.004412	0.000656	9.23E-07	0.000611	0.005679
3165	496363.09	3846377.25	0.10248	0.31678	0.118	0.2526		2.34E-03	0.00034	1.8E-06	0.00081	0.00349		3.09E-03	0.000446	1.44E-06	0.000501	4.04E-03		0.003583	0.000451	1.07E-06	0.000553	0.004589
3166	496863.09	3846377.25	0.10528	0.14209	0.13543	0.1908		2.40E-03	0.00015	2E-06	0.00061	0.00317		3.18E-03	0.0002	1.66E-06	0.000379	3.76E-03		0.003681	0.000202	1.23E-06	0.000418	0.004302
3167	497363.09	3846377.25	0.10587	0.14522	0.14027	0.1327		2.42E-03	0.00015	2.1E-06	0.00042	0.003		3.20E-03	0.000205	1.72E-06	0.000263	3.66E-03		0.003702	0.000207	1.27E-06	0.000291	0.0042
3168	497863.09	3846377.25	0.10605	0.14468	0.14125	0.14189		2.42E-03	0.00015	2.1E-06	0.00045	0.00303		3.20E-03	0.000204	1.73E-06	0.000282	3.69E-03		0.003708	0.000206	1.28E-06	0.000311	0.004226

3169	498363.09	3846377.25	0.1063	0.13713	0.14167	0.1426		2.43E-03	0.00015	2.1E-06	0.00046	0.00303		3.21E-03	0.000193	1.73E-06	0.000283	3.69E-03		0.003717	0.000195	1.28E-06	0.000312	0.004226	
3170	471363.09	3846877.25	0.80654	1.05807	0.92374	1.05278		1.84E-02	0.00113	1.4E-05	0.00337	0.02291		2.43E-02	0.001491	1.13E-05	0.00209	2.79E-02		0.028201	0.001507	8.36E-06	0.002305	0.032021	
3171	471863.09	3846877.25	0.78739	1.03436	0.881	0.84875		1.80E-02	0.0011	1.3E-05	0.00271	0.0218		2.38E-02	0.001457	1.08E-05	0.001685	2.69E-02		0.027531	0.001473	7.97E-06	0.001858	0.030871	
3172	472363.09	3846877.25	0.88438	1.10232	1.03804	0.8898		2.02E-02	0.00117	1.6E-05	0.00284	0.02422		2.67E-02	0.001553	1.27E-05	0.001766	3.00E-02		0.030922	0.00157	9.39E-06	0.001948	0.03445	
3173	472863.09	3846877.25	0.42145	0.5319	0.54345	0.30105		9.62E-03	0.00057	8.2E-06	0.00096	0.01116		1.27E-02	0.000749	6.65E-06	0.000598	1.41E-02		0.014736	0.000758	4.92E-06	0.000659	0.016158	
3174	473363.09	3846877.25	0.54191	0.68587	0.69462	0.37548		1.24E-02	0.00073	1E-05	0.0012	0.01431		1.64E-02	0.000966	8.5E-06	0.000745	1.81E-02		0.018948	0.000977	6.28E-06	0.000822	0.020753	
3175	473863.09	3846877.25	0.69199	0.85765	0.8726	0.61475		1.58E-02	0.00091	1.3E-05	0.00197	0.01868		2.09E-02	0.001208	1.07E-05	0.00122	2.33E-02		0.024195	0.001221	7.89E-06	0.001346	0.026771	
3176	474363.09	3846877.25	0.71854	0.89255	0.92058	0.59888		1.64E-02	0.00095	1.4E-05	0.00191	0.01928		2.17E-02	0.001258	1.13E-05	0.001189	2.41E-02		0.025124	0.001271	8.33E-06	0.001311	0.027715	
3177	474863.09	3846877.25	0.8955	1.21106	1.06776	0.79929		2.04E-02	0.00129	1.6E-05	0.00256	0.0243		2.70E-02	0.001706	1.31E-05	0.001587	3.03E-02		0.031311	0.001725	9.66E-06	0.00175	0.034796	
3178	475363.09	3846877.25	0.83632	1.0975	1.02347	0.83729		1.91E-02	0.00117	1.5E-05	0.00268	0.02295		2.52E-02	0.001546	1.25E-05	0.001662	2.85E-02		0.029242	0.001563	9.26E-06	0.001833	0.032648	
3179	475863.09	3846877.25	1.07036	1.25917	1.38476	0.75884		2.44E-02	0.00134	2.1E-05	0.00243	0.02821		3.23E-02	0.001774	1.69E-05	0.001506	3.56E-02		0.037425	0.001793	1.25E-05	0.001662	0.040892	
3180	476363.09	3846877.25	1.16415	1.33357	1.29133	0.88857		2.66E-02	0.00142	1.9E-05	0.00284	0.03085		3.51E-02	0.001879	1.58E-05	0.001764	3.88E-02		0.040704	0.001899	1.17E-05	0.001946	0.044561	
3181	476863.09	3846877.25	1.28845	1.45387	1.37347	0.78896		2.94E-02	0.00155	2.1E-05	0.00252	0.0335		3.89E-02	0.002048	1.68E-05	0.001566	4.25E-02		0.045051	0.002071	1.24E-05	0.001728	0.048861	
3182	477363.09	3846877.25	1.06181	1.15085	1.29338	0.96951		2.42E-02	0.00123	1.9E-05	0.0031	0.02858		3.20E-02	0.001621	1.58E-05	0.001924	3.56E-02		0.037126	0.001639	1.17E-05	0.002123	0.0409	
3183	477863.09	3846877.25	0.73364	0.68584	0.97587	0.6295		1.67E-02	0.00073	1.5E-05	0.00201	0.0195		2.21E-02	0.000966	1.19E-05	0.001249	2.44E-02		0.025652	0.000977	8.83E-06	0.001378	0.028016	
3184	478363.09	3846877.25	0.5625	0.6482	0.77902	0.47431		1.28E-02	0.00069	1.2E-05	0.00152	0.01506		1.70E-02	0.000913	9.53E-06	0.000941	1.88E-02		0.019668	0.000923	7.05E-06	0.001039	0.021637	
3185	478863.09	3846877.25	0.67929	0.72756	0.86954	0.47055		1.55E-02	0.00078	1.3E-05	0.0015	0.01779		2.05E-02	0.001025	1.06E-05	0.000934	2.25E-02		0.023751	0.001036	7.87E-06	0.00103	0.025826	
3186	479363.09	3846877.25	0.73382	0.90799	0.9569	0.48194		1.67E-02	0.00097	1.4E-05	0.00154	0.01927		2.21E-02	0.001279	1.17E-05	0.000957	2.44E-02		0.025658	0.001293	8.66E-06	0.001055	0.028015	
3187	479863.09	3846877.25	0.39755	0.60355	0.49691	0.42068		9.07E-03	0.00064	7.5E-06	0.00134	0.01107		1.20E-02	0.00085	6.08E-06	0.000835	1.37E-02		0.0139	0.00086	4.5E-06	0.000921	0.015686	
3188	480363.09	3846877.25	0.25484	0.31975	0.35361	0.24911		5.82E-03	0.00034	5.3E-06	0.0008	0.00696		7.69E-03	0.000451	4.33E-06	0.000494	8.64E-03		0.00891	0.000455	3.2E-06	0.000545	0.009915	
3189	480863.09	3846877.25	0.21572	0.24472	0.29275	0.24119		4.92E-03	0.00026	4.4E-06	0.00077	0.00596		6.51E-03	0.000345	3.58E-06	0.000479	7.34E-03		0.007543	0.000349	2.65E-06	0.000528	0.008422	
3190	481363.09	3846877.25	0.2351	0.43826	0.29321	0.22922		5.37E-03	0.00047	4.4E-06	0.00073	0.00657		7.10E-03	0.000617	3.59E-06	0.000455	8.17E-03		0.00822	0.000624	2.65E-06	0.000502	0.009349	
3191	481863.09	3846877.25	0.22525	0.36374	0.30071	0.21389		5.14E-03	0.00039	4.5E-06	0.00068	0.00622		6.80E-03	0.000512	3.68E-06	0.000425	7.74E-03		0.007876	0.000518	2.72E-06	0.000468	0.008865	
3192	482363.09	3846877.25	0.2113	0.27366	0.28675	0.3206		4.82E-03	0.00029	4.3E-06	0.00102	0.00614		6.38E-03	0.000386	3.51E-06	0.000636	7.40E-03		0.007388	0.00039	2.59E-06	0.000702	0.008482	
3193	482863.09	3846877.25	0.20154	0.37959	0.26241	0.3491		4.60E-03	0.0004	4E-06	0.00112	0.00612		6.08E-03	0.000535	3.21E-06	0.000693	7.31E-03		0.007047	0.000541	2.37E-06	0.000764	0.008354	
3194	483363.09	3846877.25	0.293	0.78973	0.25314	0.31458		6.69E-03	0.00084	3.8E-06	0.00101	0.00854		8.84E-03	0.001113	3.1E-06	0.000624	1.06E-02		0.010245	0.001125	2.29E-06	0.000689	0.012061	
3195	483863.09	3846877.25	0.3485	0.2554	0.46029	0.37556		7.95E-03	0.00027	6.9E-06	0.0012	0.00943		1.05E-02	0.00036	5.63E-06	0.000745	1.16E-02		0.012185	0.000364	4.16E-06	0.000822	0.013376	
3196	484363.09	3846877.25	0.34744	0.24683	0.47562	0.5029		7.93E-03	0.00026	7.2E-06	0.00161	0.00981		1.05E-02	0.000348	5.82E-06	0.000998	1.18E-02		0.012148	0.000352	4.3E-06	0.001101	0.013605	
3197	484863.09	3846877.25	0.34006	0.30858	0.46832	0.48882		7.76E-03	0.00033	7.1E-06	0.00156	0.00966		1.03E-02	0.000435	5.73E-06	0.00097	1.17E-02		0.01189	0.000439	4.24E-06	0.00107	0.013404	
3198	485363.09	3846877.25	0.31807	0.30554	0.40705	0.46964		7.26E-03	0.00033	6.1E-06	0.0015	0.00909		9.60E-03	0.00043	4.98E-06	0.000932	1.10E-02		0.011121	0.000435	3.68E-06	0.001028	0.012588	
3199	485863.09	3846877.25	0.24141	0.71897	0.2298	0.44422		5.51E-03	0.00077	3.5E-06	0.00142	0.0077		7.29E-03	0.001013	2.81E-06	0.000882	9.18E-03		0.008441	0.001024	2.08E-06	0.000973	0.01044	
3200	486363.09	3846877.25	0.16626	0.33847	0.22564	0.34787		3.79E-03	0.00036	3.4E-06	0.00111	0.00527		5.02E-03	0.000477	2.76E-06	0.00069	6.19E-03		0.005813	0.000482	2.04E-06	0.000762	0.007059	
3201	486863.09	3846877.25	0.13529	0.16845	0.17896	0.1949		3.09E-03	0.00018	2.7E-06	0.00062	0.00389		4.08E-03	0.000237	2.19E-06	0.000387	4.71E-03		0.00473	0.00024	1.62E-06	0.000427	0.005399	
3202	487363.09	3846877.25	0.12209	0.18097	0.15292	0.16425		2.79E-03	0.00019	2.3E-06	0.00053	0.00351		3.68E-03	0.000255	1.87E-06	0.000326	4.27E-03		0.004269	0.000258	1.38E-06	0.00036	0.004888	
3203	487863.09	3846877.25	0.10055	0.34439	0.10499	0.1438		2.29E-03	0.00037	1.6E-06	0.00046	0.00312		3.03E-03	0.000485	1.28E-06	0.000285	3.81E-03		0.003516	0.00049	9.5E-07	0.000315	0.004322	
3204	488363.09	3846877.25	0.08407	0.15907	0.11605	0.14162		1.92E-03	0.00017	1.7E-06	0.00045	0.00254		2.54E-03	0.000224	1.42E-06	0.000281	3.04E-03		0.00294	0.000227	1.05E-06	0.00031	0.003477	
3205	488863.09	3846877.25	0.08321	0.24212	0.11361	0.10593		1.90E-03	0.00026	1.7E-06	0.00034	0.0025		2.51E-03	0.000341	1.39E-06	0.00021	3.06E-03		0.002909	0.000345	1.03E-06	0.000232	0.003487	
3206	489363.09	3846877.25	0.08306	0.11666	0.11093	0.1063		1.90E-03	0.00012	1.7E-06	0.00034	0.00236		2.51E-03	0.000164	1.36E-06	0.000211	2.88E-03		0.002904	0.000166	1E-06	0.000233	0.003304	
3207	489863.09	3846877.25	0.08999	0.22195	0.10519	0.10754		2.05E-03	0.00024	1.6E-06	0.00034	0.00264		2.72E-03	0.000313	1.29E-06	0.000213	3.24E-03		0.003146	0.000316	9.52E-07	0.000235	0.003699	
3208	490363.09	3846877.25	0.13903	0.47045	0.08824	0.1085		3.17E-03	0.0005	1.3E-06	0.00035	0.00402		4.20E-03	0.000663	1.08E-06	0.000215	5.08E-03		0.004861	0.00067	7.98E-07	0.000238	0.00577	
3209	490863.09	3846877.25	0.17968	0.50571	0.17766	0.10219		4.10E-03	0.00054	2.7E-06	0.00033	0.00497		5.42E-03	0.000713	2.17E-06	0.000203	6.34E-03		0.006283	0.00072	1.61E-06	0.000224	0.007228	
3210	491363.09	3846877.25	0.19679	0.2852	0.25233	0.18621		4.49E-03	0.0003	3.8E-06	0.0006	0.00539		5.94E-03	0.000402	3.09E-06	0.00037	6.71E-03		0.006881	0.000406	2.28E-06	0.000408	0.007697	
3211	491863.09	3846877.25	0.19992	0.0911	0.27335	0.28521		4.56E-03	9.7E-05	4.1E-06	0.00091	0.00558		6.03E-03	0.000128	3.35E-06	0.000566	6.73E-03		0.00699	0.00013	2.47E-06	0.000625	0.007747	
3212	492363.09	3846877.25	0.19941	0.08688	0.27495	0.31711		4.55E-03	9.3E-05	4.1E-06	0.00101	0.00566		6.02E-03	0.000122	3.37E-06	0.000629	6.77E-03		0.006972	0.000124	2.49E-06	0.000694	0.007793	
3213	492863.09	3846877.25	0.19841	0.11473	0.2738	0.31615		4.53E-03	0.00012	4.1E-06	0.00101	0.00566		5.99E-03	0.000162	3.35E-06	0.000628	6.78E-03		0.006937	0.000163	2.48E-06	0.000692	0.007796	
3214	493363.09	3846877.25	0.19706	0.12189	0.27229	0.30954		4.50E-03	0.00013	4.1E-06	0.00099	0.00562		5.95E-03	0.000172	3.33E-06	0.000614	6.74E-03		0.00689	0.000174	2.46E-06	0.000678	0.007744	
3215	493863.09	3846877.25	0.19333	0.10969	0.26756	0.30287		4.41E-03	0.00012	4E-06	0.00097	0.0055		5.83E-03	0.000155	3.27E-06	0.000601	6.59E-03		0.00676	0.000156	2.42E-06	0.000663	0.007582	
3216	494363.09	3846877.25	0.18213	0.18306	0.24521	0.29646		4.16E-03	0.0002	3.7E-06	0.00095	0.0053		5.50E-03	0.000258	3E-06	0.000588	6.35E-03		0.006368	0.000261	2.22E-06	0.000649	0.00728	
3217	494863.09	3846877.25	0.16054	0.39207	0.18801	0.29016		3.66E-03	0.00042	2.8E-06	0.00093	0.00501		4.85E-03	0.000552	2.3E-06	0.000576	5.98E-03		0.005613	0.000558	1.7E-06	0.000635	0.006809	
3218	495363.09	3846877.25	0.13348	0.48479	0.11568	0.28226		3.05E-03	0.00052	1.7E-06	0.0009	0.00447		4.03E-03	0.000683	1.42E-06	0.00056	5.27E-03		0.004667	0.00069	1.05E-06	0.000618	0.005977	
3219	495863.09	3846877.25	0.10601	0.36197	0.12845	0.2625		2.42E-03	0.00039	1.9E-06	0.00084	0.00365		3.20E-03	0.00051	1.57E-06	0.000521	4.23E-03		0.003707	0.000515	1.16E-06	0.000575	0.004798	
3220	496363.09	3846877.25	0.10722	0.1704	0.13991	0.20924		2.45E-03	0.00018	2.1E-06	0.00067	0.0033		3.24E-03	0.00024	1.71E-06	0.000415	3.89E-03		0.003749	0.000243	1.27E-06	0.000458	0.004451	
3221	496863.09	3846877.25	0.10748	0.15508	0.14238	0.1396		2.45E-03	0.00017	2.1E-06	0.00045	0.00307		3.24E-03	0.000218	1.74E-06	0.000277	3.74E-03		0.003758	0.000221	1.29E-06	0.000306	0.004286	
3222	497363.09	3846877.25	0.10769	0.16475	0.14295	0.14401		2.46E-03	0.00018	2.2E-06	0.00046	0.0031		3.25E-03	0.000232	1.75E-06	0.000286	3.77E-03		0.003765	0.000235	1.29E-06	0.000315	0.004317	
3223	497863.09	3846877.25	0.10802	0.15865	0.14342	0.14322		2.47E-03	0.00017	2.2E-06	0.00046	0.00309		3.26E-03	0.000224	1.76E-06	0.000284	3.77E-03		0.003777	0.000226	1.3E-06	0.000314	0.004318	
3224	498363.09	3846877.25	0.10839	0.08529	0.14395	0.14183		2.47E-03	9.1E-05	2.2E-06	0.00045	0.00302		3.27E-03	0.00012	1.76E-06	0.000282	3.67E-03		0.00379	0.000121	1.3E-06	0.000311	0.004223	
3225	471363.09	3847377.25	0.73958	0.97414	0.83717	1.00479		1.69E-02	0.00104	1.3E-05	0.00321	0.02114		2.23E-02	0.001373	1.02E-05	0.001994	2.57E-02		0.025859	0.001387	7.57E-06	0.0022	0.029454	
3226	471863.09	3847377.25	0.8057	1.07303	0.96869	1.04019		1.84E-02	0.00114	1.5E-05	0.00333	0.02287		2.43E-02	0.001512	1.19E-05	0.002065	2.79E-02		0.028171	0.001528	8.76E-06	0.002278	0.031986	
3227	472363.09	3847377.25	0.86295	1.14564	0.98981	1.09797		1.97E-02	0.00122	1.5E-05	0.00351	0.02444		2.60E-02	0.001614	1.21E-05	0.002179	2.99E-02		0.030173	0.001632	8.95E-06	0.002404	0.034218	
3228	472863.09	3847377.25	0.83571	1.02332	0.90212	0.84978		1.91E-02	0.00109	1.4E-05	0.00272	0.02289		2.52E-02	0.001442	1.1E-05	0.001687	2.84E-02		0.029221	0.001457	8.16E-06	0.001861	0.032547	
3229	473363.09	3847377.25	0.75311	0.92353	0.97656	0.47166		1.72E-02	0.00098	1.5E-05	0.00151	0.01969		2.27E-02	0.001301	1.2E-05	0.000936	2.50E-02		0.026332	0.001315	8.83E-06	0.001033	0.028689	

3230	473863.09	3847377.25	0.70359	0.85574	0.90368	0.44864	1.61E-02	0.00091	1.4E-05	0.00143	0.01842	2.12E-02	0.001206	1.11E-05	0.000891	2.33E-02	0.024601	0.001219	8.18E-06	0.000982	0.02681
3231	474363.09	3847377.25	0.79766	0.99105	0.97127	0.63375	1.82E-02	0.00106	1.5E-05	0.00203	0.0213	2.41E-02	0.001396	1.19E-05	0.001258	2.67E-02	0.02789	0.001411	8.79E-06	0.001388	0.030698
3232	474863.09	3847377.25	0.80948	0.99498	0.9905	0.67514	1.85E-02	0.00106	1.5E-05	0.00216	0.02171	2.44E-02	0.001402	1.21E-05	0.00134	2.72E-02	0.028303	0.001417	8.96E-06	0.001478	0.031208
3233	475363.09	3847377.25	0.90842	1.22216	1.17695	0.75033	2.07E-02	0.0013	1.8E-05	0.0024	0.02445	2.74E-02	0.001722	1.44E-05	0.001489	3.06E-02	0.031763	0.001741	1.06E-05	0.001643	0.035157
3234	475863.09	3847377.25	1.02961	1.33708	1.29115	1.06288	2.35E-02	0.00142	1.9E-05	0.0034	0.02834	3.11E-02	0.001884	1.58E-05	0.00211	3.51E-02	0.036	0.001904	1.17E-05	0.002327	0.040243
3235	476363.09	3847377.25	1.29548	1.54955	1.63198	1.04515	2.96E-02	0.00165	2.5E-05	0.00334	0.03458	3.91E-02	0.002183	2E-05	0.002075	4.34E-02	0.045296	0.002207	1.48E-05	0.002289	0.049806
3236	476863.09	3847377.25	1.29773	1.48725	1.43039	1.0003	2.96E-02	0.00158	2.2E-05	0.0032	0.03442	3.92E-02	0.002095	1.75E-05	0.001985	4.33E-02	0.045375	0.002118	1.29E-05	0.00219	0.049696
3237	477363.09	3847377.25	1.47199	1.6793	1.57437	0.93827	3.36E-02	0.00179	2.4E-05	0.003	0.0384	4.44E-02	0.002366	1.93E-05	0.001862	4.87E-02	0.051468	0.002392	1.42E-05	0.002054	0.055928
3238	477863.09	3847377.25	1.15396	1.19346	1.4164	1.02095	2.63E-02	0.00127	2.1E-05	0.00326	0.03089	3.48E-02	0.001682	1.73E-05	0.002026	3.86E-02	0.040348	0.0017	1.28E-05	0.002236	0.044296
3239	478363.09	3847377.25	0.84252	0.75367	1.13952	0.7274	1.92E-02	0.0008	1.7E-05	0.00233	0.02237	2.54E-02	0.001062	1.39E-05	0.001444	2.79E-02	0.029459	0.001073	1.03E-05	0.001593	0.032135
3240	478863.09	3847377.25	0.72595	1.06622	0.96042	0.46812	1.66E-02	0.00114	1.4E-05	0.0015	0.01921	2.19E-02	0.001502	1.18E-05	0.000929	2.44E-02	0.025383	0.001518	8.69E-06	0.001025	0.027935
3241	479363.09	3847377.25	0.67001	0.74115	0.92793	0.45398	1.53E-02	0.00079	1.4E-05	0.00145	0.01755	2.02E-02	0.001044	1.14E-05	0.000901	2.22E-02	0.023427	0.001056	8.39E-06	0.000994	0.025485
3242	479863.09	3847377.25	0.47883	0.65379	0.64182	0.49613	1.09E-02	0.0007	9.7E-06	0.00159	0.01322	1.45E-02	0.000921	7.86E-06	0.000985	1.64E-02	0.016742	0.000931	5.81E-06	0.001086	0.018766
3243	480363.09	3847377.25	0.21072	0.27659	0.2897	0.37674	4.81E-03	0.00029	4.4E-06	0.0012	0.00631	6.36E-03	0.00039	3.55E-06	0.000748	7.50E-03	0.007368	0.000394	2.62E-06	0.000825	0.008589
3244	480863.09	3847377.25	0.19315	0.20417	0.26171	0.23582	4.41E-03	0.00022	3.9E-06	0.00075	0.00538	5.83E-03	0.000288	3.2E-06	0.000468	6.59E-03	0.006753	0.000291	2.37E-06	0.000516	0.007563
3245	481363.09	3847377.25	0.17485	0.28205	0.22781	0.24837	3.99E-03	0.0003	3.4E-06	0.00079	0.00509	5.28E-03	0.000397	2.79E-06	0.000493	6.17E-03	0.006114	0.000402	2.06E-06	0.000544	0.007061
3246	481863.09	3847377.25	0.24851	0.45148	0.33927	0.2139	5.67E-03	0.00048	5.1E-06	0.00068	0.00684	7.50E-03	0.000636	4.15E-06	0.000425	8.57E-03	0.008689	0.000643	3.07E-06	0.000468	0.009804
3247	482363.09	3847377.25	0.22997	0.35968	0.29376	0.29079	5.25E-03	0.00038	4.4E-06	0.00093	0.00657	6.94E-03	0.000507	3.6E-06	0.000577	8.03E-03	0.008041	0.000512	2.66E-06	0.000637	0.009193
3248	482863.09	3847377.25	0.2113	0.30028	0.28294	0.35165	4.82E-03	0.00032	4.3E-06	0.00112	0.00627	6.38E-03	0.000423	3.46E-06	0.000698	7.50E-03	0.007388	0.000428	2.56E-06	0.00077	0.008588
3249	483363.09	3847377.25	0.28768	0.82687	0.24389	0.33354	6.57E-03	0.00088	3.7E-06	0.00107	0.00852	8.68E-03	0.001165	2.99E-06	0.000662	1.05E-02	0.010059	0.001178	2.21E-06	0.00073	0.011969
3250	483863.09	3847377.25	0.3534	0.32179	0.45971	0.34704	8.06E-03	0.00034	6.9E-06	0.00111	0.00952	1.07E-02	0.000453	5.63E-06	0.000689	1.18E-02	0.012357	0.000458	4.16E-06	0.00076	0.013579
3251	484363.09	3847377.25	0.35251	0.2673	0.48023	0.50702	8.04E-03	0.00028	7.2E-06	0.00162	0.00996	1.06E-02	0.000377	5.88E-06	0.001006	1.20E-02	0.012325	0.000381	4.34E-06	0.00111	0.013821
3252	484863.09	3847377.25	0.34425	0.35955	0.47357	0.49243	7.86E-03	0.00038	7.1E-06	0.00157	0.00982	1.04E-02	0.000507	5.8E-06	0.000977	1.19E-02	0.012037	0.000512	4.28E-06	0.001078	0.013631
3253	485363.09	3847377.25	0.32649	0.23931	0.42818	0.47242	7.45E-03	0.00025	6.5E-06	0.00151	0.00922	9.85E-03	0.000337	5.24E-06	0.000938	1.11E-02	0.011416	0.000341	3.87E-06	0.001034	0.012795
3254	485863.09	3847377.25	0.25623	0.72648	0.26379	0.44933	5.85E-03	0.00077	4E-06	0.00144	0.00806	7.73E-03	0.001024	3.23E-06	0.000892	9.65E-03	0.008959	0.001035	2.39E-06	0.000984	0.01098
3255	486363.09	3847377.25	0.18554	0.40224	0.25192	0.37186	4.23E-03	0.00043	3.8E-06	0.00119	0.00586	5.60E-03	0.000567	3.08E-06	0.000738	6.91E-03	0.006487	0.000573	2.28E-06	0.000814	0.007877
3256	486863.09	3847377.25	0.15865	0.21663	0.21053	0.19653	3.62E-03	0.00023	3.2E-06	0.00063	0.00448	4.79E-03	0.000305	2.58E-06	0.00039	5.49E-03	0.005547	0.000309	1.9E-06	0.00043	0.006288
3257	487363.09	3847377.25	0.14051	0.22064	0.17413	0.18194	3.21E-03	0.00024	2.6E-06	0.00058	0.00403	4.24E-03	0.000311	2.13E-06	0.000361	4.91E-03	0.004913	0.000314	1.58E-06	0.000398	0.005627
3258	487863.09	3847377.25	0.1073	0.35856	0.15146	0.14699	2.45E-03	0.00038	2.3E-06	0.00047	0.0033	3.24E-03	0.000505	1.85E-06	0.000292	4.04E-03	0.003752	0.000511	1.37E-06	0.000322	0.004586
3259	488363.09	3847377.25	0.09207	0.22819	0.12654	0.14548	2.10E-03	0.00024	1.9E-06	0.00047	0.00281	2.78E-03	0.000322	1.55E-06	0.000289	3.39E-03	0.003219	0.000325	1.14E-06	0.000319	0.003864
3260	488863.09	3847377.25	0.08717	0.20619	0.12193	0.10674	1.99E-03	0.00022	1.8E-06	0.00034	0.00255	2.63E-03	0.000291	1.49E-06	0.000212	3.13E-03	0.003048	0.000294	1.1E-06	0.000234	0.003576
3261	489363.09	3847377.25	0.08533	0.16477	0.11966	0.10787	1.95E-03	0.00018	1.8E-06	0.00034	0.00247	2.58E-03	0.000232	1.46E-06	0.000214	3.02E-03	0.002984	0.000235	1.08E-06	0.000236	0.003455
3262	489863.09	3847377.25	0.12941	0.43185	0.11072	0.10986	2.95E-03	0.00046	1.7E-06	0.00035	0.00377	3.91E-03	0.000608	1.36E-06	0.000218	4.73E-03	0.004525	0.000615	1E-06	0.000241	0.005381
3263	490363.09	3847377.25	0.17608	0.54861	0.15655	0.11066	4.02E-03	0.00058	2.4E-06	0.00035	0.00496	5.31E-03	0.000773	1.92E-06	0.00022	6.31E-03	0.006157	0.000781	1.42E-06	0.000242	0.007182
3264	490863.09	3847377.25	0.19774	0.34334	0.24667	0.16013	4.51E-03	0.00037	3.7E-06	0.00051	0.00539	5.97E-03	0.000484	3.02E-06	0.000318	6.77E-03	0.006914	0.000489	2.23E-06	0.000351	0.007756
3265	491363.09	3847377.25	0.20208	0.12537	0.27523	0.27451	4.61E-03	0.00013	4.1E-06	0.00088	0.00563	6.10E-03	0.000177	3.37E-06	0.000545	6.82E-03	0.007066	0.000179	2.49E-06	0.000601	0.007848
3266	491863.09	3847377.25	0.20165	0.09871	0.27784	0.31748	4.60E-03	0.00011	4.2E-06	0.00101	0.00573	6.09E-03	0.000139	3.4E-06	0.00063	6.86E-03	0.007051	0.000141	2.51E-06	0.000695	0.007889
3267	492363.09	3847377.25	0.20063	0.10612	0.27671	0.31838	4.58E-03	0.00011	4.2E-06	0.00102	0.00571	6.06E-03	0.00015	3.39E-06	0.000632	6.84E-03	0.007015	0.000151	2.5E-06	0.000697	0.007866
3268	492863.09	3847377.25	0.19945	0.12926	0.27531	0.31156	4.55E-03	0.00014	4.1E-06	0.001	0.00569	6.02E-03	0.000182	3.37E-06	0.000618	6.82E-03	0.006974	0.000184	2.49E-06	0.000682	0.007843
3269	493363.09	3847377.25	0.19682	0.11491	0.27234	0.30459	4.49E-03	0.00012	4.1E-06	0.00097	0.00559	5.94E-03	0.000162	3.33E-06	0.000605	6.71E-03	0.006882	0.000164	2.46E-06	0.000667	0.007715
3270	493863.09	3847377.25	0.18798	0.20059	0.25676	0.29799	4.29E-03	0.00021	3.9E-06	0.00095	0.00546	5.67E-03	0.000283	3.14E-06	0.000591	6.55E-03	0.006573	0.000286	2.32E-06	0.000652	0.007513
3271	494363.09	3847377.25	0.16809	0.35156	0.2065	0.29165	3.84E-03	0.00037	3.1E-06	0.00093	0.00515	5.07E-03	0.000495	2.53E-06	0.000579	6.15E-03	0.005877	0.000501	1.87E-06	0.000639	0.007018
3272	494863.09	3847377.25	0.14094	0.49945	0.13114	0.2847	3.22E-03	0.00053	2E-06	0.00091	0.00466	4.25E-03	0.000704	1.61E-06	0.000565	5.52E-03	0.004928	0.000711	1.19E-06	0.000623	0.006264
3273	495363.09	3847377.25	0.1131	0.41	0.1366	0.27022	2.58E-03	0.00044	2.1E-06	0.00086	0.00388	3.41E-03	0.000578	1.67E-06	0.000536	4.53E-03	0.003955	0.000584	1.24E-06	0.000592	0.005131
3274	495863.09	3847377.25	0.10908	0.20444	0.14313	0.22653	2.49E-03	0.00022	2.2E-06	0.00072	0.00343	3.29E-03	0.000288	1.75E-06	0.00045	4.03E-03	0.003814	0.000291	1.29E-06	0.000496	0.004602
3275	496363.09	3847377.25	0.10921	0.14542	0.14426	0.14437	2.49E-03	0.00015	2.2E-06	0.00046	0.00311	3.30E-03	0.000205	1.77E-06	0.000287	3.79E-03	0.003819	0.000207	1.31E-06	0.000316	0.004343
3276	496863.09	3847377.25	0.10947	0.15009	0.14471	0.14532	2.50E-03	0.00016	2.2E-06	0.00046	0.00312	3.30E-03	0.000211	1.77E-06	0.000288	3.81E-03	0.003828	0.000214	1.31E-06	0.000318	0.004361
3277	497363.09	3847377.25	0.10989	0.1377	0.14527	0.14379	2.51E-03	0.00015	2.2E-06	0.00046	0.00312	3.32E-03	0.000194	1.78E-06	0.000285	3.80E-03	0.003842	0.000196	1.31E-06	0.000315	0.004355
3278	497863.09	3847377.25	0.11037	0.09352	0.14594	0.14239	2.52E-03	1E-04	2.2E-06	0.00046	0.00308	3.33E-03	0.000132	1.79E-06	0.000283	3.75E-03	0.003859	0.000133	1.32E-06	0.000312	0.004305
3279	498363.09	3847377.25	0.11036	0.13756	0.14629	0.14133	2.52E-03	0.00015	2.2E-06	0.00045	0.00312	3.33E-03	0.000194	1.79E-06	0.000281	3.81E-03	0.003859	0.000196	1.32E-06	0.000309	0.004365
3280	471363.09	3847877.25	0.72583	0.95833	0.89028	0.99976	1.66E-02	0.00102	1.3E-05	0.0032	0.02079	2.19E-02	0.00135	1.09E-05	0.001984	2.53E-02	0.025379	0.001365	8.05E-06	0.002189	0.028941
3281	471863.09	3847877.25	0.69543	0.99437	0.80595	1.10489	1.59E-02	0.00106	1.2E-05	0.00353	0.02047	2.10E-02	0.001401	9.86E-06	0.002193	2.46E-02	0.024316	0.001416	7.29E-06	0.002419	0.028158
3282	472363.09	3847877.25	0.81462	1.08871	0.96724	1.17146	1.86E-02	0.00116	1.5E-05	0.00375	0.02351	2.46E-02	0.001534	1.18E-05	0.002325	2.85E-02	0.028483	0.00155	8.75E-06	0.002565	0.032607
3283	472863.09	3847877.25	0.8761	1.15951	0.98678	1.21482	2.00E-02	0.00124	1.5E-05	0.00388	0.02513	2.64E-02	0.001634	1.21E-05	0.002411	3.05E-02	0.030633	0.001651	8.93E-06	0.00266	0.034953
3284	473363.09	3847877.25	0.87413	1.17455	0.97223	1.02935	1.99E-02	0.00125	1.5E-05	0.00329	0.02451	2.64E-02	0.001655	1.19E-05	0.002043	3.01E-02	0.030564	0.001673	8.8E-06	0.002254	0.034499
3285	473863.09	3847877.25	1.03439	1.28925	1.22659	1.05109	2.36E-02	0.00137	1.8E-05	0.00336	0.02836	3.12E-02	0.001816	1.5E-05	0.002086	3.51E-02	0.036167	0.001836	1.11E-05	0.002302	0.040316
3286	474363.09	3847877.25	0.85453	1.0663	1.08128	0.62447	1.95E-02	0.00114	1.6E-05	0.002	0.02265	2.58E-02	0.001502	1.32E-05	0.00124	2.85E-02	0.029879	0.001519	9.78E-06	0.001367	0.032774
3287	474863.09	3847877.25	0.96412	1.20722	1.22667	0.6974	2.20E-02	0.00129	1.8E-05	0.00223	0.02554	2.91E-02	0.001701	1.5E-05	0.001384	3.22E-02	0.03371	0.001719	1.11E-05	0.001527	0.036968
3288	475363.09	3847877.25	0.84979	1.03243	1.0582	0.77548	1.94E-02	0.0011	1.6E-05	0.00248	0.02299	2.56E-02	0.001455	1.3E-05	0.001539	2.87E-02	0.029713	0.00147	9.57E-06	0.001698	0.032891
3289	475863.09	3847877.25	1.02374	1.31583	1.29421	0.71366	2.34E-02	0.0014	2E-05	0.00228	0.02707	3.09E-02	0.001854	1.58E-05	0.001417	3.42E-02	0.035795	0.001874	1.17E-05	0.001563	0.039243
3290	476363.09	3847877.25	1.26269	1.62815	1.54587	1.35278	2.88E-02	0.00173	2.3E-05	0.00432	0.0349	3.81E-02	0.002294	1.89E-05	0.002685	4.31E-02	0.04415	0.002319	1.4E-05	0.002962	0.049445

3291	476863.09	3847877.25	1.42264	1.71553	1.76885	1.15388		3.25E-02	0.00183	2.7E-05	0.00369	0.03801		4.29E-02	0.002417	2.16E-05	0.00229	4.77E-02		0.049743	0.002443	1.6E-05	0.002527	0.054728
3292	477363.09	3847877.25	1.49137	1.71415	1.60894	1.21072		3.40E-02	0.00183	2.4E-05	0.00387	0.03976		4.50E-02	0.002415	1.97E-05	0.002403	4.98E-02		0.052146	0.002441	1.46E-05	0.002651	0.057252
3293	477863.09	3847877.25	1.66149	1.91438	1.79134	1.09646		3.79E-02	0.00204	2.7E-05	0.00351	0.04349		5.01E-02	0.002697	2.19E-05	0.002176	5.50E-02		0.058094	0.002726	1.62E-05	0.002401	0.063237
3294	478363.09	3847877.25	1.2701	1.24735	1.56072	1.10038		2.90E-02	0.00133	2.4E-05	0.00352	0.03386		3.83E-02	0.001757	1.91E-05	0.002184	4.23E-02		0.044409	0.001776	1.41E-05	0.002409	0.048609
3295	478863.09	3847877.25	0.91913	0.94779	1.23577	0.7981		2.10E-02	0.00101	1.9E-05	0.00255	0.02456		2.77E-02	0.001335	1.51E-05	0.001584	3.07E-02		0.032137	0.00135	1.12E-05	0.001748	0.035246
3296	479363.09	3847877.25	0.56694	0.80202	0.69158	0.39576		1.29E-02	0.00085	1E-05	0.00127	0.01507		1.71E-02	0.00113	8.46E-06	0.000786	1.90E-02		0.019823	0.001142	6.26E-06	0.000867	0.021838
3297	479863.09	3847877.25	0.32219	0.36318	0.40003	0.47315		7.35E-03	0.00039	6E-06	0.00151	0.00926		9.72E-03	0.000512	4.9E-06	0.000939	1.12E-02		0.011265	0.000517	3.62E-06	0.001036	0.012822
3298	480363.09	3847877.25	0.27834	0.31197	0.36214	0.48859		6.35E-03	0.00033	5.5E-06	0.00156	0.00825		8.40E-03	0.00044	4.43E-06	0.00097	9.81E-03		0.009732	0.000444	3.28E-06	0.00107	0.01125
3299	480863.09	3847877.25	0.22525	0.24619	0.31511	0.32059		5.14E-03	0.00026	4.7E-06	0.00102	0.00643		6.80E-03	0.000347	3.86E-06	0.000636	7.79E-03		0.007876	0.000351	2.85E-06	0.000702	0.008931
3300	481363.09	3847877.25	0.20319	0.27507	0.265	0.25622		4.64E-03	0.00029	4E-06	0.00082	0.00575		6.13E-03	0.000388	3.24E-06	0.000509	7.03E-03		0.007105	0.000392	2.4E-06	0.000561	0.00806
3301	481863.09	3847877.25	0.28253	0.62202	0.3791	0.2445		6.45E-03	0.00066	5.7E-06	0.00078	0.0079		8.53E-03	0.000876	4.64E-06	0.000485	9.89E-03		0.009879	0.000886	3.43E-06	0.000535	0.011303
3302	482363.09	3847877.25	0.29933	0.42419	0.40192	0.24617		6.83E-03	0.00045	6.1E-06	0.00079	0.00808		9.03E-03	0.000598	4.92E-06	0.000489	1.01E-02		0.010466	0.000604	3.64E-06	0.000539	0.011613
3303	482863.09	3847877.25	0.22115	0.22156	0.29682	0.34683		5.05E-03	0.00024	4.5E-06	0.00111	0.0064		6.67E-03	0.000312	3.63E-06	0.000688	7.68E-03		0.007732	0.000316	2.69E-06	0.000759	0.00881
3304	483363.09	3847877.25	0.28091	0.83575	0.25385	0.34673		6.41E-03	0.00089	3.8E-06	0.00111	0.00841		8.48E-03	0.001178	3.11E-06	0.000688	1.03E-02		0.009822	0.00119	2.3E-06	0.000759	0.011774
3305	483863.09	3847877.25	0.35874	0.40344	0.45799	0.3143		8.19E-03	0.00043	6.9E-06	0.001	0.00963		1.08E-02	0.000568	5.61E-06	0.000624	1.20E-02		0.012543	0.000575	4.14E-06	0.000688	0.01381
3306	484363.09	3847877.25	0.35842	0.27786	0.48561	0.51188		8.18E-03	0.0003	7.3E-06	0.00164	0.01012		1.08E-02	0.000391	5.94E-06	0.001016	1.22E-02		0.012532	0.000396	4.39E-06	0.001121	0.014053
3307	484863.09	3847877.25	0.34868	0.41235	0.47845	0.49669		7.96E-03	0.00044	7.2E-06	0.00159	0.00999		1.05E-02	0.000581	5.86E-06	0.000986	1.21E-02		0.012192	0.000587	4.33E-06	0.001088	0.013871
3308	485363.09	3847877.25	0.33403	0.28173	0.44609	0.47532		7.62E-03	0.0003	6.7E-06	0.00152	0.00945		1.01E-02	0.000397	5.46E-06	0.000943	1.14E-02		0.011679	0.000401	4.04E-06	0.001041	0.013125
3309	485863.09	3847877.25	0.27105	0.71306	0.29634	0.45365		6.19E-03	0.00076	4.5E-06	0.00145	0.0084		8.18E-03	0.001005	3.63E-06	0.0009	1.01E-02		0.009477	0.001016	2.68E-06	0.000993	0.011489
3310	486363.09	3847877.25	0.1981	0.47536	0.26776	0.39263		4.52E-03	0.00051	4E-06	0.00126	0.00629		5.98E-03	0.00067	3.28E-06	0.000779	7.43E-03		0.006927	0.000677	2.42E-06	0.00086	0.008466
3311	486863.09	3847877.25	0.17682	0.25809	0.23476	0.20873		4.04E-03	0.00027	3.5E-06	0.00067	0.00498		5.34E-03	0.000364	2.87E-06	0.000414	6.12E-03		0.006183	0.000368	2.12E-06	0.000457	0.007009
3312	487363.09	3847877.25	0.15006	0.31181	0.18334	0.19147		3.42E-03	0.00033	2.8E-06	0.00061	0.00437		4.53E-03	0.000439	2.24E-06	0.00038	5.35E-03		0.005247	0.000444	1.66E-06	0.000419	0.006112
3313	487863.09	3847877.25	0.11033	0.36782	0.1524	0.15124		2.52E-03	0.00039	2.3E-06	0.00048	0.0034		3.33E-03	0.000518	1.87E-06	0.0003	4.15E-03		0.003858	0.000524	1.38E-06	0.000331	0.004714
3314	488363.09	3847877.25	0.10937	0.26617	0.15195	0.14985		2.50E-03	0.00028	2.3E-06	0.00048	0.00326		3.30E-03	0.000375	1.86E-06	0.000297	3.98E-03		0.003824	0.000379	1.37E-06	0.000328	0.004533
3315	488863.09	3847877.25	0.10793	0.17895	0.14981	0.1081		2.46E-03	0.00019	2.3E-06	0.00035	0.003		3.26E-03	0.000252	1.83E-06	0.000215	3.73E-03		0.003774	0.000255	1.36E-06	0.000237	0.004267
3316	489363.09	3847877.25	0.11861	0.37397	0.13256	0.11014		2.71E-03	0.0004	2E-06	0.00035	0.00346		3.58E-03	0.000527	1.62E-06	0.000219	4.33E-03		0.004147	0.000533	1.2E-06	0.000241	0.004922
3317	489863.09	3847877.25	0.17101	0.57797	0.13208	0.11291		3.90E-03	0.00062	2E-06	0.00036	0.00488		5.16E-03	0.000814	1.62E-06	0.000224	6.20E-03		0.005979	0.000823	1.19E-06	0.000247	0.007051
3318	490363.09	3847877.25	0.19831	0.41053	0.23807	0.13233		4.53E-03	0.00044	3.6E-06	0.00042	0.00539		5.99E-03	0.000578	2.91E-06	0.000263	6.83E-03		0.006934	0.000585	2.15E-06	0.00029	0.00781
3319	490863.09	3847877.25	0.20427	0.16167	0.27673	0.26014		4.66E-03	0.00017	4.2E-06	0.00083	0.00567		6.17E-03	0.000228	3.39E-06	0.000516	6.91E-03		0.007142	0.00023	2.5E-06	0.00057	0.007945
3320	491363.09	3847877.25	0.20397	0.123	0.2808	0.31731		4.65E-03	0.00013	4.2E-06	0.00101	0.0058		6.16E-03	0.000173	3.44E-06	0.00063	6.96E-03		0.007132	0.000175	2.54E-06	0.000695	0.008004
3321	491863.09	3847877.25	0.20292	0.12015	0.2797	0.32093		4.63E-03	0.00013	4.2E-06	0.00103	0.00579		6.12E-03	0.000169	3.42E-06	0.000637	6.93E-03		0.007095	0.000171	2.53E-06	0.000703	0.007971
3322	492363.09	3847877.25	0.2018	0.12634	0.27831	0.31385		4.61E-03	0.00013	4.2E-06	0.001	0.00575		6.09E-03	0.000178	3.41E-06	0.000623	6.89E-03		0.007056	0.00018	2.52E-06	0.000687	0.007926
3323	492863.09	3847877.25	0.19991	0.12572	0.27628	0.30649		4.56E-03	0.00013	4.2E-06	0.00098	0.00568		6.03E-03	0.000177	3.38E-06	0.000608	6.82E-03		0.00699	0.000179	2.5E-06	0.000671	0.007842
3324	493363.09	3847877.25	0.19332	0.24208	0.26627	0.29963		4.41E-03	0.00026	4E-06	0.00096	0.00563		5.83E-03	0.000341	3.26E-06	0.000595	6.77E-03		0.006759	0.000345	2.41E-06	0.000656	0.007763
3325	493863.09	3847877.25	0.17566	0.30029	0.22478	0.29317		4.01E-03	0.00032	3.4E-06	0.00094	0.00527		5.30E-03	0.000423	2.75E-06	0.000582	6.31E-03		0.006142	0.000428	2.03E-06	0.000642	0.007214
3326	494363.09	3847877.25	0.14863	0.50057	0.14852	0.28663		3.39E-03	0.00053	2.2E-06	0.00092	0.00484		4.49E-03	0.000705	1.82E-06	0.000569	5.76E-03		0.005197	0.000713	1.34E-06	0.000628	0.006539
3327	494863.09	3847877.25	0.12037	0.45917	0.1425	0.27588		2.75E-03	0.00049	2.1E-06	0.00088	0.00412		3.63E-03	0.000647	1.74E-06	0.000548	4.83E-03		0.004209	0.000654	1.29E-06	0.000604	0.005468
3328	495363.09	3847877.25	0.11101	0.24484	0.14561	0.24198		2.53E-03	0.00026	2.2E-06	0.00077	0.00357		3.35E-03	0.000345	1.78E-06	0.00048	4.18E-03		0.003881	0.000349	1.32E-06	0.00053	0.004761
3329	495863.09	3847877.25	0.11112	0.10685	0.14611	0.16427		2.54E-03	0.00011	2.2E-06	0.00053	0.00318		3.35E-03	0.000151	1.79E-06	0.000326	3.83E-03		0.003885	0.000152	1.32E-06	0.00036	0.004398
3330	496363.09	3847877.25	0.11148	0.11639	0.14663	0.14632		2.54E-03	0.00012	2.2E-06	0.00047	0.00314		3.36E-03	0.000164	1.79E-06	0.00029	3.82E-03		0.003898	0.000166	1.33E-06	0.00032	0.004385
3331	496863.09	3847877.25	0.11198	0.09689	0.14728	0.14447		2.56E-03	0.0001	2.2E-06	0.00046	0.00312		3.38E-03	0.000137	1.8E-06	0.000287	3.80E-03		0.003915	0.000138	1.33E-06	0.000316	0.004371
3332	497363.09	3847877.25	0.1125	0.13176	0.14805	0.14308		2.57E-03	0.00014	2.2E-06	0.00046	0.00317		3.40E-03	0.000186	1.81E-06	0.000284	3.87E-03		0.003934	0.000188	1.34E-06	0.000313	0.004436
3333	497863.09	3847877.25	0.11235	0.22114	0.14832	0.14216		2.56E-03	0.00024	2.2E-06	0.00045	0.00326		3.39E-03	0.000312	1.82E-06	0.000282	3.99E-03		0.003928	0.000315	1.34E-06	0.000311	0.004556
3334	498363.09	3847877.25	0.10957	0.25442	0.14421	0.14154		2.50E-03	0.00027	2.2E-06	0.00045	0.00323		3.31E-03	0.000358	1.77E-06	0.000281	3.95E-03		0.003831	0.000362	1.3E-06	0.00031	0.004505
3335	471363.09	3848377.25	0.79124	0.86655	0.90608	0.87684		1.81E-02	0.00092	1.4E-05	0.0028	0.0218		2.39E-02	0.001221	1.11E-05	0.00174	2.69E-02		0.027666	0.001234	8.2E-06	0.00192	0.030828
3336	471863.09	3848377.25	0.80101	0.90532	0.8929	1.0014		1.83E-02	0.00096	1.3E-05	0.0032	0.02246		2.42E-02	0.001276	1.09E-05	0.001988	2.74E-02		0.028007	0.001289	8.08E-06	0.002193	0.031497
3337	472363.09	3848377.25	0.77708	1.03015	0.9498	1.07347		1.77E-02	0.0011	1.4E-05	0.00343	0.02228		2.35E-02	0.001451	1.16E-05	0.002131	2.70E-02		0.027171	0.001467	8.59E-06	0.002351	0.030997
3338	472863.09	3848377.25	0.76639	1.07191	0.86287	1.1756		1.75E-02	0.00114	1.3E-05	0.00376	0.0224		2.31E-02	0.00151	1.06E-05	0.002333	2.70E-02		0.026797	0.001527	7.81E-06	0.002574	0.030905
3339	473363.09	3848377.25	0.89021	1.19458	1.07076	1.24323		2.03E-02	0.00127	1.6E-05	0.00397	0.02558		2.69E-02	0.001683	1.31E-05	0.002468	3.10E-02		0.031126	0.001701	9.69E-06	0.002722	0.035559
3340	473863.09	3848377.25	0.9565	1.286	1.0836	1.2998		2.18E-02	0.00137	1.6E-05	0.00416	0.02737		2.89E-02	0.001812	1.33E-05	0.00258	3.33E-02		0.033444	0.001831	9.8E-06	0.002846	0.038131
3341	474363.09	3848377.25	1.00141	1.22364	1.09348	1.09535		2.29E-02	0.0013	1.6E-05	0.0035	0.02767		3.02E-02	0.001724	1.34E-05	0.002174	3.41E-02		0.035014	0.001743	9.89E-06	0.002398	0.039165
3342	474863.09	3848377.25	1.02533	1.26067	1.27826	0.76043		2.34E-02	0.00134	1.9E-05	0.00243	0.02719		3.09E-02	0.001776	1.56E-05	0.001509	3.42E-02		0.035851	0.001795	1.16E-05	0.001665	0.039323
3343	475363.09	3848377.25	1.1319	1.4115	1.348	0.99074		2.58E-02	0.0015	2E-05	0.00317	0.03052		3.42E-02	0.001989	1.65E-05	0.001967	3.81E-02		0.039577	0.00201	1.22E-05	0.002169	0.043769
3344	475863.09	3848377.25	1.03046	1.28887	1.31131	0.91105		2.35E-02	0.00137	2E-05	0.00291	0.02782		3.11E-02	0.001816	1.6E-05	0.001808	3.47E-02		0.03603	0.001836	1.19E-05	0.001995	0.039872
3345	476363.09	3848377.25	1.13845	1.47767	1.37018	0.69112		2.60E-02	0.00157	2.1E-05	0.00221	0.02978		3.44E-02	0.002082	1.68E-05	0.001372	3.78E-02		0.039806	0.002104	1.24E-05	0.001513	0.043436
3346	476863.09	3848377.25	1.42994	1.8748	1.69423	1.59731		3.26E-02	0.002	2.6E-05	0.00511	0.03976		4.32E-02	0.002641	2.07E-05	0.00317	4.90E-02		0.049998	0.00267	1.53E-05	0.003498	0.056181
3347	477363.09	3848377.25	1.54024	1.87231	1.89189	1.21196		3.51E-02	0.00199	2.9E-05	0.00387	0.04105		4.65E-02	0.002638	2.32E-05	0.002406	5.16E-02		0.053854	0.002666	1.71E-05	0.002654	0.059192
3348	477863.09	3848377.25	1.66325	1.91766	1.77023	1.36602		3.80E-02	0.00204	2.7E-05	0.00437	0.04439		5.02E-02	0.002702	2.17E-05	0.002711	5.56E-02		0.058155	0.002731	1.6E-05	0.002991	0.063894
3349	478363.09	3848377.25	1.83093	2.12322	2.00236	1.21537		4.18E-02	0.00226	3E-05	0.00389	0.04796		5.53E-02	0.002991	2.45E-05	0.002412	6.07E-02		0.064018	0.003024	1.81E-05	0.002661	0.069722
3350	478863.09	3848377.25	1.29219	1.18805	1.5928	1.04786		2.95E-02	0.00127	2.4E-05	0.00335	0.03413		3.90E-02	0.001674	1.95E-05	0.00208	4.28E-02		0.045181	0.001692	1.44E-05	0.002294	0.049182
3351	479363.09	3848377.25	0.68143	0.80021	0.84856	0.62891		1.56E-02	0.00085	1.3E-05	0.00201	0.01843		2.06E-02	0.001127	1.04E-05	0.001248	2.30E-02		0.023826	0.00114	7.68E-06	0.001377	0.026351

3352	479863.09	3848377.25	0.28853	0.38431	0.3382	0.34238	6.58E-03	0.00041	5.1E-06	0.00109	0.00809	8.71E-03	0.000541	4.14E-06	0.00068	9.93E-03	0.010088	0.000547	3.06E-06	0.00075	0.011389
3353	480363.09	3848377.25	0.32527	0.34865	0.40873	0.51722	7.42E-03	0.00037	6.2E-06	0.00165	0.00945	9.82E-03	0.000491	5E-06	0.001027	1.13E-02	0.011373	0.000497	3.7E-06	0.001133	0.013006
3354	480863.09	3848377.25	0.43579	0.74274	0.54629	0.45833	9.95E-03	0.00079	8.2E-06	0.00147	0.01221	1.32E-02	0.001046	6.69E-06	0.00091	1.51E-02	0.015237	0.001058	4.94E-06	0.001004	0.017304
3355	481363.09	3848377.25	0.32729	0.44153	0.44809	0.28954	7.47E-03	0.00047	6.8E-06	0.00093	0.00887	9.88E-03	0.000622	5.48E-06	0.000575	1.11E-02	0.011444	0.000629	4.05E-06	0.000634	0.012711
3356	481863.09	3848377.25	0.29193	0.60964	0.36168	0.26654	6.66E-03	0.00065	5.5E-06	0.00085	0.00817	8.81E-03	0.000859	4.43E-06	0.000529	1.02E-02	0.010207	0.000868	3.27E-06	0.000584	0.011662
3357	482363.09	3848377.25	0.34488	0.52596	0.43229	0.27184	7.87E-03	0.00056	6.5E-06	0.00087	0.00931	1.04E-02	0.000741	5.29E-06	0.00054	1.17E-02	0.012059	0.000749	3.91E-06	0.000595	0.013407
3358	482863.09	3848377.25	0.33323	0.34802	0.47362	0.33115	7.60E-03	0.00037	7.1E-06	0.00106	0.00904	1.01E-02	0.00049	5.8E-06	0.000657	1.12E-02	0.011651	0.000496	4.28E-06	0.000725	0.012876
3359	483363.09	3848377.25	0.29876	0.80762	0.40087	0.35508	6.82E-03	0.00086	6E-06	0.00114	0.00882	9.02E-03	0.001138	4.91E-06	0.000705	1.09E-02	0.010446	0.00115	3.63E-06	0.000778	0.012377
3360	483863.09	3848377.25	0.36425	0.50092	0.45437	0.32287	8.31E-03	0.00053	6.8E-06	0.00103	0.00989	1.10E-02	0.000706	5.56E-06	0.000641	1.23E-02	0.012736	0.000713	4.11E-06	0.000707	0.01416
3361	484363.09	3848377.25	0.36542	0.28945	0.49216	0.51732	8.34E-03	0.00031	7.4E-06	0.00165	0.01031	1.10E-02	0.000408	6.02E-06	0.001027	1.25E-02	0.012777	0.000412	4.45E-06	0.001133	0.014326
3362	484863.09	3848377.25	0.35361	0.47403	0.48336	0.50248	8.07E-03	0.00051	7.3E-06	0.00161	0.01019	1.07E-02	0.000668	5.92E-06	0.000997	1.23E-02	0.012364	0.000675	4.37E-06	0.0011	0.014144
3363	485363.09	3848377.25	0.34073	0.35442	0.46057	0.47843	7.78E-03	0.00038	6.9E-06	0.00153	0.00969	1.03E-02	0.000499	5.64E-06	0.00095	1.17E-02	0.011914	0.000505	4.17E-06	0.001048	0.01347
3364	485863.09	3848377.25	0.28578	0.67587	0.31956	0.45724	6.52E-03	0.00072	4.8E-06	0.00146	0.00871	8.63E-03	0.000952	3.91E-06	0.000908	1.05E-02	0.009992	0.000963	2.89E-06	0.001001	0.011959
3365	486363.09	3848377.25	0.21694	0.55738	0.29484	0.40975	4.95E-03	0.00059	4.4E-06	0.00131	0.00686	6.55E-03	0.000785	3.61E-06	0.000813	8.15E-03	0.007585	0.000794	2.67E-06	0.000897	0.009279
3366	486863.09	3848377.25	0.19387	0.28185	0.2579	0.22098	4.42E-03	0.0003	3.9E-06	0.00071	0.00543	5.85E-03	0.000397	3.16E-06	0.000439	6.69E-03	0.006779	0.000401	2.33E-06	0.000484	0.007666
3367	487363.09	3848377.25	0.15654	0.29991	0.18823	0.19728	3.57E-03	0.00032	2.8E-06	0.00063	0.00453	4.72E-03	0.000423	2.3E-06	0.000392	5.54E-03	0.005473	0.000427	1.7E-06	0.000432	0.006334
3368	487863.09	3848377.25	0.13242	0.38985	0.15582	0.15662	3.02E-03	0.00042	2.3E-06	0.0005	0.00394	4.00E-03	0.000549	1.91E-06	0.000311	4.86E-03	0.00463	0.000555	1.41E-06	0.000343	0.00553
3369	488363.09	3848377.25	0.11583	0.28517	0.15264	0.15437	2.64E-03	0.0003	2.3E-06	0.00049	0.00344	3.50E-03	0.000402	1.87E-06	0.000306	4.21E-03	0.00405	0.000406	1.38E-06	0.000338	0.004796
3370	488863.09	3848377.25	0.10771	0.30126	0.14876	0.11464	2.46E-03	0.00032	2.2E-06	0.00037	0.00315	3.25E-03	0.000424	1.82E-06	0.000228	3.90E-03	0.003766	0.000429	1.35E-06	0.000251	0.004447
3371	489363.09	3848377.25	0.1642	0.58593	0.14145	0.11322	3.75E-03	0.00062	2.1E-06	0.00036	0.00474	4.96E-03	0.000826	1.73E-06	0.000225	6.01E-03	0.005741	0.000834	1.28E-06	0.000248	0.006825
3372	489863.09	3848377.25	0.19834	0.48529	0.22558	0.11662	4.53E-03	0.00052	3.4E-06	0.00037	0.00542	5.99E-03	0.000684	2.76E-06	0.000231	6.90E-03	0.006935	0.000691	2.04E-06	0.000255	0.007883
3373	490363.09	3848377.25	0.2065	0.20289	0.27762	0.24132	4.71E-03	0.00022	4.2E-06	0.00077	0.0057	6.23E-03	0.000286	3.4E-06	0.000479	7.00E-03	0.00722	0.000289	2.51E-06	0.000528	0.00804
3374	490863.09	3848377.25	0.20639	0.19646	0.28385	0.31636	4.71E-03	0.00021	4.3E-06	0.00101	0.00593	6.23E-03	0.000277	3.47E-06	0.000628	7.14E-03	0.007216	0.00028	2.57E-06	0.000693	0.008191
3375	491363.09	3848377.25	0.2053	0.13667	0.2828	0.32386	4.69E-03	0.00015	4.3E-06	0.00104	0.00587	6.20E-03	0.000193	3.46E-06	0.000643	7.03E-03	0.007178	0.000195	2.56E-06	0.000709	0.008085
3376	491863.09	3848377.25	0.20417	0.15056	0.28137	0.31647	4.66E-03	0.00016	4.2E-06	0.00101	0.00584	6.16E-03	0.000212	3.44E-06	0.000628	7.01E-03	0.007139	0.000214	2.55E-06	0.000693	0.008049
3377	492363.09	3848377.25	0.20269	0.1633	0.27972	0.30863	4.63E-03	0.00017	4.2E-06	0.00099	0.00579	6.12E-03	0.00023	3.42E-06	0.000613	6.96E-03	0.007087	0.000233	2.53E-06	0.000676	0.007998
3378	492863.09	3848377.25	0.19806	0.28284	0.27374	0.30141	4.52E-03	0.0003	4.1E-06	0.00096	0.00579	5.98E-03	0.000399	3.35E-06	0.000598	6.98E-03	0.006925	0.000403	2.48E-06	0.00066	0.00799
3379	493363.09	3848377.25	0.18315	0.28315	0.24203	0.29471	4.18E-03	0.0003	3.6E-06	0.00094	0.00543	5.53E-03	0.000399	2.96E-06	0.000585	6.51E-03	0.006404	0.000403	2.19E-06	0.000645	0.007455
3380	493863.09	3848377.25	0.15659	0.48529	0.16786	0.28828	3.57E-03	0.00052	2.5E-06	0.00092	0.00501	4.73E-03	0.000684	2.05E-06	0.000572	5.98E-03	0.005475	0.000691	1.52E-06	0.000631	0.006799
3381	494363.09	3848377.25	0.12775	0.50643	0.14663	0.27988	2.92E-03	0.00054	2.2E-06	0.00089	0.00435	3.86E-03	0.000714	1.79E-06	0.000556	5.13E-03	0.004467	0.000721	1.33E-06	0.000613	0.005802
3382	494863.09	3848377.25	0.11317	0.292	0.14784	0.25493	2.58E-03	0.00031	2.2E-06	0.00082	0.00371	3.42E-03	0.000411	1.81E-06	0.000506	4.33E-03	0.003957	0.000416	1.34E-06	0.000558	0.004932
3383	495363.09	3848377.25	0.11335	0.09852	0.14819	0.18593	2.59E-03	0.0001	2.2E-06	0.00059	0.00329	3.42E-03	0.000139	1.81E-06	0.000369	3.93E-03	0.003963	0.00014	1.34E-06	0.000407	0.004512
3384	495863.09	3848377.25	0.11376	0.09986	0.14875	0.14727	2.60E-03	0.00011	2.2E-06	0.00047	0.00318	3.43E-03	0.000141	1.82E-06	0.000292	3.87E-03	0.003978	0.000142	1.35E-06	0.000322	0.004444
3385	496363.09	3848377.25	0.11436	0.12472	0.14955	0.14532	2.61E-03	0.00013	2.3E-06	0.00046	0.00321	3.45E-03	0.000176	1.83E-06	0.000288	3.92E-03	0.003999	0.000178	1.35E-06	0.000318	0.004496
3386	496863.09	3848377.25	0.11489	0.22447	0.15041	0.14397	2.62E-03	0.00024	2.3E-06	0.00046	0.00332	3.47E-03	0.000316	1.84E-06	0.000286	4.07E-03	0.004017	0.00032	1.36E-06	0.000315	0.004653
3387	497363.09	3848377.25	0.11437	0.26601	0.15036	0.14317	2.61E-03	0.00028	2.3E-06	0.00046	0.00335	3.45E-03	0.000375	1.84E-06	0.000284	4.11E-03	0.003999	0.000379	1.36E-06	0.000313	0.004693
3388	497863.09	3848377.25	0.12253	0.35908	0.14818	0.14277	2.80E-03	0.00038	2.2E-06	0.00046	0.00364	3.70E-03	0.000506	1.81E-06	0.000283	4.49E-03	0.004284	0.000511	1.34E-06	0.000313	0.00511
3389	498363.09	3848377.25	0.14897	0.44637	0.15048	0.14258	3.40E-03	0.00048	2.3E-06	0.00046	0.00433	4.50E-03	0.000629	1.84E-06	0.000283	5.41E-03	0.005209	0.000636	1.36E-06	0.000312	0.006158
3390	471363.09	3848877.25	0.60688	0.71705	0.66551	0.76488	1.38E-02	0.00076	1E-05	0.00245	0.01707	1.83E-02	0.00101	8.15E-06	0.001518	2.09E-02	0.02122	0.001021	6.02E-06	0.001675	0.023922
3391	471863.09	3848877.25	0.76193	0.84652	0.88471	0.93332	1.74E-02	0.0009	1.3E-05	0.00298	0.02129	2.30E-02	0.001193	1.08E-05	0.001853	2.61E-02	0.026641	0.001206	8E-06	0.002044	0.029898
3392	472363.09	3848877.25	0.85958	0.93718	0.99003	0.95968	1.96E-02	0.001	1.5E-05	0.00307	0.0237	2.59E-02	0.00132	1.21E-05	0.001905	2.92E-02	0.030055	0.001335	8.96E-06	0.002101	0.0335
3393	472863.09	3848877.25	0.85531	1.0027	0.95331	1.12967	1.95E-02	0.00107	1.4E-05	0.00361	0.02421	2.58E-02	0.001413	1.17E-05	0.002242	2.95E-02	0.029906	0.001428	8.62E-06	0.002474	0.033816
3394	473363.09	3848877.25	0.78252	1.09015	0.93258	1.2402	1.79E-02	0.00116	1.4E-05	0.00396	0.023	2.36E-02	0.001536	1.14E-05	0.002462	2.76E-02	0.027361	0.001553	8.44E-06	0.002716	0.031637
3395	473863.09	3848877.25	0.86838	1.16978	1.0045	1.32101	1.98E-02	0.00125	1.5E-05	0.00422	0.0253	2.62E-02	0.001648	1.23E-05	0.002622	3.05E-02	0.030363	0.001666	9.09E-06	0.002893	0.03493
3396	474363.09	3848877.25	0.91497	1.24993	1.01298	1.41755	2.09E-02	0.00133	1.5E-05	0.00453	0.02676	2.76E-02	0.001761	1.24E-05	0.002814	3.22E-02	0.031992	0.00178	9.16E-06	0.003104	0.036885
3397	474863.09	3848877.25	1.11825	1.43453	1.26415	1.0807	2.55E-02	0.00153	1.9E-05	0.00346	0.03052	3.37E-02	0.002021	1.55E-05	0.002145	3.79E-02	0.0391	0.002043	1.14E-05	0.002366	0.04352
3398	475363.09	3848877.25	1.21986	1.52035	1.47864	1.12075	2.78E-02	0.00162	2.2E-05	0.00358	0.03306	3.68E-02	0.002142	1.81E-05	0.002225	4.12E-02	0.042652	0.002165	1.34E-05	0.002454	0.047285
3399	475863.09	3848877.25	1.14567	1.39391	1.35139	1.10874	2.61E-02	0.00148	2E-05	0.00354	0.0312	3.46E-02	0.001964	1.65E-05	0.002201	3.88E-02	0.040058	0.001985	1.22E-05	0.002428	0.044483
3400	476363.09	3848877.25	1.21107	1.49174	1.41908	1.03123	2.76E-02	0.00159	2.1E-05	0.0033	0.03255	3.66E-02	0.002102	1.74E-05	0.002047	4.07E-02	0.042345	0.002124	1.28E-05	0.002258	0.04674
3401	476863.09	3848877.25	1.37604	1.7684	1.50538	1.01674	3.14E-02	0.00188	2.3E-05	0.00325	0.03656	4.15E-02	0.002492	1.84E-05	0.002018	4.61E-02	0.048113	0.002518	1.36E-05	0.002226	0.052872
3402	477363.09	3848877.25	1.52029	2.02846	1.71151	1.82969	3.47E-02	0.00216	2.6E-05	0.00585	0.04273	4.59E-02	0.002858	2.09E-05	0.003632	5.24E-02	0.053157	0.002889	1.55E-05	0.004006	0.060068
3403	477863.09	3848877.25	1.6876	2.07421	2.0109	1.41079	3.85E-02	0.00221	3E-05	0.00451	0.04526	5.09E-02	0.002922	2.46E-05	0.0028	5.67E-02	0.059007	0.002954	1.82E-05	0.003089	0.065068
3404	478363.09	3848877.25	1.88101	2.18531	1.94666	1.61475	4.29E-02	0.00233	2.9E-05	0.00516	0.05045	5.68E-02	0.003079	2.38E-05	0.003205	6.31E-02	0.065769	0.003112	1.76E-05	0.003536	0.072435
3405	478863.09	3848877.25	2.01483	2.33856	2.24948	1.33601	4.60E-02	0.00249	3.4E-05	0.00427	0.05278	6.08E-02	0.003295	2.75E-05	0.002652	6.68E-02	0.070448	0.00333	2.04E-05	0.002925	0.076725
3406	479363.09	3848877.25	1.2746	1.09581	1.58553	0.95572	2.91E-02	0.00117	2.4E-05	0.00306	0.03333	3.85E-02	0.001544	1.94E-05	0.001897	4.19E-02	0.044566	0.001561	1.43E-05	0.002093	0.048234
3407	479863.09	3848877.25	0.6726	0.87928	0.79797	0.63255	1.53E-02	0.00094	1.2E-05	0.00202	0.01832	2.03E-02	0.001239	9.77E-06	0.001256	2.28E-02	0.023517	0.001252	7.22E-06	0.001385	0.026162
3408	480363.09	3848877.25	0.81772	0.78425	1.07801	0.83959	1.87E-02	0.00084	1.6E-05	0.00268	0.0222	2.47E-02	0.001105	1.32E-05	0.001666	2.75E-02	0.028592	0.001117	9.75E-06	0.001838	0.031557
3409	480863.09	3848877.25	0.86334	0.94889	1.08561	1.08012	1.97E-02	0.00101	1.6E-05	0.00345	0.02418	2.61E-02	0.001337	1.33E-05	0.002144	2.96E-02	0.030187	0.001351	9.82E-06	0.002365	0.033913
3410	481363.09	3848877.25	0.54383	1.29374	0.6963	0.40831	1.24E-02	0.00138	1E-05	0.00131	0.0151	1.64E-02	0.001823	8.52E-06	0.00081	1.91E-02	0.019015	0.001842	6.3E-06	0.000894	0.021758
3411	481863.09	3848877.25	0.3952	0.56847	0.50962	0.30524	9.02E-03	0.00061	7.7E-06	0.00098	0.01061	1.19E-02	0.000801	6.24E-06	0.000606	1.33E-02	0.013818	0.00081	4.61E-06	0.000668	0.015301
3412	482363.09	3848877.25	0.30161	0.64771	0.41727	0.26158	6.88E-03	0.00069	6.3E-06	0.00084	0.00842	9.10E-03	0.000913	5.11E-06	0.000519	1.05E-02	0.010546	0.000922	3.77E-06	0.000573	0.012045

3413	482863.09	3848877.25	0.25205	0.33697	0.32637	0.29987	5.75E-03	0.00036	4.9E-06	0.00096	0.00707	7.61E-03	0.000475	3.99E-06	0.000595	8.68E-03	0.008813	0.00048	2.95E-06	0.000657	0.009952
3414	483363.09	3848877.25	0.26071	0.73766	0.2979	0.35885	5.95E-03	0.00079	4.5E-06	0.00115	0.00789	7.87E-03	0.001039	3.65E-06	0.000712	9.62E-03	0.009116	0.001051	2.7E-06	0.000786	0.010955
3415	483863.09	3848877.25	0.36922	0.61207	0.44734	0.34007	8.43E-03	0.00065	6.7E-06	0.00109	0.01017	1.11E-02	0.000862	5.48E-06	0.000675	1.27E-02	0.01291	0.000872	4.05E-06	0.000745	0.01453
3416	484363.09	3848877.25	0.37369	0.32148	0.50049	0.52256	8.53E-03	0.00034	7.5E-06	0.00167	0.01055	1.13E-02	0.000453	6.13E-06	0.001037	1.28E-02	0.013066	0.000458	4.53E-06	0.001144	0.014673
3417	484863.09	3848877.25	0.3593	0.65451	0.48868	0.51021	8.20E-03	0.0007	7.4E-06	0.00163	0.01054	1.08E-02	0.000922	5.98E-06	0.001013	1.28E-02	0.012563	0.000932	4.42E-06	0.001117	0.014617
3418	485363.09	3848877.25	0.34685	0.42539	0.4719	0.48211	7.92E-03	0.00045	7.1E-06	0.00154	0.00992	1.05E-02	0.000599	5.78E-06	0.000957	1.20E-02	0.012128	0.000606	4.27E-06	0.001056	0.013793
3419	485863.09	3848877.25	0.30026	0.61427	0.34587	0.46048	6.85E-03	0.00065	5.2E-06	0.00147	0.00898	9.06E-03	0.000865	4.23E-06	0.000914	1.08E-02	0.010499	0.000875	3.13E-06	0.001008	0.012385
3420	486363.09	3848877.25	0.23	0.6466	0.3138	0.4233	5.25E-03	0.00069	4.7E-06	0.00135	0.0073	6.94E-03	0.000911	3.84E-06	0.00084	8.70E-03	0.008042	0.000921	2.84E-06	0.000927	0.009893
3421	486863.09	3848877.25	0.20243	0.31127	0.26938	0.23648	4.62E-03	0.00033	4.1E-06	0.00076	0.00571	6.11E-03	0.000439	3.3E-06	0.000469	7.02E-03	0.007078	0.000443	2.44E-06	0.000518	0.008041
3422	487363.09	3848877.25	0.18891	0.40577	0.20375	0.21158	4.31E-03	0.00043	3.1E-06	0.00068	0.00542	5.70E-03	0.000572	2.49E-06	0.00042	6.70E-03	0.006605	0.000578	1.84E-06	0.000463	0.007648
3423	487863.09	3848877.25	0.15291	0.36487	0.18844	0.16545	3.49E-03	0.00039	2.8E-06	0.00053	0.00441	4.61E-03	0.000514	2.31E-06	0.000328	5.46E-03	0.005346	0.00052	1.7E-06	0.000362	0.00623
3424	488363.09	3848877.25	0.12617	0.31685	0.16074	0.15844	2.88E-03	0.00034	2.4E-06	0.00051	0.00373	3.81E-03	0.000446	1.97E-06	0.000314	4.57E-03	0.004412	0.000451	1.45E-06	0.000347	0.005211
3425	488863.09	3848877.25	0.15538	0.5648	0.17842	0.14338	3.55E-03	0.0006	2.7E-06	0.00046	0.00461	4.69E-03	0.000796	2.18E-06	0.000285	5.77E-03	0.005433	0.000804	1.61E-06	0.000314	0.006553
3426	489363.09	3848877.25	0.19758	0.56387	0.20813	0.13958	4.51E-03	0.0006	3.1E-06	0.00045	0.00556	5.96E-03	0.000794	2.55E-06	0.000277	7.04E-03	0.006908	0.000803	1.88E-06	0.000306	0.008019
3427	489863.09	3848877.25	0.20876	0.24066	0.27757	0.21723	4.76E-03	0.00026	4.2E-06	0.00069	0.00572	6.30E-03	0.000339	3.4E-06	0.000431	7.07E-03	0.007299	0.000343	2.51E-06	0.000476	0.00812
3428	490363.09	3848877.25	0.2089	0.20973	0.28697	0.31384	4.77E-03	0.00022	4.3E-06	0.001	0.006	6.30E-03	0.000295	3.51E-06	0.000623	7.23E-03	0.007304	0.000299	2.6E-06	0.000687	0.008293
3429	490863.09	3848877.25	0.20777	0.17249	0.286	0.32722	4.74E-03	0.00018	4.3E-06	0.00105	0.00598	6.27E-03	0.000243	3.5E-06	0.000649	7.17E-03	0.007265	0.000246	2.59E-06	0.000717	0.008229
3430	491363.09	3848877.25	0.20661	0.18028	0.28453	0.31957	4.72E-03	0.00019	4.3E-06	0.00102	0.00593	6.24E-03	0.000254	3.48E-06	0.000634	7.13E-03	0.007224	0.000257	2.57E-06	0.0007	0.008183
3431	491863.09	3848877.25	0.20532	0.20963	0.28299	0.3111	4.69E-03	0.00022	4.3E-06	0.00099	0.00591	6.20E-03	0.000295	3.46E-06	0.000618	7.11E-03	0.007179	0.000299	2.56E-06	0.000681	0.008161
3432	492363.09	3848877.25	0.2022	0.31668	0.27949	0.30342	4.61E-03	0.00034	4.2E-06	0.00097	0.00593	6.10E-03	0.000446	3.42E-06	0.000602	7.15E-03	0.00707	0.000451	2.53E-06	0.000664	0.008188
3433	492863.09	3848877.25	0.19035	0.26252	0.25738	0.29641	4.34E-03	0.00028	3.9E-06	0.00095	0.00558	5.74E-03	0.00037	3.15E-06	0.000588	6.71E-03	0.006656	0.000374	2.33E-06	0.000649	0.007681
3434	493363.09	3848877.25	0.16487	0.45126	0.18891	0.28984	3.76E-03	0.00048	2.8E-06	0.00093	0.00517	4.98E-03	0.000636	2.31E-06	0.000575	6.19E-03	0.005765	0.000643	1.71E-06	0.000635	0.007044
3435	493863.09	3848877.25	0.13523	0.54795	0.14972	0.28267	3.09E-03	0.00058	2.3E-06	0.0009	0.00458	4.08E-03	0.000772	1.83E-06	0.000561	5.42E-03	0.004728	0.00078	1.35E-06	0.000619	0.006129
3436	494363.09	3848877.25	0.1156	0.34723	0.15009	0.2651	2.64E-03	0.00037	2.3E-06	0.00085	0.00386	3.49E-03	0.000489	1.84E-06	0.000526	4.51E-03	0.004042	0.000495	1.36E-06	0.00058	0.005118
3437	494863.09	3848877.25	0.11591	0.12249	0.15051	0.20724	2.65E-03	0.00013	2.3E-06	0.00066	0.00344	3.50E-03	0.000173	1.84E-06	0.000411	4.08E-03	0.004053	0.000174	1.36E-06	0.000454	0.004682
3438	495363.09	3848877.25	0.11643	0.11684	0.15122	0.14851	2.66E-03	0.00012	2.3E-06	0.00047	0.00326	3.51E-03	0.000165	1.85E-06	0.000295	3.98E-03	0.004071	0.000166	1.37E-06	0.000325	0.004564
3439	495863.09	3848877.25	0.11708	0.22721	0.15214	0.14645	2.67E-03	0.00024	2.3E-06	0.00047	0.00338	3.53E-03	0.00032	1.86E-06	0.000291	4.15E-03	0.004094	0.000324	1.38E-06	0.000321	0.004739
3440	496363.09	3848877.25	0.11762	0.27877	0.15318	0.1452	2.68E-03	0.0003	2.3E-06	0.00046	0.00345	3.55E-03	0.000393	1.87E-06	0.000288	4.23E-03	0.004113	0.000397	1.39E-06	0.000318	0.004829
3441	496863.09	3848877.25	0.1288	0.38784	0.1526	0.14454	2.94E-03	0.00041	2.3E-06	0.00046	0.00382	3.89E-03	0.000546	1.87E-06	0.000287	4.72E-03	0.004503	0.000552	1.38E-06	0.000316	0.005374
3442	497363.09	3848877.25	0.15548	0.47249	0.14271	0.14435	3.55E-03	0.0005	2.2E-06	0.00046	0.00452	4.69E-03	0.000666	1.75E-06	0.000287	5.65E-03	0.005436	0.000673	1.29E-06	0.000316	0.006427
3443	497863.09	3848877.25	0.17165	0.43195	0.17866	0.14442	3.92E-03	0.00046	2.7E-06	0.00046	0.00484	5.18E-03	0.000609	2.19E-06	0.000287	6.08E-03	0.006002	0.000615	1.62E-06	0.000316	0.006935
3444	498363.09	3848877.25	0.17869	0.30452	0.22201	0.14468	4.08E-03	0.00032	3.3E-06	0.00046	0.00487	5.39E-03	0.000429	2.72E-06	0.000287	6.11E-03	0.006248	0.000434	2.01E-06	0.000317	0.007
3445	471363.09	3849377.25	0.76102	0.71205	0.93447	0.65002	1.74E-02	0.00076	1.4E-05	0.00208	0.02022	2.30E-02	0.001003	1.14E-05	0.00129	2.53E-02	0.026609	0.001014	8.45E-06	0.001423	0.029055
3446	471863.09	3849377.25	0.71816	0.79749	0.79475	0.60217	1.64E-02	0.00085	1.2E-05	0.00193	0.01918	2.17E-02	0.001124	9.73E-06	0.001195	2.40E-02	0.02511	0.001136	7.19E-06	0.001319	0.027572
3447	472363.09	3849377.25	0.67829	0.77662	0.73806	0.87615	1.55E-02	0.00083	1.1E-05	0.0028	0.01912	2.05E-02	0.001094	9.03E-06	0.001739	2.33E-02	0.023716	0.001106	6.68E-06	0.001918	0.026748
3448	472863.09	3849377.25	0.83858	0.91004	0.9677	1.02635	1.91E-02	0.00097	1.5E-05	0.00328	0.0234	2.53E-02	0.001282	1.18E-05	0.002037	2.86E-02	0.029321	0.001296	8.75E-06	0.002247	0.032873
3449	473363.09	3849377.25	0.9347	1.02232	1.08123	1.04882	2.13E-02	0.00109	1.6E-05	0.00335	0.02579	2.82E-02	0.00144	1.32E-05	0.002082	3.17E-02	0.032682	0.001456	9.78E-06	0.002297	0.036444
3450	473863.09	3849377.25	0.90439	1.09452	1.00141	1.26404	2.06E-02	0.00117	1.5E-05	0.00404	0.02586	2.73E-02	0.001542	1.23E-05	0.002509	3.14E-02	0.031622	0.001559	9.06E-06	0.002768	0.035958
3451	474363.09	3849377.25	0.79202	1.19789	0.92011	1.3816	1.81E-02	0.00128	1.4E-05	0.00442	0.02378	2.39E-02	0.001688	1.13E-05	0.002742	2.83E-02	0.027693	0.001706	8.32E-06	0.003025	0.032432
3452	474863.09	3849377.25	0.90399	1.20178	1.05935	1.49768	2.06E-02	0.00128	1.6E-05	0.00479	0.02671	2.73E-02	0.001693	1.3E-05	0.002973	3.20E-02	0.031608	0.001712	9.58E-06	0.003279	0.036608
3453	475363.09	3849377.25	1.03727	1.43758	1.14975	1.5501	2.37E-02	0.00153	1.7E-05	0.00496	0.03018	3.13E-02	0.002025	1.41E-05	0.003077	3.64E-02	0.036268	0.002047	1.04E-05	0.003394	0.04172
3454	475863.09	3849377.25	1.06382	1.35578	1.13054	1.50274	2.43E-02	0.00144	1.7E-05	0.0048	0.03054	3.21E-02	0.00191	1.38E-05	0.002983	3.70E-02	0.037196	0.001931	1.02E-05	0.00329	0.042428
3455	476363.09	3849377.25	1.04326	1.39467	1.18988	1.48854	2.38E-02	0.00149	1.8E-05	0.00476	0.03007	3.15E-02	0.001965	1.46E-05	0.002955	3.64E-02	0.036478	0.001986	1.08E-05	0.003259	0.041734
3456	476863.09	3849377.25	1.29897	1.60238	1.48598	1.48053	2.96E-02	0.00171	2.2E-05	0.00473	0.03611	3.92E-02	0.002258	1.82E-05	0.002939	4.44E-02	0.045418	0.002282	1.34E-05	0.003242	0.050956
3457	477363.09	3849377.25	1.48955	1.84498	1.43336	1.37138	3.40E-02	0.00197	2.2E-05	0.00438	0.04036	4.50E-02	0.002599	1.75E-05	0.002722	5.03E-02	0.052082	0.002628	1.3E-05	0.003003	0.057725
3458	477863.09	3849377.25	1.67793	2.22274	1.86625	1.85548	3.83E-02	0.00237	2.8E-05	0.00593	0.04662	5.06E-02	0.003132	2.28E-05	0.003683	5.75E-02	0.058669	0.003166	1.69E-05	0.004063	0.065914
3459	478363.09	3849377.25	1.80707	2.24772	2.08743	1.63529	4.12E-02	0.00239	3.1E-05	0.00523	0.04889	5.45E-02	0.003167	2.55E-05	0.003246	6.10E-02	0.063184	0.003201	1.89E-05	0.003581	0.069985
3460	478863.09	3849377.25	2.04352	2.39502	2.1331	1.61977	4.66E-02	0.00255	3.2E-05	0.00518	0.0544	6.17E-02	0.003374	2.61E-05	0.003215	6.83E-02	0.071452	0.003411	1.93E-05	0.003547	0.078428
3461	479363.09	3849377.25	2.22349	2.55292	2.53632	1.47806	5.07E-02	0.00272	3.8E-05	0.00473	0.05823	6.71E-02	0.003597	3.1E-05	0.002934	7.37E-02	0.077744	0.003636	2.29E-05	0.003236	0.084639
3462	479863.09	3849377.25	1.28153	1.05892	1.58752	0.91637	2.92E-02	0.00113	2.4E-05	0.00293	0.03333	3.87E-02	0.001492	1.94E-05	0.001819	4.20E-02	0.044809	0.001508	1.44E-05	0.002007	0.048338
3463	480363.09	3849377.25	1.02698	1.73631	1.36461	0.82674	2.34E-02	0.00185	2.1E-05	0.00264	0.02795	3.10E-02	0.002446	1.67E-05	0.001641	3.51E-02	0.035908	0.002473	1.23E-05	0.00181	0.040204
3464	480863.09	3849377.25	1.22339	1.32451	1.61684	0.99348	2.79E-02	0.00141	2.4E-05	0.00318	0.03253	3.69E-02	0.001866	1.98E-05	0.001972	4.08E-02	0.042776	0.001886	1.46E-05	0.002175	0.046852
3465	481363.09	3849377.25	0.88427	1.13486	0.95331	1.07022	2.02E-02	0.00121	1.4E-05	0.00342	0.02482	2.67E-02	0.001599	1.17E-05	0.002124	3.04E-02	0.030918	0.001616	8.62E-06	0.002343	0.034887
3466	481863.09	3849377.25	0.34891	0.5477	0.47908	0.344	7.96E-03	0.00058	7.2E-06	0.0011	0.00965	1.05E-02	0.000772	5.86E-06	0.000683	1.20E-02	0.0122	0.00078	4.33E-06	0.000753	0.013737
3467	482363.09	3849377.25	0.28795	0.58115	0.37605	0.28644	6.57E-03	0.00062	5.7E-06	0.00092	0.00811	8.69E-03	0.000819	4.6E-06	0.000569	1.01E-02	0.010068	0.000828	3.4E-06	0.000627	0.011526
3468	482863.09	3849377.25	0.23153	0.42044	0.31478	0.2493	5.28E-03	0.00045	4.7E-06	0.0008	0.00653	6.99E-03	0.000592	3.85E-06	0.000495	8.08E-03	0.008095	0.000599	2.85E-06	0.000546	0.009243
3469	483363.09	3849377.25	0.2464	0.63023	0.31049	0.35651	5.62E-03	0.00067	4.7E-06	0.00114	0.00744	7.44E-03	0.000888	3.8E-06	0.000708	9.04E-03	0.008615	0.000898	2.81E-06	0.000781	0.010296
3470	483863.09	3849377.25	0.37274	0.73166	0.43486	0.35152	8.51E-03	0.00078	6.6E-06	0.00112	0.01042	1.12E-02	0.001031	5.32E-06	0.000698	1.30E-02	0.013033	0.001042	3.93E-06	0.00077	0.014848
3471	484363.09	3849377.25	0.3834	0.52947	0.51125	0.52577	8.75E-03	0.00056	7.7E-06	0.00168	0.011	1.16E-02	0.000746	6.26E-06	0.001044	1.34E-02	0.013406	0.000754	4.63E-06	0.001151	0.015315
3472	484863.09	3849377.25	0.36604	0.64046	0.49487	0.52044	8.35E-03	0.00068	7.5E-06	0.00166	0.01071	1.10E-02	0.000902	6.06E-06	0.001033	1.30E-02	0.012799	0.000912	4.48E-06	0.00114	0.014855
3473	485363.09	3849377.25	0.35272	0.59393	0.48074	0.4868	8.05E-03	0.00063	7.2E-06	0.00156	0.01025	1.06E-02	0.000837	5.88E-06	0.000966	1.25E-02	0.012333	0.000846	4.35E-06	0.001066	0.014249

3474	485863.09	3849377.25	0.31418	0.53071	0.3611	0.46347		7.17E-03	0.00057	5.4E-06	0.00148	0.00922		9.48E-03	0.000748	4.42E-06	0.00092	1.12E-02		0.010985	0.000756	3.27E-06	0.001015	0.012759
3475	486363.09	3849377.25	0.20779	0.73938	0.27952	0.43334		4.74E-03	0.00079	4.2E-06	0.00139	0.00692		6.27E-03	0.001042	3.42E-06	0.00086	8.18E-03		0.007265	0.001053	2.53E-06	0.000949	0.00927
3476	486863.09	3849377.25	0.2332	0.34853	0.28785	0.27245		5.32E-03	0.00037	4.3E-06	0.00087	0.00657		7.04E-03	0.000491	3.52E-06	0.000541	8.07E-03		0.008154	0.000496	2.6E-06	0.000597	0.009249
3477	487363.09	3849377.25	0.21207	0.46077	0.21459	0.22404		4.84E-03	0.00049	3.2E-06	0.00072	0.00605		6.40E-03	0.000649	2.63E-06	0.000445	7.50E-03		0.007415	0.000656	1.94E-06	0.000491	0.008564
3478	487863.09	3849377.25	0.16842	0.38096	0.22104	0.19373		3.84E-03	0.00041	3.3E-06	0.00062	0.00487		5.08E-03	0.000537	2.71E-06	0.000385	6.01E-03		0.005889	0.000543	2E-06	0.000424	0.006858
3479	488363.09	3849377.25	0.16002	0.50928	0.21659	0.1613		3.65E-03	0.00054	3.3E-06	0.00052	0.00471		4.83E-03	0.000718	2.65E-06	0.00032	5.87E-03		0.005595	0.000725	1.96E-06	0.000353	0.006676
3480	488863.09	3849377.25	0.1957	0.63918	0.20626	0.14256		4.47E-03	0.00068	3.1E-06	0.00046	0.00561		5.91E-03	0.000901	2.52E-06	0.000283	7.09E-03		0.006843	0.00091	1.87E-06	0.000312	0.008067
3481	489363.09	3849377.25	0.21104	0.35197	0.27607	0.18773		4.82E-03	0.00037	4.2E-06	0.0006	0.0058		6.37E-03	0.000496	3.38E-06	0.000373	7.24E-03		0.007379	0.000501	2.5E-06	0.000411	0.008294
3482	489863.09	3849377.25	0.21155	0.27706	0.29018	0.30896		4.83E-03	0.0003	4.4E-06	0.00099	0.00612		6.38E-03	0.00039	3.55E-06	0.000613	7.39E-03		0.007397	0.000395	2.63E-06	0.000677	0.008471
3483	490363.09	3849377.25	0.21037	0.23259	0.28935	0.33102		4.80E-03	0.00025	4.4E-06	0.00106	0.00611		6.35E-03	0.000328	3.54E-06	0.000657	7.34E-03		0.007356	0.000331	2.62E-06	0.000725	0.008414
3484	490863.09	3849377.25	0.20916	0.20913	0.28781	0.32326		4.77E-03	0.00022	4.3E-06	0.00103	0.00603		6.31E-03	0.000295	3.52E-06	0.000642	7.25E-03		0.007313	0.000298	2.6E-06	0.000708	0.008322
3485	491363.09	3849377.25	0.20792	0.26316	0.28627	0.31404		4.74E-03	0.00028	4.3E-06	0.001	0.00603		6.28E-03	0.000371	3.5E-06	0.000623	7.27E-03		0.00727	0.000375	2.59E-06	0.000688	0.008335
3486	491863.09	3849377.25	0.20579	0.33569	0.28402	0.30573		4.70E-03	0.00036	4.3E-06	0.00098	0.00604		6.21E-03	0.000473	3.48E-06	0.000607	7.29E-03		0.007195	0.000478	2.57E-06	0.000669	0.008346
3487	492363.09	3849377.25	0.19707	0.22534	0.27019	0.29828		4.50E-03	0.00024	4.1E-06	0.00095	0.0057		5.95E-03	0.000317	3.31E-06	0.000592	6.86E-03		0.006891	0.000321	2.44E-06	0.000653	0.007867
3488	492863.09	3849377.25	0.17359	0.39781	0.21119	0.29144		3.96E-03	0.00042	3.2E-06	0.00093	0.00532		5.24E-03	0.00056	2.58E-06	0.000578	6.38E-03		0.00607	0.000567	1.91E-06	0.000638	0.007276
3489	493363.09	3849377.25	0.14291	0.57819	0.15246	0.28474		3.26E-03	0.00062	2.3E-06	0.00091	0.00479		4.31E-03	0.000815	1.87E-06	0.000565	5.69E-03		0.004997	0.000823	1.38E-06	0.000623	0.006445
3490	493863.09	3849377.25	0.11843	0.40998	0.15262	0.2725		2.70E-03	0.00044	2.3E-06	0.00087	0.00401		3.57E-03	0.000578	1.87E-06	0.000541	4.69E-03		0.004141	0.000584	1.38E-06	0.000597	0.005323
3491	494363.09	3849377.25	0.11884	0.15272	0.15315	0.22717		2.71E-03	0.00016	2.3E-06	0.00073	0.0036		3.59E-03	0.000215	1.87E-06	0.000451	4.25E-03		0.004155	0.000217	1.39E-06	0.000497	0.004872
3492	494863.09	3849377.25	0.11951	0.22905	0.1541	0.15012		2.73E-03	0.00024	2.3E-06	0.00048	0.00345		3.61E-03	0.000323	1.89E-06	0.000298	4.23E-03		0.004179	0.000326	1.39E-06	0.000329	0.004835
3493	495363.09	3849377.25	0.12031	0.29278	0.15533	0.1481		2.75E-03	0.00031	2.3E-06	0.00047	0.00353		3.63E-03	0.000413	1.9E-06	0.000294	4.34E-03		0.004207	0.000417	1.41E-06	0.000324	0.004949
3494	495863.09	3849377.25	0.13575	0.42037	0.15648	0.1468		3.10E-03	0.00045	2.4E-06	0.00047	0.00402		4.10E-03	0.000592	1.92E-06	0.000291	4.98E-03		0.004746	0.000599	1.42E-06	0.000321	0.005668
3495	496363.09	3849377.25	0.16222	0.49969	0.15487	0.14629		3.70E-03	0.00053	2.3E-06	0.00047	0.0047		4.90E-03	0.000704	1.9E-06	0.00029	5.89E-03		0.005672	0.000712	1.4E-06	0.00032	0.006705
3496	496863.09	3849377.25	0.17666	0.43369	0.19147	0.14642		4.03E-03	0.00046	2.9E-06	0.00047	0.00496		5.33E-03	0.000611	2.34E-06	0.000291	6.24E-03		0.006177	0.000618	1.73E-06	0.000321	0.007117
3497	497363.09	3849377.25	0.18191	0.28384	0.23183	0.14685		4.15E-03	0.0003	3.5E-06	0.00047	0.00493		5.49E-03	0.0004	2.84E-06	0.000291	6.18E-03		0.00636	0.000404	2.1E-06	0.000322	0.007088
3498	497863.09	3849377.25	0.18307	0.29497	0.24869	0.19988		4.18E-03	0.00031	3.7E-06	0.00064	0.00513		5.53E-03	0.000416	3.04E-06	0.000397	6.34E-03		0.006401	0.00042	2.25E-06	0.000438	0.007261
3499	498363.09	3849377.25	0.1827	0.28305	0.25306	0.24251		4.17E-03	0.0003	3.8E-06	0.00078	0.00525		5.51E-03	0.000399	3.1E-06	0.000481	6.40E-03		0.006388	0.000403	2.29E-06	0.000531	0.007325
3500	471363.09	3849877.25	0.63815	0.805	0.76552	0.53306		1.46E-02	0.00086	1.2E-05	0.0017	0.01714		1.93E-02	0.001134	9.37E-06	0.001058	2.15E-02		0.022313	0.001146	6.93E-06	0.001167	0.024633
3501	471863.09	3849877.25	0.77694	0.76491	0.94109	0.68978		1.77E-02	0.00081	1.4E-05	0.00221	0.02076		2.34E-02	0.001078	1.15E-05	0.001369	2.59E-02		0.027166	0.001089	8.51E-06	0.00151	0.029774
3502	472363.09	3849877.25	0.84311	0.80029	1.01334	0.78849		1.92E-02	0.00085	1.5E-05	0.00252	0.02263		2.54E-02	0.001128	1.24E-05	0.001565	2.82E-02		0.029479	0.00114	9.17E-06	0.001727	0.032355
3503	472863.09	3849877.25	0.78035	0.86324	0.86262	0.68411		1.78E-02	0.00092	1.3E-05	0.00219	0.02093		2.36E-02	0.001216	1.06E-05	0.001358	2.61E-02		0.027285	0.001229	7.8E-06	0.001498	0.03002
3504	473363.09	3849877.25	0.76063	0.83966	0.82711	0.97208		1.74E-02	0.00089	1.2E-05	0.00311	0.02137		2.30E-02	0.001183	1.01E-05	0.001929	2.61E-02		0.026595	0.001196	7.48E-06	0.002129	0.029927
3505	473863.09	3849877.25	0.92629	0.98807	1.07441	1.1436		2.11E-02	0.00105	1.6E-05	0.00366	0.02586		2.80E-02	0.001392	1.31E-05	0.00227	3.16E-02		0.032388	0.001407	9.72E-06	0.002504	0.036309
3506	474363.09	3849877.25	1.00464	1.1112	1.16477	1.19401		2.29E-02	0.00118	1.8E-05	0.00382	0.02795		3.03E-02	0.001566	1.43E-05	0.00237	3.43E-02		0.035127	0.001583	1.05E-05	0.002614	0.039335
3507	474863.09	3849877.25	0.94899	1.23742	1.03872	1.38526		2.17E-02	0.00132	1.6E-05	0.00443	0.02742		2.86E-02	0.001743	1.27E-05	0.00275	3.31E-02		0.033181	0.001762	9.4E-06	0.003033	0.037986
3508	475363.09	3849877.25	0.90768	1.31001	1.01332	1.48812		2.07E-02	0.0014	1.5E-05	0.00476	0.02688		2.74E-02	0.001846	1.24E-05	0.002954	3.22E-02		0.031737	0.001866	9.17E-06	0.003258	0.03687
3509	475863.09	3849877.25	1.00338	1.36673	1.16245	1.62045		2.29E-02	0.00146	1.8E-05	0.00518	0.02955		3.03E-02	0.001926	1.42E-05	0.003216	3.54E-02		0.035083	0.001946	1.05E-05	0.003548	0.040588
3510	476363.09	3849877.25	1.07075	1.46175	1.15584	1.54781		2.44E-02	0.00156	1.7E-05	0.00495	0.03096		3.23E-02	0.00206	1.41E-05	0.003072	3.75E-02		0.037439	0.002082	1.05E-05	0.003389	0.04292
3511	476863.09	3849877.25	1.1157	1.45968	1.23821	1.75726		2.55E-02	0.00156	1.9E-05	0.00562	0.03265		3.37E-02	0.002057	1.52E-05	0.003488	3.92E-02		0.03901	0.002079	1.12E-05	0.003848	0.044948
3512	477363.09	3849877.25	1.3103	1.49989	1.2582	1.79254		2.99E-02	0.0016	1.9E-05	0.00573	0.03725		3.95E-02	0.002113	1.54E-05	0.003558	4.52E-02		0.045815	0.002136	1.14E-05	0.003925	0.051887
3513	477863.09	3849877.25	1.33222	1.66091	1.44613	1.61447		3.04E-02	0.00177	2.2E-05	0.00516	0.03736		4.02E-02	0.00234	1.77E-05	0.003205	4.58E-02		0.046581	0.002365	1.31E-05	0.003535	0.052495
3514	478363.09	3849877.25	1.66353	2.2429	1.92236	2.15503		3.80E-02	0.00239	2.9E-05	0.00689	0.04727		5.02E-02	0.00316	2.35E-05	0.004278	5.77E-02		0.058165	0.003194	1.74E-05	0.004719	0.066096
3515	478863.09	3849877.25	1.8362	2.32432	2.00229	2.05876		4.19E-02	0.00248	3E-05	0.00658	0.05099		5.54E-02	0.003275	2.45E-05	0.004086	6.28E-02		0.064203	0.00331	1.81E-05	0.004508	0.072039
3516	479363.09	3849877.25	2.33878	2.79547	2.33024	2.02728		5.34E-02	0.00298	3.5E-05	0.00648	0.06287		7.06E-02	0.003939	2.85E-05	0.004024	7.86E-02		0.081775	0.003981	2.11E-05	0.004439	0.090217
3517	479863.09	3849877.25	2.60766	2.94573	3.02124	2.13615		5.95E-02	0.00314	4.6E-05	0.00683	0.06952		7.87E-02	0.00415	3.7E-05	0.00424	8.71E-02		0.091177	0.004195	2.73E-05	0.004677	0.100077
3518	480363.09	3849877.25	1.53165	1.53181	1.97309	1.26511		3.50E-02	0.00163	3E-05	0.00404	0.04066		4.62E-02	0.002158	2.41E-05	0.002511	5.09E-02		0.053554	0.002182	1.78E-05	0.00277	0.058524
3519	480863.09	3849877.25	1.0828	1.46722	1.44945	0.71372		2.47E-02	0.00156	2.2E-05	0.00228	0.02858		3.27E-02	0.002067	1.77E-05	0.001417	3.62E-02		0.03786	0.00209	1.31E-05	0.001563	0.041525
3520	481363.09	3849877.25	1.10085	1.22066	1.44354	1.11481		2.51E-02	0.0013	2.2E-05	0.00356	0.03001		3.32E-02	0.00172	1.77E-05	0.002213	3.72E-02		0.038491	0.001738	1.31E-05	0.002441	0.042684
3521	481863.09	3849877.25	0.50314	0.92389	0.61513	0.50167		1.15E-02	0.00098	9.3E-06	0.0016	0.01408		1.52E-02	0.001302	7.53E-06	0.000996	1.75E-02		0.017592	0.001316	5.56E-06	0.001098	0.020012
3522	482363.09	3849877.25	0.28454	0.53746	0.37493	0.29504		6.49E-03	0.00057	5.7E-06	0.00094	0.00801		8.59E-03	0.000757	4.59E-06	0.000586	9.94E-03		0.009949	0.000765	3.39E-06	0.000646	0.011364
3523	482863.09	3849877.25	0.26371	0.45206	0.34389	0.28055		6.02E-03	0.00048	5.2E-06	0.0009	0.0074		7.96E-03	0.000637	4.21E-06	0.000557	9.16E-03		0.009221	0.000644	3.11E-06	0.000614	0.010482
3524	483363.09	3849877.25	0.23074	0.49879	0.31615	0.34365		5.27E-03	0.00053	4.8E-06	0.0011	0.0069		6.96E-03	0.000703	3.87E-06	0.000682	8.35E-03		0.008068	0.00071	2.86E-06	0.000752	0.009533
3525	483863.09	3849877.25	0.37406	0.85153	0.41449	0.35927		8.54E-03	0.00091	6.2E-06	0.00115	0.0106		1.13E-02	0.0012	5.07E-06	0.000713	1.32E-02		0.013079	0.001213	3.75E-06	0.000787	0.015082
3526	484363.09	3849877.25	0.39439	0.48719	0.52495	0.52334		9.00E-03	0.00052	7.9E-06	0.00167	0.0112		1.19E-02	0.000686	6.42E-06	0.001039	1.36E-02		0.01379	0.000694	4.75E-06	0.001146	0.015634
3527	484863.09	3849877.25	0.40888	0.6447	0.50263	0.53386		9.33E-03	0.00069	7.6E-06	0.00171	0.01173		1.23E-02	0.000908	6.15E-06	0.00106	1.43E-02		0.014296	0.000918	4.55E-06	0.001169	0.016388
3528	485363.09	3849877.25	0.35873	0.72177	0.48803	0.49311		8.19E-03	0.00077	7.4E-06	0.00158	0.01054		1.08E-02	0.001017	5.97E-06	0.000979	1.28E-02		0.012543	0.001028	4.42E-06	0.00108	0.014655
3529	485863.09	3849877.25	0.32743	0.53207	0.39633	0.46677		7.47E-03	0.00057	6E-06	0.00149	0.00954		9.88E-03	0.00075	4.85E-06	0.000926	1.16E-02		0.011449	0.000758	3.59E-06	0.001022	0.013232
3530	486363.09	3849877.25	0.26541	0.82981	0.33932	0.44081		6.06E-03	0.00088	5.1E-06	0.00141	0.00836		8.01E-03	0.001169	4.15E-06	0.000875	1.01E-02		0.00928	0.001182	3.07E-06	0.000965	0.01143
3531	486863.09	3849877.25	0.28695	0.53797	0.32818	0.30851		6.55E-03	0.00057	4.9E-06	0.00099	0.00811		8.66E-03	0.000758	4.02E-06	0.000612	1.00E-02		0.010033	0.000766	2.97E-06	0.000676	0.011478
3532	487363.09	3849877.25	0.23425	0.54302	0.26877	0.24699		5.35E-03	0.00058	4.1E-06	0.00079	0.00672		7.07E-03	0.000765	3.29E-06	0.00049	8.33E-03		0.008191	0.000773	2.43E-06	0.000541	0.009507
3533	487863.09	3849877.25	0.18288	0.42082	0.23943	0.21773		4.17E-03	0.00045	3.6E-06	0.0007	0.00532		5.52E-03	0.000593	2.93E-06	0.000432	6.55E-03		0.006394	0.000599	2.17E-06	0.000477	0.007473
3534	488363.09	3849877.25	0.19223	0.69864	0.22361	0.18083		4.39E-03	0.00074	3.4E-06	0.00058	0.00571		5.80E-03	0.000984	2.74E-06	0.000359	7.15E-03		0.006721	0.000995	2.02E-06	0.000396	0.008114

3535	488863.09	3849877.25	0.21331	0.38044	0.27227	0.20009	4.87E-03	0.00041	4.1E-06	0.00064	0.00592	6.44E-03	0.000536	3.33E-06	0.000397	7.37E-03	0.007458	0.000542	2.46E-06	0.000438	0.008441
3536	489363.09	3849877.25	0.21437	0.39876	0.29348	0.30027	4.89E-03	0.00042	4.4E-06	0.00096	0.00628	6.47E-03	0.000562	3.59E-06	0.000596	7.63E-03	0.007495	0.000568	2.66E-06	0.000657	0.008723
3537	489863.09	3849877.25	0.21311	0.27376	0.29286	0.33519	4.86E-03	0.00029	4.4E-06	0.00107	0.00623	6.43E-03	0.000386	3.58E-06	0.000665	7.49E-03	0.007451	0.00039	2.65E-06	0.000734	0.008578
3538	490363.09	3849877.25	0.21184	0.24103	0.29125	0.32763	4.83E-03	0.00026	4.4E-06	0.00105	0.00614	6.39E-03	0.00034	3.56E-06	0.00065	7.39E-03	0.007407	0.000343	2.63E-06	0.000717	0.00847
3539	490863.09	3849877.25	0.21058	0.31911	0.28965	0.31756	4.81E-03	0.00034	4.4E-06	0.00102	0.00617	6.36E-03	0.00045	3.55E-06	0.00063	7.44E-03	0.007363	0.000454	2.62E-06	0.000695	0.008515
3540	491363.09	3849877.25	0.20897	0.33168	0.28787	0.30847	4.77E-03	0.00035	4.3E-06	0.00099	0.00611	6.31E-03	0.000467	3.52E-06	0.000612	7.39E-03	0.007307	0.000472	2.6E-06	0.000675	0.008457
3541	491863.09	3849877.25	0.20307	0.18629	0.2801	0.30042	4.63E-03	0.0002	4.2E-06	0.00096	0.0058	6.13E-03	0.000262	3.43E-06	0.000596	6.99E-03	0.0071	0.000265	2.53E-06	0.000658	0.008026
3542	492363.09	3849877.25	0.18263	0.32776	0.2336	0.29321	4.17E-03	0.00035	3.5E-06	0.00094	0.00546	5.51E-03	0.000462	2.86E-06	0.000582	6.56E-03	0.006386	0.000467	2.11E-06	0.000642	0.007497
3543	492863.09	3849877.25	0.15095	0.59052	0.15538	0.2865	3.44E-03	0.00063	2.3E-06	0.00092	0.00499	4.56E-03	0.000832	1.9E-06	0.000569	5.96E-03	0.005278	0.000841	1.41E-06	0.000627	0.006748
3544	493363.09	3849877.25	0.12234	0.47944	0.15555	0.27748	2.79E-03	0.00051	2.3E-06	0.00089	0.00419	3.69E-03	0.000676	1.9E-06	0.000551	4.92E-03	0.004278	0.000683	1.41E-06	0.000608	0.005569
3545	493863.09	3849877.25	0.1222	0.22931	0.15624	0.24454	2.79E-03	0.00024	2.4E-06	0.00078	0.00382	3.69E-03	0.000323	1.91E-06	0.000485	4.50E-03	0.004273	0.000327	1.41E-06	0.000535	0.005136
3546	494363.09	3849877.25	0.12301	0.30821	0.15751	0.15458	2.81E-03	0.00033	2.4E-06	0.00049	0.00363	3.71E-03	0.000434	1.93E-06	0.000307	4.46E-03	0.004301	0.000439	1.42E-06	0.000338	0.00508
3547	494863.09	3849877.25	0.14337	0.4574	0.15915	0.15015	3.27E-03	0.00049	2.4E-06	0.00048	0.00424	4.33E-03	0.000644	1.95E-06	0.000298	5.27E-03	0.005013	0.000651	1.44E-06	0.000329	0.005995
3548	495363.09	3849877.25	0.16918	0.52724	0.16055	0.14907	3.86E-03	0.00056	2.4E-06	0.00048	0.0049	5.11E-03	0.000743	1.96E-06	0.000296	6.15E-03	0.005915	0.000751	1.45E-06	0.000326	0.006994
3549	495863.09	3849877.25	0.18146	0.43004	0.20502	0.1489	4.14E-03	0.00046	3.1E-06	0.00048	0.00508	5.48E-03	0.000606	2.51E-06	0.000296	6.38E-03	0.006345	0.000612	1.85E-06	0.000326	0.007285
3550	496363.09	3849877.25	0.18496	0.25758	0.24125	0.14929	4.22E-03	0.00027	3.6E-06	0.00048	0.00498	5.58E-03	0.000363	2.95E-06	0.000296	6.24E-03	0.006467	0.000367	2.18E-06	0.000327	0.007163
3551	496863.09	3849877.25	0.18516	0.3051	0.25379	0.21152	4.23E-03	0.00033	3.8E-06	0.00068	0.00523	5.59E-03	0.00043	3.11E-06	0.00042	6.44E-03	0.006474	0.000435	2.3E-06	0.000463	0.007374
3552	497363.09	3849877.25	0.18531	0.30022	0.25643	0.24986	4.23E-03	0.00032	3.9E-06	0.0008	0.00535	5.59E-03	0.000423	3.14E-06	0.000496	6.51E-03	0.006479	0.000428	2.32E-06	0.000547	0.007456
3553	497863.09	3849877.25	0.18553	0.30603	0.25628	0.26343	4.23E-03	0.00033	3.9E-06	0.00084	0.00541	5.60E-03	0.000431	3.14E-06	0.000523	6.56E-03	0.006487	0.000436	2.32E-06	0.000577	0.007502
3554	498363.09	3849877.25	0.18508	0.21685	0.25545	0.2652	4.22E-03	0.00023	3.8E-06	0.00085	0.00531	5.59E-03	0.000306	3.13E-06	0.000526	6.42E-03	0.006471	0.000309	2.31E-06	0.000581	0.007363
3555	471363.09	3850377.25	0.40683	0.55937	0.46303	0.32391	9.28E-03	0.0006	7E-06	0.00104	0.01092	1.23E-02	0.000788	5.67E-06	0.000643	1.37E-02	0.014225	0.000797	4.19E-06	0.000709	0.015735
3556	471863.09	3850377.25	0.6662	1.02211	0.74249	0.56933	1.52E-02	0.00109	1.1E-05	0.00182	0.01812	2.01E-02	0.00144	9.09E-06	0.00113	2.27E-02	0.023294	0.001456	6.72E-06	0.001247	0.026003
3557	472363.09	3850377.25	0.77288	1.05156	0.85496	0.64725	1.76E-02	0.00112	1.3E-05	0.00207	0.02084	2.33E-02	0.001482	1.05E-05	0.001285	2.61E-02	0.027024	0.001498	7.73E-06	0.001417	0.029946
3558	472863.09	3850377.25	0.89963	0.95607	1.03695	0.84822	2.05E-02	0.00102	1.6E-05	0.00271	0.02428	2.72E-02	0.001347	1.27E-05	0.001684	3.02E-02	0.031456	0.001362	9.38E-06	0.001857	0.034684
3559	473363.09	3850377.25	0.94087	0.8691	1.12206	0.84859	2.15E-02	0.00093	1.7E-05	0.00271	0.02513	2.84E-02	0.001225	1.37E-05	0.001684	3.13E-02	0.032897	0.001238	1.02E-05	0.001858	0.036003
3560	473863.09	3850377.25	0.89492	0.94977	0.99171	0.76141	2.04E-02	0.00101	1.5E-05	0.00243	0.02388	2.70E-02	0.001338	1.21E-05	0.001511	2.99E-02	0.031291	0.001353	8.97E-06	0.001667	0.03432
3561	474363.09	3850377.25	0.8569	0.93235	0.93	1.08564	1.96E-02	0.00099	1.4E-05	0.00347	0.02403	2.59E-02	0.001314	1.14E-05	0.002155	2.93E-02	0.029961	0.001328	8.41E-06	0.002377	0.033675
3562	474863.09	3850377.25	1.01958	1.09691	1.18687	1.2812	2.33E-02	0.00117	1.8E-05	0.0041	0.02855	3.08E-02	0.001545	1.45E-05	0.002543	3.49E-02	0.03565	0.001562	1.07E-05	0.002805	0.040028
3563	475363.09	3850377.25	1.08045	1.2571	1.25504	1.39456	2.47E-02	0.00134	1.9E-05	0.00446	0.03047	3.26E-02	0.001771	1.54E-05	0.002768	3.72E-02	0.037778	0.00179	1.14E-05	0.003054	0.042633
3564	475863.09	3850377.25	1.0141	1.37705	1.08959	1.57625	2.31E-02	0.00147	1.6E-05	0.00504	0.02967	3.06E-02	0.00194	1.33E-05	0.003129	3.57E-02	0.035458	0.001961	9.86E-06	0.003451	0.04088
3565	476363.09	3850377.25	1.0093	1.40004	1.17503	1.7352	2.30E-02	0.00149	1.8E-05	0.00555	0.03009	3.05E-02	0.001973	1.44E-05	0.003444	3.59E-02	0.03529	0.001994	1.06E-05	0.0038	0.041094
3566	476863.09	3850377.25	1.12236	1.58771	1.22269	1.88477	2.56E-02	0.00169	1.8E-05	0.00603	0.03335	3.39E-02	0.002237	1.5E-05	0.003741	3.99E-02	0.039243	0.002261	1.11E-05	0.004127	0.045642
3567	477363.09	3850377.25	1.2358	1.57466	1.24654	1.8857	2.82E-02	0.00168	1.9E-05	0.00603	0.03593	3.73E-02	0.002219	1.53E-05	0.003743	4.33E-02	0.04321	0.002243	1.13E-05	0.004129	0.049593
3568	477863.09	3850377.25	1.44728	1.65093	1.24417	1.79907	3.30E-02	0.00176	1.9E-05	0.00575	0.04056	4.37E-02	0.002326	1.52E-05	0.003571	4.96E-02	0.050604	0.002351	1.13E-05	0.003939	0.056906
3569	478363.09	3850377.25	1.52268	1.79121	1.63732	1.87253	3.47E-02	0.00191	2.5E-05	0.00599	0.04267	4.60E-02	0.002524	2E-05	0.003717	5.22E-02	0.05324	0.002551	1.48E-05	0.0041	0.059906
3570	478863.09	3850377.25	1.59566	2.13989	1.66942	2.59115	3.64E-02	0.00228	2.5E-05	0.00828	0.047	4.82E-02	0.003015	2.04E-05	0.005143	5.63E-02	0.055792	0.003048	1.51E-05	0.005674	0.064529
3571	479363.09	3850377.25	1.75658	2.19115	1.78845	2.41475	4.01E-02	0.00233	2.7E-05	0.00772	0.05017	5.30E-02	0.003087	2.19E-05	0.004793	6.09E-02	0.061419	0.003121	1.62E-05	0.005287	0.069843
3572	479863.09	3850377.25	2.57277	3.19205	2.49733	2.51723	5.87E-02	0.0034	3.8E-05	0.00805	0.0702	7.76E-02	0.004497	3.06E-05	0.004996	8.72E-02	0.089957	0.004546	2.26E-05	0.005512	0.100037
3573	480363.09	3850377.25	2.88364	3.14452	3.42293	2.45778	6.58E-02	0.00335	5.2E-05	0.00786	0.07707	8.70E-02	0.00443	4.19E-05	0.004878	9.64E-02	0.100826	0.004478	3.1E-05	0.005382	0.110717
3574	480863.09	3850377.25	1.71605	2.18433	2.16779	1.69371	3.92E-02	0.00233	3.3E-05	0.00541	0.04694	5.18E-02	0.003078	2.65E-05	0.003362	5.83E-02	0.060002	0.003111	1.96E-05	0.003709	0.066841
3575	481363.09	3850377.25	1.24921	1.37178	1.5554	0.83163	2.85E-02	0.00146	2.3E-05	0.00266	0.03265	3.77E-02	0.001933	1.9E-05	0.001651	4.13E-02	0.043679	0.001954	1.41E-05	0.001821	0.047467
3576	481863.09	3850377.25	1.23084	1.26329	1.48777	1.18277	2.81E-02	0.00135	2.2E-05	0.00378	0.03324	3.71E-02	0.00178	1.82E-05	0.002348	4.13E-02	0.043036	0.001799	1.35E-05	0.00259	0.047439
3577	482363.09	3850377.25	0.79245	1.36051	0.86075	0.89061	1.81E-02	0.00145	1.3E-05	0.00285	0.02239	2.39E-02	0.001917	1.05E-05	0.001768	2.76E-02	0.027708	0.001938	7.79E-06	0.00195	0.031603
3578	482863.09	3850377.25	0.36401	0.76333	0.49522	0.31045	8.31E-03	0.00081	7.5E-06	0.00099	0.01012	1.10E-02	0.001075	6.06E-06	0.000616	1.27E-02	0.012728	0.001087	4.48E-06	0.00068	0.014499
3579	483363.09	3850377.25	0.30366	0.36406	0.41067	0.31217	6.93E-03	0.00039	6.2E-06	0.001	0.00832	9.16E-03	0.000513	5.03E-06	0.00062	1.03E-02	0.010617	0.000518	3.72E-06	0.000684	0.011823
3580	483863.09	3850377.25	0.37162	0.96073	0.50464	0.36431	8.48E-03	0.00102	7.6E-06	0.00116	0.01068	1.12E-02	0.001354	6.18E-06	0.000723	1.33E-02	0.012994	0.001368	4.57E-06	0.000798	0.015164
3581	484363.09	3850377.25	0.4071	0.54834	0.54227	0.51111	9.29E-03	0.00058	8.2E-06	0.00163	0.01152	1.23E-02	0.000773	6.64E-06	0.001015	1.41E-02	0.014234	0.000781	4.91E-06	0.001119	0.016139
3582	484863.09	3850377.25	0.50126	0.84331	0.55982	0.54972	1.14E-02	0.0009	8.4E-06	0.00176	0.0141	1.51E-02	0.001188	6.85E-06	0.001091	1.74E-02	0.017527	0.001201	5.06E-06	0.001204	0.019936
3583	485363.09	3850377.25	0.44418	0.87756	0.55218	0.50212	1.01E-02	0.00093	8.3E-06	0.00161	0.01269	1.34E-02	0.001236	6.76E-06	0.000997	1.56E-02	0.015531	0.00125	5E-06	0.001099	0.017885
3584	485863.09	3850377.25	0.33976	0.62005	0.42904	0.47059	7.75E-03	0.00066	6.5E-06	0.0015	0.00993	1.03E-02	0.000874	5.25E-06	0.000934	1.21E-02	0.01188	0.000883	3.88E-06	0.00103	0.013797
3585	486363.09	3850377.25	0.3546	0.90868	0.40854	0.44627	8.09E-03	0.00097	6.2E-06	0.00143	0.01049	1.07E-02	0.00128	5E-06	0.000886	1.29E-02	0.012399	0.001294	3.7E-06	0.000977	0.014674
3586	486863.09	3850377.25	0.34343	0.72116	0.39005	0.34296	7.84E-03	0.00077	5.9E-06	0.0011	0.00971	1.04E-02	0.001016	4.77E-06	0.000681	1.21E-02	0.012008	0.001027	3.53E-06	0.000751	0.01379
3587	487363.09	3850377.25	0.25614	0.47306	0.31126	0.29725	5.85E-03	0.0005	4.7E-06	0.00095	0.0073	7.73E-03	0.000667	3.81E-06	0.00059	8.99E-03	0.008956	0.000674	2.82E-06	0.000651	0.010283
3588	487863.09	3850377.25	0.20126	0.72474	0.25464	0.23478	4.59E-03	0.00077	3.8E-06	0.00075	0.00612	6.07E-03	0.001021	3.12E-06	0.000466	7.56E-03	0.007037	0.001032	2.3E-06	0.000514	0.008586
3589	488363.09	3850377.25	0.2155	0.48211	0.26479	0.19911	4.92E-03	0.00051	4E-06	0.00064	0.00607	6.50E-03	0.000679	3.24E-06	0.000395	7.58E-03	0.007535	0.000687	2.4E-06	0.000436	0.00866
3590	488863.09	3850377.25	0.21738	0.39397	0.29687	0.28573	4.96E-03	0.00042	4.5E-06	0.00091	0.0063	6.56E-03	0.000555	3.63E-06	0.000567	7.69E-03	0.007601	0.000561	2.69E-06	0.000626	0.00879
3591	489363.09	3850377.25	0.21604	0.41083	0.29657	0.33941	4.93E-03	0.00044	4.5E-06	0.00109	0.00646	6.52E-03	0.000579	3.63E-06	0.000674	7.78E-03	0.007554	0.000585	2.68E-06	0.000743	0.008885
3592	489863.09	3850377.25	0.2147	0.30603	0.29489	0.33276	4.90E-03	0.00033	4.4E-06	0.00106	0.00629	6.48E-03	0.000431	3.61E-06	0.00066	7.58E-03	0.007507	0.000436	2.67E-06	0.000729	0.008674
3593	490363.09	3850377.25	0.21336	0.36808	0.2932	0.32179	4.87E-03	0.00039	4.4E-06	0.00103	0.00629	6.44E-03	0.000519	3.59E-06	0.000639	7.60E-03	0.00746	0.000524	2.65E-06	0.000705	0.008692
3594	490863.09	3850377.25	0.21194	0.2998	0.2915	0.31178	4.84E-03	0.00032	4.4E-06	0.001	0.00616	6.40E-03	0.000422	3.57E-06	0.000619	7.44E-03	0.00741	0.000427	2.64E-06	0.000683	0.008523
3595	491363.09	3850377.25	0.2082	0.30921	0.28737	0.30296	4.75E-03	0.00033	4.3E-06	0.00097	0.00605	6.28E-03	0.000436	3.52E-06	0.000601	7.32E-03	0.00728	0.00044	2.6E-06	0.000663	0.008386

3596	491863.09	3850377.25	0.19171	0.25187	0.25462	0.29519	4.37E-03	0.00027	3.8E-06	0.00094	0.00559	5.79E-03	0.000355	3.12E-06	0.000586	6.73E-03	0.006703	0.000359	2.3E-06	0.000646	0.00771
3597	492363.09	3850377.25	0.15955	0.57785	0.16261	0.28819	3.64E-03	0.00062	2.5E-06	0.00092	0.00518	4.82E-03	0.000814	1.99E-06	0.000572	6.20E-03	0.005579	0.000823	1.47E-06	0.000631	0.007034
3598	492863.09	3850377.25	0.12988	0.55216	0.15908	0.28073	2.96E-03	0.00059	2.4E-06	0.0009	0.00445	3.92E-03	0.000778	1.95E-06	0.000557	5.26E-03	0.004541	0.000786	1.44E-06	0.000615	0.005944
3599	493363.09	3850377.25	0.12614	0.3252	0.16007	0.25846	2.88E-03	0.00035	2.4E-06	0.00083	0.00405	3.81E-03	0.000458	1.96E-06	0.000513	4.78E-03	0.00441	0.000463	1.45E-06	0.000566	0.005441
3600	493863.09	3850377.25	0.15154	0.49977	0.16173	0.18005	3.46E-03	0.00053	2.4E-06	0.00058	0.00457	4.57E-03	0.000704	1.98E-06	0.000357	5.64E-03	0.005299	0.000712	1.46E-06	0.000394	0.006406
3601	494363.09	3850377.25	0.17617	0.55445	0.16383	0.15286	4.02E-03	0.00059	2.5E-06	0.00049	0.0051	5.32E-03	0.000781	2.01E-06	0.000303	6.40E-03	0.00616	0.00079	1.48E-06	0.000335	0.007286
3602	494863.09	3850377.25	0.18599	0.41914	0.21897	0.15211	4.24E-03	0.00045	3.3E-06	0.00049	0.00518	5.61E-03	0.000591	2.68E-06	0.000302	6.51E-03	0.006503	0.000597	1.98E-06	0.000333	0.007435
3603	495363.09	3850377.25	0.18825	0.34098	0.24991	0.15652	4.30E-03	0.00036	3.8E-06	0.0005	0.00516	5.68E-03	0.00048	3.06E-06	0.000311	6.48E-03	0.006582	0.000486	2.26E-06	0.000343	0.007413
3604	495863.09	3850377.25	0.18782	0.2764	0.25839	0.2233	4.29E-03	0.00029	3.9E-06	0.00071	0.0053	5.67E-03	0.000389	3.16E-06	0.000443	6.50E-03	0.006567	0.000394	2.34E-06	0.000489	0.007452
3605	496363.09	3850377.25	0.18808	0.32783	0.25949	0.25628	4.29E-03	0.00035	3.9E-06	0.00082	0.00546	5.68E-03	0.000462	3.18E-06	0.000509	6.65E-03	0.006576	0.000467	2.35E-06	0.000561	0.007607
3606	496863.09	3850377.25	0.18862	0.30229	0.25903	0.26548	4.30E-03	0.00032	3.9E-06	0.00085	0.00548	5.69E-03	0.000426	3.17E-06	0.000527	6.65E-03	0.006595	0.000431	2.34E-06	0.000581	0.007609
3607	497363.09	3850377.25	0.19115	0.25216	0.25827	0.26536	4.36E-03	0.00027	3.9E-06	0.00085	0.00548	5.77E-03	0.000355	3.16E-06	0.000527	6.65E-03	0.006684	0.000359	2.34E-06	0.000581	0.007626
3608	497863.09	3850377.25	0.18797	0.2383	0.25738	0.26297	4.29E-03	0.00025	3.9E-06	0.00084	0.00539	5.67E-03	0.000336	3.15E-06	0.000522	6.53E-03	0.006572	0.000339	2.33E-06	0.000576	0.00749
3609	498363.09	3850377.25	0.18753	0.24721	0.25651	0.26011	4.28E-03	0.00026	3.9E-06	0.00083	0.00538	5.66E-03	0.000348	3.14E-06	0.000516	6.53E-03	0.006557	0.000352	2.32E-06	0.00057	0.007481
3610	471363.09	3850877.25	0.4261	0.62267	0.55922	0.39281	9.72E-03	0.00066	8.4E-06	0.00126	0.01165	1.29E-02	0.000877	6.84E-06	0.00078	1.45E-02	0.014899	0.000887	5.06E-06	0.00086	0.016651
3611	471863.09	3850877.25	0.47636	0.79578	0.65362	0.42286	1.09E-02	0.00085	9.9E-06	0.00135	0.01308	1.44E-02	0.001121	8E-06	0.000839	1.63E-02	0.016656	0.001133	5.91E-06	0.000926	0.018721
3612	472363.09	3850877.25	0.67887	0.8178	0.70696	0.62126	1.55E-02	0.00087	1.1E-05	0.00199	0.01836	2.05E-02	0.001152	8.65E-06	0.001233	2.29E-02	0.023737	0.001165	6.4E-06	0.00136	0.026268
3613	472863.09	3850877.25	0.85917	1.26502	0.83534	0.80545	1.96E-02	0.00135	1.3E-05	0.00258	0.02354	2.59E-02	0.001782	1.02E-05	0.001599	2.93E-02	0.030041	0.001802	7.56E-06	0.001764	0.033614
3614	473363.09	3850877.25	0.90909	1.32191	0.94407	0.74032	2.07E-02	0.00141	1.4E-05	0.00237	0.02454	2.74E-02	0.001862	1.16E-05	0.001469	3.08E-02	0.031786	0.001883	8.54E-06	0.001621	0.035298
3615	473863.09	3850877.25	1.00984	1.1394	1.1452	0.86929	2.30E-02	0.00121	1.7E-05	0.00278	0.02706	3.05E-02	0.001605	1.4E-05	0.001725	3.38E-02	0.035309	0.001623	1.04E-05	0.001903	0.038845
3616	474363.09	3850877.25	1.04264	1.06623	1.20072	1.02376	2.38E-02	0.00114	1.8E-05	0.00327	0.02822	3.15E-02	0.001502	1.47E-05	0.002032	3.50E-02	0.036456	0.001518	1.09E-05	0.002242	0.040227
3617	474863.09	3850877.25	0.97282	1.07078	1.0627	0.91569	2.22E-02	0.00114	1.6E-05	0.00293	0.02628	2.94E-02	0.001509	1.3E-05	0.001818	3.27E-02	0.034015	0.001525	9.61E-06	0.002005	0.037554
3618	475363.09	3850877.25	0.96427	1.06675	1.04534	1.21592	2.20E-02	0.00114	1.6E-05	0.00389	0.02704	2.91E-02	0.001503	1.28E-05	0.002413	3.30E-02	0.033716	0.001519	9.46E-06	0.002662	0.037907
3619	475863.09	3850877.25	1.12364	1.22306	1.31358	1.44139	2.56E-02	0.0013	2E-05	0.00461	0.03157	3.39E-02	0.001723	1.61E-05	0.002861	3.85E-02	0.039288	0.001742	1.19E-05	0.003156	0.044198
3620	476363.09	3850877.25	1.19523	1.37605	1.38023	1.59966	2.73E-02	0.00147	2.1E-05	0.00511	0.03388	3.61E-02	0.001939	1.69E-05	0.003175	4.12E-02	0.041791	0.00196	1.25E-05	0.003503	0.047266
3621	476863.09	3850877.25	1.10564	1.49616	1.14649	1.79205	2.52E-02	0.00159	1.7E-05	0.00573	0.03257	3.34E-02	0.002108	1.4E-05	0.003557	3.90E-02	0.038659	0.002131	1.04E-05	0.003924	0.044724
3622	477363.09	3850877.25	1.09787	1.54717	1.27864	1.93599	2.51E-02	0.00165	1.9E-05	0.00619	0.03291	3.31E-02	0.00218	1.56E-05	0.003843	3.92E-02	0.038387	0.002203	1.16E-05	0.004239	0.044841
3623	477863.09	3850877.25	1.32485	1.81752	1.38426	1.97964	3.02E-02	0.00194	2.1E-05	0.00633	0.03852	4.00E-02	0.002561	1.69E-05	0.003929	4.65E-02	0.046323	0.002588	1.25E-05	0.004335	0.053259
3624	478363.09	3850877.25	1.60696	1.87297	1.47987	2.06207	3.67E-02	0.002	2.2E-05	0.00659	0.04528	4.85E-02	0.002639	1.81E-05	0.004093	5.52E-02	0.056187	0.002667	1.34E-05	0.004515	0.063383
3625	478863.09	3850877.25	1.67822	1.9919	1.64658	2.15548	3.83E-02	0.00212	2.5E-05	0.00689	0.04734	5.07E-02	0.002806	2.02E-05	0.004278	5.78E-02	0.058679	0.002837	1.49E-05	0.00472	0.06625
3626	479363.09	3850877.25	1.6532	2.24996	1.65552	2.7313	3.77E-02	0.0024	2.5E-05	0.00873	0.04888	4.99E-02	0.00317	2.03E-05	0.005421	5.85E-02	0.057804	0.003204	1.5E-05	0.005981	0.067004
3627	479863.09	3850877.25	1.91214	2.36508	1.88965	2.87185	4.36E-02	0.00252	2.8E-05	0.00918	0.05537	5.77E-02	0.003332	2.31E-05	0.0057	6.68E-02	0.066858	0.003368	1.71E-05	0.006288	0.076532
3628	480363.09	3850877.25	2.6488	3.39678	2.48174	3.09721	6.04E-02	0.00362	3.7E-05	0.0099	0.07401	7.99E-02	0.004786	3.04E-05	0.006148	9.09E-02	0.092615	0.004838	2.25E-05	0.006782	0.104257
3629	480863.09	3850877.25	3.02653	3.3531	3.59279	3.48743	6.91E-02	0.00357	5.4E-05	0.01115	0.08384	9.13E-02	0.004724	4.4E-05	0.006922	1.03E-01	0.105822	0.004775	3.25E-05	0.007636	0.118267
3630	481363.09	3850877.25	1.78211	2.61578	2.22418	1.94444	4.07E-02	0.00279	3.4E-05	0.00622	0.04971	5.38E-02	0.003685	2.72E-05	0.00386	6.14E-02	0.062311	0.003725	2.01E-05	0.004258	0.070314
3631	481863.09	3850877.25	1.89753	2.34845	2.5028	1.1374	4.33E-02	0.0025	3.8E-05	0.00364	0.04948	5.73E-02	0.003309	3.06E-05	0.002258	6.29E-02	0.066347	0.003345	2.26E-05	0.002491	0.072205
3632	482363.09	3850877.25	1.54948	1.79351	1.83099	1.17996	3.54E-02	0.00191	2.8E-05	0.00377	0.04107	4.68E-02	0.002527	2.24E-05	0.002342	5.17E-02	0.054177	0.002554	1.66E-05	0.002584	0.059332
3633	482863.09	3850877.25	0.68044	1.12361	0.95543	0.74589	1.55E-02	0.0012	1.4E-05	0.00238	0.01912	2.05E-02	0.001583	1.17E-05	0.001481	2.36E-02	0.023792	0.0016	8.64E-06	0.001633	0.027034
3634	483363.09	3850877.25	0.44873	0.79952	0.59793	0.37076	1.02E-02	0.00085	9E-06	0.00119	0.01229	1.35E-02	0.001126	7.32E-06	0.000736	1.54E-02	0.01569	0.001139	5.41E-06	0.000812	0.017646
3635	483863.09	3850877.25	0.46635	1.04636	0.64174	0.36581	1.06E-02	0.00111	9.7E-06	0.00117	0.01294	1.41E-02	0.001474	7.85E-06	0.000726	1.63E-02	0.016306	0.00149	5.81E-06	0.000801	0.018603
3636	484363.09	3850877.25	0.5405	0.78764	0.69517	0.51438	1.23E-02	0.00084	1E-05	0.00164	0.01483	1.63E-02	0.00111	8.51E-06	0.001021	1.85E-02	0.018899	0.001122	6.29E-06	0.001126	0.021153
3637	484863.09	3850877.25	0.55464	0.72342	0.6483	0.56662	1.27E-02	0.00077	9.8E-06	0.00181	0.01525	1.67E-02	0.001019	7.93E-06	0.001125	1.89E-02	0.019393	0.00103	5.86E-06	0.001241	0.02167
3638	485363.09	3850877.25	0.61289	0.85774	0.6979	0.5146	1.40E-02	0.00091	1.1E-05	0.00165	0.01656	1.85E-02	0.001209	8.54E-06	0.001021	2.07E-02	0.02143	0.001222	6.31E-06	0.001127	0.023784
3639	485863.09	3850877.25	0.36853	0.64922	0.4616	0.47548	8.41E-03	0.00069	7E-06	0.00152	0.01063	1.11E-02	0.000915	5.65E-06	0.000944	1.30E-02	0.012886	0.000925	4.18E-06	0.001041	0.014856
3640	486363.09	3850877.25	0.43026	0.96328	0.47835	0.45061	9.82E-03	0.00103	7.2E-06	0.00144	0.01229	1.30E-02	0.001357	5.85E-06	0.000894	1.52E-02	0.015044	0.001372	4.33E-06	0.000987	0.017407
3641	486863.09	3850877.25	0.38455	0.87227	0.4558	0.37359	8.78E-03	0.00093	6.9E-06	0.00119	0.01091	1.16E-02	0.001229	5.58E-06	0.000742	1.36E-02	0.013446	0.001242	4.12E-06	0.000818	0.01551
3642	487363.09	3850877.25	0.30133	0.69839	0.33993	0.33221	6.88E-03	0.00074	5.1E-06	0.00106	0.00869	9.09E-03	0.000984	4.16E-06	0.000659	1.07E-02	0.010536	0.000995	3.08E-06	0.000727	0.012261
3643	487863.09	3850877.25	0.24786	0.60364	0.27753	0.24866	5.66E-03	0.00064	4.2E-06	0.00079	0.0071	7.48E-03	0.00085	3.4E-06	0.000494	8.83E-03	0.008666	0.00086	2.51E-06	0.000544	0.010073
3644	488363.09	3850877.25	0.22107	0.39415	0.30034	0.26243	5.04E-03	0.00042	4.5E-06	0.00084	0.00631	6.67E-03	0.000555	3.68E-06	0.000521	7.75E-03	0.00773	0.000561	2.72E-06	0.000575	0.008868
3645	488863.09	3850877.25	0.21919	0.44056	0.30054	0.34323	5.00E-03	0.00047	4.5E-06	0.0011	0.00657	6.62E-03	0.000621	3.68E-06	0.000681	7.92E-03	0.007664	0.000627	2.72E-06	0.000752	0.009046
3646	489363.09	3850877.25	0.21776	0.44721	0.29877	0.33857	4.97E-03	0.00048	4.5E-06	0.00108	0.00653	6.57E-03	0.00063	3.66E-06	0.000672	7.88E-03	0.007614	0.000637	2.7E-06	0.000741	0.008995
3647	489863.09	3850877.25	0.21635	0.39585	0.29698	0.32687	4.94E-03	0.00042	4.5E-06	0.00105	0.00641	6.53E-03	0.000558	3.63E-06	0.000649	7.74E-03	0.007565	0.000564	2.69E-06	0.000716	0.008847
3648	490363.09	3850877.25	0.21492	0.362	0.29521	0.31586	4.90E-03	0.00039	4.4E-06	0.00101	0.0063	6.49E-03	0.00051	3.61E-06	0.000627	7.63E-03	0.007515	0.000516	2.67E-06	0.000692	0.008725
3649	490863.09	3850877.25	0.21252	0.36181	0.29273	0.30606	4.85E-03	0.00039	4.4E-06	0.00098	0.00622	6.41E-03	0.00051	3.58E-06	0.000607	7.53E-03	0.007431	0.000515	2.65E-06	0.00067	0.008619
3650	491363.09	3850877.25	0.20048	0.32053	0.27271	0.29752	4.58E-03	0.00034	4.1E-06	0.00095	0.00587	6.05E-03	0.000452	3.34E-06	0.000591	7.10E-03	0.00701	0.000456	2.47E-06	0.000651	0.00812
3651	491863.09	3850877.25	0.16902	0.53444	0.1879	0.29003	3.86E-03	0.00057	2.8E-06	0.00093	0.00536	5.10E-03	0.000753	2.3E-06	0.000576	6.43E-03	0.00591	0.000761	1.7E-06	0.000635	0.007308
3652	492363.09	3850877.25	0.14178	0.62375	0.17465	0.283	3.24E-03	0.00066	2.6E-06	0.0009	0.00481	4.28E-03	0.000879	2.14E-06	0.000562	5.72E-03	0.004957	0.000888	1.58E-06	0.00062	0.006467
3653	492863.09	3850877.25	0.16057	0.54838	0.17724	0.26854	3.66E-03	0.00058	2.7E-06	0.00086	0.00511	4.85E-03	0.000773	2.17E-06	0.000533	6.15E-03	0.005614	0.000781	1.6E-06	0.000588	0.006985
3654	493363.09	3850877.25	0.18322	0.57959	0.17759	0.20552	4.18E-03	0.00062	2.7E-06	0.00066	0.00546	5.53E-03	0.000817	2.17E-06	0.000408	6.76E-03	0.006406	0.000825	1.61E-06	0.00045	0.007683
3655	493863.09	3850877.25	0.19046	0.39887	0.23291	0.15663	4.35E-03	0.00042	3.5E-06	0.0005	0.00528	5.75E-03	0.000562	2.85E-06	0.000311	6.62E-03	0.006659	0.000568	2.11E-06	0.000343	0.007573
3656	494363.09	3850877.25	0.19109	0.38141	0.25735	0.17032	4.36E-03	0.00041	3.9E-06	0.00054	0.00532	5.77E-03	0.000537	3.15E-06	0.000338	6.65E-03	0.006681	0.000543	2.33E-06	0.000373	0.0076

3657	494863.09	3850877.25	0.1911	0.44963	0.2624	0.23493	4.36E-03	0.00048	4E-06	0.00075	0.0056	5.77E-03	0.000634	3.21E-06	0.000466	6.87E-03	0.006682	0.00064	2.37E-06	0.000514	0.007839
3658	495363.09	3850877.25	0.20169	0.39045	0.26252	0.26152	4.60E-03	0.00042	4E-06	0.00084	0.00586	6.09E-03	0.00055	3.21E-06	0.000519	7.16E-03	0.007052	0.000556	2.37E-06	0.000573	0.008183
3659	495863.09	3850877.25	0.19438	0.33215	0.26174	0.26673	4.44E-03	0.00035	3.9E-06	0.00085	0.00565	5.87E-03	0.000468	3.2E-06	0.000529	6.87E-03	0.006796	0.000473	2.37E-06	0.000584	0.007856
3660	496363.09	3850877.25	0.19754	0.30083	0.26094	0.26529	4.51E-03	0.00032	3.9E-06	0.00085	0.00568	5.96E-03	0.000424	3.19E-06	0.000527	6.92E-03	0.006907	0.000428	2.36E-06	0.000581	0.007919
3661	496863.09	3850877.25	0.21308	0.31907	0.28194	0.26262	4.86E-03	0.00034	4.2E-06	0.00084	0.00605	6.43E-03	0.00045	3.45E-06	0.000521	7.41E-03	0.00745	0.000454	2.55E-06	0.000575	0.008482
3662	497363.09	3850877.25	0.2041	0.33611	0.27699	0.25968	4.66E-03	0.00036	4.2E-06	0.00083	0.00585	6.16E-03	0.000474	3.39E-06	0.000515	7.15E-03	0.007136	0.000479	2.51E-06	0.000569	0.008186
3663	497863.09	3850877.25	0.19252	0.30234	0.26014	0.25681	4.39E-03	0.00032	3.9E-06	0.00082	0.00554	5.81E-03	0.000426	3.18E-06	0.00051	6.75E-03	0.006731	0.000431	2.35E-06	0.000562	0.007727
3664	498363.09	3850877.25	0.19345	0.258	0.2574	0.25389	4.41E-03	0.00027	3.9E-06	0.00081	0.00551	5.84E-03	0.000364	3.15E-06	0.000504	6.71E-03	0.006764	0.000367	2.33E-06	0.000556	0.00769
3665	471363.09	3851377.25	0.445	0.56538	0.61135	0.39118	1.02E-02	0.0006	9.2E-06	0.00125	0.01202	1.34E-02	0.000797	7.48E-06	0.000776	1.50E-02	0.015559	0.000805	5.53E-06	0.000857	0.017227
3666	471863.09	3851377.25	0.55354	0.68609	0.70608	0.48778	1.26E-02	0.00073	1.1E-05	0.00156	0.01493	1.67E-02	0.000967	8.64E-06	0.000968	1.86E-02	0.019354	0.000977	6.39E-06	0.001068	0.021406
3667	472363.09	3851377.25	0.57032	0.79151	0.66548	0.468	1.30E-02	0.00084	1E-05	0.0015	0.01536	1.72E-02	0.001115	8.14E-06	0.000929	1.93E-02	0.019941	0.001127	6.02E-06	0.001025	0.022099
3668	472863.09	3851377.25	0.5715	0.90378	0.7263	0.4877	1.30E-02	0.00096	1.1E-05	0.00156	0.01558	1.72E-02	0.001273	8.89E-06	0.000968	1.95E-02	0.019982	0.001287	6.57E-06	0.001068	0.022344
3669	473363.09	3851377.25	0.58264	0.90108	0.71799	0.49264	1.33E-02	0.00096	1.1E-05	0.00157	0.01584	1.76E-02	0.00127	8.79E-06	0.000978	1.98E-02	0.020372	0.001283	6.5E-06	0.001079	0.02274
3670	473863.09	3851377.25	0.76541	1.0568	0.81802	0.59195	1.75E-02	0.00113	1.2E-05	0.00189	0.0205	2.31E-02	0.001489	1E-05	0.001175	2.58E-02	0.026763	0.001505	7.4E-06	0.001296	0.029571
3671	474363.09	3851377.25	1.03616	1.54893	1.10836	0.82654	2.36E-02	0.00165	1.7E-05	0.00264	0.02796	3.13E-02	0.002182	1.36E-05	0.001641	3.51E-02	0.036229	0.002206	1E-05	0.00181	0.040255
3672	474863.09	3851377.25	1.16056	1.43288	1.2993	1.01806	2.65E-02	0.00153	2E-05	0.00325	0.03129	3.50E-02	0.002019	1.59E-05	0.002021	3.91E-02	0.040579	0.002041	1.18E-05	0.002229	0.044861
3673	475363.09	3851377.25	1.19536	1.25221	1.36735	1.11687	2.73E-02	0.00133	2.1E-05	0.00357	0.0322	3.61E-02	0.001764	1.67E-05	0.002217	4.01E-02	0.041796	0.001783	1.24E-05	0.002446	0.046037
3674	475863.09	3851377.25	1.14142	1.23231	1.24622	1.03069	2.60E-02	0.00131	1.9E-05	0.0033	0.03067	3.44E-02	0.001736	1.53E-05	0.002046	3.82E-02	0.03991	0.001755	1.13E-05	0.002257	0.043933
3675	476363.09	3851377.25	1.111	1.21955	1.21686	1.36739	2.54E-02	0.0013	1.8E-05	0.00437	0.03104	3.35E-02	0.001718	1.49E-05	0.002714	3.80E-02	0.038846	0.001737	1.1E-05	0.002994	0.043588
3676	476863.09	3851377.25	1.34341	1.47078	1.59585	1.5932	3.07E-02	0.00157	2.4E-05	0.00509	0.03734	4.05E-02	0.002072	1.95E-05	0.003162	4.58E-02	0.046972	0.002095	1.44E-05	0.003489	0.05257
3677	477363.09	3851377.25	1.3608	1.6465	1.54779	1.80701	3.11E-02	0.00175	2.3E-05	0.00578	0.03861	4.11E-02	0.00232	1.89E-05	0.003587	4.70E-02	0.04758	0.002345	1.4E-05	0.003957	0.053896
3678	477863.09	3851377.25	1.22952	1.75779	1.23945	2.01381	2.81E-02	0.00187	1.9E-05	0.00644	0.03639	3.71E-02	0.002477	1.52E-05	0.003997	4.36E-02	0.04299	0.002503	1.12E-05	0.00441	0.049914
3679	478363.09	3851377.25	1.33963	1.91719	1.45685	2.31598	3.06E-02	0.00204	2.2E-05	0.0074	0.04004	4.04E-02	0.002701	1.78E-05	0.004597	4.77E-02	0.04684	0.00273	1.32E-05	0.005071	0.054655
3680	478863.09	3851377.25	1.77134	2.11647	1.67129	2.35877	4.04E-02	0.00225	2.5E-05	0.00754	0.05024	5.35E-02	0.002982	2.05E-05	0.004682	6.11E-02	0.061935	0.003014	1.51E-05	0.005165	0.070129
3681	479363.09	3851377.25	2.01249	2.35478	1.8593	2.40711	4.59E-02	0.00251	2.8E-05	0.0077	0.05616	6.07E-02	0.003318	2.28E-05	0.004778	6.89E-02	0.070367	0.003354	1.68E-05	0.005271	0.079008
3682	479863.09	3851377.25	1.75049	2.45715	1.77018	2.63761	3.99E-02	0.00262	2.7E-05	0.00843	0.05102	5.28E-02	0.003462	2.17E-05	0.005235	6.16E-02	0.061206	0.003499	1.6E-05	0.005775	0.070497
3683	480363.09	3851377.25	1.94996	2.6096	1.91806	3.35568	4.45E-02	0.00278	2.9E-05	0.01073	0.05804	5.89E-02	0.003677	2.35E-05	0.006661	6.92E-02	0.06818	0.003716	1.74E-05	0.007348	0.079262
3684	480863.09	3851377.25	2.9644	3.96906	2.85157	3.45272	6.76E-02	0.00423	4.3E-05	0.01104	0.08296	8.95E-02	0.005592	3.49E-05	0.006853	1.02E-01	0.10365	0.005653	2.58E-05	0.00756	0.116889
3685	481363.09	3851377.25	3.23415	3.38784	3.89645	4.25959	7.38E-02	0.00361	5.9E-05	0.01362	0.09109	9.76E-02	0.004773	4.77E-05	0.008455	1.11E-01	0.113082	0.004825	3.52E-05	0.009327	0.127269
3686	481863.09	3851377.25	1.91122	2.88812	2.2288	2.05538	4.36E-02	0.00308	3.4E-05	0.00657	0.0533	5.77E-02	0.004069	2.73E-05	0.00408	6.59E-02	0.066826	0.004113	2.02E-05	0.004501	0.07546
3687	482363.09	3851377.25	2.2928	2.32608	2.86786	1.46244	5.23E-02	0.00248	4.3E-05	0.00468	0.05952	6.92E-02	0.003277	3.51E-05	0.002903	7.54E-02	0.080168	0.003313	2.59E-05	0.003202	0.086709
3688	482863.09	3851377.25	1.6833	1.9862	1.97478	1.10743	3.84E-02	0.00212	3E-05	0.00354	0.0441	5.08E-02	0.002798	2.42E-05	0.002198	5.58E-02	0.058856	0.002829	1.79E-05	0.002425	0.064128
3689	483363.09	3851377.25	0.67186	1.36589	0.84075	0.58276	1.53E-02	0.00146	1.3E-05	0.00186	0.01866	2.03E-02	0.001924	1.03E-05	0.001157	2.34E-02	0.023492	0.001945	7.61E-06	0.001276	0.02672
3690	483863.09	3851377.25	0.52087	1.09099	0.65395	0.52396	1.19E-02	0.00116	9.9E-06	0.00168	0.01473	1.57E-02	0.001537	8E-06	0.00104	1.83E-02	0.018212	0.001554	5.92E-06	0.001147	0.020919
3691	484363.09	3851377.25	0.9103	0.99321	1.15587	0.72507	2.08E-02	0.00106	1.7E-05	0.00232	0.02417	2.75E-02	0.001399	1.41E-05	0.001439	3.03E-02	0.031829	0.001414	1.05E-05	0.001588	0.034841
3692	484863.09	3851377.25	0.49032	0.72483	0.5774	0.58153	1.12E-02	0.00077	8.7E-06	0.00186	0.01383	1.48E-02	0.001021	7.07E-06	0.001154	1.70E-02	0.017144	0.001032	5.22E-06	0.001273	0.019455
3693	485363.09	3851377.25	0.86283	1.13345	0.97516	0.53098	1.97E-02	0.00121	1.5E-05	0.0017	0.02261	2.60E-02	0.001597	1.19E-05	0.001054	2.87E-02	0.030169	0.001614	8.82E-06	0.001163	0.032954
3694	485863.09	3851377.25	0.43815	0.93689	0.56202	0.48252	1.00E-02	0.001	8.5E-06	0.00154	0.01255	1.32E-02	0.00132	6.88E-06	0.000958	1.55E-02	0.01532	0.001334	5.08E-06	0.001057	0.017716
3695	486363.09	3851377.25	0.50889	1.23478	0.65188	0.45452	1.16E-02	0.00132	9.8E-06	0.00145	0.01439	1.54E-02	0.00174	7.98E-06	0.000902	1.80E-02	0.017793	0.001759	5.9E-06	0.000995	0.020553
3696	486863.09	3851377.25	0.44566	1.19748	0.50296	0.39873	1.02E-02	0.00128	7.6E-06	0.00127	0.01273	1.35E-02	0.001687	6.16E-06	0.000791	1.59E-02	0.015582	0.001705	4.55E-06	0.000873	0.018165
3697	487363.09	3851377.25	0.33802	0.78443	0.34609	0.3368	7.71E-03	0.00084	5.2E-06	0.00108	0.00963	1.02E-02	0.001105	4.24E-06	0.000669	1.20E-02	0.011819	0.001117	3.13E-06	0.000737	0.013677
3698	487863.09	3851377.25	0.27185	0.63749	0.32815	0.26635	6.20E-03	0.00068	4.9E-06	0.00085	0.00774	8.20E-03	0.000898	4.02E-06	0.000529	9.64E-03	0.009505	0.000908	2.97E-06	0.000583	0.010999
3699	488363.09	3851377.25	0.22418	0.57861	0.30528	0.34561	5.12E-03	0.00062	4.6E-06	0.0011	0.00684	6.77E-03	0.000815	3.74E-06	0.000686	8.27E-03	0.007838	0.000824	2.76E-06	0.000757	0.009422
3700	488863.09	3851377.25	0.22116	0.65394	0.30297	0.34485	5.05E-03	0.0007	4.6E-06	0.0011	0.00685	6.67E-03	0.000921	3.71E-06	0.000684	8.28E-03	0.007733	0.000931	2.74E-06	0.000755	0.009422
3701	489363.09	3851377.25	0.23515	0.72868	0.30104	0.33276	5.37E-03	0.00078	4.5E-06	0.00106	0.00721	7.10E-03	0.001027	3.68E-06	0.00066	8.79E-03	0.008222	0.001038	2.72E-06	0.000729	0.009991
3702	489863.09	3851377.25	0.22141	0.43457	0.29914	0.32082	5.05E-03	0.00046	4.5E-06	0.00103	0.00655	6.68E-03	0.000612	3.66E-06	0.000637	7.94E-03	0.007742	0.000619	2.71E-06	0.000702	0.009066
3703	490363.09	3851377.25	0.22478	0.42241	0.29713	0.30989	5.13E-03	0.00045	4.5E-06	0.00099	0.00657	6.78E-03	0.000595	3.64E-06	0.000615	8.00E-03	0.007859	0.000602	2.69E-06	0.000679	0.009142
3704	490863.09	3851377.25	0.20843	0.34765	0.28667	0.30035	4.76E-03	0.00037	4.3E-06	0.00096	0.00609	6.29E-03	0.00049	3.51E-06	0.000596	7.38E-03	0.007288	0.000495	2.59E-06	0.000658	0.008443
3705	491363.09	3851377.25	0.18747	0.45853	0.21743	0.29215	4.28E-03	0.00049	3.3E-06	0.00093	0.0057	5.66E-03	0.000646	2.66E-06	0.00058	6.89E-03	0.006555	0.000653	1.97E-06	0.00064	0.00785
3706	491863.09	3851377.25	0.18004	0.68438	0.2215	0.28491	4.11E-03	0.00073	3.3E-06	0.00091	0.00575	5.43E-03	0.000964	2.71E-06	0.000566	6.97E-03	0.006295	0.000975	2E-06	0.000624	0.007896
3707	492363.09	3851377.25	0.19161	0.60032	0.21715	0.27505	4.37E-03	0.00064	3.3E-06	0.00088	0.00589	5.78E-03	0.000846	2.66E-06	0.000546	7.18E-03	0.0067	0.000855	1.96E-06	0.000602	0.008159
3708	492863.09	3851377.25	0.19464	0.36696	0.24628	0.22919	4.44E-03	0.00039	3.7E-06	0.00073	0.00557	5.87E-03	0.000517	3.01E-06	0.000455	6.85E-03	0.006806	0.000523	2.23E-06	0.000502	0.007832
3709	493363.09	3851377.25	0.19271	0.3853	0.26349	0.18566	4.40E-03	0.00041	4E-06	0.00059	0.00541	5.82E-03	0.000543	3.22E-06	0.000369	6.73E-03	0.006738	0.000549	2.38E-06	0.000407	0.007696
3710	493863.09	3851377.25	0.19222	0.40947	0.26571	0.24589	4.39E-03	0.00044	4E-06	0.00079	0.00561	5.80E-03	0.000577	3.25E-06	0.000488	6.87E-03	0.006721	0.000583	2.4E-06	0.000538	0.007845
3711	494363.09	3851377.25	0.20659	0.4077	0.26531	0.26541	4.71E-03	0.00043	4E-06	0.00085	0.006	6.24E-03	0.000574	3.25E-06	0.000527	7.34E-03	0.007223	0.000581	2.4E-06	0.000581	0.008388
3712	494863.09	3851377.25	0.20511	0.33988	0.26447	0.26726	4.68E-03	0.00036	4E-06	0.00085	0.0059	6.19E-03	0.000479	3.24E-06	0.00053	7.20E-03	0.007172	0.000484	2.39E-06	0.000585	0.008243
3713	495363.09	3851377.25	0.23734	0.3787	0.31013	0.26505	5.42E-03	0.0004	4.7E-06	0.00085	0.00667	7.16E-03	0.000534	3.8E-06	0.000526	8.23E-03	0.008299	0.000539	2.81E-06	0.00058	0.009421
3714	495863.09	3851377.25	0.23811	0.41224	0.32296	0.26216	5.43E-03	0.00044	4.9E-06	0.00084	0.00672	7.19E-03	0.000581	3.95E-06	0.00052	8.29E-03	0.008326	0.000587	2.92E-06	0.000574	0.00949
3715	496363.09	3851377.25	0.23297	0.3733	0.32013	0.25933	5.32E-03	0.0004	4.8E-06	0.00083	0.00655	7.03E-03	0.000526	3.92E-06	0.000515	8.08E-03	0.008146	0.000532	2.9E-06	0.000568	0.009248
3716	496863.09	3851377.25	0.22325	0.43916	0.30821	0.25638	5.09E-03	0.00047	4.6E-06	0.00082	0.00639	6.74E-03	0.000619	3.77E-06	0.000509	7.87E-03	0.007806	0.000625	2.79E-06	0.000561	0.008996
3717	497363.09	3851377.25	0.21427	0.47423	0.29548	0.25348	4.89E-03	0.00051	4.5E-06	0.00081	0.00621	6.47E-03	0.000668	3.62E-06	0.000503	7.64E-03	0.007492	0.000675	2.67E-06	0.000555	0.008725

3718	497863.09	3851377.25	0.21622	0.4091	0.27889	0.25056	4.93E-03	0.00044	4.2E-06	0.0008	0.00618	6.53E-03	0.000576	3.41E-06	0.000497	7.60E-03	0.00756	0.000583	2.52E-06	0.000549	0.008694
3719	498363.09	3851377.25	0.20593	0.2854	0.26238	0.24772	4.70E-03	0.0003	4E-06	0.00079	0.0058	6.22E-03	0.000402	3.21E-06	0.000492	7.11E-03	0.0072	0.000406	2.37E-06	0.000542	0.008152
3720	471363.09	3851877.25	0.49575	0.63871	0.63864	0.43456	1.13E-02	0.00068	9.6E-06	0.00139	0.01339	1.50E-02	0.0009	7.82E-06	0.000863	1.67E-02	0.017334	0.00091	5.78E-06	0.000952	0.019201
3721	471863.09	3851877.25	0.48491	0.64458	0.59447	0.40948	1.11E-02	0.00069	9E-06	0.00131	0.01307	1.46E-02	0.000908	7.28E-06	0.000813	1.64E-02	0.016955	0.000918	5.38E-06	0.000897	0.018775
3722	472363.09	3851877.25	0.54521	0.73738	0.67792	0.48146	1.24E-02	0.00079	1E-05	0.00154	0.01478	1.65E-02	0.001039	8.3E-06	0.000956	1.85E-02	0.019063	0.00105	6.13E-06	0.001054	0.021174
3723	472863.09	3851877.25	0.56023	0.96176	0.76065	0.53181	1.28E-02	0.00102	1.1E-05	0.0017	0.01552	1.69E-02	0.001355	9.31E-06	0.001056	1.93E-02	0.019588	0.00137	6.88E-06	0.001164	0.022129
3724	473363.09	3851877.25	0.55713	0.7038	0.72791	0.42201	1.27E-02	0.00075	1.1E-05	0.00135	0.01482	1.68E-02	0.000992	8.91E-06	0.000838	1.87E-02	0.01948	0.001002	6.59E-06	0.000924	0.021413
3725	473863.09	3851877.25	0.59155	0.80979	0.70223	0.42521	1.35E-02	0.00086	1.1E-05	0.00136	0.01573	1.79E-02	0.001141	8.59E-06	0.000844	1.98E-02	0.020684	0.001153	6.35E-06	0.000931	0.022774
3726	474363.09	3851877.25	0.67427	1.06091	0.81794	0.58933	1.54E-02	0.00113	1.2E-05	0.00188	0.01841	2.04E-02	0.001495	1E-05	0.00117	2.30E-02	0.023576	0.001511	7.4E-06	0.00129	0.026385
3727	474863.09	3851877.25	0.94457	1.1373	1.02531	0.89229	2.16E-02	0.00121	1.5E-05	0.00285	0.02564	2.85E-02	0.001602	1.25E-05	0.001771	3.19E-02	0.033027	0.00162	9.28E-06	0.001954	0.03661
3728	475363.09	3851877.25	1.16446	1.63585	1.29957	1.10619	2.66E-02	0.00174	2E-05	0.00354	0.03187	3.51E-02	0.002305	1.59E-05	0.002196	3.97E-02	0.040715	0.00233	1.18E-05	0.002422	0.045479
3729	475863.09	3851877.25	1.31935	1.72605	1.50766	1.13775	3.01E-02	0.00184	2.3E-05	0.00364	0.03561	3.98E-02	0.002432	1.85E-05	0.002258	4.45E-02	0.046131	0.002458	1.36E-05	0.002491	0.051094
3730	476363.09	3851877.25	1.39652	1.36348	1.61875	0.95926	3.19E-02	0.00145	2.4E-05	0.00307	0.03641	4.21E-02	0.001921	1.98E-05	0.001904	4.60E-02	0.048829	0.001942	1.46E-05	0.0021	0.052886
3731	476863.09	3851877.25	1.421	1.31303	1.59394	1.0494	3.24E-02	0.0014	2.4E-05	0.00335	0.03721	4.29E-02	0.00185	1.95E-05	0.002083	4.68E-02	0.049685	0.00187	1.44E-05	0.002298	0.053867
3732	477363.09	3851877.25	1.31715	1.56286	1.49671	1.50308	3.01E-02	0.00166	2.3E-05	0.00481	0.03655	3.98E-02	0.002202	1.83E-05	0.002983	4.50E-02	0.046054	0.002226	1.35E-05	0.003291	0.051585
3733	477863.09	3851877.25	1.6097	1.80933	1.93693	1.74989	3.67E-02	0.00193	2.9E-05	0.00559	0.04429	4.86E-02	0.002549	2.37E-05	0.003473	5.46E-02	0.056283	0.002577	1.75E-05	0.003832	0.062709
3734	478363.09	3851877.25	1.73976	2.21116	1.92373	1.99012	3.97E-02	0.00236	2.9E-05	0.00636	0.04845	5.25E-02	0.003115	2.35E-05	0.00395	5.96E-02	0.060831	0.003149	1.74E-05	0.004358	0.068355
3735	478863.09	3851877.25	1.52441	2.13376	1.8471	2.20708	3.48E-02	0.00227	2.8E-05	0.00706	0.04415	4.60E-02	0.003006	2.26E-05	0.004381	5.34E-02	0.053301	0.003039	1.67E-05	0.004833	0.061189
3736	479363.09	3851877.25	1.8746	2.4538	1.91502	2.51786	4.28E-02	0.00261	2.9E-05	0.00805	0.05347	5.66E-02	0.003457	2.34E-05	0.004998	6.51E-02	0.065545	0.003495	1.73E-05	0.005513	0.07457
3737	479863.09	3851877.25	2.37598	2.77526	2.14649	2.45731	5.42E-02	0.00296	3.2E-05	0.00786	0.06507	7.17E-02	0.00391	2.63E-05	0.004878	8.05E-02	0.083076	0.003952	1.94E-05	0.005381	0.092428
3738	480363.09	3851877.25	2.15562	2.61181	2.27273	2.68147	4.92E-02	0.00278	3.4E-05	0.00857	0.06058	6.51E-02	0.00368	2.78E-05	0.005322	7.41E-02	0.075371	0.00372	2.06E-05	0.005872	0.084983
3739	480863.09	3851877.25	2.14956	3.03004	2.21053	3.75087	4.91E-02	0.00323	3.3E-05	0.01199	0.06431	6.49E-02	0.004269	2.71E-05	0.007445	7.66E-02	0.075159	0.004315	2E-05	0.008213	0.087708
3740	481363.09	3851877.25	3.36964	4.6808	3.34621	3.79941	7.69E-02	0.00499	5E-05	0.01215	0.09408	1.02E-01	0.006595	4.1E-05	0.007541	1.16E-01	0.117819	0.006666	3.03E-05	0.008319	0.132835
3741	481863.09	3851877.25	3.64098	3.58265	4.45302	4.79394	8.31E-02	0.00382	6.7E-05	0.01533	0.1023	1.10E-01	0.005048	5.45E-05	0.009515	1.25E-01	0.127307	0.005102	4.03E-05	0.010497	0.142946
3742	482363.09	3851877.25	2.3596	3.43676	2.68912	1.52569	5.38E-02	0.00366	4.1E-05	0.00488	0.06243	7.12E-02	0.004842	3.29E-05	0.003028	7.91E-02	0.082503	0.004894	2.43E-05	0.003341	0.090763
3743	482863.09	3851877.25	1.91785	1.56332	2.45222	1.30054	4.38E-02	0.00167	3.7E-05	0.00416	0.04963	5.79E-02	0.002203	3E-05	0.002581	6.27E-02	0.067058	0.002226	2.22E-05	0.002848	0.072154
3744	483363.09	3851877.25	1.43776	2.34423	1.5379	1.01237	3.28E-02	0.0025	2.3E-05	0.00324	0.03857	4.34E-02	0.003303	1.88E-05	0.002009	4.87E-02	0.050271	0.003339	1.39E-05	0.002217	0.05584
3745	483863.09	3851877.25	0.90599	2.59727	1.24527	0.66241	2.07E-02	0.00277	1.9E-05	0.00212	0.02558	2.73E-02	0.003659	1.52E-05	0.001315	3.23E-02	0.031678	0.003699	1.13E-05	0.00145	0.036839
3746	484363.09	3851877.25	1.23208	1.5913	1.50157	0.73992	2.81E-02	0.0017	2.3E-05	0.00237	0.0322	3.72E-02	0.002242	1.84E-05	0.001469	4.09E-02	0.04308	0.002266	1.36E-05	0.00162	0.04698
3747	484863.09	3851877.25	0.95023	1.33964	1.17527	0.70089	2.17E-02	0.00143	1.8E-05	0.00224	0.02537	2.87E-02	0.001887	1.44E-05	0.001391	3.20E-02	0.033225	0.001908	1.06E-05	0.001535	0.036678
3748	485363.09	3851877.25	1.09537	1.55209	1.40542	0.6099	2.50E-02	0.00165	2.1E-05	0.00195	0.02862	3.31E-02	0.002187	1.72E-05	0.001211	3.65E-02	0.0383	0.00221	1.27E-05	0.001335	0.041858
3749	485863.09	3851877.25	0.7459	1.64473	0.97321	0.49321	1.70E-02	0.00175	1.5E-05	0.00158	0.02037	2.25E-02	0.002317	1.19E-05	0.000979	2.58E-02	0.02608	0.002342	8.8E-06	0.00108	0.029511
3750	486363.09	3851877.25	0.56812	1.40035	0.72978	0.45858	1.30E-02	0.00149	1.1E-05	0.00147	0.01593	1.71E-02	0.001973	8.93E-06	0.00091	2.00E-02	0.019864	0.001994	6.6E-06	0.001004	0.022869
3751	486863.09	3851877.25	0.53403	1.71476	0.55271	0.41758	1.22E-02	0.00183	8.3E-06	0.00134	0.01536	1.61E-02	0.002416	6.76E-06	0.000829	1.94E-02	0.018672	0.002442	5E-06	0.000914	0.022034
3752	487363.09	3851877.25	0.41311	0.92025	0.56883	0.3832	9.43E-03	0.00098	8.6E-06	0.00123	0.01164	1.25E-02	0.001297	6.96E-06	0.000761	1.45E-02	0.014444	0.001311	5.15E-06	0.000839	0.016599
3753	487863.09	3851877.25	0.26017	0.6505	0.3138	0.34506	5.94E-03	0.00069	4.7E-06	0.0011	0.00774	7.85E-03	0.000917	3.84E-06	0.000685	9.46E-03	0.009097	0.000926	2.84E-06	0.000756	0.010782
3754	488363.09	3851877.25	0.22692	0.80334	0.3076	0.35113	5.18E-03	0.00086	4.6E-06	0.00112	0.00716	6.85E-03	0.001132	3.76E-06	0.000697	8.68E-03	0.007934	0.001144	2.78E-06	0.000769	0.00985
3755	488863.09	3851877.25	0.24148	0.61291	0.30546	0.33928	5.51E-03	0.00065	4.6E-06	0.00108	0.00725	7.29E-03	0.000864	3.74E-06	0.000673	8.83E-03	0.008443	0.000873	2.76E-06	0.000743	0.010062
3756	489363.09	3851877.25	0.23638	0.51663	0.30338	0.32671	5.39E-03	0.00055	4.6E-06	0.00104	0.00699	7.13E-03	0.000728	3.71E-06	0.000648	8.51E-03	0.008265	0.000736	2.74E-06	0.000715	0.009719
3757	489863.09	3851877.25	0.22222	0.35696	0.30131	0.31466	5.07E-03	0.00038	4.5E-06	0.00101	0.00646	6.71E-03	0.000503	3.69E-06	0.000625	7.84E-03	0.00777	0.000508	2.73E-06	0.000689	0.00897
3758	490363.09	3851877.25	0.21788	0.46063	0.29635	0.30391	4.97E-03	0.00049	4.5E-06	0.00097	0.00644	6.58E-03	0.000649	3.63E-06	0.000603	7.83E-03	0.007618	0.000656	2.68E-06	0.000665	0.008942
3759	490863.09	3851877.25	0.23291	0.66882	0.25764	0.29471	5.32E-03	0.00071	3.9E-06	0.00094	0.00697	7.03E-03	0.000942	3.15E-06	0.000585	8.56E-03	0.008144	0.000952	2.33E-06	0.000645	0.009744
3760	491363.09	3851877.25	0.26342	0.72159	0.26043	0.28687	6.01E-03	0.00077	3.9E-06	0.00092	0.0077	7.95E-03	0.001017	3.19E-06	0.000569	9.54E-03	0.00921	0.001028	2.36E-06	0.000628	0.010869
3761	491863.09	3851877.25	0.2831	0.60202	0.26551	0.27895	6.46E-03	0.00064	4E-06	0.00089	0.008	8.54E-03	0.000848	3.25E-06	0.000554	9.95E-03	0.009899	0.000857	2.4E-06	0.000611	0.011369
3762	492363.09	3851877.25	0.26798	0.60565	0.26878	0.24908	6.12E-03	0.00065	4.1E-06	0.0008	0.00756	8.09E-03	0.000853	3.29E-06	0.000494	9.44E-03	0.00937	0.000863	2.43E-06	0.000545	0.01078
3763	492863.09	3851877.25	0.19785	0.40644	0.26885	0.25553	4.52E-03	0.00043	4.1E-06	0.00082	0.00577	5.97E-03	0.000573	3.29E-06	0.000507	7.05E-03	0.006918	0.000579	2.43E-06	0.00056	0.008059
3764	493363.09	3851877.25	0.23925	0.42999	0.29308	0.2679	5.46E-03	0.00046	4.4E-06	0.00086	0.00678	7.22E-03	0.000606	3.59E-06	0.000532	8.36E-03	0.008365	0.000612	2.65E-06	0.000587	0.009567
3765	493863.09	3851877.25	0.2886	0.4978	0.36989	0.26735	6.59E-03	0.00053	5.6E-06	0.00085	0.00798	8.71E-03	0.000701	4.53E-06	0.000531	9.95E-03	0.010091	0.000709	3.35E-06	0.000585	0.011389
3766	494363.09	3851877.25	0.25148	0.45571	0.33379	0.26468	5.74E-03	0.00049	5E-06	0.00085	0.00708	7.59E-03	0.000642	4.09E-06	0.000525	8.76E-03	0.008793	0.000649	3.02E-06	0.00058	0.010025
3767	494863.09	3851877.25	0.26586	0.48481	0.36268	0.26177	6.07E-03	0.00052	5.5E-06	0.00084	0.00743	8.02E-03	0.000683	4.44E-06	0.00052	9.23E-03	0.009296	0.00069	3.28E-06	0.000573	0.010563
3768	495363.09	3851877.25	0.27146	0.67632	0.37182	0.25884	6.19E-03	0.00072	5.6E-06	0.00083	0.00775	8.19E-03	0.000953	4.55E-06	0.000514	9.66E-03	0.009492	0.000963	3.36E-06	0.000567	0.011025
3769	495863.09	3851877.25	0.29101	0.70104	0.37239	0.25596	6.64E-03	0.00075	5.6E-06	0.00082	0.00821	8.78E-03	0.000988	4.56E-06	0.000508	1.03E-02	0.010175	0.000998	3.37E-06	0.00056	0.011737
3770	496363.09	3851877.25	0.28269	0.56007	0.3526	0.25315	6.45E-03	0.0006	5.3E-06	0.00081	0.00786	8.53E-03	0.000789	4.32E-06	0.000502	9.83E-03	0.009884	0.000798	3.19E-06	0.000554	0.011239
3771	496863.09	3851877.25	0.26462	0.45918	0.33368	0.25086	6.04E-03	0.00049	5E-06	0.0008	0.00734	7.99E-03	0.000647	4.08E-06	0.000498	9.14E-03	0.009252	0.000654	3.02E-06	0.000549	0.010459
3772	497363.09	3851877.25	0.2413	0.34948	0.31543	0.24996	5.51E-03	0.00037	4.8E-06	0.0008	0.00668	7.28E-03	0.000492	3.86E-06	0.000496	8.28E-03	0.008437	0.000498	2.85E-06	0.000547	0.009485
3773	497863.09	3851877.25	0.1993	0.36547	0.28125	0.25013	4.55E-03	0.00039	4.2E-06	0.0008	0.00574	6.02E-03	0.000515	3.44E-06	0.000496	7.03E-03	0.006969	0.00052	2.54E-06	0.000548	0.008039
3774	498363.09	3851877.25	0.18186	0.51073	0.24946	0.25018	4.15E-03	0.00054	3.8E-06	0.0008	0.0055	5.49E-03	0.00072	3.05E-06	0.000497	6.71E-03	0.006359	0.000727	2.26E-06	0.000548	0.007636
3775	471363.09	3852377.25	0.44728	0.69806	0.58877	0.574	1.02E-02	0.00074	8.9E-06	0.00184	0.01279	1.35E-02	0.000984	7.21E-06	0.001139	1.56E-02	0.015639	0.000994	5.33E-06	0.001257	0.017895
3776	471863.09	3852377.25	0.52507	0.95332	0.69403	0.53753	1.20E-02	0.00102	1E-05	0.00172	0.01473	1.58E-02	0.001343	8.49E-06	0.001067	1.83E-02	0.018359	0.001358	6.28E-06	0.001177	0.0209
3777	472363.09	3852377.25	0.53785	1.01694	0.6771	0.47777	1.23E-02	0.00108	1E-05	0.00153	0.0149	1.62E-02	0.001433	8.29E-06	0.000948	1.86E-02	0.018806	0.001448	6.13E-06	0.001046	0.021306
3778	472863.09	3852377.25	0.55459	0.88604	0.74301	0.55356	1.27E-02	0.00094	1.1E-05	0.00177	0.01538	1.67E-02	0.001248	9.09E-06	0.001099	1.91E-02	0.019391	0.001262	6.72E-06	0.001212	0.021872

3779	473363.09	3852377.25	0.59476	0.85933	0.76455	0.526	1.36E-02	0.00092	1.2E-05	0.00168	0.01618	1.80E-02	0.001211	9.36E-06	0.001044	2.02E-02	0.020796	0.001224	6.92E-06	0.001152	0.023178
3780	473863.09	3852377.25	0.61418	0.76906	0.73802	0.48868	1.40E-02	0.00082	1.1E-05	0.00156	0.01641	1.85E-02	0.001084	9.03E-06	0.00097	2.06E-02	0.021475	0.001095	6.68E-06	0.00107	0.023647
3781	474363.09	3852377.25	0.62356	0.89295	0.79185	0.48207	1.42E-02	0.00095	1.2E-05	0.00154	0.01673	1.88E-02	0.001258	9.69E-06	0.000957	2.10E-02	0.021803	0.001272	7.16E-06	0.001056	0.024137
3782	474863.09	3852377.25	0.72903	1.11228	0.92594	0.66231	1.66E-02	0.00118	1.4E-05	0.00212	0.01995	2.20E-02	0.001567	1.13E-05	0.001315	2.49E-02	0.02549	0.001584	8.38E-06	0.00145	0.028533
3783	475363.09	3852377.25	0.7881	1.14264	0.91076	0.65926	1.80E-02	0.00122	1.4E-05	0.00211	0.02132	2.38E-02	0.00161	1.11E-05	0.001309	2.67E-02	0.027556	0.001627	8.24E-06	0.001444	0.030635
3784	475863.09	3852377.25	0.92199	1.2311	1.0183	0.8509	2.10E-02	0.00131	1.5E-05	0.00272	0.02509	2.78E-02	0.001735	1.25E-05	0.001689	3.13E-02	0.032237	0.001753	9.21E-06	0.001863	0.035863
3785	476363.09	3852377.25	1.10685	1.50664	1.33154	0.92318	2.53E-02	0.00161	2E-05	0.00295	0.02984	3.34E-02	0.002123	1.63E-05	0.001832	3.74E-02	0.038701	0.002146	1.2E-05	0.002021	0.04288
3786	476863.09	3852377.25	1.37527	1.84057	1.7117	0.95177	3.14E-02	0.00196	2.6E-05	0.00304	0.03641	4.15E-02	0.002593	2.09E-05	0.001889	4.60E-02	0.048086	0.002621	1.55E-05	0.002084	0.052807
3787	477363.09	3852377.25	1.53682	1.61596	1.81834	0.81576	3.51E-02	0.00172	2.7E-05	0.00261	0.03943	4.64E-02	0.002277	2.23E-05	0.001619	5.03E-02	0.053735	0.002301	1.64E-05	0.001786	0.057839
3788	477863.09	3852377.25	1.27528	1.39163	1.43912	0.93369	2.91E-02	0.00148	2.2E-05	0.00299	0.03359	3.85E-02	0.001961	1.76E-05	0.001853	4.23E-02	0.04459	0.001982	1.3E-05	0.002044	0.048629
3789	478363.09	3852377.25	1.24401	1.17985	1.53638	1.12697	2.84E-02	0.00126	2.3E-05	0.0036	0.03327	3.75E-02	0.001662	1.88E-05	0.002237	4.15E-02	0.043497	0.00168	1.39E-05	0.002468	0.047659
3790	478863.09	3852377.25	1.79691	2.09804	2.29435	1.47498	4.10E-02	0.00224	3.5E-05	0.00472	0.04799	5.42E-02	0.002956	2.81E-05	0.002928	6.01E-02	0.062829	0.002988	2.08E-05	0.00323	0.069067
3791	479363.09	3852377.25	2.12333	2.60677	2.37103	1.76972	4.85E-02	0.00278	3.6E-05	0.00566	0.05693	6.41E-02	0.003673	2.9E-05	0.003513	7.13E-02	0.074242	0.003712	2.14E-05	0.003875	0.081851
3792	479863.09	3852377.25	2.11513	2.67606	2.3783	2.45953	4.83E-02	0.00285	3.6E-05	0.00786	0.05902	6.38E-02	0.00377	2.91E-05	0.004882	7.25E-02	0.073955	0.003811	2.15E-05	0.005386	0.083174
3793	480363.09	3852377.25	2.71392	3.1965	2.52726	3.01264	6.19E-02	0.00341	3.8E-05	0.00963	0.07501	8.19E-02	0.004504	3.09E-05	0.00598	9.24E-02	0.094892	0.004552	2.29E-05	0.006597	0.106064
3794	480863.09	3852377.25	2.88705	3.44144	2.84451	3.12541	6.59E-02	0.00367	4.3E-05	0.00999	0.07959	8.71E-02	0.004849	3.48E-05	0.006204	9.82E-02	0.100946	0.004901	2.57E-05	0.006844	0.112716
3795	481363.09	3852377.25	2.54008	3.65469	2.74131	4.13841	5.80E-02	0.00389	4.1E-05	0.01323	0.07513	7.67E-02	0.005149	3.36E-05	0.008214	9.01E-02	0.088814	0.005205	2.48E-05	0.009062	0.103105
3796	481863.09	3852377.25	3.88599	5.65986	4.02415	4.3479	8.87E-02	0.00603	6.1E-05	0.0139	0.10867	1.17E-01	0.007974	4.93E-05	0.00863	1.34E-01	0.135873	0.00806	3.64E-05	0.00952	0.153491
3797	482363.09	3852377.25	4.059	4.61139	4.99741	5.56721	9.26E-02	0.00491	7.5E-05	0.0178	0.11542	1.23E-01	0.006497	6.12E-05	0.01105	1.40E-01	0.141923	0.006567	4.52E-05	0.01219	0.160726
3798	482863.09	3852377.25	2.88733	4.46061	3.60235	2.10034	6.59E-02	0.00475	5.4E-05	0.00671	0.07741	8.71E-02	0.006285	4.41E-05	0.004169	9.76E-02	0.100955	0.006353	3.26E-05	0.004599	0.11194
3799	483363.09	3852377.25	2.49826	3.02983	3.3078	1.44072	5.70E-02	0.00323	5E-05	0.00461	0.0649	7.54E-02	0.004269	4.05E-05	0.00286	8.26E-02	0.087352	0.004315	2.99E-05	0.003155	0.094851
3800	483863.09	3852377.25	1.28396	3.3247	1.62461	0.89407	2.93E-02	0.00354	2.4E-05	0.00286	0.03573	3.88E-02	0.004684	1.99E-05	0.001775	4.52E-02	0.044894	0.004735	1.47E-05	0.001958	0.051601
3801	484363.09	3852377.25	1.51534	2.42788	1.84266	0.75187	3.46E-02	0.00259	2.8E-05	0.0024	0.0396	4.57E-02	0.003421	2.26E-05	0.001492	5.07E-02	0.052984	0.003458	1.67E-05	0.001646	0.058104
3802	484863.09	3852377.25	1.5407	2.28694	2.00935	0.71986	3.52E-02	0.00244	3E-05	0.0023	0.03993	4.65E-02	0.003222	2.46E-05	0.001429	5.12E-02	0.05387	0.003257	1.82E-05	0.001576	0.058722
3803	485363.09	3852377.25	1.53476	2.9045	2.14496	0.66467	3.50E-02	0.00309	3.2E-05	0.00212	0.04028	4.63E-02	0.004092	2.63E-05	0.001319	5.18E-02	0.053663	0.004136	1.94E-05	0.001455	0.059274
3804	485863.09	3852377.25	1.01751	2.5179	1.32995	0.54726	2.32E-02	0.00268	2E-05	0.00175	0.02767	3.07E-02	0.003548	1.63E-05	0.001086	3.54E-02	0.035577	0.003586	1.2E-05	0.001198	0.040373
3805	486363.09	3852377.25	0.66904	1.90064	0.78653	0.46371	1.53E-02	0.00202	1.2E-05	0.00148	0.01879	2.02E-02	0.002678	9.63E-06	0.00092	2.38E-02	0.023393	0.002707	7.12E-06	0.001015	0.027122
3806	486863.09	3852377.25	0.57521	1.1113	0.71889	0.43043	1.31E-02	0.00118	1.1E-05	0.00138	0.0157	1.74E-02	0.001566	8.8E-06	0.000854	1.98E-02	0.020112	0.001583	6.5E-06	0.000942	0.022644
3807	487363.09	3852377.25	0.38523	0.81362	0.41552	0.43434	8.79E-03	0.00087	6.3E-06	0.00139	0.01105	1.16E-02	0.001146	5.09E-06	0.000862	1.36E-02	0.01347	0.001159	3.76E-06	0.000951	0.015583
3808	487863.09	3852377.25	0.26114	0.90227	0.31299	0.35686	5.96E-03	0.00096	4.7E-06	0.00114	0.00807	7.88E-03	0.001271	3.83E-06	0.000708	9.86E-03	0.009131	0.001285	2.83E-06	0.000781	0.0112
3809	488363.09	3852377.25	0.2767	0.80149	0.31978	0.34596	6.31E-03	0.00085	4.8E-06	0.00111	0.00828	8.35E-03	0.001129	3.91E-06	0.000687	1.02E-02	0.009675	0.001141	2.89E-06	0.000758	0.011577
3810	488863.09	3852377.25	0.25161	0.46292	0.30809	0.33345	5.74E-03	0.00049	4.6E-06	0.00107	0.00731	7.59E-03	0.000652	3.77E-06	0.000662	8.91E-03	0.008798	0.000659	2.79E-06	0.00073	0.01019
3811	489363.09	3852377.25	0.23218	0.47884	0.30579	0.32054	5.30E-03	0.00051	4.6E-06	0.00102	0.00684	7.01E-03	0.000675	3.74E-06	0.000636	8.32E-03	0.008118	0.000682	2.77E-06	0.000702	0.009505
3812	489863.09	3852377.25	0.22121	0.74251	0.3029	0.30842	5.05E-03	0.00079	4.6E-06	0.00099	0.00683	6.68E-03	0.001046	3.71E-06	0.000612	8.34E-03	0.007735	0.001057	2.74E-06	0.000675	0.00947
3813	490363.09	3852377.25	0.27967	0.61161	0.28036	0.29794	6.38E-03	0.00065	4.2E-06	0.00095	0.00799	8.44E-03	0.000862	3.43E-06	0.000591	9.90E-03	0.009779	0.000871	2.54E-06	0.000652	0.011305
3814	490863.09	3852377.25	0.31639	0.75993	0.31336	0.28915	7.22E-03	0.00081	4.7E-06	0.00092	0.00896	9.55E-03	0.001071	3.84E-06	0.000574	1.12E-02	0.011063	0.001082	2.83E-06	0.000633	0.012781
3815	491363.09	3852377.25	0.38691	0.86975	0.4364	0.2815	8.83E-03	0.00093	6.6E-06	0.0009	0.01066	1.17E-02	0.001225	5.34E-06	0.000559	1.35E-02	0.013528	0.001239	3.95E-06	0.000616	0.015387
3816	491863.09	3852377.25	0.37445	0.54649	0.47289	0.26363	8.55E-03	0.00058	7.1E-06	0.00084	0.00998	1.13E-02	0.00077	5.79E-06	0.000523	1.26E-02	0.013093	0.000778	4.28E-06	0.000577	0.014452
3817	492363.09	3852377.25	0.34028	0.58896	0.46024	0.26911	7.77E-03	0.00063	6.9E-06	0.00086	0.00926	1.03E-02	0.00083	5.63E-06	0.000534	1.16E-02	0.011898	0.000839	4.16E-06	0.000589	0.01333
3818	492863.09	3852377.25	0.33461	0.60893	0.44387	0.29516	7.64E-03	0.00065	6.7E-06	0.00094	0.00924	1.01E-02	0.000858	5.43E-06	0.000586	1.15E-02	0.0117	0.000867	4.02E-06	0.000646	0.013217
3819	493363.09	3852377.25	0.36047	0.86675	0.48159	0.3224	8.23E-03	0.00092	7.3E-06	0.00103	0.01019	1.09E-02	0.001221	5.89E-06	0.00064	1.27E-02	0.012604	0.001234	4.36E-06	0.000706	0.014548
3820	493863.09	3852377.25	0.34287	0.89997	0.4412	0.30508	7.82E-03	0.00096	6.6E-06	0.00098	0.00977	1.03E-02	0.001268	5.4E-06	0.000606	1.22E-02	0.011988	0.001282	3.99E-06	0.000668	0.013942
3821	494363.09	3852377.25	0.33831	0.76431	0.4042	0.2892	7.72E-03	0.00081	6.1E-06	0.00092	0.00947	1.02E-02	0.001077	4.95E-06	0.000574	1.19E-02	0.011829	0.001088	3.66E-06	0.000633	0.013554
3822	494863.09	3852377.25	0.37814	0.65038	0.41815	0.27363	8.63E-03	0.00069	6.3E-06	0.00087	0.0102	1.14E-02	0.000916	5.12E-06	0.000543	1.29E-02	0.013222	0.000926	3.78E-06	0.000599	0.014751
3823	495363.09	3852377.25	0.41973	0.63068	0.46928	0.27718	9.58E-03	0.00067	7.1E-06	0.00089	0.01114	1.27E-02	0.000889	5.74E-06	0.00055	1.41E-02	0.014676	0.000898	4.25E-06	0.000607	0.016185
3824	495863.09	3852377.25	0.37822	0.70262	0.4433	0.26051	8.63E-03	0.00075	6.7E-06	0.00083	0.01022	1.14E-02	0.00099	5.43E-06	0.000517	1.29E-02	0.013224	0.001001	4.01E-06	0.00057	0.0148
3825	496363.09	3852377.25	0.33164	0.53868	0.40919	0.26585	7.57E-03	0.00057	6.2E-06	0.00085	0.009	1.00E-02	0.000759	5.01E-06	0.000528	1.13E-02	0.011596	0.000767	3.7E-06	0.000582	0.012949
3826	496863.09	3852377.25	0.29829	0.37196	0.3874	0.2697	6.81E-03	0.0004	5.8E-06	0.00086	0.00807	9.00E-03	0.000524	4.74E-06	0.000535	1.01E-02	0.01043	0.00053	3.5E-06	0.000591	0.011553
3827	497363.09	3852377.25	0.23639	0.52516	0.31374	0.26323	5.39E-03	0.00056	4.7E-06	0.00084	0.0068	7.13E-03	0.00074	3.84E-06	0.000522	8.40E-03	0.008265	0.000748	2.84E-06	0.000576	0.009592
3828	497863.09	3852377.25	0.20146	0.57872	0.25377	0.25478	4.60E-03	0.00062	3.8E-06	0.00081	0.00603	6.08E-03	0.000815	3.11E-06	0.000506	7.40E-03	0.007044	0.000824	2.3E-06	0.000558	0.008428
3829	498363.09	3852377.25	0.17461	0.45436	0.23169	0.24616	3.98E-03	0.00048	3.5E-06	0.00079	0.00526	5.27E-03	0.00064	2.84E-06	0.000489	6.40E-03	0.006105	0.000647	2.1E-06	0.000539	0.007293
3830	471363.09	3852877.25	0.43507	0.66418	0.57478	0.59305	9.93E-03	0.00071	8.7E-06	0.0019	0.01254	1.31E-02	0.000936	7.03E-06	0.001177	1.53E-02	0.015212	0.000946	5.2E-06	0.001299	0.017462
3831	471863.09	3852877.25	0.52599	0.72316	0.68005	0.60037	1.20E-02	0.00077	1E-05	0.00192	0.0147	1.59E-02	0.001019	8.32E-06	0.001192	1.81E-02	0.018391	0.00103	6.15E-06	0.001315	0.020742
3832	472363.09	3852877.25	0.56299	0.80158	0.73163	0.60431	1.28E-02	0.00085	1.1E-05	0.00193	0.01564	1.70E-02	0.001129	8.95E-06	0.001199	1.93E-02	0.019685	0.001142	6.62E-06	0.001323	0.022156
3833	472863.09	3852877.25	0.59693	0.90504	0.78107	0.60202	1.36E-02	0.00096	1.2E-05	0.00192	0.01652	1.80E-02	0.001275	9.56E-06	0.001195	2.05E-02	0.020872	0.001289	7.07E-06	0.001318	0.023486
3834	473363.09	3852877.25	0.66216	0.97282	0.82379	0.58834	1.51E-02	0.00104	1.2E-05	0.00188	0.01804	2.00E-02	0.001371	1.01E-05	0.001168	2.25E-02	0.023152	0.001385	7.45E-06	0.001288	0.025834
3835	473863.09	3852877.25	0.7291	1.35221	0.94587	0.57118	1.66E-02	0.00144	1.4E-05	0.00183	0.01992	2.20E-02	0.001905	1.16E-05	0.001134	2.51E-02	0.025493	0.001926	8.56E-06	0.001251	0.028678
3836	474363.09	3852877.25	0.86857	1.59716	1.14474	0.67025	1.98E-02	0.0017	1.7E-05	0.00214	0.02368	2.62E-02	0.00225	1.4E-05	0.00133	2.98E-02	0.03037	0.002275	1.04E-05	0.001468	0.034122
3837	474863.09	3852877.25	0.75115	1.33699	0.89375	0.55805	1.71E-02	0.00142	1.3E-05	0.00178	0.02036	2.27E-02	0.001884	1.09E-05	0.001108	2.57E-02	0.026264	0.001904	8.09E-06	0.001222	0.029398
3838	475363.09	3852877.25	0.87176	1.4726	0.9553	0.59929	1.99E-02	0.00157	1.4E-05	0.00192	0.02339	2.63E-02	0.002075	1.17E-05	0.00119	2.96E-02	0.030481	0.002097	8.64E-06	0.001312	0.033899
3839	475863.09	3852877.25	0.83467	1.61579	0.95228	0.6006	1.90E-02	0.00172	1.4E-05	0.00192	0.0227	2.52E-02	0.002277	1.17E-05	0.001192	2.87E-02	0.029184	0.002301	8.61E-06	0.001315	0.032809

3840	476363.09	3852877.25	0.74678	1.45034	0.93528	0.50159	1.70E-02	0.00155	1.4E-05	0.0016	0.0202	2.25E-02	0.002043	1.14E-05	0.000996	2.56E-02	0.026111	0.002065	8.46E-06	0.001098	0.029283
3841	476863.09	3852877.25	0.67983	0.96441	0.80336	0.44154	1.55E-02	0.00103	1.2E-05	0.00141	0.01797	2.05E-02	0.001359	9.83E-06	0.000876	2.28E-02	0.02377	0.001373	7.27E-06	0.000967	0.026118
3842	477363.09	3852877.25	0.63423	0.9345	0.8041	0.41369	1.45E-02	0.001	1.2E-05	0.00132	0.0168	1.91E-02	0.001317	9.84E-06	0.000821	2.13E-02	0.022176	0.001331	7.27E-06	0.000906	0.02442
3843	477863.09	3852877.25	0.56805	0.90747	0.80602	0.40621	1.30E-02	0.00097	1.2E-05	0.0013	0.01524	1.71E-02	0.001279	9.86E-06	0.000806	1.92E-02	0.019862	0.001292	7.29E-06	0.000889	0.022051
3844	478363.09	3852877.25	0.4533	0.69375	0.48886	0.41422	1.03E-02	0.00074	7.4E-06	0.00132	0.01242	1.37E-02	0.000977	5.98E-06	0.000822	1.55E-02	0.01585	0.000988	4.42E-06	0.000907	0.017749
3845	478863.09	3852877.25	0.781	1.13035	0.85005	0.65357	1.78E-02	0.0012	1.3E-05	0.00209	0.02113	2.36E-02	0.001593	1.04E-05	0.001297	2.65E-02	0.027308	0.00161	7.69E-06	0.001431	0.030356
3846	479363.09	3852877.25	1.30345	1.19423	1.6411	1.06473	2.97E-02	0.00127	2.5E-05	0.0034	0.03445	3.93E-02	0.001683	2.01E-05	0.002113	4.32E-02	0.045575	0.001701	1.48E-05	0.002331	0.049622
3847	479863.09	3852877.25	2.26069	2.71425	2.82434	1.81377	5.16E-02	0.00289	4.3E-05	0.0058	0.06032	6.82E-02	0.003824	3.46E-05	0.0036	7.57E-02	0.079045	0.003865	2.56E-05	0.003972	0.086907
3848	480363.09	3852877.25	2.39292	3.29838	2.33686	2.85374	5.46E-02	0.00351	3.5E-05	0.00912	0.06728	7.22E-02	0.004647	2.86E-05	0.005664	8.26E-02	0.083668	0.004697	2.11E-05	0.006249	0.094636
3849	480863.09	3852877.25	2.89911	3.6015	2.85962	3.35429	6.62E-02	0.00384	4.3E-05	0.01072	0.08076	8.75E-02	0.005074	3.5E-05	0.006658	9.93E-02	0.101367	0.005129	2.59E-05	0.007345	0.113867
3850	481363.09	3852877.25	3.77312	4.48869	3.51932	3.5796	8.61E-02	0.00478	5.3E-05	0.01144	0.10238	1.14E-01	0.006324	4.31E-05	0.007105	1.27E-01	0.131927	0.006393	3.18E-05	0.007838	0.146189
3851	481863.09	3852877.25	3.36311	4.42397	3.31351	4.76923	7.67E-02	0.00471	5E-05	0.01525	0.09676	1.02E-01	0.006233	4.06E-05	0.009466	1.17E-01	0.117591	0.0063	3E-05	0.010443	0.134364
3852	482363.09	3852877.25	4.52458	6.95991	4.96042	5.13031	1.03E-01	0.00741	7.5E-05	0.0164	0.12715	1.37E-01	0.009806	6.07E-05	0.010183	1.57E-01	0.158202	0.009912	4.49E-05	0.011234	0.179392
3853	482863.09	3852877.25	4.68655	5.1754	5.54114	6.41826	1.07E-01	0.00551	8.4E-05	0.02052	0.13307	1.41E-01	0.007292	6.78E-05	0.01274	1.62E-01	0.163865	0.007371	5.01E-05	0.014054	0.185339
3854	483363.09	3852877.25	3.44047	3.61901	4.56616	2.69553	7.85E-02	0.00386	6.9E-05	0.00862	0.09106	1.04E-01	0.005099	5.59E-05	0.00535	1.14E-01	0.120296	0.005154	4.13E-05	0.005902	0.131393
3855	483863.09	3852877.25	2.41863	4.46657	2.93189	1.40638	5.52E-02	0.00476	4.4E-05	0.0045	0.06449	7.30E-02	0.006293	3.59E-05	0.002792	8.21E-02	0.084567	0.006361	2.65E-05	0.00308	0.094034
3856	484363.09	3852877.25	2.08757	3.61299	2.5126	1.09853	4.76E-02	0.00385	3.8E-05	0.00351	0.05504	6.30E-02	0.00509	3.08E-05	0.00218	7.03E-02	0.072992	0.005145	2.27E-05	0.002405	0.080565
3857	484863.09	3852877.25	2.20877	3.70109	2.62924	1.07723	5.04E-02	0.00394	4E-05	0.00344	0.05783	6.67E-02	0.005215	3.22E-05	0.002138	7.40E-02	0.07723	0.005271	2.38E-05	0.002359	0.084883
3858	485363.09	3852877.25	1.29706	2.32405	1.82658	0.69088	2.96E-02	0.00248	2.8E-05	0.00221	0.03431	3.91E-02	0.003274	2.24E-05	0.001371	4.38E-02	0.045352	0.00331	1.65E-05	0.001513	0.050191
3859	485863.09	3852877.25	0.84583	1.79625	1.03557	0.56412	1.93E-02	0.00191	1.6E-05	0.0018	0.02304	2.55E-02	0.002531	1.27E-05	0.00112	2.92E-02	0.029574	0.002558	9.37E-06	0.001235	0.033377
3860	486363.09	3852877.25	0.63838	1.31372	0.87426	0.47158	1.46E-02	0.0014	1.3E-05	0.00151	0.01749	1.93E-02	0.001851	1.07E-05	0.000936	2.21E-02	0.022321	0.001871	7.91E-06	0.001033	0.025232
3861	486863.09	3852877.25	0.51533	1.11806	0.65392	0.45294	1.18E-02	0.00119	9.9E-06	0.00145	0.01441	1.56E-02	0.001575	8E-06	0.000899	1.80E-02	0.018018	0.001592	5.92E-06	0.000992	0.020608
3862	487363.09	3852877.25	0.3435	0.90583	0.36628	0.42445	7.84E-03	0.00097	5.5E-06	0.00136	0.01017	1.04E-02	0.001276	4.48E-06	0.000842	1.25E-02	0.01201	0.00129	3.31E-06	0.000929	0.014233
3863	487863.09	3852877.25	0.34259	0.8103	0.33595	0.35206	7.82E-03	0.00086	5.1E-06	0.00113	0.00981	1.03E-02	0.001142	4.11E-06	0.000699	1.22E-02	0.011979	0.001154	3.04E-06	0.000771	0.013907
3864	488363.09	3852877.25	0.23594	0.49428	0.31348	0.34047	5.38E-03	0.00053	4.7E-06	0.00109	0.007	7.12E-03	0.000696	3.84E-06	0.000676	8.50E-03	0.00825	0.000704	2.84E-06	0.000746	0.009702
3865	488863.09	3852877.25	0.28605	0.82566	0.31084	0.32748	6.53E-03	0.00088	4.7E-06	0.00105	0.00846	8.63E-03	0.001163	3.8E-06	0.00065	1.05E-02	0.010002	0.001176	2.81E-06	0.000717	0.011897
3866	489363.09	3852877.25	0.3203	0.73841	0.31158	0.31422	7.31E-03	0.00079	4.7E-06	0.001	0.00911	9.67E-03	0.00104	3.81E-06	0.000624	1.13E-02	0.011199	0.001052	2.82E-06	0.000688	0.012942
3867	489863.09	3852877.25	0.32605	0.81953	0.36189	0.30217	7.44E-03	0.00087	5.5E-06	0.00097	0.00929	9.84E-03	0.001155	4.43E-06	0.0006	1.16E-02	0.0114	0.001167	3.27E-06	0.000662	0.013232
3868	490363.09	3852877.25	0.41935	0.79439	0.52093	0.29206	9.57E-03	0.00085	7.9E-06	0.00093	0.01136	1.27E-02	0.001119	6.38E-06	0.00058	1.44E-02	0.014663	0.001131	4.71E-06	0.00064	0.016438
3869	490863.09	3852877.25	0.43851	0.79036	0.59082	0.2837	1.00E-02	0.00084	8.9E-06	0.00091	0.01177	1.32E-02	0.001114	7.23E-06	0.000563	1.49E-02	0.015332	0.001126	5.34E-06	0.000621	0.017085
3870	491363.09	3852877.25	0.44329	0.85806	0.61634	0.34148	1.01E-02	0.00091	9.3E-06	0.00109	0.01213	1.34E-02	0.001209	7.54E-06	0.000678	1.53E-02	0.0155	0.001222	5.58E-06	0.000748	0.017475
3871	491863.09	3852877.25	0.41051	1.14034	0.56965	0.35628	9.37E-03	0.00121	8.6E-06	0.00114	0.01173	1.24E-02	0.001607	6.97E-06	0.000707	1.47E-02	0.014353	0.001624	5.15E-06	0.00078	0.016763
3872	492363.09	3852877.25	0.44712	1.14571	0.51977	0.35707	1.02E-02	0.00122	7.8E-06	0.00114	0.01257	1.35E-02	0.001614	6.36E-06	0.000709	1.58E-02	0.015634	0.001632	4.7E-06	0.000782	0.018052
3873	492863.09	3852877.25	0.51927	1.03581	0.56535	0.37198	1.19E-02	0.0011	8.5E-06	0.00119	0.01415	1.57E-02	0.001459	6.92E-06	0.000738	1.79E-02	0.018156	0.001475	5.11E-06	0.000815	0.020451
3874	493363.09	3852877.25	0.55892	0.83955	0.61906	0.38047	1.28E-02	0.00089	9.3E-06	0.00122	0.01488	1.69E-02	0.001183	7.58E-06	0.000755	1.88E-02	0.019543	0.001196	5.6E-06	0.000833	0.021577
3875	493863.09	3852877.25	0.53025	0.74336	0.62309	0.35224	1.21E-02	0.00079	9.4E-06	0.00113	0.01403	1.60E-02	0.001047	7.63E-06	0.000699	1.78E-02	0.01854	0.001059	5.64E-06	0.000771	0.020376
3876	494363.09	3852877.25	0.50357	0.85408	0.63221	0.31029	1.15E-02	0.00091	9.5E-06	0.00099	0.0134	1.52E-02	0.001203	7.74E-06	0.000616	1.70E-02	0.017607	0.001216	5.72E-06	0.000679	0.019509
3877	494863.09	3852877.25	0.49603	0.8648	0.65738	0.30319	1.13E-02	0.00092	9.9E-06	0.00097	0.01322	1.50E-02	0.001218	8.05E-06	0.000602	1.68E-02	0.017344	0.001232	5.95E-06	0.000664	0.019245
3878	495363.09	3852877.25	0.41922	0.72694	0.57769	0.29188	9.57E-03	0.00077	8.7E-06	0.00093	0.01128	1.27E-02	0.001024	7.07E-06	0.000579	1.43E-02	0.014658	0.001035	5.23E-06	0.000639	0.016338
3879	495863.09	3852877.25	0.35136	0.67291	0.49335	0.28458	8.02E-03	0.00072	7.4E-06	0.00091	0.00965	1.06E-02	0.000948	6.04E-06	0.000565	1.21E-02	0.012285	0.000958	4.46E-06	0.000623	0.013871
3880	496363.09	3852877.25	0.33271	0.67108	0.46337	0.28046	7.59E-03	0.00071	7E-06	0.0009	0.00921	1.00E-02	0.000946	5.67E-06	0.000557	1.15E-02	0.011633	0.000956	4.19E-06	0.000614	0.013207
3881	496863.09	3852877.25	0.31151	0.60358	0.4067	0.27304	7.11E-03	0.00064	6.1E-06	0.00087	0.00863	9.40E-03	0.00085	4.98E-06	0.000542	1.08E-02	0.010892	0.00086	3.68E-06	0.000598	0.012353
3882	497363.09	3852877.25	0.24896	0.43777	0.31411	0.25578	5.68E-03	0.00047	4.7E-06	0.00082	0.00697	7.51E-03	0.000617	3.84E-06	0.000508	8.64E-03	0.008705	0.000623	2.84E-06	0.00056	0.009891
3883	497863.09	3852877.25	0.17875	0.27953	0.22272	0.23472	4.08E-03	0.0003	3.4E-06	0.00075	0.00513	5.39E-03	0.000394	2.73E-06	0.000466	6.26E-03	0.00625	0.000398	2.01E-06	0.000514	0.007164
3884	498363.09	3852877.25	0.16066	0.26993	0.20844	0.23281	3.67E-03	0.00029	3.1E-06	0.00074	0.0047	4.85E-03	0.00038	2.55E-06	0.000462	5.69E-03	0.005617	0.000384	1.89E-06	0.00051	0.006514
3885	471363.09	3853377.25	0.44571	0.92255	0.5987	0.52283	1.02E-02	0.00098	9E-06	0.00167	0.01283	1.35E-02	0.0013	7.33E-06	0.001038	1.58E-02	0.015584	0.001314	5.42E-06	0.001145	0.018048
3886	471863.09	3853377.25	0.5298	0.95215	0.73113	0.55187	1.21E-02	0.00101	1.1E-05	0.00176	0.01488	1.60E-02	0.001342	8.95E-06	0.001095	1.84E-02	0.018524	0.001356	6.61E-06	0.001208	0.021095
3887	472363.09	3853377.25	0.58465	0.88209	0.81337	0.57168	1.33E-02	0.00094	1.2E-05	0.00183	0.01612	1.76E-02	0.001243	9.95E-06	0.001135	2.00E-02	0.020442	0.001256	7.36E-06	0.001252	0.022958
3888	472863.09	3853377.25	0.62376	0.74875	0.83888	0.58489	1.42E-02	0.0008	1.3E-05	0.00187	0.01691	1.88E-02	0.001055	1.03E-05	0.001161	2.11E-02	0.02181	0.001066	7.59E-06	0.001281	0.024164
3889	473363.09	3853377.25	0.63999	0.71144	0.83268	0.59473	1.46E-02	0.00076	1.3E-05	0.0019	0.01728	1.93E-02	0.001002	1.02E-05	0.00118	2.15E-02	0.022377	0.001013	7.53E-06	0.001302	0.0247
3890	473863.09	3853377.25	0.646	0.78508	0.83896	0.60258	1.47E-02	0.00084	1.3E-05	0.00193	0.01752	1.95E-02	0.001106	1.03E-05	0.001196	2.18E-02	0.022587	0.001118	7.59E-06	0.001319	0.025032
3891	474363.09	3853377.25	0.64709	0.99974	0.89024	0.60859	1.48E-02	0.00107	1.3E-05	0.00195	0.01779	1.95E-02	0.001409	1.09E-05	0.001208	2.22E-02	0.022625	0.001424	8.05E-06	0.001333	0.02539
3892	474863.09	3853377.25	0.64199	1.12858	0.85774	0.61022	1.47E-02	0.0012	1.3E-05	0.00195	0.01782	1.94E-02	0.00159	1.05E-05	0.001211	2.22E-02	0.022447	0.001607	7.76E-06	0.001336	0.025398
3893	475363.09	3853377.25	0.63457	1.17424	0.84265	0.60247	1.45E-02	0.00125	1.3E-05	0.00193	0.01767	1.92E-02	0.001654	1.03E-05	0.001196	2.20E-02	0.022188	0.001672	7.62E-06	0.001319	0.025187
3894	475863.09	3853377.25	0.64052	1.05867	0.79546	0.57783	1.46E-02	0.00113	1.2E-05	0.00185	0.0176	1.93E-02	0.001492	9.74E-06	0.001147	2.20E-02	0.022396	0.001508	7.2E-06	0.001265	0.025176
3895	476363.09	3853377.25	0.59934	1.09268	0.76606	0.51676	1.37E-02	0.00116	1.2E-05	0.00165	0.01651	1.81E-02	0.00154	9.38E-06	0.001026	2.07E-02	0.020956	0.001556	6.93E-06	0.001132	0.02365
3896	476863.09	3853377.25	0.50645	0.75678	0.61516	0.41796	1.16E-02	0.00081	9.3E-06	0.00134	0.01371	1.53E-02	0.001066	7.53E-06	0.00083	1.72E-02	0.017708	0.001078	5.57E-06	0.000915	0.019707
3897	477363.09	3853377.25	0.46419	0.83831	0.60567	0.42821	1.06E-02	0.00089	9.1E-06	0.00137	0.01286	1.40E-02	0.001181	7.41E-06	0.00085	1.60E-02	0.01623	0.001194	5.48E-06	0.000938	0.018367
3898	477863.09	3853377.25	0.47911	0.95341	0.669	0.44377	1.09E-02	0.00102	1E-05	0.00142	0.01338	1.45E-02	0.001343	8.19E-06	0.000881	1.67E-02	0.016752	0.001358	6.05E-06	0.000972	0.019088
3899	478363.09	3853377.25	0.4363	0.81893	0.51306	0.4176	9.96E-03	0.00087	7.7E-06	0.00134	0.01217	1.32E-02	0.001154	6.28E-06	0.000829	1.52E-02	0.015255	0.001166	4.64E-06	0.000914	0.017341
3900	478863.09	3853377.25	0.34454	0.48172	0.41318	0.44995	7.86E-03	0.00051	6.2E-06	0.00144	0.00982	1.04E-02	0.000679	5.06E-06	0.000893	1.20E-02	0.012047	0.000686	3.74E-06	0.000985	0.013722

3901	479363.09	3853377.25	0.69559	1.15272	0.72936	0.57509	1.59E-02	0.00123	1.1E-05	0.00184	0.01895	2.10E-02	0.001624	8.93E-06	0.001141	2.38E-02	0.024321	0.001642	6.6E-06	0.001259	0.027229
3902	479863.09	3853377.25	1.31999	1.82136	1.58551	1.10192	3.01E-02	0.00194	2.4E-05	0.00352	0.03561	3.98E-02	0.002566	1.94E-05	0.002187	4.46E-02	0.046153	0.002594	1.43E-05	0.002413	0.051174
3903	480363.09	3853377.25	2.63922	3.16116	2.81631	2.04282	6.02E-02	0.00337	4.2E-05	0.00653	0.07017	7.97E-02	0.004454	3.45E-05	0.004055	8.82E-02	0.09228	0.004502	2.55E-05	0.004473	0.101281
3904	480863.09	3853377.25	2.93578	3.48697	3.44965	2.11159	6.70E-02	0.00371	5.2E-05	0.00675	0.07751	8.86E-02	0.004913	4.22E-05	0.004191	9.78E-02	0.102649	0.004966	3.12E-05	0.004624	0.11227
3905	481363.09	3853377.25	3.14324	4.6275	3.17472	3.06608	7.17E-02	0.00493	4.8E-05	0.0098	0.08651	9.49E-02	0.00652	3.89E-05	0.006086	1.08E-01	0.109903	0.00659	2.87E-05	0.006714	0.123236
3906	481863.09	3853377.25	4.74544	5.53258	4.27286	4.26856	1.08E-01	0.00589	6.4E-05	0.01365	0.1279	1.43E-01	0.007795	5.23E-05	0.008473	1.60E-01	0.165924	0.007879	3.87E-05	0.009347	0.183189
3907	482363.09	3853377.25	4.8127	5.5334	4.12127	5.16147	1.10E-01	0.00589	6.2E-05	0.0165	0.13229	1.45E-01	0.007796	5.04E-05	0.010245	1.63E-01	0.168276	0.00788	3.73E-05	0.011302	0.187495
3908	482863.09	3853377.25	6.03295	8.77318	6.39182	6.21892	1.38E-01	0.00935	9.6E-05	0.01988	0.167	1.82E-01	0.012361	7.82E-05	0.012344	2.07E-01	0.210942	0.012494	5.78E-05	0.013617	0.237111
3909	483363.09	3853377.25	5.43151	6.94438	6.17626	6.26159	1.24E-01	0.0074	9.3E-05	0.02002	0.15146	1.64E-01	0.009784	7.56E-05	0.012429	1.86E-01	0.189912	0.00989	5.59E-05	0.013711	0.213569
3910	483863.09	3853377.25	3.95251	5.86468	5.36938	2.91175	9.02E-02	0.00625	8.1E-05	0.00931	0.10584	1.19E-01	0.008263	6.57E-05	0.00578	1.33E-01	0.138199	0.008352	4.86E-05	0.006376	0.152976
3911	484363.09	3853377.25	2.83267	5.41408	3.40036	2.34594	6.46E-02	0.00577	5.1E-05	0.0075	0.07796	8.55E-02	0.007628	4.16E-05	0.004656	9.78E-02	0.099044	0.00771	3.08E-05	0.005137	0.111922
3912	484863.09	3853377.25	2.34018	4.30381	2.64503	1.08276	5.34E-02	0.00459	4E-05	0.00346	0.06149	7.06E-02	0.006064	3.24E-05	0.002149	7.89E-02	0.081824	0.006129	2.39E-05	0.002371	0.090348
3913	485363.09	3853377.25	0.94184	1.67674	1.32934	0.70539	2.15E-02	0.00179	2E-05	0.00226	0.02556	2.84E-02	0.002362	1.63E-05	0.0014	3.22E-02	0.032931	0.002388	1.2E-05	0.001545	0.036876
3914	485863.09	3853377.25	0.57951	0.99125	0.77062	0.54974	1.32E-02	0.00106	1.2E-05	0.00176	0.01605	1.75E-02	0.001397	9.43E-06	0.001091	2.00E-02	0.020263	0.001412	6.97E-06	0.001204	0.022885
3915	486363.09	3853377.25	0.56413	0.987	0.78594	0.48469	1.29E-02	0.00105	1.2E-05	0.00155	0.01549	1.70E-02	0.001391	9.62E-06	0.000962	1.94E-02	0.019725	0.001406	7.11E-06	0.001061	0.022199
3916	486863.09	3853377.25	0.48455	1.21356	0.605	0.46102	1.11E-02	0.00129	9.1E-06	0.00147	0.01383	1.46E-02	0.00171	7.4E-06	0.000915	1.73E-02	0.016942	0.001728	5.47E-06	0.001009	0.019686
3917	487363.09	3853377.25	0.49827	1.26708	0.49748	0.44976	1.14E-02	0.00135	7.5E-06	0.00144	0.01417	1.50E-02	0.001785	6.09E-06	0.000893	1.77E-02	0.017422	0.001805	4.5E-06	0.000985	0.020216
3918	487863.09	3853377.25	0.5602	1.1826	0.49192	0.36329	1.28E-02	0.00126	7.4E-06	0.00116	0.01521	1.69E-02	0.001666	6.02E-06	0.000721	1.93E-02	0.019587	0.001684	4.45E-06	0.000795	0.022071
3919	488363.09	3853377.25	0.66947	1.93641	0.59898	0.33506	1.53E-02	0.00206	9E-06	0.00107	0.01842	2.02E-02	0.002728	7.33E-06	0.000665	2.36E-02	0.023408	0.002758	5.42E-06	0.000734	0.026905
3920	488863.09	3853377.25	0.63816	1.61923	0.73983	0.32142	1.46E-02	0.00173	1.1E-05	0.00103	0.01733	1.93E-02	0.002281	9.05E-06	0.000638	2.22E-02	0.022313	0.002306	6.69E-06	0.000704	0.02533
3921	489363.09	3853377.25	0.57724	1.13653	0.78061	0.30785	1.32E-02	0.00121	1.2E-05	0.00098	0.01538	1.74E-02	0.001601	9.55E-06	0.000611	1.96E-02	0.020183	0.001619	7.06E-06	0.000674	0.022483
3922	489863.09	3853377.25	0.50988	1.28113	0.71563	0.3695	1.16E-02	0.00136	1.1E-05	0.00118	0.01419	1.54E-02	0.001805	8.76E-06	0.000733	1.79E-02	0.017828	0.001825	6.47E-06	0.000809	0.020468
3923	490363.09	3853377.25	0.57421	1.64666	0.72561	0.416	1.31E-02	0.00175	1.1E-05	0.00133	0.0162	1.73E-02	0.00232	8.88E-06	0.000826	2.05E-02	0.020077	0.002345	6.56E-06	0.000911	0.02334
3924	490863.09	3853377.25	0.61024	1.4389	0.71801	0.42125	1.39E-02	0.00153	1.1E-05	0.00135	0.01682	1.84E-02	0.002027	8.79E-06	0.000836	2.13E-02	0.021337	0.002049	6.5E-06	0.000922	0.024315
3925	491363.09	3853377.25	0.63063	1.09116	0.70744	0.41774	1.44E-02	0.00116	1.1E-05	0.00134	0.0169	1.90E-02	0.001537	8.66E-06	0.000829	2.14E-02	0.02205	0.001554	6.4E-06	0.000915	0.024525
3926	491863.09	3853377.25	0.63073	0.9739	0.76739	0.417	1.44E-02	0.00104	1.2E-05	0.00133	0.01678	1.90E-02	0.001372	9.39E-06	0.000828	2.12E-02	0.022053	0.001387	6.94E-06	0.000913	0.02436
3927	492363.09	3853377.25	0.66197	1.27852	0.86475	0.42858	1.51E-02	0.00136	1.3E-05	0.00137	0.01785	2.00E-02	0.001801	1.06E-05	0.000851	2.26E-02	0.023146	0.001821	7.82E-06	0.000938	0.025913
3928	492863.09	3853377.25	0.6843	1.40141	0.93957	0.43853	1.56E-02	0.00149	1.4E-05	0.0014	0.01853	2.07E-02	0.001974	1.15E-05	0.00087	2.35E-02	0.023927	0.001996	8.5E-06	0.00096	0.026891
3929	493363.09	3853377.25	0.65406	1.23904	0.91219	0.41039	1.49E-02	0.00132	1.4E-05	0.00131	0.01757	1.97E-02	0.001746	1.12E-05	0.000815	2.23E-02	0.022869	0.001765	8.25E-06	0.000899	0.025541
3930	493863.09	3853377.25	0.61496	1.25393	0.86483	0.36455	1.40E-02	0.00134	1.3E-05	0.00117	0.01655	1.86E-02	0.001767	1.06E-05	0.000724	2.11E-02	0.021502	0.001786	7.82E-06	0.000798	0.024094
3931	494363.09	3853377.25	0.54176	1.19038	0.76441	0.34164	1.24E-02	0.00127	1.2E-05	0.00109	0.01474	1.64E-02	0.001677	9.36E-06	0.000678	1.87E-02	0.018943	0.001695	6.92E-06	0.000748	0.021393
3932	494863.09	3853377.25	0.46242	0.99736	0.65333	0.31281	1.06E-02	0.00106	9.8E-06	0.001	0.01263	1.40E-02	0.001405	8E-06	0.000621	1.60E-02	0.016168	0.00142	5.91E-06	0.000685	0.01828
3933	495363.09	3853377.25	0.42887	0.82989	0.60461	0.30542	9.79E-03	0.00088	9.1E-06	0.00098	0.01166	1.29E-02	0.001169	7.4E-06	0.000606	1.47E-02	0.014995	0.001182	5.47E-06	0.000669	0.016852
3934	495863.09	3853377.25	0.41894	0.76752	0.53516	0.2915	9.56E-03	0.00082	8.1E-06	0.00093	0.01132	1.26E-02	0.001081	6.55E-06	0.000579	1.43E-02	0.014648	0.001093	4.84E-06	0.000638	0.016384
3935	496363.09	3853377.25	0.39227	0.61398	0.45664	0.27229	8.95E-03	0.00065	6.9E-06	0.00087	0.01048	1.18E-02	0.000865	5.59E-06	0.00054	1.33E-02	0.013716	0.000874	4.13E-06	0.000596	0.01519
3936	496863.09	3853377.25	0.33833	0.53738	0.38014	0.25352	7.72E-03	0.00057	5.7E-06	0.00081	0.00911	1.02E-02	0.000757	4.65E-06	0.000503	1.15E-02	0.01183	0.000765	3.44E-06	0.000555	0.013154
3937	497363.09	3853377.25	0.26364	0.42378	0.31582	0.2337	6.02E-03	0.00045	4.8E-06	0.00075	0.00722	7.96E-03	0.000597	3.87E-06	0.000464	9.02E-03	0.009218	0.000604	2.86E-06	0.000512	0.010336
3938	497863.09	3853377.25	0.15246	0.23729	0.20295	0.2309	3.48E-03	0.00025	3.1E-06	0.00074	0.00447	4.60E-03	0.000334	2.48E-06	0.000458	5.40E-03	0.005331	0.000338	1.84E-06	0.000506	0.006176
3939	498363.09	3853377.25	0.13597	0.16126	0.18693	0.22826	3.10E-03	0.00017	2.8E-06	0.00073	0.00401	4.10E-03	0.000227	2.29E-06	0.000453	4.79E-03	0.004754	0.00023	1.69E-06	0.0005	0.005485
3940	471363.09	3853877.25	0.4329	0.86268	0.5953	0.49386	9.88E-03	0.00092	9E-06	0.00158	0.01239	1.31E-02	0.001215	7.29E-06	0.00098	1.53E-02	0.015136	0.001229	5.39E-06	0.001081	0.017452
3941	471863.09	3853877.25	0.48721	0.85502	0.66169	0.5086	1.11E-02	0.00091	1E-05	0.00163	0.01367	1.47E-02	0.001205	8.1E-06	0.00101	1.69E-02	0.017035	0.001218	5.99E-06	0.001114	0.019373
3942	472363.09	3853877.25	0.51869	0.77804	0.72271	0.5206	1.18E-02	0.00083	1.1E-05	0.00166	0.01434	1.57E-02	0.001096	8.85E-06	0.001033	1.78E-02	0.018136	0.001108	6.54E-06	0.00114	0.02039
3943	472863.09	3853877.25	0.5669	0.92268	0.78729	0.52947	1.29E-02	0.00098	1.2E-05	0.00169	0.01562	1.71E-02	0.0013	9.64E-06	0.001051	1.95E-02	0.019822	0.001314	7.12E-06	0.001159	0.022302
3944	473363.09	3853877.25	0.59844	1.0757	0.82941	0.53533	1.37E-02	0.00115	1.2E-05	0.00171	0.01653	1.81E-02	0.001516	1.02E-05	0.001063	2.06E-02	0.020924	0.001532	7.5E-06	0.001172	0.023636
3945	473863.09	3853877.25	0.63114	1.14497	0.86374	0.55806	1.44E-02	0.00122	1.3E-05	0.00178	0.01742	1.90E-02	0.001613	1.06E-05	0.001108	2.18E-02	0.022068	0.001631	7.81E-06	0.001222	0.024928
3946	474363.09	3853877.25	0.67295	1.15531	0.89079	0.57493	1.54E-02	0.00123	1.3E-05	0.00184	0.01844	2.03E-02	0.001628	1.09E-05	0.001141	2.31E-02	0.02353	0.001645	8.06E-06	0.001259	0.026442
3947	474863.09	3853877.25	0.69264	1.08598	0.90777	0.58657	1.58E-02	0.00116	1.4E-05	0.00188	0.01885	2.09E-02	0.00153	1.11E-05	0.001164	2.36E-02	0.024218	0.001547	8.21E-06	0.001284	0.027057
3948	475363.09	3853877.25	0.6556	0.89959	0.90543	0.59567	1.50E-02	0.00096	1.4E-05	0.0019	0.01784	1.98E-02	0.001267	1.11E-05	0.001182	2.22E-02	0.022923	0.001281	8.19E-06	0.001304	0.025517
3949	475863.09	3853877.25	0.48084	0.76014	0.67845	0.60369	1.10E-02	0.00081	1E-05	0.00193	0.01372	1.45E-02	0.001071	8.3E-06	0.001198	1.68E-02	0.016813	0.001083	6.14E-06	0.001322	0.019223
3950	476363.09	3853877.25	0.43774	0.56106	0.62514	0.61109	9.99E-03	0.0006	9.4E-06	0.00195	0.01255	1.32E-02	0.00079	7.65E-06	0.001213	1.52E-02	0.015306	0.000799	5.66E-06	0.001338	0.017448
3951	476863.09	3853877.25	0.44646	0.44598	0.63048	0.61618	1.02E-02	0.00048	9.5E-06	0.00197	0.01264	1.35E-02	0.000628	7.72E-06	0.001223	1.53E-02	0.01561	0.000635	5.7E-06	0.001349	0.017601
3952	477363.09	3853877.25	0.45321	0.52616	0.63531	0.61494	1.03E-02	0.00056	9.6E-06	0.00197	0.01288	1.37E-02	0.000741	7.78E-06	0.001221	1.56E-02	0.015846	0.000749	5.75E-06	0.001347	0.017948
3953	477863.09	3853877.25	0.45843	0.6073	0.6382	0.59685	1.05E-02	0.00065	9.6E-06	0.00191	0.01303	1.38E-02	0.000856	7.81E-06	0.001185	1.59E-02	0.016029	0.000865	5.77E-06	0.001307	0.018207
3954	478363.09	3853877.25	0.46331	0.67295	0.63414	0.54353	1.06E-02	0.00072	9.6E-06	0.00174	0.01304	1.40E-02	0.000948	7.76E-06	0.001079	1.60E-02	0.0162	0.000958	5.74E-06	0.00119	0.018354
3955	478863.09	3853877.25	0.46931	0.7025	0.60852	0.43623	1.07E-02	0.00075	9.2E-06	0.00139	0.01286	1.42E-02	0.00099	7.45E-06	0.000866	1.60E-02	0.016409	0.001	5.51E-06	0.000955	0.018371
3956	479363.09	3853877.25	0.48178	0.97738	0.53972	0.42991	1.10E-02	0.00104	8.1E-06	0.00137	0.01342	1.45E-02	0.001377	6.61E-06	0.000853	1.68E-02	0.016845	0.001392	4.88E-06	0.000941	0.019184
3957	479863.09	3853877.25	0.85408	1.23388	1.02967	0.55254	1.95E-02	0.00131	1.6E-05	0.00177	0.02259	2.58E-02	0.001738	1.26E-05	0.001097	2.86E-02	0.029863	0.001757	9.32E-06	0.00121	0.032839
3958	480363.09	3853877.25	1.59903	2.38829	2.2752	1.07527	3.65E-02	0.00254	3.4E-05	0.00344	0.04251	4.83E-02	0.003365	2.78E-05	0.002134	5.38E-02	0.05591	0.003401	2.06E-05	0.002354	0.061686
3959	480863.09	3853877.25	2.87292	4.7749	3.74128	2.17604	6.56E-02	0.00509	5.6E-05	0.00696	0.07766	8.67E-02	0.006728	4.58E-05	0.004319	9.78E-02	0.100451	0.0068	3.38E-05	0.004765	0.11205
3960	481363.09	3853877.25	3.46144	5.08437	3.66885	3.10952	7.90E-02	0.00542	5.5E-05	0.00994	0.09441	1.04E-01	0.007164	4.49E-05	0.006172	1.18E-01	0.121029	0.007241	3.32E-05	0.006809	0.135112
3961	481863.09	3853877.25	3.87211	5.79537	4.08651	4.44307	8.84E-02	0.00617	6.2E-05	0.0142	0.1088	1.17E-01	0.008165	5E-05	0.008819	1.34E-01	0.135388	0.008253	3.7E-05	0.009729	0.153407

3962	482363.09	3853877.25	5.43125	6.5933	4.48865	5.09971	1.24E-01	0.00702	6.8E-05	0.0163	0.14734	1.64E-01	0.00929	5.49E-05	0.010122	1.83E-01	0.189903	0.00939	4.06E-05	0.011167	0.2105
3963	482863.09	3853877.25	10.7963	8.66532	6.57181	6.02862	2.46E-01	0.00923	9.9E-05	0.01927	0.27498	3.26E-01	0.012209	8.04E-05	0.011966	3.50E-01	0.377492	0.012341	5.95E-05	0.013201	0.403093
3964	483363.09	3853877.25	8.80328	12.60125	9.42817	6.26375	2.01E-01	0.01342	0.00014	0.02003	0.23449	2.66E-01	0.017754	0.000115	0.012433	2.96E-01	0.307806	0.017946	8.53E-05	0.013716	0.339553
3965	483863.09	3853877.25	6.61946	7.57043	7.11663	6.34812	1.51E-01	0.00807	0.00011	0.0203	0.17953	2.00E-01	0.010666	8.71E-05	0.0126	2.23E-01	0.231449	0.010781	6.44E-05	0.0139	0.256195
3966	484363.09	3853877.25	4.11311	7.99222	5.23471	2.38922	9.39E-02	0.00851	7.9E-05	0.00764	0.1101	1.24E-01	0.011261	6.41E-05	0.004742	1.40E-01	0.143815	0.011382	4.74E-05	0.005232	0.160476
3967	484863.09	3853877.25	1.96091	3.31715	2.61927	1.10824	4.47E-02	0.00353	3.9E-05	0.00354	0.05187	5.92E-02	0.004674	3.21E-05	0.0022	6.61E-02	0.068563	0.004724	2.37E-05	0.002427	0.075738
3968	485363.09	3853877.25	0.76445	2.29413	0.95784	0.71599	1.74E-02	0.00244	1.4E-05	0.00229	0.02219	2.31E-02	0.003232	1.17E-05	0.001421	2.77E-02	0.026729	0.003267	8.67E-06	0.001568	0.031573
3969	485863.09	3853877.25	0.74554	1.4756	1.0398	0.67553	1.70E-02	0.00157	1.6E-05	0.00216	0.02076	2.25E-02	0.002079	1.27E-05	0.001341	2.59E-02	0.026068	0.002101	9.41E-06	0.001479	0.029658
3970	486363.09	3853877.25	0.7405	1.76715	0.93239	0.57399	1.69E-02	0.00188	1.4E-05	0.00184	0.02063	2.23E-02	0.00249	1.14E-05	0.001139	2.60E-02	0.025892	0.002517	8.44E-06	0.001257	0.029674
3971	486863.09	3853877.25	0.78755	2.07325	0.681	0.50693	1.80E-02	0.00221	1E-05	0.00162	0.02181	2.38E-02	0.002921	8.33E-06	0.001006	2.77E-02	0.027537	0.002953	6.16E-06	0.00111	0.031605
3972	487363.09	3853877.25	0.82845	2.6278	0.84459	0.49044	1.89E-02	0.0028	1.3E-05	0.00157	0.02329	2.50E-02	0.003702	1.03E-05	0.000973	2.97E-02	0.028967	0.003742	7.64E-06	0.001074	0.033791
3973	487863.09	3853877.25	0.89951	2.09184	1.14264	0.42939	2.05E-02	0.00223	1.7E-05	0.00137	0.02415	2.71E-02	0.002947	1.4E-05	0.000852	3.10E-02	0.031451	0.002979	1.03E-05	0.00094	0.035381
3974	488363.09	3853877.25	1.04884	3.18877	1.12271	0.47387	2.39E-02	0.0034	1.7E-05	0.00151	0.02886	3.17E-02	0.004493	1.37E-05	0.000941	3.71E-02	0.036673	0.004541	1.02E-05	0.001038	0.042262
3975	488863.09	3853877.25	1.14366	3.30562	1.13422	0.57429	2.61E-02	0.00352	1.7E-05	0.00184	0.03147	3.45E-02	0.004657	1.39E-05	0.00114	4.03E-02	0.039988	0.004708	1.03E-05	0.001258	0.045963
3976	489363.09	3853877.25	0.97305	2.03504	1.10926	0.55012	2.22E-02	0.00217	1.7E-05	0.00176	0.02615	2.94E-02	0.002867	1.36E-05	0.001092	3.33E-02	0.034023	0.002898	1E-05	0.001205	0.038135
3977	489863.09	3853877.25	0.93332	2.1372	1.19593	0.54782	2.13E-02	0.00228	1.8E-05	0.00175	0.02535	2.82E-02	0.003011	1.46E-05	0.001087	3.23E-02	0.032633	0.003044	1.08E-05	0.0012	0.036888
3978	490363.09	3853877.25	0.83603	2.0575	1.14072	0.51911	1.91E-02	0.00219	1.7E-05	0.00166	0.02295	2.52E-02	0.002899	1.4E-05	0.00103	2.92E-02	0.029232	0.00293	1.03E-05	0.001137	0.033309
3979	490863.09	3853877.25	0.79329	1.70339	1.10802	0.50585	1.81E-02	0.00181	1.7E-05	0.00162	0.02155	2.39E-02	0.0024	1.36E-05	0.001004	2.74E-02	0.027737	0.002426	1E-05	0.001108	0.031281
3980	491363.09	3853877.25	0.76813	1.6291	1.08011	0.49783	1.75E-02	0.00174	1.6E-05	0.00159	0.02087	2.32E-02	0.002295	1.32E-05	0.000988	2.65E-02	0.026858	0.00232	9.77E-06	0.00109	0.030278
3981	491863.09	3853877.25	0.78213	1.65002	1.04774	0.48946	1.78E-02	0.00176	1.6E-05	0.00156	0.02119	2.36E-02	0.002325	1.28E-05	0.000972	2.69E-02	0.027347	0.00235	9.48E-06	0.001072	0.030778
3982	492363.09	3853877.25	0.88823	1.87267	1.09567	0.50506	2.03E-02	0.002	1.7E-05	0.00161	0.0239	2.68E-02	0.002638	1.34E-05	0.001002	3.05E-02	0.031057	0.002667	9.91E-06	0.001106	0.03484
3983	492863.09	3853877.25	0.93899	1.9466	1.09394	0.51065	2.14E-02	0.00207	1.6E-05	0.00163	0.02515	2.83E-02	0.002743	1.34E-05	0.001014	3.21E-02	0.032832	0.002772	9.9E-06	0.001118	0.036732
3984	493363.09	3853877.25	0.9035	1.79574	1.04093	0.48832	2.06E-02	0.00191	1.6E-05	0.00156	0.02411	2.73E-02	0.00253	1.27E-05	0.000969	3.08E-02	0.031591	0.002557	9.42E-06	0.001069	0.035227
3985	493863.09	3853877.25	0.82612	1.59814	0.9502	0.46996	1.89E-02	0.0017	1.4E-05	0.0015	0.02207	2.49E-02	0.002252	1.16E-05	0.000933	2.81E-02	0.028885	0.002276	8.6E-06	0.001029	0.032199
3986	494363.09	3853877.25	0.75502	1.18552	0.89288	0.44078	1.72E-02	0.00126	1.3E-05	0.00141	0.01992	2.28E-02	0.00167	1.09E-05	0.000875	2.53E-02	0.026399	0.001688	8.08E-06	0.000965	0.029061
3987	494863.09	3853877.25	0.63123	1.1609	0.80589	0.41617	1.44E-02	0.00124	1.2E-05	0.00133	0.01698	1.91E-02	0.001636	9.86E-06	0.000826	2.15E-02	0.022071	0.001653	7.29E-06	0.000911	0.024643
3988	495363.09	3853877.25	0.50863	0.78051	0.63958	0.35511	1.16E-02	0.00083	9.6E-06	0.00114	0.01358	1.54E-02	0.0011	7.83E-06	0.000705	1.72E-02	0.017784	0.001112	5.79E-06	0.000778	0.019679
3989	495863.09	3853877.25	0.4264	0.78919	0.55092	0.31035	9.73E-03	0.00084	8.3E-06	0.00099	0.01157	1.29E-02	0.001112	6.74E-06	0.000616	1.46E-02	0.014909	0.001124	4.98E-06	0.00068	0.016718
3990	496363.09	3853877.25	0.37025	0.64444	0.4803	0.28343	8.45E-03	0.00069	7.2E-06	0.00091	0.01005	1.12E-02	0.000908	5.88E-06	0.000563	1.27E-02	0.012946	0.000918	4.35E-06	0.000621	0.014489
3991	496863.09	3853877.25	0.30287	0.44617	0.36093	0.24775	6.91E-03	0.00048	5.4E-06	0.00079	0.00818	9.14E-03	0.000629	4.42E-06	0.000492	1.03E-02	0.01059	0.000635	3.27E-06	0.000542	0.011771
3992	497363.09	3853877.25	0.2476	0.39577	0.29705	0.22604	5.65E-03	0.00042	4.5E-06	0.00072	0.0068	7.47E-03	0.000558	3.64E-06	0.000449	8.48E-03	0.008657	0.000564	2.69E-06	0.000495	0.009719
3993	497863.09	3853877.25	0.18486	0.40723	0.23486	0.22306	4.22E-03	0.00043	3.5E-06	0.00071	0.00537	5.58E-03	0.000574	2.87E-06	0.000443	6.60E-03	0.006464	0.00058	2.12E-06	0.000488	0.007534
3994	498363.09	3853877.25	0.18349	0.41719	0.20646	0.21996	4.19E-03	0.00044	3.1E-06	0.0007	0.00534	5.54E-03	0.000588	2.53E-06	0.000437	6.56E-03	0.006416	0.000594	1.87E-06	0.000482	0.007493
3995	471363.09	3854377.25	0.52072	0.75458	0.48856	0.38944	1.19E-02	0.0008	7.4E-06	0.00125	0.01394	1.57E-02	0.001063	5.98E-06	0.000773	1.76E-02	0.018207	0.001075	4.42E-06	0.000853	0.020139
3996	471863.09	3854377.25	0.56524	0.95583	0.53637	0.41826	1.29E-02	0.00102	8.1E-06	0.00134	0.01526	1.71E-02	0.001347	6.56E-06	0.00083	1.92E-02	0.019764	0.001361	4.85E-06	0.000916	0.022046
3997	472363.09	3854377.25	0.58432	1.12909	0.56589	0.44505	1.33E-02	0.0012	8.5E-06	0.00142	0.01597	1.76E-02	0.001591	6.93E-06	0.000883	2.01E-02	0.020431	0.001608	5.12E-06	0.000975	0.023018
3998	472863.09	3854377.25	0.61053	1.2566	0.61144	0.46897	1.39E-02	0.00134	9.2E-06	0.0015	0.01678	1.84E-02	0.00177	7.48E-06	0.000931	2.11E-02	0.021347	0.00179	5.53E-06	0.001027	0.024169
3999	473363.09	3854377.25	0.65623	1.37195	0.69489	0.4904	1.50E-02	0.00146	1E-05	0.00157	0.01802	1.98E-02	0.001933	8.5E-06	0.000973	2.27E-02	0.022945	0.001954	6.29E-06	0.001074	0.025979
4000	473863.09	3854377.25	0.71537	1.44641	0.78122	0.50853	1.63E-02	0.00154	1.2E-05	0.00163	0.0195	2.16E-02	0.002038	9.56E-06	0.001009	2.46E-02	0.025013	0.00206	7.07E-06	0.001114	0.028193
4001	474363.09	3854377.25	0.77204	1.4424	0.85406	0.52419	1.76E-02	0.00154	1.3E-05	0.00168	0.02084	2.33E-02	0.002032	1.05E-05	0.00104	2.64E-02	0.026994	0.002054	7.73E-06	0.001148	0.030204
4002	474863.09	3854377.25	0.72337	1.18372	0.8267	0.53712	1.65E-02	0.00126	1.2E-05	0.00172	0.0195	2.18E-02	0.001668	1.01E-05	0.001066	2.46E-02	0.025293	0.001686	7.48E-06	0.001176	0.028162
4003	475363.09	3854377.25	0.54454	0.74069	0.67246	0.54787	1.24E-02	0.00079	1E-05	0.00175	0.01498	1.64E-02	0.001044	8.23E-06	0.001087	1.86E-02	0.01904	0.001055	6.08E-06	0.0012	0.0213
4004	475863.09	3854377.25	0.33627	0.65981	0.46244	0.56334	7.67E-03	0.0007	7E-06	0.0018	0.01018	1.01E-02	0.00093	5.66E-06	0.001118	1.22E-02	0.011758	0.00094	4.18E-06	0.001234	0.013935
4005	476363.09	3854377.25	0.35007	0.54456	0.48713	0.5775	7.99E-03	0.00058	7.3E-06	0.00185	0.01042	1.06E-02	0.000767	5.96E-06	0.001146	1.25E-02	0.01224	0.000776	4.41E-06	0.001265	0.014285
4006	476863.09	3854377.25	0.38043	0.39872	0.55879	0.58755	8.68E-03	0.00042	8.4E-06	0.00188	0.01099	1.15E-02	0.000562	6.84E-06	0.001166	1.32E-02	0.013302	0.000568	5.06E-06	0.001287	0.015161
4007	477363.09	3854377.25	0.40996	0.40136	0.60389	0.59597	9.36E-03	0.00043	9.1E-06	0.00191	0.0117	1.24E-02	0.000565	7.39E-06	0.001183	1.41E-02	0.014334	0.000572	5.46E-06	0.001305	0.016216
4008	477863.09	3854377.25	0.43315	0.36026	0.62685	0.60398	9.88E-03	0.00038	9.4E-06	0.00193	0.01221	1.31E-02	0.000508	7.67E-06	0.001199	1.48E-02	0.015145	0.000513	5.67E-06	0.001323	0.016986
4009	478363.09	3854377.25	0.44883	0.46326	0.63767	0.61191	1.02E-02	0.00049	9.6E-06	0.00196	0.0127	1.35E-02	0.000653	7.8E-06	0.001215	1.54E-02	0.015693	0.00066	5.77E-06	0.00134	0.017699
4010	478863.09	3854377.25	0.45779	0.54366	0.64354	0.61937	1.04E-02	0.00058	9.7E-06	0.00198	0.01302	1.38E-02	0.000766	7.88E-06	0.001229	1.58E-02	0.016007	0.000774	5.82E-06	0.001356	0.018143
4011	479363.09	3854377.25	0.49807	0.84639	0.6641	0.62411	1.14E-02	0.0009	1E-05	0.002	0.01427	1.50E-02	0.001193	8.13E-06	0.001239	1.75E-02	0.017415	0.001205	6.01E-06	0.001367	0.019993
4012	479863.09	3854377.25	0.73711	1.13172	0.90661	0.61765	1.68E-02	0.00121	1.4E-05	0.00197	0.02002	2.22E-02	0.001595	1.11E-05	0.001226	2.51E-02	0.025773	0.001612	8.2E-06	0.001352	0.028745
4013	480363.09	3854377.25	1.05396	1.81614	1.25077	0.67349	2.41E-02	0.00193	1.9E-05	0.00215	0.02816	3.18E-02	0.002559	1.53E-05	0.001337	3.57E-02	0.036852	0.002586	1.13E-05	0.001475	0.040924
4014	480863.09	3854377.25	1.91438	3.93811	2.28629	1.19824	4.37E-02	0.0042	3.4E-05	0.00383	0.05175	5.78E-02	0.005549	2.8E-05	0.002378	6.57E-02	0.066936	0.005608	2.07E-05	0.002624	0.075189
4015	481363.09	3854377.25	2.86563	7.27951	3.63653	2.14379	6.54E-02	0.00776	5.5E-05	0.00685	0.08006	8.65E-02	0.010256	4.45E-05	0.004255	1.01E-01	0.100197	0.010367	3.29E-05	0.004694	0.115291
4016	481863.09	3854377.25	3.27071	6.08468	4.04177	4.19971	7.46E-02	0.00648	6.1E-05	0.01343	0.09461	9.87E-02	0.008573	4.95E-05	0.008336	1.16E-01	0.11436	0.008665	3.66E-05	0.009196	0.132258
4017	482363.09	3854377.25	4.32546	7.21717	4.55445	5.35202	9.87E-02	0.00769	6.9E-05	0.01711	0.12358	1.31E-01	0.010169	5.57E-05	0.010623	1.51E-01	0.151239	0.010278	4.12E-05	0.011719	0.173278
4018	482863.09	3854377.25	7.64987	11.9901	5.9693	6.10188	1.75E-01	0.01277	9E-05	0.01951	0.20695	2.31E-01	0.016893	7.31E-05	0.012112	2.60E-01	0.267477	0.017076	5.4E-05	0.013361	0.297968
4019	483363.09	3854377.25	10.73787	17.5811	10.22095	6.9901	2.45E-01	0.01873	0.00015	0.02235	0.28628	3.24E-01	0.024771	0.000125	0.013875	3.63E-01	0.375449	0.025038	9.25E-05	0.015306	0.415886
4020	483863.09	3854377.25	12.66827	18.03401	15.20752	4.46589	2.89E-01	0.01921	0.00023	0.01428	0.32282	3.82E-01	0.025409	0.000186	0.008864	4.17E-01	0.442945	0.025683	0.000138	0.009779	0.478545
4021	484363.09	3854377.25	5.95895	6.55266	6.24677	2.499	1.36E-01	0.00698	9.4E-05	0.00799	0.15105	1.80E-01	0.009232	7.65E-05	0.00496	1.94E-01	0.208354	0.009332	5.65E-05	0.005472	0.223215
4022	484863.09	3854377.25	1.82993	2.60451	2.20917	1.32442	4.18E-02	0.00277	3.3E-05	0.00423	0.0488	5.52E-02	0.00367	2.7E-05	0.002629	6.16E-02	0.063983	0.003709	2E-05	0.0029	0.070613

4023	485363.09	3854377.25	2.34357	4.21715	2.22077	1.01345		5.35E-02	0.00449	3.3E-05	0.00324	0.06125		7.07E-02	0.005942	2.72E-05	0.002012	7.87E-02		0.081943	0.006006	2.01E-05	0.002219	0.090188							
4024	485863.09	3854377.25	1.33252	4.20834	1.15773	0.69494		3.04E-02	0.00448	1.7E-05	0.00222	0.03713		4.02E-02	0.005929	1.42E-05	0.001379	4.75E-02		0.046591	0.005993	1.05E-05	0.001522	0.054117							
4025	486363.09	3854377.25	1.56869	4.34305	1.61416	0.67661		3.58E-02	0.00463	2.4E-05	0.00216	0.04261		4.73E-02	0.006119	1.98E-05	0.001343	5.48E-02		0.054849	0.006185	1.46E-05	0.001482	0.06253							
4026	486863.09	3854377.25	1.29793	4.3392	1.35651	0.59861		2.96E-02	0.00462	2E-05	0.00191	0.03618		3.92E-02	0.006114	1.66E-05	0.001188	4.65E-02		0.045382	0.00618	1.23E-05	0.001311	0.052885							
4027	487363.09	3854377.25	1.27094	3.11704	1.58714	0.66236		2.90E-02	0.00332	2.4E-05	0.00212	0.03447		3.84E-02	0.004392	1.94E-05	0.001315	4.41E-02		0.044438	0.004439	1.44E-05	0.00145	0.050342							
4028	487863.09	3854377.25	1.51623	3.46904	1.82504	0.72262		3.46E-02	0.0037	2.8E-05	0.00231	0.04064		4.58E-02	0.004888	2.23E-05	0.001434	5.21E-02		0.053015	0.00494	1.65E-05	0.001582	0.059554							
4029	488363.09	3854377.25	1.62475	4.34469	1.82461	0.72417		3.71E-02	0.00463	2.7E-05	0.00232	0.04405		4.90E-02	0.006121	2.23E-05	0.001437	5.66E-02		0.056809	0.006187	1.65E-05	0.001586	0.064599							
4030	488863.09	3854377.25	1.67288	3.91889	1.7803	0.71584		3.82E-02	0.00417	2.7E-05	0.00229	0.04467		5.05E-02	0.005521	2.18E-05	0.001421	5.75E-02		0.058492	0.005581	1.61E-05	0.001567	0.065657							
4031	489363.09	3854377.25	1.65226	3.39524	1.6935	0.70398		3.77E-02	0.00362	2.6E-05	0.00225	0.0436		4.99E-02	0.004784	2.07E-05	0.001397	5.61E-02		0.057771	0.004835	1.53E-05	0.001541	0.064163							
4032	489863.09	3854377.25	1.58319	3.44684	1.57617	0.70463		3.61E-02	0.00367	2.4E-05	0.00225	0.04208		4.78E-02	0.004856	1.93E-05	0.001399	5.41E-02		0.055356	0.004909	1.43E-05	0.001543	0.061822							
4033	490363.09	3854377.25	1.48256	2.5324	1.44599	0.69103		3.38E-02	0.0027	2.2E-05	0.00221	0.03876		4.47E-02	0.003568	1.77E-05	0.001372	4.97E-02		0.051838	0.003607	1.31E-05	0.001513	0.05697							
4034	490863.09	3854377.25	0.9256	1.66566	1.00808	0.57467		2.11E-02	0.00177	1.5E-05	0.00184	0.02475		2.79E-02	0.002347	1.23E-05	0.001141	3.14E-02		0.032364	0.002372	9.12E-06	0.001258	0.036003							
4035	491363.09	3854377.25	1.24616	1.74549	1.26067	0.62077		2.84E-02	0.00186	1.9E-05	0.00198	0.0323		3.76E-02	0.002459	1.54E-05	0.001232	4.13E-02		0.043572	0.002486	1.14E-05	0.001359	0.047428							
4036	491863.09	3854377.25	1.47148	1.97198	1.54226	0.61091		3.36E-02	0.0021	2.3E-05	0.00195	0.03766		4.44E-02	0.002778	1.89E-05	0.001213	4.84E-02		0.05145	0.002808	1.4E-05	0.001338	0.05561							
4037	492363.09	3854377.25	1.52738	2.20633	1.63501	0.6346		3.49E-02	0.00235	2.5E-05	0.00203	0.03926		4.61E-02	0.003109	2E-05	0.00126	5.05E-02		0.053405	0.003142	1.48E-05	0.00139	0.057951							
4038	492863.09	3854377.25	1.45274	2.74038	1.58458	0.61526		3.32E-02	0.00292	2.4E-05	0.00197	0.03806		4.38E-02	0.003861	1.94E-05	0.001221	4.89E-02		0.050795	0.003903	1.43E-05	0.001347	0.056059							
4039	493363.09	3854377.25	1.28971	3.08062	1.41872	0.57731		2.94E-02	0.00328	2.1E-05	0.00185	0.03458		3.89E-02	0.00434	1.74E-05	0.001146	4.44E-02		0.045095	0.004387	1.28E-05	0.001264	0.050759							
4040	493863.09	3854377.25	1.11689	2.61935	1.18937	0.55087		2.55E-02	0.00279	1.8E-05	0.00176	0.03006		3.37E-02	0.00369	1.46E-05	0.001093	3.85E-02		0.039052	0.00373	1.08E-05	0.001206	0.043999							
4041	494363.09	3854377.25	0.96285	1.75838	1.03471	0.52689		2.20E-02	0.00187	1.6E-05	0.00168	0.02555		2.91E-02	0.002477	1.27E-05	0.001046	3.26E-02		0.033666	0.002504	9.36E-06	0.001154	0.037333							
4042	494863.09	3854377.25	0.58942	1.13084	0.72833	0.4187		1.35E-02	0.0012	1.1E-05	0.00134	0.01601		1.78E-02	0.001593	8.91E-06	0.000831	2.02E-02		0.020609	0.00161	6.59E-06	0.000917	0.023143							
4043	495363.09	3854377.25	0.40073	0.76096	0.53181	0.32766		9.14E-03	0.00081	8E-06	0.00105	0.01101		1.21E-02	0.001072	6.51E-06	0.00065	1.38E-02		0.014012	0.001084	4.81E-06	0.000717	0.015817							
4044	495863.09	3854377.25	0.35517	0.71304	0.43063	0.27788		8.11E-03	0.00076	6.5E-06	0.00089	0.00976		1.07E-02	0.001005	5.27E-06	0.000552	1.23E-02		0.012418	0.001015	3.9E-06	0.000608	0.014046							
4045	496363.09	3854377.25	0.34065	0.68686	0.38419	0.26087		7.77E-03	0.00073	5.8E-06	0.00083	0.00935		1.03E-02	0.000968	4.7E-06	0.000518	1.18E-02		0.011911	0.000978	3.48E-06	0.000571	0.013464							
4046	496863.09	3854377.25	0.32122	0.65218	0.3218	0.23228		7.33E-03	0.00069	4.8E-06	0.00074	0.00877		9.69E-03	0.000919	3.94E-06	0.000461	1.11E-02		0.011231	0.000929	2.91E-06	0.000509	0.012672							
4047	497363.09	3854377.25	0.29431	0.60284	0.27101	0.21666		6.72E-03	0.00064	4.1E-06	0.00069	0.00806		8.88E-03	0.000849	3.32E-06	0.00043	1.02E-02		0.010291	0.000859	2.45E-06	0.000474	0.011626							
4048	497863.09	3854377.25	0.301	0.59623	0.28354	0.21252		6.87E-03	0.00064	4.3E-06	0.00068	0.00819		9.08E-03	0.00084	3.47E-06	0.000422	1.03E-02		0.010524	0.000849	2.57E-06	0.000465	0.011841							
4049	498363.09	3854377.25	0.28926	0.56309	0.28307	0.20695		6.60E-03	0.0006	4.3E-06	0.00066	0.00787		8.73E-03	0.000793	3.46E-06	0.000411	9.94E-03		0.010114	0.000802	2.56E-06	0.000453	0.011372							
4050	471363.09	3854877.25	0.66163	0.99766	0.85875	0.2891		1.51E-02	0.00106	1.3E-05	0.00092	0.0171		2.00E-02	0.001406	1.05E-05	0.000574	2.20E-02		0.023134	0.001421	7.77E-06	0.000633	0.025195							
4051	471863.09	3854877.25	0.70958	1.07451	0.91331	0.30882		1.62E-02	0.00114	1.4E-05	0.00099	0.01834		2.14E-02	0.001514	1.12E-05	0.000613	2.36E-02		0.02481	0.00153	8.26E-06	0.000676	0.027025							
4052	472363.09	3854877.25	0.74387	1.13637	0.94914	0.32594		1.70E-02	0.00121	1.4E-05	0.00104	0.01924		2.25E-02	0.001601	1.16E-05	0.000647	2.47E-02		0.026009	0.001618	8.59E-06	0.000714	0.02835							
4053	472863.09	3854877.25	0.74146	1.15165	0.93988	0.34112		1.69E-02	0.00123	1.4E-05	0.00109	0.01925		2.24E-02	0.001623	1.15E-05	0.000677	2.47E-02		0.025925	0.00164	8.5E-06	0.000747	0.028321							
4054	473363.09	3854877.25	0.80289	1.2591	1.00406	0.39116		1.83E-02	0.00134	1.5E-05	0.00125	0.02093		2.42E-02	0.001774	1.23E-05	0.000776	2.68E-02		0.028073	0.001793	9.08E-06	0.000857	0.030732							
4055	473863.09	3854877.25	0.85323	1.35579	1.05365	0.42924		1.95E-02	0.00144	1.6E-05	0.00137	0.0223		2.58E-02	0.00191	1.29E-05	0.000852	2.85E-02		0.029833	0.001931	9.53E-06	0.00094	0.032713							
4056	474363.09	3854877.25	0.92577	1.48711	1.12718	0.47916		2.11E-02	0.00158	1.7E-05	0.00153	0.02426		2.79E-02	0.002095	1.38E-05	0.000951	3.10E-02		0.032369	0.002118	1.02E-05	0.001049	0.035547							
4057	474863.09	3854877.25	0.68619	1.15811	0.84559	0.45908		1.57E-02	0.00123	1.3E-05	0.00147	0.01837		2.07E-02	0.001632	1.03E-05	0.000911	2.33E-02		0.023993	0.001649	7.65E-06	0.001005	0.026655							
4058	475363.09	3854877.25	0.37374	0.66684	0.46395	0.48399		8.53E-03	0.00071	7E-06	0.00155	0.01079		1.13E-02	0.00094	5.68E-06	0.000961	1.32E-02		0.013068	0.00095	4.2E-06	0.00106	0.015081							
4059	475863.09	3854877.25	0.2719	0.41507	0.33195	0.50541		6.20E-03	0.00044	5E-06	0.00162	0.00827		8.21E-03	0.000585	4.06E-06	0.001003	9.80E-03		0.009507	0.000591	3E-06	0.001107	0.011208							
4060	476363.09	3854877.25	0.29079	0.57074	0.37205	0.52321		6.64E-03	0.00061	5.6E-06	0.00167	0.00892		8.78E-03	0.000804	4.55E-06	0.001039	1.06E-02		0.010167	0.000813	3.37E-06	0.001146	0.012129							
4061	476863.09	3854877.25	0.3097	0.71127	0.41037	0.53876		7.07E-03	0.00076	6.2E-06	0.00172	0.00955		9.35E-03	0.001002	5.02E-06	0.001069	1.14E-02		0.010829	0.001013	3.71E-06	0.00118	0.013025							
4062	477363.09	3854877.25	0.32832	0.77919	0.44531	0.55203		7.49E-03	0.00083	6.7E-06	0.00176	0.01009		9.91E-03	0.001098	5.45E-06	0.001096	1.21E-02		0.01148	0.00111	4.03E-06	0.001209	0.013802							
4063	477863.09	3854877.25	0.34624	0.73149	0.47558	0.56774		7.90E-03	0.00078	7.2E-06	0.00182	0.0105		1.04E-02	0.001031	5.82E-06	0.001127	1.26E-02		0.012106	0.001042	4.3E-06	0.001243	0.014395							
4064	478363.09	3854877.25	0.36324	0.57025	0.51402	0.57913		8.29E-03	0.00061	7.7E-06	0.00185	0.01076		1.10E-02	0.000803	6.29E-06	0.00115	1.29E-02		0.012701	0.000812	4.65E-06	0.001268	0.014786							
4065	478863.09	3854877.25	0.40625	0.743	0.59045	0.58803		9.27E-03	0.00079	8.9E-06	0.00188	0.01195		1.23E-02	0.001047	7.23E-06	0.001167	1.45E-02		0.014205	0.001058	5.34E-06	0.001288	0.016556							
4066	479363.09	3854877.25	0.78076	1.47354	0.88677	0.5963		1.78E-02	0.00157	1.3E-05	0.00191	0.02131		2.36E-02	0.002076	1.09E-05	0.001184	2.68E-02		0.027299	0.002099	8.02E-06	0.001306	0.030711							
4067	479863.09	3854877.25	1.43656	3.08021	1.56057	0.63293		3.28E-02	0.00328	2.4E-05	0.00202	0.03811		4.34E-02	0.00434	1.91E-05	0.001256	4.90E-02		0.050229	0.004387	1.41E-05	0.001386	0.056016							
4068	480363.09	3854877.25	2.07414	4.47339	2.20069	1.14078		4.73E-02	0.00477	3.3E-05	0.00365	0.05578		6.26E-02	0.006303	2.69E-05	0.002264	7.12E-02		0.072522	0.006371	1.99E-05	0.002498	0.081411							
4069	480863.09	3854877.25	3.00456	6.5057	3.12497	1.14278		6.86E-02	0.00693	4.7E-05	0.00365	0.0792		9.07E-02	0.009166	3.82E-05	0.002268	1.02E-01		0.105054	0.009265	2.83E-05	0.002502	0.11685							
4070	481363.09	3854877.25	3.56029	7.98745	3.47014	1.73976		8.12E-02	0.00851	5.2E-05	0.00556	0.09537		1.07E-01	0.011254	4.25E-05	0.003453	1.22E-01		0.124485	0.011375	3.14E-05	0.003809	0.139702							
4071	481863.09	3854877.25	4.11828	9.43824	3.78191	1.72784		9.40E-02	0.01005	5.7E-05	0.00552	0.10962		1.24E-01	0.013298	4.63E-05	0.00343	1.41E-01		0.143995	0.013441	3.42E-05	0.003783	0.161254							
4072	482363.09	3854877.25	4.60274	10.88373	3.95992	4.3095		1.05E-01	0.01159	6E-05	0.01378	0.13047		1.39E-01	0.015334	4.85E-05	0.008554	1.63E-01		0.160935	0.0155	3.58E-05	0.009436	0.185907							
4073	482863.09	3854877.25	6.06355	15.58247	5.35435	6.39257		1.38E-01	0.0166	8.1E-05	0.02044	0.17549		1.83E-01	0.021955	6.55E-05	0.012689	2.18E-01		0.212012	0.022192	4.84E-05	0.013998	0.248249							
4074	483363.09	3854877.25	9.39264	25.28729	7.0324	8.85698		2.14E-01	0.02694	0.00011	0.02832	0.26971		2.83E-01	0.035628	8.61E-05	0.01758	3.37E-01		0.328413	0.036013	6.36E-05	0.019394	0.383883							
4075	483863.09	3854877.25	21.72053	75.26126	14.59015	5.77134		4.96E-01	0.08018	0.00022	0.01845	0.59453		6.56E-01	0.106038	0.000179	0.011456	7.73E-01		0.759457	0.107183	0.000132	0.012637	0.879409							
4076	484363.09	3854877.25	23.89936	51.06823	27.70629	5.09401		5.45E-01	0.05441	0.00042	0.01629	0.61651		7.21E-01	0.071952	0.000339	0.010111	8.04E-01		0.83564	0.072729	0.000251	0.011154	0.919773							
4077	484863.09	3854877.25	17.35009	34.81302	11.41182	3.64434		3.96E-01	0.03709	0.00017	0.01165	0.44485		5.24E-01	0.049049	0.00014	0.007234	5.80E-01		0.606645	0.049579	0.000103	0.00798	0.664307							
4078	485363.09	3854877.25	9.76499	19.7504	6.5052	1.87413		2.23E-01	0.02104	9.8E-05	0.00599	0.24998		2.95E-01	0.027827	7.96E-05	0.00372	3.26E-01		0.341432	0.028127	5.89E-05	0.004104	0.373722							
4079	485863.09	3854877.25	6.28397	11.02678	4.51365	1.10149		1.43E-01	0.01175	6.8E-05	0.00352	0.15874		1.90E-01	0.015536	5.52E-05	0.002186	2.07E-01		0.219719	0.015704	4.08E-05	0.002412	0.237875							
4080	486363.09	3854877.25	4.37342	6.87046	3.28319	1.05346		9.98E-02	0.00732	4.9E-05	0.00337	0.11054		1.32E-01	0.00968	4.02E-05	0.002091	1.44E-01		0.152916	0.009785	2.97E-05	0.002307	0.165037							
4081	486863.09	3854877.25	3.46784	5.54494	2.72442	0.98069		7.91E-02	0.00591	4.1E-05	0.00314	0.08822		1.05E-01	0.007812	3.33E-05	0.001947	1.14E-01		0.121253	0.007897	2.46E-05	0.002147	0.131322							
4082	487363.09	3854877.25	3.58075	4.98151	3.0066	0.98311		8.17E-02	0.00531	4.5E-05	0.00314	0.09021		1.08E-01	0.007019	3.68E-05	0.001951	1.17E-01		0.125201	0.007094	2.72E-05	0.002153	0.134475							
4083	487863.09	3854877.25	3.56075	4.96834	3.17214	0.9798		8.13E-02	0.00529	4.8E-05	0.00313	0.08973		1.07E-01	0.007	3.88E-05	0.001945	1.16E-01		0.124501	0.007076	2.87E-05	0.002145	0.133751							

4084	488363.09	3854877.25	3.5018	4.76859	3.26735	0.97577	7.99E-02	0.00508	4.9E-05	0.00312	0.08816	1.06E-01	0.006719	4E-05	0.001937	1.14E-01	0.12244	0.006791	2.96E-05	0.002137	0.131398
4085	488863.09	3854877.25	3.46728	4.7962	3.37669	0.9833	7.91E-02	0.00511	5.1E-05	0.00314	0.08743	1.05E-01	0.006758	4.13E-05	0.001952	1.13E-01	0.121233	0.00683	3.05E-05	0.002153	0.130247
4086	489363.09	3854877.25	3.27634	4.00153	3.27791	0.95226	7.48E-02	0.00426	4.9E-05	0.00304	0.08213	9.89E-02	0.005638	4.01E-05	0.00189	1.06E-01	0.114557	0.005699	2.97E-05	0.002085	0.122371
4087	489863.09	3854877.25	2.90431	3.64644	2.93649	0.86378	6.63E-02	0.00388	4.4E-05	0.00276	0.07297	8.77E-02	0.005138	3.59E-05	0.001715	9.45E-02	0.101549	0.005193	2.66E-05	0.001891	0.10866
4088	490363.09	3854877.25	1.58805	2.52512	1.58728	0.64122	3.62E-02	0.00269	2.4E-05	0.00205	0.041	4.79E-02	0.003558	1.94E-05	0.001273	5.28E-02	0.055526	0.003596	1.44E-05	0.001404	0.060541
4089	490863.09	3854877.25	0.70809	1.29512	0.81352	0.46483	1.62E-02	0.00138	1.2E-05	0.00149	0.01904	2.14E-02	0.001825	9.96E-06	0.000923	2.41E-02	0.024758	0.001844	7.36E-06	0.001018	0.027628
4090	491363.09	3854877.25	0.84147	1.30346	0.93865	0.50341	1.92E-02	0.00139	1.4E-05	0.00161	0.02222	2.54E-02	0.001836	1.15E-05	0.000999	2.82E-02	0.029422	0.001856	8.49E-06	0.001102	0.032389
4091	491863.09	3854877.25	2.31172	2.90994	2.4902	0.8549	5.28E-02	0.0031	3.8E-05	0.00273	0.05863	6.98E-02	0.0041	3.05E-05	0.001697	7.56E-02	0.080829	0.004144	2.25E-05	0.001872	0.086868
4092	492363.09	3854877.25	2.24125	3.37551	2.41556	0.89999	5.11E-02	0.0036	3.6E-05	0.00288	0.05766	6.76E-02	0.004756	2.96E-05	0.001786	7.42E-02	0.078365	0.004807	2.19E-05	0.001971	0.085165
4093	492863.09	3854877.25	2.01203	3.03802	2.08952	0.85027	4.59E-02	0.00324	3.1E-05	0.00272	0.0519	6.07E-02	0.00428	2.56E-05	0.001688	6.67E-02	0.070351	0.004327	1.89E-05	0.001862	0.076558
4094	493363.09	3854877.25	1.74331	2.89471	1.7281	0.76232	3.98E-02	0.00308	2.6E-05	0.00244	0.04533	5.26E-02	0.004078	2.12E-05	0.001513	5.82E-02	0.060955	0.004122	1.56E-05	0.001669	0.066762
4095	493863.09	3854877.25	1.54747	2.40136	1.47541	0.68902	3.53E-02	0.00256	2.2E-05	0.0022	0.0401	4.67E-02	0.003383	1.81E-05	0.001368	5.15E-02	0.054107	0.00342	1.33E-05	0.001509	0.059049
4096	494363.09	3854877.25	0.78076	1.24719	0.90501	0.49424	1.78E-02	0.00133	1.4E-05	0.00158	0.02074	2.36E-02	0.001757	1.11E-05	0.000981	2.63E-02	0.027299	0.001776	8.19E-06	0.001082	0.030166
4097	494863.09	3854877.25	0.52304	0.69307	0.60157	0.40469	1.19E-02	0.00074	9.1E-06	0.00129	0.01398	1.58E-02	0.000976	7.36E-06	0.000803	1.76E-02	0.018288	0.000987	5.44E-06	0.000886	0.020167
4098	495363.09	3854877.25	0.44602	0.58095	0.52441	0.39463	1.02E-02	0.00062	7.9E-06	0.00126	0.01207	1.35E-02	0.000819	6.42E-06	0.000783	1.51E-02	0.015595	0.000827	4.74E-06	0.000864	0.017291
4099	495863.09	3854877.25	0.411	0.51699	0.49132	0.39712	9.38E-03	0.00055	7.4E-06	0.00127	0.01121	1.24E-02	0.000728	6.01E-06	0.000788	1.39E-02	0.014371	0.000736	4.44E-06	0.00087	0.015981
4100	496363.09	3854877.25	0.3711	0.44833	0.45254	0.39775	8.47E-03	0.00048	6.8E-06	0.00127	0.01022	1.12E-02	0.000632	5.54E-06	0.000789	1.26E-02	0.012975	0.000638	4.09E-06	0.000871	0.014489
4101	496863.09	3854877.25	0.35146	0.40378	0.43571	0.40319	8.02E-03	0.00043	6.6E-06	0.00129	0.00975	1.06E-02	0.000569	5.33E-06	0.0008	1.20E-02	0.012289	0.000575	3.94E-06	0.000883	0.013751
4102	497363.09	3854877.25	0.34643	0.38178	0.43283	0.411	7.91E-03	0.00041	6.5E-06	0.00131	0.00963	1.05E-02	0.000538	5.3E-06	0.000816	1.18E-02	0.012113	0.000544	3.92E-06	0.0009	0.01356
4103	497863.09	3854877.25	0.36008	0.38567	0.44747	0.42258	8.22E-03	0.00041	6.7E-06	0.00135	0.00999	1.09E-02	0.000543	5.48E-06	0.000839	1.23E-02	0.01259	0.000549	4.05E-06	0.000925	0.014069
4104	498363.09	3854877.25	0.3559	0.36715	0.44605	0.42964	8.12E-03	0.00039	6.7E-06	0.00137	0.00989	1.07E-02	0.000517	5.46E-06	0.000853	1.21E-02	0.012444	0.000523	4.04E-06	0.000941	0.013912
4105	471363.09	3855377.25	0.5766	0.82163	0.75194	0.44339	1.32E-02	0.00088	1.1E-05	0.00142	0.01546	1.74E-02	0.001158	9.2E-06	0.00088	1.94E-02	0.020161	0.00117	6.8E-06	0.000971	0.022309
4106	471863.09	3855377.25	0.59753	0.83354	0.79772	0.44113	1.36E-02	0.00089	1.2E-05	0.00141	0.01595	1.80E-02	0.001174	9.76E-06	0.000876	2.01E-02	0.020893	0.001187	7.22E-06	0.000966	0.023053
4107	472363.09	3855377.25	0.6505	0.8753	0.88585	0.47469	1.48E-02	0.00093	1.3E-05	0.00152	0.01731	1.96E-02	0.001233	1.08E-05	0.000942	2.18E-02	0.022745	0.001247	8.01E-06	0.001039	0.025039
4108	472863.09	3855377.25	0.66832	0.87821	0.92975	0.46268	1.53E-02	0.00094	1.4E-05	0.00148	0.01768	2.02E-02	0.001237	1.14E-05	0.000918	2.23E-02	0.023368	0.001251	8.41E-06	0.001013	0.02564
4109	473363.09	3855377.25	0.74258	0.93335	1.04539	0.51666	1.69E-02	0.00099	1.6E-05	0.00165	0.01961	2.24E-02	0.001315	1.28E-05	0.001026	2.48E-02	0.025964	0.001329	9.46E-06	0.001131	0.028434
4110	473863.09	3855377.25	0.79929	1.0204	1.13595	0.5472	1.82E-02	0.00109	1.7E-05	0.00175	0.02109	2.41E-02	0.001438	1.39E-05	0.001086	2.67E-02	0.027947	0.001453	1.03E-05	0.001198	0.030609
4111	474363.09	3855377.25	0.84435	1.11208	1.21206	0.55477	1.93E-02	0.00118	1.8E-05	0.00177	0.02225	2.55E-02	0.001567	1.48E-05	0.001101	2.82E-02	0.029523	0.001584	1.1E-05	0.001215	0.032332
4112	474863.09	3855377.25	0.64586	0.95661	0.95662	0.32014	1.47E-02	0.00102	1.4E-05	0.00102	0.0168	1.95E-02	0.001348	1.17E-05	0.000635	2.15E-02	0.022582	0.001362	8.65E-06	0.000701	0.024654
4113	475363.09	3855377.25	0.25583	0.36806	0.30745	0.33917	5.84E-03	0.00039	4.6E-06	0.00108	0.00732	7.72E-03	0.000519	3.76E-06	0.000673	8.92E-03	0.008945	0.000524	2.78E-06	0.000743	0.010215
4114	475863.09	3855377.25	0.20841	0.41233	0.25049	0.37763	4.76E-03	0.00044	3.8E-06	0.00121	0.00641	6.29E-03	0.000581	3.07E-06	0.00075	7.62E-03	0.007287	0.000587	2.27E-06	0.000827	0.008703
4115	476363.09	3855377.25	0.23712	0.45261	0.28541	0.41452	5.41E-03	0.00048	4.3E-06	0.00133	0.00722	7.16E-03	0.000638	3.49E-06	0.000823	8.62E-03	0.008291	0.000645	2.58E-06	0.000908	0.009846
4116	476863.09	3855377.25	0.23404	0.48449	0.28229	0.4481	5.34E-03	0.00052	4.3E-06	0.00143	0.00729	7.06E-03	0.000683	3.45E-06	0.000889	8.64E-03	0.008183	0.00069	2.55E-06	0.000981	0.009857
4117	477363.09	3855377.25	0.25311	0.50321	0.30717	0.47765	5.78E-03	0.00054	4.6E-06	0.00153	0.00784	7.64E-03	0.000709	3.76E-06	0.000948	9.30E-03	0.00885	0.000717	2.78E-06	0.001046	0.010615
4118	477863.09	3855377.25	0.30012	0.50397	0.36702	0.50307	6.85E-03	0.00054	5.5E-06	0.00161	0.009	9.06E-03	0.00071	4.49E-06	0.000999	1.08E-02	0.010494	0.000718	3.32E-06	0.001102	0.012316
4119	478363.09	3855377.25	0.35535	0.60001	0.44049	0.52402	8.11E-03	0.00064	6.6E-06	0.00168	0.01043	1.07E-02	0.000845	5.39E-06	0.00104	1.26E-02	0.012425	0.000855	3.98E-06	0.001147	0.014431
4120	478863.09	3855377.25	0.48618	0.79569	0.51743	0.54149	1.11E-02	0.00085	7.8E-06	0.00173	0.01368	1.47E-02	0.001121	6.33E-06	0.001075	1.69E-02	0.016999	0.001133	4.68E-06	0.001186	0.019323
4121	479363.09	3855377.25	0.76508	1.11062	0.75661	0.55673	1.75E-02	0.00118	1.1E-05	0.00178	0.02043	2.31E-02	0.001565	9.26E-06	0.001105	2.58E-02	0.026751	0.001582	6.84E-06	0.001219	0.029559
4122	479863.09	3855377.25	1.15651	1.65084	1.27173	0.57071	2.64E-02	0.00176	1.9E-05	0.00182	0.02999	3.49E-02	0.002326	1.56E-05	0.001133	3.84E-02	0.040437	0.002351	1.15E-05	0.00125	0.04405
4123	480363.09	3855377.25	2.17659	2.70117	2.45895	1.10173	4.97E-02	0.00288	3.7E-05	0.00352	0.05611	6.57E-02	0.003806	3.01E-05	0.002187	7.17E-02	0.076104	0.003847	2.22E-05	0.002412	0.082386
4124	480863.09	3855377.25	3.11311	3.91977	3.65324	1.42121	7.10E-02	0.00418	5.5E-05	0.00454	0.07982	9.40E-02	0.005523	4.47E-05	0.002821	1.02E-01	0.10885	0.005582	3.3E-05	0.003112	0.117577
4125	481363.09	3855377.25	3.52511	4.36985	4.10941	2.85859	8.04E-02	0.00466	6.2E-05	0.00914	0.0943	1.06E-01	0.006157	5.03E-05	0.005674	1.18E-01	0.123255	0.006223	3.72E-05	0.006259	0.135775
4126	481863.09	3855377.25	3.90663	5.8289	4.67263	4.10497	8.92E-02	0.00621	7E-05	0.01312	0.10856	1.18E-01	0.008213	5.72E-05	0.008148	1.34E-01	0.136595	0.008301	4.23E-05	0.008989	0.153927
4127	482363.09	3855377.25	4.23144	7.06178	5.12729	5.07345	9.66E-02	0.00752	7.7E-05	0.01622	0.12039	1.28E-01	0.00995	6.28E-05	0.01007	1.48E-01	0.147952	0.010057	4.64E-05	0.011109	0.169165
4128	482863.09	3855377.25	4.8598	8.91964	6.06125	6.09229	1.11E-01	0.0095	9.1E-05	0.01948	0.13998	1.47E-01	0.012567	7.42E-05	0.012093	1.71E-01	0.169923	0.012703	5.48E-05	0.01334	0.19602
4129	483363.09	3855377.25	5.89313	14.91744	7.20614	7.78015	1.34E-01	0.01589	0.00011	0.02487	0.17536	1.78E-01	0.021018	8.82E-05	0.015443	2.14E-01	0.206053	0.021245	6.52E-05	0.017036	0.244399
4130	483863.09	3855377.25	8.74633	28.58439	10.23501	10.68526	2.00E-01	0.03045	0.00015	0.03416	0.26437	2.64E-01	0.040274	0.000125	0.021209	3.26E-01	0.305815	0.040708	9.26E-05	0.023397	0.370013
4131	484363.09	3855377.25	17.61107	43.86389	23.62971	9.56602	4.02E-01	0.04673	0.00036	0.03058	0.47957	5.32E-01	0.061801	0.000289	0.018988	6.13E-01	0.61577	0.062469	0.000214	0.020946	0.699399
4132	484863.09	3855377.25	23.48478	45.2651	56.85113	12.49094	5.36E-01	0.04822	0.00086	0.03993	0.62496	7.09E-01	0.063776	0.000696	0.024793	7.98E-01	0.821144	0.064464	0.000514	0.027351	0.913473
4133	485363.09	3855377.25	18.37617	20.73501	26.26246	6.71441	4.19E-01	0.02209	0.0004	0.02147	0.46331	5.55E-01	0.029214	0.000321	0.013327	5.97E-01	0.642522	0.02953	0.000238	0.014702	0.686991
4134	485863.09	3855377.25	10.58761	18.28359	15.00685	2.94949	2.42E-01	0.01948	0.00023	0.00943	0.27075	3.20E-01	0.02576	0.000184	0.005854	3.51E-01	0.370195	0.026039	0.000136	0.006458	0.402828
4135	486363.09	3855377.25	6.6048	12.10154	9.33204	2.21736	1.51E-01	0.01289	0.00014	0.00709	0.17085	1.99E-01	0.01705	0.000114	0.004401	2.21E-01	0.230936	0.017234	8.44E-05	0.004855	0.253111
4136	486863.09	3855377.25	4.58852	9.53491	6.46879	1.91297	1.05E-01	0.01016	9.7E-05	0.00612	0.12108	1.38E-01	0.013434	7.92E-05	0.003797	1.56E-01	0.160437	0.013579	5.85E-05	0.004189	0.178264
4137	487363.09	3855377.25	4.85338	8.86517	6.8298	1.90386	1.11E-01	0.00944	0.0001	0.00609	0.12639	1.46E-01	0.01249	8.36E-05	0.003779	1.63E-01	0.169698	0.012625	6.18E-05	0.004169	0.186554
4138	487863.09	3855377.25	4.87483	7.29248	6.81219	1.91851	1.11E-01	0.00777	0.0001	0.00613	0.12525	1.47E-01	0.010275	8.34E-05	0.003808	1.61E-01	0.170448	0.010386	6.16E-05	0.004201	0.185096
4139	488363.09	3855377.25	4.82275	6.20192	6.64296	1.95788	1.10E-01	0.00661	0.0001	0.00626	0.12303	1.46E-01	0.008738	8.13E-05	0.003886	1.58E-01	0.168627	0.008832	6.01E-05	0.004287	0.181807
4140	488863.09	3855377.25	4.66631	4.92883	6.34847	1.99884	1.06E-01	0.00525	9.6E-05	0.00639	0.11823	1.41E-01	0.006944	7.77E-05	0.003967	1.52E-01	0.163157	0.007019	5.74E-05	0.004377	0.174611
4141	489363.09	3855377.25	4.3892	4.71243	5.9092	1.98717	1.00E-01	0.00502	8.9E-05	0.00635	0.11163	1.32E-01	0.00664	7.23E-05	0.003944	1.43E-01	0.153468	0.006711	5.35E-05	0.004351	0.164584
4142	489863.09	3855377.25	4.01295	4.42974	5.37618	1.8873	9.16E-02	0.00472	8.1E-05	0.00603	0.10241	1.21E-01	0.006241	6.58E-05	0.003746	1.31E-01	0.140313	0.006309	4.86E-05	0.004133	0.150802
4143	490363.09	3855377.25	3.8484	4.32686	5.10014	1.9213	8.78E-02	0.00461	7.7E-05	0.00614	0.09865	1.16E-01	0.006096	6.24E-05	0.003814	1.26E-01	0.134559	0.006162	4.61E-05	0.004207	0.144974
4144	490863.09	3855377.25	1.48647	2.25974	2.04185	0.82682	3.39E-02	0.00241	3.1E-05	0.00264	0.039	4.49E-02	0.003184	2.5E-05	0.001641	4.97E-02	0.051974	0.003218	1.85E-05	0.00181	0.057021

4145	491363.09	3855377.25	1.01734	1.66384	1.24309	0.7602		2.32E-02	0.00177	1.9E-05	0.00243	0.02744		3.07E-02	0.002344	1.52E-05	0.001509	3.46E-02		0.035571	0.00237	1.12E-05	0.001665	0.039617							
4146	491863.09	3855377.25	2.81378	4.03949	3.53641	1.70169		6.42E-02	0.0043	5.3E-05	0.00544	0.07401		8.49E-02	0.005691	4.33E-05	0.003378	9.40E-02		0.098384	0.005753	3.2E-05	0.003726	0.107895							
4147	492363.09	3855377.25	2.7014	4.04835	3.23318	1.7275		6.16E-02	0.00431	4.9E-05	0.00552	0.07153		8.15E-02	0.005704	3.96E-05	0.003429	9.07E-02		0.094454	0.005765	2.92E-05	0.003783	0.104032							
4148	492863.09	3855377.25	2.46677	3.37078	2.90974	1.23338		5.63E-02	0.00359	4.4E-05	0.00394	0.06387		7.44E-02	0.004749	3.56E-05	0.002448	8.17E-02		0.08625	0.0048	2.63E-05	0.002701	0.093778							
4149	493363.09	3855377.25	1.98961	2.68664	2.37753	0.96632		4.54E-02	0.00286	3.6E-05	0.00309	0.05139		6.00E-02	0.003785	2.91E-05	0.001918	6.58E-02		0.069567	0.003826	2.15E-05	0.002116	0.07553							
4150	493863.09	3855377.25	1.04649	1.65426	1.29178	0.76123		2.39E-02	0.00176	1.9E-05	0.00243	0.0281		3.16E-02	0.002331	1.58E-05	0.001511	3.54E-02		0.03659	0.002356	1.17E-05	0.001667	0.040625							
4151	494363.09	3855377.25	0.65645	0.89018	0.80753	0.65475		1.50E-02	0.00095	1.2E-05	0.00209	0.01803		1.98E-02	0.001254	9.88E-06	0.0013	2.24E-02		0.022953	0.001268	7.31E-06	0.001434	0.025661							
4152	494863.09	3855377.25	0.49944	0.49105	0.63532	0.59245		1.14E-02	0.00052	9.6E-06	0.00189	0.01382		1.51E-02	0.000692	7.78E-06	0.001176	1.69E-02		0.017463	0.000699	5.75E-06	0.001297	0.019465							
4153	495363.09	3855377.25	0.42072	0.37298	0.55113	0.5611		9.60E-03	0.0004	8.3E-06	0.00179	0.0118		1.27E-02	0.000526	6.75E-06	0.001114	1.43E-02		0.01471	0.000531	4.99E-06	0.001229	0.016475							
4154	495863.09	3855377.25	0.3808	0.33464	0.50943	0.54525		8.69E-03	0.00036	7.7E-06	0.00174	0.0108		1.15E-02	0.000471	6.23E-06	0.001082	1.31E-02		0.013315	0.000477	4.61E-06	0.001194	0.01499							
4155	496363.09	3855377.25	0.37327	0.29661	0.50264	0.54405		8.52E-03	0.00032	7.6E-06	0.00174	0.01058		1.13E-02	0.000418	6.15E-06	0.00108	1.28E-02		0.013051	0.000422	4.55E-06	0.001191	0.01467							
4156	496863.09	3855377.25	0.36968	0.34358	0.49788	0.54362		8.44E-03	0.00037	7.5E-06	0.00174	0.01055		1.12E-02	0.000484	6.09E-06	0.001079	1.27E-02		0.012926	0.000489	4.5E-06	0.00119	0.01461							
4157	497363.09	3855377.25	0.37096	0.35571	0.49992	0.54629		8.47E-03	0.00038	7.5E-06	0.00175	0.0106		1.12E-02	0.000501	6.12E-06	0.001084	1.28E-02		0.012971	0.000507	4.52E-06	0.001196	0.014678							
4158	497863.09	3855377.25	0.3809	0.33615	0.5092	0.55283		8.69E-03	0.00036	7.7E-06	0.00177	0.01083		1.15E-02	0.000474	6.23E-06	0.001097	1.31E-02		0.013318	0.000479	4.61E-06	0.001211	0.015012							
4159	498363.09	3855377.25	0.39062	0.29137	0.52054	0.56118		8.91E-03	0.00031	7.8E-06	0.00179	0.01103		1.18E-02	0.000411	6.37E-06	0.001114	1.33E-02		0.013658	0.000415	4.71E-06	0.001229	0.015306							
4160	471363.09	3855877.25	0.53896	0.7103	0.66383	0.4276		1.23E-02	0.00076	1E-05	0.00137	0.01443		1.63E-02	0.001001	8.12E-06	0.000849	1.81E-02		0.018845	0.001012	6.01E-06	0.000936	0.020799							
4161	471863.09	3855877.25	0.56593	0.71378	0.68506	0.44004		1.29E-02	0.00076	1E-05	0.00141	0.01509		1.71E-02	0.001006	8.38E-06	0.000873	1.90E-02		0.019788	0.001017	6.2E-06	0.000964	0.021774							
4162	472363.09	3855877.25	0.63586	0.73362	0.75373	0.50603		1.45E-02	0.00078	1.1E-05	0.00162	0.01692		1.92E-02	0.001034	9.23E-06	0.001004	2.12E-02		0.022233	0.001045	6.82E-06	0.001108	0.024392							
4163	472863.09	3855877.25	0.65199	0.8432	0.7631	0.48434		1.49E-02	0.0009	1.2E-05	0.00155	0.01734		1.97E-02	0.001188	9.34E-06	0.000961	2.18E-02		0.022797	0.001201	6.9E-06	0.001061	0.025065							
4164	473363.09	3855877.25	0.74896	1.10978	0.85375	0.57211		1.71E-02	0.00118	1.3E-05	0.00183	0.02012		2.26E-02	0.001564	1.04E-05	0.001136	2.53E-02		0.026187	0.00158	7.72E-06	0.001253	0.029028							
4165	473863.09	3855877.25	0.82337	1.3514	0.91889	0.61722		1.88E-02	0.00144	1.4E-05	0.00197	0.02222		2.49E-02	0.001904	1.12E-05	0.001225	2.80E-02		0.028789	0.001925	8.31E-06	0.001352	0.032073							
4166	474363.09	3855877.25	0.8782	1.55416	0.96579	0.6128		2.00E-02	0.00166	1.5E-05	0.00196	0.02367		2.65E-02	0.00219	1.18E-05	0.001216	2.99E-02		0.030706	0.002213	8.74E-06	0.001342	0.03427							
4167	474863.09	3855877.25	0.65499	1.19426	0.718	0.32163		1.49E-02	0.00127	1.1E-05	0.00103	0.01726		1.98E-02	0.001683	8.79E-06	0.000638	2.21E-02		0.022902	0.001701	6.5E-06	0.000704	0.025313							
4168	475363.09	3855877.25	0.287	0.46102	0.37808	0.26321		6.55E-03	0.00049	5.7E-06	0.00084	0.00789		8.66E-03	0.00065	4.63E-06	0.000522	9.84E-03		0.010035	0.000657	3.42E-06	0.000576	0.011271							
4169	475863.09	3855877.25	0.16183	0.19567	0.21952	0.18595		3.69E-03	0.00021	3.3E-06	0.00059	0.0045		4.88E-03	0.000276	2.69E-06	0.000369	5.53E-03		0.005658	0.000279	1.99E-06	0.000407	0.006346							
4170	476363.09	3855877.25	0.17024	0.22781	0.23539	0.22048		3.89E-03	0.00024	3.5E-06	0.0007	0.00484		5.14E-03	0.000321	2.88E-06	0.000438	5.90E-03		0.005952	0.000324	2.13E-06	0.000483	0.006762							
4171	476863.09	3855877.25	0.23036	0.38621	0.32116	0.27163		5.26E-03	0.00041	4.8E-06	0.00087	0.00654		6.95E-03	0.000544	3.93E-06	0.000539	8.04E-03		0.008055	0.00055	2.91E-06	0.000595	0.009202							
4172	477363.09	3855877.25	0.28221	0.50584	0.36958	0.30639		6.44E-03	0.00054	5.6E-06	0.00098	0.00796		8.52E-03	0.000713	4.52E-06	0.000608	9.84E-03		0.009867	0.00072	3.34E-06	0.000671	0.011262							
4173	477863.09	3855877.25	0.35159	0.63221	0.41758	0.35184		8.02E-03	0.00067	6.3E-06	0.00112	0.00983		1.06E-02	0.000891	5.11E-06	0.000698	1.22E-02		0.012293	0.0009	3.78E-06	0.00077	0.013968							
4174	478363.09	3855877.25	0.44613	0.74561	0.55973	0.39622		1.02E-02	0.00079	8.4E-06	0.00127	0.01225		1.35E-02	0.001051	6.85E-06	0.000786	1.53E-02		0.015599	0.001062	5.06E-06	0.000868	0.017533							
4175	478863.09	3855877.25	0.55361	1.02593	0.73951	0.43775		1.26E-02	0.00109	1.1E-05	0.0014	0.01514		1.67E-02	0.001445	9.05E-06	0.000869	1.90E-02		0.019357	0.001461	6.69E-06	0.000959	0.021783							
4176	479363.09	3855877.25	0.78009	1.7068	0.99537	0.47426		1.78E-02	0.00182	1.5E-05	0.00152	0.02115		2.35E-02	0.002405	1.22E-05	0.000941	2.69E-02		0.027276	0.002431	9E-06	0.001038	0.030754							
4177	479863.09	3855877.25	1.20629	2.18882	1.55513	0.57488		2.75E-02	0.00233	2.3E-05	0.00184	0.03172		3.64E-02	0.003084	1.9E-05	0.001141	4.07E-02		0.042178	0.003117	1.41E-05	0.001259	0.046568							
4178	480363.09	3855877.25	1.85249	2.96963	2.45775	1.01008		4.23E-02	0.00316	3.7E-05	0.00323	0.04871		5.59E-02	0.004184	3.01E-05	0.002005	6.21E-02		0.064772	0.004229	2.22E-05	0.002212	0.071235							
4179	480863.09	3855877.25	2.63914	3.48891	3.49759	1.4452		6.02E-02	0.00372	5.3E-05	0.00462	0.06862		7.97E-02	0.004916	4.28E-05	0.002869	8.75E-02		0.092277	0.004969	3.16E-05	0.003165	0.100442							
4180	481363.09	3855877.25	2.89106	5.31147	3.86845	1.39691		6.60E-02	0.00566	5.8E-05	0.00447	0.07616		8.73E-02	0.007484	4.73E-05	0.002773	9.76E-02		0.101086	0.007564	3.5E-05	0.003059	0.111744							
4181	481863.09	3855877.25	3.42322	6.27816	4.19465	4.27042		7.81E-02	0.00669	6.3E-05	0.01365	0.09852		1.03E-01	0.008846	5.13E-05	0.008476	1.21E-01		0.119693	0.008941	3.79E-05	0.009351	0.138022							
4182	482363.09	3855877.25	3.58203	7.91173	4.41654	5.43992		8.17E-02	0.00843	6.7E-05	0.01739	0.10763		1.08E-01	0.011147	5.41E-05	0.010798	1.30E-01		0.125245	0.011267	4E-05	0.011912	0.148464							
4183	482863.09	3855877.25	4.16112	6.89574	5.18211	6.21055		9.50E-02	0.00735	7.8E-05	0.01986	0.12224		1.26E-01	0.009716	6.34E-05	0.012327	1.48E-01		0.145493	0.009821	4.69E-05	0.013599	0.16896							
4184	483363.09	3855877.25	5.18679	10.27601	6.04116	7.20489		1.18E-01	0.01095	9.1E-05	0.02303	0.15244		1.57E-01	0.014478	7.39E-05	0.014301	1.85E-01		0.181356	0.014635	5.47E-05	0.015776	0.211821							
4185	483863.09	3855877.25	6.61896	12.46145	8.71784	8.67211		1.51E-01	0.01328	0.00013	0.02772	0.19218		2.00E-01	0.017557	0.000107	0.017213	2.35E-01		0.231432	0.017747	7.89E-05	0.018989	0.268246							
4186	484363.09	3855877.25	9.06695	11.34391	12.41694	13.21005		2.07E-01	0.01209	0.00019	0.04223	0.26142		2.74E-01	0.015983	0.000152	0.026221	3.16E-01		0.317025	0.016155	0.000112	0.028926	0.362219							
4187	484863.09	3855877.25	15.36103	14.17118	21.07701	13.59884		3.51E-01	0.0151	0.00032	0.04348	0.40944		4.64E-01	0.019966	0.000258	0.026992	5.11E-01		0.537098	0.020182	0.000191	0.029777	0.587247							
4188	485363.09	3855877.25	22.98474	15.65389	59.00206	16.20579		5.25E-01	0.01668	0.00089	0.05181	0.59391		6.94E-01	0.022055	0.000722	0.032167	7.49E-01		0.80366	0.022293	0.000534	0.035485	0.861973							
4189	485863.09	3855877.25	20.94847	12.92865	29.83633	9.39796		4.78E-01	0.01377	0.00045	0.03005	0.52233		6.32E-01	0.018216	0.000365	0.018654	6.69E-01		0.732462	0.018412	0.00027	0.020578	0.771723							
4190	486363.09	3855877.25	10.45224	13.75033	14.5041	3.79262		2.39E-01	0.01465	0.00022	0.01213	0.26552		3.15E-01	0.019373	0.000178	0.007528	3.43E-01		0.365462	0.019582	0.000131	0.008305	0.39348							
4191	486863.09	3855877.25	7.74672	11.78548	9.95452	2.89363		1.77E-01	0.01256	0.00015	0.00925	0.19874		2.34E-01	0.016605	0.000122	0.005744	2.56E-01		0.270864	0.016784	9.01E-05	0.006336	0.294074							
4192	487363.09	3855877.25	6.80116	9.46018	9.67091	2.80272		1.55E-01	0.01008	0.00015	0.00896	0.17439		2.05E-01	0.013329	0.000118	0.005563	2.24E-01		0.237802	0.013473	8.75E-05	0.006137	0.257499							
4193	487863.09	3855877.25	6.55413	9.26601	9.23538	2.89295		1.50E-01	0.00987	0.00014	0.00925	0.16883		1.98E-01	0.013055	0.000113	0.005742	2.17E-01		0.229165	0.013196	8.35E-05	0.006335	0.248779							
4194	488363.09	3855877.25	5.98665	10.45222	8.34367	2.9607		1.37E-01	0.01114	0.00013	0.00947	0.15735		1.81E-01	0.014727	0.000102	0.005877	2.01E-01		0.209323	0.014885	7.55E-05	0.006483	0.230767							
4195	488863.09	3855877.25	5.50609	5.79734	7.59834	3.28018		1.26E-01	0.00618	0.00011	0.01049	0.14243		1.66E-01	0.008168	9.3E-05	0.006511	1.81E-01		0.19252	0.008256	6.87E-05	0.007182	0.208028							
4196	489363.09	3855877.25	5.02702	5.55219	6.94788	3.37997		1.15E-01	0.00591	0.0001	0.01081	0.13155		1.52E-01	0.007823	8.5E-05	0.006709	1.66E-01		0.175769	0.007907	6.29E-05	0.007401	0.19114							
4197	489863.09	3855877.25	4.47895	5.96554	6.28838	3.32128		1.02E-01	0.00636	9.5E-05	0.01062	0.11928		1.35E-01	0.008405	7.7E-05	0.006592	1.50E-01		0.156606	0.008496	5.69E-05	0.007272	0.172431							
4198	490363.09	3855877.25	4.01193	4.82854	5.4306	3.31791		9.16E-02	0.00514	8.2E-05	0.01061	0.10739		1.21E-01	0.006803	6.65E-05	0.006586	1.35E-01		0.140277	0.006877	4.91E-05	0.007265	0.154468							
4199	490863.09	3855877.25	3.6391	4.69115	4.71093	2.71949		8.30E-02	0.005	7.1E-05	0.00869	0.09681		1.10E-01	0.00661	5.77E-05	0.005398	1.22E-01		0.127241	0.006681	4.26E-05	0.005955	0.139919							
4200	491363.09	3855877.25	2.90086	3.74706	3.80665	2.03175		6.62E-02	0.00399	5.7E-05	0.0065	0.07674		8.76E-02	0.005279	4.66E-05	0.004033	9.69E-02		0.101428	0.005336	3.44E-05	0.004449	0.111248							
4201	491863.09	3855877.25	3.12904	3.7989	4.00002	2.46087		7.14E-02	0.00405	6E-05	0.00787	0.08338		9.44E-02	0.005352	4.9E-05	0.004885	1.05E-01		0.109407	0.00541	3.62E-05	0.005388	0.120242							
4202	492363.09	3855877.25	2.7331	4.39875	3.58829	2.07353		6.24E-02	0.00469	5.4E-05	0.00663	0.07374		8.25E-02	0.006198	4.39E-05	0.004116	9.28E-02		0.095563	0.006264	3.25E-05	0.00454	0.1064							
4203	492863.09	3855877.25	2.36201	4.00013	3.18169	1.86043		5.39E-02	0.00426	4.8E-05	0.00595	0.06416		7.13E-02	0.005636	3.89E-05	0.003693	8.07E-02		0.082588	0.005697	2.88E-05	0.004074	0.092387							
4204	493363.09	3855877.25	1.3686	2.14375	1.89042	0.98828		3.12E-02	0.00228	2.8E-05	0.00316	0.0367		4.13E-02	0.00302	2.31E-05	0.001962	4.63E-02		0.047853	0.003053	1.71E-05	0.002164	0.053087							
4205	493863.09	3855877.25	0.77907	0.94634	1.05004	0.78211		1.78E-02	0.00101	1.6E-05	0.0025	0.0213		2.35E-02	0.001333	1.29E-05	0.001552	2.64E-02		0.02724	0.001348	9.5E-06	0.001713	0.03031							

4206	494363.09	3855877.25	0.56501	0.57027	0.76217	0.65686	1.29E-02	0.00061	1.1E-05	0.0021	0.01561	1.71E-02	0.000803	9.33E-06	0.001304	1.92E-02	0.019756	0.000812	6.9E-06	0.001438	0.022013
4207	494863.09	3855877.25	0.45867	0.43944	0.619	0.59331	1.05E-02	0.00047	9.3E-06	0.0019	0.01284	1.38E-02	0.000619	7.58E-06	0.001178	1.56E-02	0.016037	0.000626	5.6E-06	0.001299	0.017968
4208	495363.09	3855877.25	0.37488	0.36689	0.51424	0.55009	8.56E-03	0.00039	7.8E-06	0.00176	0.01071	1.13E-02	0.000517	6.29E-06	0.001092	1.29E-02	0.013108	0.000523	4.65E-06	0.001205	0.014839
4209	495863.09	3855877.25	0.37091	0.32201	0.50904	0.54936	8.46E-03	0.00034	7.7E-06	0.00176	0.01057	1.12E-02	0.000454	6.23E-06	0.00109	1.27E-02	0.012969	0.000459	4.61E-06	0.001203	0.014635
4210	496363.09	3855877.25	0.37029	0.2929	0.50681	0.55006	8.45E-03	0.00031	7.6E-06	0.00176	0.01053	1.12E-02	0.000413	6.2E-06	0.001092	1.27E-02	0.012947	0.000417	4.58E-06	0.001204	0.014573
4211	496863.09	3855877.25	0.3781	0.28773	0.51503	0.55564	8.63E-03	0.00031	7.8E-06	0.00178	0.01072	1.14E-02	0.000405	6.3E-06	0.001103	1.29E-02	0.01322	0.00041	4.66E-06	0.001217	0.014851
4212	497363.09	3855877.25	0.38787	0.28119	0.52543	0.56277	8.85E-03	0.0003	7.9E-06	0.0018	0.01096	1.17E-02	0.000396	6.43E-06	0.001117	1.32E-02	0.013562	0.0004	4.75E-06	0.001232	0.015199
4213	497863.09	3855877.25	0.4025	0.26586	0.54103	0.57321	9.19E-03	0.00028	8.2E-06	0.00183	0.01131	1.21E-02	0.000375	6.62E-06	0.001138	1.37E-02	0.014073	0.000379	4.89E-06	0.001255	0.015712
4214	498363.09	3855877.25	0.43701	0.28456	0.57711	0.59631	9.97E-03	0.0003	8.7E-06	0.00191	0.01219	1.32E-02	0.000401	7.06E-06	0.001184	1.48E-02	0.01528	0.000405	5.22E-06	0.001306	0.016996
4215	471363.09	3856377.25	0.59728	1.1432	0.69101	0.39337	1.36E-02	0.00122	1E-05	0.00126	0.01612	1.80E-02	0.001611	8.46E-06	0.000781	2.04E-02	0.020884	0.001628	6.25E-06	0.000861	0.02338
4216	471863.09	3856377.25	0.62909	1.24939	0.70062	0.38857	1.44E-02	0.00133	1.1E-05	0.00124	0.01694	1.90E-02	0.00176	8.57E-06	0.000771	2.15E-02	0.021996	0.001779	6.34E-06	0.000851	0.024633
4217	472363.09	3856377.25	0.68206	1.39044	0.73184	0.41406	1.56E-02	0.00148	1.1E-05	0.00132	0.01838	2.06E-02	0.001959	8.96E-06	0.000822	2.34E-02	0.023848	0.00198	6.62E-06	0.000907	0.026742
4218	472863.09	3856377.25	0.74288	1.52928	0.77141	0.45629	1.70E-02	0.00163	1.2E-05	0.00146	0.02005	2.24E-02	0.002155	9.44E-06	0.000906	2.55E-02	0.025975	0.002178	6.98E-06	0.000999	0.029159
4219	473363.09	3856377.25	0.7933	1.62039	0.86146	0.48655	1.81E-02	0.00173	1.3E-05	0.00156	0.0214	2.39E-02	0.002283	1.05E-05	0.000966	2.72E-02	0.027738	0.002308	7.79E-06	0.001065	0.031119
4220	473863.09	3856377.25	0.86821	1.71681	0.98264	0.57601	1.98E-02	0.00183	1.5E-05	0.00184	0.0235	2.62E-02	0.002419	1.2E-05	0.001143	2.98E-02	0.030357	0.002445	8.89E-06	0.001261	0.034072
4221	474363.09	3856377.25	0.86512	1.63328	1.0321	0.50795	1.97E-02	0.00174	1.6E-05	0.00162	0.02312	2.61E-02	0.002301	1.26E-05	0.001008	2.94E-02	0.030249	0.002326	9.34E-06	0.001112	0.033696
4222	474863.09	3856377.25	0.80026	1.38597	1.01752	0.39899	1.83E-02	0.00148	1.5E-05	0.00128	0.02103	2.42E-02	0.001953	1.25E-05	0.000792	2.69E-02	0.027981	0.001974	9.21E-06	0.000874	0.030838
4223	475363.09	3856377.25	0.54827	0.82713	0.75663	0.32371	1.25E-02	0.00088	1.1E-05	0.00103	0.01444	1.65E-02	0.001165	9.26E-06	0.000643	1.84E-02	0.01917	0.001178	6.84E-06	0.000709	0.021064
4224	475863.09	3856377.25	0.27313	0.53182	0.34153	0.2746	6.23E-03	0.00057	5.1E-06	0.00088	0.00768	8.24E-03	0.000749	4.18E-06	0.000545	9.54E-03	0.00955	0.000757	3.09E-06	0.000601	0.010912
4225	476363.09	3856377.25	0.25414	0.44837	0.33147	0.26934	5.80E-03	0.00048	5E-06	0.00086	0.00714	7.67E-03	0.000632	4.06E-06	0.000535	8.84E-03	0.008886	0.000639	3E-06	0.00059	0.010117
4226	476863.09	3856377.25	0.25596	0.45312	0.33744	0.27524	5.84E-03	0.00048	5.1E-06	0.00088	0.00721	7.73E-03	0.000638	4.13E-06	0.000546	8.91E-03	0.00895	0.000645	3.05E-06	0.000603	0.010201
4227	477363.09	3856377.25	0.26956	0.52916	0.35354	0.28678	6.15E-03	0.00056	5.3E-06	0.00092	0.00764	8.14E-03	0.000746	4.33E-06	0.000569	9.45E-03	0.009425	0.000754	3.2E-06	0.000628	0.01081
4228	477863.09	3856377.25	0.23862	0.44286	0.30915	0.26292	5.45E-03	0.00047	4.7E-06	0.00084	0.00676	7.20E-03	0.000624	3.78E-06	0.000522	8.35E-03	0.008343	0.000631	2.8E-06	0.000576	0.009553
4229	478363.09	3856377.25	0.25786	0.52948	0.29079	0.26627	5.88E-03	0.00056	4.4E-06	0.00085	0.0073	7.78E-03	0.000746	3.56E-06	0.000529	9.06E-03	0.009016	0.000754	2.63E-06	0.000583	0.010356
4230	478863.09	3856377.25	0.42742	0.84677	0.44599	0.36584	9.75E-03	0.0009	6.7E-06	0.00117	0.01183	1.29E-02	0.001193	5.46E-06	0.000726	1.48E-02	0.014945	0.001206	4.03E-06	0.000801	0.016956
4231	479363.09	3856377.25	0.61412	1.0042	0.59444	0.4407	1.40E-02	0.00107	9E-06	0.00141	0.0165	1.85E-02	0.001415	7.28E-06	0.000875	2.08E-02	0.021473	0.00143	5.38E-06	0.000965	0.023873
4232	479863.09	3856377.25	1.22476	2.01791	1.44494	0.61356	2.80E-02	0.00215	2.2E-05	0.00196	0.03208	3.70E-02	0.002843	1.77E-05	0.001218	4.10E-02	0.042824	0.002874	1.31E-05	0.001343	0.047054
4233	480363.09	3856377.25	1.85439	3.69413	2.25137	0.89454	4.23E-02	0.00394	3.4E-05	0.00286	0.04915	5.60E-02	0.005205	2.76E-05	0.001776	6.30E-02	0.064839	0.005261	2.04E-05	0.001959	0.072079
4234	480863.09	3856377.25	2.59677	4.60095	2.68961	1.56927	5.93E-02	0.0049	4.1E-05	0.00502	0.06922	7.84E-02	0.006482	3.29E-05	0.003115	8.80E-02	0.090796	0.006552	2.43E-05	0.003436	0.100809
4235	481363.09	3856377.25	3.07095	6.21131	3.45319	2.51991	7.01E-02	0.00662	5.2E-05	0.00806	0.08481	9.27E-02	0.008751	4.23E-05	0.005002	1.06E-01	0.107376	0.008846	3.12E-05	0.005518	0.12177
4236	481863.09	3856377.25	3.22952	5.30656	4.24955	3.7838	7.37E-02	0.00565	6.4E-05	0.0121	0.09151	9.75E-02	0.007477	5.2E-05	0.00751	1.13E-01	0.11292	0.007557	3.84E-05	0.008285	0.128801
4237	482363.09	3856377.25	3.2441	6.06427	4.3194	4.50259	7.40E-02	0.00646	6.5E-05	0.01439	0.09495	9.79E-02	0.008544	5.29E-05	0.008937	1.15E-01	0.11343	0.008636	3.91E-05	0.009859	0.131964
4238	482863.09	3856377.25	3.69285	6.7215	4.72313	5.34095	8.43E-02	0.00716	7.1E-05	0.01708	0.10858	1.11E-01	0.00947	5.78E-05	0.010601	1.32E-01	0.12912	0.009572	4.27E-05	0.011695	0.15043
4239	483363.09	3856377.25	4.39762	8.22047	5.78618	6.06385	1.00E-01	0.00876	8.7E-05	0.01939	0.12859	1.33E-01	0.011582	7.08E-05	0.012036	1.56E-01	0.153763	0.011707	5.23E-05	0.013278	0.1788
4240	483863.09	3856377.25	5.218	9.38288	7.10127	8.01226	1.19E-01	0.01	0.00011	0.02562	0.1548	1.57E-01	0.01322	8.69E-05	0.015904	1.87E-01	0.182447	0.013363	6.42E-05	0.017544	0.213418
4241	484363.09	3856377.25	6.23723	6.70798	8.48673	11.20497	1.42E-01	0.00715	0.00013	0.03582	0.18544	1.88E-01	0.009451	0.000104	0.022241	2.20E-01	0.218084	0.009553	7.68E-05	0.024535	0.252249
4242	484863.09	3856377.25	8.04541	7.78364	11.10845	14.28146	1.84E-01	0.00829	0.00017	0.04566	0.23772	2.43E-01	0.010967	0.000136	0.028347	2.82E-01	0.281307	0.011085	0.0001	0.031272	0.323764
4243	485363.09	3856377.25	12.66388	8.21363	17.39523	17.08101	2.89E-01	0.00875	0.00026	0.05461	0.35262	3.82E-01	0.011572	0.000213	0.033904	4.28E-01	0.442792	0.011697	0.000157	0.037402	0.492048
4244	485863.09	3856377.25	23.11893	10.92489	40.61888	17.60431	5.28E-01	0.01164	0.00061	0.05628	0.59612	6.98E-01	0.015392	0.000497	0.034943	7.49E-01	0.808352	0.015559	0.000367	0.038548	0.862826
4245	486363.09	3856377.25	23.94325	16.67699	35.42745	8.37684	5.46E-01	0.01777	0.00053	0.02678	0.59149	7.23E-01	0.023497	0.000434	0.016627	7.63E-01	0.837174	0.02375	0.000321	0.018342	0.879588
4246	486863.09	3856377.25	13.18658	12.73487	19.03818	4.86851	3.01E-01	0.01357	0.00029	0.01556	0.33035	3.98E-01	0.017943	0.000233	0.009663	4.26E-01	0.461068	0.018136	0.000172	0.01066	0.490037
4247	487363.09	3856377.25	10.0367	12.36952	14.15166	4.46487	2.29E-01	0.01318	0.00021	0.01427	0.25671	3.03E-01	0.017428	0.000173	0.008862	3.29E-01	0.350933	0.017616	0.000128	0.009777	0.378453
4248	487863.09	3856377.25	8.19881	8.70666	11.3898	4.59227	1.87E-01	0.00928	0.00017	0.01468	0.21123	2.47E-01	0.012267	0.000139	0.009115	2.69E-01	0.286671	0.0124	0.000103	0.010056	0.309229
4249	488363.09	3856377.25	6.88072	9.75928	9.58473	4.77362	1.57E-01	0.0104	0.00014	0.01526	0.18283	2.08E-01	0.01375	0.000117	0.009475	2.31E-01	0.240584	0.013899	8.67E-05	0.010453	0.265022
4250	488863.09	3856377.25	5.67847	9.05306	7.95973	4.9377	1.30E-01	0.00964	0.00012	0.01579	0.15514	1.71E-01	0.012755	9.74E-05	0.009801	1.94E-01	0.198547	0.012893	7.2E-05	0.010812	0.222324
4251	489363.09	3856377.25	4.91257	8.83445	6.42852	4.82599	1.12E-01	0.00941	9.7E-05	0.01543	0.13705	1.48E-01	0.012447	7.87E-05	0.009579	1.70E-01	0.171768	0.012582	5.82E-05	0.010567	0.194975
4252	489863.09	3856377.25	4.38119	7.87641	5.56401	4.61044	1.00E-01	0.00839	8.4E-05	0.01474	0.1232	1.32E-01	0.011097	6.81E-05	0.009151	1.53E-01	0.153188	0.011217	5.03E-05	0.010095	0.174551
4253	490363.09	3856377.25	3.93467	6.88944	4.9899	4.08506	8.98E-02	0.00734	7.5E-05	0.01306	0.11027	1.19E-01	0.009707	6.11E-05	0.008108	1.37E-01	0.137576	0.009812	4.51E-05	0.008945	0.156377
4254	490863.09	3856377.25	3.56455	6.90236	4.50678	3.56043	8.13E-02	0.00735	6.8E-05	0.01138	0.10015	1.08E-01	0.009725	5.52E-05	0.007067	1.24E-01	0.124634	0.00983	4.08E-05	0.007796	0.142301
4255	491363.09	3856377.25	3.15721	5.30812	3.94502	3.2143	7.21E-02	0.00565	5.9E-05	0.01028	0.08804	9.53E-02	0.007479	4.83E-05	0.00638	1.09E-01	0.110392	0.00756	3.57E-05	0.007038	0.125025
4256	491863.09	3856377.25	2.80277	5.41242	3.4957	2.68901	6.40E-02	0.00577	5.3E-05	0.0086	0.07838	8.46E-02	0.007626	4.28E-05	0.005337	9.76E-02	0.097999	0.007708	3.16E-05	0.005888	0.111626
4257	492363.09	3856377.25	2.42024	4.8562	3.04211	2.03304	5.52E-02	0.00517	4.6E-05	0.0065	0.06695	7.30E-02	0.006842	3.72E-05	0.004035	8.40E-02	0.084624	0.006916	2.75E-05	0.004452	0.096019
4258	492863.09	3856377.25	1.67535	3.13874	2.16374	1.22151	3.82E-02	0.00334	3.3E-05	0.00391	0.04551	5.06E-02	0.004422	2.65E-05	0.002425	5.74E-02	0.058579	0.00447	1.96E-05	0.002675	0.065743
4259	493363.09	3856377.25	0.76137	1.20742	1.05905	0.85803	1.74E-02	0.00129	1.6E-05	0.00274	0.02142	2.30E-02	0.001701	1.3E-05	0.001703	2.64E-02	0.026621	0.00172	9.58E-06	0.001879	0.030229
4260	493863.09	3856377.25	0.60631	0.72439	0.8568	0.74502	1.38E-02	0.00077	1.3E-05	0.00238	0.017	1.83E-02	0.001021	1.05E-05	0.001479	2.08E-02	0.0212	0.001032	7.75E-06	0.001631	0.02387
4261	494363.09	3856377.25	0.4685	0.59281	0.67212	0.63411	1.07E-02	0.00063	1E-05	0.00203	0.01336	1.41E-02	0.000835	8.23E-06	0.001259	1.62E-02	0.016381	0.000844	6.08E-06	0.001388	0.01862
4262	494863.09	3856377.25	0.37833	0.40976	0.54211	0.56451	8.63E-03	0.00044	8.2E-06	0.0018	0.01088	1.14E-02	0.000577	6.63E-06	0.00112	1.31E-02	0.013228	0.000584	4.9E-06	0.001236	0.015053
4263	495363.09	3856377.25	0.33609	0.34706	0.47752	0.53661	7.67E-03	0.00037	7.2E-06	0.00172	0.00976	1.01E-02	0.000489	5.84E-06	0.001065	1.17E-02	0.011751	0.000494	4.32E-06	0.001175	0.013425
4264	495863.09	3856377.25	0.3305	0.38822	0.4648	0.53553	7.54E-03	0.00041	7E-06	0.00171	0.00967	9.97E-03	0.000547	5.69E-06	0.001063	1.16E-02	0.011556	0.000553	4.2E-06	0.001173	0.013286
4265	496363.09	3856377.25	0.33236	0.42841	0.46441	0.54056	7.58E-03	0.00046	7E-06	0.00173	0.00978	1.00E-02	0.000604	5.68E-06	0.001073	1.17E-02	0.011621	0.00061	4.2E-06	0.001184	0.013419
4266	496863.09	3856377.25	0.35192	0.47254	0.48471	0.55622	8.03E-03	0.0005	7.3E-06	0.00178	0.01032	1.06E-02	0.000666	5.93E-06	0.001104	1.24E-02	0.012305	0.000673	4.39E-06	0.001218	0.0142

4267	497363.09	3856377.25	0.36945	0.51324	0.50454	0.57298		8.43E-03	0.00055	7.6E-06	0.00183	0.01082		1.12E-02	0.000723	6.18E-06	0.001137	1.30E-02		0.012918	0.000731	4.56E-06	0.001255	0.014908
4268	497863.09	3856377.25	0.40027	0.55628	0.53622	0.59841		9.13E-03	0.00059	8.1E-06	0.00191	0.01165		1.21E-02	0.000784	6.56E-06	0.001188	1.41E-02		0.013995	0.000792	4.85E-06	0.00131	0.016103
4269	498363.09	3856377.25	0.43819	0.60216	0.57805	0.6295		1.00E-02	0.00064	8.7E-06	0.00201	0.01266		1.32E-02	0.000848	7.07E-06	0.001249	1.53E-02		0.015321	0.000858	5.23E-06	0.001378	0.017562
4270	471363.09	3856877.25	0.54973	1.1074	0.60729	0.4252		1.25E-02	0.00118	9.2E-06	0.00136	0.01509		1.66E-02	0.00156	7.43E-06	0.000844	1.90E-02		0.019221	0.001577	5.49E-06	0.000931	0.021735
4271	471863.09	3856877.25	0.55786	1.09621	0.62856	0.43884		1.27E-02	0.00117	9.5E-06	0.0014	0.01531		1.68E-02	0.001544	7.69E-06	0.000871	1.93E-02		0.019506	0.001561	5.69E-06	0.000961	0.022033
4272	472363.09	3856877.25	0.58824	1.08671	0.65942	0.49235		1.34E-02	0.00116	9.9E-06	0.00157	0.01617		1.78E-02	0.001531	8.07E-06	0.000977	2.03E-02		0.020568	0.001548	5.97E-06	0.001078	0.023199
4273	472863.09	3856877.25	0.61822	1.0446	0.70253	0.54559		1.41E-02	0.00111	1.1E-05	0.00174	0.01698		1.87E-02	0.001472	8.6E-06	0.001083	2.12E-02		0.021616	0.001488	6.36E-06	0.001195	0.024305
4274	473363.09	3856877.25	0.68046	1.0903	0.76991	0.66755		1.55E-02	0.00116	1.2E-05	0.00213	0.01884		2.05E-02	0.001536	9.42E-06	0.001325	2.34E-02		0.023792	0.001553	6.97E-06	0.001462	0.026814
4275	473863.09	3856877.25	0.71225	1.17249	0.81161	0.72042		1.63E-02	0.00125	1.2E-05	0.0023	0.01982		2.15E-02	0.001652	9.93E-06	0.00143	2.46E-02		0.024904	0.00167	7.34E-06	0.001577	0.028158
4276	474363.09	3856877.25	0.68049	1.10198	0.82513	0.6264		1.55E-02	0.00117	1.2E-05	0.002	0.01872		2.05E-02	0.001553	1.01E-05	0.001243	2.33E-02		0.023793	0.001569	7.46E-06	0.001372	0.026742
4277	474863.09	3856877.25	0.60021	0.99238	0.80005	0.48192		1.37E-02	0.00106	1.2E-05	0.00154	0.01631		1.81E-02	0.001398	9.79E-06	0.000957	2.05E-02		0.020986	0.001413	7.24E-06	0.001055	0.023462
4278	475363.09	3856877.25	0.46162	0.86274	0.65521	0.28075		1.05E-02	0.00092	9.9E-06	0.0009	0.01236		1.39E-02	0.001216	8.02E-06	0.000557	1.57E-02		0.016141	0.001229	5.93E-06	0.000615	0.01799
4279	475863.09	3856877.25	0.4396	0.91278	0.62745	0.28262		1.00E-02	0.00097	9.5E-06	0.0009	0.01192		1.33E-02	0.001286	7.68E-06	0.000561	1.51E-02		0.015371	0.0013	5.68E-06	0.000619	0.017295
4280	476363.09	3856877.25	0.36891	0.72113	0.4646	0.26626		8.42E-03	0.00077	7E-06	0.00085	0.01005		1.11E-02	0.001016	5.69E-06	0.000528	1.27E-02		0.012899	0.001027	4.2E-06	0.000583	0.014513
4281	476863.09	3856877.25	0.37853	0.71848	0.4388	0.26373		8.64E-03	0.00077	6.6E-06	0.00084	0.01025		1.14E-02	0.001012	5.37E-06	0.000523	1.30E-02		0.013235	0.001023	3.97E-06	0.000577	0.01484
4282	477363.09	3856877.25	0.35483	0.68195	0.41336	0.25167		8.10E-03	0.00073	6.2E-06	0.0008	0.00963		1.07E-02	0.000961	5.06E-06	0.0005	1.22E-02		0.012407	0.000971	3.74E-06	0.000551	0.013933
4283	477863.09	3856877.25	0.3082	0.65527	0.33528	0.21577		7.03E-03	0.0007	5.1E-06	0.00069	0.00843		9.30E-03	0.000923	4.1E-06	0.000428	1.07E-02		0.010776	0.000933	3.03E-06	0.000472	0.012185
4284	478363.09	3856877.25	0.316	0.57724	0.38409	0.22285		7.21E-03	0.00061	5.8E-06	0.00071	0.00854		9.54E-03	0.000813	4.7E-06	0.000442	1.08E-02		0.011049	0.000822	3.47E-06	0.000488	0.012362
4285	478863.09	3856877.25	0.31777	0.37453	0.42316	0.27741		7.25E-03	0.0004	6.4E-06	0.00089	0.00854		9.59E-03	0.000528	5.18E-06	0.000551	1.07E-02		0.011111	0.000533	3.83E-06	0.000607	0.012255
4286	479363.09	3856877.25	0.34693	0.56343	0.45115	0.35206		7.92E-03	0.0006	6.8E-06	0.00113	0.00965		1.05E-02	0.000794	5.52E-06	0.000699	1.20E-02		0.01213	0.000802	4.08E-06	0.000771	0.013708
4287	479863.09	3856877.25	1.27727	2.26759	1.45315	0.50746		2.91E-02	0.00242	2.2E-05	0.00162	0.03321		3.85E-02	0.003195	1.78E-05	0.001007	4.28E-02		0.04466	0.003229	1.31E-05	0.001111	0.049013
4288	480363.09	3856877.25	2.20441	4.24544	2.67826	0.87799		5.03E-02	0.00452	4E-05	0.00281	0.05768		6.65E-02	0.005982	3.28E-05	0.001743	7.43E-02		0.077077	0.006046	2.42E-05	0.001923	0.08507
4289	480863.09	3856877.25	2.58724	3.94849	3.51991	1.48906		5.90E-02	0.00421	5.3E-05	0.00476	0.06806		7.81E-02	0.005563	4.31E-05	0.002956	8.66E-02		0.090463	0.005623	3.18E-05	0.003261	0.099378
4290	481363.09	3856877.25	2.67887	3.80448	3.75464	2.40993		6.11E-02	0.00405	5.7E-05	0.0077	0.07295		8.09E-02	0.00536	4.6E-05	0.004783	9.10E-02		0.093667	0.005418	3.4E-05	0.005277	0.104396
4291	481863.09	3856877.25	2.9792	5.41362	4.05402	3.32254		6.80E-02	0.00577	6.1E-05	0.01062	0.08444		8.99E-02	0.007627	4.96E-05	0.006595	1.04E-01		0.104168	0.00771	3.67E-05	0.007275	0.119189
4292	482363.09	3856877.25	2.93927	5.76032	4.00147	4.3757		6.71E-02	0.00614	6E-05	0.01399	0.08726		8.87E-02	0.008116	4.9E-05	0.008685	1.06E-01		0.102771	0.008204	3.62E-05	0.009581	0.120592
4293	482863.09	3856877.25	3.1841	6.64647	4.22248	4.73984		7.27E-02	0.00708	6.4E-05	0.01515	0.09496		9.61E-02	0.009364	5.17E-05	0.009408	1.15E-01		0.111332	0.009466	3.82E-05	0.010379	0.131214
4294	483363.09	3856877.25	3.56884	7.43301	4.60481	5.41276		8.14E-02	0.00792	6.9E-05	0.0173	0.10674		1.08E-01	0.010473	5.64E-05	0.010744	1.29E-01		0.124784	0.010586	4.17E-05	0.011852	0.147264
4295	483863.09	3856877.25	4.03936	5.80935	5.47922	7.28761		9.22E-02	0.00619	8.3E-05	0.0233	0.12175		1.22E-01	0.008185	6.71E-05	0.014465	1.45E-01		0.141236	0.008273	4.96E-05	0.015957	0.165516
4296	484363.09	3856877.25	4.65343	5.25522	6.34294	8.76186		1.06E-01	0.0056	9.6E-05	0.02801	0.1399		1.40E-01	0.007404	7.76E-05	0.017391	1.65E-01		0.162707	0.007484	5.74E-05	0.019186	0.189434
4297	484863.09	3856877.25	5.45221	7.58119	7.31205	10.42401		1.24E-01	0.00808	0.00011	0.03333	0.16594		1.65E-01	0.010681	8.95E-05	0.020691	1.96E-01		0.190636	0.010797	6.61E-05	0.022825	0.224324
4298	485363.09	3856877.25	7.0584	8.29739	9.47701	13.13896		1.61E-01	0.00884	0.00014	0.04201	0.21207		2.13E-01	0.01169	0.000116	0.026079	2.51E-01		0.246797	0.011817	8.57E-05	0.02877	0.287469
4299	485863.09	3856877.25	10.80066	11.36739	14.52194	16.94808		2.46E-01	0.01211	0.00022	0.05418	0.31299		3.26E-01	0.016016	0.000178	0.03364	3.76E-01		0.377644	0.016189	0.000131	0.037111	0.431075
4300	486363.09	3856877.25	21.22268	26.04838	43.69934	9.62949		4.84E-01	0.02775	0.00066	0.03079	0.54351		6.41E-01	0.036701	0.000535	0.019114	6.97E-01		0.74205	0.037097	0.000395	0.021085	0.800627
4301	486863.09	3856877.25	25.96815	34.30843	49.84254	11.63168		5.93E-01	0.03655	0.00075	0.03719	0.6671		7.84E-01	0.048338	0.00061	0.023088	8.56E-01		0.907975	0.04886	0.000451	0.025469	0.982756
4302	487363.09	3856877.25	13.94289	19.93055	20.55099	8.17224		3.18E-01	0.02123	0.00031	0.02613	0.36586		4.21E-01	0.028081	0.000252	0.016221	4.65E-01		0.487512	0.028384	0.000186	0.017894	0.533977
4303	487863.09	3856877.25	8.82708	19.1596	12.65142	7.36179		2.01E-01	0.02041	0.00019	0.02354	0.24558		2.66E-01	0.026995	0.000155	0.014612	3.08E-01		0.308638	0.027286	0.000114	0.01612	0.352159
4304	488363.09	3856877.25	6.83012	17.45487	9.22754	7.774		1.56E-01	0.0186	0.00014	0.02485	0.19946		2.06E-01	0.024593	0.000113	0.015431	2.46E-01		0.238815	0.024858	8.35E-05	0.017022	0.280779
4305	488863.09	3856877.25	5.75277	15.67001	7.37092	7.04621		1.31E-01	0.01669	0.00011	0.02253	0.17061		1.74E-01	0.022078	9.02E-05	0.013986	2.10E-01		0.201145	0.022316	6.67E-05	0.015429	0.238957
4306	489363.09	3856877.25	4.66227	11.44836	5.83568	6.54798		1.06E-01	0.0122	8.8E-05	0.02093	0.13962		1.41E-01	0.01613	7.14E-05	0.012997	1.70E-01		0.163016	0.016304	5.28E-05	0.014338	0.193711
4307	489863.09	3856877.25	4.01082	8.52464	4.88637	5.77864		9.15E-02	0.00908	7.4E-05	0.01847	0.11916		1.21E-01	0.012011	5.98E-05	0.01147	1.45E-01		0.140238	0.01214	4.42E-05	0.012653	0.165076
4308	490363.09	3856877.25	3.44687	7.18821	4.33058	4.80559		7.87E-02	0.00766	6.5E-05	0.01536	0.10175		1.04E-01	0.010128	5.3E-05	0.009539	1.24E-01		0.12052	0.010237	3.92E-05	0.010523	0.141318
4309	490863.09	3856877.25	3.03346	6.09623	3.85964	3.96138		6.92E-02	0.00649	5.8E-05	0.01266	0.08844		9.16E-02	0.008589	4.72E-05	0.007863	1.08E-01		0.106065	0.008682	3.49E-05	0.008674	0.123456
4310	491363.09	3856877.25	2.73302	5.50764	3.43596	3.10804		6.24E-02	0.00587	5.2E-05	0.00994	0.07823		8.25E-02	0.00776	4.21E-05	0.006169	9.65E-02		0.09556	0.007844	3.11E-05	0.006806	0.11024
4311	491863.09	3856877.25	2.50337	4.65764	3.06243	2.43566		5.71E-02	0.00496	4.6E-05	0.00779	0.06992		7.56E-02	0.006562	3.75E-05	0.004835	8.70E-02		0.08753	0.006633	2.77E-05	0.005333	0.099524
4312	492363.09	3856877.25	1.94863	3.58324	2.52631	1.31557		4.45E-02	0.00382	3.8E-05	0.00421	0.05253		5.88E-02	0.005049	3.09E-05	0.002611	6.65E-02		0.068134	0.005103	2.29E-05	0.002881	0.07614
4313	492863.09	3856877.25	1.45081	2.67685	1.65328	1.05939		3.31E-02	0.00285	2.5E-05	0.00339	0.03937		4.38E-02	0.003772	2.02E-05	0.002103	4.97E-02		0.050727	0.003812	1.5E-05	0.00232	0.056874
4314	493363.09	3856877.25	0.80557	1.33829	1.00984	0.84705		1.84E-02	0.00143	1.5E-05	0.00271	0.02253		2.43E-02	0.001886	1.24E-05	0.001681	2.79E-02		0.028167	0.001906	9.14E-06	0.001855	0.031937
4315	493863.09	3856877.25	0.45358	0.99247	0.58051	0.67358		1.04E-02	0.00106	8.7E-06	0.00215	0.01357		1.37E-02	0.001398	7.1E-06	0.001337	1.64E-02		0.015859	0.001413	5.25E-06	0.001475	0.018753
4316	494363.09	3856877.25	0.33965	0.90638	0.40535	0.57114		7.75E-03	0.00097	6.1E-06	0.00183	0.01055		1.03E-02	0.001277	4.96E-06	0.001134	1.27E-02		0.011876	0.001291	3.67E-06	0.001251	0.014421
4317	494863.09	3856877.25	0.29696	0.86658	0.3529	0.53975		6.78E-03	0.00092	5.3E-06	0.00173	0.00943		8.96E-03	0.001221	4.32E-06	0.001071	1.13E-02		0.010383	0.001234	3.19E-06	0.001182	0.012802
4318	495363.09	3856877.25	0.27821	0.83584	0.32813	0.52778		6.35E-03	0.00089	4.9E-06	0.00169	0.00893		8.40E-03	0.001178	4.02E-06	0.001048	1.06E-02		0.009728	0.00119	2.97E-06	0.001156	0.012077
4319	495863.09	3856877.25	0.27736	0.81081	0.321	0.53083		6.33E-03	0.00086	4.8E-06	0.0017	0.0089		8.37E-03	0.001142	3.93E-06	0.001054	1.06E-02		0.009698	0.001155	2.9E-06	0.001162	0.012018
4320	496363.09	3856877.25	0.27994	0.78768	0.31717	0.5361		6.39E-03	0.00084	4.8E-06	0.00171	0.00895		8.45E-03	0.00111	3.88E-06	0.001064	1.06E-02		0.009788	0.001122	2.87E-06	0.001174	0.012087
4321	496863.09	3856877.25	0.29257	0.77436	0.31991	0.54911		6.68E-03	0.00082	4.8E-06	0.00176	0.00926		8.83E-03	0.001091	3.92E-06	0.00109	1.10E-02		0.01023	0.001103	2.89E-06	0.001202	0.012538
4322	497363.09	3856877.25	0.31182	0.77211	0.33333	0.57038		7.12E-03	0.00082	5E-06	0.00182	0.00977		9.41E-03	0.001088	4.08E-06	0.001132	1.16E-02		0.010903	0.0011	3.02E-06	0.001249	0.013254
4323	497863.09	3856877.25	0.35006	0.79608	0.37533	0.60978		7.99E-03	0.00085	5.7E-06	0.00195	0.01079		1.06E-02	0.001122	4.59E-06	0.00121	1.29E-02		0.01224	0.001134	3.4E-06	0.001335	0.014712
4324	498363.09	3856877.25	0.40024	0.83355	0.43772	0.65369		9.13E-03	0.00089	6.6E-06	0.00209	0.01212		1.21E-02	0.001174	5.36E-06	0.001298	1.46E-02		0.013994	0.001187	3.96E-06	0.001431	0.016617
4325	471363.09	3857377.25	0.45459	1.11874	0.55099	0.45683		1.04E-02	0.00119	8.3E-06	0.00146	0.01303		1.37E-02	0.001576	6.74E-06	0.000907	1.62E-02		0.015895	0.001593	4.98E-06	0.001	0.018493
4326	471863.09	3857377.25	0.45225	1.09782	0.5636	0.44262		1.03E-02	0.00117	8.5E-06	0.00142	0.01291		1.36E-02	0.001547	6.9E-06	0.000879	1.61E-02		0.015813	0.001563	5.1E-06	0.000969	0.018351
4327	472363.09	3857377.25	0.46614	1.07361	0.58505	0.45604		1.06E-02	0.00114	8.8E-06	0.00146	0.01325		1.41E-02	0.001513	7.16E-06	0.000905	1.65E-02		0.016299	0.001529	5.29E-06	0.000999	0.018831

4328	472863.09	3857377.25	0.48875	1.04933	0.61022	0.48301	1.12E-02	0.00112	9.2E-06	0.00154	0.01382	1.48E-02	0.001478	7.47E-06	0.000959	1.72E-02	0.017089	0.001494	5.52E-06	0.001058	0.019647
4329	473363.09	3857377.25	0.52313	1.17073	0.6415	0.53157	1.19E-02	0.00125	9.7E-06	0.0017	0.01489	1.58E-02	0.001649	7.85E-06	0.001055	1.85E-02	0.018291	0.001667	5.8E-06	0.001164	0.021128
4330	473863.09	3857377.25	0.56691	1.22111	0.67582	0.60225	1.29E-02	0.0013	1E-05	0.00193	0.01617	1.71E-02	0.00172	8.27E-06	0.001195	2.00E-02	0.019822	0.001739	6.11E-06	0.001319	0.022886
4331	474363.09	3857377.25	0.55751	1.13685	0.64011	0.47153	1.27E-02	0.00121	9.6E-06	0.00151	0.01545	1.68E-02	0.001602	7.83E-06	0.000936	1.94E-02	0.019493	0.001619	5.79E-06	0.001032	0.022151
4332	474863.09	3857377.25	0.44467	0.83575	0.54517	0.26167	1.01E-02	0.00089	8.2E-06	0.00084	0.01188	1.34E-02	0.001178	6.67E-06	0.000519	1.51E-02	0.015548	0.00119	4.93E-06	0.000573	0.017316
4333	475363.09	3857377.25	0.31364	0.66919	0.40073	0.2378	7.16E-03	0.00071	6E-06	0.00076	0.00864	9.47E-03	0.000943	4.9E-06	0.000472	1.09E-02	0.010966	0.000953	3.63E-06	0.000521	0.012444
4334	475863.09	3857377.25	0.29745	0.57908	0.37282	0.19178	6.79E-03	0.00062	5.6E-06	0.00061	0.00802	8.98E-03	0.000816	4.56E-06	0.000381	1.02E-02	0.0104	0.000825	3.37E-06	0.00042	0.011648
4335	476363.09	3857377.25	0.39631	0.82354	0.46505	0.23709	9.04E-03	0.00088	7E-06	0.00076	0.01069	1.20E-02	0.00116	5.69E-06	0.000471	1.36E-02	0.013857	0.001173	4.21E-06	0.000519	0.015553
4336	476863.09	3857377.25	0.44814	1.01056	0.49696	0.26879	1.02E-02	0.00108	7.5E-06	0.00086	0.01217	1.35E-02	0.001424	6.08E-06	0.000534	1.55E-02	0.015669	0.001439	4.5E-06	0.000589	0.017701
4337	477363.09	3857377.25	0.36442	0.78092	0.43498	0.30002	8.32E-03	0.00083	6.6E-06	0.00096	0.01011	1.10E-02	0.0011	5.32E-06	0.000596	1.27E-02	0.012742	0.001112	3.94E-06	0.000657	0.014515
4338	477863.09	3857377.25	0.30181	0.4031	0.41416	0.36092	6.89E-03	0.00043	6.2E-06	0.00115	0.00848	9.11E-03	0.000568	5.07E-06	0.000716	1.04E-02	0.010553	0.000574	3.75E-06	0.00079	0.011921
4339	478363.09	3857377.25	0.30207	0.34161	0.41623	0.40544	6.89E-03	0.00036	6.3E-06	0.0013	0.00856	9.12E-03	0.000481	5.09E-06	0.000805	1.04E-02	0.010562	0.000487	3.77E-06	0.000888	0.01194
4340	478863.09	3857377.25	0.30373	0.33483	0.41692	0.42449	6.93E-03	0.00036	6.3E-06	0.00136	0.00865	9.17E-03	0.000472	5.1E-06	0.000843	1.05E-02	0.01062	0.000477	3.77E-06	0.000929	0.01203
4341	479363.09	3857377.25	0.3122	0.44116	0.41849	0.4287	7.12E-03	0.00047	6.3E-06	0.00137	0.00897	9.42E-03	0.000622	5.12E-06	0.000851	1.09E-02	0.010916	0.000628	3.79E-06	0.000939	0.012487
4342	479863.09	3857377.25	0.79522	1.50298	1.02875	0.47452	1.81E-02	0.0016	1.6E-05	0.00152	0.02128	2.40E-02	0.002118	1.26E-05	0.000942	2.71E-02	0.027805	0.00214	9.31E-06	0.001039	0.030994
4343	480363.09	3857377.25	0.60176	1.04606	0.76094	0.42702	1.37E-02	0.00111	1.1E-05	0.00137	0.01622	1.82E-02	0.001474	9.31E-06	0.000848	2.05E-02	0.021041	0.00149	6.88E-06	0.000935	0.023472
4344	480863.09	3857377.25	2.20653	3.06331	2.7517	1.87264	5.04E-02	0.00326	4.1E-05	0.00599	0.05965	6.66E-02	0.004316	3.37E-05	0.003717	7.47E-02	0.077151	0.004363	2.49E-05	0.0041	0.085639
4345	481363.09	3857377.25	2.29721	3.57278	2.85313	1.84986	5.24E-02	0.00381	4.3E-05	0.00591	0.06219	6.93E-02	0.005034	3.49E-05	0.003672	7.81E-02	0.080322	0.005088	2.58E-05	0.004051	0.089486
4346	481863.09	3857377.25	2.5952	3.72409	3.07571	2.61773	5.92E-02	0.00397	4.6E-05	0.00837	0.07161	7.83E-02	0.005247	3.76E-05	0.005196	8.88E-02	0.090741	0.005304	2.78E-05	0.005732	0.101804
4347	482363.09	3857377.25	2.58319	5.07197	3.07076	3.81984	5.90E-02	0.0054	4.6E-05	0.01221	0.07661	7.80E-02	0.007146	3.76E-05	0.007582	9.27E-02	0.090321	0.007223	2.78E-05	0.008364	0.105936
4348	482863.09	3857377.25	2.67943	5.21459	3.24581	4.18123	6.11E-02	0.00556	4.9E-05	0.01337	0.08012	8.09E-02	0.007347	3.97E-05	0.008299	9.66E-02	0.093686	0.007426	2.94E-05	0.009155	0.110297
4349	483363.09	3857377.25	2.92013	6.27942	3.62519	4.73126	6.66E-02	0.00669	5.5E-05	0.01513	0.08851	8.81E-02	0.008847	4.44E-05	0.009391	1.06E-01	0.102102	0.008943	3.28E-05	0.01036	0.121438
4350	483863.09	3857377.25	3.23177	5.31234	4.30462	5.47209	7.38E-02	0.00566	6.5E-05	0.01749	0.09697	9.75E-02	0.007485	5.27E-05	0.010862	1.16E-01	0.112999	0.007566	3.89E-05	0.011982	0.132585
4351	484363.09	3857377.25	3.58891	5.73931	4.7824	6.41004	8.19E-02	0.00611	7.2E-05	0.02049	0.10858	1.08E-01	0.008086	5.85E-05	0.012723	1.29E-01	0.125486	0.008174	4.33E-05	0.014036	0.147739
4352	484863.09	3857377.25	4.03833	7.48472	5.39109	7.52967	9.22E-02	0.00797	8.1E-05	0.02407	0.12429	1.22E-01	0.010545	6.6E-05	0.014946	1.47E-01	0.1412	0.010659	4.88E-05	0.016487	0.168396
4353	485363.09	3857377.25	4.79726	10.25477	6.15746	9.11231	1.09E-01	0.01092	9.3E-05	0.02913	0.14963	1.45E-01	0.014448	7.54E-05	0.018087	1.77E-01	0.167736	0.014604	5.57E-05	0.019953	0.202349
4354	485863.09	3857377.25	6.40134	15.23638	8.74188	11.46028	1.46E-01	0.01623	0.00013	0.03664	0.19909	1.93E-01	0.021467	0.000107	0.022747	2.38E-01	0.223822	0.021699	7.91E-05	0.025094	0.270695
4355	486363.09	3857377.25	9.13566	27.17186	12.7205	14.88546	2.08E-01	0.02895	0.00019	0.04759	0.28521	2.76E-01	0.038283	0.000156	0.029546	3.44E-01	0.319428	0.038697	0.000115	0.032594	0.390834
4356	486863.09	3857377.25	20.10267	96.82332	20.38467	11.39581	4.59E-01	0.10315	0.00031	0.03643	0.59865	6.07E-01	0.136418	0.000249	0.022619	7.66E-01	0.702889	0.137891	0.000184	0.024953	0.865917
4357	487363.09	3857377.25	16.45694	98.21173	26.31047	20.557	3.76E-01	0.10463	0.0004	0.06572	0.54631	4.97E-01	0.138374	0.000322	0.040804	6.76E-01	0.575416	0.139868	0.000238	0.045013	0.760535
4358	487863.09	3857377.25	8.89548	50.24111	12.97968	11.99532	2.03E-01	0.05352	0.0002	0.03835	0.29507	2.68E-01	0.070787	0.000159	0.023809	3.63E-01	0.31103	0.071551	0.000117	0.026266	0.408964
4359	488363.09	3857377.25	6.38787	27.75826	7.5942	10.93752	1.46E-01	0.02957	0.00011	0.03497	0.21043	1.93E-01	0.03911	9.29E-05	0.02171	2.54E-01	0.223352	0.039532	6.87E-05	0.02395	0.286902
4360	488863.09	3857377.25	5.03724	18.67442	6.34427	9.62603	1.15E-01	0.01989	9.6E-05	0.03077	0.16572	1.52E-01	0.026311	7.76E-05	0.019107	1.98E-01	0.176127	0.026595	5.74E-05	0.021078	0.223857
4361	489363.09	3857377.25	4.40601	14.02549	5.44465	8.17311	1.01E-01	0.01494	8.2E-05	0.02613	0.1417	1.33E-01	0.019761	6.66E-05	0.016223	1.69E-01	0.154056	0.019974	4.93E-05	0.017896	0.191976
4362	489863.09	3857377.25	3.94943	11.29186	4.73361	6.04701	9.01E-02	0.01203	7.1E-05	0.01933	0.12156	1.19E-01	0.01591	5.79E-05	0.012003	1.47E-01	0.138092	0.016081	4.28E-05	0.013241	0.167457
4363	490363.09	3857377.25	3.49643	9.24642	4.12654	4.91547	7.98E-02	0.00985	6.2E-05	0.01571	0.10542	1.06E-01	0.013028	5.05E-05	0.009757	1.28E-01	0.122252	0.013168	3.73E-05	0.010763	0.146221
4364	490863.09	3857377.25	3.04406	7.66707	3.75879	4.03787	6.95E-02	0.00817	5.7E-05	0.01291	0.0906	9.19E-02	0.010802	4.6E-05	0.008015	1.11E-01	0.106435	0.010919	3.4E-05	0.008842	0.12623
4365	491363.09	3857377.25	2.7162	6.44096	3.44217	3.33605	6.20E-02	0.00686	5.2E-05	0.01067	0.07957	8.20E-02	0.009075	4.21E-05	0.006622	9.77E-02	0.094972	0.009173	3.11E-05	0.007305	0.111481
4366	491863.09	3857377.25	2.58068	5.9323	3.23162	2.53428	5.89E-02	0.00632	4.9E-05	0.0081	0.07336	7.79E-02	0.008358	3.96E-05	0.00503	9.13E-02	0.090233	0.008448	2.92E-05	0.005549	0.10426
4367	492363.09	3857377.25	1.86434	3.82333	2.39323	1.31026	4.25E-02	0.00407	3.6E-05	0.00419	0.05084	5.63E-02	0.005387	2.93E-05	0.002601	6.43E-02	0.065187	0.005445	2.17E-05	0.002869	0.073522
4368	492863.09	3857377.25	0.92956	1.49346	1.26524	0.84627	2.12E-02	0.00159	1.9E-05	0.00271	0.02553	2.81E-02	0.002104	1.55E-05	0.00168	3.19E-02	0.032502	0.002127	1.14E-05	0.001853	0.036493
4369	493363.09	3857377.25	0.45666	0.92327	0.64886	0.67065	1.04E-02	0.00098	9.8E-06	0.00214	0.01356	1.38E-02	0.001301	7.94E-06	0.001331	1.64E-02	0.015967	0.001315	5.87E-06	0.001468	0.018756
4370	493863.09	3857377.25	0.38753	0.76301	0.53777	0.60222	8.84E-03	0.00081	8.1E-06	0.00193	0.01159	1.17E-02	0.001075	6.58E-06	0.001195	1.40E-02	0.01355	0.001087	4.87E-06	0.001319	0.01596
4371	494363.09	3857377.25	0.32735	0.63145	0.43038	0.53504	7.47E-03	0.00067	6.5E-06	0.00171	0.00986	9.88E-03	0.00089	5.27E-06	0.001062	1.18E-02	0.011446	0.000899	3.89E-06	0.001172	0.013521
4372	494863.09	3857377.25	0.29062	0.56376	0.38337	0.50503	6.63E-03	0.0006	5.8E-06	0.00161	0.00885	8.77E-03	0.000794	4.69E-06	0.001002	1.06E-02	0.010162	0.000803	3.47E-06	0.001106	0.012074
4373	495363.09	3857377.25	0.26567	0.50934	0.34533	0.47954	6.06E-03	0.00054	5.2E-06	0.00153	0.00814	8.02E-03	0.000718	4.23E-06	0.000952	9.69E-03	0.009289	0.000725	3.12E-06	0.00105	0.011068
4374	495863.09	3857377.25	0.25808	0.48512	0.33512	0.47032	5.89E-03	0.00052	5.1E-06	0.0015	0.00792	7.79E-03	0.000684	4.1E-06	0.000934	9.41E-03	0.009024	0.000691	3.03E-06	0.00103	0.010748
4375	496363.09	3857377.25	0.26013	0.46729	0.3347	0.46453	5.94E-03	0.0005	5E-06	0.00149	0.00792	7.85E-03	0.000658	4.1E-06	0.000922	9.44E-03	0.009095	0.000665	3.03E-06	0.001017	0.010781
4376	496863.09	3857377.25	0.2745	0.45674	0.35397	0.4628	6.26E-03	0.00049	5.3E-06	0.00148	0.00824	8.28E-03	0.000644	4.33E-06	0.000919	9.85E-03	0.009598	0.00065	3.2E-06	0.001013	0.011265
4377	497363.09	3857377.25	0.2908	0.45299	0.36615	0.47253	6.64E-03	0.00048	5.5E-06	0.00151	0.00864	8.78E-03	0.000638	4.48E-06	0.000938	1.04E-02	0.010168	0.000645	3.31E-06	0.001035	0.011851
4378	497863.09	3857377.25	0.31911	0.46324	0.41035	0.49377	7.28E-03	0.00049	6.2E-06	0.00158	0.00936	9.63E-03	0.000653	5.02E-06	0.00098	1.13E-02	0.011158	0.00066	3.71E-06	0.001081	0.012902
4379	498363.09	3857377.25	0.4674	0.72358	0.52042	0.55817	1.07E-02	0.00077	7.8E-06	0.00178	0.01323	1.41E-02	0.001019	6.37E-06	0.001108	1.62E-02	0.016343	0.00103	4.71E-06	0.001222	0.0186
4380	471363.09	3857877.25	0.44497	0.9623	0.56442	0.40543	1.02E-02	0.00103	8.5E-06	0.0013	0.01248	1.34E-02	0.001356	6.91E-06	0.000805	1.56E-02	0.015558	0.00137	5.11E-06	0.000888	0.017822
4381	471863.09	3857877.25	0.46615	0.92548	0.57157	0.40021	1.06E-02	0.00099	8.6E-06	0.00128	0.01291	1.41E-02	0.001304	7E-06	0.000794	1.62E-02	0.016299	0.001318	5.17E-06	0.000876	0.018498
4382	472363.09	3857877.25	0.49936	0.79576	0.58491	0.40772	1.14E-02	0.00085	8.8E-06	0.0013	0.01356	1.51E-02	0.001121	7.16E-06	0.000809	1.70E-02	0.01746	0.001133	5.29E-06	0.000893	0.019491
4383	472863.09	3857877.25	0.54955	0.86963	0.60717	0.44535	1.25E-02	0.00093	9.2E-06	0.00142	0.0149	1.66E-02	0.001225	7.43E-06	0.000884	1.87E-02	0.019215	0.001238	5.49E-06	0.000975	0.021434
4384	473363.09	3857877.25	0.59479	1.03234	0.63918	0.45528	1.36E-02	0.0011	9.6E-06	0.00146	0.01614	1.80E-02	0.001455	7.82E-06	0.000904	2.03E-02	0.020797	0.00147	5.78E-06	0.000997	0.02327
4385	473863.09	3857877.25	0.6483	1.09405	0.70578	0.48956	1.48E-02	0.00117	1.1E-05	0.00157	0.01754	1.96E-02	0.001541	8.64E-06	0.000972	2.21E-02	0.022668	0.001558	6.38E-06	0.001072	0.025304
4386	474363.09	3857877.25	0.64903	1.06476	0.73064	0.39295	1.48E-02	0.00113	1.1E-05	0.00126	0.01721	1.96E-02	0.0015	8.94E-06	0.00078	2.19E-02	0.022693	0.001516	6.61E-06	0.00086	0.025077
4387	474863.09	3857877.25	0.50443	0.99763	0.60499	0.29453	1.15E-02	0.00106	9.1E-06	0.00094	0.01353	1.52E-02	0.001406	7.4E-06	0.000585	1.72E-02	0.017637	0.001421	5.47E-06	0.000645	0.019709
4388	475363.09	3857877.25	0.28227	0.44682	0.35711	0.26209	6.44E-03	0.00048	5.4E-06	0.00084	0.00776	8.52E-03	0.00063	4.37E-06	0.00052	9.67E-03	0.00987	0.000636	3.23E-06	0.000574	0.011083

4389	475863.09	3857877.25	0.28209	0.31831	0.37548	0.24359		6.44E-03	0.00034	5.7E-06	0.00078	0.00756		8.51E-03	0.000448	4.6E-06	0.000484	9.45E-03		0.009863	0.000453	3.4E-06	0.000533	0.010853							
4390	476363.09	3857877.25	0.28303	0.36225	0.38286	0.36495		6.46E-03	0.00039	5.8E-06	0.00117	0.00802		8.54E-03	0.00051	4.69E-06	0.000724	9.78E-03		0.009896	0.000516	3.46E-06	0.000799	0.011215							
4391	476863.09	3857877.25	0.33506	0.53408	0.444	0.39836		7.65E-03	0.00057	6.7E-06	0.00127	0.0095		1.01E-02	0.000752	5.43E-06	0.000791	1.17E-02		0.011715	0.000761	4.02E-06	0.000872	0.013352							
4392	477363.09	3857877.25	0.30468	0.61871	0.4325	0.41249		6.95E-03	0.00066	6.5E-06	0.00132	0.00894		9.20E-03	0.000872	5.29E-06	0.000819	1.09E-02		0.010653	0.000881	3.91E-06	0.000903	0.012441							
4393	477863.09	3857877.25	0.2822	0.56715	0.38882	0.41475		6.44E-03	0.0006	5.9E-06	0.00133	0.00838		8.52E-03	0.000799	4.76E-06	0.000823	1.01E-02		0.009867	0.000808	3.52E-06	0.000908	0.011586							
4394	478363.09	3857877.25	0.28231	0.31904	0.37633	0.41196		6.44E-03	0.00034	5.7E-06	0.00132	0.00811		8.52E-03	0.00045	4.61E-06	0.000818	9.79E-03		0.009871	0.000454	3.4E-06	0.000902	0.011231							
4395	478863.09	3857877.25	0.28638	0.29308	0.37287	0.40909		6.54E-03	0.00031	5.6E-06	0.00131	0.00816		8.64E-03	0.000413	4.56E-06	0.000812	9.87E-03		0.010013	0.000417	3.37E-06	0.000896	0.01133							
4396	479363.09	3857877.25	0.69154	1.29661	0.90179	0.41172		1.58E-02	0.00138	1.4E-05	0.00132	0.01849		2.09E-02	0.001827	1.1E-05	0.000817	2.35E-02		0.02418	0.001847	8.16E-06	0.000902	0.026936							
4397	479863.09	3857877.25	1.51826	2.51288	1.82949	1.11379		3.46E-02	0.00268	2.8E-05	0.00356	0.04091		4.58E-02	0.00354	2.24E-05	0.002211	5.16E-02		0.053086	0.003579	1.66E-05	0.002439	0.05912							
4398	480363.09	3857877.25	1.75413	3.67251	2.0467	1.66062		4.00E-02	0.00391	3.1E-05	0.00531	0.04928		5.29E-02	0.005174	2.5E-05	0.003296	6.14E-02		0.061333	0.00523	1.85E-05	0.003636	0.070218							
4399	480863.09	3857877.25	1.8474	4.21994	2.15552	1.77615		4.22E-02	0.0045	3.2E-05	0.00568	0.05237		5.58E-02	0.005946	2.64E-05	0.003525	6.53E-02		0.064594	0.00601	1.95E-05	0.003889	0.074513							
4400	481363.09	3857877.25	1.98857	2.96224	2.40231	1.90187		4.54E-02	0.00316	3.6E-05	0.00608	0.05465		6.00E-02	0.004174	2.94E-05	0.003775	6.80E-02		0.06953	0.004219	2.17E-05	0.004164	0.077935							
4401	481863.09	3857877.25	2.17565	3.79546	2.58965	2.22222		4.97E-02	0.00404	3.9E-05	0.0071	0.06084		6.57E-02	0.005348	3.17E-05	0.004411	7.55E-02		0.076071	0.005405	2.34E-05	0.004866	0.086366							
4402	482363.09	3857877.25	2.23799	3.57982	2.9211	3.02061		5.11E-02	0.00381	4.4E-05	0.00966	0.06459		6.75E-02	0.005044	3.58E-05	0.005996	7.86E-02		0.078251	0.005098	2.64E-05	0.006614	0.08999							
4403	482863.09	3857877.25	2.26894	4.3226	3.06528	3.51963		5.18E-02	0.00461	4.6E-05	0.01125	0.06768		6.85E-02	0.00609	3.75E-05	0.006986	8.16E-02		0.079333	0.006156	2.77E-05	0.007707	0.093224							
4404	483363.09	3857877.25	2.62182	4.72664	3.44605	3.76544		5.98E-02	0.00504	5.2E-05	0.01204	0.07696		7.91E-02	0.00666	4.22E-05	0.007474	9.33E-02		0.091672	0.006731	3.12E-05	0.008245	0.106679							
4405	483863.09	3857877.25	2.85823	4.08501	3.89881	4.57367		6.52E-02	0.00435	5.9E-05	0.01462	0.08426		8.63E-02	0.005756	4.77E-05	0.009078	1.01E-01		0.099938	0.005818	3.53E-05	0.010015	0.115806							
4406	484363.09	3857877.25	3.05736	4.54778	4.20651	5.09096		6.98E-02	0.00484	6.3E-05	0.01628	0.09096		9.23E-02	0.006408	5.15E-05	0.010105	1.09E-01		0.1069	0.006477	3.81E-05	0.011148	0.124563							
4407	484863.09	3857877.25	3.27539	5.52703	4.46078	5.54119		7.47E-02	0.00589	6.7E-05	0.01772	0.09842		9.89E-02	0.007787	5.46E-05	0.010999	1.18E-01		0.114524	0.007871	4.04E-05	0.012133	0.134569							
4408	485363.09	3857877.25	3.71982	7.8494	4.5766	6.19238		8.49E-02	0.00836	6.9E-05	0.0198	0.11312		1.12E-01	0.011059	5.6E-05	0.012291	1.36E-01		0.130063	0.011179	4.14E-05	0.013559	0.154843							
4409	485863.09	3857877.25	4.69611	11.93732	6.08757	7.27085		1.07E-01	0.01272	9.2E-05	0.02325	0.14322		1.42E-01	0.016819	7.45E-05	0.014432	1.73E-01		0.164199	0.017	5.51E-05	0.015921	0.197176							
4410	486363.09	3857877.25	5.59135	15.81013	6.56452	10.1982		1.28E-01	0.01684	9.9E-05	0.0326	0.17715		1.69E-01	0.022275	8.03E-05	0.020242	2.11E-01		0.195501	0.022516	5.94E-05	0.022331	0.240407							
4411	486863.09	3857877.25	7.17755	27.91753	7.58034	13.69593		1.64E-01	0.02974	0.00011	0.04379	0.23744		2.17E-01	0.039334	9.28E-05	0.027185	2.83E-01		0.250963	0.039759	6.86E-05	0.02999	0.320779							
4412	487363.09	3857877.25	12.80138	33.21332	10.53507	25.47064		2.92E-01	0.03538	0.00016	0.08143	0.40911		3.86E-01	0.046795	0.000129	0.050557	4.84E-01		0.4476	0.047301	9.53E-05	0.055772	0.550768							
4413	487863.09	3857877.25	14.86888	29.19491	11.83185	43.23292		3.39E-01	0.0311	0.00018	0.13822	0.50882		4.49E-01	0.041134	0.000145	0.085813	5.76E-01		0.51989	0.041578	0.000107	0.094666	0.65624							
4414	488363.09	3857877.25	6.18684	17.42735	9.18614	18.18726		1.41E-01	0.01857	0.00014	0.05815	0.21804		1.87E-01	0.024554	0.000112	0.0361	2.47E-01		0.216323	0.024819	8.31E-05	0.039824	0.281049							
4415	488863.09	3857877.25	5.15217	10.28851	7.56886	10.91322		1.18E-01	0.01096	0.00011	0.03489	0.16354		1.55E-01	0.014496	9.26E-05	0.021662	1.92E-01		0.180145	0.014652	6.85E-05	0.023896	0.218762							
4416	489363.09	3857877.25	4.19721	10.73666	5.3706	7.75116		9.58E-02	0.01144	8.1E-05	0.02478	0.13208		1.27E-01	0.015127	6.57E-05	0.015385	1.57E-01		0.146755	0.015291	4.86E-05	0.016972	0.179067							
4417	489863.09	3857877.25	3.50261	9.26823	3.97454	6.05713		7.99E-02	0.00987	6E-05	0.01936	0.10923		1.06E-01	0.013058	4.86E-05	0.012023	1.31E-01		0.122469	0.013199	3.6E-05	0.013263	0.148967							
4418	490363.09	3857877.25	3.13089	7.15923	3.59211	5.16509		7.14E-02	0.00763	5.4E-05	0.01651	0.09564		9.45E-02	0.010087	4.4E-05	0.010252	1.15E-01		0.109471	0.010196	3.25E-05	0.01131	0.13101							
4419	490863.09	3857877.25	2.83076	6.69755	3.2752	4.48991		6.46E-02	0.00714	4.9E-05	0.01435	0.08614		8.54E-02	0.009436	4.01E-05	0.008912	1.04E-01		0.098977	0.009538	2.96E-05	0.009831	0.118377							
4420	491363.09	3857877.25	2.68203	6.42596	3.06248	3.39663		6.12E-02	0.00685	4.6E-05	0.01086	0.07896		8.09E-02	0.009054	3.75E-05	0.006742	9.68E-02		0.093777	0.009152	2.77E-05	0.007437	0.110394							
4421	491863.09	3857877.25	2.31154	5.5728	3.03765	2.03839		5.28E-02	0.00594	4.6E-05	0.00652	0.06525		6.98E-02	0.007852	3.72E-05	0.004046	8.17E-02		0.080823	0.007936	2.75E-05	0.004463	0.09325							
4422	492363.09	3857877.25	1.46196	2.8199	1.99794	0.9075		3.34E-02	0.003	3E-05	0.0029	0.0393		4.41E-02	0.003973	2.45E-05	0.001801	4.99E-02		0.051117	0.004016	1.81E-05	0.001987	0.057138							
4423	492863.09	3857877.25	0.66169	1.32048	0.85655	0.59764		1.51E-02	0.00141	1.3E-05	0.00191	0.01843		2.00E-02	0.00186	1.05E-05	0.001186	2.30E-02		0.023136	0.001881	7.75E-06	0.001309	0.026333							
4424	493363.09	3857877.25	0.51423	0.96924	0.55547	0.50843		1.17E-02	0.00103	8.4E-06	0.00163	0.0144		1.55E-02	0.001366	6.8E-06	0.001009	1.79E-02		0.01798	0.00138	5.03E-06	0.001113	0.020479							
4425	493863.09	3857877.25	0.43027	0.79569	0.51876	0.46385		9.82E-03	0.00085	7.8E-06	0.00148	0.01216		1.30E-02	0.001121	6.35E-06	0.000921	1.50E-02		0.015044	0.001133	4.69E-06	0.001016	0.017198							
4426	494363.09	3857877.25	0.37177	0.64982	0.49364	0.4406		8.48E-03	0.00069	7.4E-06	0.00141	0.01059		1.12E-02	0.000916	6.04E-06	0.000875	1.30E-02		0.012999	0.000925	4.47E-06	0.000965	0.014894							
4427	494863.09	3857877.25	0.33628	0.49055	0.43968	0.40677		7.67E-03	0.00052	6.6E-06	0.0013	0.0095		1.01E-02	0.000691	5.38E-06	0.000807	1.17E-02		0.011758	0.000699	3.98E-06	0.000891	0.013351							
4428	495363.09	3857877.25	0.32793	0.46507	0.4241	0.39026		7.48E-03	0.0005	6.4E-06	0.00125	0.00923		9.90E-03	0.000655	5.19E-06	0.000775	1.13E-02		0.011466	0.000662	3.84E-06	0.000855	0.012987							
4429	495863.09	3857877.25	0.3186	0.44328	0.40821	0.37564		7.27E-03	0.00047	6.2E-06	0.0012	0.00895		9.62E-03	0.000625	5E-06	0.000746	1.10E-02		0.01114	0.000631	3.69E-06	0.000823	0.012597							
4430	496363.09	3857877.25	0.32172	0.46175	0.41187	0.37258		7.34E-03	0.00049	6.2E-06	0.00119	0.00903		9.71E-03	0.000651	5.04E-06	0.00074	1.11E-02		0.011249	0.000658	3.73E-06	0.000816	0.012726							
4431	496863.09	3857877.25	0.32644	0.48397	0.41649	0.37145		7.45E-03	0.00052	6.3E-06	0.00119	0.00916		9.85E-03	0.000682	5.1E-06	0.000737	1.13E-02		0.011414	0.000689	3.77E-06	0.000813	0.01292							
4432	497363.09	3857877.25	0.3263	0.49598	0.41801	0.36848		7.45E-03	0.00053	6.3E-06	0.00118	0.00916		9.85E-03	0.000699	5.12E-06	0.000731	1.13E-02		0.011409	0.000706	3.78E-06	0.000807	0.012926							
4433	497863.09	3857877.25	0.43534	0.68478	0.48871	0.39929		9.93E-03	0.00073	7.4E-06	0.00128	0.01195		1.31E-02	0.000965	5.98E-06	0.000793	1.49E-02		0.015222	0.000975	4.42E-06	0.000874	0.017076							
4434	498363.09	3857877.25	0.5745	0.85343	0.71818	0.43771		1.31E-02	0.00091	1.1E-05	0.0014	0.01543		1.73E-02	0.001202	8.79E-06	0.000869	1.94E-02		0.020087	0.001215	6.5E-06	0.000958	0.022268							
4435	471363.09	3858377.25	0.50525	0.83661	0.55651	0.4111		1.15E-02	0.00089	8.4E-06	0.00131	0.01374		1.52E-02	0.001179	6.81E-06	0.000816	1.73E-02		0.017666	0.001191	5.03E-06	0.0009	0.019763							
4436	471863.09	3858377.25	0.53769	0.88539	0.59033	0.40355		1.23E-02	0.00094	8.9E-06	0.00129	0.01451		1.62E-02	0.001247	7.23E-06	0.000801	1.83E-02		0.0188	0.001261	5.34E-06	0.000884	0.02095							
4437	472363.09	3858377.25	0.57015	0.97844	0.63931	0.409		1.30E-02	0.00104	9.6E-06	0.00131	0.01537		1.72E-02	0.001379	7.82E-06	0.000812	1.94E-02		0.019935	0.001393	5.78E-06	0.000896	0.02223							
4438	472863.09	3858377.25	0.6062	0.99738	0.70909	0.43847		1.38E-02	0.00106	1.1E-05	0.0014	0.01631		1.83E-02	0.001405	8.68E-06	0.00087	2.06E-02		0.021196	0.00142	6.41E-06	0.00096	0.023583							
4439	473363.09	3858377.25	0.64597	1.24666	0.78579	0.49368		1.47E-02	0.00133	1.2E-05	0.00158	0.01766		1.95E-02	0.001756	9.62E-06	0.00098	2.22E-02		0.022586	0.001775	7.11E-06	0.001081	0.02545							
4440	473863.09	3858377.25	0.66505	1.40066	0.8433	0.49989		1.52E-02	0.00149	1.3E-05	0.0016	0.01828		2.01E-02	0.001973	1.03E-05	0.000992	2.32E-02		0.023253	0.001995	7.63E-06	0.001095	0.02635							
4441	474363.09	3858377.25	0.62015	1.30804	0.81109	0.41617		1.42E-02	0.00139	1.2E-05	0.00133	0.01689		1.87E-02	0.001843	9.93E-06	0.000826	2.14E-02		0.021684	0.001863	7.34E-06	0.000911	0.024465							
4442	474863.09	3858377.25	0.50344	0.89722	0.66163	0.36303		1.15E-02	0.00096	1E-05	0.00116	0.01362		1.52E-02	0.001264	8.1E-06	0.000721	1.72E-02		0.017603	0.001278	5.99E-06	0.000795	0.019681							
4443	475363.09	3858377.25	0.31036	0.46291	0.40473	0.38714		7.08E-03	0.00049	6.1E-06	0.00124	0.00882		9.37E-03	0.000652	4.95E-06	0.000768	1.08E-02		0.010852	0.000659	3.66E-06	0.000848	0.012362							
4444	475863.09	3858377.25	0.26131	0.29769	0.33849	0.39684		5.96E-03	0.00032	5.1E-06	0.00127	0.00755		7.89E-03	0.000419	4.14E-06	0.000788	9.10E-03		0.009137	0.000424	3.06E-06	0.000869	0.010433							
4445	476363.09	3858377.25	0.26041	0.33579	0.33456	0.3981		5.94E-03	0.00036	5E-06	0.00127	0.00758		7.86E-03	0.000473	4.09E-06	0.00079	9.13E-03		0.009105	0.000478	3.03E-06	0.000872	0.010458							
4446	476863.09	3858377.25	0.25942	0.32682	0.33025	0.39578		5.92E-03	0.00035	5E-06	0.00127	0.00754		7.83E-03	0.00046	4.04E-06	0.000786	9.08E-03		0.009071	0.000465	2.99E-06	0.000867	0.010406							
4447	477363.09	3858377.25	0.25833	0.37209	0.32557	0.3925		5.90E-03	0.0004	4.9E-06	0.00125	0.00755		7.80E-03	0.000524	3.98E-06	0.000779	9.10E-03		0.009032	0.00053	2.95E-06	0.000859	0.010425							
4448	477863.09	3858377.25	0.30101	0.61313	0.36728	0.3894		6.87E-03	0.00065	5.5E-06	0.00124	0.00877		9.08E-03	0.000864	4.5E-06	0.000773	1.07E-02		0.010525	0.000873	3.32E-06	0.000853	0.012254							
4449	478363.09	3858377.25	0.34305	0.76864	0.38016	0.38591		7.83E-03	0.00082	5.7E-06	0.00123	0.00989		1.04E-02	0.001083	4.65E-06	0.000766	1.22E-02		0.011995	0.001095	3.44E-06	0.000845	0.013938							

4450	478863.09	3858377.25	0.26355	0.49999	0.31031	0.38169	6.01E-03	0.00053	4.7E-06	0.00122	0.00777	7.95E-03	0.000704	3.8E-06	0.000758	9.42E-03	0.009215	0.000712	2.81E-06	0.000836	0.010766
4451	479363.09	3858377.25	0.78897	1.40359	0.8562	0.43607	1.80E-02	0.0015	1.3E-05	0.00139	0.02091	2.38E-02	0.001978	1.05E-05	0.000866	2.67E-02	0.027586	0.001999	7.75E-06	0.000955	0.030548
4452	479863.09	3858377.25	1.37711	3.02787	1.67466	1.04247	3.14E-02	0.00323	2.5E-05	0.00333	0.03801	4.16E-02	0.004266	2.05E-05	0.002069	4.79E-02	0.048151	0.004312	1.52E-05	0.002283	0.054761
4453	480363.09	3858377.25	1.50278	2.72296	1.84338	1.33631	3.43E-02	0.0029	2.8E-05	0.00427	0.0415	4.54E-02	0.003836	2.26E-05	0.002652	5.19E-02	0.052545	0.003878	1.67E-05	0.002926	0.059365
4454	480863.09	3858377.25	1.57894	2.52941	2.06203	1.35548	3.60E-02	0.00269	3.1E-05	0.00433	0.04309	4.77E-02	0.003564	2.52E-05	0.00269	5.39E-02	0.055208	0.003602	1.87E-05	0.002968	0.061797
4455	481363.09	3858377.25	1.67209	3.78166	2.09469	1.68328	3.82E-02	0.00403	3.2E-05	0.00538	0.0476	5.05E-02	0.005328	2.56E-05	0.003341	5.92E-02	0.058465	0.005386	1.9E-05	0.003686	0.067555
4456	481863.09	3858377.25	1.8309	3.45243	2.21152	1.76262	4.18E-02	0.00368	3.3E-05	0.00564	0.05113	5.53E-02	0.004864	2.71E-05	0.003499	6.36E-02	0.064017	0.004917	2E-05	0.00386	0.072814
4457	482363.09	3858377.25	2.01822	3.58441	2.62839	2.01276	4.61E-02	0.00382	4E-05	0.00643	0.05635	6.09E-02	0.00505	3.22E-05	0.003995	7.00E-02	0.070567	0.005105	2.38E-05	0.004407	0.080103
4458	482863.09	3858377.25	2.33974	3.63207	2.9123	2.80683	5.34E-02	0.00387	4.4E-05	0.00897	0.06628	7.06E-02	0.005117	3.56E-05	0.005571	8.13E-02	0.081809	0.005173	2.63E-05	0.006146	0.093154
4459	483363.09	3858377.25	2.40105	4.55159	3.22474	3.2951	5.48E-02	0.00485	4.9E-05	0.01053	0.07023	7.25E-02	0.006413	3.95E-05	0.00654	8.55E-02	0.083953	0.006482	2.92E-05	0.007215	0.097679
4460	483863.09	3858377.25	2.47122	4.95485	3.2114	4.2267	5.64E-02	0.00528	4.8E-05	0.01351	0.07524	7.46E-02	0.006981	3.93E-05	0.00839	9.00E-02	0.086406	0.007056	2.91E-05	0.009255	0.102747
4461	484363.09	3858377.25	2.66243	4.80345	3.363	4.515	6.08E-02	0.00512	5.1E-05	0.01443	0.08036	8.04E-02	0.006768	4.12E-05	0.008962	9.61E-02	0.093092	0.006841	3.04E-05	0.009886	0.109849
4462	484863.09	3858377.25	2.87308	7.09995	3.62839	4.83305	6.56E-02	0.00756	5.5E-05	0.01545	0.08864	8.67E-02	0.010003	4.44E-05	0.009593	1.06E-01	0.100457	0.010111	3.28E-05	0.010583	0.121184
4463	485363.09	3858377.25	2.94502	6.079	3.65758	5.21149	6.72E-02	0.00648	5.5E-05	0.01666	0.0904	8.89E-02	0.008565	4.48E-05	0.010344	1.08E-01	0.102972	0.008657	3.31E-05	0.011411	0.123074
4464	485863.09	3858377.25	3.58787	7.65954	3.84328	5.7436	8.19E-02	0.00816	5.8E-05	0.01836	0.10846	1.08E-01	0.010792	4.7E-05	0.0114	1.31E-01	0.12545	0.010908	3.48E-05	0.012577	0.148969
4465	486363.09	3858377.25	4.46674	10.34051	5.12825	7.75812	1.02E-01	0.01102	7.7E-05	0.0248	0.13783	1.35E-01	0.014569	6.28E-05	0.015399	1.65E-01	0.156179	0.014726	4.64E-05	0.016988	0.18794
4466	486863.09	3858377.25	4.92669	12.91588	5.29081	9.47807	1.12E-01	0.01376	8E-05	0.0303	0.15657	1.49E-01	0.018198	6.48E-05	0.018813	1.86E-01	0.172261	0.018394	4.79E-05	0.020754	0.211457
4467	487363.09	3858377.25	5.12312	14.54715	5.13138	11.59015	1.17E-01	0.0155	7.7E-05	0.03705	0.16954	1.55E-01	0.020496	6.28E-05	0.023005	1.98E-01	0.17913	0.020717	4.64E-05	0.025379	0.225272
4468	487863.09	3858377.25	9.26597	13.4711	6.18022	12.87866	2.11E-01	0.01435	9.3E-05	0.04117	0.26707	2.80E-01	0.01898	7.56E-05	0.025563	3.24E-01	0.323984	0.019185	5.59E-05	0.0282	0.371425
4469	488363.09	3858377.25	9.774	13.65034	6.99091	24.32629	2.23E-01	0.01454	0.00011	0.07777	0.31547	2.95E-01	0.019232	8.56E-05	0.048285	3.63E-01	0.341747	0.01944	6.32E-05	0.053266	0.414517
4470	488863.09	3858377.25	5.06992	9.10319	5.34915	12.0592	1.16E-01	0.0097	8.1E-05	0.03855	0.16403	1.53E-01	0.012826	6.55E-05	0.023936	1.90E-01	0.177269	0.012964	4.84E-05	0.026406	0.216688
4471	489363.09	3858377.25	4.59784	8.94967	5.34699	8.99777	1.05E-01	0.00953	8.1E-05	0.02877	0.14331	1.39E-01	0.01261	6.54E-05	0.01786	1.69E-01	0.160763	0.012746	4.84E-05	0.019702	0.193259
4472	489863.09	3858377.25	3.95303	6.23401	5.27611	6.13622	9.02E-02	0.00664	8E-05	0.01962	0.11655	1.19E-01	0.008783	6.46E-05	0.01218	1.40E-01	0.138217	0.008878	4.77E-05	0.013436	0.16058
4473	490363.09	3858377.25	3.22609	4.67903	4.2241	4.85405	7.36E-02	0.00498	6.4E-05	0.01552	0.09419	9.74E-02	0.006592	5.17E-05	0.009635	1.14E-01	0.1128	0.006664	3.82E-05	0.010629	0.130131
4474	490863.09	3858377.25	2.78741	4.32422	3.36137	3.9611	6.36E-02	0.00461	5.1E-05	0.01266	0.08093	8.41E-02	0.006093	4.11E-05	0.007862	9.81E-02	0.097462	0.006158	3.04E-05	0.008673	0.112324
4475	491363.09	3858377.25	2.49412	4.97131	2.84939	3.05489	5.69E-02	0.0053	4.3E-05	0.00977	0.07202	7.53E-02	0.007004	3.49E-05	0.006064	8.84E-02	0.087207	0.00708	2.58E-05	0.006689	0.101002
4476	491863.09	3858377.25	2.08906	5.0181	2.5312	1.68719	4.77E-02	0.00535	3.8E-05	0.00539	0.05845	6.30E-02	0.00707	3.1E-05	0.003349	7.35E-02	0.073044	0.007147	2.29E-05	0.003694	0.083908
4477	492363.09	3858377.25	1.00285	1.74472	1.26124	0.74819	2.29E-02	0.00186	1.9E-05	0.00239	0.02716	3.03E-02	0.002458	1.54E-05	0.001485	3.42E-02	0.035065	0.002485	1.14E-05	0.001638	0.039199
4478	492863.09	3858377.25	1.22869	2.1225	1.52899	0.80956	2.80E-02	0.00226	2.3E-05	0.00259	0.03291	3.71E-02	0.00299	1.87E-05	0.001607	4.17E-02	0.042961	0.003023	1.38E-05	0.001773	0.04777
4479	493363.09	3858377.25	0.95758	1.30517	1.11267	0.58334	2.19E-02	0.00139	1.7E-05	0.00186	0.02512	2.89E-02	0.001839	1.36E-05	0.001158	3.19E-02	0.033482	0.001859	1.01E-05	0.001277	0.036628
4480	493863.09	3858377.25	0.76183	1.01338	0.94794	0.52223	1.74E-02	0.00108	1.4E-05	0.00167	0.02015	2.30E-02	0.001428	1.16E-05	0.001037	2.55E-02	0.026637	0.001443	8.58E-06	0.001144	0.029233
4481	494363.09	3858377.25	0.55688	0.90461	0.74753	0.47446	1.27E-02	0.00096	1.1E-05	0.00152	0.0152	1.68E-02	0.001275	9.15E-06	0.000942	1.90E-02	0.019471	0.001288	6.76E-06	0.001039	0.021805
4482	494863.09	3858377.25	0.45584	0.91619	0.59064	0.45269	1.04E-02	0.00098	8.9E-06	0.00145	0.01283	1.38E-02	0.001291	7.23E-06	0.000899	1.60E-02	0.015938	0.001305	5.34E-06	0.000991	0.01824
4483	495363.09	3858377.25	0.3748	0.79677	0.42263	0.42509	8.55E-03	0.00085	6.4E-06	0.00136	0.01077	1.13E-02	0.001123	5.17E-06	0.000844	1.33E-02	0.013105	0.001135	3.82E-06	0.000931	0.015174
4484	495863.09	3858377.25	0.34581	0.71823	0.43153	0.42425	7.89E-03	0.00077	6.5E-06	0.00136	0.01002	1.04E-02	0.001012	5.28E-06	0.000842	1.23E-02	0.012091	0.001023	3.9E-06	0.000929	0.014047
4485	496363.09	3858377.25	0.34076	0.5874	0.4419	0.41814	7.78E-03	0.00063	6.7E-06	0.00134	0.00975	1.03E-02	0.000828	5.41E-06	0.00083	1.19E-02	0.011915	0.000837	4E-06	0.000916	0.013671
4486	496863.09	3858377.25	0.40627	0.59091	0.53436	0.43042	9.27E-03	0.00063	8.1E-06	0.00138	0.01129	1.23E-02	0.000833	6.54E-06	0.000854	1.40E-02	0.014205	0.000842	4.83E-06	0.000942	0.015994
4487	497363.09	3858377.25	0.44492	0.60764	0.6054	0.43075	1.02E-02	0.00065	9.1E-06	0.00138	0.01219	1.34E-02	0.000856	7.41E-06	0.000855	1.51E-02	0.015557	0.000865	5.48E-06	0.000943	0.017371
4488	497863.09	3858377.25	0.65026	0.75794	0.85424	0.4668	1.48E-02	0.00081	1.3E-05	0.00149	0.01715	1.96E-02	0.001068	1.05E-05	0.000927	2.16E-02	0.022736	0.001079	7.73E-06	0.001022	0.024846
4489	498363.09	3858377.25	0.88843	1.05566	1.09819	0.56723	2.03E-02	0.00112	1.7E-05	0.00181	0.02323	2.68E-02	0.001487	1.34E-05	0.001126	2.94E-02	0.031064	0.001503	9.93E-06	0.001242	0.033819
4490	471363.09	3858877.25	0.52919	0.93359	0.58518	0.41482	1.21E-02	0.00099	8.8E-06	0.00133	0.01441	1.60E-02	0.001315	7.16E-06	0.000823	1.81E-02	0.018503	0.00133	5.29E-06	0.000908	0.020746
4491	471863.09	3858877.25	0.54718	1.06902	0.62484	0.43475	1.25E-02	0.00114	9.4E-06	0.00139	0.01503	1.65E-02	0.001506	7.65E-06	0.000863	1.89E-02	0.019132	0.001522	5.65E-06	0.000952	0.021612
4492	472363.09	3858877.25	0.57245	1.13603	0.66624	0.50602	1.31E-02	0.00121	1E-05	0.00162	0.0159	1.73E-02	0.001601	8.15E-06	0.001004	1.99E-02	0.020016	0.001618	6.03E-06	0.001108	0.022748
4493	472863.09	3858877.25	0.59396	1.22446	0.69592	0.5739	1.36E-02	0.0013	1E-05	0.00183	0.0167	1.79E-02	0.001725	8.52E-06	0.001139	2.08E-02	0.020768	0.001744	6.3E-06	0.001257	0.023775
4494	473363.09	3858877.25	0.61982	1.23467	0.72426	0.66905	1.41E-02	0.00132	1.1E-05	0.00214	0.01761	1.87E-02	0.00174	8.86E-06	0.001328	2.18E-02	0.021672	0.001758	6.55E-06	0.001465	0.024902
4495	473863.09	3858877.25	0.63063	0.98595	0.73728	0.66488	1.44E-02	0.00105	1.1E-05	0.00213	0.01758	1.90E-02	0.001389	9.02E-06	0.00132	2.18E-02	0.02205	0.001404	6.67E-06	0.001456	0.024917
4496	474363.09	3858877.25	0.604	0.87292	0.74377	0.553	1.38E-02	0.00093	1.1E-05	0.00177	0.01649	1.82E-02	0.00123	9.1E-06	0.001098	2.06E-02	0.021119	0.001243	6.73E-06	0.001211	0.02358
4497	474863.09	3858877.25	0.30679	0.39416	0.40121	0.37437	7.00E-03	0.00042	6E-06	0.0012	0.00862	9.26E-03	0.000555	4.91E-06	0.000743	1.06E-02	0.010727	0.000561	3.63E-06	0.00082	0.012112
4498	475363.09	3858877.25	0.23945	0.3082	0.29387	0.37024	5.46E-03	0.00033	4.4E-06	0.00118	0.00698	7.23E-03	0.000434	3.6E-06	0.000735	8.40E-03	0.008372	0.000439	2.66E-06	0.000811	0.009625
4499	475863.09	3858877.25	0.23828	0.35915	0.30861	0.36553	5.44E-03	0.00038	4.7E-06	0.00117	0.00699	7.19E-03	0.000506	3.78E-06	0.000726	8.43E-03	0.008331	0.000511	2.79E-06	0.0008	0.009646
4500	476363.09	3858877.25	0.23671	0.2634	0.28636	0.35976	5.40E-03	0.00028	4.3E-06	0.00115	0.00684	7.14E-03	0.000371	3.5E-06	0.000714	8.23E-03	0.008277	0.000375	2.59E-06	0.000788	0.009442
4501	476863.09	3858877.25	0.23557	0.27569	0.28313	0.35438	5.38E-03	0.00029	4.3E-06	0.00113	0.00681	7.11E-03	0.000388	3.47E-06	0.000703	8.21E-03	0.008237	0.000393	2.56E-06	0.000776	0.009408
4502	477363.09	3858877.25	0.23537	0.39904	0.28005	0.3485	5.37E-03	0.00043	4.2E-06	0.00111	0.00691	7.10E-03	0.000562	3.43E-06	0.000692	8.36E-03	0.00823	0.000568	2.53E-06	0.000763	0.009564
4503	477863.09	3858877.25	0.26193	0.55212	0.28605	0.34237	5.98E-03	0.00059	4.3E-06	0.00109	0.00766	7.91E-03	0.000778	3.5E-06	0.00068	9.37E-03	0.009158	0.000786	2.59E-06	0.00075	0.010697
4504	478363.09	3858877.25	0.45503	0.80593	0.57368	0.33626	1.04E-02	0.00086	8.6E-06	0.00108	0.01233	1.37E-02	0.001136	7.02E-06	0.000667	1.55E-02	0.01591	0.001148	5.19E-06	0.000736	0.017799
4505	478863.09	3858877.25	0.41316	0.79368	0.50024	0.32888	9.43E-03	0.00085	7.5E-06	0.00105	0.01133	1.25E-02	0.001118	6.12E-06	0.000653	1.42E-02	0.014446	0.00113	4.53E-06	0.00072	0.016301
4506	479363.09	3858877.25	0.34684	0.61101	0.43975	0.32102	7.92E-03	0.00065	6.6E-06	0.00103	0.0096	1.05E-02	0.000861	5.38E-06	0.000637	1.20E-02	0.012127	0.00087	3.98E-06	0.000703	0.013704
4507	479863.09	3858877.25	1.25475	2.99349	1.48419	1.07057	2.86E-02	0.00319	2.2E-05	0.00342	0.03527	3.79E-02	0.004218	1.82E-05	0.002125	4.42E-02	0.043872	0.004263	1.34E-05	0.002344	0.050493
4508	480363.09	3858877.25	1.33076	2.52899	1.58776	1.36868	3.04E-02	0.00269	2.4E-05	0.00438	0.03746	4.02E-02	0.003563	1.94E-05	0.002717	4.65E-02	0.04653	0.003602	1.44E-05	0.002997	0.053143
4509	480863.09	3858877.25	1.40829	2.94123	1.65451	1.66407	3.21E-02	0.00313	2.5E-05	0.00532	0.04062	4.25E-02	0.004144	2.02E-05	0.003303	5.00E-02	0.049241	0.004189	1.5E-05	0.003644	0.057088
4510	481363.09	3858877.25	1.55309	2.56035	1.89156	1.75978	3.54E-02	0.00273	2.9E-05	0.00563	0.04382	4.69E-02	0.003607	2.32E-05	0.003493	5.40E-02	0.054304	0.003646	1.71E-05	0.003853	0.06182

4511	481863.09	3858877.25	1.74733	2.98248	2.21695	1.88845	3.99E-02	0.00318	3.3E-05	0.00604	0.04912	5.27E-02	0.004202	2.71E-05	0.003748	6.07E-02	0.061095	0.004247	2.01E-05	0.004135	0.069498
4512	482363.09	3858877.25	1.92557	3.82881	2.55998	2.09555	4.39E-02	0.00408	3.9E-05	0.0067	0.05476	5.81E-02	0.005395	3.13E-05	0.004159	6.77E-02	0.067327	0.005453	2.32E-05	0.004589	0.077392
4513	482863.09	3858877.25	2.21609	3.60668	2.65309	2.42164	5.06E-02	0.00384	4E-05	0.00774	0.0622	6.69E-02	0.005082	3.25E-05	0.004807	7.68E-02	0.077485	0.005136	2.4E-05	0.005303	0.087948
4514	483363.09	3858877.25	2.18114	4.75966	2.73631	3.41172	4.98E-02	0.00507	4.1E-05	0.01091	0.06579	6.58E-02	0.006706	3.35E-05	0.006772	7.93E-02	0.076263	0.006778	2.48E-05	0.007471	0.090537
4515	483863.09	3858877.25	2.25914	4.838	2.83006	3.85373	5.16E-02	0.00515	4.3E-05	0.01232	0.06907	6.82E-02	0.006816	3.46E-05	0.007649	8.27E-02	0.078991	0.00689	2.56E-05	0.008438	0.094345
4516	484363.09	3858877.25	2.36533	3.98674	2.97359	4.04784	5.40E-02	0.00425	4.5E-05	0.01294	0.07121	7.14E-02	0.005617	3.64E-05	0.008035	8.51E-02	0.082704	0.005678	2.69E-05	0.008863	0.097272
4517	484863.09	3858877.25	2.33799	5.6289	2.82095	4.26685	5.34E-02	0.006	4.3E-05	0.01364	0.07304	7.06E-02	0.007931	3.45E-05	0.008469	8.70E-02	0.081748	0.008016	2.55E-05	0.009343	0.099133
4518	485363.09	3858877.25	2.34811	5.56654	2.46193	4.45066	5.36E-02	0.00593	3.7E-05	0.01423	0.07378	7.09E-02	0.007843	3.01E-05	0.008834	8.76E-02	0.082102	0.007928	2.23E-05	0.009745	0.099797
4519	485863.09	3858877.25	2.87204	6.81738	2.81972	4.52686	6.55E-02	0.00726	4.2E-05	0.01447	0.08732	8.67E-02	0.009605	3.45E-05	0.008985	1.05E-01	0.100421	0.009709	2.55E-05	0.009912	0.120067
4520	486363.09	3858877.25	3.39004	9.14568	3.84612	5.80102	7.74E-02	0.00974	5.8E-05	0.01855	0.10571	1.02E-01	0.012886	4.71E-05	0.011514	1.27E-01	0.118533	0.013025	3.48E-05	0.012702	0.144294
4521	486863.09	3858877.25	3.65946	7.81851	4.17991	6.58951	8.35E-02	0.00833	6.3E-05	0.02107	0.11297	1.10E-01	0.011016	5.12E-05	0.013079	1.35E-01	0.127953	0.011135	3.78E-05	0.014429	0.153554
4522	487363.09	3858877.25	4.01584	8.36847	4.06062	6.5313	9.16E-02	0.00892	6.1E-05	0.02088	0.1215	1.21E-01	0.011791	4.97E-05	0.012964	1.46E-01	0.140414	0.011918	3.67E-05	0.014301	0.16667
4523	487863.09	3858877.25	4.09887	6.9782	4.61763	7.25444	9.35E-02	0.00743	7E-05	0.02319	0.12424	1.24E-01	0.009832	5.65E-05	0.014399	1.48E-01	0.143317	0.009938	4.18E-05	0.015885	0.169181
4524	488363.09	3858877.25	6.14107	7.90831	4.6061	10.42292	1.40E-01	0.00843	6.9E-05	0.03332	0.18196	1.85E-01	0.011142	5.64E-05	0.020688	2.17E-01	0.214722	0.011263	4.17E-05	0.022823	0.248849
4525	488863.09	3858877.25	15.41711	8.77859	4.818	12.33468	3.52E-01	0.00935	7.3E-05	0.03943	0.40069	4.65E-01	0.012368	5.9E-05	0.024483	5.02E-01	0.539058	0.012502	4.36E-05	0.027009	0.578613
4526	489363.09	3858877.25	4.44057	6.26338	4.37034	7.82163	1.01E-01	0.00667	6.6E-05	0.02501	0.13308	1.34E-01	0.008825	5.35E-05	0.015525	1.58E-01	0.155264	0.00892	3.95E-05	0.017127	0.181351
4527	489863.09	3858877.25	3.41831	6.56181	3.25832	7.65739	7.80E-02	0.00699	4.9E-05	0.02448	0.10953	1.03E-01	0.009245	3.99E-05	0.015199	1.28E-01	0.119521	0.009345	2.95E-05	0.016767	0.145663
4528	490363.09	3858877.25	3.43227	5.76191	3.84295	6.37034	7.83E-02	0.00614	5.8E-05	0.02037	0.10489	1.04E-01	0.008118	4.7E-05	0.012644	1.24E-01	0.120009	0.008206	3.48E-05	0.013949	0.142199
4529	490863.09	3858877.25	3.0964	5.04764	3.85123	4.3109	7.07E-02	0.00538	5.8E-05	0.01378	0.08988	9.35E-02	0.007112	4.71E-05	0.008557	1.09E-01	0.108265	0.007189	3.48E-05	0.009439	0.124928
4530	491363.09	3858877.25	2.90703	3.72103	4.06852	2.22059	6.63E-02	0.00396	6.1E-05	0.0071	0.07747	8.77E-02	0.005243	4.98E-05	0.004408	9.74E-02	0.101644	0.005299	3.68E-05	0.004862	0.111843
4531	491863.09	3858877.25	1.97945	2.12482	2.57103	0.95814	4.52E-02	0.00226	3.9E-05	0.00306	0.05054	5.97E-02	0.002994	3.15E-05	0.001902	6.47E-02	0.069211	0.003026	2.33E-05	0.002098	0.074359
4532	492363.09	3858877.25	1.97084	2.88912	2.3079	1.20354	4.50E-02	0.00308	3.5E-05	0.00385	0.05194	5.95E-02	0.004071	2.82E-05	0.002389	6.60E-02	0.06891	0.004115	2.09E-05	0.002635	0.075681
4533	492863.09	3858877.25	1.85341	2.58681	2.25739	1.66872	4.23E-02	0.00276	3.4E-05	0.00533	0.05042	5.59E-02	0.003645	2.76E-05	0.003312	6.29E-02	0.064804	0.003684	2.04E-05	0.003654	0.072163
4534	493363.09	3858877.25	1.61397	2.88105	1.95997	1.41276	3.68E-02	0.00307	3E-05	0.00452	0.04445	4.87E-02	0.004059	2.4E-05	0.002804	5.56E-02	0.056432	0.004103	1.77E-05	0.003093	0.063647
4535	493863.09	3858877.25	1.21454	2.50911	1.39333	0.91552	2.77E-02	0.00267	2.1E-05	0.00293	0.03334	3.67E-02	0.003535	1.71E-05	0.001817	4.20E-02	0.042466	0.003573	1.26E-05	0.002005	0.048057
4536	494363.09	3858877.25	1.08924	2.04435	1.18799	0.71561	2.49E-02	0.00218	1.8E-05	0.00229	0.02934	3.29E-02	0.00288	1.45E-05	0.00142	3.72E-02	0.038085	0.002911	1.07E-05	0.001567	0.042574
4537	494863.09	3858877.25	0.87661	1.66571	0.96887	0.56645	2.00E-02	0.00177	1.5E-05	0.00181	0.02361	2.65E-02	0.002347	1.19E-05	0.001124	2.99E-02	0.030651	0.002372	8.77E-06	0.00124	0.034272
4538	495363.09	3858877.25	0.65789	1.22208	0.91311	0.4778	1.50E-02	0.0013	1.4E-05	0.00153	0.01786	1.99E-02	0.001722	1.12E-05	0.000948	2.25E-02	0.023003	0.00174	8.26E-06	0.001046	0.025798
4539	495863.09	3858877.25	0.62793	0.85523	0.89377	0.44531	1.43E-02	0.00091	1.3E-05	0.00142	0.01668	1.90E-02	0.001205	1.09E-05	0.000884	2.11E-02	0.021956	0.001218	8.09E-06	0.000975	0.024157
4540	496363.09	3858877.25	0.6675	0.79352	0.91734	0.45108	1.52E-02	0.00085	1.4E-05	0.00144	0.01753	2.01E-02	0.001118	1.12E-05	0.000895	2.22E-02	0.023339	0.00113	8.3E-06	0.000988	0.025465
4541	496863.09	3858877.25	0.69319	0.8526	0.92066	0.45859	1.58E-02	0.00091	1.4E-05	0.00147	0.01821	2.09E-02	0.001201	1.13E-05	0.00091	2.30E-02	0.024237	0.001214	8.33E-06	0.001004	0.026464
4542	497363.09	3858877.25	0.70093	0.90479	0.90769	0.46554	1.60E-02	0.00096	1.4E-05	0.00149	0.01846	2.12E-02	0.001275	1.11E-05	0.000924	2.34E-02	0.024508	0.001289	8.21E-06	0.001019	0.026824
4543	497863.09	3858877.25	0.92461	1.23915	1.19099	0.68643	2.11E-02	0.00132	1.8E-05	0.00219	0.02463	2.79E-02	0.001746	1.46E-05	0.001362	3.10E-02	0.032329	0.001765	1.08E-05	0.001503	0.035607
4544	498363.09	3858877.25	1.10566	1.62456	1.42084	0.95748	2.52E-02	0.00173	2.1E-05	0.00306	0.03005	3.34E-02	0.002289	1.74E-05	0.0019	3.76E-02	0.038659	0.002314	1.29E-05	0.002097	0.043082
4545	471363.09	3859377.25	0.51222	1.05405	0.56823	0.54346	1.17E-02	0.00112	8.6E-06	0.00174	0.01456	1.55E-02	0.001485	6.95E-06	0.001079	1.80E-02	0.01791	0.001501	5.14E-06	0.00119	0.020606
4546	471863.09	3859377.25	0.52464	1.10963	0.58911	0.58071	1.20E-02	0.00118	8.9E-06	0.00186	0.01502	1.58E-02	0.001563	7.21E-06	0.001153	1.86E-02	0.018344	0.00158	5.33E-06	0.001272	0.021201
4547	472363.09	3859377.25	0.53976	1.028	0.63094	0.62928	1.23E-02	0.0011	9.5E-06	0.00201	0.01543	1.63E-02	0.001448	7.72E-06	0.001249	1.90E-02	0.018873	0.001464	5.71E-06	0.001378	0.02172
4548	472863.09	3859377.25	0.56627	0.87797	0.71056	0.65634	1.29E-02	0.00094	1.1E-05	0.0021	0.01597	1.71E-02	0.001237	8.7E-06	0.001303	1.96E-02	0.0198	0.00125	6.43E-06	0.001437	0.022494
4549	473363.09	3859377.25	0.59215	1.14104	0.77777	0.69018	1.35E-02	0.00122	1.2E-05	0.00221	0.01695	1.79E-02	0.001608	9.52E-06	0.00137	2.09E-02	0.020704	0.001625	7.04E-06	0.001511	0.023848
4550	473863.09	3859377.25	0.61252	1.52749	0.83092	0.69217	1.40E-02	0.00163	1.3E-05	0.00221	0.01783	1.85E-02	0.002152	1.02E-05	0.001374	2.20E-02	0.021417	0.002175	7.52E-06	0.001516	0.025115
4551	474363.09	3859377.25	0.6686	1.69272	0.77519	0.56867	1.53E-02	0.0018	1.2E-05	0.00182	0.01889	2.02E-02	0.002385	9.49E-06	0.001129	2.37E-02	0.023378	0.002411	7.01E-06	0.001245	0.02704
4552	474863.09	3859377.25	0.52387	1.20128	0.53864	0.37232	1.20E-02	0.00128	8.1E-06	0.00119	0.01443	1.58E-02	0.001693	6.59E-06	0.000739	1.82E-02	0.018317	0.001711	4.87E-06	0.000815	0.020848
4553	475363.09	3859377.25	0.25285	0.52626	0.34822	0.31899	5.77E-03	0.00056	5.2E-06	0.00102	0.00736	7.63E-03	0.000741	4.26E-06	0.000633	9.01E-03	0.008841	0.000749	3.15E-06	0.000698	0.010292
4554	475863.09	3859377.25	0.21709	0.36034	0.2632	0.31155	4.95E-03	0.00038	4E-06	0.001	0.00634	6.55E-03	0.000508	3.22E-06	0.000618	7.68E-03	0.007591	0.000513	2.38E-06	0.000682	0.008788
4555	476363.09	3859377.25	0.21517	0.34021	0.26191	0.30414	4.91E-03	0.00036	3.9E-06	0.00097	0.00625	6.49E-03	0.000479	3.21E-06	0.000604	7.58E-03	0.007523	0.000485	2.37E-06	0.000666	0.008676
4556	476863.09	3859377.25	0.21318	0.29377	0.26032	0.29643	4.86E-03	0.00031	3.9E-06	0.00095	0.00613	6.43E-03	0.000414	3.19E-06	0.000588	7.44E-03	0.007454	0.000418	2.36E-06	0.000649	0.008524
4557	477363.09	3859377.25	0.21239	0.23799	0.25743	0.2888	4.85E-03	0.00025	3.9E-06	0.00092	0.00603	6.41E-03	0.000335	3.15E-06	0.000573	7.32E-03	0.007426	0.000339	2.33E-06	0.000632	0.0084
4558	477863.09	3859377.25	0.26209	0.45001	0.31365	0.28144	5.98E-03	0.00048	4.7E-06	0.0009	0.00737	7.91E-03	0.000634	3.84E-06	0.000559	9.11E-03	0.009164	0.000641	2.84E-06	0.000616	0.010424
4559	478363.09	3859377.25	0.3987	1.18882	0.52961	0.27381	9.10E-03	0.00127	8E-06	0.00088	0.01125	1.20E-02	0.001675	6.48E-06	0.000543	1.43E-02	0.013941	0.001693	4.79E-06	0.0006	0.016238
4560	478863.09	3859377.25	0.73758	1.76882	0.8713	0.39919	1.68E-02	0.00188	1.3E-05	0.00128	0.02001	2.23E-02	0.002492	1.07E-05	0.000792	2.56E-02	0.025789	0.002519	7.88E-06	0.000874	0.02919
4561	479363.09	3859377.25	1.0003	2.11757	1.13376	0.63922	2.28E-02	0.00226	1.7E-05	0.00204	0.02714	3.02E-02	0.002984	1.39E-05	0.001269	3.45E-02	0.034975	0.003016	1.03E-05	0.0014	0.039401
4562	479863.09	3859377.25	1.12961	2.20277	1.34063	1.05651	2.58E-02	0.00235	2E-05	0.00338	0.03152	3.41E-02	0.003104	1.64E-05	0.002097	3.93E-02	0.039497	0.003137	1.21E-05	0.002313	0.044959
4563	480363.09	3859377.25	1.19067	2.43589	1.41062	1.4601	2.72E-02	0.0026	2.1E-05	0.00467	0.03446	3.59E-02	0.003432	1.73E-05	0.002898	4.23E-02	0.041632	0.003469	1.28E-05	0.003197	0.048311
4564	480863.09	3859377.25	1.35686	2.42486	1.66212	1.59647	3.10E-02	0.00258	2.5E-05	0.0051	0.03868	4.10E-02	0.003416	2.03E-05	0.003169	4.76E-02	0.047443	0.003453	1.5E-05	0.003496	0.054407
4565	481363.09	3859377.25	1.50065	2.29617	1.88259	1.64207	3.42E-02	0.00245	2.8E-05	0.00525	0.04197	4.53E-02	0.003235	2.3E-05	0.003259	5.18E-02	0.05247	0.00327	1.7E-05	0.003596	0.059353
4566	481863.09	3859377.25	1.59231	2.69151	2.08904	1.83007	3.63E-02	0.00287	3.1E-05	0.00585	0.04509	4.81E-02	0.003792	2.56E-05	0.003632	5.55E-02	0.055675	0.003833	1.89E-05	0.004007	0.063534
4567	482363.09	3859377.25	1.84686	3.96298	2.14851	2.08834	4.21E-02	0.00422	3.2E-05	0.00668	0.05308	5.57E-02	0.005584	2.63E-05	0.004145	6.55E-02	0.064575	0.005644	1.94E-05	0.004573	0.074811
4568	482863.09	3859377.25	2.01749	4.78687	2.45593	2.38957	4.60E-02	0.0051	3.7E-05	0.00764	0.05882	6.09E-02	0.006744	3.01E-05	0.004743	7.24E-02	0.070541	0.006817	2.22E-05	0.005232	0.082613
4569	483363.09	3859377.25	2.0395	3.10036	2.58518	3.31455	4.65E-02	0.0033	3.9E-05	0.0106	0.06048	6.16E-02	0.004368	3.16E-05	0.006579	7.25E-02	0.071311	0.004415	2.34E-05	0.007258	0.083008
4570	483863.09	3859377.25	1.94388	3.49372	2.4825	3.42513	4.44E-02	0.00372	3.7E-05	0.01095	0.05907	5.87E-02	0.004922	3.04E-05	0.006799	7.04E-02	0.067968	0.004976	2.25E-05	0.0075	0.080466
4571	484363.09	3859377.25	1.93209	3.43217	2.31664	3.41197	4.41E-02	0.00366	3.5E-05	0.01091	0.05869	5.83E-02	0.004836	2.84E-05	0.006772	6.99E-02	0.067555	0.004888	2.1E-05	0.007471	0.079935

4572	484863.09	3859377.25	1.93599	4.14075	2.09527	3.41577		4.42E-02	0.00441	3.2E-05	0.01092	0.05954		5.84E-02	0.005834	2.56E-05	0.00678	7.11E-02		0.067692	0.005897	1.9E-05	0.007479	0.081087
4573	485363.09	3859377.25	1.98983	4.7745	2.10652	3.53658		4.54E-02	0.00509	3.2E-05	0.01131	0.06183		6.01E-02	0.006727	2.58E-05	0.00702	7.38E-02		0.069574	0.0068	1.91E-05	0.007744	0.084137
4574	485863.09	3859377.25	2.22407	4.10297	2.19635	3.72298		5.08E-02	0.00437	3.3E-05	0.0119	0.06706		6.71E-02	0.005781	2.69E-05	0.00739	8.03E-02		0.077764	0.005843	1.99E-05	0.008152	0.09178
4575	486363.09	3859377.25	2.62098	6.51349	2.80686	3.64626		5.98E-02	0.00694	4.2E-05	0.01166	0.07845		7.91E-02	0.009177	3.44E-05	0.007237	9.56E-02		0.091642	0.009276	2.54E-05	0.007984	0.108928
4576	486863.09	3859377.25	3.05447	5.703	3.49443	4.49243		6.97E-02	0.00608	5.3E-05	0.01436	0.0902		9.22E-02	0.008035	4.28E-05	0.008917	1.09E-01		0.106799	0.008122	3.16E-05	0.009837	0.12479
4577	487363.09	3859377.25	3.20359	5.47574	3.15811	5.2326		7.31E-02	0.00583	4.8E-05	0.01673	0.09572		9.67E-02	0.007715	3.87E-05	0.010386	1.15E-01		0.112013	0.007798	2.86E-05	0.011458	0.131298
4578	487863.09	3859377.25	3.11612	5.07743	3.2385	5.43322		7.11E-02	0.00541	4.9E-05	0.01737	0.09394		9.40E-02	0.007154	3.96E-05	0.010784	1.12E-01		0.108955	0.007231	2.93E-05	0.011897	0.128112
4579	488363.09	3859377.25	3.79996	5.58656	3.48572	5.22885		8.67E-02	0.00595	5.3E-05	0.01672	0.10944		1.15E-01	0.007871	4.27E-05	0.010379	1.33E-01		0.132865	0.007956	3.15E-05	0.011449	0.152302
4580	488863.09	3859377.25	4.40928	5.58326	3.75356	6.91827		1.01E-01	0.00595	5.7E-05	0.02212	0.12875		1.33E-01	0.007866	4.59E-05	0.013732	1.55E-01		0.15417	0.007951	3.4E-05	0.015149	0.177304
4581	489363.09	3859377.25	5.25463	6.33427	3.9599	8.97834		1.20E-01	0.00675	6E-05	0.0287	0.15543		1.59E-01	0.008925	4.85E-05	0.017821	1.85E-01		0.183728	0.009021	3.58E-05	0.01966	0.212444
4582	489863.09	3859377.25	3.42291	5.05488	3.21846	6.44978		7.81E-02	0.00539	4.9E-05	0.02062	0.10417		1.03E-01	0.007122	3.94E-05	0.012802	1.23E-01		0.119682	0.007199	2.91E-05	0.014123	0.141033
4583	490363.09	3859377.25	2.73533	3.45533	2.77514	4.14339		6.24E-02	0.00368	4.2E-05	0.01325	0.07939		8.26E-02	0.004868	3.4E-05	0.008224	9.57E-02		0.095641	0.004921	2.51E-05	0.009073	0.109659
4584	490863.09	3859377.25	2.79153	5.12704	2.72139	5.41313		6.37E-02	0.00546	4.1E-05	0.01731	0.08651		8.43E-02	0.007224	3.33E-05	0.010744	1.02E-01		0.097606	0.007302	2.46E-05	0.011853	0.116785
4585	491363.09	3859377.25	3.10667	4.31255	4.3437	2.58456		7.09E-02	0.00459	6.5E-05	0.00826	0.08382		9.38E-02	0.006076	5.32E-05	0.00513	1.05E-01		0.108625	0.006142	3.93E-05	0.005659	0.120465
4586	491863.09	3859377.25	2.55096	4.11895	2.96918	3.31476		5.82E-02	0.00439	4.5E-05	0.0106	0.07325		7.70E-02	0.005803	3.63E-05	0.006579	8.94E-02		0.089194	0.005866	2.69E-05	0.007258	0.102345
4587	492363.09	3859377.25	2.26738	3.41015	2.97811	2.94263		5.17E-02	0.00363	4.5E-05	0.00941	0.06483		6.84E-02	0.004805	3.64E-05	0.005841	7.91E-02		0.079279	0.004857	2.69E-05	0.006443	0.090606
4588	492863.09	3859377.25	2.00946	2.53933	2.61153	2.3491		4.59E-02	0.00271	3.9E-05	0.00751	0.05611		6.06E-02	0.003578	3.2E-05	0.004663	6.89E-02		0.070261	0.003616	2.36E-05	0.005144	0.079044
4589	493363.09	3859377.25	1.8494	2.75135	2.29303	1.64386		4.22E-02	0.00293	3.5E-05	0.00526	0.05043		5.58E-02	0.003876	2.81E-05	0.003263	6.30E-02		0.064664	0.003918	2.07E-05	0.0036	0.072203
4590	493863.09	3859377.25	1.68432	2.5789	2.1576	1.50537		3.84E-02	0.00275	3.3E-05	0.00481	0.04603		5.08E-02	0.003634	2.64E-05	0.002988	5.75E-02		0.058892	0.003673	1.95E-05	0.003296	0.065881
4591	494363.09	3859377.25	1.51704	1.93147	1.8037	1.29412		3.46E-02	0.00206	2.7E-05	0.00414	0.04084		4.58E-02	0.002721	2.21E-05	0.002569	5.11E-02		0.053043	0.002751	1.63E-05	0.002834	0.058644
4592	494863.09	3859377.25	1.26466	1.56215	1.4559	1.04724		2.89E-02	0.00166	2.2E-05	0.00335	0.03389		3.82E-02	0.002201	1.78E-05	0.002079	4.25E-02		0.044219	0.002225	1.32E-05	0.002293	0.04875
4593	495363.09	3859377.25	1.12963	1.74167	1.29602	0.95127		2.58E-02	0.00186	2E-05	0.00304	0.0307		3.41E-02	0.002454	1.59E-05	0.001888	3.85E-02		0.039497	0.00248	1.17E-05	0.002083	0.044073
4594	495863.09	3859377.25	0.99821	2.01165	1.19203	0.74226		2.28E-02	0.00214	1.8E-05	0.00237	0.02731		3.01E-02	0.002834	1.46E-05	0.001473	3.44E-02		0.034902	0.002865	1.08E-05	0.001625	0.039403
4595	496363.09	3859377.25	0.98553	2.15309	1.20304	0.78806		2.25E-02	0.00229	1.8E-05	0.00252	0.02732		2.97E-02	0.003034	1.47E-05	0.001564	3.44E-02		0.034459	0.003066	1.09E-05	0.001726	0.039262
4596	496863.09	3859377.25	0.83221	1.63221	0.94826	0.64608		1.90E-02	0.00174	1.4E-05	0.00207	0.02281		2.51E-02	0.0023	1.16E-05	0.001282	2.87E-02		0.029098	0.002325	8.58E-06	0.001415	0.032846
4597	497363.09	3859377.25	0.86966	1.43628	1.19415	0.77837		1.98E-02	0.00153	1.8E-05	0.00249	0.02388		2.62E-02	0.002024	1.46E-05	0.001545	2.98E-02		0.030408	0.002045	1.08E-05	0.001704	0.034168
4598	497863.09	3859377.25	1.03367	1.5241	1.40596	1.05682		2.36E-02	0.00162	2.1E-05	0.00338	0.02861		3.12E-02	0.002147	1.72E-05	0.002098	3.55E-02		0.036142	0.002171	1.27E-05	0.002314	0.04064
4599	498363.09	3859377.25	1.09573	1.52091	1.44177	1.28603		2.50E-02	0.00162	2.2E-05	0.00411	0.03076		3.31E-02	0.002143	1.76E-05	0.002553	3.78E-02		0.038312	0.002166	1.3E-05	0.002816	0.043307
4600	471363.09	3859877.25	0.51453	0.68039	0.63566	0.57425		1.17E-02	0.00072	9.6E-06	0.00184	0.01431		1.55E-02	0.000959	7.78E-06	0.00114	1.76E-02		0.017991	0.000969	5.75E-06	0.001257	0.020223
4601	471863.09	3859877.25	0.53739	0.96754	0.69874	0.57287		1.23E-02	0.00103	1.1E-05	0.00183	0.01514		1.62E-02	0.001363	8.55E-06	0.001137	1.87E-02		0.01879	0.001378	6.32E-06	0.001254	0.021428
4602	472363.09	3859877.25	0.556	1.27643	0.74866	0.56635		1.27E-02	0.00136	1.1E-05	0.00181	0.01587		1.68E-02	0.001798	9.16E-06	0.001124	1.97E-02		0.019441	0.001818	6.77E-06	0.00124	0.022505
4603	472863.09	3859877.25	0.57193	1.49842	0.7784	0.59956		1.31E-02	0.0016	1.2E-05	0.00192	0.01658		1.73E-02	0.002111	9.53E-06	0.00119	2.06E-02		0.019998	0.002134	7.04E-06	0.001313	0.023451
4604	473363.09	3859877.25	0.59714	1.60532	0.79354	0.64822		1.36E-02	0.00171	1.2E-05	0.00207	0.01742		1.80E-02	0.002262	9.71E-06	0.001287	2.16E-02		0.020879	0.002286	7.18E-06	0.001419	0.024592
4605	473863.09	3859877.25	0.66946	1.58122	0.80306	0.65804		1.53E-02	0.00168	1.2E-05	0.0021	0.01908		2.02E-02	0.002228	9.83E-06	0.001306	2.37E-02		0.023408	0.002252	7.27E-06	0.001441	0.027108
4606	474363.09	3859877.25	0.74347	1.32804	0.81067	0.5297		1.70E-02	0.00141	1.2E-05	0.00169	0.02009		2.24E-02	0.001871	9.92E-06	0.001051	2.54E-02		0.025995	0.001891	7.33E-06	0.00116	0.029054
4607	474863.09	3859877.25	0.65208	1.10761	0.80737	0.41345		1.49E-02	0.00118	1.2E-05	0.00132	0.01739		1.97E-02	0.001561	9.88E-06	0.000821	2.21E-02		0.0228	0.001577	7.3E-06	0.000905	0.02529
4608	475363.09	3859877.25	0.28993	0.60374	0.38005	0.26954		6.62E-03	0.00064	5.7E-06	0.00086	0.00813		8.75E-03	0.000851	4.65E-06	0.000535	1.01E-02		0.010137	0.00086	3.44E-06	0.00059	0.011591
4609	475863.09	3859877.25	0.19035	0.52503	0.24444	0.263		4.34E-03	0.00056	3.7E-06	0.00084	0.00575		5.74E-03	0.00074	2.99E-06	0.000522	7.01E-03		0.006656	0.000748	2.21E-06	0.000576	0.007981
4610	476363.09	3859877.25	0.18244	0.24704	0.23262	0.25673		4.16E-03	0.00026	3.5E-06	0.00082	0.00525		5.51E-03	0.000348	2.85E-06	0.00051	6.37E-03		0.006379	0.000352	2.1E-06	0.000562	0.007295
4611	476863.09	3859877.25	0.17462	0.36905	0.21103	0.25109		3.98E-03	0.00039	3.2E-06	0.0008	0.00518		5.27E-03	0.00052	2.58E-06	0.000498	6.29E-03		0.006106	0.000526	1.91E-06	0.00055	0.007183
4612	477363.09	3859877.25	0.16416	0.4095	0.19033	0.24575		3.75E-03	0.00044	2.9E-06	0.00079	0.00497		4.95E-03	0.000577	2.33E-06	0.000488	6.02E-03		0.00574	0.000583	1.72E-06	0.000538	0.006863
4613	477863.09	3859877.25	0.21874	0.52941	0.28979	0.24095		4.99E-03	0.00056	4.4E-06	0.00077	0.00633		6.60E-03	0.000746	3.55E-06	0.000478	7.83E-03		0.007648	0.000754	2.62E-06	0.000528	0.008932
4614	478363.09	3859877.25	0.42427	0.81206	0.51868	0.29604		9.68E-03	0.00087	7.8E-06	0.00095	0.0115		1.28E-02	0.001144	6.35E-06	0.000588	1.45E-02		0.014835	0.001156	4.69E-06	0.000648	0.016644
4615	478863.09	3859877.25	0.68743	1.75746	0.83636	0.43167		1.57E-02	0.00187	1.3E-05	0.00138	0.01895		2.07E-02	0.002476	1.02E-05	0.000857	2.41E-02		0.024036	0.002503	7.57E-06	0.000945	0.027492
4616	479363.09	3859877.25	0.94586	2.26298	1.17413	0.77038		2.16E-02	0.00241	1.8E-05	0.00246	0.02648		2.85E-02	0.003188	1.44E-05	0.001529	3.33E-02		0.033072	0.003223	1.06E-05	0.001687	0.037992
4617	479863.09	3859877.25	1.11025	2.30188	1.31241	1.02034		2.53E-02	0.00245	2E-05	0.00326	0.03107		3.35E-02	0.003243	1.61E-05	0.002025	3.88E-02		0.03882	0.003278	1.19E-05	0.002234	0.044344
4618	480363.09	3859877.25	1.17856	2.66262	1.48082	1.22622		2.69E-02	0.00284	2.2E-05	0.00392	0.03367		3.56E-02	0.003751	1.81E-05	0.002434	4.18E-02		0.041208	0.003792	1.34E-05	0.002685	0.047699
4619	480863.09	3859877.25	1.28249	2.2921	1.65604	1.43776		2.93E-02	0.00244	2.5E-05	0.0046	0.03633		3.87E-02	0.003229	2.03E-05	0.002854	4.48E-02		0.044842	0.003264	1.5E-05	0.003148	0.05127
4620	481363.09	3859877.25	1.38342	2.96471	1.68692	1.70825		3.16E-02	0.00316	2.5E-05	0.00546	0.04022		4.18E-02	0.004177	2.06E-05	0.003391	4.93E-02		0.048371	0.004222	1.53E-05	0.00374	0.056349
4621	481863.09	3859877.25	1.4645	2.9519	1.81522	1.84192		3.34E-02	0.00314	2.7E-05	0.00589	0.04248		4.42E-02	0.004159	2.22E-05	0.003656	5.20E-02		0.051206	0.004204	1.64E-05	0.004033	0.05946
4622	482363.09	3859877.25	1.67301	2.8417	1.92146	2.14411		3.82E-02	0.00303	2.9E-05	0.00685	0.04809		5.05E-02	0.004004	2.35E-05	0.004256	5.88E-02		0.058497	0.004047	1.74E-05	0.004695	0.067256
4623	482863.09	3859877.25	1.77529	3.52674	2.28376	2.43818		4.05E-02	0.00376	3.4E-05	0.00779	0.0521		5.36E-02	0.004969	2.8E-05	0.00484	6.34E-02		0.062073	0.005023	2.07E-05	0.005339	0.072455
4624	483363.09	3859877.25	1.80883	2.75361	2.3062	2.73763		4.13E-02	0.00293	3.5E-05	0.00875	0.053		5.46E-02	0.00388	2.82E-05	0.005434	6.39E-02		0.063246	0.003922	2.09E-05	0.005994	0.073183
4625	483863.09	3859877.25	1.70785	2.9519	2.00744	2.8689		3.90E-02	0.00314	3E-05	0.00917	0.05132		5.15E-02	0.004159	2.46E-05	0.005694	6.14E-02		0.059715	0.004204	1.82E-05	0.006282	0.070219
4626	484363.09	3859877.25	1.68263	3.10767	1.79436	2.93619		3.84E-02	0.00331	2.7E-05	0.00939	0.05112		5.08E-02	0.004379	2.2E-05	0.005828	6.10E-02		0.058833	0.004426	1.62E-05	0.006429	0.069704
4627	484863.09	3859877.25	1.68679	3.48023	1.84625	3.04788		3.85E-02	0.00371	2.8E-05	0.00974	0.05197		5.09E-02	0.004903	2.26E-05	0.00605	6.19E-02		0.058979	0.004956	1.67E-05	0.006674	0.070625
4628	485363.09	3859877.25	1.59709	3.55735	1.69965	3.11377		3.64E-02	0.00379	2.6E-05	0.00995	0.05022		4.82E-02	0.005012	2.08E-05	0.006181	5.94E-02		0.055842	0.005066	1.54E-05	0.006818	0.067742
4629	485863.09	3859877.25	1.81094	5.32019	1.84434	2.76701		4.13E-02	0.00567	2.8E-05	0.00885	0.05587		5.47E-02	0.007496	2.26E-05	0.005492	6.77E-02		0.063319	0.007577	1.67E-05	0.006059	0.076972
4630	486363.09	3859877.25	2.14056	5.04801	2.12526	2.59493		4.88E-02	0.00538	3.2E-05	0.0083	0.06256		6.46E-02	0.007112	2.6E-05	0.005151	7.69E-02		0.074845	0.007189	1.92E-05	0.005682	0.087735
4631	486863.09	3859877.25	2.58833	3.70143	2.92465	3.50844		5.91E-02	0.00394	4.4E-05	0.01122	0.07427		7.81E-02	0.005215	3.58E-05	0.006964	9.03E-02		0.090501	0.005271	2.65E-05	0.007682	0.103481
4632	487363.09	3859877.25	2.63586	3.98906	2.81763	4.39675		6.02E-02	0.00425	4.2E-05	0.01406	0.0785		7.96E-02	0.00562	3.45E-05	0.008727	9.39E-02		0.092163	0.005681	2.55E-05	0.009627	0.107497

4633	487863.09	3859877.25	2.48346	4.07611	2.82725	4.53238	5.67E-02	0.00434	4.3E-05	0.01449	0.07555	7.50E-02	0.005743	3.46E-05	0.008996	8.97E-02	0.086834	0.005805	2.56E-05	0.009924	0.102589
4634	488363.09	3859877.25	2.45887	3.83545	2.87912	4.29391	5.61E-02	0.00409	4.3E-05	0.01373	0.07397	7.42E-02	0.005404	3.52E-05	0.008523	8.82E-02	0.085974	0.005462	2.6E-05	0.009402	0.100865
4635	488863.09	3859877.25	3.19395	4.90944	2.89003	4.97509	7.29E-02	0.00523	4.4E-05	0.01591	0.09407	9.64E-02	0.006917	3.54E-05	0.009875	1.13E-01	0.111676	0.006992	2.61E-05	0.010894	0.129588
4636	489363.09	3859877.25	3.37578	4.48112	3.15146	5.27171	7.70E-02	0.00477	4.7E-05	0.01685	0.09871	1.02E-01	0.006314	3.86E-05	0.010464	1.19E-01	0.118034	0.006382	2.85E-05	0.011543	0.135988
4637	489863.09	3859877.25	3.52357	5.13026	3.3235	7.08716	8.04E-02	0.00547	5E-05	0.02266	0.10858	1.06E-01	0.007228	4.07E-05	0.014067	1.28E-01	0.123201	0.007306	3.01E-05	0.015519	0.146056
4638	490363.09	3859877.25	2.67416	3.8442	2.50798	4.7684	6.10E-02	0.0041	3.8E-05	0.01524	0.0804	8.07E-02	0.005416	3.07E-05	0.009465	9.56E-02	0.093502	0.005475	2.27E-05	0.010441	0.10944
4639	490863.09	3859877.25	2.07165	3.3094	2.50679	3.89706	4.73E-02	0.00353	3.8E-05	0.01246	0.0633	6.25E-02	0.004663	3.07E-05	0.007735	7.50E-02	0.072435	0.004713	2.27E-05	0.008533	0.085704
4640	491363.09	3859877.25	2.08232	3.12767	2.0196	3.67907	4.75E-02	0.00333	3E-05	0.01176	0.06264	6.28E-02	0.004407	2.47E-05	0.007303	7.46E-02	0.072808	0.004454	1.83E-05	0.008056	0.085337
4641	491863.09	3859877.25	2.26749	3.8489	2.13297	4.74632	5.17E-02	0.0041	3.2E-05	0.01517	0.07105	6.84E-02	0.005423	2.61E-05	0.009421	8.33E-02	0.079283	0.005481	1.93E-05	0.010393	0.095176
4642	492363.09	3859877.25	2.1448	3.37486	2.3702	4.22073	4.89E-02	0.0036	3.6E-05	0.01349	0.06607	6.47E-02	0.004755	2.9E-05	0.008378	7.79E-02	0.074993	0.004806	2.14E-05	0.009242	0.089063
4643	492863.09	3859877.25	1.96091	3.00963	2.19049	3.49924	4.47E-02	0.00321	3.3E-05	0.01119	0.05918	5.92E-02	0.00424	2.68E-05	0.006946	7.04E-02	0.068563	0.004286	1.98E-05	0.007662	0.080531
4644	493363.09	3859877.25	1.72282	2.752	2.094	3.13181	3.93E-02	0.00293	3.2E-05	0.01001	0.05229	5.20E-02	0.003877	2.56E-05	0.006216	6.21E-02	0.060238	0.003919	1.89E-05	0.006858	0.071034
4645	493863.09	3859877.25	1.60008	2.26768	2.01964	2.4228	3.65E-02	0.00242	3E-05	0.00775	0.04671	4.83E-02	0.003195	2.47E-05	0.004809	5.63E-02	0.055947	0.00323	1.83E-05	0.005305	0.0645
4646	494363.09	3859877.25	1.48693	1.97488	1.85311	1.81202	3.39E-02	0.0021	2.8E-05	0.00579	0.04186	4.49E-02	0.002782	2.27E-05	0.003597	5.13E-02	0.05199	0.002813	1.68E-05	0.003968	0.058787
4647	494863.09	3859877.25	1.37553	1.9715	1.87249	1.62379	3.14E-02	0.0021	2.8E-05	0.00519	0.03871	4.15E-02	0.002778	2.29E-05	0.003223	4.75E-02	0.048095	0.002808	1.69E-05	0.003556	0.054476
4648	495363.09	3859877.25	1.36025	1.91942	1.73178	1.44389	3.10E-02	0.00204	2.6E-05	0.00462	0.03773	4.11E-02	0.002704	2.12E-05	0.002866	4.66E-02	0.047561	0.002734	1.57E-05	0.003162	0.053472
4649	495863.09	3859877.25	1.2807	1.61325	1.49596	1.23554	2.92E-02	0.00172	2.3E-05	0.00395	0.03492	3.87E-02	0.002273	1.83E-05	0.002452	4.34E-02	0.04478	0.002298	1.35E-05	0.002705	0.049796
4650	496363.09	3859877.25	1.15013	1.38707	1.29149	0.91615	2.62E-02	0.00148	1.9E-05	0.00293	0.03067	3.47E-02	0.001954	1.58E-05	0.001818	3.85E-02	0.040214	0.001975	1.17E-05	0.002006	0.044207
4651	496863.09	3859877.25	0.75975	1.09124	0.86864	0.53426	1.73E-02	0.00116	1.3E-05	0.00171	0.02022	2.29E-02	0.001537	1.06E-05	0.00106	2.55E-02	0.026565	0.001554	7.86E-06	0.00117	0.029296
4652	497363.09	3859877.25	0.92403	1.33006	1.1676	0.81526	2.11E-02	0.00142	1.8E-05	0.00261	0.02513	2.79E-02	0.001874	1.43E-05	0.001618	3.14E-02	0.032309	0.001894	1.06E-05	0.001785	0.035999
4653	497863.09	3859877.25	0.942	1.80476	1.10811	1.24256	2.15E-02	0.00192	1.7E-05	0.00397	0.02741	2.84E-02	0.002543	1.36E-05	0.002466	3.35E-02	0.032937	0.00257	1E-05	0.002721	0.038238
4654	498363.09	3859877.25	0.81627	1.50429	0.8999	1.42573	1.86E-02	0.0016	1.4E-05	0.00456	0.0248	2.46E-02	0.002119	1.1E-05	0.00283	2.96E-02	0.028541	0.002142	8.14E-06	0.003122	0.033813
4655	471363.09	3860377.25	0.51886	1.13138	0.70091	0.56278	1.18E-02	0.00121	1.1E-05	0.0018	0.01486	1.57E-02	0.001594	8.58E-06	0.001117	1.84E-02	0.018142	0.001611	6.34E-06	0.001232	0.020992
4656	471863.09	3860377.25	0.52728	1.23884	0.71784	0.60124	1.20E-02	0.00132	1.1E-05	0.00192	0.01529	1.59E-02	0.001745	8.79E-06	0.001193	1.89E-02	0.018436	0.001764	6.49E-06	0.001317	0.021524
4657	472363.09	3860377.25	0.5434	1.2643	0.72179	0.62861	1.24E-02	0.00135	1.1E-05	0.00201	0.01577	1.64E-02	0.001781	8.83E-06	0.001248	1.94E-02	0.019	0.001801	6.53E-06	0.001376	0.022183
4658	472863.09	3860377.25	0.58976	1.20266	0.71368	0.65347	1.35E-02	0.00128	1.1E-05	0.00209	0.01684	1.78E-02	0.001694	8.73E-06	0.001297	2.08E-02	0.020621	0.001713	6.46E-06	0.001431	0.023771
4659	473363.09	3860377.25	0.63595	1.19279	0.7111	0.66613	1.45E-02	0.00127	1.1E-05	0.00213	0.01792	1.92E-02	0.001681	8.7E-06	0.001322	2.22E-02	0.022236	0.001699	6.43E-06	0.001459	0.0254
4660	473863.09	3860377.25	0.68425	1.08476	0.7984	0.6869	1.56E-02	0.00116	1.2E-05	0.0022	0.01898	2.07E-02	0.001528	9.77E-06	0.001363	2.36E-02	0.023925	0.001545	7.22E-06	0.001504	0.026981
4661	474363.09	3860377.25	0.73149	1.05649	0.91717	0.72942	1.67E-02	0.00113	1.4E-05	0.00233	0.02016	2.21E-02	0.001489	1.12E-05	0.001448	2.50E-02	0.025577	0.001505	8.3E-06	0.001597	0.028687
4662	474863.09	3860377.25	0.70762	1.24632	0.92461	0.64711	1.61E-02	0.00133	1.4E-05	0.00207	0.01956	2.14E-02	0.001756	1.13E-05	0.001284	2.44E-02	0.024742	0.001775	8.36E-06	0.001417	0.027942
4663	475363.09	3860377.25	0.59332	1.41862	0.79799	0.42092	1.35E-02	0.00151	1.2E-05	0.00135	0.01641	1.79E-02	0.001999	9.77E-06	0.000835	2.08E-02	0.020745	0.00202	7.22E-06	0.000922	0.023695
4664	475863.09	3860377.25	0.44636	1.06489	0.59094	0.28837	1.02E-02	0.00113	8.9E-06	0.00092	0.01225	1.35E-02	0.0015	7.23E-06	0.000572	1.56E-02	0.015607	0.001517	5.35E-06	0.000631	0.01776
4665	476363.09	3860377.25	0.37192	0.72589	0.43244	0.23453	8.49E-03	0.00077	6.5E-06	0.00075	0.01002	1.12E-02	0.001023	5.29E-06	0.000466	1.27E-02	0.013004	0.001034	3.91E-06	0.000514	0.014555
4666	476863.09	3860377.25	0.31272	0.63988	0.41894	0.26298	7.14E-03	0.00068	6.3E-06	0.00084	0.00867	9.44E-03	0.000902	5.13E-06	0.000522	1.09E-02	0.010934	0.000911	3.79E-06	0.000576	0.012425
4667	477363.09	3860377.25	0.18697	0.42312	0.26924	0.22666	4.27E-03	0.00045	4.1E-06	0.00072	0.00545	5.64E-03	0.000596	3.3E-06	0.00045	6.69E-03	0.006537	0.000603	2.44E-06	0.000496	0.007639
4668	477863.09	3860377.25	0.21191	0.435	0.29148	0.22173	4.84E-03	0.00046	4.4E-06	0.00071	0.00601	6.40E-03	0.000613	3.57E-06	0.00044	7.45E-03	0.007409	0.00062	2.64E-06	0.000486	0.008517
4669	478363.09	3860377.25	0.47017	1.18487	0.57711	0.30883	1.07E-02	0.00126	8.7E-06	0.00099	0.01299	1.42E-02	0.001669	7.06E-06	0.000613	1.65E-02	0.016439	0.001687	5.22E-06	0.000676	0.018808
4670	478863.09	3860377.25	0.74959	1.54744	0.91469	0.4069	1.71E-02	0.00165	1.4E-05	0.0013	0.02007	2.26E-02	0.00218	1.12E-05	0.000808	2.56E-02	0.026209	0.002204	8.27E-06	0.000891	0.029312
4671	479363.09	3860377.25	1.01934	1.8572	1.19633	0.73556	2.33E-02	0.00198	1.8E-05	0.00235	0.02761	3.08E-02	0.002617	1.46E-05	0.00146	3.49E-02	0.035641	0.002645	1.08E-05	0.001611	0.039908
4672	479863.09	3860377.25	1.09456	2.85091	1.37831	1.01262	2.50E-02	0.00304	2.1E-05	0.00324	0.03127	3.30E-02	0.004017	1.69E-05	0.00201	3.91E-02	0.038271	0.00406	1.25E-05	0.002217	0.044561
4673	480363.09	3860377.25	1.12704	2.38798	1.44554	1.30608	2.57E-02	0.00254	2.2E-05	0.00418	0.03246	3.40E-02	0.003365	1.77E-05	0.002592	4.00E-02	0.039407	0.003401	1.31E-05	0.00286	0.045681
4674	480863.09	3860377.25	1.2234	2.23252	1.42299	1.57932	2.79E-02	0.00238	2.1E-05	0.00505	0.03537	3.69E-02	0.003145	1.74E-05	0.003135	4.32E-02	0.042776	0.003179	1.29E-05	0.003458	0.049427
4675	481363.09	3860377.25	1.29801	2.0766	1.55509	1.67062	2.96E-02	0.00221	2.3E-05	0.00534	0.0372	3.92E-02	0.002926	1.9E-05	0.003316	4.54E-02	0.045385	0.002957	1.41E-05	0.003658	0.052014
4676	481863.09	3860377.25	1.39199	2.29774	1.58442	1.94281	3.18E-02	0.00245	2.4E-05	0.00621	0.04045	4.20E-02	0.003237	1.94E-05	0.003856	4.91E-02	0.048671	0.003272	1.43E-05	0.004254	0.056212
4677	482363.09	3860377.25	1.54609	3.04801	1.90743	2.01141	3.53E-02	0.00325	2.9E-05	0.00643	0.04499	4.67E-02	0.004294	2.33E-05	0.003992	5.50E-02	0.054059	0.004341	1.73E-05	0.004404	0.062821
4678	482863.09	3860377.25	1.59123	2.97826	1.99227	2.35472	3.63E-02	0.00317	3E-05	0.00753	0.04704	4.80E-02	0.004196	2.44E-05	0.004674	5.69E-02	0.055637	0.004241	1.8E-05	0.005156	0.065053
4679	483363.09	3860377.25	1.58208	2.57854	1.83511	2.5567	3.61E-02	0.00275	2.8E-05	0.00817	0.04705	4.77E-02	0.003633	2.25E-05	0.005075	5.65E-02	0.055317	0.003672	1.66E-05	0.005598	0.064604
4680	483863.09	3860377.25	1.57417	2.57939	1.68983	2.63571	3.59E-02	0.00275	2.5E-05	0.00843	0.04712	4.75E-02	0.003634	2.07E-05	0.005232	5.64E-02	0.055041	0.003673	1.53E-05	0.005771	0.064501
4681	484363.09	3860377.25	1.45201	2.73521	1.65319	2.70578	3.31E-02	0.00291	2.5E-05	0.00865	0.04473	4.38E-02	0.003854	2.02E-05	0.005371	5.31E-02	0.050769	0.003895	1.5E-05	0.005925	0.060604
4682	484863.09	3860377.25	1.35531	3.14001	1.61414	2.65512	3.09E-02	0.00335	2.4E-05	0.00849	0.04279	4.09E-02	0.004424	1.98E-05	0.00527	5.06E-02	0.047388	0.004472	1.46E-05	0.005814	0.057689
4683	485363.09	3860377.25	1.27904	3.15287	1.40872	2.29635	2.92E-02	0.00336	2.1E-05	0.00734	0.03991	3.86E-02	0.004442	1.72E-05	0.004558	4.76E-02	0.044722	0.00449	1.27E-05	0.005028	0.054253
4684	485863.09	3860377.25	1.5328	4.03624	1.56519	2.13809	3.50E-02	0.0043	2.4E-05	0.00684	0.04614	4.63E-02	0.005687	1.92E-05	0.004244	5.62E-02	0.053594	0.005748	1.42E-05	0.004682	0.064038
4685	486363.09	3860377.25	1.74234	3.62832	1.70863	2.18407	3.98E-02	0.00387	2.6E-05	0.00698	0.05064	5.26E-02	0.005112	2.09E-05	0.004335	6.21E-02	0.060921	0.005167	1.55E-05	0.004782	0.070886
4686	486863.09	3860377.25	2.04272	2.63087	2.32067	2.77168	4.66E-02	0.0028	3.5E-05	0.00886	0.05832	6.17E-02	0.003707	2.84E-05	0.005501	7.09E-02	0.071424	0.003747	2.1E-05	0.006069	0.08126
4687	487363.09	3860377.25	2.18579	2.91411	2.55567	3.54828	4.99E-02	0.0031	3.9E-05	0.01134	0.06437	6.60E-02	0.004106	3.13E-05	0.007043	7.71E-02	0.076426	0.00415	2.31E-05	0.00777	0.088369
4688	487863.09	3860377.25	2.12536	3.56068	2.21449	3.89472	4.85E-02	0.00379	3.3E-05	0.01245	0.06478	6.41E-02	0.005017	2.71E-05	0.007731	7.69E-02	0.074313	0.005071	2E-05	0.008528	0.087932
4689	488363.09	3860377.25	2.11691	2.91846	2.41125	3.62534	4.83E-02	0.00311	3.6E-05	0.01159	0.06305	6.39E-02	0.004112	2.95E-05	0.007196	7.52E-02	0.074018	0.004156	2.18E-05	0.007938	0.086134
4690	488863.09	3860377.25	2.35749	3.20228	2.41355	3.70314	5.38E-02	0.00341	3.6E-05	0.01184	0.06909	7.12E-02	0.004512	2.95E-05	0.00735	8.30E-02	0.08243	0.004561	2.18E-05	0.008109	0.09512
4691	489363.09	3860377.25	2.48906	3.33735	2.59338	4.07431	5.68E-02	0.00356	3.9E-05	0.01303	0.07342	7.51E-02	0.004702	3.17E-05	0.008087	8.79E-02	0.08703	0.004753	2.35E-05	0.008921	0.100728
4692	489863.09	3860377.25	2.64899	3.57168	2.64634	4.18347	6.05E-02	0.00381	4E-05	0.01337	0.07767	7.99E-02	0.005032	3.24E-05	0.008304	9.33E-02	0.092622	0.005087	2.39E-05	0.00916	0.106893
4693	490363.09	3860377.25	2.8105	4.1946	2.78245	5.77242	6.41E-02	0.00447	4.2E-05	0.01845	0.0871	8.48E-02	0.00591	3.41E-05	0.011458	1.02E-01	0.098269	0.005974	2.52E-05	0.01264	0.116908

4694	490863.09	3860377.25	2.13052	3.1229	2.35301	3.80115	4.86E-02	0.00333	3.5E-05	0.01215	0.06413	6.43E-02	0.0044	2.88E-05	0.007545	7.63E-02	0.074494	0.004447	2.13E-05	0.008323	0.087286
4695	491363.09	3860377.25	1.85985	2.85736	2.00728	3.58729	4.24E-02	0.00304	3E-05	0.01147	0.05699	5.61E-02	0.004026	2.46E-05	0.00712	6.73E-02	0.06503	0.004069	1.82E-05	0.007855	0.076972
4696	491863.09	3860377.25	1.4705	2.00249	1.66034	2.45872	3.36E-02	0.00213	2.5E-05	0.00786	0.04358	4.44E-02	0.002821	2.03E-05	0.00488	5.21E-02	0.051416	0.002852	1.5E-05	0.005384	0.059667
4697	492363.09	3860377.25	1.66107	2.70653	1.67605	3.25943	3.79E-02	0.00288	2.5E-05	0.01042	0.05124	5.01E-02	0.003813	2.05E-05	0.00647	6.04E-02	0.058079	0.003854	1.52E-05	0.007137	0.069086
4698	492863.09	3860377.25	1.7621	3.03244	1.79012	3.69558	4.02E-02	0.00323	2.7E-05	0.01181	0.05528	5.32E-02	0.004273	2.19E-05	0.007335	6.48E-02	0.061612	0.004319	1.62E-05	0.008092	0.074039
4699	493363.09	3860377.25	1.75308	2.77283	1.91805	3.44096	4.00E-02	0.00295	2.9E-05	0.011	0.05399	5.29E-02	0.003907	2.35E-05	0.00683	6.37E-02	0.061296	0.003949	1.74E-05	0.007535	0.072797
4700	493863.09	3860377.25	1.5856	2.35439	1.78323	2.76621	3.62E-02	0.00251	2.7E-05	0.00884	0.04756	4.79E-02	0.003317	2.18E-05	0.005491	5.67E-02	0.05544	0.003353	1.61E-05	0.006057	0.064867
4701	494363.09	3860377.25	1.42853	2.31602	1.66142	2.79474	3.26E-02	0.00247	2.5E-05	0.00893	0.04403	4.31E-02	0.003263	2.03E-05	0.005547	5.19E-02	0.049948	0.003298	1.5E-05	0.00612	0.059381
4702	494863.09	3860377.25	1.33938	2.02624	1.62922	2.35245	3.06E-02	0.00216	2.5E-05	0.00752	0.04027	4.04E-02	0.002855	1.99E-05	0.004669	4.80E-02	0.046831	0.002886	1.47E-05	0.005151	0.054883
4703	495363.09	3860377.25	1.21002	1.68387	1.49295	1.85996	2.76E-02	0.00179	2.2E-05	0.00595	0.03538	3.65E-02	0.002372	1.83E-05	0.003692	4.26E-02	0.042308	0.002398	1.35E-05	0.004073	0.048793
4704	495863.09	3860377.25	1.13496	1.58605	1.58858	1.60583	2.59E-02	0.00169	2.4E-05	0.00513	0.03275	3.43E-02	0.002235	1.94E-05	0.003187	3.97E-02	0.039684	0.002259	1.44E-05	0.003516	0.045473
4705	496363.09	3860377.25	1.25609	1.773	1.71407	1.25717	2.87E-02	0.00189	2.6E-05	0.00402	0.0346	3.79E-02	0.002498	2.1E-05	0.002495	4.29E-02	0.043919	0.002525	1.55E-05	0.002753	0.049212
4706	496863.09	3860377.25	1.15368	1.48849	1.45165	0.96819	2.63E-02	0.00159	2.2E-05	0.0031	0.03103	3.48E-02	0.002097	1.78E-05	0.001922	3.89E-02	0.040338	0.00212	1.31E-05	0.00212	0.044591
4707	497363.09	3860377.25	0.97053	1.26239	1.14575	0.71531	2.21E-02	0.00134	1.7E-05	0.00229	0.0258	2.93E-02	0.001779	1.4E-05	0.00142	3.25E-02	0.033935	0.001798	1.04E-05	0.001566	0.037309
4708	497863.09	3860377.25	0.96912	1.18072	1.1546	1.03259	2.21E-02	0.00126	1.7E-05	0.0033	0.02669	2.92E-02	0.001664	1.41E-05	0.00205	3.30E-02	0.033885	0.001682	1.04E-05	0.002261	0.037838
4709	498363.09	3860377.25	0.77348	1.06636	0.89745	1.29889	1.77E-02	0.00114	1.4E-05	0.00415	0.02295	2.33E-02	0.001502	1.1E-05	0.002578	2.74E-02	0.027045	0.001519	8.12E-06	0.002844	0.031416
4710	471363.09	3860877.25	0.48186	1.0268	0.64087	0.61856	1.10E-02	0.00109	9.7E-06	0.00198	0.01408	1.45E-02	0.001447	7.84E-06	0.001228	1.72E-02	0.016848	0.001462	5.8E-06	0.001354	0.019671
4711	471863.09	3860877.25	0.52912	1.02589	0.63686	0.62833	1.21E-02	0.00109	9.6E-06	0.00201	0.01519	1.60E-02	0.001445	7.79E-06	0.001247	1.87E-02	0.018501	0.001461	5.76E-06	0.001376	0.021343
4712	472363.09	3860877.25	0.57282	0.91417	0.6329	0.63519	1.31E-02	0.00097	9.5E-06	0.00203	0.01609	1.73E-02	0.001288	7.75E-06	0.001261	1.98E-02	0.020029	0.001302	5.73E-06	0.001391	0.022727
4713	472863.09	3860877.25	0.60616	0.76588	0.71276	0.65221	1.38E-02	0.00082	1.1E-05	0.00209	0.01674	1.83E-02	0.001079	8.72E-06	0.001295	2.07E-02	0.021194	0.001091	6.45E-06	0.001428	0.02372
4714	473363.09	3860877.25	0.63995	0.85403	0.79237	0.7283	1.46E-02	0.00091	1.2E-05	0.00233	0.01785	1.93E-02	0.001203	9.7E-06	0.001446	2.20E-02	0.022376	0.001216	7.17E-06	0.001595	0.025194
4715	473863.09	3860877.25	0.67489	0.95544	0.85908	0.79034	1.54E-02	0.00102	1.3E-05	0.00253	0.01896	2.04E-02	0.001346	1.05E-05	0.001569	2.33E-02	0.023597	0.001361	7.77E-06	0.001731	0.026697
4716	474363.09	3860877.25	0.70498	1.01402	0.9147	0.78751	1.61E-02	0.00108	1.4E-05	0.00252	0.0197	2.13E-02	0.001429	1.12E-05	0.001563	2.43E-02	0.02465	0.001444	8.28E-06	0.001724	0.027826
4717	474863.09	3860877.25	0.71733	1.03322	0.93542	0.77326	1.64E-02	0.0011	1.4E-05	0.00247	0.01996	2.16E-02	0.001456	1.14E-05	0.001535	2.47E-02	0.025081	0.001471	8.46E-06	0.001693	0.028255
4718	475363.09	3860877.25	0.71411	1.25811	0.94341	0.68026	1.63E-02	0.00134	1.4E-05	0.00217	0.01983	2.16E-02	0.001773	1.15E-05	0.00135	2.47E-02	0.024969	0.001792	8.53E-06	0.00149	0.028259
4719	475863.09	3860877.25	0.68192	1.36279	0.91693	0.53233	1.56E-02	0.00145	1.4E-05	0.0017	0.01873	2.06E-02	0.00192	1.12E-05	0.001057	2.36E-02	0.023843	0.001941	8.3E-06	0.001166	0.026958
4720	476363.09	3860877.25	0.60597	1.31938	0.83502	0.37693	1.38E-02	0.00141	1.3E-05	0.00121	0.01645	1.83E-02	0.001859	1.02E-05	0.000748	2.09E-02	0.021188	0.001879	7.55E-06	0.000825	0.0239
4721	476863.09	3860877.25	0.55981	1.42423	0.78904	0.37149	1.28E-02	0.00152	1.2E-05	0.00119	0.01549	1.69E-02	0.002007	9.66E-06	0.000737	1.96E-02	0.019574	0.002028	7.14E-06	0.000813	0.022423
4722	477363.09	3860877.25	0.56287	1.19094	0.77298	0.39609	1.28E-02	0.00127	1.2E-05	0.00127	0.01539	1.70E-02	0.001678	9.46E-06	0.000786	1.95E-02	0.019681	0.001696	6.99E-06	0.000867	0.022251
4723	477863.09	3860877.25	0.53598	1.01111	0.63174	0.29843	1.22E-02	0.00108	9.5E-06	0.00095	0.01427	1.62E-02	0.001425	7.73E-06	0.000592	1.82E-02	0.018741	0.00144	5.72E-06	0.000653	0.02084
4724	478363.09	3860877.25	0.29515	0.60255	0.36449	0.25419	6.74E-03	0.00064	5.5E-06	0.00081	0.0082	8.91E-03	0.000849	4.46E-06	0.000505	1.03E-02	0.01032	0.000858	3.3E-06	0.000557	0.011738
4725	478863.09	3860877.25	0.77752	1.36022	0.93446	0.39751	1.77E-02	0.00145	1.4E-05	0.00127	0.02048	2.35E-02	0.001916	1.14E-05	0.000789	2.62E-02	0.027186	0.001937	8.45E-06	0.00087	0.030002
4726	479363.09	3860877.25	1.01561	2.89814	1.24694	0.70263	2.32E-02	0.00309	1.9E-05	0.00225	0.02853	3.07E-02	0.004083	1.53E-05	0.001395	3.61E-02	0.035511	0.004127	1.13E-05	0.001539	0.041188
4727	479863.09	3860877.25	1.01369	1.89412	1.28272	1.02798	2.31E-02	0.00202	1.9E-05	0.00329	0.02846	3.06E-02	0.002669	1.57E-05	0.00204	3.53E-02	0.035444	0.002698	1.16E-05	0.002251	0.040404
4728	480363.09	3860877.25	1.09679	1.8329	1.25056	1.41906	2.50E-02	0.00195	1.9E-05	0.00454	0.03154	3.31E-02	0.002582	1.53E-05	0.002817	3.85E-02	0.038349	0.00261	1.13E-05	0.003107	0.044078
4729	480863.09	3860877.25	1.1416	1.8092	1.3098	1.53687	2.61E-02	0.00193	2E-05	0.00491	0.03291	3.45E-02	0.002549	1.6E-05	0.003051	4.01E-02	0.039916	0.002577	1.18E-05	0.003365	0.04587
4730	481363.09	3860877.25	1.16632	2.14226	1.35953	1.64176	2.66E-02	0.00228	2E-05	0.00525	0.03417	3.52E-02	0.003018	1.66E-05	0.003259	4.15E-02	0.04078	0.003051	1.23E-05	0.003595	0.047438
4731	481863.09	3860877.25	1.3362	2.03404	1.50945	1.6818	3.05E-02	0.00217	2.3E-05	0.00538	0.03806	4.03E-02	0.002866	1.85E-05	0.003338	4.66E-02	0.04672	0.002897	1.37E-05	0.003683	0.053313
4732	482363.09	3860877.25	1.39729	2.58651	1.69447	1.90904	3.19E-02	0.00276	2.6E-05	0.0061	0.04077	4.22E-02	0.003644	2.07E-05	0.003789	4.96E-02	0.048856	0.003684	1.53E-05	0.00418	0.056735
4733	482863.09	3860877.25	1.3929	2.367	1.62464	2.31532	3.18E-02	0.00252	2.4E-05	0.0074	0.04174	4.20E-02	0.003335	1.99E-05	0.004596	5.00E-02	0.048703	0.003371	1.47E-05	0.00507	0.057158
4734	483363.09	3860877.25	1.36436	2.07946	1.51144	2.39452	3.11E-02	0.00222	2.3E-05	0.00766	0.04103	4.12E-02	0.00293	1.85E-05	0.004753	4.89E-02	0.047705	0.002961	1.37E-05	0.005243	0.055923
4735	483863.09	3860877.25	1.31238	2.3345	1.56028	2.44282	2.99E-02	0.00249	2.4E-05	0.00781	0.04027	3.96E-02	0.003289	1.91E-05	0.004849	4.78E-02	0.045887	0.003325	1.41E-05	0.005349	0.054575
4736	484363.09	3860877.25	1.22844	2.88712	1.55615	2.32322	2.80E-02	0.00308	2.3E-05	0.00743	0.03856	3.71E-02	0.004068	1.9E-05	0.004611	4.58E-02	0.042952	0.004112	1.41E-05	0.005087	0.052165
4737	484863.09	3860877.25	1.16013	2.10178	1.3477	1.9865	2.65E-02	0.00224	2E-05	0.00635	0.03509	3.50E-02	0.002961	1.65E-05	0.003943	4.19E-02	0.040564	0.002993	1.22E-05	0.00435	0.047919
4738	485363.09	3860877.25	1.11776	3.5907	1.27607	1.90474	2.55E-02	0.00383	1.9E-05	0.00609	0.03544	3.37E-02	0.005059	1.56E-05	0.003781	4.26E-02	0.039082	0.005114	1.15E-05	0.004171	0.048378
4739	485863.09	3860877.25	1.28778	3.50524	1.36302	1.96639	2.94E-02	0.00373	2.1E-05	0.00629	0.03943	3.89E-02	0.004939	1.67E-05	0.003903	4.77E-02	0.045027	0.004992	1.23E-05	0.004306	0.054337
4740	486363.09	3860877.25	1.44745	3.07353	1.45876	1.95178	3.30E-02	0.00327	2.2E-05	0.00624	0.04257	4.37E-02	0.00433	1.79E-05	0.003874	5.19E-02	0.05061	0.004377	1.32E-05	0.004274	0.059274
4741	486863.09	3860877.25	1.65869	2.17923	1.86305	2.29737	3.79E-02	0.00232	2.8E-05	0.00734	0.04755	5.01E-02	0.00307	2.28E-05	0.00456	5.77E-02	0.057996	0.003104	1.69E-05	0.00503	0.066147
4742	487363.09	3860877.25	1.88213	2.31528	2.24719	2.80739	4.30E-02	0.00247	3.4E-05	0.00898	0.05443	5.68E-02	0.003262	2.75E-05	0.005572	6.57E-02	0.065809	0.003297	2.03E-05	0.006147	0.075273
4743	487863.09	3860877.25	1.8781	3.40405	1.82784	3.37198	4.29E-02	0.00363	2.8E-05	0.01078	0.05729	5.67E-02	0.004796	2.24E-05	0.006693	6.82E-02	0.065668	0.004848	1.65E-05	0.007384	0.077916
4744	488363.09	3860877.25	1.82351	2.72888	2.05684	3.2505	4.16E-02	0.00291	3.1E-05	0.01039	0.05494	5.50E-02	0.003845	2.52E-05	0.006452	6.54E-02	0.063759	0.003886	1.86E-05	0.007118	0.074781
4745	488863.09	3860877.25	1.82897	2.40127	2.07889	3.00456	4.17E-02	0.00256	3.1E-05	0.00961	0.05393	5.52E-02	0.003383	2.54E-05	0.005964	6.46E-02	0.06395	0.00342	1.88E-05	0.006579	0.073967
4746	489363.09	3860877.25	2.12048	3.27581	1.88905	3.34414	4.84E-02	0.00349	2.8E-05	0.01069	0.0626	6.40E-02	0.004615	2.31E-05	0.006638	7.53E-02	0.074142	0.004665	1.71E-05	0.007323	0.086147
4747	489863.09	3860877.25	1.98053	2.41417	2.24456	3.4361	4.52E-02	0.00257	3.4E-05	0.01099	0.05879	5.98E-02	0.003401	2.75E-05	0.00682	7.00E-02	0.069249	0.003438	2.03E-05	0.007524	0.080231
4748	490363.09	3860877.25	2.17873	2.92365	2.19402	3.48057	4.97E-02	0.00311	3.3E-05	0.01113	0.064	6.58E-02	0.004119	2.69E-05	0.006909	7.68E-02	0.076179	0.004164	1.98E-05	0.007621	0.087984
4749	490863.09	3860877.25	2.31458	3.5125	2.35891	4.80297	5.28E-02	0.00374	3.6E-05	0.01536	0.07195	6.99E-02	0.004949	2.89E-05	0.009533	8.44E-02	0.080929	0.005002	2.13E-05	0.010517	0.09647
4750	491363.09	3860877.25	1.86984	2.55732	2.13018	3.29032	4.27E-02	0.00272	3.2E-05	0.01052	0.05595	5.64E-02	0.003603	2.61E-05	0.006531	6.66E-02	0.065379	0.003642	1.93E-05	0.007205	0.076245
4751	491863.09	3860877.25	1.6519	2.47185	1.63892	3.08438	3.77E-02	0.00263	2.5E-05	0.00986	0.05022	4.99E-02	0.003483	2.01E-05	0.006122	5.95E-02	0.057759	0.00352	1.48E-05	0.006754	0.068047
4752	492363.09	3860877.25	1.2817	1.9139	1.48602	2.30965	2.92E-02	0.00204	2.2E-05	0.00738	0.03869	3.87E-02	0.002697	1.82E-05	0.004584	4.60E-02	0.044815	0.002726	1.34E-05	0.005057	0.052611
4753	492863.09	3860877.25	1.13436	1.58707	1.2786	1.90617	2.59E-02	0.00169	1.9E-05	0.00609	0.03369	3.42E-02	0.002236	1.56E-05	0.003784	4.03E-02	0.039663	0.00226	1.16E-05	0.004174	0.046108
4754	493363.09	3860877.25	1.35	2.32661	1.40178	2.86152	3.08E-02	0.00248	2.1E-05	0.00915	0.04246	4.07E-02	0.003278	1.72E-05	0.00568	4.97E-02	0.047203	0.003313	1.27E-05	0.006266	0.056795

4755	493863.09	3860877.25	1.40947	2.48837	1.51132	3.08653	3.22E-02	0.00265	2.3E-05	0.00987	0.04471	4.25E-02	0.003506	1.85E-05	0.006126	5.22E-02	0.049282	0.003544	1.37E-05	0.006758	0.059598
4756	494363.09	3860877.25	1.37166	2.23729	1.5191	2.71555	3.13E-02	0.00238	2.3E-05	0.00868	0.04239	4.14E-02	0.003152	1.86E-05	0.00539	5.00E-02	0.04796	0.003186	1.37E-05	0.005946	0.057106
4757	494863.09	3860877.25	1.29318	1.92763	1.48072	2.32626	2.95E-02	0.00205	2.2E-05	0.00744	0.03902	3.90E-02	0.002716	1.81E-05	0.004617	4.64E-02	0.045216	0.002745	1.34E-05	0.005094	0.053068
4758	495363.09	3860877.25	1.20899	1.92198	1.41075	2.2571	2.76E-02	0.00205	2.1E-05	0.00722	0.03687	3.65E-02	0.002708	1.73E-05	0.00448	4.37E-02	0.042272	0.002737	1.28E-05	0.004942	0.049965
4759	495863.09	3860877.25	1.15432	1.77787	1.33971	2.03952	2.63E-02	0.00189	2E-05	0.00652	0.03478	3.48E-02	0.002505	1.64E-05	0.004048	4.14E-02	0.040361	0.002532	1.21E-05	0.004466	0.047371
4760	496363.09	3860877.25	1.06799	1.57041	1.28277	1.76025	2.44E-02	0.00167	1.9E-05	0.00563	0.03169	3.22E-02	0.002213	1.57E-05	0.003494	3.80E-02	0.037342	0.002236	1.16E-05	0.003854	0.043445
4761	496863.09	3860877.25	1.00057	1.30476	1.3704	1.5374	2.28E-02	0.00139	2.1E-05	0.00492	0.02916	3.02E-02	0.001838	1.68E-05	0.003052	3.51E-02	0.034985	0.001858	1.24E-05	0.003366	0.040222
4762	497363.09	3860877.25	0.99488	1.33644	1.37354	1.44634	2.27E-02	0.00142	2.1E-05	0.00462	0.02877	3.00E-02	0.001883	1.68E-05	0.002871	3.48E-02	0.034786	0.001903	1.24E-05	0.003167	0.039869
4763	497863.09	3860877.25	0.98837	1.36777	1.30733	1.21321	2.26E-02	0.00146	2E-05	0.00388	0.02791	2.98E-02	0.001927	1.6E-05	0.002408	3.42E-02	0.034558	0.001948	1.18E-05	0.002657	0.039175
4764	498363.09	3860877.25	0.82825	1.04343	0.97562	1.16291	1.89E-02	0.00111	1.5E-05	0.00372	0.02375	2.50E-02	0.00147	1.19E-05	0.002308	2.88E-02	0.02896	0.001486	8.83E-06	0.002546	0.033001
4765	471363.09	3861377.25	0.52264	0.65122	0.5824	0.61382	1.19E-02	0.00069	8.8E-06	0.00196	0.01459	1.58E-02	0.000918	7.13E-06	0.001218	1.79E-02	0.018274	0.000927	5.27E-06	0.001344	0.020551
4766	471863.09	3861377.25	0.55703	0.64797	0.66503	0.61982	1.27E-02	0.00069	1E-05	0.00198	0.01539	1.68E-02	0.000913	8.14E-06	0.00123	1.90E-02	0.019477	0.000923	6.02E-06	0.001357	0.021763
4767	472363.09	3861377.25	0.58509	0.86341	0.72998	0.67614	1.34E-02	0.00092	1.1E-05	0.00216	0.01644	1.77E-02	0.001216	8.93E-06	0.001342	2.02E-02	0.020458	0.00123	6.6E-06	0.001481	0.023174
4768	472863.09	3861377.25	0.59778	0.96322	0.75962	0.7595	1.36E-02	0.00103	1.1E-05	0.00243	0.01711	1.80E-02	0.001357	9.3E-06	0.001508	2.09E-02	0.020901	0.001372	6.87E-06	0.001663	0.023943
4769	473363.09	3861377.25	0.61425	0.91642	0.79061	0.79115	1.40E-02	0.00098	1.2E-05	0.00253	0.01754	1.85E-02	0.001291	9.68E-06	0.00157	2.14E-02	0.021477	0.001305	7.15E-06	0.001732	0.024522
4770	473863.09	3861377.25	0.63793	0.83253	0.83305	0.78552	1.46E-02	0.00089	1.3E-05	0.00251	0.01797	1.93E-02	0.001173	1.02E-05	0.001559	2.20E-02	0.022305	0.001186	7.54E-06	0.00172	0.025218
4771	474363.09	3861377.25	0.63088	0.93611	0.83211	0.80072	1.44E-02	0.001	1.3E-05	0.00256	0.01797	1.90E-02	0.001319	1.02E-05	0.001589	2.20E-02	0.022059	0.001333	7.53E-06	0.001753	0.025153
4772	474863.09	3861377.25	0.63619	1.18832	0.84627	0.77829	1.45E-02	0.00127	1.3E-05	0.00249	0.01829	1.92E-02	0.001674	1.04E-05	0.001545	2.24E-02	0.022244	0.001692	7.66E-06	0.001704	0.025649
4773	475363.09	3861377.25	0.61769	1.22764	0.82821	0.79489	1.41E-02	0.00131	1.2E-05	0.00254	0.01796	1.86E-02	0.00173	1.01E-05	0.001578	2.20E-02	0.021597	0.001748	7.49E-06	0.001741	0.025094
4774	475863.09	3861377.25	0.62452	1.19171	0.84406	0.75306	1.43E-02	0.00127	1.3E-05	0.00241	0.01794	1.88E-02	0.001679	1.03E-05	0.001495	2.20E-02	0.021836	0.001697	7.64E-06	0.001649	0.02519
4775	476363.09	3861377.25	0.63302	1.20887	0.85336	0.67055	1.44E-02	0.00129	1.3E-05	0.00214	0.01789	1.91E-02	0.001703	1.04E-05	0.001331	2.21E-02	0.022134	0.001722	7.72E-06	0.001468	0.025331
4776	476863.09	3861377.25	0.65333	1.37668	0.782	0.62838	1.49E-02	0.00147	1.2E-05	0.00201	0.0184	1.97E-02	0.00194	9.57E-06	0.001247	2.29E-02	0.022844	0.001961	7.07E-06	0.001376	0.026187
4777	477363.09	3861377.25	0.7232	1.40691	0.7823	0.59007	1.65E-02	0.0015	1.2E-05	0.00189	0.0199	2.18E-02	0.001982	9.57E-06	0.001171	2.50E-02	0.025287	0.002004	7.08E-06	0.001292	0.028589
4778	477863.09	3861377.25	0.69976	1.33285	0.87309	0.40786	1.60E-02	0.00142	1.3E-05	0.0013	0.01871	2.11E-02	0.001878	1.07E-05	0.00081	2.38E-02	0.024467	0.001898	7.9E-06	0.000893	0.027266
4779	478363.09	3861377.25	0.38847	0.67381	0.49192	0.25947	8.87E-03	0.00072	7.4E-06	0.00083	0.01042	1.17E-02	0.000949	6.02E-06	0.000515	1.32E-02	0.013583	0.00096	4.45E-06	0.000568	0.015115
4780	478863.09	3861377.25	0.56395	1.48116	0.62577	0.26654	1.29E-02	0.00158	9.4E-06	0.00085	0.01531	1.70E-02	0.002087	7.66E-06	0.000529	1.96E-02	0.019718	0.002109	5.66E-06	0.000584	0.022417
4781	479363.09	3861377.25	0.92969	1.60822	1.14723	0.67138	2.12E-02	0.00171	1.7E-05	0.00215	0.02509	2.81E-02	0.002266	1.4E-05	0.001333	3.17E-02	0.032507	0.00229	1.04E-05	0.00147	0.036277
4782	479863.09	3861377.25	0.9633	1.99543	1.13622	1.1726	2.20E-02	0.00213	1.7E-05	0.00375	0.02788	2.91E-02	0.002811	1.39E-05	0.002327	3.42E-02	0.033682	0.002842	1.03E-05	0.002568	0.039101
4783	480363.09	3861377.25	0.98727	1.41921	1.13345	1.41986	2.25E-02	0.00151	1.7E-05	0.00454	0.0286	2.98E-02	0.002	1.39E-05	0.002818	3.46E-02	0.03452	0.002021	1.03E-05	0.003109	0.03966
4784	480863.09	3861377.25	1.01125	1.76753	1.17497	1.46563	2.31E-02	0.00188	1.8E-05	0.00469	0.02966	3.05E-02	0.00249	1.44E-05	0.002909	3.59E-02	0.035358	0.002517	1.06E-05	0.003209	0.041095
4785	481363.09	3861377.25	1.11491	1.97855	1.19407	1.43107	2.54E-02	0.00211	1.8E-05	0.00458	0.03214	3.36E-02	0.002788	1.46E-05	0.002841	3.93E-02	0.038983	0.002818	1.08E-05	0.003134	0.044945
4786	481863.09	3861377.25	1.20565	2.33478	1.3831	1.51807	2.75E-02	0.00249	2.1E-05	0.00485	0.03488	3.64E-02	0.00329	1.69E-05	0.003013	4.27E-02	0.042155	0.003325	1.25E-05	0.003324	0.048817
4787	482363.09	3861377.25	1.21985	1.90937	1.43395	2.00349	2.78E-02	0.00203	2.2E-05	0.00641	0.0363	3.68E-02	0.00269	1.76E-05	0.003977	4.35E-02	0.042652	0.002719	1.3E-05	0.004387	0.049771
4788	482863.09	3861377.25	1.20028	2.06935	1.35209	2.21271	2.74E-02	0.0022	2E-05	0.00707	0.03669	3.62E-02	0.002916	1.65E-05	0.004392	4.35E-02	0.041968	0.002947	1.22E-05	0.004845	0.049772
4789	483363.09	3861377.25	1.16392	2.06059	1.4021	2.21329	2.66E-02	0.0022	2.1E-05	0.00708	0.03585	3.51E-02	0.002903	1.72E-05	0.004393	4.24E-02	0.040696	0.002935	1.27E-05	0.004846	0.04849
4790	483863.09	3861377.25	1.12812	2.58148	1.44729	2.04734	2.57E-02	0.00275	2.2E-05	0.00655	0.03506	3.40E-02	0.003637	1.77E-05	0.004064	4.18E-02	0.039445	0.003676	1.31E-05	0.004483	0.047617
4791	484363.09	3861377.25	1.11768	2.1007	1.37391	1.78595	2.55E-02	0.00224	2.1E-05	0.00571	0.03347	3.37E-02	0.00296	1.68E-05	0.003545	4.03E-02	0.03908	0.002992	1.24E-05	0.003911	0.045994
4792	484863.09	3861377.25	1.04982	2.55945	1.21888	1.74564	2.40E-02	0.00273	1.8E-05	0.00558	0.03228	3.17E-02	0.003606	1.49E-05	0.003465	3.88E-02	0.036707	0.003645	1.1E-05	0.003822	0.044185
4793	485363.09	3861377.25	0.98058	2.84134	1.15468	1.76585	2.24E-02	0.00303	1.7E-05	0.00565	0.03107	2.96E-02	0.004003	1.41E-05	0.003505	3.71E-02	0.034286	0.004046	1.04E-05	0.003867	0.042209
4794	485863.09	3861377.25	1.07006	2.95726	1.19937	1.68967	2.44E-02	0.00315	1.8E-05	0.0054	0.03299	3.23E-02	0.004167	1.47E-05	0.003354	3.98E-02	0.037415	0.004212	1.09E-05	0.0037	0.045337
4795	486363.09	3861377.25	1.22762	2.63376	1.28891	1.75642	2.80E-02	0.00281	1.9E-05	0.00562	0.03646	3.71E-02	0.003711	1.58E-05	0.003486	4.43E-02	0.042924	0.003751	1.17E-05	0.003846	0.050532
4796	486863.09	3861377.25	1.39031	1.78725	1.53849	1.97079	3.17E-02	0.0019	2.3E-05	0.0063	0.03996	4.20E-02	0.002518	1.88E-05	0.003912	4.84E-02	0.048612	0.002545	1.39E-05	0.004315	0.055487
4797	487363.09	3861377.25	1.6379	2.00973	1.91445	2.24647	3.74E-02	0.00214	2.9E-05	0.00718	0.04673	4.94E-02	0.002832	2.34E-05	0.004459	5.67E-02	0.057269	0.002862	1.73E-05	0.004919	0.065068
4798	487863.09	3861377.25	1.70672	3.26677	1.71176	2.91658	3.89E-02	0.00348	2.6E-05	0.00932	0.05178	5.15E-02	0.004603	2.1E-05	0.005789	6.19E-02	0.059675	0.004652	1.55E-05	0.006386	0.07073
4799	488363.09	3861377.25	1.44769	2.43409	1.52726	2.98723	3.30E-02	0.00259	2.3E-05	0.00955	0.0452	4.37E-02	0.003429	1.87E-05	0.005929	5.31E-02	0.050618	0.003467	1.38E-05	0.006541	0.06064
4800	488863.09	3861377.25	1.60855	2.15988	1.85849	2.58064	3.67E-02	0.0023	2.8E-05	0.00825	0.04729	4.85E-02	0.003043	2.27E-05	0.005122	5.67E-02	0.056243	0.003076	1.68E-05	0.005651	0.064986
4801	489363.09	3861377.25	1.63972	2.08738	1.83196	2.87772	3.74E-02	0.00222	2.8E-05	0.0092	0.04887	4.95E-02	0.002941	2.24E-05	0.005712	5.82E-02	0.057333	0.002973	1.66E-05	0.006301	0.066623
4802	489863.09	3861377.25	1.71225	2.64899	1.5741	2.7411	3.91E-02	0.00282	2.4E-05	0.00876	0.05068	5.17E-02	0.003732	1.93E-05	0.005441	6.09E-02	0.059869	0.003773	1.42E-05	0.006002	0.069658
4803	490363.09	3861377.25	1.75954	2.27207	1.9393	3.22108	4.02E-02	0.00242	2.9E-05	0.0103	0.0529	5.31E-02	0.003201	2.37E-05	0.006394	6.27E-02	0.061522	0.003236	1.75E-05	0.007053	0.071829
4804	490863.09	3861377.25	1.83259	2.55902	1.86339	2.97157	4.18E-02	0.00273	2.8E-05	0.0095	0.05408	5.53E-02	0.003605	2.28E-05	0.005898	6.48E-02	0.064076	0.003644	1.69E-05	0.006507	0.074244
4805	491363.09	3861377.25	1.9551	3.01201	2.02986	4.07585	4.46E-02	0.00321	3.1E-05	0.01303	0.06089	5.90E-02	0.004244	2.48E-05	0.00809	7.14E-02	0.06836	0.00429	1.84E-05	0.008925	0.081593
4806	491863.09	3861377.25	1.71029	2.20611	1.89267	2.90985	3.90E-02	0.00235	2.9E-05	0.0093	0.05071	5.16E-02	0.003108	2.32E-05	0.005776	6.05E-02	0.0598	0.003142	1.71E-05	0.006372	0.069331
4807	492363.09	3861377.25	1.38425	2.06056	1.31436	2.54907	3.16E-02	0.0022	2E-05	0.00815	0.04195	4.18E-02	0.002903	1.61E-05	0.00506	4.98E-02	0.0484	0.002935	1.19E-05	0.005582	0.056928
4808	492863.09	3861377.25	1.23545	1.86955	1.35071	2.2746	2.82E-02	0.00199	2E-05	0.00727	0.03748	3.73E-02	0.002634	1.65E-05	0.004515	4.45E-02	0.043197	0.002663	1.22E-05	0.004981	0.050853
4809	493363.09	3861377.25	1.05068	1.37721	1.12516	1.66601	2.40E-02	0.00147	1.7E-05	0.00533	0.03079	3.17E-02	0.00194	1.38E-05	0.003307	3.70E-02	0.036737	0.001961	1.02E-05	0.003648	0.042356
4810	493863.09	3861377.25	0.99775	1.54845	1.09517	1.8623	2.28E-02	0.00165	1.7E-05	0.00595	0.03039	3.01E-02	0.002182	1.34E-05	0.003696	3.60E-02	0.034886	0.002205	9.91E-06	0.004078	0.041179
4811	494363.09	3861377.25	1.09604	1.98051	1.13021	2.47542	2.50E-02	0.00211	1.7E-05	0.00791	0.03505	3.31E-02	0.00279	1.38E-05	0.004913	4.08E-02	0.038323	0.002821	1.02E-05	0.00542	0.046574
4812	494863.09	3861377.25	1.13054	2.06663	1.26603	2.58411	2.58E-02	0.0022	1.9E-05	0.00826	0.03628	3.41E-02	0.002912	1.55E-05	0.005129	4.22E-02	0.039529	0.002943	1.15E-05	0.005658	0.048142
4813	495363.09	3861377.25	1.10498	1.86609	1.23458	2.26935	2.52E-02	0.00199	1.9E-05	0.00726	0.03448	3.33E-02	0.002629	1.51E-05	0.004504	4.05E-02	0.038636	0.002658	1.12E-05	0.004969	0.046273
4814	495863.09	3861377.25	1.03964	1.586	1.2191	1.96387	2.37E-02	0.00169	1.8E-05	0.00628	0.03171	3.14E-02	0.002235	1.49E-05	0.003898	3.75E-02	0.036351	0.002259	1.1E-05	0.0043	0.042921
4815	496363.09	3861377.25	1.01005	1.59197	1.20635	1.90885	2.31E-02	0.0017	1.8E-05	0.0061	0.03087	3.05E-02	0.002243	1.48E-05	0.003789	3.65E-02	0.035316	0.002267	1.09E-05	0.00418	0.041774

4816	496863.09	3861377.25	1.01339	1.58421	1.17649	1.80399	2.31E-02	0.00169	1.8E-05	0.00577	0.0306	3.06E-02	0.002232	1.44E-05	0.003581	3.64E-02	0.035433	0.002256	1.06E-05	0.00395	0.04165
4817	497363.09	3861377.25	0.94781	1.43387	1.09694	1.59334	2.16E-02	0.00153	1.7E-05	0.00509	0.02827	2.86E-02	0.00202	1.34E-05	0.003163	3.38E-02	0.03314	0.002042	9.92E-06	0.003489	0.038681
4818	497863.09	3861377.25	0.85204	1.23061	1.07373	1.47998	1.94E-02	0.00131	1.6E-05	0.00473	0.0255	2.57E-02	0.001734	1.31E-05	0.002938	3.04E-02	0.029792	0.001753	9.71E-06	0.003241	0.034794
4819	498363.09	3861377.25	0.83684	1.02932	1.13242	1.4543	1.91E-02	0.0011	1.7E-05	0.00465	0.02486	2.53E-02	0.00145	1.39E-05	0.002887	2.96E-02	0.02926	0.001466	1.02E-05	0.003184	0.033921
4820	471363.09	3861877.25	0.52831	0.82956	0.66557	0.65463	1.21E-02	0.00088	1E-05	0.00209	0.01504	1.59E-02	0.001169	8.15E-06	0.001299	1.84E-02	0.018472	0.001181	6.02E-06	0.001433	0.021093
4821	471863.09	3861877.25	0.54189	0.9204	0.70044	0.72461	1.24E-02	0.00098	1.1E-05	0.00232	0.01567	1.64E-02	0.001297	8.57E-06	0.001438	1.91E-02	0.018947	0.001311	6.34E-06	0.001587	0.021851
4822	472363.09	3861877.25	0.55133	0.87756	0.72059	0.75897	1.26E-02	0.00093	1.1E-05	0.00243	0.01595	1.66E-02	0.001236	8.82E-06	0.001506	1.94E-02	0.019277	0.00125	6.52E-06	0.001662	0.022195
4823	472863.09	3861877.25	0.55397	0.79894	0.73054	0.77453	1.26E-02	0.00085	1.1E-05	0.00248	0.01598	1.67E-02	0.001126	8.94E-06	0.001537	1.94E-02	0.01937	0.001138	6.61E-06	0.001696	0.02221
4824	473363.09	3861877.25	0.55571	0.95956	0.74025	0.78164	1.27E-02	0.00102	1.1E-05	0.0025	0.01621	1.68E-02	0.001352	9.06E-06	0.001551	1.97E-02	0.01943	0.001367	6.7E-06	0.001712	0.022515
4825	473863.09	3861877.25	0.55768	1.02502	0.75045	0.78027	1.27E-02	0.00109	1.1E-05	0.00249	0.01632	1.68E-02	0.001444	9.18E-06	0.001549	1.98E-02	0.019499	0.00146	6.79E-06	0.001709	0.022674
4826	474363.09	3861877.25	0.55024	0.9723	0.74411	0.78542	1.26E-02	0.00104	1.1E-05	0.00251	0.01611	1.66E-02	0.00137	9.11E-06	0.001559	1.95E-02	0.019239	0.001385	6.73E-06	0.00172	0.02235
4827	474863.09	3861877.25	0.5371	0.82712	0.72172	0.78485	1.23E-02	0.00088	1.1E-05	0.00251	0.01566	1.62E-02	0.001165	8.83E-06	0.001558	1.89E-02	0.01878	0.001178	6.53E-06	0.001719	0.021683
4828	475363.09	3861877.25	0.52132	0.88413	0.68028	0.7909	1.19E-02	0.00094	1E-05	0.00253	0.01538	1.57E-02	0.001246	8.33E-06	0.00157	1.86E-02	0.018228	0.001259	6.15E-06	0.001732	0.021225
4829	475863.09	3861877.25	0.52383	0.9569	0.62205	0.80393	1.20E-02	0.00102	9.4E-06	0.00257	0.01555	1.58E-02	0.001348	7.61E-06	0.001596	1.88E-02	0.018316	0.001363	5.63E-06	0.00176	0.021444
4830	476363.09	3861877.25	0.58356	1.17366	0.63536	0.79545	1.33E-02	0.00125	9.6E-06	0.00254	0.01712	1.76E-02	0.001654	7.78E-06	0.001579	2.09E-02	0.020404	0.001671	5.75E-06	0.001742	0.023823
4831	476863.09	3861877.25	0.63992	1.46196	0.71645	0.74893	1.46E-02	0.00156	1.1E-05	0.00239	0.01857	1.93E-02	0.00206	8.77E-06	0.001487	2.29E-02	0.022375	0.002082	6.48E-06	0.00164	0.026103
4832	477363.09	3861877.25	0.7075	1.51211	0.82612	0.6752	1.61E-02	0.00161	1.2E-05	0.00216	0.01993	2.14E-02	0.00213	1.01E-05	0.00134	2.48E-02	0.024738	0.002153	7.47E-06	0.001478	0.028377
4833	477863.09	3861877.25	0.69781	1.41321	0.80641	0.44896	1.59E-02	0.00151	1.2E-05	0.00144	0.01888	2.11E-02	0.001991	9.87E-06	0.000891	2.40E-02	0.024399	0.002013	7.3E-06	0.000983	0.027402
4834	478363.09	3861877.25	0.36591	0.81967	0.42207	0.24586	8.35E-03	0.00087	6.4E-06	0.00079	0.01002	1.10E-02	0.001155	5.17E-06	0.000488	1.27E-02	0.012794	0.001167	3.82E-06	0.000538	0.014504
4835	478863.09	3861877.25	0.66374	1.19034	0.77625	0.36673	1.51E-02	0.00127	1.2E-05	0.00117	0.0176	2.00E-02	0.001677	9.5E-06	0.000728	2.24E-02	0.023208	0.001695	7.02E-06	0.000803	0.025713
4836	479363.09	3861877.25	0.64687	1.29642	0.84557	0.31675	1.48E-02	0.00138	1.3E-05	0.00101	0.01717	1.95E-02	0.001827	1.03E-05	0.000629	2.20E-02	0.022618	0.001846	7.65E-06	0.000694	0.025165
4837	479863.09	3861877.25	0.89687	1.43824	1.05701	1.16453	2.05E-02	0.00153	1.6E-05	0.00372	0.02574	2.71E-02	0.002026	1.29E-05	0.002311	3.14E-02	0.031359	0.002048	9.56E-06	0.00255	0.035967
4838	480363.09	3861877.25	0.91312	1.30281	1.04428	1.28745	2.08E-02	0.00139	1.6E-05	0.00412	0.02636	2.76E-02	0.001836	1.28E-05	0.002555	3.20E-02	0.031927	0.001855	9.45E-06	0.002819	0.036611
4839	480863.09	3861877.25	0.93479	1.7423	1.0864	1.25095	2.13E-02	0.00186	1.6E-05	0.004	0.0272	2.82E-02	0.002455	1.33E-05	0.002483	3.32E-02	0.032685	0.002481	9.83E-06	0.002739	0.037915
4840	481363.09	3861877.25	1.02822	2.37382	1.10266	1.35771	2.35E-02	0.00253	1.7E-05	0.00434	0.03035	3.10E-02	0.003345	1.35E-05	0.002695	3.71E-02	0.035952	0.003381	9.98E-06	0.002973	0.042315
4841	481863.09	3861877.25	1.08478	2.05727	1.2306	1.63551	2.48E-02	0.00219	1.9E-05	0.00523	0.03219	3.27E-02	0.002899	1.51E-05	0.003246	3.89E-02	0.037929	0.00293	1.11E-05	0.003581	0.044451
4842	482363.09	3861877.25	1.07915	1.83375	1.21948	1.99217	2.46E-02	0.00195	1.8E-05	0.00637	0.03297	3.26E-02	0.002584	1.49E-05	0.003954	3.91E-02	0.037732	0.002612	1.1E-05	0.004362	0.044717
4843	482863.09	3861877.25	1.05157	2.08674	1.25541	2.01091	2.40E-02	0.00222	1.9E-05	0.00643	0.03267	3.17E-02	0.00294	1.54E-05	0.003991	3.87E-02	0.036768	0.002972	1.14E-05	0.004403	0.044154
4844	483363.09	3861877.25	1.02977	2.24894	1.3257	1.83123	2.35E-02	0.0024	2E-05	0.00585	0.03177	3.11E-02	0.003169	1.62E-05	0.003635	3.79E-02	0.036006	0.003203	1.2E-05	0.00401	0.04323
4845	483863.09	3861877.25	1.01992	1.79751	1.30609	1.61974	2.33E-02	0.00191	2E-05	0.00518	0.03039	3.08E-02	0.002533	1.6E-05	0.003215	3.65E-02	0.035661	0.00256	1.18E-05	0.003547	0.04178
4846	484363.09	3861877.25	0.97765	1.86686	1.18327	1.61455	2.23E-02	0.00199	1.8E-05	0.00516	0.02948	2.95E-02	0.00263	1.45E-05	0.003205	3.54E-02	0.034183	0.002659	1.07E-05	0.003535	0.040388
4847	484863.09	3861877.25	0.94679	2.71566	1.18663	1.64256	2.16E-02	0.00289	1.8E-05	0.00525	0.02977	2.86E-02	0.003826	1.45E-05	0.00326	3.57E-02	0.033104	0.003867	1.07E-05	0.003597	0.040579
4848	485363.09	3861877.25	0.93481	2.25286	1.08541	1.62044	2.13E-02	0.0024	1.6E-05	0.00518	0.02893	2.82E-02	0.003174	1.33E-05	0.003216	3.46E-02	0.032686	0.003208	9.82E-06	0.003548	0.039452
4849	485863.09	3861877.25	0.95851	2.35974	1.07441	1.38989	2.19E-02	0.00251	1.6E-05	0.00444	0.02885	2.89E-02	0.003325	1.31E-05	0.002759	3.50E-02	0.033514	0.003361	9.72E-06	0.003043	0.039928
4850	486363.09	3861877.25	1.058	2.08878	1.15679	1.57416	2.41E-02	0.00223	1.7E-05	0.00503	0.03142	3.19E-02	0.002943	1.42E-05	0.003125	3.80E-02	0.036993	0.002975	1.05E-05	0.003447	0.043425
4851	486863.09	3861877.25	1.20012	1.48389	1.31402	1.71566	2.74E-02	0.00158	2E-05	0.00549	0.03447	3.62E-02	0.002091	1.61E-05	0.003405	4.17E-02	0.041962	0.002113	1.19E-05	0.003757	0.047844
4852	487363.09	3861877.25	1.42851	1.76517	1.61908	1.86511	3.26E-02	0.00188	2.4E-05	0.00596	0.04047	4.31E-02	0.002487	1.98E-05	0.003702	4.93E-02	0.049948	0.002514	1.46E-05	0.004084	0.05656
4853	487863.09	3861877.25	1.53053	3.05734	1.56065	2.45651	3.49E-02	0.00326	2.4E-05	0.00785	0.04606	4.62E-02	0.004308	1.91E-05	0.004876	5.54E-02	0.053515	0.004354	1.41E-05	0.005379	0.063262
4854	488363.09	3861877.25	1.35301	1.97306	1.39638	2.76779	3.09E-02	0.0021	2.1E-05	0.00885	0.04185	4.08E-02	0.00278	1.71E-05	0.005494	4.91E-02	0.047308	0.00281	1.26E-05	0.006061	0.056191
4855	488863.09	3861877.25	1.36962	1.75448	1.52402	2.16542	3.13E-02	0.00187	2.3E-05	0.00692	0.04007	4.13E-02	0.002472	1.87E-05	0.004298	4.81E-02	0.047889	0.002499	1.38E-05	0.004742	0.055143
4856	489363.09	3861877.25	1.40849	1.73794	1.59519	2.25873	3.21E-02	0.00185	2.4E-05	0.00722	0.04124	4.25E-02	0.002449	1.95E-05	0.004483	4.95E-02	0.049248	0.002475	1.44E-05	0.004946	0.056683
4857	489863.09	3861877.25	1.5087	2.10757	1.47953	2.6807	3.44E-02	0.00225	2.2E-05	0.00857	0.04527	4.55E-02	0.002969	1.81E-05	0.005321	5.38E-02	0.052752	0.003001	1.34E-05	0.00587	0.061636
4858	490363.09	3861877.25	1.36893	1.91909	1.42906	2.1426	3.12E-02	0.00204	2.2E-05	0.00685	0.04016	4.13E-02	0.002704	1.75E-05	0.004253	4.83E-02	0.047865	0.002733	1.29E-05	0.004692	0.055302
4859	490863.09	3861877.25	1.52637	2.04486	1.64665	2.90916	3.48E-02	0.00218	2.5E-05	0.0093	0.04634	4.61E-02	0.002881	2.02E-05	0.005774	5.47E-02	0.053369	0.002912	1.49E-05	0.00637	0.062667
4860	491363.09	3861877.25	1.5631	2.2659	1.60322	2.6048	3.57E-02	0.00241	2.4E-05	0.00833	0.04644	4.72E-02	0.003193	1.96E-05	0.00517	5.56E-02	0.054654	0.003227	1.45E-05	0.005704	0.063599
4861	491863.09	3861877.25	1.69423	2.6475	1.78	3.53481	3.87E-02	0.00282	2.7E-05	0.0113	0.05281	5.11E-02	0.00373	2.18E-05	0.007016	6.19E-02	0.059239	0.00377	1.61E-05	0.00774	0.070765
4862	492363.09	3861877.25	1.53221	1.95709	1.65557	2.52459	3.50E-02	0.00208	2.5E-05	0.00807	0.04515	4.62E-02	0.002757	2.03E-05	0.005011	5.40E-02	0.053574	0.002787	1.5E-05	0.005528	0.061904
4863	492863.09	3861877.25	1.13728	1.71245	1.32248	2.09368	2.60E-02	0.00182	2E-05	0.00669	0.03449	3.43E-02	0.002413	1.62E-05	0.004156	4.09E-02	0.039765	0.002439	1.2E-05	0.004584	0.0468
4864	493363.09	3861877.25	1.12971	1.71308	1.16726	2.08212	2.58E-02	0.00183	1.8E-05	0.00666	0.03428	3.41E-02	0.002414	1.43E-05	0.004133	4.07E-02	0.0395	0.00244	1.06E-05	0.004559	0.04651
4865	493863.09	3861877.25	0.94041	1.33383	1.03068	1.56655	2.15E-02	0.00142	1.6E-05	0.00501	0.02791	2.84E-02	0.001879	1.26E-05	0.003109	3.34E-02	0.032881	0.0019	9.32E-06	0.00343	0.03822
4866	494363.09	3861877.25	0.83777	1.08988	0.90829	1.35459	1.91E-02	0.00116	1.4E-05	0.00433	0.02462	2.53E-02	0.001536	1.11E-05	0.002689	2.95E-02	0.029293	0.001552	8.22E-06	0.002966	0.033819
4867	494863.09	3861877.25	0.866	1.46969	0.98372	1.78401	1.98E-02	0.00157	1.5E-05	0.0057	0.02705	2.61E-02	0.002071	1.2E-05	0.003541	3.18E-02	0.03028	0.002093	8.9E-06	0.003906	0.036288
4868	495363.09	3861877.25	0.95371	1.75365	0.97181	2.18945	2.18E-02	0.00187	1.5E-05	0.007	0.03065	2.88E-02	0.002471	1.19E-05	0.004346	3.56E-02	0.033346	0.002497	8.79E-06	0.004794	0.040647
4869	495863.09	3861877.25	0.95786	1.77729	1.08254	2.20789	2.19E-02	0.00189	1.6E-05	0.00706	0.03083	2.89E-02	0.002504	1.32E-05	0.004382	3.58E-02	0.033492	0.002531	9.79E-06	0.004835	0.040867
4870	496363.09	3861877.25	0.91981	1.61414	1.03613	1.94018	2.10E-02	0.00172	1.6E-05	0.0062	0.02893	2.78E-02	0.002274	1.27E-05	0.003851	3.39E-02	0.032161	0.002299	9.37E-06	0.004248	0.038718
4871	496863.09	3861877.25	0.97352	1.50817	1.16056	1.87869	2.22E-02	0.00161	1.7E-05	0.00601	0.02985	2.94E-02	0.002125	1.42E-05	0.003729	3.52E-02	0.034039	0.002148	1.05E-05	0.004114	0.040311
4872	497363.09	3861877.25	0.8873	1.39853	1.09186	1.69009	2.02E-02	0.00149	1.6E-05	0.0054	0.02716	2.68E-02	0.00197	1.34E-05	0.003355	3.21E-02	0.031024	0.001992	9.88E-06	0.003701	0.036727
4873	497863.09	3861877.25	0.85599	1.34465	0.99364	1.56345	1.95E-02	0.00143	1.5E-05	0.005	0.02598	2.58E-02	0.001895	1.22E-05	0.003103	3.08E-02	0.02993	0.001915	8.99E-06	0.003423	0.035277
4874	498363.09	3861877.25	0.80523	1.24232	0.92375	1.42102	1.84E-02	0.00132	1.4E-05	0.00454	0.02426	2.43E-02	0.00175	1.13E-05	0.002821	2.89E-02	0.028155	0.001769	8.36E-06	0.003112	0.033044
4875	471363.09	3862377.25	0.49815	0.79994	0.663	0.73039	1.14E-02	0.00085	1E-05	0.00234	0.01457	1.50E-02	0.001127	8.11E-06	0.00145	1.76E-02	0.017418	0.001139	6E-06	0.001599	0.020162
4876	471863.09	3862377.25	0.50525	0.80207	0.67682	0.73995	1.15E-02	0.00085	1E-05	0.00237	0.01476	1.52E-02	0.00113	8.28E-06	0.001469	1.79E-02	0.017666	0.001142	6.12E-06	0.00162	0.020435

4877	472363.09	3862377.25	0.50376	0.91088	0.68203	0.75015		1.15E-02	0.00097	1E-05	0.0024	0.01488		1.52E-02	0.001283	8.35E-06	0.001489	1.80E-02		0.017614	0.001297	6.17E-06	0.001643	0.02056						
4878	472863.09	3862377.25	0.50379	0.92567	0.68267	0.75578		1.15E-02	0.00099	1E-05	0.00242	0.01491		1.52E-02	0.001304	8.36E-06	0.0015	1.80E-02		0.017615	0.001318	6.18E-06	0.001655	0.020594						
4879	473363.09	3862377.25	0.5002	0.83175	0.67263	0.76025		1.14E-02	0.00089	1E-05	0.00243	0.01474		1.51E-02	0.001172	8.23E-06	0.001509	1.78E-02		0.017489	0.001185	6.09E-06	0.001665	0.020345						
4880	473863.09	3862377.25	0.49162	0.65771	0.64801	0.76508		1.12E-02	0.0007	9.8E-06	0.00245	0.01438		1.48E-02	0.000927	7.93E-06	0.001519	1.73E-02		0.017189	0.000937	5.86E-06	0.001675	0.019807						
4881	474363.09	3862377.25	0.47757	0.77819	0.60603	0.76525		1.09E-02	0.00083	9.1E-06	0.00245	0.01418		1.44E-02	0.001096	7.42E-06	0.001519	1.70E-02		0.016698	0.001108	5.48E-06	0.001676	0.019488						
4882	474863.09	3862377.25	0.46009	0.89634	0.54767	0.75628		1.05E-02	0.00095	8.3E-06	0.00242	0.01388		1.39E-02	0.001263	6.7E-06	0.001501	1.67E-02		0.016087	0.001277	4.95E-06	0.001656	0.019024						
4883	475363.09	3862377.25	0.48912	1.06144	0.55257	0.77417		1.12E-02	0.00113	8.3E-06	0.00248	0.01478		1.48E-02	0.001496	6.76E-06	0.001537	1.78E-02		0.017102	0.001512	5E-06	0.001695	0.020314						
4884	475863.09	3862377.25	0.53194	1.15836	0.58683	0.78228		1.21E-02	0.00123	8.8E-06	0.0025	0.01588		1.61E-02	0.001632	7.18E-06	0.001553	1.92E-02		0.018599	0.00165	5.31E-06	0.001713	0.021967						
4885	476363.09	3862377.25	0.57119	1.1526	0.63977	0.77066		1.30E-02	0.00123	9.6E-06	0.00246	0.01674		1.72E-02	0.001624	7.83E-06	0.00153	2.04E-02		0.019972	0.001641	5.79E-06	0.001687	0.023306						
4886	476863.09	3862377.25	0.60153	1.07124	0.66967	0.72802		1.37E-02	0.00114	1E-05	0.00233	0.01721		1.82E-02	0.001509	8.2E-06	0.001445	2.11E-02		0.021032	0.001526	6.06E-06	0.001594	0.024158						
4887	477363.09	3862377.25	0.65495	1.23815	0.6977	0.75789		1.49E-02	0.00132	1.1E-05	0.00242	0.0187		1.98E-02	0.001744	8.54E-06	0.001504	2.30E-02		0.0229	0.001763	6.31E-06	0.00166	0.026329						
4888	477863.09	3862377.25	0.74263	1.42819	0.78698	0.60151		1.69E-02	0.00152	1.2E-05	0.00192	0.0204		2.24E-02	0.002012	9.63E-06	0.001194	2.56E-02		0.025966	0.002034	7.12E-06	0.001317	0.029324						
4889	478363.09	3862377.25	0.66002	1.41104	0.76783	0.42566		1.51E-02	0.0015	1.2E-05	0.00136	0.01794		1.99E-02	0.001988	9.4E-06	0.000845	2.28E-02		0.023078	0.00201	6.95E-06	0.000932	0.026026						
4890	478863.09	3862377.25	0.69698	1.35426	0.86073	0.46685		1.59E-02	0.00144	1.3E-05	0.00149	0.01885		2.10E-02	0.001908	1.05E-05	0.000927	2.39E-02		0.02437	0.001929	7.79E-06	0.001022	0.027329						
4891	479363.09	3862377.25	0.75561	1.11738	0.95827	0.64514		1.72E-02	0.00119	1.4E-05	0.00206	0.02051		2.28E-02	0.001574	1.17E-05	0.001281	2.57E-02		0.02642	0.001591	8.67E-06	0.001413	0.029432						
4892	479863.09	3862377.25	0.87479	1.04919	0.99279	1.0509		2.00E-02	0.00112	1.5E-05	0.00336	0.02446		2.64E-02	0.001478	1.22E-05	0.002086	3.00E-02		0.030587	0.001494	8.98E-06	0.002301	0.034391						
4893	480363.09	3862377.25	0.85273	1.50263	0.98425	1.14262		1.95E-02	0.0016	1.5E-05	0.00365	0.02473		2.57E-02	0.002117	1.2E-05	0.002268	3.01E-02		0.029816	0.00214	8.9E-06	0.002502	0.034466						
4894	480863.09	3862377.25	0.87541	2.10941	1.01569	1.22875		2.00E-02	0.00225	1.5E-05	0.00393	0.02617		2.64E-02	0.002972	1.24E-05	0.002439	3.18E-02		0.030609	0.003004	9.19E-06	0.002691	0.036313						
4895	481363.09	3862377.25	0.95606	2.1339	1.02935	1.34844		2.18E-02	0.00227	1.6E-05	0.00431	0.02842		2.89E-02	0.003007	1.26E-05	0.002677	3.46E-02		0.033429	0.003039	9.31E-06	0.002953	0.03943						
4896	481863.09	3862377.25	0.97291	1.54521	1.081	1.66672		2.22E-02	0.00165	1.6E-05	0.00533	0.02919		2.94E-02	0.002177	1.32E-05	0.003308	3.49E-02		0.034018	0.002201	9.78E-06	0.00365	0.039878						
4897	482363.09	3862377.25	0.94892	1.95461	1.05993	1.79464		2.17E-02	0.00208	1.6E-05	0.00574	0.02949		2.86E-02	0.002754	1.3E-05	0.003562	3.50E-02		0.033179	0.002784	9.59E-06	0.00393	0.039902						
4898	482863.09	3862377.25	0.92667	1.96393	1.20083	1.66879		2.11E-02	0.00209	1.8E-05	0.00534	0.02859		2.80E-02	0.002767	1.47E-05	0.003312	3.41E-02		0.032401	0.002797	1.09E-05	0.003654	0.038863						
4899	483363.09	3862377.25	0.93599	1.7335	1.2311	1.49016		2.14E-02	0.00185	1.9E-05	0.00476	0.02799		2.82E-02	0.002442	1.51E-05	0.002958	3.37E-02		0.032727	0.002469	1.11E-05	0.003263	0.03847						
4900	483863.09	3862377.25	0.90605	1.41309	1.1286	1.50657		2.07E-02	0.00151	1.7E-05	0.00482	0.02702		2.73E-02	0.001991	1.38E-05	0.00299	3.23E-02		0.03168	0.002012	1.02E-05	0.003299	0.037002						
4901	484363.09	3862377.25	0.89066	2.09507	1.1546	1.52662		2.03E-02	0.00223	1.7E-05	0.00488	0.02746		2.69E-02	0.002952	1.41E-05	0.00303	3.29E-02		0.031142	0.002984	1.04E-05	0.003343	0.037479						
4902	484863.09	3862377.25	0.8837	2.16643	1.10348	1.52731		2.02E-02	0.00231	1.7E-05	0.00488	0.02737		2.67E-02	0.003052	1.35E-05	0.003032	3.28E-02		0.030899	0.003085	9.98E-06	0.003344	0.037338						
4903	485363.09	3862377.25	0.86936	2.23172	0.99617	1.38262		1.98E-02	0.00238	1.5E-05	0.00442	0.02665		2.62E-02	0.003144	1.22E-05	0.002744	3.21E-02		0.030397	0.003178	9.01E-06	0.003027	0.036612						
4904	485863.09	3862377.25	0.89303	2.04845	0.97969	1.31391		2.04E-02	0.00218	1.5E-05	0.0042	0.02678		2.70E-02	0.002886	1.2E-05	0.002608	3.25E-02		0.031225	0.002917	8.86E-06	0.002877	0.037028						
4905	486363.09	3862377.25	0.9268	2.02832	1.03927	1.40133		2.12E-02	0.00216	1.6E-05	0.00448	0.02781		2.80E-02	0.002858	1.27E-05	0.002781	3.36E-02		0.032406	0.002889	9.4E-06	0.003068	0.038372						
4906	486863.09	3862377.25	1.05	1.27301	1.15671	1.5123		2.40E-02	0.00136	1.7E-05	0.00483	0.03017		3.17E-02	0.001794	1.42E-05	0.003002	3.65E-02		0.036713	0.001813	1.05E-05	0.003311	0.041848						
4907	487363.09	3862377.25	1.24191	1.54901	1.37499	1.60724		2.83E-02	0.00165	2.1E-05	0.00514	0.03515		3.75E-02	0.002182	1.68E-05	0.00319	4.29E-02		0.043423	0.002206	1.24E-05	0.003519	0.049161						
4908	487863.09	3862377.25	1.35738	2.7685	1.38518	2.05417		3.10E-02	0.00295	2.1E-05	0.00657	0.04051		4.10E-02	0.003901	1.7E-05	0.004077	4.90E-02		0.047461	0.003943	1.25E-05	0.004498	0.055914						
4909	488363.09	3862377.25	1.26649	1.76355	1.29503	2.48354		2.89E-02	0.00188	2E-05	0.00794	0.03874		3.82E-02	0.002485	1.59E-05	0.00493	4.57E-02		0.044283	0.002512	1.17E-05	0.005438	0.052244						
4910	488863.09	3862377.25	1.1415	1.70553	1.16787	1.89284		2.60E-02	0.00182	1.8E-05	0.00605	0.03394		3.45E-02	0.002403	1.43E-05	0.003757	4.06E-02		0.039912	0.002429	1.06E-05	0.004145	0.046497						
4911	489363.09	3862377.25	1.27314	1.64387	1.48409	1.93022		2.91E-02	0.00175	2.2E-05	0.00617	0.037		3.84E-02	0.002316	1.82E-05	0.003831	4.46E-02		0.044515	0.002341	1.34E-05	0.004227	0.051096						
4912	489863.09	3862377.25	1.27149	1.59101	1.53179	2.33041		2.90E-02	0.00169	2.3E-05	0.00745	0.03818		3.84E-02	0.002242	1.87E-05	0.004626	4.53E-02		0.044458	0.002266	1.39E-05	0.005103	0.05184						
4913	490363.09	3862377.25	1.33071	2.04239	1.2568	2.31155		3.04E-02	0.00218	1.9E-05	0.00739	0.03995		4.02E-02	0.002878	1.54E-05	0.004588	4.76E-02		0.046528	0.002909	1.14E-05	0.005062	0.05451						
4914	490863.09	3862377.25	1.23356	1.49915	1.42039	1.88508		2.82E-02	0.0016	2.1E-05	0.00603	0.0358		3.72E-02	0.002112	1.74E-05	0.003742	4.31E-02		0.043131	0.002135	1.28E-05	0.004128	0.049407						
4915	491363.09	3862377.25	1.35394	1.86402	1.43409	2.63104		3.09E-02	0.00199	2.2E-05	0.00841	0.04132		4.09E-02	0.002626	1.76E-05	0.005222	4.87E-02		0.04734	0.002655	1.3E-05	0.005761	0.055769						
4916	491863.09	3862377.25	1.36593	2.04766	1.40988	2.34268		3.12E-02	0.00218	2.1E-05	0.00749	0.04086		4.12E-02	0.002885	1.73E-05	0.00465	4.88E-02		0.04776	0.002916	1.28E-05	0.00513	0.055818						
4917	492363.09	3862377.25	1.49059	2.36251	1.57844	3.11197		3.40E-02	0.00252	2.4E-05	0.00995	0.04651		4.50E-02	0.003329	1.93E-05	0.006177	5.45E-02		0.052118	0.003365	1.43E-05	0.006814	0.062311						
4918	492863.09	3862377.25	1.38812	1.76515	1.46628	2.21487		3.17E-02	0.00188	2.2E-05	0.00708	0.04066		4.19E-02	0.002487	1.79E-05	0.004396	4.88E-02		0.048536	0.002514	1.33E-05	0.00485	0.055912						
4919	493363.09	3862377.25	1.14977	1.5336	1.35024	1.96747		2.62E-02	0.00163	2E-05	0.00629	0.03418		3.47E-02	0.002161	1.65E-05	0.003905	4.08E-02		0.040202	0.002184	1.22E-05	0.004308	0.046706						
4920	493863.09	3862377.25	1.01551	1.55409	1.00953	1.86955		2.32E-02	0.00166	1.5E-05	0.00598	0.03082		3.06E-02	0.00219	1.24E-05	0.003711	3.66E-02		0.035507	0.002213	9.13E-06	0.004094	0.041823						
4921	494363.09	3862377.25	0.88967	1.34095	0.97374	1.58608		2.03E-02	0.00143	1.5E-05	0.00507	0.02682		2.69E-02	0.001889	1.19E-05	0.003148	3.19E-02		0.031107	0.00191	8.81E-06	0.003473	0.036499						
4922	494863.09	3862377.25	0.79486	1.03334	0.82402	1.25543		1.81E-02	0.0011	1.2E-05	0.00401	0.02327		2.40E-02	0.001456	1.01E-05	0.002492	2.79E-02		0.027792	0.001472	7.45E-06	0.002749	0.03202						
4923	495363.09	3862377.25	0.76712	1.01085	0.7948	1.22279		1.75E-02	0.00108	1.2E-05	0.00391	0.0225		2.32E-02	0.001424	9.73E-06	0.002427	2.70E-02		0.026822	0.00144	7.19E-06	0.002678	0.030947						
4924	495863.09	3862377.25	0.7652	1.3715	0.85769	1.67505		1.75E-02	0.00146	1.3E-05	0.00536	0.02429		2.31E-02	0.001932	1.05E-05	0.003325	2.84E-02		0.026755	0.001953	7.76E-06	0.003668	0.032384						
4925	496363.09	3862377.25	0.83482	1.55421	0.87241	1.93327		1.91E-02	0.00166	1.3E-05	0.00618	0.0269		2.52E-02	0.00219	1.07E-05	0.003837	3.12E-02		0.029189	0.002213	7.89E-06	0.004233	0.035644						
4926	496863.09	3862377.25	0.83825	1.57394	0.94463	1.93065		1.91E-02	0.00168	1.4E-05	0.00617	0.02699		2.53E-02	0.002218	1.16E-05	0.003832	3.14E-02		0.029309	0.002242	8.55E-06	0.004227	0.035787						
4927	497363.09	3862377.25	0.77343	1.40932	0.8772	1.67424		1.77E-02	0.0015	1.3E-05	0.00535	0.02452		2.33E-02	0.001986	1.07E-05	0.003323	2.87E-02		0.027043	0.002007	7.94E-06	0.003666	0.032724						
4928	497863.09	3862377.25	0.75372	1.20342	0.92493	1.48444		1.72E-02	0.00128	1.4E-05	0.00475	0.02324		2.27E-02	0.001696	1.13E-05	0.002946	2.74E-02		0.026354	0.001714	8.37E-06	0.00325	0.031326						
4929	498363.09	3862377.25	0.73002	1.18499	0.9197	1.45313		1.67E-02	0.00126	1.4E-05	0.00465	0.02258		2.20E-02	0.00167	1.13E-05	0.002884	2.66E-02		0.025525	0.001688	8.32E-06	0.003182	0.030403						
4930	471363.09	3862877.25	0.46429	0.81502	0.63172	0.7176		1.06E-02	0.00087	9.5E-06	0.00229	0.01377		1.40E-02	0.001148	7.73E-06	0.001424	1.66E-02		0.016234	0.001161	5.71E-06	0.001571	0.018972						
4931	471863.09	3862877.25	0.4637	0.79414	0.62695	0.72181		1.06E-02	0.00085	9.4E-06	0.00231	0.01375		1.40E-02	0.001119	7.67E-06	0.001433	1.66E-02		0.016213	0.001131	5.67E-06	0.001581	0.01893						
4932	472363.09	3862877.25	0.45932	0.68804	0.6111	0.72776		1.05E-02	0.00073	9.2E-06	0.00233	0.01355		1.39E-02	0.000969	7.48E-06	0.001445	1.63E-02		0.01606	0.00098	5.53E-06	0.001594	0.018639						
4933	472863.09	3862877.25	0.45037	0.57591	0.58251	0.73054		1.03E-02	0.00061	8.8E-06	0.00234	0.01324		1.36E-02	0.000811	7.13E-06	0.00145	1.59E-02		0.015747	0.00082	5.27E-06	0.0016	0.018172						
4934	473363.09	3862877.25	0.43706	0.68673	0.53927	0.73584		9.97E-03	0.00073	8.1E-06	0.00235	0.01307		1.32E-02	0.000968	6.6E-06	0.001461	1.56E-02		0.015282	0.000978	4.88E-06	0.001611	0.017876						
4935	473863.09	3862877.25	0.41915	0.83763	0.48282	0.73927		9.57E-03	0.00089	7.3E-06	0.00236	0.01283		1.27E-02	0.00118	5.91E-06	0.001467	1.53E-02		0.014656	0.001193	4.37E-06	0.001619	0.017472						
4936	474363.09	3862877.25	0.42255	0.95589	0.49545	0.73774		9.64E-03	0.00102	7.5E-06	0.00236	0.01303		1.28E-02	0.001347	6.06E-06	0.001464	1.56E-02		0.014774	0.001361	4.48E-06	0.001615	0.017756						
4937	474863.09	3862877.25	0.45553	1.01593	0.51427	0.73196		1.04E-02	0.00108	7.8E-06	0.00234	0.01383		1.37E-02	0.001431	6.29E-06	0.001453	1.66E-02		0.015928	0.001447	4.65E-06	0.001603	0.018982						

4938	475363.09	3862877.25	0.49071	0.99039	0.5438	0.71693	1.12E-02	0.00106	8.2E-06	0.00229	0.01455	1.48E-02	0.001395	6.66E-06	0.001423	1.76E-02	0.017158	0.00141	4.92E-06	0.00157	0.020143
4939	475863.09	3862877.25	0.52439	0.92234	0.56918	0.67134	1.20E-02	0.00098	8.6E-06	0.00215	0.0151	1.58E-02	0.0013	6.97E-06	0.001333	1.85E-02	0.018335	0.001314	5.15E-06	0.00147	0.021124
4940	476363.09	3862877.25	0.55096	1.00286	0.58356	0.65726	1.26E-02	0.00107	8.8E-06	0.0021	0.01575	1.66E-02	0.001413	7.14E-06	0.001305	1.94E-02	0.019264	0.001428	5.28E-06	0.001439	0.022137
4941	476863.09	3862877.25	0.58081	1.06963	0.59741	0.76793	1.33E-02	0.00114	9E-06	0.00246	0.01686	1.75E-02	0.001507	7.31E-06	0.001524	2.06E-02	0.020308	0.001523	5.4E-06	0.001682	0.023518
4942	477363.09	3862877.25	0.62099	1.08462	0.61671	0.83342	1.42E-02	0.00116	9.3E-06	0.00266	0.018	1.87E-02	0.001528	7.55E-06	0.001654	2.19E-02	0.021713	0.001545	5.58E-06	0.001825	0.025088
4943	477863.09	3862877.25	0.68287	1.54605	0.74909	0.76035	1.56E-02	0.00165	1.1E-05	0.00243	0.01967	2.06E-02	0.002178	9.17E-06	0.001509	2.43E-02	0.023877	0.002202	6.78E-06	0.001665	0.02775
4944	478363.09	3862877.25	0.67806	1.58847	0.90455	0.58583	1.55E-02	0.00169	1.4E-05	0.00187	0.01905	2.05E-02	0.002238	1.11E-05	0.001163	2.39E-02	0.023708	0.002262	8.18E-06	0.001283	0.027261
4945	478863.09	3862877.25	0.6979	1.16658	0.93057	0.62307	1.59E-02	0.00124	1.4E-05	0.00199	0.01918	2.11E-02	0.001644	1.14E-05	0.001237	2.40E-02	0.024402	0.001661	8.42E-06	0.001364	0.027436
4946	479363.09	3862877.25	0.76931	1.18699	0.95234	0.77642	1.76E-02	0.00126	1.4E-05	0.00248	0.02132	2.32E-02	0.001672	1.17E-05	0.001541	2.64E-02	0.026899	0.00169	8.62E-06	0.0017	0.030298
4947	479863.09	3862877.25	0.77619	1.30784	0.88602	1.05207	1.77E-02	0.00139	1.3E-05	0.00336	0.02248	2.34E-02	0.001843	1.08E-05	0.002088	2.74E-02	0.027139	0.001863	8.02E-06	0.002304	0.031314
4948	480363.09	3862877.25	0.76205	1.76389	0.93985	1.07763	1.74E-02	0.00188	1.4E-05	0.00345	0.02273	2.30E-02	0.002485	1.15E-05	0.002139	2.76E-02	0.026645	0.002512	8.5E-06	0.00236	0.031525
4949	480863.09	3862877.25	0.8296	1.99277	0.96099	1.15164	1.89E-02	0.00212	1.4E-05	0.00368	0.02475	2.50E-02	0.002808	1.18E-05	0.002286	3.01E-02	0.029007	0.002838	8.69E-06	0.002522	0.034375
4950	481363.09	3862877.25	0.87047	1.68609	0.96106	1.37145	1.99E-02	0.0018	1.4E-05	0.00438	0.02606	2.63E-02	0.002376	1.18E-05	0.002722	3.14E-02	0.030436	0.002401	8.69E-06	0.003003	0.035849
4951	481863.09	3862877.25	0.87822	1.56163	0.95678	1.57587	2.00E-02	0.00166	1.4E-05	0.00504	0.02676	2.65E-02	0.0022	1.17E-05	0.003128	3.18E-02	0.030707	0.002224	8.66E-06	0.003451	0.03639
4952	482363.09	3862877.25	0.84308	1.99034	1.04808	1.52591	1.92E-02	0.00212	1.6E-05	0.00488	0.02625	2.54E-02	0.002804	1.28E-05	0.003029	3.13E-02	0.029478	0.002835	9.48E-06	0.003341	0.035663
4953	482863.09	3862877.25	0.85387	1.49415	1.13629	1.3872	1.95E-02	0.00159	1.7E-05	0.00443	0.02553	2.58E-02	0.002105	1.39E-05	0.002753	3.06E-02	0.029856	0.002128	1.03E-05	0.003038	0.035031
4954	483363.09	3862877.25	0.84931	1.60724	1.09483	1.41304	1.94E-02	0.00171	1.6E-05	0.00452	0.02563	2.56E-02	0.002264	1.34E-05	0.002805	3.07E-02	0.029696	0.002289	9.9E-06	0.003094	0.035089
4955	483863.09	3862877.25	0.83119	1.49572	1.03535	1.43165	1.90E-02	0.00159	1.6E-05	0.00458	0.02515	2.51E-02	0.002107	1.27E-05	0.002842	3.00E-02	0.029063	0.00213	9.37E-06	0.003135	0.034337
4956	484363.09	3862877.25	0.83859	2.0544	1.10391	1.44076	1.91E-02	0.00219	1.7E-05	0.00461	0.02595	2.53E-02	0.002895	1.35E-05	0.00286	3.11E-02	0.029321	0.002926	9.99E-06	0.003155	0.035412
4957	484863.09	3862877.25	0.83486	1.63662	1.0344	1.36482	1.91E-02	0.00174	1.6E-05	0.00436	0.02517	2.52E-02	0.002306	1.27E-05	0.002709	3.02E-02	0.029191	0.002331	9.36E-06	0.002988	0.034519
4958	485363.09	3862877.25	0.82202	1.99841	0.93554	1.28026	1.88E-02	0.00213	1.4E-05	0.00409	0.025	2.48E-02	0.002816	1.15E-05	0.002541	3.02E-02	0.028742	0.002846	8.46E-06	0.002803	0.0344
4959	485863.09	3862877.25	0.81827	1.79989	0.88513	1.24246	1.87E-02	0.00192	1.3E-05	0.00397	0.02458	2.47E-02	0.002536	1.08E-05	0.002466	2.97E-02	0.028611	0.002563	8.01E-06	0.002721	0.033903
4960	486363.09	3862877.25	0.82423	2.13259	0.93818	1.28152	1.88E-02	0.00227	1.4E-05	0.0041	0.02519	2.49E-02	0.003005	1.15E-05	0.002544	3.04E-02	0.028819	0.003037	8.49E-06	0.002806	0.034671
4961	486863.09	3862877.25	0.93204	1.15786	1.0459	1.35472	2.13E-02	0.00123	1.6E-05	0.00433	0.02685	2.81E-02	0.001631	1.28E-05	0.002689	3.25E-02	0.032589	0.001649	9.46E-06	0.002966	0.037214
4962	487363.09	3862877.25	1.08872	1.371	1.19547	1.4365	2.48E-02	0.00146	1.8E-05	0.00459	0.03092	3.29E-02	0.001932	1.46E-05	0.002851	3.77E-02	0.038067	0.001953	1.08E-05	0.003145	0.043176
4963	487863.09	3862877.25	1.19678	2.39382	1.21497	1.7416	2.73E-02	0.00255	1.8E-05	0.00557	0.03545	3.61E-02	0.003373	1.49E-05	0.003457	4.30E-02	0.041845	0.003409	1.1E-05	0.003814	0.049079
4964	488363.09	3862877.25	1.17307	2.04125	1.1628	2.16677	2.68E-02	0.00217	1.8E-05	0.00693	0.03589	3.54E-02	0.002876	1.42E-05	0.004301	4.26E-02	0.041016	0.002907	1.05E-05	0.004745	0.048678
4965	488863.09	3862877.25	1.05258	1.70257	1.13291	1.87865	2.40E-02	0.00181	1.7E-05	0.00601	0.03186	3.18E-02	0.002399	1.39E-05	0.003729	3.79E-02	0.036803	0.002425	1.02E-05	0.004114	0.043352
4966	489363.09	3862877.25	1.08761	1.4064	1.20305	1.74768	2.48E-02	0.0015	1.8E-05	0.00559	0.03192	3.28E-02	0.001982	1.47E-05	0.003469	3.83E-02	0.038028	0.002003	1.09E-05	0.003827	0.043869
4967	489863.09	3862877.25	1.16932	1.29849	1.33882	1.83246	2.67E-02	0.00138	2E-05	0.00586	0.03395	3.53E-02	0.001829	1.64E-05	0.003637	4.08E-02	0.040885	0.001849	1.21E-05	0.004012	0.046759
4968	490363.09	3862877.25	1.214	1.68171	1.32915	2.26899	2.77E-02	0.00179	2E-05	0.00725	0.03677	3.66E-02	0.002369	1.63E-05	0.004504	4.35E-02	0.042447	0.002395	1.2E-05	0.004968	0.049823
4969	490863.09	3862877.25	1.11362	1.72731	1.1882	1.80168	2.54E-02	0.00184	1.8E-05	0.00576	0.03303	3.36E-02	0.002434	1.45E-05	0.003576	3.96E-02	0.038938	0.00246	1.07E-05	0.003945	0.045353
4970	491363.09	3862877.25	1.1999	1.52282	1.37788	1.95007	2.74E-02	0.00162	2.1E-05	0.00623	0.03526	3.62E-02	0.002146	1.69E-05	0.003871	4.22E-02	0.041954	0.002169	1.25E-05	0.00427	0.048406
4971	491863.09	3862877.25	1.17555	1.65296	1.22775	2.31783	2.68E-02	0.00176	1.9E-05	0.00741	0.03602	3.55E-02	0.002329	1.5E-05	0.004601	4.24E-02	0.041103	0.002354	1.11E-05	0.005075	0.048543
4972	492363.09	3862877.25	1.2124	1.87397	1.25728	2.12954	2.77E-02	0.002	1.9E-05	0.00681	0.03649	3.66E-02	0.00264	1.54E-05	0.004227	4.35E-02	0.042391	0.002669	1.14E-05	0.004663	0.049735
4973	492863.09	3862877.25	1.32987	2.13858	1.41556	2.77742	3.03E-02	0.00228	2.1E-05	0.00888	0.04153	4.01E-02	0.003013	1.73E-05	0.005513	4.87E-02	0.046499	0.003046	1.28E-05	0.006082	0.055639
4974	493363.09	3862877.25	1.24562	1.582	1.28773	1.97094	2.84E-02	0.00169	1.9E-05	0.0063	0.03643	3.76E-02	0.002229	1.58E-05	0.003912	4.38E-02	0.043553	0.002253	1.16E-05	0.004316	0.050133
4975	493863.09	3862877.25	1.15501	1.53627	1.34297	1.9826	2.64E-02	0.00164	2E-05	0.00634	0.03435	3.49E-02	0.002165	1.64E-05	0.003935	4.10E-02	0.040385	0.002188	1.21E-05	0.004341	0.046926
4976	494363.09	3862877.25	0.90059	1.40127	0.87666	1.66464	2.06E-02	0.00149	1.3E-05	0.00532	0.02738	2.72E-02	0.001974	1.07E-05	0.003304	3.25E-02	0.031489	0.001996	7.93E-06	0.003645	0.037138
4977	494863.09	3862877.25	0.84371	1.28961	0.88423	1.5208	1.93E-02	0.00137	1.3E-05	0.00486	0.0255	2.55E-02	0.001817	1.08E-05	0.003019	3.03E-02	0.0295	0.001837	8E-06	0.00333	0.034675
4978	495363.09	3862877.25	0.72517	1.00123	0.76472	1.14963	1.65E-02	0.00107	1.2E-05	0.00368	0.0213	2.19E-02	0.001411	9.36E-06	0.002282	2.56E-02	0.025356	0.001426	6.92E-06	0.002517	0.029306
4979	495863.09	3862877.25	0.65602	0.86751	0.69099	1.08686	1.50E-02	0.00092	1E-05	0.00347	0.01938	1.98E-02	0.001222	8.46E-06	0.002157	2.32E-02	0.022938	0.001235	6.25E-06	0.00238	0.026559
4980	496363.09	3862877.25	0.69489	1.02074	0.74527	1.19441	1.59E-02	0.00109	1.1E-05	0.00382	0.02078	2.10E-02	0.001438	9.12E-06	0.002371	2.48E-02	0.024297	0.001454	6.74E-06	0.002615	0.028373
4981	496863.09	3862877.25	0.70186	1.29022	0.74886	1.57622	1.60E-02	0.00137	1.1E-05	0.00504	0.02244	2.12E-02	0.001818	9.17E-06	0.003129	2.61E-02	0.02454	0.001837	6.77E-06	0.003451	0.029836
4982	497363.09	3862877.25	0.7433	1.40515	0.78875	1.73294	1.70E-02	0.0015	1.2E-05	0.00554	0.02401	2.24E-02	0.00198	9.65E-06	0.00344	2.79E-02	0.025989	0.002001	7.14E-06	0.003795	0.031792
4983	497863.09	3862877.25	0.72329	1.37824	0.81199	1.67498	1.65E-02	0.00147	1.2E-05	0.00535	0.02334	2.18E-02	0.001942	9.94E-06	0.003325	2.71E-02	0.02529	0.001963	7.35E-06	0.003668	0.030928
4984	498363.09	3862877.25	0.68414	1.25082	0.77018	1.46797	1.56E-02	0.00133	1.2E-05	0.00469	0.02165	2.06E-02	0.001762	9.43E-06	0.002914	2.53E-02	0.023921	0.001781	6.97E-06	0.003214	0.028924
4985	471363.09	3863377.25	0.42358	0.55857	0.55623	0.69369	9.67E-03	0.0006	8.4E-06	0.00222	0.01249	1.28E-02	0.000787	6.81E-06	0.001377	1.50E-02	0.01481	0.000795	5.03E-06	0.001519	0.01713
4986	471863.09	3863377.25	0.41388	0.53358	0.52547	0.69571	9.45E-03	0.00057	7.9E-06	0.00222	0.01225	1.25E-02	0.000752	6.43E-06	0.001381	1.46E-02	0.014471	0.00076	4.75E-06	0.001523	0.016759
4987	472363.09	3863377.25	0.40046	0.66428	0.48299	0.69895	9.14E-03	0.00071	7.3E-06	0.00223	0.01209	1.21E-02	0.000936	5.91E-06	0.001387	1.44E-02	0.014002	0.000946	4.37E-06	0.00153	0.016483
4988	472863.09	3863377.25	0.38273	0.77789	0.43135	0.70226	8.73E-03	0.00083	6.5E-06	0.00225	0.01181	1.16E-02	0.001096	5.28E-06	0.001394	1.40E-02	0.013382	0.001108	3.9E-06	0.001538	0.016032
4989	473363.09	3863377.25	0.37566	0.8588	0.44724	0.70064	8.57E-03	0.00091	6.7E-06	0.00224	0.01173	1.13E-02	0.00121	5.47E-06	0.001391	1.39E-02	0.013135	0.001223	4.05E-06	0.001534	0.015896
4990	473863.09	3863377.25	0.39649	0.89252	0.46121	0.68766	9.05E-03	0.00095	7E-06	0.0022	0.0122	1.20E-02	0.001258	5.64E-06	0.001365	1.46E-02	0.013863	0.001271	4.17E-06	0.001506	0.016644
4991	474363.09	3863377.25	0.42209	0.86117	0.46545	0.65696	9.63E-03	0.00092	7E-06	0.0021	0.01266	1.27E-02	0.001213	5.7E-06	0.001304	1.53E-02	0.014758	0.001226	4.21E-06	0.001439	0.017428
4992	474863.09	3863377.25	0.4518	0.76445	0.4882	0.60217	1.03E-02	0.00081	7.4E-06	0.00193	0.01306	1.36E-02	0.001077	5.98E-06	0.001195	1.59E-02	0.015797	0.001089	4.42E-06	0.001319	0.018209
4993	475363.09	3863377.25	0.48082	0.89831	0.4913	0.56279	1.10E-02	0.00096	7.4E-06	0.0018	0.01374	1.45E-02	0.001266	6.01E-06	0.001117	1.69E-02	0.016812	0.001279	4.44E-06	0.001232	0.019328
4994	475863.09	3863377.25	0.50298	0.92186	0.51138	0.63604	1.15E-02	0.00098	7.7E-06	0.00203	0.0145	1.52E-02	0.001299	6.26E-06	0.001262	1.77E-02	0.017587	0.001313	4.63E-06	0.001393	0.020297
4995	476363.09	3863377.25	0.52264	0.95851	0.52022	0.73748	1.19E-02	0.00102	7.8E-06	0.00236	0.01531	1.58E-02	0.00135	6.37E-06	0.001464	1.86E-02	0.018274	0.001365	4.71E-06	0.001615	0.021259
4996	476863.09	3863377.25	0.54651	0.98599	0.54015	0.79388	1.25E-02	0.00105	8.1E-06	0.00254	0.01607	1.65E-02	0.001389	6.61E-06	0.001576	1.95E-02	0.019109	0.001404	4.89E-06	0.001738	0.022256
4997	477363.09	3863377.25	0.56958	1.32387	0.65319	0.78038	1.30E-02	0.00141	9.8E-06	0.00249	0.01691	1.72E-02	0.001865	7.99E-06	0.001549	2.06E-02	0.019915	0.001885	5.91E-06	0.001709	0.023515
4998	477863.09	3863377.25	0.61769	1.28152	0.78413	0.7896	1.41E-02	0.00137	1.2E-05	0.00252	0.018	1.86E-02	0.001806	9.6E-06	0.001567	2.20E-02	0.021597	0.001825	7.09E-06	0.001729	0.025159

4999	478363.09	3863377.25	0.68824	1.18694	0.91128	0.78243	1.57E-02	0.00126	1.4E-05	0.0025	0.01949	2.08E-02	0.001672	1.12E-05	0.001553	2.40E-02	0.024064	0.00169	8.24E-06	0.001713	0.027476
5000	478863.09	3863377.25	0.71449	1.25935	0.907	0.86555	1.63E-02	0.00134	1.4E-05	0.00277	0.02043	2.16E-02	0.001774	1.11E-05	0.001718	2.51E-02	0.024982	0.001793	8.21E-06	0.001895	0.028679
5001	479363.09	3863377.25	0.70938	1.13833	0.79631	0.94737	1.62E-02	0.00121	1.2E-05	0.00303	0.02044	2.14E-02	0.001604	9.75E-06	0.00188	2.49E-02	0.024803	0.001621	7.2E-06	0.002074	0.028506
5002	479863.09	3863377.25	0.69878	1.45593	0.86522	0.92909	1.59E-02	0.00155	1.3E-05	0.00297	0.02048	2.11E-02	0.002051	1.06E-05	0.001844	2.50E-02	0.024433	0.002073	7.83E-06	0.002034	0.028548
5003	480363.09	3863377.25	0.7088	1.69456	0.89435	1.00828	1.62E-02	0.00181	1.3E-05	0.00322	0.02122	2.14E-02	0.002388	1.09E-05	0.002001	2.58E-02	0.024783	0.002413	8.09E-06	0.002208	0.029412
5004	480863.09	3863377.25	0.7686	1.72165	0.90432	1.13213	1.75E-02	0.00183	1.4E-05	0.00362	0.02301	2.32E-02	0.002426	1.11E-05	0.002247	2.79E-02	0.026874	0.002452	8.18E-06	0.002479	0.031813
5005	481363.09	3863377.25	0.78164	1.27398	0.83732	1.28853	1.78E-02	0.00136	1.3E-05	0.00412	0.02333	2.36E-02	0.001795	1.02E-05	0.002558	2.80E-02	0.02733	0.001814	7.57E-06	0.002821	0.031973
5006	481863.09	3863377.25	0.77424	1.73733	0.89072	1.36833	1.77E-02	0.00185	1.3E-05	0.00437	0.02391	2.34E-02	0.002448	1.09E-05	0.002716	2.85E-02	0.027071	0.002474	8.06E-06	0.002996	0.03255
5007	482363.09	3863377.25	0.77456	1.47199	1.02113	1.29751	1.77E-02	0.00157	1.5E-05	0.00415	0.02341	2.34E-02	0.002074	1.25E-05	0.002575	2.80E-02	0.027082	0.002096	9.24E-06	0.002841	0.032029
5008	482863.09	3863377.25	0.78652	1.24122	1.03836	1.29659	1.79E-02	0.00132	1.6E-05	0.00415	0.02343	2.37E-02	0.001749	1.27E-05	0.002574	2.81E-02	0.027501	0.001768	9.39E-06	0.002839	0.032117
5009	483363.09	3863377.25	0.77816	1.43464	0.96349	1.35009	1.78E-02	0.00153	1.5E-05	0.00432	0.02362	2.35E-02	0.002021	1.18E-05	0.00268	2.82E-02	0.027208	0.002043	8.72E-06	0.002956	0.032216
5010	483863.09	3863377.25	0.76986	1.68165	1.00919	1.35982	1.76E-02	0.00179	1.5E-05	0.00435	0.02372	2.32E-02	0.002369	1.24E-05	0.002699	2.83E-02	0.026918	0.002395	9.13E-06	0.002978	0.0323
5011	484363.09	3863377.25	0.79163	1.80061	1.04131	1.3281	1.81E-02	0.00192	1.6E-05	0.00425	0.02425	2.39E-02	0.002537	1.27E-05	0.002636	2.91E-02	0.027679	0.002564	9.42E-06	0.002908	0.033161
5012	484863.09	3863377.25	0.79957	1.59579	0.9856	1.29963	1.82E-02	0.0017	1.5E-05	0.00415	0.02412	2.41E-02	0.002248	1.21E-05	0.00258	2.90E-02	0.027957	0.002273	8.92E-06	0.002846	0.033084
5013	485363.09	3863377.25	0.77179	1.64006	0.87866	1.2396	1.76E-02	0.00175	1.3E-05	0.00396	0.02334	2.33E-02	0.002311	1.08E-05	0.00246	2.81E-02	0.026986	0.002336	7.95E-06	0.002714	0.032044
5014	485863.09	3863377.25	0.75419	1.56221	0.80382	1.1769	1.72E-02	0.00166	1.2E-05	0.00376	0.02265	2.28E-02	0.002201	9.84E-06	0.002336	2.73E-02	0.02637	0.002225	7.27E-06	0.002577	0.031179
5015	486363.09	3863377.25	0.73126	2.13473	0.83509	1.16115	1.67E-02	0.00227	1.3E-05	0.00371	0.02269	2.21E-02	0.003008	1.02E-05	0.002305	2.74E-02	0.025568	0.00304	7.55E-06	0.002543	0.031159
5016	486863.09	3863377.25	0.8415	1.05884	0.96638	1.23094	1.92E-02	0.00113	1.5E-05	0.00394	0.02428	2.54E-02	0.001492	1.18E-05	0.002443	2.93E-02	0.029423	0.001508	8.74E-06	0.002695	0.033635
5017	487363.09	3863377.25	0.96387	1.22532	1.06752	1.32071	2.20E-02	0.00131	1.6E-05	0.00422	0.02754	2.91E-02	0.001726	1.31E-05	0.002621	3.35E-02	0.033702	0.001745	9.66E-06	0.002892	0.038348
5018	487863.09	3863377.25	1.05808	1.98259	1.07426	1.51572	2.41E-02	0.00211	1.6E-05	0.00485	0.03112	3.19E-02	0.002793	1.31E-05	0.003009	3.77E-02	0.036996	0.002823	9.72E-06	0.003319	0.043148
5019	488363.09	3863377.25	1.06955	2.18301	1.01505	1.86121	2.44E-02	0.00233	1.5E-05	0.00595	0.0327	3.23E-02	0.003076	1.24E-05	0.003694	3.91E-02	0.037397	0.003109	9.18E-06	0.004075	0.04459
5020	488863.09	3863377.25	0.98966	1.42754	1.03024	1.78937	2.26E-02	0.00152	1.6E-05	0.00572	0.02984	2.99E-02	0.002011	1.26E-05	0.003552	3.54E-02	0.034603	0.002033	9.32E-06	0.003918	0.040564
5021	489363.09	3863377.25	0.90328	1.4481	0.97366	1.49431	2.06E-02	0.00154	1.5E-05	0.00478	0.02695	2.73E-02	0.00204	1.19E-05	0.002966	3.23E-02	0.031583	0.002062	8.81E-06	0.003272	0.036926
5022	489863.09	3863377.25	1.03458	1.2815	1.20474	1.48675	2.36E-02	0.00137	1.8E-05	0.00475	0.02975	3.12E-02	0.001806	1.47E-05	0.002951	3.60E-02	0.036174	0.001825	1.09E-05	0.003255	0.041265
5023	490363.09	3863377.25	1.02745	1.3156	1.29009	1.89985	2.34E-02	0.0014	1.9E-05	0.00607	0.03094	3.10E-02	0.001854	1.58E-05	0.003771	3.66E-02	0.035925	0.001874	1.17E-05	0.00416	0.04197
5024	490863.09	3863377.25	1.10257	1.5921	1.07326	2.0598	2.52E-02	0.0017	1.6E-05	0.00659	0.03346	3.33E-02	0.002243	1.31E-05	0.004088	3.96E-02	0.038551	0.002267	9.71E-06	0.00451	0.045339
5025	491363.09	3863377.25	0.92354	1.34535	1.07502	1.43604	2.11E-02	0.00143	1.6E-05	0.00459	0.02712	2.79E-02	0.001896	1.32E-05	0.00285	3.26E-02	0.032292	0.001916	9.73E-06	0.003144	0.037362
5026	491863.09	3863377.25	1.12029	1.47288	1.28061	1.93162	2.56E-02	0.00157	1.9E-05	0.00618	0.03333	3.38E-02	0.002075	1.57E-05	0.003834	3.97E-02	0.039171	0.002098	1.16E-05	0.00423	0.04551
5027	492363.09	3863377.25	1.081	1.48715	1.13625	2.047	2.47E-02	0.00158	1.7E-05	0.00654	0.03282	3.26E-02	0.002095	1.39E-05	0.004063	3.88E-02	0.037797	0.002118	1.03E-05	0.004482	0.044408
5028	492863.09	3863377.25	1.12873	1.79141	1.17503	1.97993	2.58E-02	0.00191	1.8E-05	0.00633	0.03401	3.41E-02	0.002524	1.44E-05	0.00393	4.05E-02	0.039466	0.002551	1.06E-05	0.004335	0.046363
5029	493363.09	3863377.25	1.26768	2.08154	1.35491	2.56275	2.89E-02	0.00222	2E-05	0.00819	0.03936	3.83E-02	0.002933	1.66E-05	0.005087	4.63E-02	0.044324	0.002964	1.23E-05	0.005612	0.052913
5030	493863.09	3863377.25	1.18761	1.58635	1.20046	1.91722	2.71E-02	0.00169	1.8E-05	0.00613	0.03494	3.58E-02	0.002235	1.47E-05	0.003805	4.19E-02	0.041525	0.002259	1.09E-05	0.004198	0.047993
5031	494363.09	3863377.25	1.17133	1.55573	1.34501	1.9997	2.67E-02	0.00166	2E-05	0.00639	0.0348	3.54E-02	0.002192	1.65E-05	0.003969	4.15E-02	0.040955	0.002216	1.22E-05	0.004379	0.047562
5032	494863.09	3863377.25	0.81334	1.29765	0.88665	1.49504	1.86E-02	0.00138	1.3E-05	0.00478	0.02474	2.45E-02	0.001828	1.09E-05	0.002967	2.94E-02	0.028438	0.001848	8.02E-06	0.003274	0.033568
5033	495363.09	3863377.25	0.82657	1.2899	0.83726	1.45805	1.89E-02	0.00137	1.3E-05	0.00466	0.02491	2.49E-02	0.001817	1.02E-05	0.002894	2.97E-02	0.028901	0.001837	7.57E-06	0.003193	0.033938
5034	495863.09	3863377.25	0.72418	1.10014	0.79212	1.22213	1.65E-02	0.00117	1.2E-05	0.00391	0.02162	2.19E-02	0.00155	9.69E-06	0.002426	2.58E-02	0.025321	0.001567	7.17E-06	0.002676	0.029571
5035	496363.09	3863377.25	0.63784	0.834	0.646	1.03452	1.46E-02	0.00089	9.7E-06	0.00331	0.01876	1.93E-02	0.001175	7.91E-06	0.002053	2.25E-02	0.022302	0.001188	5.84E-06	0.002265	0.025761
5036	496863.09	3863377.25	0.60946	0.78103	0.61379	0.94847	1.39E-02	0.00083	9.3E-06	0.00303	0.01778	1.84E-02	0.0011	7.51E-06	0.001883	2.14E-02	0.02131	0.001112	5.55E-06	0.002077	0.024504
5037	497363.09	3863377.25	0.61686	0.99886	0.6742	1.18198	1.41E-02	0.00106	1E-05	0.00378	0.01893	1.86E-02	0.001407	8.25E-06	0.002346	2.24E-02	0.021568	0.001423	6.1E-06	0.002588	0.025585
5038	497863.09	3863377.25	0.63988	1.20292	0.6479	1.46698	1.46E-02	0.00128	9.8E-06	0.00469	0.02058	1.93E-02	0.001695	7.93E-06	0.002912	2.39E-02	0.022373	0.001713	5.86E-06	0.003212	0.027305
5039	498363.09	3863377.25	0.66606	1.28056	0.71314	1.56411	1.52E-02	0.00136	1.1E-05	0.005	0.02158	2.01E-02	0.001804	8.73E-06	0.003105	2.50E-02	0.023289	0.001824	6.45E-06	0.003425	0.028544
5040	471363.09	3863877.25	0.36814	0.63326	0.43399	0.66734	8.40E-03	0.00067	6.5E-06	0.00213	0.01122	1.11E-02	0.000892	5.31E-06	0.001325	1.33E-02	0.012872	0.000902	3.93E-06	0.001461	0.015239
5041	471863.09	3863877.25	0.35247	0.72068	0.40214	0.66261	8.04E-03	0.00077	6.1E-06	0.00212	0.01094	1.06E-02	0.001015	4.92E-06	0.001315	1.30E-02	0.012324	0.001026	3.64E-06	0.001451	0.014805
5042	472363.09	3863877.25	0.33923	0.77678	0.40676	0.65738	7.74E-03	0.00083	6.1E-06	0.0021	0.01068	1.02E-02	0.001094	4.98E-06	0.001305	1.26E-02	0.011861	0.001106	3.68E-06	0.001439	0.014411
5043	472863.09	3863877.25	0.35467	0.79277	0.41945	0.6376	8.09E-03	0.00084	6.3E-06	0.00204	0.01098	1.07E-02	0.001117	5.13E-06	0.001266	1.31E-02	0.012401	0.001129	3.79E-06	0.001396	0.01493
5044	473363.09	3863877.25	0.36992	0.75432	0.41892	0.59787	8.44E-03	0.0008	6.3E-06	0.00191	0.01116	1.12E-02	0.001063	5.13E-06	0.001187	1.34E-02	0.012934	0.001074	3.79E-06	0.001309	0.015321
5045	473863.09	3863877.25	0.39098	0.65878	0.42283	0.54097	8.92E-03	0.0007	6.4E-06	0.00173	0.01136	1.18E-02	0.000928	5.18E-06	0.001074	1.38E-02	0.013671	0.000938	3.83E-06	0.001185	0.015797
5046	474363.09	3863877.25	0.41642	0.78125	0.44631	0.52328	9.50E-03	0.00083	6.7E-06	0.00167	0.01202	1.26E-02	0.001101	5.46E-06	0.001039	1.47E-02	0.01456	0.001113	4.04E-06	0.001146	0.016823
5047	474863.09	3863877.25	0.43958	0.85961	0.44158	0.54891	1.00E-02	0.00092	6.7E-06	0.00175	0.01271	1.33E-02	0.001211	5.4E-06	0.00109	1.56E-02	0.01537	0.001224	3.99E-06	0.001202	0.0178
5048	475363.09	3863877.25	0.45742	0.81868	0.44996	0.61206	1.04E-02	0.00087	6.8E-06	0.00196	0.01327	1.38E-02	0.001153	5.51E-06	0.001215	1.62E-02	0.015994	0.001166	4.07E-06	0.00134	0.018504
5049	475863.09	3863877.25	0.47021	0.83381	0.45445	0.67921	1.07E-02	0.00089	6.8E-06	0.00217	0.0138	1.42E-02	0.001175	5.56E-06	0.001348	1.67E-02	0.016441	0.001187	4.11E-06	0.001487	0.01912
5050	476363.09	3863877.25	0.4902	0.92921	0.50259	0.70878	1.12E-02	0.00099	7.6E-06	0.00227	0.01445	1.48E-02	0.001309	6.15E-06	0.001407	1.75E-02	0.01714	0.001323	4.55E-06	0.001552	0.02002
5051	476863.09	3863877.25	0.51707	1.24762	0.59343	0.69405	1.18E-02	0.00133	8.9E-06	0.00222	0.01536	1.56E-02	0.001758	7.26E-06	0.001378	1.87E-02	0.018079	0.001777	5.37E-06	0.00152	0.021381
5052	477363.09	3863877.25	0.56028	1.17148	0.71861	0.76645	1.28E-02	0.00125	1.1E-05	0.00245	0.0165	1.69E-02	0.001651	8.8E-06	0.001521	2.01E-02	0.01959	0.001668	6.5E-06	0.001678	0.022943
5053	477863.09	3863877.25	0.58134	1.0288	0.77763	0.80397	1.33E-02	0.0011	1.2E-05	0.00257	0.01694	1.75E-02	0.00145	9.52E-06	0.001596	2.06E-02	0.020327	0.001465	7.03E-06	0.00176	0.023559
5054	478363.09	3863877.25	0.6215	1.14372	0.79743	0.81365	1.42E-02	0.00122	1.2E-05	0.0026	0.01801	1.88E-02	0.001611	9.76E-06	0.001615	2.20E-02	0.021731	0.001629	7.21E-06	0.001782	0.025148
5055	478863.09	3863877.25	0.63087	0.97964	0.73588	0.85574	1.44E-02	0.00104	1.1E-05	0.00274	0.01819	1.90E-02	0.00138	9.01E-06	0.001699	2.21E-02	0.022058	0.001395	6.66E-06	0.001874	0.025334
5056	479363.09	3863877.25	0.64988	1.21876	0.79494	0.8644	1.48E-02	0.0013	1.2E-05	0.00276	0.0189	1.96E-02	0.001717	9.73E-06	0.001716	2.31E-02	0.022723	0.001736	7.19E-06	0.001893	0.026359
5057	479863.09	3863877.25	0.65252	1.40395	0.84105	0.88964	1.49E-02	0.0015	1.3E-05	0.00284	0.01924	1.97E-02	0.001978	1.03E-05	0.001766	2.34E-02	0.022815	0.001999	7.61E-06	0.001948	0.02677
5058	480363.09	3863877.25	0.66311	1.58173	0.84792	0.95318	1.51E-02	0.00169	1.3E-05	0.00305	0.01988	2.00E-02	0.002229	1.04E-05	0.001892	2.41E-02	0.023186	0.002253	7.67E-06	0.002087	0.027533
5059	480863.09	3863877.25	0.70461	1.41134	0.80302	1.04965	1.61E-02	0.0015	1.2E-05	0.00336	0.02095	2.13E-02	0.001988	9.83E-06	0.002083	2.53E-02	0.024637	0.00201	7.26E-06	0.002298	0.028952

5060	481363.09	3863877.25	0.71243	1.35441	0.79008	1.17761	1.63E-02	0.00144	1.2E-05	0.00376	0.02148	2.15E-02	0.001908	9.67E-06	0.002337	2.58E-02	0.02491	0.001929	7.15E-06	0.002579	0.029425
5061	481863.09	3863877.25	0.70222	1.47894	0.86937	1.20221	1.60E-02	0.00158	1.3E-05	0.00384	0.02146	2.12E-02	0.002084	1.06E-05	0.002386	2.57E-02	0.024553	0.002106	7.86E-06	0.002632	0.0293
5062	482363.09	3863877.25	0.73086	1.10321	0.96945	1.14148	1.67E-02	0.00118	1.5E-05	0.00365	0.02152	2.21E-02	0.001554	1.19E-05	0.002266	2.59E-02	0.025554	0.001571	8.77E-06	0.002499	0.029634
5063	482863.09	3863877.25	0.72973	1.01778	0.92789	1.25992	1.67E-02	0.00108	1.4E-05	0.00403	0.02178	2.20E-02	0.001434	1.14E-05	0.002501	2.60E-02	0.025515	0.001449	8.39E-06	0.002759	0.029732
5064	483363.09	3863877.25	0.71845	1.28355	0.86959	1.28853	1.64E-02	0.00137	1.3E-05	0.00412	0.0219	2.17E-02	0.001808	1.06E-05	0.002558	2.61E-02	0.025121	0.001828	7.87E-06	0.002821	0.029778
5065	483863.09	3863877.25	0.74337	1.59732	0.98241	1.27928	1.70E-02	0.0017	1.5E-05	0.00409	0.02277	2.24E-02	0.002251	1.2E-05	0.002539	2.72E-02	0.025992	0.002275	8.89E-06	0.002801	0.031077
5066	484363.09	3863877.25	0.75706	1.57656	0.99024	1.26791	1.73E-02	0.00168	1.5E-05	0.00405	0.02302	2.28E-02	0.002221	1.21E-05	0.002517	2.76E-02	0.026471	0.002245	8.96E-06	0.002776	0.031501
5067	484863.09	3863877.25	0.75593	1.5815	0.93099	1.25524	1.73E-02	0.00168	1.4E-05	0.00401	0.02296	2.28E-02	0.002228	1.14E-05	0.002492	2.75E-02	0.026431	0.002252	8.42E-06	0.002749	0.03144
5068	485363.09	3863877.25	0.72896	1.55086	0.8348	1.20549	1.66E-02	0.00165	1.3E-05	0.00385	0.02215	2.20E-02	0.002185	1.02E-05	0.002393	2.66E-02	0.025488	0.002209	7.55E-06	0.00264	0.030344
5069	485863.09	3863877.25	0.70345	1.40475	0.73351	1.12562	1.61E-02	0.0015	1.1E-05	0.0036	0.02116	2.12E-02	0.001979	8.98E-06	0.002234	2.55E-02	0.024596	0.002001	6.64E-06	0.002465	0.029068
5070	486363.09	3863877.25	0.65457	2.06973	0.74155	1.06609	1.49E-02	0.0022	1.1E-05	0.00341	0.02056	1.98E-02	0.002916	9.08E-06	0.002116	2.48E-02	0.022887	0.002948	6.71E-06	0.002334	0.028176
5071	486863.09	3863877.25	0.76027	0.96098	0.89212	1.11817	1.73E-02	0.00102	1.3E-05	0.00357	0.02196	2.29E-02	0.001354	1.09E-05	0.002219	2.65E-02	0.026583	0.001369	8.07E-06	0.002448	0.030408
5072	487363.09	3863877.25	0.8558	1.09614	0.96913	1.23208	1.95E-02	0.00117	1.5E-05	0.00394	0.02465	2.58E-02	0.001544	1.19E-05	0.002446	2.98E-02	0.029923	0.001561	8.77E-06	0.002698	0.034191
5073	487863.09	3863877.25	0.94075	1.58858	0.96486	1.3547	2.15E-02	0.00169	1.5E-05	0.00433	0.02751	2.84E-02	0.002238	1.18E-05	0.002689	3.33E-02	0.032893	0.002262	8.73E-06	0.002966	0.038131
5074	488363.09	3863877.25	0.96957	2.16498	0.89851	1.61035	2.21E-02	0.00231	1.4E-05	0.00515	0.02959	2.93E-02	0.00305	1.1E-05	0.003196	3.55E-02	0.033901	0.003083	8.13E-06	0.003526	0.040518
5075	488863.09	3863877.25	0.91993	1.16511	0.9239	1.64183	2.10E-02	0.00124	1.4E-05	0.00525	0.0275	2.78E-02	0.001642	1.13E-05	0.003259	3.27E-02	0.032165	0.001659	8.36E-06	0.003595	0.037428
5076	489363.09	3863877.25	0.85756	1.37787	0.97178	1.30432	1.96E-02	0.00147	1.5E-05	0.00417	0.02522	2.59E-02	0.001941	1.19E-05	0.002589	3.04E-02	0.029985	0.001962	8.79E-06	0.002856	0.034812
5077	489863.09	3863877.25	0.87538	1.13336	0.96114	1.37908	2.00E-02	0.00121	1.4E-05	0.00441	0.02561	2.64E-02	0.001597	1.18E-05	0.002737	3.08E-02	0.030608	0.001614	8.7E-06	0.00302	0.03525
5078	490363.09	3863877.25	0.97629	1.05031	1.13542	1.51276	2.23E-02	0.00112	1.7E-05	0.00484	0.02825	2.95E-02	0.00148	1.39E-05	0.003003	3.40E-02	0.034136	0.001496	1.03E-05	0.003312	0.038954
5079	490863.09	3863877.25	1.00623	1.39192	1.1961	1.91865	2.30E-02	0.00148	1.8E-05	0.00613	0.0306	3.04E-02	0.001961	1.46E-05	0.003808	3.62E-02	0.035183	0.001982	1.08E-05	0.004201	0.041377
5080	491363.09	3863877.25	0.94884	1.42826	0.91615	1.72831	2.17E-02	0.00152	1.4E-05	0.00553	0.02871	2.86E-02	0.002012	1.12E-05	0.003431	3.41E-02	0.033176	0.002034	8.29E-06	0.003784	0.039003
5081	491863.09	3863877.25	0.86931	1.07155	0.97115	1.39937	1.98E-02	0.00114	1.5E-05	0.00447	0.02547	2.62E-02	0.00151	1.19E-05	0.002778	3.05E-02	0.030395	0.001526	8.79E-06	0.003064	0.034994
5082	492363.09	3863877.25	1.12584	1.52895	1.2724	2.1586	2.57E-02	0.00163	1.9E-05	0.0069	0.03424	3.40E-02	0.002154	1.56E-05	0.004285	4.04E-02	0.039365	0.002177	1.15E-05	0.004727	0.046281
5083	492863.09	3863877.25	1.09493	1.40832	1.12598	2.09132	2.50E-02	0.0015	1.7E-05	0.00669	0.03319	3.30E-02	0.001984	1.38E-05	0.004151	3.92E-02	0.038284	0.002006	1.02E-05	0.004579	0.044879
5084	493363.09	3863877.25	1.10598	1.70995	1.09964	1.95092	2.52E-02	0.00182	1.7E-05	0.00624	0.03331	3.34E-02	0.002409	1.35E-05	0.003872	3.97E-02	0.038671	0.002435	9.95E-06	0.004272	0.045388
5085	493863.09	3863877.25	1.27932	1.93384	1.24174	3.00009	2.92E-02	0.00206	1.9E-05	0.00959	0.04087	3.86E-02	0.002725	1.52E-05	0.005955	4.73E-02	0.044731	0.002754	1.12E-05	0.006569	0.054066
5086	494363.09	3863877.25	1.10491	1.51877	1.06608	1.98321	2.52E-02	0.00162	1.6E-05	0.00634	0.03319	3.33E-02	0.00214	1.3E-05	0.003936	3.94E-02	0.038633	0.002163	9.64E-06	0.004343	0.045148
5087	494863.09	3863877.25	1.17304	1.54232	1.31696	2.06849	2.68E-02	0.00164	2E-05	0.00661	0.03505	3.54E-02	0.002173	1.61E-05	0.004106	4.17E-02	0.041015	0.002196	1.19E-05	0.004529	0.047753
5088	495363.09	3863877.25	0.84874	1.1669	0.9762	1.3973	1.94E-02	0.00124	1.5E-05	0.00447	0.02509	2.56E-02	0.001644	1.19E-05	0.002773	3.00E-02	0.029676	0.001662	8.83E-06	0.00306	0.034406
5089	495863.09	3863877.25	0.76279	1.19643	0.74385	1.36535	1.74E-02	0.00127	1.1E-05	0.00437	0.02306	2.30E-02	0.001686	9.1E-06	0.00271	2.74E-02	0.026671	0.001704	6.73E-06	0.00299	0.031371
5090	496363.09	3863877.25	0.68575	1.06005	0.724	1.19132	1.56E-02	0.00113	1.1E-05	0.00381	0.0206	2.07E-02	0.001494	8.86E-06	0.002365	2.46E-02	0.023977	0.00151	6.55E-06	0.002609	0.028102
5091	496863.09	3863877.25	0.59764	0.81485	0.61233	0.96096	1.36E-02	0.00087	9.2E-06	0.00307	0.01759	1.80E-02	0.001148	7.49E-06	0.001907	2.11E-02	0.020896	0.00116	5.54E-06	0.002104	0.024167
5092	497363.09	3863877.25	0.54035	0.73857	0.55355	0.90991	1.23E-02	0.00079	8.3E-06	0.00291	0.01604	1.63E-02	0.001041	6.77E-06	0.001806	1.92E-02	0.018893	0.001052	5.01E-06	0.001992	0.021943
5093	497863.09	3863877.25	0.57472	0.75634	0.59513	0.89008	1.31E-02	0.00081	9E-06	0.00285	0.01678	1.73E-02	0.001066	7.28E-06	0.001767	2.02E-02	0.020095	0.001077	5.38E-06	0.001949	0.023127
5094	498363.09	3863877.25	0.55313	0.9809	0.61124	1.16499	1.26E-02	0.00104	9.2E-06	0.00372	0.0174	1.67E-02	0.001382	7.48E-06	0.002312	2.04E-02	0.01934	0.001397	5.53E-06	0.002551	0.023294
5095	471363.09	3864377.25	0.30752	0.70316	0.37065	0.6166	7.02E-03	0.00075	5.6E-06	0.00197	0.00974	9.28E-03	0.000991	4.54E-06	0.001224	1.15E-02	0.010752	0.001001	3.35E-06	0.00135	0.013107
5096	471863.09	3864377.25	0.32127	0.70922	0.38289	0.58949	7.33E-03	0.00076	5.8E-06	0.00188	0.00998	9.70E-03	0.000999	4.69E-06	0.00117	1.19E-02	0.011233	0.00101	3.46E-06	0.001291	0.013537
5097	472363.09	3864377.25	0.33262	0.67189	0.38406	0.54606	7.59E-03	0.00072	5.8E-06	0.00175	0.01006	1.00E-02	0.000947	4.7E-06	0.001084	1.21E-02	0.01163	0.000957	3.47E-06	0.001196	0.013786
5098	472863.09	3864377.25	0.34484	0.58587	0.37471	0.50055	7.87E-03	0.00062	5.6E-06	0.0016	0.0101	1.04E-02	0.000825	4.59E-06	0.000994	1.22E-02	0.012057	0.000834	3.39E-06	0.001096	0.013991
5099	473363.09	3864377.25	0.36139	0.70874	0.39716	0.49684	8.25E-03	0.00076	6E-06	0.00159	0.0106	1.09E-02	0.000999	4.86E-06	0.000986	1.29E-02	0.012636	0.001009	3.59E-06	0.001088	0.014737
5100	473863.09	3864377.25	0.38257	0.82745	0.407	0.48487	8.73E-03	0.00088	6.1E-06	0.00155	0.01117	1.15E-02	0.001166	4.98E-06	0.000962	1.37E-02	0.013377	0.001178	3.68E-06	0.001062	0.01562
5101	474363.09	3864377.25	0.40261	0.81983	0.39909	0.53275	9.19E-03	0.00087	6E-06	0.0017	0.01177	1.22E-02	0.001155	4.88E-06	0.001057	1.44E-02	0.014077	0.001168	3.61E-06	0.001167	0.016415
5102	474863.09	3864377.25	0.41568	0.70968	0.41018	0.5697	9.49E-03	0.00076	6.2E-06	0.00182	0.01207	1.25E-02	0.001	5.02E-06	0.001131	1.47E-02	0.014534	0.001011	3.71E-06	0.001247	0.016796
5103	475363.09	3864377.25	0.42704	0.71198	0.41812	0.60951	9.75E-03	0.00076	6.3E-06	0.00195	0.01246	1.29E-02	0.001003	5.12E-06	0.00121	1.51E-02	0.014931	0.001014	3.78E-06	0.001335	0.017284
5104	475863.09	3864377.25	0.44182	0.86885	0.46747	0.61772	1.01E-02	0.00093	7E-06	0.00197	0.01299	1.33E-02	0.001224	5.72E-06	0.001226	1.58E-02	0.015448	0.001237	4.23E-06	0.001353	0.018042
5105	476363.09	3864377.25	0.48241	1.15225	0.54447	0.64248	1.10E-02	0.00123	8.2E-06	0.00205	0.0143	1.46E-02	0.001623	6.66E-06	0.001275	1.75E-02	0.016867	0.001641	4.93E-06	0.001407	0.01992
5106	476863.09	3864377.25	0.52482	1.05346	0.66283	0.72488	1.20E-02	0.00112	1E-05	0.00232	0.01543	1.58E-02	0.001484	8.11E-06	0.001439	1.88E-02	0.01835	0.0015	6E-06	0.001587	0.021444
5107	477363.09	3864377.25	0.54122	0.94057	0.71577	0.75009	1.24E-02	0.001	1.1E-05	0.0024	0.01576	1.63E-02	0.001325	8.76E-06	0.001489	1.92E-02	0.018924	0.00134	6.48E-06	0.001642	0.021912
5108	477863.09	3864377.25	0.54268	0.88667	0.70854	0.79687	1.24E-02	0.00094	1.1E-05	0.00255	0.01589	1.64E-02	0.001249	8.67E-06	0.001582	1.92E-02	0.018975	0.001263	6.41E-06	0.001745	0.021989
5109	478363.09	3864377.25	0.56197	0.82939	0.6734	0.82449	1.28E-02	0.00088	1E-05	0.00264	0.01635	1.70E-02	0.001169	8.24E-06	0.001637	1.98E-02	0.019649	0.001181	6.09E-06	0.001805	0.022642
5110	478863.09	3864377.25	0.59357	1.01531	0.71842	0.82595	1.35E-02	0.00108	1.1E-05	0.00264	0.01728	1.79E-02	0.001431	8.79E-06	0.001639	2.10E-02	0.020754	0.001446	6.5E-06	0.001809	0.024015
5111	479363.09	3864377.25	0.60894	1.15634	0.78233	0.81382	1.39E-02	0.00123	1.2E-05	0.0026	0.01774	1.84E-02	0.001629	9.58E-06	0.001615	2.16E-02	0.021292	0.001647	7.08E-06	0.001782	0.024727
5112	479863.09	3864377.25	0.61061	1.36584	0.80213	0.83464	1.39E-02	0.00146	1.2E-05	0.00267	0.01807	1.84E-02	0.001924	9.82E-06	0.001657	2.20E-02	0.02135	0.001945	7.26E-06	0.001828	0.02513
5113	480363.09	3864377.25	0.62326	1.4221	0.76922	0.8633	1.42E-02	0.00152	1.2E-05	0.00276	0.01851	1.88E-02	0.002004	9.41E-06	0.001714	2.25E-02	0.021792	0.002025	6.96E-06	0.00189	0.025715
5114	480863.09	3864377.25	0.64835	1.0362	0.68175	0.97693	1.48E-02	0.0011	1E-05	0.00312	0.01903	1.96E-02	0.00146	8.34E-06	0.001939	2.30E-02	0.02267	0.001476	6.17E-06	0.002139	0.026291
5115	481363.09	3864377.25	0.64815	1.26979	0.7767	1.07741	1.48E-02	0.00135	1.2E-05	0.00344	0.0196	1.96E-02	0.001789	9.51E-06	0.002139	2.35E-02	0.022663	0.001808	7.03E-06	0.002359	0.026837
5116	481863.09	3864377.25	0.66515	0.9652	0.85888	1.05768	1.52E-02	0.00103	1.3E-05	0.00338	0.0196	2.01E-02	0.00136	1.05E-05	0.002099	2.35E-02	0.023257	0.001375	7.77E-06	0.002316	0.026955
5117	482363.09	3864377.25	0.68378	0.91469	0.88652	1.12296	1.56E-02	0.00097	1.3E-05	0.00359	0.02018	2.06E-02	0.001289	1.09E-05	0.002229	2.42E-02	0.023908	0.001303	8.02E-06	0.002459	0.027678
5118	482863.09	3864377.25	0.67817	1.07351	0.83346	1.21639	1.55E-02	0.00114	1.3E-05	0.00389	0.02052	2.05E-02	0.001513	1.02E-05	0.002414	2.44E-02	0.023712	0.001529	7.54E-06	0.002663	0.027912
5119	483363.09	3864377.25	0.65892	1.37407	0.79036	1.2239	1.50E-02	0.00146	1.2E-05	0.00391	0.02043	1.99E-02	0.001936	9.67E-06	0.002429	2.43E-02	0.023039	0.001957	7.15E-06	0.00268	0.027683
5120	483863.09	3864377.25	0.71413	1.30634	0.94551	1.16519	1.63E-02	0.00139	1.4E-05	0.00373	0.02143	2.16E-02	0.001841	1.16E-05	0.002313	2.57E-02	0.02497	0.00186	8.55E-06	0.002551	0.02939

5121	484363.09	3864377.25	0.72395	1.23587	0.94193	1.23002		1.65E-02	0.00132	1.4E-05	0.00393	0.02178		2.18E-02	0.001741	1.15E-05	0.002441	2.60E-02		0.025313	0.00176	8.52E-06	0.002693	0.029775							
5122	484863.09	3864377.25	0.71184	1.44335	0.87844	1.2091		1.62E-02	0.00154	1.3E-05	0.00387	0.02166		2.15E-02	0.002034	1.08E-05	0.0024	2.59E-02		0.024889	0.002056	7.95E-06	0.002648	0.0296							
5123	485363.09	3864377.25	0.68673	1.44772	0.7921	1.15197		1.57E-02	0.00154	1.2E-05	0.00368	0.02091		2.07E-02	0.00204	9.69E-06	0.002287	2.51E-02		0.024011	0.002062	7.17E-06	0.002522	0.028603							
5124	485863.09	3864377.25	0.6504	1.19452	0.65723	1.05659		1.48E-02	0.00127	9.9E-06	0.00338	0.0195		1.96E-02	0.001683	8.04E-06	0.002097	2.34E-02		0.022741	0.001701	5.95E-06	0.002314	0.026762							
5125	486363.09	3864377.25	0.5892	1.94857	0.68302	0.99035		1.34E-02	0.00208	1E-05	0.00317	0.0187		1.78E-02	0.002745	8.36E-06	0.001966	2.25E-02		0.020601	0.002775	6.18E-06	0.002169	0.025551							
5126	486863.09	3864377.25	0.69172	0.87459	0.82586	1.01437		1.58E-02	0.00093	1.2E-05	0.00324	0.01997		2.09E-02	0.001232	1.01E-05	0.002013	2.41E-02		0.024186	0.001246	7.47E-06	0.002221	0.02766							
5127	487363.09	3864377.25	0.76898	0.98885	0.89692	1.16085		1.75E-02	0.00105	1.4E-05	0.00371	0.02233		2.32E-02	0.001393	1.1E-05	0.002304	2.69E-02		0.026887	0.001408	8.11E-06	0.002542	0.030846							
5128	487863.09	3864377.25	0.84433	1.24942	0.88341	1.24168		1.93E-02	0.00133	1.3E-05	0.00397	0.02458		2.55E-02	0.00176	1.08E-05	0.002465	2.97E-02		0.029522	0.001779	7.99E-06	0.002719	0.034028							
5129	488363.09	3864377.25	0.87532	2.0137	0.85	1.41565		2.00E-02	0.00215	1.3E-05	0.00453	0.02666		2.64E-02	0.002837	1.04E-05	0.00281	3.21E-02		0.030606	0.002868	7.69E-06	0.0031	0.036581							
5130	488863.09	3864377.25	0.84718	1.29012	0.79968	1.47705		1.93E-02	0.00137	1.2E-05	0.00472	0.02544		2.56E-02	0.001818	9.79E-06	0.002932	3.03E-02		0.029622	0.001837	7.23E-06	0.003234	0.0347							
5131	489363.09	3864377.25	0.81112	1.26254	0.90016	1.22824		1.85E-02	0.00135	1.4E-05	0.00393	0.0238		2.45E-02	0.001779	1.1E-05	0.002438	2.87E-02		0.028361	0.001798	8.14E-06	0.002689	0.032856							
5132	489863.09	3864377.25	0.72392	1.18919	0.82365	1.30594		1.65E-02	0.00127	1.2E-05	0.00418	0.02197		2.18E-02	0.001675	1.01E-05	0.002592	2.61E-02		0.025312	0.001694	7.45E-06	0.00286	0.029872							
5133	490363.09	3864377.25	0.86551	1.03061	0.99693	1.19482		1.98E-02	0.0011	1.5E-05	0.00382	0.02468		2.61E-02	0.001452	1.22E-05	0.002372	3.00E-02		0.030263	0.001468	9.02E-06	0.002616	0.034356							
5134	490863.09	3864377.25	0.89641	1.15039	1.08366	1.56591		2.05E-02	0.00123	1.6E-05	0.00501	0.0267		2.71E-02	0.001621	1.33E-05	0.003108	3.18E-02		0.031343	0.001638	9.8E-06	0.003429	0.03642							
5135	491363.09	3864377.25	0.99417	1.45801	1.08352	1.85681		2.27E-02	0.00155	1.6E-05	0.00594	0.03019		3.00E-02	0.002054	1.33E-05	0.003686	3.58E-02		0.034761	0.002076	9.8E-06	0.004066	0.040913							
5136	491863.09	3864377.25	0.84933	1.08066	1.1221	0.56093		1.94E-02	0.00115	1.7E-05	0.00179	0.02234		2.56E-02	0.001523	1.37E-05	0.001113	2.83E-02		0.029697	0.001539	1.02E-05	0.001228	0.032474							
5137	492363.09	3864377.25	1.07752	1.16526	1.21631	1.41045		2.46E-02	0.00124	1.8E-05	0.00451	0.03036		3.25E-02	0.001642	1.49E-05	0.0028	3.70E-02		0.037675	0.00166	1.1E-05	0.003088	0.042434							
5138	492863.09	3864377.25	1.45736	1.41903	1.86252	1.21524		3.33E-02	0.00151	2.8E-05	0.00389	0.03868		4.40E-02	0.001999	2.28E-05	0.002412	4.84E-02		0.050957	0.002021	1.68E-05	0.002661	0.055655							
5139	493363.09	3864377.25	1.26072	1.42946	1.32323	1.35458		2.88E-02	0.00152	2E-05	0.00433	0.03464		3.80E-02	0.002014	1.62E-05	0.002689	4.28E-02		0.044081	0.002036	1.2E-05	0.002966	0.049095							
5140	493863.09	3864377.25	1.2564	1.62201	1.16727	1.82029		2.87E-02	0.00173	1.8E-05	0.00582	0.03624		3.79E-02	0.002285	1.43E-05	0.003613	4.38E-02		0.04393	0.00231	1.06E-05	0.003986	0.050236							
5141	494363.09	3864377.25	1.23444	1.77681	1.14344	2.80466		2.82E-02	0.00189	1.7E-05	0.00897	0.03905		3.73E-02	0.002503	1.4E-05	0.005567	4.53E-02		0.043162	0.00253	1.03E-05	0.006141	0.051844							
5142	494863.09	3864377.25	0.99503	1.44184	0.93383	1.94521		2.27E-02	0.00154	1.4E-05	0.00622	0.03048		3.00E-02	0.002031	1.14E-05	0.003861	3.59E-02		0.034791	0.002053	8.45E-06	0.004259	0.041112							
5143	495363.09	3864377.25	1.12116	1.46496	1.23332	2.01241		2.56E-02	0.00156	1.9E-05	0.00643	0.0336		3.38E-02	0.002064	1.51E-05	0.003994	3.99E-02		0.039201	0.002086	1.12E-05	0.004407	0.045705							
5144	495863.09	3864377.25	0.87881	1.18503	1.01629	1.44602		2.01E-02	0.00126	1.5E-05	0.00462	0.02596		2.65E-02	0.00167	1.24E-05	0.00287	3.11E-02		0.030728	0.001688	9.19E-06	0.003166	0.035591							
5145	496363.09	3864377.25	0.66702	1.08801	0.65353	1.20912		1.52E-02	0.00116	9.8E-06	0.00387	0.02026		2.01E-02	0.001533	8E-06	0.0024	2.41E-02		0.023322	0.001549	5.91E-06	0.002648	0.027525							
5146	496863.09	3864377.25	0.64751	1.02181	0.66268	1.13189		1.48E-02	0.00109	1E-05	0.00362	0.01949		1.95E-02	0.00144	8.11E-06	0.002247	2.32E-02		0.02264	0.001455	6E-06	0.002478	0.02658							
5147	497363.09	3864377.25	0.55516	0.84708	0.60663	0.94303		1.27E-02	0.0009	9.1E-06	0.00301	0.0166		1.68E-02	0.001193	7.42E-06	0.001872	1.98E-02		0.019411	0.001206	5.49E-06	0.002065	0.022688							
5148	497863.09	3864377.25	0.53006	0.72751	0.52742	0.87854		1.21E-02	0.00078	7.9E-06	0.00281	0.01569		1.60E-02	0.001025	6.46E-06	0.001744	1.88E-02		0.018534	0.001036	4.77E-06	0.001924	0.021498							
5149	498363.09	3864377.25	0.51102	0.67356	0.50818	0.81687		1.17E-02	0.00072	7.7E-06	0.00261	0.015		1.54E-02	0.000949	6.22E-06	0.001621	1.80E-02		0.017868	0.000959	4.6E-06	0.001789	0.02062							
5150	471363.09	3864877.25	0.30213	0.60003	0.35192	0.49823		6.89E-03	0.00064	5.3E-06	0.00159	0.00913		9.12E-03	0.000845	4.31E-06	0.000989	1.10E-02		0.010564	0.000855	3.18E-06	0.001091	0.012513							
5151	471863.09	3864877.25	0.31042	0.52365	0.34431	0.47909		7.08E-03	0.00056	5.2E-06	0.00153	0.00918		9.37E-03	0.000738	4.21E-06	0.000951	1.11E-02		0.010854	0.000746	3.11E-06	0.001049	0.012652							
5152	472363.09	3864877.25	0.31992	0.61453	0.35031	0.47514		7.30E-03	0.00065	5.3E-06	0.00152	0.00948		9.66E-03	0.000866	4.29E-06	0.000943	1.15E-02		0.011186	0.000875	3.17E-06	0.00104	0.013105							
5153	472863.09	3864877.25	0.33392	0.7652	0.36828	0.46447		7.62E-03	0.00082	5.6E-06	0.00148	0.00993		1.01E-02	0.001078	4.51E-06	0.000922	1.21E-02		0.011675	0.00109	3.33E-06	0.001017	0.013786							
5154	473363.09	3864877.25	0.35153	0.80237	0.37051	0.46173		8.02E-03	0.00085	5.6E-06	0.00148	0.01036		1.06E-02	0.00113	4.53E-06	0.000916	1.27E-02		0.012291	0.001143	3.35E-06	0.001011	0.014448							
5155	473863.09	3864877.25	0.36772	0.70674	0.37983	0.50371		8.39E-03	0.00075	5.7E-06	0.00161	0.01076		1.11E-02	0.000996	4.65E-06	0.001	1.31E-02		0.012857	0.001007	3.44E-06	0.001103	0.01497							
5156	474363.09	3864877.25	0.37835	0.62865	0.38982	0.52687		8.63E-03	0.00067	5.9E-06	0.00168	0.01099		1.14E-02	0.000886	4.77E-06	0.001046	1.34E-02		0.013229	0.000895	3.53E-06	0.001154	0.015281							
5157	474863.09	3864877.25	0.38675	0.5957	0.39523	0.53729		8.83E-03	0.00063	6E-06	0.00172	0.01118		1.17E-02	0.000839	4.84E-06	0.001066	1.36E-02		0.013523	0.000848	3.58E-06	0.001176	0.015551							
5158	475363.09	3864877.25	0.3996	0.79989	0.43544	0.54951		9.12E-03	0.00085	6.6E-06	0.00176	0.01173		1.21E-02	0.001127	5.33E-06	0.001091	1.43E-02		0.013972	0.001139	3.94E-06	0.001203	0.016318							
5159	475863.09	3864877.25	0.44853	1.03495	0.49888	0.61281		1.02E-02	0.0011	7.5E-06	0.00196	0.01331		1.35E-02	0.001458	6.11E-06	0.001216	1.62E-02		0.015683	0.001474	4.51E-06	0.001342	0.018503							
5160	476363.09	3864877.25	0.4894	0.96423	0.60736	0.68002		1.12E-02	0.00103	9.2E-06	0.00217	0.01438		1.48E-02	0.001359	7.43E-06	0.00135	1.75E-02		0.017112	0.001373	5.49E-06	0.001489	0.01998							
5161	476863.09	3864877.25	0.50999	0.8601	0.6664	0.71706		1.16E-02	0.00092	1E-05	0.00229	0.01486		1.54E-02	0.001212	8.16E-06	0.001423	1.80E-02		0.017832	0.001225	6.03E-06	0.00157	0.020633							
5162	477363.09	3864877.25	0.50994	0.81513	0.65914	0.75721		1.16E-02	0.00087	9.9E-06	0.00242	0.01494		1.54E-02	0.001148	8.07E-06	0.001503	1.80E-02		0.01783	0.001161	5.96E-06	0.001658	0.020655							
5163	477863.09	3864877.25	0.51436	0.71599	0.62583	0.78825		1.17E-02	0.00076	9.4E-06	0.00252	0.01503		1.55E-02	0.001009	7.66E-06	0.001565	1.81E-02		0.017985	0.00102	5.66E-06	0.001726	0.020736							
5164	478363.09	3864877.25	0.54651	0.84781	0.65018	0.78817		1.25E-02	0.0009	9.8E-06	0.00252	0.0159		1.65E-02	0.001195	7.96E-06	0.001564	1.93E-02		0.019109	0.001207	5.88E-06	0.001726	0.022048							
5165	478863.09	3864877.25	0.56865	0.96943	0.72346	0.76964		1.30E-02	0.00103	1.1E-05	0.00246	0.01648		1.72E-02	0.001366	8.85E-06	0.001528	2.01E-02		0.019883	0.001381	6.54E-06	0.001685	0.022955							
5166	479363.09	3864877.25	0.57207	1.14432	0.75501	0.7745		1.31E-02	0.00122	1.1E-05	0.00248	0.01676		1.73E-02	0.001612	9.24E-06	0.001537	2.04E-02		0.020002	0.00163	6.83E-06	0.001696	0.023335							
5167	479863.09	3864877.25	0.55502	1.29874	0.73014	0.81065		1.27E-02	0.00138	1.1E-05	0.00259	0.01665		1.68E-02	0.00183	8.94E-06	0.001609	2.02E-02		0.019406	0.00185	6.61E-06	0.001775	0.023037							
5168	480363.09	3864877.25	0.58329	1.11974	0.62307	0.8172		1.33E-02	0.00119	9.4E-06	0.00261	0.01713		1.76E-02	0.001578	7.63E-06	0.001622	2.08E-02		0.020395	0.001595	5.64E-06	0.001789	0.023784							
5169	480863.09	3864877.25	0.59665	1.14803	0.68364	0.9243		1.36E-02	0.00122	1E-05	0.00296	0.0178		1.80E-02	0.001618	8.37E-06	0.001835	2.15E-02		0.020862	0.001635	6.18E-06	0.002024	0.024527							
5170	481363.09	3864877.25	0.59173	0.91249	0.75638	0.96471		1.35E-02	0.00097	1.1E-05	0.00308	0.01757		1.79E-02	0.001286	9.26E-06	0.001915	2.11E-02		0.02069	0.0013	6.84E-06	0.002112	0.024109							
5171	481863.09	3864877.25	0.63184	0.89749	0.81577	1.03142		1.44E-02	0.00096	1.2E-05	0.0033	0.01869		1.91E-02	0.001265	9.98E-06	0.002047	2.24E-02		0.022092	0.001278	7.38E-06	0.002258	0.025636							
5172	482363.09	3864877.25	0.63815	0.86991	0.7987	1.11278		1.46E-02	0.00093	1.2E-05	0.00356	0.01906		1.93E-02	0.001226	9.78E-06	0.002209	2.27E-02		0.022313	0.001239	7.23E-06	0.002437	0.025996							
5173	482863.09	3864877.25	0.62956	1.05861	0.76332	1.16779		1.44E-02	0.00113	1.2E-05	0.00373	0.01924		1.90E-02	0.001492	9.34E-06	0.002318	2.28E-02		0.022013	0.001508	6.91E-06	0.002557	0.026084							
5174	483363.09	3864877.25	0.63544	1.27904	0.74061	1.1423		1.45E-02	0.00136	1.1E-05	0.00365	0.01953		1.92E-02	0.001802	9.06E-06	0.002267	2.33E-02		0.022218	0.001822	6.7E-06	0.002501	0.026548							
5175	483863.09	3864877.25	0.68873	1.1093	0.91005	1.03359		1.57E-02	0.00118	1.4E-05	0.0033	0.02022		2.08E-02	0.001563	1.11E-05	0.002052	2.44E-02		0.024081	0.00158	8.23E-06	0.002263	0.027933							
5176	484363.09	3864877.25	0.69158	1.18054	0.89753	1.19622		1.58E-02	0.00126	1.4E-05	0.00382	0.02088		2.09E-02	0.001663	1.1E-05	0.002374	2.49E-02		0.024181	0.001681	8.12E-06	0.002619	0.02849							
5177	484863.09	3864877.25	0.6761	1.23019	0.83617	1.17487		1.54E-02	0.00131	1.3E-05	0.00376	0.02051		2.04E-02	0.001733	1.02E-05	0.002332	2.45E-02		0.02364	0.001752	7.56E-06	0.002573	0.027972							
5178	485363.09	3864877.25	0.65521	1.28166	0.76156	1.1113		1.50E-02	0.00137	1.1E-05	0.00355	0.01988		1.98E-02	0.001806	9.32E-06	0.002206	2.38E-02		0.022909	0.001825	6.89E-06	0.002433	0.027175							
5179	485863.09	3864877.25	0.60675	1.19099	0.59792	1.00691		1.38E-02	0.00127	9E-06	0.00322	0.01834		1.83E-02	0.001678	7.32E-06	0.001999	2.20E-02		0.021215	0.001696	5.41E-06	0.002205	0.025121							
5180	486363.09	3864877.25	0.53241	1.78813	0.62929	0.92898		1.22E-02	0.0019	9.5E-06	0.00297	0.01703		1.61E-02	0.002519	7.7E-06	0.001844	2.04E-02		0.018616	0.002547	5.69E-06	0.002034	0.023202							
5181	486863.09	3864877.25	0.63063	0.79671	0.76215	0.91712		1.44E-02	0.00085	1.1E-05	0.00293	0.01818		1.90E-02	0.001123	9.33E-06	0.00182	2.20E-02		0.02205	0.001135	6.89E-06	0.002008	0.0252							

5182	487363.09	3864877.25	0.69537	0.89274	0.83578	1.09321	1.59E-02	0.00095	1.3E-05	0.0035	0.02033	2.10E-02	0.001258	1.02E-05	0.00217	2.44E-02	0.024314	0.001271	7.56E-06	0.002394	0.027986
5183	487863.09	3864877.25	0.76088	1.05085	0.81852	1.15666	1.74E-02	0.00112	1.2E-05	0.0037	0.02219	2.30E-02	0.001481	1E-05	0.002296	2.68E-02	0.026604	0.001497	7.4E-06	0.002533	0.030641
5184	488363.09	3864877.25	0.79429	1.79979	0.79589	1.27249	1.81E-02	0.00192	1.2E-05	0.00407	0.02412	2.40E-02	0.002536	9.74E-06	0.002526	2.90E-02	0.027772	0.002563	7.2E-06	0.002786	0.033129
5185	488863.09	3864877.25	0.77452	1.4197	0.77333	1.32569	1.77E-02	0.00151	1.2E-05	0.00424	0.02344	2.34E-02	0.002	9.46E-06	0.002631	2.80E-02	0.027081	0.002022	7E-06	0.002903	0.032013
5186	489363.09	3864877.25	0.75482	1.1397	0.77964	1.13658	1.72E-02	0.00121	1.2E-05	0.00363	0.02209	2.28E-02	0.001606	9.54E-06	0.002256	2.67E-02	0.026392	0.001623	7.05E-06	0.002489	0.030511
5187	489863.09	3864877.25	0.69987	1.17145	0.83923	1.19276	1.60E-02	0.00125	1.3E-05	0.00381	0.02105	2.11E-02	0.00165	1.03E-05	0.002368	2.52E-02	0.024471	0.001668	7.59E-06	0.002612	0.028759
5188	490363.09	3864877.25	0.73086	0.97408	0.80937	1.20041	1.67E-02	0.00104	1.2E-05	0.00384	0.02157	2.21E-02	0.001372	9.91E-06	0.002383	2.58E-02	0.025554	0.001387	7.32E-06	0.002628	0.029578
5189	490863.09	3864877.25	0.88015	1.02341	1.04493	1.32105	2.01E-02	0.00109	1.6E-05	0.00422	0.02542	2.66E-02	0.001442	1.28E-05	0.002622	3.06E-02	0.030774	0.001457	9.45E-06	0.002893	0.035134
5190	491363.09	3864877.25	0.89998	1.27607	1.11581	1.65534	2.05E-02	0.00136	1.7E-05	0.00529	0.02721	2.72E-02	0.001798	1.37E-05	0.003286	3.23E-02	0.031468	0.001817	1.01E-05	0.003625	0.03692
5191	491863.09	3864877.25	0.94281	1.36493	0.88629	1.88192	2.15E-02	0.00145	1.3E-05	0.00602	0.029	2.85E-02	0.001923	1.08E-05	0.003735	3.41E-02	0.032965	0.001944	8.02E-06	0.004121	0.039038
5192	492363.09	3864877.25	0.53806	0.54293	0.72057	0.33481	1.23E-02	0.00058	1.1E-05	0.00107	0.01394	1.62E-02	0.000765	8.82E-06	0.000665	1.77E-02	0.018813	0.000773	6.52E-06	0.000733	0.020326
5193	492863.09	3864877.25	0.8378	0.81118	1.02851	0.48798	1.91E-02	0.00086	1.6E-05	0.00156	0.02156	2.53E-02	0.001143	1.26E-05	0.000969	2.74E-02	0.029294	0.001155	9.3E-06	0.001069	0.031527
5194	493363.09	3864877.25	0.91804	0.86263	1.21902	0.59547	2.10E-02	0.00092	1.8E-05	0.0019	0.02379	2.77E-02	0.001215	1.49E-05	0.001182	3.01E-02	0.032099	0.001229	1.1E-05	0.001304	0.034643
5195	493863.09	3864877.25	1.16634	1.33122	1.20004	1.3476	2.66E-02	0.00142	1.8E-05	0.00431	0.03236	3.52E-02	0.001876	1.47E-05	0.002675	3.98E-02	0.040781	0.001896	1.09E-05	0.002951	0.045639
5196	494363.09	3864877.25	1.04622	1.49095	0.94966	1.70697	2.39E-02	0.00159	1.4E-05	0.00546	0.03094	3.16E-02	0.002101	1.16E-05	0.003388	3.71E-02	0.036581	0.002123	8.59E-06	0.003738	0.042451
5197	494863.09	3864877.25	1.11913	1.63481	1.03808	2.56156	2.55E-02	0.00174	1.6E-05	0.00819	0.03549	3.38E-02	0.002303	1.27E-05	0.005084	4.12E-02	0.03913	0.002328	9.39E-06	0.005609	0.047077
5198	495363.09	3864877.25	0.88577	1.36325	0.8509	1.88921	2.02E-02	0.00145	1.3E-05	0.00604	0.02772	2.67E-02	0.001921	1.04E-05	0.00375	3.24E-02	0.030971	0.001941	7.7E-06	0.004137	0.037057
5199	495863.09	3864877.25	1.02436	1.35427	1.1213	1.65637	2.34E-02	0.00144	1.7E-05	0.0053	0.03013	3.09E-02	0.001908	1.37E-05	0.003288	3.61E-02	0.035817	0.001929	1.01E-05	0.003627	0.041382
5200	496363.09	3864877.25	0.89368	1.20653	1.03263	1.51825	2.04E-02	0.00129	1.6E-05	0.00485	0.02655	2.70E-02	0.0017	1.26E-05	0.003014	3.17E-02	0.031247	0.001718	9.34E-06	0.003324	0.0363
5201	496863.09	3864877.25	0.61014	0.99276	0.61613	1.18478	1.39E-02	0.00106	9.3E-06	0.00379	0.01878	1.84E-02	0.001399	7.54E-06	0.002352	2.22E-02	0.021334	0.001414	5.57E-06	0.002594	0.025347
5202	497363.09	3864877.25	0.59732	0.96412	0.59692	1.05648	1.36E-02	0.00103	9E-06	0.00338	0.01805	1.80E-02	0.001358	7.31E-06	0.002097	2.15E-02	0.020885	0.001373	5.4E-06	0.002313	0.024577
5203	497863.09	3864877.25	0.54731	0.85466	0.58116	0.93814	1.25E-02	0.00091	8.8E-06	0.003	0.01641	1.65E-02	0.001204	7.11E-06	0.001862	1.96E-02	0.019137	0.001217	5.26E-06	0.002054	0.022413
5204	498363.09	3864877.25	0.49112	0.67696	0.49398	0.81744	1.12E-02	0.00072	7.4E-06	0.00261	0.01455	1.48E-02	0.000954	6.05E-06	0.001623	1.74E-02	0.017172	0.000964	4.47E-06	0.00179	0.01993
5205	471363.09	3865377.25	0.28853	0.51367	0.31288	0.4533	6.58E-03	0.00055	4.7E-06	0.00145	0.00859	8.71E-03	0.000724	3.83E-06	0.0009	1.03E-02	0.010088	0.000732	2.83E-06	0.000993	0.011815
5206	471863.09	3865377.25	0.29606	0.67502	0.32826	0.44165	6.76E-03	0.00072	4.9E-06	0.00141	0.00889	8.94E-03	0.000951	4.02E-06	0.000877	1.08E-02	0.010352	0.000961	2.97E-06	0.000967	0.012283
5207	472363.09	3865377.25	0.30764	0.75757	0.34212	0.42256	7.02E-03	0.00081	5.2E-06	0.00135	0.00918	9.28E-03	0.001067	4.19E-06	0.000839	1.12E-02	0.010757	0.001079	3.1E-06	0.000925	0.012764
5208	472863.09	3865377.25	0.3233	0.72101	0.35649	0.45957	7.38E-03	0.00077	5.4E-06	0.00147	0.00962	9.76E-03	0.001016	4.36E-06	0.000912	1.17E-02	0.011304	0.001027	3.23E-06	0.001006	0.013341
5209	473363.09	3865377.25	0.33592	0.60233	0.36326	0.46936	7.67E-03	0.00064	5.5E-06	0.0015	0.00981	1.01E-02	0.000849	4.45E-06	0.000932	1.19E-02	0.011745	0.000858	3.29E-06	0.001028	0.013634
5210	473863.09	3865377.25	0.34486	0.56031	0.37031	0.4913	7.87E-03	0.0006	5.6E-06	0.00157	0.01004	1.04E-02	0.000789	4.53E-06	0.000975	1.22E-02	0.012058	0.000798	3.35E-06	0.001076	0.013935
5211	474363.09	3865377.25	0.35258	0.52017	0.37421	0.50432	8.05E-03	0.00055	5.6E-06	0.00161	0.01022	1.06E-02	0.000733	4.58E-06	0.001001	1.24E-02	0.012328	0.000741	3.39E-06	0.001104	0.014176
5212	474863.09	3865377.25	0.36856	0.72203	0.41029	0.50747	8.41E-03	0.00077	6.2E-06	0.00162	0.01081	1.11E-02	0.001017	5.02E-06	0.001007	1.32E-02	0.012887	0.001028	3.71E-06	0.001111	0.01503
5213	475363.09	3865377.25	0.41855	0.9155	0.45955	0.58548	9.55E-03	0.00098	6.9E-06	0.00187	0.01241	1.26E-02	0.00129	5.62E-06	0.001162	1.51E-02	0.014635	0.001304	4.16E-06	0.001282	0.017225
5214	475863.09	3865377.25	0.45816	0.87722	0.55837	0.64946	1.05E-02	0.00093	8.4E-06	0.00208	0.01347	1.38E-02	0.001236	6.83E-06	0.001289	1.64E-02	0.01602	0.001249	5.05E-06	0.001422	0.018696
5215	476363.09	3865377.25	0.48447	0.78586	0.62475	0.69581	1.11E-02	0.00084	9.4E-06	0.00222	0.01413	1.46E-02	0.001107	7.65E-06	0.001381	1.71E-02	0.016939	0.001119	5.65E-06	0.001524	0.019588
5216	476863.09	3865377.25	0.50571	0.8387	0.64495	0.71348	1.15E-02	0.00089	9.7E-06	0.00228	0.01472	1.53E-02	0.001182	7.89E-06	0.001416	1.79E-02	0.017682	0.001194	5.83E-06	0.001562	0.020445
5217	477363.09	3865377.25	0.48678	0.68009	0.59347	0.75816	1.11E-02	0.00072	8.9E-06	0.00242	0.01427	1.47E-02	0.000958	7.26E-06	0.001505	1.72E-02	0.01702	0.000969	5.37E-06	0.00166	0.019654
5218	477863.09	3865377.25	0.50644	0.74117	0.59636	0.75295	1.16E-02	0.00079	9E-06	0.00241	0.01476	1.53E-02	0.001044	7.3E-06	0.001495	1.78E-02	0.017708	0.001056	5.4E-06	0.001649	0.020417
5219	478363.09	3865377.25	0.53251	0.82733	0.66778	0.72904	1.22E-02	0.00088	1E-05	0.00233	0.01537	1.61E-02	0.001166	8.17E-06	0.001447	1.87E-02	0.018619	0.001178	6.04E-06	0.001596	0.0214
5220	478863.09	3865377.25	0.53846	0.96785	0.71101	0.71405	1.23E-02	0.00103	1.1E-05	0.00228	0.01561	1.63E-02	0.001364	8.7E-06	0.001417	1.90E-02	0.018827	0.001378	6.43E-06	0.001564	0.021776
5221	479363.09	3865377.25	0.52529	1.12986	0.69775	0.76789	1.20E-02	0.0012	1.1E-05	0.00245	0.01566	1.59E-02	0.001592	8.54E-06	0.001524	1.90E-02	0.018367	0.001609	6.31E-06	0.001681	0.021664
5222	479863.09	3865377.25	0.51348	1.11864	0.61062	0.7824	1.17E-02	0.00119	9.2E-06	0.0025	0.01542	1.55E-02	0.001576	7.47E-06	0.001553	1.86E-02	0.017954	0.001593	5.52E-06	0.001713	0.021266
5223	480363.09	3865377.25	0.54187	1.03984	0.60347	0.77994	1.24E-02	0.00111	9.1E-06	0.00249	0.01598	1.64E-02	0.001465	7.39E-06	0.001548	1.94E-02	0.018946	0.001481	5.46E-06	0.001708	0.022141
5224	480863.09	3865377.25	0.54528	0.87669	0.67986	0.85673	1.24E-02	0.00093	1E-05	0.00274	0.01613	1.65E-02	0.001235	8.32E-06	0.001701	1.94E-02	0.019066	0.001249	6.15E-06	0.001876	0.022196
5225	481363.09	3865377.25	0.57463	0.837	0.72844	0.94692	1.31E-02	0.00089	1.1E-05	0.00303	0.01704	1.73E-02	0.001179	8.92E-06	0.00188	2.04E-02	0.020092	0.001192	6.59E-06	0.002073	0.023364
5226	481863.09	3865377.25	0.59729	0.68925	0.75385	0.99898	1.36E-02	0.00073	1.1E-05	0.00319	0.01757	1.80E-02	0.000971	9.23E-06	0.001983	2.10E-02	0.020884	0.000982	6.82E-06	0.002187	0.02406
5227	482363.09	3865377.25	0.59657	0.89843	0.72949	1.08994	1.36E-02	0.00096	1.1E-05	0.00348	0.01807	1.80E-02	0.001266	8.93E-06	0.002163	2.14E-02	0.020859	0.001279	6.6E-06	0.002387	0.024532
5228	482863.09	3865377.25	0.57951	1.14651	0.69937	1.10702	1.32E-02	0.00122	1.1E-05	0.00354	0.018	1.75E-02	0.001615	8.56E-06	0.002197	2.13E-02	0.020263	0.001633	6.33E-06	0.002424	0.024326
5229	483363.09	3865377.25	0.62252	1.05717	0.74472	1.03432	1.42E-02	0.00113	1.1E-05	0.00331	0.01865	1.88E-02	0.001489	9.11E-06	0.002053	2.23E-02	0.021766	0.001506	6.74E-06	0.002265	0.025543
5230	483863.09	3865377.25	0.66578	0.93991	0.87726	1.02523	1.52E-02	0.001	1.3E-05	0.00328	0.01949	2.01E-02	0.001324	1.07E-05	0.002035	2.35E-02	0.023279	0.001339	7.94E-06	0.002245	0.02687
5231	484363.09	3865377.25	0.66321	1.17585	0.85964	1.16908	1.51E-02	0.00125	1.3E-05	0.00374	0.02014	2.00E-02	0.001657	1.05E-05	0.002321	2.40E-02	0.023189	0.001675	7.78E-06	0.00256	0.027431
5232	484863.09	3865377.25	0.64614	1.07956	0.80023	1.14151	1.47E-02	0.00115	1.2E-05	0.00365	0.01956	1.95E-02	0.001521	9.79E-06	0.002266	2.33E-02	0.022592	0.001537	7.24E-06	0.0025	0.026636
5233	485363.09	3865377.25	0.62428	1.07842	0.73006	1.06483	1.42E-02	0.00115	1.1E-05	0.0034	0.01881	1.88E-02	0.001519	8.94E-06	0.002114	2.25E-02	0.021828	0.001536	6.6E-06	0.002332	0.025702
5234	485863.09	3865377.25	0.56725	1.25664	0.55231	0.96437	1.29E-02	0.00134	8.3E-06	0.00308	0.01738	1.71E-02	0.001771	6.76E-06	0.001914	2.08E-02	0.019834	0.00179	5E-06	0.002112	0.02374
5235	486363.09	3865377.25	0.48964	1.61619	0.58081	0.88773	1.12E-02	0.00172	8.8E-06	0.00284	0.01574	1.48E-02	0.002277	7.11E-06	0.001762	1.88E-02	0.01712	0.002302	5.25E-06	0.001944	0.021371
5236	486863.09	3865377.25	0.57671	0.72833	0.70153	0.85712	1.32E-02	0.00078	1.1E-05	0.00274	0.01669	1.74E-02	0.001026	8.59E-06	0.001701	2.01E-02	0.020165	0.001037	6.35E-06	0.001877	0.023085
5237	487363.09	3865377.25	0.63726	0.8713	0.78601	1.02961	1.45E-02	0.00093	1.2E-05	0.00329	0.01877	1.92E-02	0.001228	9.62E-06	0.002044	2.25E-02	0.022282	0.001241	7.11E-06	0.002255	0.025784
5238	487863.09	3865377.25	0.69352	0.92332	0.77084	1.0938	1.58E-02	0.00098	1.2E-05	0.0035	0.02032	2.09E-02	0.001301	9.43E-06	0.002171	2.44E-02	0.024249	0.001315	6.97E-06	0.002395	0.027966
5239	488363.09	3865377.25	0.72439	1.56546	0.73417	1.16691	1.65E-02	0.00167	1.1E-05	0.00373	0.02194	2.19E-02	0.002206	8.99E-06	0.002316	2.64E-02	0.025328	0.002229	6.64E-06	0.002555	0.030119
5240	488863.09	3865377.25	0.709	1.46348	0.76502	1.20392	1.62E-02	0.00156	1.2E-05	0.00385	0.0216	2.14E-02	0.002062	9.36E-06	0.00239	2.59E-02	0.02479	0.002084	6.92E-06	0.002636	0.029517
5241	489363.09	3865377.25	0.69682	0.93283	0.67319	1.04011	1.59E-02	0.00099	1E-05	0.00333	0.02023	2.10E-02	0.001314	8.24E-06	0.002065	2.44E-02	0.024364	0.001328	6.09E-06	0.002277	0.027976
5242	489863.09	3865377.25	0.68117	1.10287	0.80662	1.05064	1.55E-02	0.00117	1.2E-05	0.00336	0.02009	2.06E-02	0.001554	9.87E-06	0.002085	2.42E-02	0.023817	0.001571	7.3E-06	0.002301	0.027696

5243	490363.09	3865377.25	0.65888	1.0203	0.74568	1.23383		1.50E-02	0.00109	1.1E-05	0.00394	0.02008		1.99E-02	0.001438	9.13E-06	0.002449	2.38E-02		0.023038	0.001453	6.75E-06	0.002702	0.027199						
5244	490863.09	3865377.25	0.77211	0.90959	0.89024	0.99846		1.76E-02	0.00097	1.3E-05	0.00319	0.02179		2.33E-02	0.001282	1.09E-05	0.001982	2.66E-02		0.026997	0.001295	8.05E-06	0.002186	0.030487						
5245	491363.09	3865377.25	0.87421	1.09113	0.9807	1.44293		2.00E-02	0.00116	1.5E-05	0.00461	0.02574		2.64E-02	0.001537	1.2E-05	0.002864	3.08E-02		0.030567	0.001554	8.87E-06	0.00316	0.035289						
5246	491863.09	3865377.25	0.8796	1.29976	1.04453	1.88484		2.01E-02	0.00138	1.6E-05	0.00603	0.0275		2.65E-02	0.001831	1.28E-05	0.003741	3.21E-02		0.030755	0.001851	9.45E-06	0.004127	0.036743						
5247	492363.09	3865377.25	0.80071	1.51171	1.01572	1.158		1.83E-02	0.00161	1.5E-05	0.0037	0.0236		2.42E-02	0.00213	1.24E-05	0.002299	2.86E-02		0.027997	0.002153	9.19E-06	0.002536	0.032694						
5248	492863.09	3865377.25	0.8508	0.88399	1.05893	0.73402		1.94E-02	0.00094	1.6E-05	0.00235	0.02272		2.57E-02	0.001245	1.3E-05	0.001457	2.84E-02		0.029748	0.001259	9.58E-06	0.001607	0.032624						
5249	493363.09	3865377.25	0.81688	0.74353	1.03848	0.4021		1.86E-02	0.00079	1.6E-05	0.00129	0.02074		2.47E-02	0.001048	1.27E-05	0.000798	2.65E-02		0.028562	0.001059	9.39E-06	0.00088	0.030511						
5250	493863.09	3865377.25	1.299	1.4908	1.53205	1.38284		2.96E-02	0.00159	2.3E-05	0.00442	0.03568		3.92E-02	0.0021	1.88E-05	0.002745	4.41E-02		0.045419	0.002123	1.39E-05	0.003028	0.050584						
5251	494363.09	3865377.25	1.07047	1.24274	1.08453	1.37596		2.44E-02	0.00132	1.6E-05	0.0044	0.03017		3.23E-02	0.001751	1.33E-05	0.002731	3.68E-02		0.037429	0.00177	9.81E-06	0.003013	0.042221						
5252	494863.09	3865377.25	1.01259	1.39277	0.92406	1.59268		2.31E-02	0.00148	1.4E-05	0.00509	0.0297		3.06E-02	0.001962	1.13E-05	0.003161	3.57E-02		0.035405	0.001984	8.36E-06	0.003487	0.040884						
5253	495363.09	3865377.25	1.05736	1.51153	0.96904	2.35836		2.41E-02	0.00161	1.5E-05	0.00754	0.03329		3.19E-02	0.00213	1.19E-05	0.004681	3.87E-02		0.036971	0.002153	8.77E-06	0.005164	0.044296						
5254	495863.09	3865377.25	0.78697	1.2884	0.79679	1.8074		1.80E-02	0.00137	1.2E-05	0.00578	0.02512		2.38E-02	0.001815	9.75E-06	0.003588	2.92E-02		0.027516	0.001835	7.21E-06	0.003958	0.033316						
5255	496363.09	3865377.25	1.02285	1.30758	1.06408	1.86641		2.33E-02	0.00139	1.6E-05	0.00597	0.03072		3.09E-02	0.001842	1.3E-05	0.003705	3.64E-02		0.035764	0.001862	9.63E-06	0.004087	0.041723						
5256	496863.09	3865377.25	0.91741	1.23756	1.05651	1.57955		2.09E-02	0.00132	1.6E-05	0.00505	0.02732		2.77E-02	0.001744	1.29E-05	0.003135	3.26E-02		0.032077	0.001762	9.56E-06	0.003459	0.037308						
5257	497363.09	3865377.25	0.60917	0.90244	0.68196	1.14792		1.39E-02	0.00096	1E-05	0.00367	0.01854		1.84E-02	0.001271	8.35E-06	0.002279	2.19E-02		0.0213	0.001285	6.17E-06	0.002514	0.025105						
5258	497863.09	3865377.25	0.55694	0.90155	0.53672	1.02291		1.27E-02	0.00096	8.1E-06	0.00327	0.01695		1.68E-02	0.00127	6.57E-06	0.00203	2.01E-02		0.019473	0.001284	4.86E-06	0.00224	0.023002						
5259	498363.09	3865377.25	0.53595	0.83619	0.54047	1.05153		1.22E-02	0.00089	8.1E-06	0.00336	0.01649		1.62E-02	0.001178	6.61E-06	0.002087	1.94E-02		0.018739	0.001191	4.89E-06	0.002302	0.022238						
5260	471363.09	3865877.25	0.27366	0.68508	0.30925	0.40019		6.25E-03	0.00073	4.7E-06	0.00128	0.00826		8.26E-03	0.000965	3.78E-06	0.000794	1.00E-02		0.009569	0.000976	2.8E-06	0.000876	0.011423						
5261	471863.09	3865877.25	0.28358	0.69592	0.32973	0.40475		6.47E-03	0.00074	5E-06	0.00129	0.00851		8.56E-03	0.000981	4.04E-06	0.000803	1.03E-02		0.009915	0.000991	2.98E-06	0.000886	0.011796						
5262	472363.09	3865877.25	0.29843	0.60431	0.34252	0.44781		6.81E-03	0.00064	5.2E-06	0.00143	0.00889		9.01E-03	0.000851	4.19E-06	0.000889	1.08E-02		0.010435	0.000861	3.1E-06	0.000981	0.012279						
5263	472863.09	3865877.25	0.30743	0.54646	0.34739	0.45095		7.02E-03	0.00058	5.2E-06	0.00144	0.00904		9.28E-03	0.00077	4.25E-06	0.000895	1.09E-02		0.010749	0.000778	3.14E-06	0.000987	0.012518						
5264	473363.09	3865877.25	0.31568	0.50044	0.35135	0.47614		7.20E-03	0.00053	5.3E-06	0.00152	0.00926		9.53E-03	0.000705	4.3E-06	0.000945	1.12E-02		0.011038	0.000713	3.18E-06	0.001043	0.012796						
5265	473863.09	3865877.25	0.32297	0.46841	0.35537	0.4866		7.37E-03	0.0005	5.4E-06	0.00156	0.00943		9.75E-03	0.00066	4.35E-06	0.000966	1.14E-02		0.011293	0.000667	3.21E-06	0.001065	0.013028						
5266	474363.09	3865877.25	0.3454	0.63768	0.38593	0.48835		7.88E-03	0.00068	5.8E-06	0.00156	0.01013		1.04E-02	0.000898	4.72E-06	0.000969	1.23E-02		0.012077	0.000908	3.49E-06	0.001069	0.014058						
5267	474863.09	3865877.25	0.39362	0.80446	0.42682	0.56099		8.98E-03	0.00086	6.4E-06	0.00179	0.01164		1.19E-02	0.001133	5.22E-06	0.001114	1.41E-02		0.013763	0.001146	3.86E-06	0.001228	0.016141						
5268	475363.09	3865877.25	0.43088	0.79735	0.51487	0.62154		9.83E-03	0.00085	7.8E-06	0.00199	0.01268		1.30E-02	0.001123	6.3E-06	0.001234	1.54E-02		0.015066	0.001136	4.66E-06	0.001361	0.017567						
5269	475863.09	3865877.25	0.45065	0.69764	0.57062	0.65753		1.03E-02	0.00074	8.6E-06	0.0021	0.01314		1.36E-02	0.000983	6.98E-06	0.001305	1.59E-02		0.015757	0.000994	5.16E-06	0.00144	0.018195						
5270	476363.09	3865877.25	0.46092	0.7502	0.58659	0.70219		1.05E-02	0.0008	8.8E-06	0.00224	0.01357		1.39E-02	0.001057	7.18E-06	0.001394	1.64E-02		0.016116	0.001068	5.31E-06	0.001538	0.018727						
5271	476863.09	3865877.25	0.49438	0.72202	0.59894	0.69555		1.13E-02	0.00077	9E-06	0.00222	0.01428		1.49E-02	0.001017	7.33E-06	0.001381	1.73E-02		0.017286	0.001028	5.42E-06	0.001523	0.019843						
5272	477363.09	3865877.25	0.48399	0.691	0.56262	0.72612		1.10E-02	0.00074	8.5E-06	0.00232	0.01411		1.46E-02	0.000974	6.89E-06	0.001441	1.70E-02		0.016923	0.000984	5.09E-06	0.00159	0.019502						
5273	477863.09	3865877.25	0.49838	0.7218	0.61572	0.69135		1.14E-02	0.00077	9.3E-06	0.00221	0.01436		1.50E-02	0.001017	7.54E-06	0.001372	1.74E-02		0.017426	0.001028	5.57E-06	0.001514	0.019973						
5274	478363.09	3865877.25	0.50965	0.83704	0.66911	0.65816		1.16E-02	0.00089	1E-05	0.0021	0.01464		1.54E-02	0.001179	8.19E-06	0.001306	1.79E-02		0.01782	0.001192	6.05E-06	0.001441	0.020459						
5275	478863.09	3865877.25	0.50115	0.97003	0.66958	0.72293		1.14E-02	0.00103	1E-05	0.00231	0.01479		1.51E-02	0.001367	8.2E-06	0.001435	1.79E-02		0.017523	0.001381	6.06E-06	0.001583	0.020493						
5276	479363.09	3865877.25	0.47383	1.03067	0.59761	0.7493		1.08E-02	0.0011	9E-06	0.0024	0.01432		1.43E-02	0.001452	7.31E-06	0.001487	1.72E-02		0.016567	0.001468	5.41E-06	0.001641	0.019681						
5277	479863.09	3865877.25	0.48516	0.93803	0.53692	0.74958		1.11E-02	0.001	8.1E-06	0.0024	0.01448		1.46E-02	0.001322	6.57E-06	0.001488	1.75E-02		0.016964	0.001336	4.86E-06	0.001641	0.019946						
5278	480363.09	3865877.25	0.5033	0.87219	0.60557	0.73629		1.15E-02	0.00093	9.1E-06	0.00235	0.01478		1.52E-02	0.001229	7.41E-06	0.001461	1.79E-02		0.017598	0.001242	5.48E-06	0.001612	0.020458						
5279	480863.09	3865877.25	0.50959	0.82278	0.67093	0.84024		1.16E-02	0.00088	1E-05	0.00269	0.0152		1.54E-02	0.001159	8.21E-06	0.001668	1.82E-02		0.017818	0.001172	6.07E-06	0.00184	0.020835						
5280	481363.09	3865877.25	0.55236	0.79597	0.69423	0.9363		1.26E-02	0.00085	1E-05	0.00299	0.01646		1.67E-02	0.001121	8.5E-06	0.001858	1.97E-02		0.019313	0.001134	6.28E-06	0.00205	0.022503						
5281	481863.09	3865877.25	0.5635	0.79343	0.69315	0.96985		1.29E-02	0.00085	1E-05	0.0031	0.01682		1.70E-02	0.001118	8.48E-06	0.001925	2.01E-02		0.019703	0.00113	6.27E-06	0.002124	0.022963						
5282	482363.09	3865877.25	0.55643	0.93052	0.67608	1.05461		1.27E-02	0.00099	1E-05	0.00337	0.01707		1.68E-02	0.001311	8.27E-06	0.002093	2.02E-02		0.019456	0.001325	6.12E-06	0.002309	0.023096						
5283	482863.09	3865877.25	0.53142	1.09675	0.65081	1.02574		1.21E-02	0.00117	9.8E-06	0.00328	0.01658		1.60E-02	0.001545	7.97E-06	0.002036	1.96E-02		0.018581	0.001562	5.89E-06	0.002246	0.022395						
5284	483363.09	3865877.25	0.61034	0.92897	0.74422	0.92699		1.39E-02	0.00099	1.1E-05	0.00296	0.01789		1.84E-02	0.001309	9.11E-06	0.00184	2.16E-02		0.021341	0.001323	6.73E-06	0.00203	0.0247						
5285	483863.09	3865877.25	0.64646	0.88084	0.84999	1.0384		1.48E-02	0.00094	1.3E-05	0.00332	0.01902		1.95E-02	0.001241	1.04E-05	0.002061	2.28E-02		0.022603	0.001254	7.69E-06	0.002274	0.026139						
5286	484363.09	3865877.25	0.64184	1.10792	0.8304	1.15412		1.46E-02	0.00118	1.3E-05	0.00369	0.01953		1.94E-02	0.001561	1.02E-05	0.002291	2.32E-02		0.022442	0.001578	7.51E-06	0.002527	0.026554						
5287	484863.09	3865877.25	0.61935	0.9353	0.76823	1.10358		1.41E-02	0.001	1.2E-05	0.00353	0.01867		1.87E-02	0.001318	9.4E-06	0.00219	2.22E-02		0.021656	0.001332	6.95E-06	0.002416	0.025411						
5288	485363.09	3865877.25	0.59442	1.0016	0.6974	1.02038		1.36E-02	0.00107	1.1E-05	0.00326	0.0179		1.79E-02	0.001411	8.54E-06	0.002025	2.14E-02		0.020784	0.001426	6.31E-06	0.002234	0.024451						
5289	485863.09	3865877.25	0.5312	1.30662	0.51124	0.92782		1.21E-02	0.00139	7.7E-06	0.00297	0.01649		1.60E-02	0.001841	6.26E-06	0.001842	1.97E-02		0.018573	0.001861	4.63E-06	0.002032	0.02247						
5290	486363.09	3865877.25	0.44792	1.43231	0.53387	0.84873		1.02E-02	0.00153	8E-06	0.00271	0.01447		1.35E-02	0.002018	6.53E-06	0.001685	1.72E-02		0.015661	0.00204	4.83E-06	0.001858	0.019565						
5291	486863.09	3865877.25	0.52758	0.66667	0.64195	0.79782		1.20E-02	0.00071	9.7E-06	0.00255	0.01531		1.59E-02	0.000939	7.86E-06	0.001584	1.85E-02		0.018447	0.000949	5.81E-06	0.001747	0.021149						
5292	487363.09	3865877.25	0.58807	0.84595	0.73972	0.96486		1.34E-02	0.0009	1.1E-05	0.00308	0.01742		1.77E-02	0.001192	9.05E-06	0.001915	2.09E-02		0.020562	0.001205	6.69E-06	0.002113	0.023886						
5293	487863.09	3865877.25	0.64058	0.81683	0.73647	1.0444		1.46E-02	0.00087	1.1E-05	0.00334	0.01884		1.93E-02	0.001151	9.01E-06	0.002073	2.26E-02		0.022398	0.001163	6.66E-06	0.002287	0.025855						
5294	488363.09	3865877.25	0.66423	1.33723	0.66299	1.08818		1.52E-02	0.00142	1E-05	0.00348	0.02007		2.00E-02	0.001884	8.11E-06	0.00216	2.41E-02		0.023225	0.001904	6E-06	0.002383	0.027518						
5295	488863.09	3865877.25	0.65193	1.43997	0.74076	1.1094		1.49E-02	0.00153	1.1E-05	0.00355	0.01997		1.97E-02	0.002029	9.07E-06	0.002202	2.39E-02		0.022795	0.002051	6.7E-06	0.002429	0.027281						
5296	489363.09	3865877.25	0.64085	0.88981	0.6328	0.95658		1.46E-02	0.00095	9.5E-06	0.00306	0.01864		1.93E-02	0.001254	7.74E-06	0.001899	2.25E-02		0.022407	0.001267	5.72E-06	0.002095	0.025775						
5297	489863.09	3865877.25	0.6418	1.00493	0.72018	0.8851		1.46E-02	0.00107	1.1E-05	0.00283	0.01856		1.94E-02	0.001416	8.81E-06	0.001757	2.26E-02		0.022441	0.001431	6.52E-06	0.001938	0.025816						
5298	490363.09	3865877.25	0.63087	1.01087	0.75719	1.10576		1.44E-02	0.00108	1.1E-05	0.00354	0.01902		1.90E-02	0.001424	9.27E-06	0.002195	2.27E-02		0.022058	0.00144	6.85E-06	0.002421	0.025926						
5299	490863.09	3865877.25	0.65148	0.8878	0.74309	1.11171		1.49E-02	0.00095	1.1E-05	0.00355	0.01938		1.97E-02	0.001251	9.09E-06	0.002207	2.31E-02		0.022779	0.001264	6.72E-06	0.002434	0.026484						
5300	491363.09	3865877.25	0.79796	0.90165	0.92276	1.04564		1.82E-02	0.00096	1.4E-05	0.00334	0.02253		2.41E-02	0.00127	1.13E-05	0.002075	2.74E-02		0.027901	0.001284	8.35E-06	0.00229	0.031483						
5301	491863.09	3865877.25	0.86413	1.11112	1.11853	1.57481		1.97E-02	0.00118	1.7E-05	0.00503	0.02596		2.61E-02	0.001565	1.37E-05	0.003126	3.08E-02		0.030214	0.001582	1.01E-05	0.003448	0.035255						
5302	492363.09	3865877.25	0.96438	1.52882	1.04605	1.60907		2.20E-02	0.00163	1.6E-05	0.00514	0.0288		2.91E-02	0.002154	1.28E-05	0.003194	3.45E-02		0.033719	0.002177	9.46E-06	0.003523	0.03943						
5303	492863.09	3865877.25	0.75133	0.92448	0.95804	0.59504		1.71E-02	0.00098	1.4E-05	0.0019	0.02005		2.27E-02	0.001303	1.17E-05	0.001181	2.52E-02		0.02627	0.001317	8.67E-06	0.001303	0.028898						

5304	493363.09	3865877.25	0.80631	0.83966	1.04576	0.80133	1.84E-02	0.00089	1.6E-05	0.00256	0.02187	2.43E-02	0.001183	1.28E-05	0.001591	2.71E-02	0.028193	0.001196	9.46E-06	0.001755	0.031152
5305	493863.09	3865877.25	1.22463	1.19126	1.51039	1.06503	2.79E-02	0.00127	2.3E-05	0.0034	0.03264	3.70E-02	0.001678	1.85E-05	0.002114	4.08E-02	0.042819	0.001697	1.37E-05	0.002332	0.046861
5306	494363.09	3865877.25	1.20638	1.47948	1.29595	1.77314	2.75E-02	0.00158	2E-05	0.00567	0.0348	3.64E-02	0.002084	1.59E-05	0.003519	4.20E-02	0.042181	0.002107	1.17E-05	0.003883	0.048182
5307	494863.09	3865877.25	0.85705	0.99992	0.84033	1.41157	1.96E-02	0.00107	1.3E-05	0.00451	0.02515	2.59E-02	0.001409	1.03E-05	0.002802	3.01E-02	0.029967	0.001424	7.6E-06	0.003091	0.034489
5308	495363.09	3865877.25	0.83025	1.25246	0.7507	1.47287	1.89E-02	0.00133	1.1E-05	0.00471	0.025	2.51E-02	0.001765	9.19E-06	0.002923	2.98E-02	0.02903	0.001784	6.79E-06	0.003225	0.034045
5309	495863.09	3865877.25	1.0161	1.40331	0.93424	2.17714	2.32E-02	0.0015	1.4E-05	0.00696	0.03166	3.07E-02	0.001977	1.14E-05	0.004321	3.70E-02	0.035528	0.001999	8.45E-06	0.004767	0.042302
5310	496363.09	3865877.25	0.86858	1.34304	0.86345	1.76316	1.98E-02	0.00143	1.3E-05	0.00564	0.0269	2.62E-02	0.001892	1.06E-05	0.0035	3.16E-02	0.03037	0.001913	7.81E-06	0.003861	0.036151
5311	496863.09	3865877.25	1.12319	1.39116	1.14414	1.75528	2.56E-02	0.00148	1.7E-05	0.00561	0.03274	3.39E-02	0.00196	1.4E-05	0.003484	3.94E-02	0.039272	0.001981	1.04E-05	0.003843	0.045107
5312	497363.09	3865877.25	0.93595	1.2273	1.06587	1.62452	2.14E-02	0.00131	1.6E-05	0.00519	0.02788	2.82E-02	0.001729	1.3E-05	0.003225	3.32E-02	0.032725	0.001748	9.64E-06	0.003557	0.03804
5313	497863.09	3865877.25	0.65269	0.90791	0.75245	1.21851	1.49E-02	0.00097	1.1E-05	0.0039	0.01977	1.97E-02	0.001279	9.21E-06	0.002419	2.34E-02	0.022821	0.001293	6.81E-06	0.002668	0.026789
5314	498363.09	3865877.25	0.57925	0.87022	0.53817	1.16502	1.32E-02	0.00093	8.1E-06	0.00372	0.01788	1.75E-02	0.001226	6.59E-06	0.002312	2.10E-02	0.020253	0.001239	4.87E-06	0.002551	0.024049
5315	471363.09	3866377.25	0.26062	0.60171	0.31804	0.40198	5.95E-03	0.00064	4.8E-06	0.00129	0.00788	7.87E-03	0.000848	3.89E-06	0.000798	9.52E-03	0.009113	0.000857	2.88E-06	0.00088	0.010853
5316	471863.09	3866377.25	0.27408	0.49823	0.32823	0.4326	6.25E-03	0.00053	4.9E-06	0.00138	0.00817	8.27E-03	0.000702	4.02E-06	0.000859	9.84E-03	0.009583	0.00071	2.97E-06	0.000947	0.011243
5317	472363.09	3866377.25	0.28338	0.49923	0.33361	0.4391	6.47E-03	0.00053	5E-06	0.0014	0.00841	8.55E-03	0.000703	4.08E-06	0.000872	1.01E-02	0.009908	0.000711	3.02E-06	0.000961	0.011584
5318	472863.09	3866377.25	0.28995	0.46029	0.33308	0.46175	6.62E-03	0.00049	5E-06	0.00148	0.00859	8.75E-03	0.000649	4.08E-06	0.000917	1.03E-02	0.010138	0.000656	3.01E-06	0.001011	0.011808
5319	473363.09	3866377.25	0.29612	0.44767	0.33769	0.47001	6.76E-03	0.00048	5.1E-06	0.0015	0.00874	8.94E-03	0.000631	4.13E-06	0.000933	1.05E-02	0.010354	0.000638	3.05E-06	0.001029	0.012024
5320	473863.09	3866377.25	0.32521	0.55497	0.36363	0.47035	7.42E-03	0.00059	5.5E-06	0.0015	0.00952	9.82E-03	0.000782	4.45E-06	0.000934	1.15E-02	0.011371	0.00079	3.29E-06	0.00103	0.013195
5321	474363.09	3866377.25	0.36796	0.69681	0.39443	0.53779	8.40E-03	0.00074	5.9E-06	0.00172	0.01086	1.11E-02	0.000982	4.83E-06	0.001067	1.32E-02	0.012866	0.000992	3.57E-06	0.001178	0.015039
5322	474863.09	3866377.25	0.4051	0.72327	0.47411	0.59569	9.24E-03	0.00077	7.1E-06	0.0019	0.01193	1.22E-02	0.001019	5.8E-06	0.001182	1.44E-02	0.014164	0.00103	4.29E-06	0.001304	0.016503
5323	475363.09	3866377.25	0.42402	0.62778	0.52682	0.63004	9.68E-03	0.00067	7.9E-06	0.00201	0.01237	1.28E-02	0.000885	6.45E-06	0.001251	1.49E-02	0.014826	0.000894	4.77E-06	0.00138	0.017104
5324	475863.09	3866377.25	0.42739	0.67069	0.53418	0.63942	9.75E-03	0.00071	8.1E-06	0.00204	0.01252	1.29E-02	0.000945	6.54E-06	0.001269	1.51E-02	0.014944	0.000955	4.83E-06	0.0014	0.017304
5325	476363.09	3866377.25	0.43016	0.65642	0.52812	0.69746	9.82E-03	0.0007	8E-06	0.00223	0.01275	1.30E-02	0.000925	6.46E-06	0.001384	1.53E-02	0.015041	0.000935	4.78E-06	0.001527	0.017507
5326	476863.09	3866377.25	0.50257	0.75165	0.59587	0.64432	1.15E-02	0.0008	9E-06	0.00206	0.01434	1.52E-02	0.001059	7.29E-06	0.001279	1.75E-02	0.017572	0.00107	5.39E-06	0.001411	0.020059
5327	477363.09	3866377.25	0.47733	0.66147	0.58096	0.66028	1.09E-02	0.0007	8.8E-06	0.00211	0.01372	1.44E-02	0.000932	7.11E-06	0.001311	1.67E-02	0.01669	0.000942	5.26E-06	0.001446	0.019083
5328	477863.09	3866377.25	0.48549	0.73855	0.62984	0.61042	1.11E-02	0.00079	9.5E-06	0.00195	0.01383	1.47E-02	0.001041	7.71E-06	0.001212	1.69E-02	0.016975	0.001052	5.7E-06	0.001337	0.019369
5329	478363.09	3866377.25	0.4786	0.8387	0.63991	0.6749	1.09E-02	0.00089	9.6E-06	0.00216	0.01398	1.44E-02	0.001182	7.83E-06	0.00134	1.70E-02	0.016734	0.001194	5.79E-06	0.001478	0.019412
5330	478863.09	3866377.25	0.45718	0.90899	0.58534	0.71612	1.04E-02	0.00097	8.8E-06	0.00229	0.0137	1.38E-02	0.001281	7.16E-06	0.001421	1.65E-02	0.015985	0.001295	5.3E-06	0.001568	0.018853
5331	479363.09	3866377.25	0.43042	0.85631	0.48403	0.72394	9.82E-03	0.00091	7.3E-06	0.00231	0.01306	1.30E-02	0.001206	5.92E-06	0.001437	1.56E-02	0.01505	0.00122	4.38E-06	0.001585	0.017859
5332	479863.09	3866377.25	0.46291	0.86158	0.5472	0.71413	1.06E-02	0.00092	8.2E-06	0.00228	0.01377	1.40E-02	0.001214	6.7E-06	0.001417	1.66E-02	0.016186	0.001227	4.95E-06	0.001564	0.018981
5333	480363.09	3866377.25	0.4758	0.72674	0.60926	0.73532	1.09E-02	0.00077	9.2E-06	0.00235	0.01399	1.44E-02	0.001024	7.46E-06	0.00146	1.69E-02	0.016636	0.001035	5.51E-06	0.00161	0.019287
5334	480863.09	3866377.25	0.50374	0.85464	0.6578	0.85614	1.15E-02	0.00091	9.9E-06	0.00274	0.01515	1.52E-02	0.001204	8.05E-06	0.001699	1.81E-02	0.017613	0.001217	5.95E-06	0.001875	0.020711
5335	481363.09	3866377.25	0.53148	0.76933	0.65387	0.92109	1.21E-02	0.00082	9.9E-06	0.00294	0.0159	1.60E-02	0.001084	8E-06	0.001828	1.90E-02	0.018583	0.001096	5.92E-06	0.002017	0.021702
5336	481863.09	3866377.25	0.53228	0.78522	0.64679	0.96894	1.21E-02	0.00084	9.7E-06	0.0031	0.01609	1.61E-02	0.001106	7.92E-06	0.001923	1.91E-02	0.018611	0.001118	5.85E-06	0.002122	0.021857
5337	482363.09	3866377.25	0.51705	0.97629	0.62712	1.00135	1.18E-02	0.00104	9.5E-06	0.0032	0.01605	1.56E-02	0.001376	7.68E-06	0.001988	1.90E-02	0.018079	0.00139	5.67E-06	0.002193	0.021667
5338	482863.09	3866377.25	0.5004	1.11391	0.60212	0.93169	1.14E-02	0.00119	9.1E-06	0.00298	0.01559	1.51E-02	0.001569	7.37E-06	0.001849	1.85E-02	0.017496	0.001586	5.45E-06	0.00204	0.021128
5339	483363.09	3866377.25	0.59939	0.8693	0.7411	0.85931	1.37E-02	0.00093	1.1E-05	0.00275	0.01736	1.81E-02	0.001225	9.07E-06	0.001706	2.10E-02	0.020958	0.001238	6.7E-06	0.001882	0.024084
5340	483863.09	3866377.25	0.62779	0.92366	0.82405	1.04572	1.43E-02	0.00098	1.2E-05	0.00334	0.01867	1.89E-02	0.001301	1.01E-05	0.002076	2.23E-02	0.021951	0.001315	7.45E-06	0.00229	0.025563
5341	484363.09	3866377.25	0.61714	0.97693	0.79576	1.12149	1.41E-02	0.00104	1.2E-05	0.00359	0.01872	1.86E-02	0.001376	9.74E-06	0.002226	2.22E-02	0.021578	0.001391	7.2E-06	0.002456	0.025432
5342	484863.09	3866377.25	0.59824	0.83536	0.74418	1.07258	1.37E-02	0.00089	1.1E-05	0.00343	0.01798	1.81E-02	0.001177	9.11E-06	0.002129	2.14E-02	0.020917	0.00119	6.73E-06	0.002349	0.024462
5343	485363.09	3866377.25	0.56692	0.91177	0.66465	0.9838	1.29E-02	0.00097	1E-05	0.00315	0.01706	1.71E-02	0.001285	8.13E-06	0.001953	2.04E-02	0.019822	0.001298	6.01E-06	0.002154	0.023281
5344	485863.09	3866377.25	0.49596	1.32863	0.47286	0.89029	1.13E-02	0.00142	7.1E-06	0.00285	0.01559	1.50E-02	0.001872	5.79E-06	0.001767	1.86E-02	0.017341	0.001892	4.28E-06	0.001949	0.021187
5345	486363.09	3866377.25	0.4097	1.2546	0.49049	0.81492	9.35E-03	0.00134	7.4E-06	0.00261	0.0133	1.24E-02	0.001768	6E-06	0.001618	1.58E-02	0.014325	0.001787	4.44E-06	0.001784	0.017901
5346	486863.09	3866377.25	0.48464	0.6133	0.5952	0.74158	1.11E-02	0.00065	9E-06	0.00237	0.01409	1.46E-02	0.000864	7.28E-06	0.001472	1.70E-02	0.016945	0.000873	5.38E-06	0.001624	0.019448
5347	487363.09	3866377.25	0.56169	0.82593	0.71507	0.91075	1.28E-02	0.00088	1.1E-05	0.00291	0.01662	1.70E-02	0.001164	8.75E-06	0.001808	1.99E-02	0.019639	0.001176	6.47E-06	0.001994	0.022816
5348	487863.09	3866377.25	0.6185	0.75398	0.73347	1.01159	1.41E-02	0.0008	1.1E-05	0.00323	0.01816	1.87E-02	0.001062	8.98E-06	0.002008	2.17E-02	0.021626	0.001074	6.64E-06	0.002215	0.024921
5349	488363.09	3866377.25	0.63587	1.17508	0.6169	1.04325	1.45E-02	0.00125	9.3E-06	0.00334	0.01911	1.92E-02	0.001656	7.55E-06	0.002071	2.29E-02	0.022233	0.001673	5.58E-06	0.002284	0.026197
5350	488863.09	3866377.25	0.62692	1.43079	0.72721	1.05491	1.43E-02	0.00152	1.1E-05	0.00337	0.01921	1.89E-02	0.002016	8.9E-06	0.002094	2.30E-02	0.02192	0.002038	6.58E-06	0.00231	0.026274
5351	489363.09	3866377.25	0.64062	0.99577	0.68333	0.90832	1.46E-02	0.00106	1E-05	0.0029	0.01859	1.93E-02	0.001403	8.36E-06	0.001803	2.25E-02	0.022399	0.001418	6.18E-06	0.001989	0.025812
5352	489863.09	3866377.25	0.63268	0.98376	0.64038	0.86752	1.44E-02	0.00105	9.7E-06	0.00277	0.01827	1.91E-02	0.001386	7.84E-06	0.001722	2.22E-02	0.022122	0.001401	5.79E-06	0.0019	0.025428
5353	490363.09	3866377.25	0.59153	0.9744	0.72954	0.98286	1.35E-02	0.00104	1.1E-05	0.00314	0.01769	1.79E-02	0.001373	8.93E-06	0.001951	2.12E-02	0.020683	0.001388	6.6E-06	0.002152	0.024229
5354	490863.09	3866377.25	0.56416	0.80728	0.62779	1.06267	1.29E-02	0.00086	9.5E-06	0.0034	0.01714	1.70E-02	0.001137	7.68E-06	0.002109	2.03E-02	0.019726	0.00115	5.68E-06	0.002327	0.023208
5355	491363.09	3866377.25	0.6513	0.74867	0.76116	0.88185	1.49E-02	0.0008	1.1E-05	0.00282	0.01849	1.97E-02	0.001055	9.32E-06	0.00175	2.25E-02	0.022773	0.001066	6.89E-06	0.001931	0.025777
5356	491863.09	3866377.25	0.88984	1.03427	1.01504	1.08191	2.03E-02	0.0011	1.5E-05	0.00346	0.02488	2.69E-02	0.001457	1.24E-05	0.002147	3.05E-02	0.031113	0.001473	9.18E-06	0.002369	0.034964
5357	492363.09	3866377.25	0.92493	1.21044	1.20031	1.57043	2.11E-02	0.00129	1.8E-05	0.00502	0.02744	2.79E-02	0.001705	1.47E-05	0.003117	3.28E-02	0.03234	0.001724	1.09E-05	0.003439	0.037514
5358	492863.09	3866377.25	0.8112	1.43914	0.86801	1.20358	1.85E-02	0.00153	1.3E-05	0.00385	0.02391	2.45E-02	0.002028	1.06E-05	0.002389	2.89E-02	0.028364	0.00205	7.85E-06	0.002635	0.033056
5359	493363.09	3866377.25	0.79551	0.7725	0.97521	0.83642	1.82E-02	0.00082	1.5E-05	0.00267	0.02167	2.40E-02	0.001088	1.19E-05	0.00166	2.68E-02	0.027815	0.0011	8.82E-06	0.001831	0.030755
5360	493863.09	3866377.25	0.77045	0.89217	0.91421	1.12414	1.76E-02	0.00095	1.4E-05	0.00359	0.02214	2.33E-02	0.001257	1.12E-05	0.002231	2.68E-02	0.026939	0.001271	8.27E-06	0.002461	0.030679
5361	494363.09	3866377.25	0.93348	1.15235	1.02713	1.56664	2.13E-02	0.00123	1.5E-05	0.00501	0.02755	2.82E-02	0.001624	1.26E-05	0.00311	3.29E-02	0.032639	0.001641	9.29E-06	0.00343	0.03772
5362	494863.09	3866377.25	0.97115	1.27618	0.9725	1.73199	2.22E-02	0.00136	1.5E-05	0.00554	0.02907	2.93E-02	0.001798	1.19E-05	0.003438	3.46E-02	0.033956	0.001817	8.8E-06	0.003792	0.039575
5363	495363.09	3866377.25	0.90646	1.07512	0.90067	1.33561	2.07E-02	0.00115	1.4E-05	0.00427	0.02612	2.74E-02	0.001515	1.1E-05	0.002651	3.15E-02	0.031694	0.001531	8.15E-06	0.002925	0.036158
5364	495863.09	3866377.25	1.07904	1.37392	1.04316	1.34772	2.46E-02	0.00146	1.6E-05	0.00431	0.03041	3.26E-02	0.001936	1.28E-05	0.002675	3.72E-02	0.037729	0.001957	9.44E-06	0.002951	0.042646

5365	496363.09	3866377.25	1.33242	1.73033	1.36737	1.88457	3.04E-02	0.00184	2.1E-05	0.00603	0.0383	4.02E-02	0.002438	1.67E-05	0.003741	4.64E-02	0.046588	0.002464	1.24E-05	0.004127	0.053191
5366	496863.09	3866377.25	1.09053	1.44939	1.19041	1.51961	2.49E-02	0.00154	1.8E-05	0.00486	0.03131	3.29E-02	0.002042	1.46E-05	0.003016	3.80E-02	0.03813	0.002064	1.08E-05	0.003327	0.043533
5367	497363.09	3866377.25	1.14942	1.3837	1.18594	1.51239	2.62E-02	0.00147	1.8E-05	0.00484	0.03256	3.47E-02	0.00195	1.45E-05	0.003002	3.97E-02	0.040189	0.001971	1.07E-05	0.003312	0.045482
5368	497863.09	3866377.25	1.03724	1.34877	1.19745	1.62285	2.37E-02	0.00144	1.8E-05	0.00519	0.03031	3.13E-02	0.0019	1.47E-05	0.003221	3.64E-02	0.036267	0.001921	1.08E-05	0.003553	0.041752
5369	498363.09	3866377.25	0.79835	1.06582	0.91268	1.10824	1.82E-02	0.00114	1.4E-05	0.00354	0.02291	2.41E-02	0.001502	1.12E-05	0.0022	2.78E-02	0.027914	0.001518	8.26E-06	0.002427	0.031867
5370	474494.92	3848334.16	1.10093	1.36737	1.29829	1.11682	2.51E-02	0.00146	2E-05	0.00357	0.03017	3.32E-02	0.001927	1.59E-05	0.002217	3.74E-02	0.038494	0.001947	1.17E-05	0.002445	0.042898
5371	475167.27	3848920.79	1.10479	1.34742	1.22923	1.12455	2.52E-02	0.00144	1.9E-05	0.0036	0.03026	3.33E-02	0.001898	1.5E-05	0.002232	3.75E-02	0.038629	0.001919	1.11E-05	0.002462	0.043021
5372	475297.89	3848997.96	1.13281	1.38384	1.27002	1.15616	2.59E-02	0.00147	1.9E-05	0.0037	0.03104	3.42E-02	0.00195	1.55E-05	0.002295	3.84E-02	0.039609	0.001971	1.15E-05	0.002532	0.044123
5373	475439.05	3849062	1.17439	1.443	1.35714	1.12063	2.68E-02	0.00154	2E-05	0.00358	0.03194	3.54E-02	0.002033	1.66E-05	0.002224	3.97E-02	0.041062	0.002055	1.23E-05	0.002454	0.045584
5374	475486.86	3849061.09	1.20228	1.48443	1.41709	1.11991	2.74E-02	0.00158	2.1E-05	0.00358	0.03262	3.63E-02	0.002091	1.73E-05	0.002223	4.06E-02	0.042038	0.002114	1.28E-05	0.002452	0.046617
5375	475538.46	3849075.56	1.22345	1.51416	1.45195	1.14716	2.79E-02	0.00161	2.2E-05	0.00367	0.03322	3.69E-02	0.002133	1.78E-05	0.002277	4.14E-02	0.042778	0.002156	1.31E-05	0.002512	0.047459
5376	475751.79	3849137.15	1.2679	1.58575	1.51411	1.28433	2.89E-02	0.00169	2.3E-05	0.00411	0.03475	3.83E-02	0.002234	1.85E-05	0.002549	4.31E-02	0.044332	0.002258	1.37E-05	0.002812	0.049416
5377	476303.62	3849223.38	1.17517	1.43269	1.33806	1.33087	2.68E-02	0.00153	2E-05	0.00425	0.03262	3.55E-02	0.002019	1.64E-05	0.002642	4.01E-02	0.04109	0.00204	1.21E-05	0.002914	0.046056
5378	476304.51	3849238.92	1.15972	1.43739	1.34045	1.34902	2.65E-02	0.00153	2E-05	0.00431	0.03233	3.50E-02	0.002025	1.64E-05	0.002678	3.97E-02	0.04055	0.002047	1.21E-05	0.002954	0.045563
5379	476365.04	3849247.98	1.19674	1.44056	1.32516	1.32535	2.73E-02	0.00153	2E-05	0.00424	0.0331	3.61E-02	0.00203	1.62E-05	0.002631	4.08E-02	0.041844	0.002052	1.2E-05	0.002902	0.04681
5380	476444.86	3849267.13	1.23927	1.50968	1.35158	1.34668	2.83E-02	0.00161	2E-05	0.00431	0.03422	3.74E-02	0.002127	1.65E-05	0.002673	4.22E-02	0.043331	0.00215	1.22E-05	0.002949	0.048442
5381	476550.75	3849300.66	1.25818	1.55271	1.40118	1.45711	2.87E-02	0.00165	2.1E-05	0.00466	0.03505	3.80E-02	0.002188	1.71E-05	0.002892	4.31E-02	0.043992	0.002211	1.27E-05	0.003191	0.049407
5382	476656.71	3849346.88	1.26845	1.5782	1.42867	1.51562	2.89E-02	0.00168	2.2E-05	0.00485	0.0355	3.83E-02	0.002224	1.75E-05	0.003008	4.35E-02	0.044351	0.002248	1.29E-05	0.003319	0.04993
5383	476873.55	3849454.53	1.26466	1.58565	1.42925	1.60065	2.89E-02	0.00169	2.2E-05	0.00512	0.03569	3.82E-02	0.002234	1.75E-05	0.003177	4.36E-02	0.044219	0.002258	1.29E-05	0.003505	0.049995
5384	477700	3849859.7	1.30974	1.55365	1.39157	1.74405	2.99E-02	0.00166	2.1E-05	0.00558	0.03714	3.95E-02	0.002189	1.7E-05	0.003462	4.52E-02	0.045795	0.002213	1.26E-05	0.003819	0.051839
5385	477743.16	3849856.38	1.30855	1.54823	1.43373	1.7237	2.99E-02	0.00165	2.2E-05	0.00551	0.03704	3.95E-02	0.002181	1.75E-05	0.003421	4.51E-02	0.045753	0.002205	1.3E-05	0.003774	0.051746
5386	478477.35	3850216.33	1.68127	2.1887	1.65554	1.95749	3.84E-02	0.00233	2.5E-05	0.00626	0.04698	5.07E-02	0.003084	2.03E-05	0.003885	5.77E-02	0.058786	0.003117	1.5E-05	0.004286	0.066204
5387	478485.8	3850201.6	1.69211	2.21744	1.69182	2.03851	3.86E-02	0.00236	2.5E-05	0.00652	0.04752	5.11E-02	0.003124	2.07E-05	0.004046	5.83E-02	0.059165	0.003158	1.53E-05	0.004464	0.066801
5388	479113.21	3850501.53	1.52751	2.05565	1.63748	2.69751	3.49E-02	0.00219	2.5E-05	0.00862	0.0457	4.61E-02	0.002896	2E-05	0.005354	5.44E-02	0.053409	0.002928	1.48E-05	0.005907	0.062258
5389	479108.11	3850382.28	1.45964	2.02523	1.54081	2.70596	3.33E-02	0.00216	2.3E-05	0.00865	0.04414	4.41E-02	0.002853	1.89E-05	0.005371	5.23E-02	0.051036	0.002884	1.39E-05	0.005925	0.05986
5390	479689.85	3850674.28	1.9341	2.37864	1.99741	2.53804	4.41E-02	0.00253	3E-05	0.00811	0.05482	5.84E-02	0.003351	2.44E-05	0.005038	6.68E-02	0.067626	0.003388	1.81E-05	0.005557	0.076589
5391	479952.42	3850774.28	1.97756	2.49915	2.22779	2.83945	4.51E-02	0.00266	3.4E-05	0.00908	0.0569	5.97E-02	0.003521	2.73E-05	0.005636	6.89E-02	0.069145	0.003559	2.02E-05	0.006217	0.078942
5392	479911.32	3850884.85	1.94884	2.41069	1.98456	2.76257	4.45E-02	0.00257	3E-05	0.00883	0.0559	5.88E-02	0.003397	2.43E-05	0.005483	6.77E-02	0.068141	0.003433	1.8E-05	0.006049	0.077641
5393	480500.92	3851178.12	2.45781	3.15832	2.26578	3.43656	5.61E-02	0.00336	3.4E-05	0.01099	0.07047	7.42E-02	0.00445	2.77E-05	0.006821	8.55E-02	0.085937	0.004498	2.05E-05	0.007525	0.097981
5394	480738.01	3851289.27	2.8237	3.74748	2.61343	3.34156	6.44E-02	0.00399	3.9E-05	0.01068	0.07915	8.52E-02	0.00528	3.2E-05	0.006633	9.72E-02	0.098731	0.005337	2.36E-05	0.007317	0.111408
5395	481055.42	3851443.58	3.21789	4.27227	3.4447	3.6552	7.34E-02	0.00455	5.2E-05	0.01169	0.08972	9.71E-02	0.006019	4.22E-05	0.007255	1.10E-01	0.112513	0.006084	3.12E-05	0.008004	0.126633
5396	481110.22	3851443.15	3.28021	4.2801	3.63858	3.94274	7.49E-02	0.00456	5.5E-05	0.01261	0.09208	9.90E-02	0.00603	4.45E-05	0.007826	1.13E-01	0.114692	0.006095	3.29E-05	0.008633	0.129454
5397	481111.1	3851417.45	3.28412	4.23676	3.68912	4.02718	7.49E-02	0.00451	5.6E-05	0.01287	0.09239	9.91E-02	0.005969	4.52E-05	0.007994	1.13E-01	0.114829	0.006034	3.34E-05	0.008818	0.129714
5398	482248.44	3852605.09	4.52269	5.87498	5.49363	5.63166	1.03E-01	0.00626	8.3E-05	0.018	0.12756	1.36E-01	0.008277	6.72E-05	0.011178	1.56E-01	0.158136	0.008367	4.97E-05	0.012331	0.178884
5399	482273.34	3852632.31	4.56478	5.93463	5.55027	5.67105	1.04E-01	0.00632	8.4E-05	0.01813	0.12871	1.38E-01	0.008362	6.79E-05	0.011256	1.57E-01	0.159607	0.008452	5.02E-05	0.012418	0.180527
5400	482665.46	3853038.72	5.49678	6.69438	6.59879	6.53484	1.25E-01	0.00713	9.9E-05	0.02089	0.15356	1.66E-01	0.009432	8.08E-05	0.012971	1.88E-01	0.192195	0.009534	5.97E-05	0.014309	0.216097
5401	483077.95	3853844.31	7.10659	10.34461	6.11444	7.00495	1.62E-01	0.01102	9.2E-05	0.0224	0.19569	2.14E-01	0.014575	7.48E-05	0.013904	2.43E-01	0.248482	0.014732	5.53E-05	0.015339	0.278608
5402	483121.38	3853909.38	6.97719	10.41431	6.54403	6.98439	1.59E-01	0.01109	9.9E-05	0.02233	0.19275	2.11E-01	0.014673	8.01E-05	0.013863	2.39E-01	0.243957	0.014832	5.92E-05	0.015293	0.274141
5403	483492.64	3853911.49	9.30218	11.89082	11.03568	7.30428	2.12E-01	0.01267	0.00017	0.02335	0.24847	2.81E-01	0.016753	0.000135	0.014498	3.12E-01	0.32525	0.016934	9.98E-05	0.015994	0.358278
5404	483498.29	3854204.73	8.73505	18.41436	8.73841	7.37367	1.99E-01	0.01962	0.00013	0.02357	0.24266	2.64E-01	0.025945	0.000107	0.014636	3.04E-01	0.305421	0.026225	7.91E-05	0.016146	0.34787
5405	484132.44	3854662.55	14.8143	14.6328	15.98502	3.51836	3.38E-01	0.01559	0.00024	0.01125	0.36515	4.47E-01	0.020617	0.000196	0.006984	4.75E-01	0.517981	0.020839	0.000145	0.007704	0.546669
5406	484627.62	3854876.13	27.03099	40.04913	22.49201	4.81571	6.17E-01	0.04267	0.00034	0.0154	0.67527	8.16E-01	0.056427	0.000275	0.009559	8.82E-01	0.945137	0.057036	0.000203	0.010545	1.012921
5407	484756.14	3854949.04	23.1218	64.59593	25.38983	5.49172	5.28E-01	0.06882	0.00038	0.01756	0.61441	6.98E-01	0.091012	0.000311	0.0109	8.00E-01	0.808452	0.091994	0.00023	0.012025	0.912701
5408	486697.51	3856599.17	21.82797	20.6158	33.02029	7.67905	4.98E-01	0.02196	0.0005	0.02455	0.54514	6.59E-01	0.029046	0.000404	0.015242	7.03E-01	0.763214	0.02936	0.000299	0.016815	0.809687
5409	487105.31	3856962.27	21.15919	53.59598	32.17318	11.66586	4.83E-01	0.0571	0.00048	0.0373	0.57775	6.39E-01	0.075513	0.000394	0.023156	7.38E-01	0.73983	0.076329	0.000291	0.025544	0.841994
5410	487157.57	3856901.7	18.47248	41.69493	26.55814	10.52328	4.22E-01	0.04442	0.0004	0.03364	0.50002	5.58E-01	0.058746	0.000325	0.020888	6.37E-01	0.645889	0.05938	0.00024	0.023042	0.728552
5411	487173.5	3856853.74	16.93371	35.21611	24.30145	9.66605	3.86E-01	0.03752	0.00037	0.0309	0.45523	5.11E-01	0.049617	0.000297	0.019186	5.80E-01	0.592086	0.050153	0.00022	0.021165	0.663624
5412	487564.41	3856860.83	11.04038	24.21309	17.10688	7.33981	2.52E-01	0.0258	0.00026	0.02347	0.30147	3.33E-01	0.034115	0.000209	0.014569	3.82E-01	0.386026	0.034483	0.000155	0.016072	0.436736
5413	487563.31	3856931.58	11.02647	28.73304	17.28221	8.03785	2.52E-01	0.03061	0.00026	0.0257	0.3082	3.33E-01	0.040483	0.000212	0.015954	3.89E-01	0.38554	0.04092	0.000156	0.0176	0.444217
5414	487782.7	3856926.85	9.33016	21.68147	13.38702	7.53613	2.13E-01	0.0231	0.0002	0.02409	0.26031	2.82E-01	0.030548	0.000164	0.014958	3.27E-01	0.326229	0.030878	0.000121	0.016502	0.373729
5415	487782.39	3856757.07	9.32573	19.51437	13.90941	6.54554	2.13E-01	0.02079	0.00021	0.02093	0.25475	2.81E-01	0.027495	0.00017	0.012992	3.22E-01	0.326074	0.027791	0.000126	0.014333	0.368323
5416	487917.26	3856752.41	8.46336	17.10072	12.59542	6.89031	1.93E-01	0.01822	0.00019	0.02203	0.23358	2.55E-01	0.024094	0.000154	0.013677	2.93E-01	0.295921	0.024354	0.000114	0.015087	0.335476
5417	487919.57	3856953.35	8.53012	21.44053	11.926	8.00654	1.95E-01	0.02284	0.00018	0.0256	0.24328	2.57E-01	0.030208	0.000146	0.015892	3.04E-01	0.298255	0.030534	0.000108	0.017532	0.346429
5418	487932.76	3857000.32	8.42345	23.38416	11.95726	8.10531	1.92E-01	0.02491	0.00018	0.02591	0.24324	2.54E-01	0.032947	0.000146	0.016088	3.03E-01	0.294525	0.033302	0.000108	0.017748	0.345684
5419	487960.5	3857044.75	8.17814	28.86221	11.74979	8.29219	1.87E-01	0.03075	0.00018	0.02651	0.24407	2.47E-01	0.040665	0.000144	0.016459	3.04E-01	0.285948	0.041104	0.000106	0.018157	0.345316
5420	488016.54	3857089.54	7.82218	34.42434	11.27063	8.51017	1.79E-01	0.03667	0.00017	0.02721	0.24256	2.36E-01	0.048502	0.000138	0.016892	3.02E-01	0.273502	0.049025	0.000102	0.018634	0.341264
5421	488114.39	3857165.47	7.32067	39.27929	10.25211	9.06655	1.67E-01	0.04185	0.00015	0.02899	0.23805	2.21E-01	0.055342	0.000125	0.017996	2.94E-01	0.255967	0.055939	9.27E-05	0.019853	0.331852
5422	488171.49	3857234.24	7.07899	39.40468	9.45582	9.71373	1.62E-01	0.04198	0.00014	0.03106	0.23473	2.14E-01	0.055519	0.000116	0.019281	2.89E-01	0.247516	0.056118	8.55E-05	0.02127	0.32499
5423	488193.16	3857297.8	6.93828	37.97041	8.95796	10.47251	1.58E-01	0.04045	0.00014	0.03348	0.2324	2.09E-01	0.053498	0.00011	0.020787	2.84E-01	0.242597	0.054075	8.1E-05	0.022931	0.319684
5424	488189.27	3857649.94	7.57621	19.37875	11.16433	15.17042	1.73E-01	0.02065	0.00017	0.0485	0.24221	2.29E-01	0.027303	0.000137	0.030112	2.86E-01	0.264902	0.027598	0.000101	0.033218	0.325819
5425	488127.43	3857732.32	8.34303	21.16233	11.53528	16.3717	1.90E-01	0.02255	0.00017	0.05234	0.26545	2.52E-01	0.029816	0.000141	0.032496	3.14E-01	0.291714	0.030138	0.000104	0.035849	0.357805

5426	488149.93	3857752.94	8.30536	21.16345	11.31172	16.37832	1.90E-01	0.02255	0.00017	0.05236	0.26461	2.51E-01	0.029818	0.000138	0.032509	3.13E-01	0.290396	0.03014	0.000102	0.035863	0.356502
5427	488144.76	3857758.71	8.36447	21.6111	11.32694	16.40717	1.91E-01	0.02302	0.00017	0.05245	0.26653	2.52E-01	0.030449	0.000139	0.032567	3.16E-01	0.292463	0.030777	0.000102	0.035926	0.359269
5428	488335.58	3857932.55	6.70851	17.77929	7.79701	18.93658	1.53E-01	0.01894	0.00012	0.06054	0.23269	2.02E-01	0.02505	9.54E-05	0.037587	2.65E-01	0.234563	0.02532	7.05E-05	0.041465	0.301418
5429	488372.29	3857943.79	6.4821	17.24511	7.76276	18.09372	1.48E-01	0.01837	0.00012	0.05785	0.22426	1.96E-01	0.024297	9.5E-05	0.035914	2.56E-01	0.226646	0.02456	7.02E-05	0.039619	0.290895
5430	488828.64	3857936.4	5.2107	9.8161	7.76698	11.75569	1.19E-01	0.01046	0.00012	0.03758	0.16707	1.57E-01	0.01383	9.51E-05	0.023334	1.95E-01	0.182192	0.01398	7.03E-05	0.025741	0.221983
5431	488829.08	3857959.58	5.2172	9.99786	7.75436	11.80148	1.19E-01	0.01065	0.00012	0.03773	0.16756	1.57E-01	0.014086	9.49E-05	0.023425	1.95E-01	0.182419	0.014238	7.02E-05	0.025841	0.222569
5432	488351.61	3857964.55	6.7733	16.92672	7.00639	18.99761	1.55E-01	0.01803	0.00011	0.06074	0.23345	2.04E-01	0.023849	8.58E-05	0.037708	2.66E-01	0.236828	0.024106	6.34E-05	0.041598	0.302596
5433	488316.87	3857947.65	6.96183	17.52299	7.30691	19.20499	1.59E-01	0.01867	0.00011	0.0614	0.23905	2.10E-01	0.024689	8.94E-05	0.03812	2.73E-01	0.24342	0.024955	6.61E-05	0.042053	0.310494
5434	488129.1	3857775.77	8.50796	22.65467	11.30308	16.62261	1.94E-01	0.02413	0.00017	0.05314	0.27161	2.57E-01	0.031919	0.000138	0.032994	3.22E-01	0.29748	0.032264	0.000102	0.036398	0.366244
5435	488062.53	3857846.13	8.91181	21.86757	10.88713	21.29083	2.03E-01	0.0233	0.00016	0.06807	0.2949	2.69E-01	0.03081	0.000133	0.04226	3.42E-01	0.311601	0.031143	9.85E-05	0.04662	0.389462
5436	488330.41	3858091.34	7.50823	13.26233	8.08514	20.11205	1.71E-01	0.01413	0.00012	0.0643	0.24989	2.27E-01	0.018686	9.9E-05	0.03992	2.85E-01	0.262525	0.018887	7.31E-05	0.044039	0.325524
5437	488470.87	3858174.45	6.56135	11.09481	7.24176	17.10868	1.50E-01	0.01182	0.00011	0.0547	0.21636	1.98E-01	0.015632	8.86E-05	0.033959	2.48E-01	0.229417	0.015801	6.55E-05	0.037462	0.282746
5438	488568.9	3858262.31	6.17943	9.72663	6.62224	15.37872	1.41E-01	0.01036	1E-04	0.04917	0.20065	1.87E-01	0.013704	8.11E-05	0.030525	2.31E-01	0.216063	0.013852	5.99E-05	0.033674	0.26365
5439	488964.27	3858025.71	5.0178	9.50198	7.29618	9.95952	1.15E-01	0.01012	0.00011	0.03184	0.15658	1.51E-01	0.013388	8.93E-05	0.019769	1.85E-01	0.175447	0.013532	6.6E-05	0.021808	0.210853
5440	489147.25	3857956.64	4.69592	8.78531	6.65186	8.80109	1.07E-01	0.00936	0.0001	0.02814	0.14476	1.42E-01	0.012378	8.14E-05	0.017469	1.72E-01	0.164193	0.012512	6.02E-05	0.019271	0.196036
5441	489343.52	3857932.45	4.29626	9.25412	5.76142	7.77851	9.80E-02	0.00986	8.7E-05	0.02487	0.13286	1.30E-01	0.013038	7.05E-05	0.01544	1.58E-01	0.150218	0.013179	5.21E-05	0.017032	0.180482
5442	489866.19	3857923.19	3.53714	9.34958	4.10846	6.05994	8.07E-02	0.00996	6.2E-05	0.01937	0.11012	1.07E-01	0.013173	5.03E-05	0.012028	1.32E-01	0.123676	0.013315	3.72E-05	0.013269	0.150297
5443	489955.65	3857902.27	3.38598	8.98454	3.86535	5.80335	7.73E-02	0.00957	5.8E-05	0.01855	0.10545	1.02E-01	0.012659	4.73E-05	0.011519	1.26E-01	0.118391	0.012795	3.5E-05	0.012707	0.143928
5444	490079.44	3857847.9	3.40288	7.78838	3.80582	5.68355	7.77E-02	0.0083	5.7E-05	0.01817	0.10418	1.03E-01	0.010973	4.66E-05	0.011281	1.25E-01	0.118982	0.011092	3.44E-05	0.012445	0.142553
5445	490108.49	3857934.13	3.20633	8.40974	3.69379	5.57509	7.32E-02	0.00896	5.6E-05	0.01782	0.10001	9.68E-02	0.011849	4.52E-05	0.011066	1.20E-01	0.112109	0.011977	3.34E-05	0.012208	0.136327
5446	489884.48	3858014.17	3.57197	8.43539	4.36934	5.85323	8.15E-02	0.00899	6.6E-05	0.01871	0.10928	1.08E-01	0.011885	5.35E-05	0.011618	1.31E-01	0.124894	0.012013	3.95E-05	0.012817	0.149763
5447	489326.56	3858025.86	4.45265	7.82804	6.2264	7.75268	1.02E-01	0.00834	9.4E-05	0.02479	0.13483	1.34E-01	0.011029	7.62E-05	0.015388	1.61E-01	0.155687	0.011148	5.63E-05	0.016976	0.183867
5448	489130.38	3858056.71	4.81032	8.24289	6.92388	8.55677	1.10E-01	0.00878	0.0001	0.02736	0.14602	1.45E-01	0.011614	8.47E-05	0.016984	1.74E-01	0.168193	0.011739	6.26E-05	0.018736	0.198731
5449	488936.49	3858143.93	5.11778	11.21272	6.61041	10.29584	1.17E-01	0.01195	1E-04	0.03292	0.16175	1.54E-01	0.015798	8.09E-05	0.020436	1.91E-01	0.178943	0.015969	5.98E-05	0.022544	0.217516
5450	488638.08	3858327.45	6.10607	9.17585	6.30933	14.26474	1.39E-01	0.00978	9.5E-05	0.0456	0.19482	1.84E-01	0.012928	7.72E-05	0.028314	2.26E-01	0.213498	0.013068	5.71E-05	0.031235	0.257858
5451	488663.79	3858349.57	6.0798	8.99268	6.21255	13.83453	1.39E-01	0.00958	9.4E-05	0.04423	0.19265	1.83E-01	0.01267	7.6E-05	0.02746	2.24E-01	0.21258	0.012807	5.62E-05	0.030293	0.255736
5452	488694.56	3858349.5	5.88293	8.6115	6.155	13.05485	1.34E-01	0.00917	9.3E-05	0.04174	0.18526	1.78E-01	0.012133	7.53E-05	0.025913	2.16E-01	0.205696	0.012264	5.57E-05	0.028586	0.246602
5453	488694.35	3858336.75	5.8095	8.62343	6.16194	12.92412	1.33E-01	0.00919	9.3E-05	0.04132	0.18318	1.75E-01	0.01215	7.54E-05	0.025653	2.13E-01	0.203129	0.012281	5.57E-05	0.0283	0.243765
5454	488712.81	3858336.38	5.69694	8.50121	6.08869	12.89342	1.30E-01	0.00906	9.2E-05	0.04122	0.18038	1.72E-01	0.011978	7.45E-05	0.025592	2.10E-01	0.199193	0.012107	5.51E-05	0.028232	0.239588
5455	488713.23	3858367.46	5.87363	8.49268	6.08411	12.80385	1.34E-01	0.00905	9.2E-05	0.04093	0.18411	1.77E-01	0.011966	7.45E-05	0.025414	2.15E-01	0.205371	0.012095	5.5E-05	0.028036	0.245557
5456	488704.63	3858384.05	6.03066	8.72148	6.0544	13.18427	1.38E-01	0.00929	9.1E-05	0.04215	0.18916	1.82E-01	0.012288	7.41E-05	0.026169	2.21E-01	0.210862	0.012421	5.48E-05	0.028869	0.252206
5457	488604.15	3858488.29	7.6796	10.77792	6.09043	17.01296	1.75E-01	0.01148	9.2E-05	0.05439	0.24122	2.32E-01	0.015185	7.45E-05	0.033769	2.81E-01	0.268517	0.015349	5.51E-05	0.037253	0.321174
5458	488605.66	3858550.47	8.68968	10.91845	5.96914	17.07357	1.98E-01	0.01163	9E-05	0.05458	0.26461	2.62E-01	0.015383	7.31E-05	0.033889	3.12E-01	0.303834	0.015549	5.4E-05	0.037385	0.356823
5459	488692.68	3858548.71	7.31875	9.94191	5.7251	15.10878	1.67E-01	0.01059	8.6E-05	0.0483	0.226	2.21E-01	0.014008	7.01E-05	0.029989	2.65E-01	0.2559	0.014159	5.18E-05	0.033083	0.303193
5460	488759.93	3858461.81	6.16902	8.74317	5.7135	12.69245	1.41E-01	0.00931	8.6E-05	0.04058	0.19076	1.86E-01	0.012319	6.99E-05	0.025193	2.24E-01	0.215699	0.012452	5.17E-05	0.027792	0.255995
5461	488816.57	3858541.79	6.2972	8.55705	5.31194	12.26141	1.44E-01	0.00912	8E-05	0.0392	0.1921	1.90E-01	0.012056	6.5E-05	0.024338	2.27E-01	0.220181	0.012186	4.81E-05	0.026848	0.259264
5462	488944.63	3858656.77	6.17359	7.94996	4.87768	10.87472	1.41E-01	0.00847	7.4E-05	0.03477	0.1842	1.86E-01	0.011201	5.97E-05	0.021585	2.19E-01	0.215859	0.011322	4.41E-05	0.023812	0.251037
5463	489134.91	3858830.7	5.63057	7.10722	4.38558	9.55878	1.28E-01	0.00757	6.6E-05	0.03056	0.16669	1.70E-01	0.010014	5.37E-05	0.018973	1.99E-01	0.196873	0.010122	3.97E-05	0.020931	0.227964
5464	489193.99	3858886.05	5.48394	6.85449	4.25367	9.18206	1.25E-01	0.0073	6.4E-05	0.02936	0.16187	1.66E-01	0.009658	5.21E-05	0.018225	1.93E-01	0.191746	0.009762	3.85E-05	0.020106	0.221652
5465	489295.2	3858954.34	5.19975	6.54134	4.02188	8.66243	1.19E-01	0.00697	6.1E-05	0.02769	0.15339	1.57E-01	0.009216	4.92E-05	0.017194	1.83E-01	0.181809	0.009316	3.64E-05	0.018968	0.210129
5466	489295.64	3858992.74	5.42497	6.54276	4.0335	8.5152	1.24E-01	0.00697	6.1E-05	0.02722	0.15806	1.64E-01	0.009218	4.94E-05	0.016902	1.90E-01	0.189684	0.009318	3.65E-05	0.018645	0.217684
5467	489183.74	3858911.72	5.81428	7.03035	4.28942	9.28508	1.33E-01	0.00749	6.5E-05	0.02968	0.16993	1.75E-01	0.009905	5.25E-05	0.01843	2.04E-01	0.203296	0.010012	3.88E-05	0.020331	0.233678
5468	488873.37	3858625.59	6.44263	8.35211	5.09663	11.88275	1.47E-01	0.0089	7.7E-05	0.03799	0.19399	1.94E-01	0.011768	6.24E-05	0.023586	2.30E-01	0.225266	0.011895	4.61E-05	0.026019	0.263226
5469	488842.84	3858658.69	6.88827	8.83463	5.20378	12.69373	1.57E-01	0.00941	7.8E-05	0.04058	0.20727	2.08E-01	0.012447	6.37E-05	0.025196	2.46E-01	0.240848	0.012582	4.71E-05	0.027795	0.281272
5470	488856.39	3858670.93	6.88199	8.77053	5.16721	12.52522	1.57E-01	0.00934	7.8E-05	0.04004	0.20652	2.08E-01	0.012357	6.32E-05	0.024861	2.45E-01	0.240628	0.012491	4.67E-05	0.027426	0.280592
5471	488805.7	3858724.5	8.69526	9.32967	5.22274	13.52767	1.98E-01	0.00994	7.9E-05	0.04325	0.2517	2.62E-01	0.013145	6.39E-05	0.026851	3.02E-01	0.304029	0.013287	4.72E-05	0.029621	0.346984
5472	488805.87	3858804.16	13.28343	9.21822	5.04343	13.23868	3.03E-01	0.00982	7.6E-05	0.04232	0.35536	4.01E-01	0.012988	6.17E-05	0.026277	4.40E-01	0.464454	0.013128	4.56E-05	0.028988	0.506616
5473	488995.78	3858936.96	9.43412	8.12817	4.56921	11.16991	2.15E-01	0.00866	6.9E-05	0.03571	0.25973	2.85E-01	0.011452	5.59E-05	0.022171	3.18E-01	0.329863	0.011576	4.13E-05	0.024458	0.365939
5474	489130.76	3859017.38	7.02242	7.50023	4.29803	10.03035	1.60E-01	0.00799	6.5E-05	0.03207	0.20038	2.12E-01	0.010567	5.26E-05	0.019909	2.42E-01	0.245539	0.010681	3.89E-05	0.021963	0.278222
5475	489130.92	3859052.24	7.02041	7.47287	4.24816	9.95013	1.60E-01	0.00796	6.4E-05	0.03181	0.20005	2.12E-01	0.010529	5.2E-05	0.01975	2.42E-01	0.245468	0.010642	3.84E-05	0.021787	0.277937
5476	489200.33	3859090.6	6.29427	7.16742	4.1152	9.46575	1.44E-01	0.00764	6.2E-05	0.03026	0.1816	1.90E-01	0.010098	5.04E-05	0.018789	2.19E-01	0.220079	0.010207	3.72E-05	0.020727	0.25105
5477	489296.07	3859143.7	5.55868	6.76457	3.93674	8.84544	1.27E-01	0.00721	5.9E-05	0.02828	0.1624	1.68E-01	0.009531	4.82E-05	0.017557	1.95E-01	0.194359	0.009634	3.56E-05	0.019369	0.223397
5478	489296.43	3858954.74	5.19309	6.53906	4.01884	8.65753	1.19E-01	0.00697	6.1E-05	0.02768	0.15322	1.57E-01	0.009213	4.92E-05	0.017184	1.83E-01	0.181576	0.009313	3.64E-05	0.018957	0.209882
5479	489410.33	3859033.19	4.81142	6.2115	3.86058	8.12574	1.10E-01	0.00662	5.8E-05	0.02598	0.14245	1.45E-01	0.008752	4.73E-05	0.016129	1.70E-01	0.168231	0.008846	3.49E-05	0.017793	0.194905
5480	489371.37	3859089.8	5.12568	6.36995	3.87316	8.23919	1.17E-01	0.00679	5.8E-05	0.02634	0.15016	1.55E-01	0.008975	4.74E-05	0.016354	1.80E-01	0.179219	0.009072	3.5E-05	0.018041	0.206367
5481	489390.52	3859102.82	5.02669	6.29515	3.83522	8.12556	1.15E-01	0.00671	5.8E-05	0.02598	0.14746	1.52E-01	0.008869	4.69E-05	0.016128	1.77E-01	0.175758	0.008965	3.47E-05	0.017792	0.20255
5482	489382.3	3859114.53	5.07364	6.36449	3.84625	8.22834	1.16E-01	0.00678	5.8E-05	0.02631	0.14893	1.53E-01	0.008967	4.71E-05	0.016332	1.78E-01	0.1774	0.009064	3.48E-05	0.018017	0.204516
5483	489363.04	3859102.45	5.17664	6.44314	3.88406	8.34658	1.18E-01	0.00686	5.9E-05	0.02668	0.15174	1.56E-01	0.009078	4.75E-05	0.016567	1.82E-01	0.181001	0.009176	3.51E-05	0.018276	0.208488
5484	489337.52	3859140.71	5.30601	6.5984	3.8895	8.59366	1.21E-01	0.00703	5.9E-05	0.02747	0.15565	1.60E-01	0.009297	4.76E-05	0.017058	1.87E-01	0.185524	0.009397	3.52E-05	0.018817	0.213774
5485	489375.14	3859164.55	5.09777	6.45315	3.82068	8.36563	1.16E-01	0.00687	5.8E-05	0.02675	0.15001	1.54E-01	0.009092	4.68E-05	0.016605	1.80E-01	0.178243	0.00919	3.46E-05	0.018318	0.205786
5486	489409.3	3859114.5	4.9332	6.22039	3.79893	8.0125	1.13E-01	0.00663	5.7E-05	0.02562	0.14488	1.49E-01	0.008764	4.65E-05	0.015904	1.74E-01	0.172489	0.008859	3.44E-05	0.017545	0.198927

5487	489434.87	3859131.81	4.81403	6.12935	3.75272	7.86745		1.10E-01	0.00653	5.7E-05	0.02515	0.1416		1.45E-01	0.008636	4.59E-05	0.015616	1.70E-01		0.168322	0.008729	3.39E-05	0.017227	0.194312							
5488	489471.87	3859075.75	4.58193	6.0467	3.78466	7.86124		1.05E-01	0.00644	5.7E-05	0.02513	0.13619		1.38E-01	0.008519	4.63E-05	0.015604	1.62E-01		0.160207	0.008611	3.42E-05	0.017213	0.186066							
5489	489602.62	3859164.69	4.11824	5.71037	3.62922	7.34833		9.40E-02	0.00608	5.5E-05	0.02349	0.12361		1.24E-01	0.008046	4.44E-05	0.014586	1.47E-01		0.143994	0.008132	3.28E-05	0.01609	0.16825							
5490	489558.29	3859232.45	4.31244	5.74471	3.53033	7.2826		9.84E-02	0.00612	5.3E-05	0.02328	0.12787		1.30E-01	0.008094	4.32E-05	0.014455	1.53E-01		0.150784	0.008181	3.19E-05	0.015946	0.174944							
5491	489620.11	3859273.56	4.0953	5.53546	3.42237	6.99411		9.35E-02	0.0059	5.2E-05	0.02236	0.12177		1.24E-01	0.007799	4.19E-05	0.013883	1.45E-01		0.143192	0.007883	3.1E-05	0.015315	0.166421							
5492	489666.06	3859206.42	3.91786	5.55261	3.55765	7.12087		8.94E-02	0.00592	5.4E-05	0.02277	0.11814		1.18E-01	0.007823	4.35E-05	0.014134	1.40E-01		0.136988	0.007908	3.22E-05	0.015592	0.16052							
5493	489787.9	3859285.65	3.58422	5.27478	3.43003	6.7121		8.18E-02	0.00562	5.2E-05	0.02146	0.10892		1.08E-01	0.007432	4.2E-05	0.013323	1.29E-01		0.125322	0.007512	3.1E-05	0.014697	0.147562							
5494	489752.17	3859343.13	3.70305	5.1426	3.21603	6.6311		8.45E-02	0.00548	4.8E-05	0.0212	0.11123		1.12E-01	0.007246	3.94E-05	0.013162	1.32E-01		0.129477	0.007324	2.91E-05	0.01452	0.15135							
5495	489814.94	3859385.33	3.54083	5.02598	3.12354	6.4587		8.08E-02	0.00535	4.7E-05	0.02065	0.10685		1.07E-01	0.007081	3.82E-05	0.01282	1.27E-01		0.123805	0.007158	2.83E-05	0.014142	0.145133							
5496	489853.42	3859330.74	3.42719	5.12937	3.35441	6.50799		7.82E-02	0.00546	5.1E-05	0.02081	0.10453		1.03E-01	0.007227	4.11E-05	0.012918	1.24E-01		0.119832	0.007305	3.03E-05	0.01425	0.141417							
5497	489969.5	3859401.91	3.17276	4.88985	3.24781	6.16458		7.24E-02	0.00521	4.9E-05	0.01971	0.09737		9.58E-02	0.006889	3.98E-05	0.012236	1.15E-01		0.110935	0.006964	2.94E-05	0.013498	0.131427							
5498	490166.91	3859486.96	2.77998	4.45387	3.11193	5.53784		6.34E-02	0.00474	4.7E-05	0.0177	0.08594		8.39E-02	0.006275	3.81E-05	0.010992	1.01E-01		0.097202	0.006343	2.82E-05	0.012126	0.115699							
5499	490128.86	3859571.46	2.89271	4.49406	2.9089	5.73815		6.60E-02	0.00479	4.4E-05	0.01835	0.08919		8.73E-02	0.006332	3.56E-05	0.01139	1.05E-01		0.101143	0.0064	2.63E-05	0.012565	0.120135							
5500	490186.65	3859593.65	2.81266	4.4196	2.90317	5.61964		6.42E-02	0.00471	4.4E-05	0.01797	0.08691		8.49E-02	0.006227	3.55E-05	0.011154	1.02E-01		0.098344	0.006294	2.63E-05	0.012305	0.11697							
5501	490223.74	3859517.48	2.68635	4.33962	3.06001	5.37561		6.13E-02	0.00462	4.6E-05	0.01719	0.08316		8.11E-02	0.006114	3.75E-05	0.01067	9.79E-02		0.093928	0.00618	2.77E-05	0.011771	0.111907							
5502	490846.34	3859817.22	2.03505	3.17521	2.48578	3.68958		4.64E-02	0.00338	3.7E-05	0.0118	0.06166		6.14E-02	0.004474	3.04E-05	0.007323	7.32E-02		0.071155	0.004522	2.25E-05	0.008079	0.083779							
5503	490925.65	3859844.59	2.01672	3.0061	2.39586	3.51565		4.60E-02	0.0032	3.6E-05	0.01124	0.0605		6.09E-02	0.004235	2.93E-05	0.006978	7.21E-02		0.070515	0.004281	2.17E-05	0.007698	0.082515							
5504	491159.29	3859896.28	1.86459	2.56535	2.13251	3.03328		4.26E-02	0.00273	3.2E-05	0.0097	0.05501		5.63E-02	0.003614	2.61E-05	0.006021	6.59E-02		0.065195	0.003653	1.93E-05	0.006642	0.07551							
5505	491370.69	3859960.89	1.86588	2.55914	2.00205	3.06119		4.26E-02	0.00273	3E-05	0.00979	0.05512		5.63E-02	0.003606	2.45E-05	0.006076	6.60E-02		0.06524	0.003645	1.81E-05	0.006703	0.075606							
5506	491330.28	3860063.17	1.70294	2.37099	1.95577	2.91084		3.89E-02	0.00253	2.9E-05	0.00931	0.05072		5.14E-02	0.003341	2.39E-05	0.005778	6.05E-02		0.059543	0.003377	1.77E-05	0.006374	0.069311							
5507	491636.45	3860180.75	1.55674	2.15172	1.82203	2.5998		3.55E-02	0.00229	2.7E-05	0.00831	0.04616		4.70E-02	0.003032	2.23E-05	0.00516	5.52E-02		0.054431	0.003064	1.65E-05	0.005693	0.063205							
5508	491617.94	3860203.93	1.57558	2.17515	1.81097	2.64634		3.60E-02	0.00232	2.7E-05	0.00846	0.04676		4.76E-02	0.003065	2.22E-05	0.005253	5.59E-02		0.05509	0.003098	1.64E-05	0.005795	0.063999							
5509	491805.68	3860271.59	1.4825	2.03406	1.73713	2.4546		3.38E-02	0.00217	2.6E-05	0.00785	0.04387		4.47E-02	0.002866	2.13E-05	0.004872	5.25E-02		0.051836	0.002897	1.57E-05	0.005375	0.060123							
5510	491654.23	3860414.02	1.60249	2.46038	1.88865	2.96665		3.66E-02	0.00262	2.8E-05	0.00948	0.0487		4.84E-02	0.003467	2.31E-05	0.005888	5.77E-02		0.056031	0.003504	1.71E-05	0.006496	0.066048							
5511	491592.62	3860510.76	1.73201	2.65904	1.89839	3.30755		3.95E-02	0.00283	2.9E-05	0.01057	0.05296		5.23E-02	0.003746	2.32E-05	0.006565	6.26E-02		0.06056	0.003787	1.72E-05	0.007242	0.071606							
5512	491475.41	3860368.93	1.73495	2.68199	1.97474	3.32189		3.96E-02	0.00286	3E-05	0.01062	0.0531		5.24E-02	0.003779	2.42E-05	0.006594	6.28E-02		0.060662	0.00382	1.79E-05	0.007274	0.071774							
5513	491445.61	3860337.28	1.73864	2.69098	1.99278	3.32843		3.97E-02	0.00287	3E-05	0.01064	0.05322		5.25E-02	0.003791	2.44E-05	0.006607	6.29E-02		0.060791	0.003832	1.8E-05	0.007288	0.07193							
5514	491399.05	3860300.37	1.76062	2.72968	2.02553	3.37244		4.02E-02	0.00291	3.1E-05	0.01078	0.0539		5.31E-02	0.003846	2.48E-05	0.006694	6.37E-02		0.06156	0.003887	1.83E-05	0.007385	0.07285							
5515	491228.84	3860235.98	1.89775	2.94665	2.11864	3.68699		4.33E-02	0.00314	3.2E-05	0.01179	0.05827		5.73E-02	0.004152	2.59E-05	0.007318	6.88E-02		0.066355	0.004196	1.92E-05	0.008073	0.078644							
5516	491228.47	3860174.57	1.84621	2.88045	2.14303	3.55605		4.21E-02	0.00307	3.2E-05	0.01137	0.0566		5.57E-02	0.004058	2.62E-05	0.007058	6.69E-02		0.064553	0.004102	1.94E-05	0.007787	0.076461							
5517	491145.77	3860112.55	1.89719	2.97153	2.21361	3.65377		4.33E-02	0.00317	3.3E-05	0.01168	0.05818		5.73E-02	0.004187	2.71E-05	0.007252	6.87E-02		0.066335	0.004232	2E-05	0.008001	0.078588							
5518	490844.41	3859966.22	2.19134	3.46872	2.46725	4.26436		5.00E-02	0.0037	3.7E-05	0.01363	0.06737		6.61E-02	0.004887	3.02E-05	0.008464	7.95E-02		0.07662	0.00494	2.23E-05	0.009338	0.09092							
5519	490845.55	3859928.15	2.14979	3.4215	2.49222	4.16056		4.91E-02	0.00365	3.8E-05	0.0133	0.06604		6.49E-02	0.004821	3.05E-05	0.008258	7.80E-02		0.075167	0.004873	2.25E-05	0.00911	0.089173							
5520	490046.91	3859625.6	3.06577	4.45917	2.78989	5.56299		7.00E-02	0.00475	4.2E-05	0.01779	0.09254		9.25E-02	0.006283	3.41E-05	0.011042	1.10E-01		0.107194	0.006351	2.52E-05	0.012181	0.125751							
5521	489970.48	3859589.4	3.21932	4.66093	2.94276	5.81433		7.35E-02	0.00497	4.4E-05	0.01859	0.09707		9.72E-02	0.006567	3.6E-05	0.011541	1.15E-01		0.112563	0.006638	2.66E-05	0.012731	0.131959							
5522	489865.89	3859529.06	3.45655	4.94228	3.11291	6.16717		7.89E-02	0.00527	4.7E-05	0.01972	0.10391		1.04E-01	0.006963	3.81E-05	0.012241	1.24E-01		0.120858	0.007039	2.82E-05	0.013504	0.141429							
5523	489826.89	3859531.74	3.57707	5.05654	3.2117	6.31255		8.16E-02	0.00539	4.8E-05	0.02018	0.10725		1.08E-01	0.007124	3.93E-05	0.01253	1.28E-01		0.125072	0.007201	2.91E-05	0.013822	0.146125							
5524	489410.47	3859303.06	5.03034	6.2568	3.62709	8.03721		1.15E-01	0.00667	5.5E-05	0.0257	0.14721		1.52E-01	0.008815	4.44E-05	0.015953	1.77E-01		0.175886	0.008911	3.28E-05	0.017599	0.202428							
5525	489407.15	3859286.09	5.02202	6.28894	3.65182	8.09192		1.15E-01	0.0067	5.5E-05	0.02587	0.14723		1.52E-01	0.008861	4.47E-05	0.016062	1.77E-01		0.175595	0.008956	3.3E-05	0.017719	0.202303							
5526	488806.07	3858963.62	8.69828	8.48047	5.11784	12.31516		1.99E-01	0.00903	7.7E-05	0.03937	0.24699		2.63E-01	0.011948	6.26E-05	0.024444	2.99E-01		0.304135	0.012077	4.63E-05	0.026966	0.343225							
5527	488817.64	3859546.3	3.83413	5.03444	3.35102	6.40751		8.75E-02	0.00536	5.1E-05	0.02048	0.1134		1.16E-01	0.007093	4.1E-05	0.012718	1.36E-01		0.13406	0.00717	3.03E-05	0.01403	0.155291							
5528	489187.25	3859549.52	4.19526	5.54454	3.76957	6.8367		9.57E-02	0.00591	5.7E-05	0.02186	0.12356		1.27E-01	0.007812	4.61E-05	0.01357	1.48E-01		0.146687	0.007896	3.41E-05	0.01497	0.169587							
5529	489187.66	3859523.74	4.26641	5.70082	3.88673	7.24848		9.74E-02	0.00607	5.9E-05	0.02317	0.12667		1.29E-01	0.008032	4.76E-05	0.014387	1.51E-01		0.149175	0.008119	3.52E-05	0.015872	0.1732							
5530	489232.59	3859522.85	4.46096	5.97787	3.99941	7.79054		1.02E-01	0.00637	6E-05	0.02491	0.13314		1.35E-01	0.008422	4.89E-05	0.015463	1.59E-01		0.155977	0.008513	3.62E-05	0.017059	0.181585							
5531	489224.98	3859759.91	3.57637	4.63254	3.25838	5.59531		8.16E-02	0.00494	4.9E-05	0.01789	0.10449		1.08E-01	0.006527	3.99E-05	0.011106	1.26E-01		0.125048	0.006597	2.95E-05	0.012252	0.143926							
5532	488401.39	3859763.34	2.77539	3.68728	3.06395	4.3947		6.33E-02	0.00393	4.6E-05	0.01405	0.08136		8.38E-02	0.005195	3.75E-05	0.008723	9.77E-02		0.097041	0.005251	2.77E-05	0.009623	0.111943							
5533	488405.51	3859966.16	2.36831	3.67632	2.78413	4.14121		5.40E-02	0.00392	4.2E-05	0.01324	0.07124		7.15E-02	0.00518	3.41E-05	0.00822	8.49E-02		0.082808	0.005236	2.52E-05	0.009068	0.097136							
5534	489202.85	3859956.57	3.08279	3.63189	2.88169	4.91857		7.04E-02	0.00387	4.3E-05	0.01572	0.08999		9.30E-02	0.005117	3.53E-05	0.009763	1.08E-01		0.10779	0.005172	2.61E-05	0.01077	0.123758							
5535	489191.9	3860676.74	2.22482	3.33626	2.03785	3.51232		5.08E-02	0.00355	3.1E-05	0.01123	0.06559		6.71E-02	0.004701	2.49E-05	0.006972	7.88E-02		0.077791	0.004751	1.84E-05	0.007691	0.090251							
5536	488392.82	3860687.88	1.93672	2.36168	2.22075	3.19901		4.42E-02	0.00252	3.3E-05	0.01023	0.05697		5.85E-02	0.003327	2.72E-05	0.00635	6.82E-02		0.067717	0.003363	2.01E-05	0.007005	0.078106							
5537	488392.82	3860760.27	1.9041	2.47515	2.17614	3.19374		4.35E-02	0.00264	3.3E-05	0.01021	0.05633		5.75E-02	0.003487	2.66E-05	0.006339	6.73E-02		0.066577	0.003525	1.97E-05	0.006993	0.077115							
5538	487549.05	3860777.45	1.97517	3.20786	2.17896	3.16455		4.51E-02	0.00342	3.3E-05	0.01012	0.05864		5.96E-02	0.00452	2.67E-05	0.006281	7.04E-02		0.069062	0.004568	1.97E-05	0.006929	0.080579							
5539	487554.62	3859571.83	2.93488	6.0475	3.03511	4.98186		6.70E-02	0.00644	4.6E-05	0.01593	0.08939		8.86E-02	0.008521	3.71E-05	0.009888	1.07E-01		0.102618	0.008613	2.75E-05	0.010909	0.122167							
5540	485949.46	3859558.54	2.10993	5.69534	2.15696	3.43777		4.82E-02	0.00607	3.3E-05	0.01099	0.06524		6.37E-02	0.008024	2.64E-05	0.006824	7.86E-02		0.073774	0.008111	1.95E-05	0.007528	0.089432							
5541	485947.55	3857943.61	4.74027	11.26694	5.96214	7.54169		1.08E-01	0.012	9E-05	0.02411	0.14438		1.43E-01	0.015874	7.3E-05	0.014969	1.74E-01		0.165743	0.016046	5.39E-05	0.016514	0.198357							
5542	484738.38	3857940.21	3.14842	5.13781	4.25907	5.32594		7.18E-02	0.00547	6.4E-05	0.01703	0.09441		9.50E-02	0.007239	5.21E-05	0.010571	1.13E-01		0.110084	0.007317	3.85E-05	0.011662	0.129102							
5543	484737.06	3857535.68	3.65457	5.49476	4.97466	6.36214		8.34E-02	0.00585	7.5E-05	0.02034	0.10967		1.10E-01	0.007742	6.09E-05	0.012628	1.31E-01		0.127782	0.007825	4.5E-05	0.013931	0.149583							
5544	483730.2	3857530.13	2.99869	4.55089	4.06384	4.75942		6.84E-02	0.00485	6.1E-05	0.01522	0.08856		9.05E-02	0.006412	4.97E-05	0.009447	1.06E-01		0.104849	0.006481	3.68E-05	0.010422	0.121788							
5545	483727.27	3857130.01	3.47482	5.49384	4.59669	6.09645		7.93E-02	0.00585	6.9E-05	0.01949	0.10471		1.05E-01	0.00774	5.63E-05	0.012101	1.25E-01		0.121497	0.007824	4.16E-05	0.013349	0.142712							
5546	483124.42	3857123.45	3.06548	6.45667	3.91624	4.63561		7.00E-02	0.00688	5.9E-05	0.01482	0.09171		9.25E-02	0.009097	4.79E-05	0.009201	1.11E-01		0.107184	0.009195	3.54E-05	0.01015	0.126565							
5547	483111.13	3855921.03	4.5249	8.09817	5.5037	6.54785		1.03E-01	0.00863	8.3E-05	0.02093	0.13291		1.37E-01	0.01141	6.74E-05	0.012997	1.61E-01		0.158213	0.011533	4.98E-05	0.014338	0.184133							

5548	482701.73	3855918.24	3.89156	6.43196	4.8742	5.85972		8.88E-02	0.00685	7.3E-05	0.01873	0.11447		1.17E-01	0.009062	5.97E-05	0.011631	1.38E-01		0.136068	0.00916	4.41E-05	0.012831	0.158103
5549	482668.02	3853521.78	5.57863	6.12799	4.64478	6.0377		1.27E-01	0.00653	7E-05	0.0193	0.15321		1.68E-01	0.008634	5.68E-05	0.011984	1.89E-01		0.195056	0.008727	4.2E-05	0.013221	0.217046
5550	482579.91	3853219.19	4.54024	7.71778	4.41353	5.51584		1.04E-01	0.00822	6.7E-05	0.01763	0.12953		1.37E-01	0.010874	5.4E-05	0.010948	1.59E-01		0.158749	0.010991	3.99E-05	0.012078	0.181858
5551	482434.06	3852961.94	4.61447	7.2349	5.02021	5.33284		1.05E-01	0.00771	7.6E-05	0.01705	0.13014		1.39E-01	0.010194	6.14E-05	0.010585	1.60E-01		0.161345	0.010304	4.54E-05	0.011677	0.183371
5552	482332.11	3852832.85	4.50088	6.82582	4.98758	5.00004		1.03E-01	0.00727	7.5E-05	0.01599	0.12605		1.36E-01	0.009617	6.1E-05	0.009925	1.55E-01		0.157373	0.009721	4.51E-05	0.010948	0.178088
5553	481334.99	3851818.96	3.37991	4.66505	3.44634	3.78544		7.71E-02	0.00497	5.2E-05	0.0121	0.09426		1.02E-01	0.006573	4.22E-05	0.007514	1.16E-01		0.118178	0.006644	3.12E-05	0.008289	0.133142
5554	481127.62	3851646.36	3.15257	4.3035	3.07217	3.6178		7.19E-02	0.00458	4.6E-05	0.01157	0.08814		9.51E-02	0.006063	3.76E-05	0.007181	1.08E-01		0.110229	0.006129	2.78E-05	0.007922	0.124308
5555	481025.04	3851591.73	3.00134	4.06794	2.77831	3.61683		6.85E-02	0.00433	4.2E-05	0.01156	0.08443		9.06E-02	0.005731	3.4E-05	0.007179	1.04E-01		0.104942	0.005793	2.51E-05	0.00792	0.11868
5556	480513.6	3851335.76	2.08847	2.72278	2.31763	3.22516		4.77E-02	0.0029	3.5E-05	0.01031	0.06091		6.30E-02	0.003836	2.84E-05	0.006402	7.33E-02		0.073023	0.003878	2.1E-05	0.007062	0.083984
5557	480523.56	3851317.66	2.1679	2.74142	2.33538	3.32909		4.95E-02	0.00292	3.5E-05	0.01064	0.06307		6.54E-02	0.003862	2.86E-05	0.006608	7.59E-02		0.075801	0.003904	2.11E-05	0.00729	0.087015
5558	476921.56	3849569.11	1.22193	1.39971	1.26949	1.6481		2.79E-02	0.00149	1.9E-05	0.00527	0.03466		3.69E-02	0.001972	1.55E-05	0.003271	4.21E-02		0.042725	0.001993	1.15E-05	0.003609	0.048338
5559	476521.19	3849373.96	1.16503	1.4044	1.25172	1.42863		2.66E-02	0.0015	1.9E-05	0.00457	0.03267		3.52E-02	0.001979	1.53E-05	0.002836	4.00E-02		0.040735	0.002	1.13E-05	0.003128	0.045875
5560	476391.45	3849333.38	1.10179	1.38782	1.24803	1.45444		2.51E-02	0.00148	1.9E-05	0.00465	0.03129		3.33E-02	0.001955	1.53E-05	0.002887	3.81E-02		0.038524	0.001976	1.13E-05	0.003185	0.043697
5561	476219.41	3849304.29	1.11306	1.45946	1.28913	1.41948		2.54E-02	0.00155	1.9E-05	0.00454	0.03151		3.36E-02	0.002056	1.58E-05	0.002818	3.85E-02		0.038918	0.002078	1.17E-05	0.003108	0.044116
5562	475679.11	3849218.47	1.17816	1.46014	1.32062	1.38343		2.69E-02	0.00156	2E-05	0.00442	0.03288		3.56E-02	0.002057	1.62E-05	0.002746	4.04E-02		0.041194	0.002079	1.19E-05	0.003029	0.046315
5563	475677.71	3849233.88	1.16268	1.43754	1.28883	1.38057		2.65E-02	0.00153	1.9E-05	0.00441	0.0325		3.51E-02	0.002025	1.58E-05	0.00274	3.99E-02		0.040653	0.002047	1.17E-05	0.003023	0.045735
5564	475492.74	3849204.66	1.15544	1.41653	1.28031	0.84873		2.64E-02	0.00151	1.9E-05	0.00271	0.03061		3.49E-02	0.001996	1.57E-05	0.001685	3.86E-02		0.0404	0.002017	1.16E-05	0.001858	0.044287
5565	475497.64	3849158.75	1.12244	1.3793	1.25974	1.04493		2.56E-02	0.00147	1.9E-05	0.00334	0.03044		3.39E-02	0.001943	1.54E-05	0.002074	3.79E-02		0.039246	0.001964	1.14E-05	0.002288	0.04351
5566	475391.35	3849141.94	1.1307	1.44266	1.23748	1.07801		2.58E-02	0.00154	1.9E-05	0.00345	0.03081		3.41E-02	0.002033	1.51E-05	0.00214	3.83E-02		0.039535	0.002055	1.12E-05	0.00236	0.043961
5567	475277	3849095.47	1.12158	1.44878	1.24032	1.05184		2.56E-02	0.00154	1.9E-05	0.00336	0.03052		3.39E-02	0.002041	1.52E-05	0.002088	3.80E-02		0.039216	0.002063	1.12E-05	0.002303	0.043594
5568	475183.93	3849025.66	1.1131	1.42857	1.22748	1.03455		2.54E-02	0.00152	1.8E-05	0.00331	0.03025		3.36E-02	0.002013	1.5E-05	0.002053	3.77E-02		0.038919	0.002034	1.11E-05	0.002265	0.04323
5569	474453.23	3848378.77	1.05575	1.30187	1.19706	1.13238		2.41E-02	0.00139	1.8E-05	0.00362	0.02912		3.19E-02	0.001834	1.47E-05	0.002248	3.60E-02		0.036914	0.001854	1.08E-05	0.00248	0.041259
5570	474569.63	3848399.34	1.10454	1.36995	1.29503	1.13057		2.52E-02	0.00146	2E-05	0.00361	0.0303		3.33E-02	0.00193	1.59E-05	0.002244	3.75E-02		0.03862	0.001951	1.17E-05	0.002476	0.043058
5571	474644.33	3848464.52	1.10689	1.37098	1.28843	1.14954		2.53E-02	0.00146	1.9E-05	0.00368	0.03042		3.34E-02	0.001932	1.58E-05	0.002282	3.76E-02		0.038702	0.001952	1.17E-05	0.002517	0.043184
5572	474719.04	3848529.7	1.10894	1.37104	1.28315	1.15614		2.53E-02	0.00146	1.9E-05	0.0037	0.03048		3.35E-02	0.001932	1.57E-05	0.002295	3.77E-02		0.038774	0.001953	1.16E-05	0.002532	0.04327
5573	474793.74	3848594.88	1.11113	1.37094	1.28317	1.13244		2.54E-02	0.00146	1.9E-05	0.00362	0.03046		3.35E-02	0.001932	1.57E-05	0.002248	3.77E-02		0.038851	0.001952	1.16E-05	0.00248	0.043294
5574	474868.45	3848660.07	1.10929	1.36628	1.28176	1.08552		2.53E-02	0.00146	1.9E-05	0.00347	0.03026		3.35E-02	0.001925	1.57E-05	0.002155	3.76E-02		0.038786	0.001946	1.16E-05	0.002377	0.043121
5575	474943.15	3848725.25	1.10612	1.36014	1.27304	1.06362		2.52E-02	0.00145	1.9E-05	0.0034	0.03011		3.34E-02	0.001916	1.56E-05	0.002111	3.74E-02		0.038675	0.001937	1.15E-05	0.002329	0.042953
5576	475017.86	3848790.43	1.10649	1.35715	1.2611	1.07844		2.53E-02	0.00145	1.9E-05	0.00345	0.03016		3.34E-02	0.001912	1.54E-05	0.002141	3.75E-02		0.038688	0.001933	1.14E-05	0.002361	0.042994
5577	475092.56	3848855.61	1.10684	1.35366	1.24597	1.10675		2.53E-02	0.00144	1.9E-05	0.00354	0.03026		3.34E-02	0.001907	1.52E-05	0.002197	3.75E-02		0.038701	0.001928	1.13E-05	0.002423	0.043063
5578	475232.58	3848959.38	1.11883	1.36561	1.24869	1.14544		2.55E-02	0.00145	1.9E-05	0.00366	0.03067		3.38E-02	0.001924	1.53E-05	0.002274	3.80E-02		0.03912	0.001945	1.13E-05	0.002508	0.043584
5579	475368.47	3849029.98	1.15599	1.41596	1.31182	1.16376		2.64E-02	0.00151	2E-05	0.00372	0.03163		3.49E-02	0.001995	1.61E-05	0.00231	3.92E-02		0.040419	0.002017	1.19E-05	0.002548	0.044996
5580	475609.57	3849096.09	1.24764	1.54872	1.48927	1.18953		2.85E-02	0.00165	2.2E-05	0.0038	0.03395		3.77E-02	0.002182	1.82E-05	0.002361	4.22E-02		0.043624	0.002206	1.35E-05	0.002605	0.048447
5581	475680.68	3849116.62	1.25999	1.57045	1.49889	1.27429		2.88E-02	0.00167	2.3E-05	0.00407	0.03452		3.80E-02	0.002213	1.83E-05	0.002529	4.28E-02		0.044055	0.002237	1.36E-05	0.00279	0.049096
5582	475843.76	3849151.52	1.25176	1.57906	1.49239	1.30864		2.86E-02	0.00168	2.2E-05	0.00418	0.03445		3.78E-02	0.002225	1.83E-05	0.002598	4.26E-02		0.043768	0.002249	1.35E-05	0.002865	0.048896
5583	475935.73	3849165.89	1.18881	1.52587	1.40395	1.32582		2.71E-02	0.00163	2.1E-05	0.00424	0.03302		3.59E-02	0.00215	1.72E-05	0.002632	4.07E-02		0.041567	0.002173	1.27E-05	0.002903	0.046656
5584	476027.71	3849180.27	1.12419	1.45921	1.30658	1.35954		2.57E-02	0.00155	2E-05	0.00435	0.03158		3.39E-02	0.002056	1.6E-05	0.002699	3.87E-02		0.039307	0.002078	1.18E-05	0.002977	0.044374
5585	476119.68	3849194.64	1.13175	1.4449	1.31733	1.35676		2.58E-02	0.00154	2E-05	0.00434	0.03172		3.42E-02	0.002036	1.61E-05	0.002693	3.89E-02		0.039572	0.002058	1.19E-05	0.002971	0.044612
5586	476211.65	3849209.01	1.14399	1.43514	1.33763	1.35498		2.61E-02	0.00153	2E-05	0.00433	0.03199		3.45E-02	0.002022	1.64E-05	0.002689	3.93E-02		0.04	0.002044	1.21E-05	0.002967	0.045022
5587	476497.81	3849283.9	1.25054	1.53407	1.37962	1.4095		2.85E-02	0.00163	2.1E-05	0.00451	0.0347		3.77E-02	0.002161	1.69E-05	0.002798	4.27E-02		0.043725	0.002185	1.25E-05	0.003086	0.049009
5588	476603.73	3849323.77	1.26088	1.56221	1.4102	1.49395		2.88E-02	0.00166	2.1E-05	0.00478	0.03524		3.81E-02	0.002201	1.73E-05	0.002965	4.32E-02		0.044087	0.002225	1.28E-05	0.003271	0.049595
5589	476728.99	3849382.76	1.26483	1.58136	1.42901	1.55291		2.89E-02	0.00168	2.2E-05	0.00496	0.03554		3.82E-02	0.002228	1.75E-05	0.003082	4.35E-02		0.044225	0.002252	1.29E-05	0.0034	0.04989
5590	476801.27	3849418.65	1.25495	1.58176	1.42649	1.58318		2.86E-02	0.00169	2.1E-05	0.00506	0.03541		3.79E-02	0.002229	1.75E-05	0.003142	4.33E-02		0.043879	0.002253	1.29E-05	0.003467	0.049611
5591	476956.2	3849495.05	1.28284	1.56831	1.40048	1.62625		2.93E-02	0.00167	2.1E-05	0.0052	0.03617		3.87E-02	0.00221	1.71E-05	0.003228	4.42E-02		0.044854	0.002234	1.27E-05	0.003561	0.050662
5592	477038.84	3849535.56	1.30823	1.58401	1.42105	1.61722		2.99E-02	0.00169	2.1E-05	0.00517	0.03673		3.95E-02	0.002232	1.74E-05	0.00321	4.49E-02		0.045742	0.002256	1.29E-05	0.003541	0.051552
5593	477121.49	3849576.08	1.3221	1.57137	1.40469	1.61762		3.02E-02	0.00167	2.1E-05	0.00517	0.03704		3.99E-02	0.002214	1.72E-05	0.003211	4.53E-02		0.046227	0.002238	1.27E-05	0.003542	0.05202
5594	477204.13	3849616.6	1.3411	1.57492	1.41152	1.58803		3.06E-02	0.00168	2.1E-05	0.00508	0.03738		4.05E-02	0.002219	1.73E-05	0.003152	4.59E-02		0.046891	0.002243	1.28E-05	0.003477	0.052624
5595	477286.78	3849657.12	1.38783	1.62896	1.49824	1.5008		3.17E-02	0.00174	2.3E-05	0.0048	0.03823		4.19E-02	0.002295	1.83E-05	0.002979	4.72E-02		0.048525	0.00232	1.36E-05	0.003286	0.054145
5596	477369.42	3849697.63	1.35754	1.59716	1.39679	1.55363		3.10E-02	0.0017	2.1E-05	0.00497	0.03767		4.10E-02	0.00225	1.71E-05	0.003084	4.63E-02		0.047466	0.002275	1.26E-05	0.003402	0.053155
5597	477452.07	3849738.15	1.37243	1.62658	1.43685	1.60174		3.13E-02	0.00173	2.2E-05	0.00512	0.0382		4.14E-02	0.002292	1.76E-05	0.003179	4.69E-02		0.047987	0.002316	1.3E-05	0.003507	0.053824
5598	477534.71	3849778.67	1.33537	1.55513	1.3987	1.67513		3.05E-02	0.00166	2.1E-05	0.00536	0.03751		4.03E-02	0.002191	1.71E-05	0.003325	4.58E-02		0.046691	0.002215	1.27E-05	0.003668	0.052586
5599	477617.36	3849819.18	1.33933	1.56513	1.42334	1.70531		3.06E-02	0.00167	2.1E-05	0.00545	0.03771		4.04E-02	0.002205	1.74E-05	0.003385	4.60E-02		0.04683	0.002229	1.29E-05	0.003734	0.052806
5600	477824.74	3849896.37	1.27879	1.53205	1.40187	1.73056		2.92E-02	0.00163	2.1E-05	0.00553	0.03637		3.86E-02	0.002159	1.72E-05	0.003435	4.42E-02		0.044713	0.002182	1.27E-05	0.003789	0.050697
5601	477906.31	3849936.37	1.31988	1.63511	1.49803	1.66948		3.01E-02	0.00174	2.3E-05	0.00534	0.03722		3.98E-02	0.002304	1.83E-05	0.003314	4.55E-02		0.04615	0.002329	1.36E-05	0.003656	0.052147
5602	477987.89	3849976.36	1.33948	1.61013	1.45253	1.66267		3.06E-02	0.00172	2.2E-05	0.00532	0.03762		4.04E-02	0.002269	1.78E-05	0.0033	4.60E-02		0.046835	0.002293	1.31E-05	0.003641	0.052782
5603	478069.47	3850016.36	1.45088	1.80811	1.49715	1.58695		3.31E-02	0.00193	2.3E-05	0.00507	0.04013		4.38E-02	0.002548	1.83E-05	0.00315	4.95E-02		0.05073	0.002575	1.35E-05	0.003475	0.056793
5604	478151.04	3850056.35	1.54957	1.93156	1.52516	1.56682		3.54E-02	0.00206	2.3E-05	0.00501	0.04245		4.68E-02	0.002721	1.87E-05	0.00311	5.26E-02		0.054181	0.002751	1.38E-05	0.003431	0.060376
5605	478232.62	3850096.35	1.59922	2.01358	1.49572	1.61742		3.65E-02	0.00215	2.3E-05	0.00517	0.04383		4.83E-02	0.002837	1.83E-05	0.00321	5.43E-02		0.055917	0.002868	1.35E-05	0.003542	0.062339
5606	478314.2	3850136.34	1.6372	2.08148	1.55603	1.66524		3.74E-02	0.00222	2.3E-05	0.00532	0.04493		4.94E-02	0.002933	1.9E-05	0.003305	5.57E-02		0.057245	0.002964	1.41E-05	0.003646	0.063869
5607	478395.77	3850176.34	1.66167	2.13815	1.60833	1.81419		3.79E-02	0.00228	2.4E-05	0.0058	0.04602		5.02E-02	0.003013	1.97E-05	0.003601	5.68E-02		0.0581	0.003045	1.46E-05	0.003972	0.065132
5608	478575.43	3850244.45	1.68695	2.24238	1.70906	2.19283		3.85E-02	0.00239	2.6E-05	0.00701	0.04792		5.09E-02	0.003159	2.09E-05	0.004353	5.84E-02		0.058984	0.003193	1.55E-05	0.004802	0.066995

5609	478665.06	3850287.29	1.67719	2.1207	1.72411	2.33	3.83E-02	0.00226	2.6E-05	0.00745	0.04801	5.06E-02	0.002988	2.11E-05	0.004625	5.83E-02	0.058643	0.00302	1.56E-05	0.005102	0.066781
5610	478754.69	3850330.14	1.65516	2.1441	1.71721	2.45418	3.78E-02	0.00228	2.6E-05	0.00785	0.04793	5.00E-02	0.003021	2.1E-05	0.004871	5.79E-02	0.057873	0.003054	1.55E-05	0.005374	0.066315
5611	478844.32	3850372.99	1.61414	2.14626	1.68501	2.56379	3.68E-02	0.00229	2.5E-05	0.0082	0.04734	4.87E-02	0.003024	2.06E-05	0.005089	5.68E-02	0.056438	0.003057	1.52E-05	0.005614	0.065124
5612	478933.95	3850415.84	1.56291	2.02465	1.64186	2.65149	3.57E-02	0.00216	2.5E-05	0.00848	0.04633	4.72E-02	0.002853	2.01E-05	0.005263	5.53E-02	0.054647	0.002883	1.49E-05	0.005806	0.063351
5613	479023.58	3850458.68	1.56582	2.14754	1.67286	2.67466	3.57E-02	0.00229	2.5E-05	0.00855	0.0466	4.73E-02	0.003026	2.05E-05	0.005309	5.56E-02	0.054749	0.003058	1.51E-05	0.005857	0.063679
5614	479110.66	3850441.91	1.46801	2.05083	1.58944	2.63141	3.35E-02	0.00218	2.4E-05	0.00841	0.04412	4.43E-02	0.002889	1.95E-05	0.005223	5.24E-02	0.051329	0.002921	1.44E-05	0.005762	0.060026
5615	479191.22	3850423.99	1.4733	2.03835	1.49232	2.76676	3.36E-02	0.00217	2.2E-05	0.00885	0.04466	4.45E-02	0.002872	1.83E-05	0.005492	5.28E-02	0.051514	0.002903	1.35E-05	0.006058	0.060489
5616	479274.32	3850465.71	1.54538	2.0466	1.48125	2.79827	3.53E-02	0.00218	2.2E-05	0.00895	0.04642	4.66E-02	0.002884	1.81E-05	0.005554	5.51E-02	0.054034	0.002915	1.34E-05	0.006127	0.063089
5617	479357.43	3850507.42	1.63915	2.04724	1.53513	2.79593	3.74E-02	0.00218	2.3E-05	0.00894	0.04855	4.95E-02	0.002884	1.88E-05	0.00555	5.79E-02	0.057313	0.002916	1.39E-05	0.006122	0.066364
5618	479440.53	3850549.14	1.73657	2.17994	1.63726	2.75809	3.96E-02	0.00232	2.5E-05	0.00882	0.05079	5.24E-02	0.003071	2E-05	0.005475	6.10E-02	0.060719	0.003105	1.48E-05	0.006039	0.069878
5619	479523.64	3850590.85	1.81789	2.21583	1.77217	2.70094	4.15E-02	0.00236	2.7E-05	0.00863	0.05251	5.49E-02	0.003122	2.17E-05	0.005361	6.34E-02	0.063562	0.003156	1.6E-05	0.005914	0.072648
5620	479606.74	3850632.57	1.87728	2.30122	1.88567	2.6329	4.28E-02	0.00245	2.8E-05	0.00842	0.05374	5.67E-02	0.003242	2.31E-05	0.005226	6.51E-02	0.065639	0.003277	1.71E-05	0.005765	0.074698
5621	479777.37	3850707.61	1.98492	2.45189	2.12541	2.5331	4.53E-02	0.00261	3.2E-05	0.0081	0.05604	5.99E-02	0.003455	2.6E-05	0.005028	6.84E-02	0.069403	0.003492	1.92E-05	0.005547	0.07846
5622	479864.9	3850740.95	1.98714	2.4901	2.1916	2.62346	4.53E-02	0.00265	3.3E-05	0.00839	0.05642	6.00E-02	0.003508	2.68E-05	0.005207	6.87E-02	0.06948	0.003546	1.98E-05	0.005745	0.078791
5623	479931.87	3850829.57	1.98703	2.51503	2.14331	2.62658	4.53E-02	0.00268	3.2E-05	0.0084	0.05645	6.00E-02	0.003544	2.62E-05	0.005213	6.88E-02	0.069476	0.003582	1.94E-05	0.005751	0.078829
5624	479995.55	3850926.75	1.95053	2.46262	2.03398	2.73047	4.45E-02	0.00262	3.1E-05	0.00873	0.0559	5.89E-02	0.00347	2.49E-05	0.00542	6.78E-02	0.0682	0.003507	1.84E-05	0.005979	0.077705
5625	480079.78	3850968.64	1.9531	2.49857	2.08491	2.77151	4.46E-02	0.00266	3.1E-05	0.00886	0.05613	5.89E-02	0.00352	2.55E-05	0.005501	6.80E-02	0.06829	0.003558	1.89E-05	0.006069	0.077936
5626	480164.01	3851010.54	1.95204	2.51768	2.13957	2.98356	4.45E-02	0.00268	3.2E-05	0.00954	0.0568	5.89E-02	0.003547	2.62E-05	0.005922	6.84E-02	0.068253	0.003586	1.94E-05	0.006533	0.078391
5627	480248.23	3851052.43	2.01996	2.51979	2.18656	3.1696	4.61E-02	0.00268	3.3E-05	0.01013	0.05895	6.10E-02	0.00355	2.68E-05	0.006291	7.08E-02	0.070628	0.003589	1.98E-05	0.00694	0.081176
5628	480332.46	3851094.33	2.15687	2.71864	2.22761	3.3059	4.92E-02	0.0029	3.4E-05	0.01057	0.06272	6.51E-02	0.00383	2.73E-05	0.006562	7.55E-02	0.075415	0.003872	2.02E-05	0.007239	0.086546
5629	480416.69	3851136.22	2.31322	2.9389	2.25651	3.39363	5.28E-02	0.00313	3.4E-05	0.01085	0.0668	6.98E-02	0.004141	2.76E-05	0.006736	8.07E-02	0.080882	0.004185	2.04E-05	0.007431	0.092518
5630	480579.95	3851215.17	2.58786	3.36679	2.32773	3.4296	5.91E-02	0.00359	3.5E-05	0.01096	0.07364	7.81E-02	0.004744	2.85E-05	0.006807	8.97E-02	0.090484	0.004795	2.11E-05	0.00751	0.10281
5631	480658.98	3851252.22	2.70958	3.56383	2.40365	3.37337	6.18E-02	0.0038	3.6E-05	0.01078	0.07645	8.18E-02	0.005021	2.94E-05	0.006696	9.35E-02	0.09474	0.005075	2.17E-05	0.007387	0.107224
5632	480817.36	3851327.85	2.9356	3.91725	2.82438	3.42131	6.70E-02	0.00417	4.3E-05	0.01094	0.08215	8.86E-02	0.005519	3.46E-05	0.006791	1.01E-01	0.102643	0.005579	2.56E-05	0.007492	0.115739
5633	480896.72	3851366.43	3.03911	4.0645	3.03596	3.4481	6.94E-02	0.00433	4.6E-05	0.01102	0.08475	9.17E-02	0.005727	3.72E-05	0.006844	1.04E-01	0.106262	0.005788	2.75E-05	0.00755	0.119628
5634	480976.07	3851405	3.13343	4.18488	3.24396	3.42133	7.15E-02	0.00446	4.9E-05	0.01094	0.08695	9.46E-02	0.005896	3.97E-05	0.006791	1.07E-01	0.10956	0.00596	2.93E-05	0.007492	0.123041
5635	481178	3851487.31	3.33702	4.31165	3.76499	4.11043	7.62E-02	0.00459	5.7E-05	0.01314	0.09394	1.01E-01	0.006075	4.61E-05	0.008159	1.15E-01	0.116679	0.00614	3.41E-05	0.009	0.131854
5636	481244.9	3851557.17	3.39467	4.39169	3.84576	4.18935	7.75E-02	0.00468	5.8E-05	0.01339	0.0956	1.02E-01	0.006188	4.71E-05	0.008315	1.17E-01	0.118694	0.006254	3.48E-05	0.009173	0.134157
5637	481311.81	3851627.03	3.4565	4.47894	3.9327	4.2652	7.89E-02	0.00477	5.9E-05	0.01364	0.09735	1.04E-01	0.006311	4.81E-05	0.008466	1.19E-01	0.120856	0.006379	3.56E-05	0.009339	0.13661
5638	481378.71	3851696.89	3.52301	4.57082	4.02438	4.34139	8.04E-02	0.00487	6.1E-05	0.01388	0.09921	1.06E-01	0.00644	4.93E-05	0.008617	1.21E-01	0.123182	0.00651	3.64E-05	0.009506	0.139234
5639	481445.61	3851766.76	3.59049	4.66328	4.11792	4.42164	8.19E-02	0.00497	6.2E-05	0.01414	0.1011	1.08E-01	0.00657	5.04E-05	0.008776	1.24E-01	0.125541	0.006641	3.73E-05	0.009682	0.141902
5640	481512.51	3851836.62	3.66207	4.76459	4.2191	4.49949	8.36E-02	0.00508	6.4E-05	0.01438	0.1031	1.11E-01	0.006713	5.16E-05	0.008931	1.26E-01	0.128044	0.006785	3.82E-05	0.009852	0.14472
5641	481579.42	3851906.48	3.73787	4.86963	4.32479	4.5792	8.53E-02	0.00519	6.5E-05	0.01464	0.10519	1.13E-01	0.006861	5.29E-05	0.009089	1.29E-01	0.130694	0.006935	3.91E-05	0.010027	0.147696
5642	481646.32	3851976.34	3.81469	4.97552	4.43299	4.66298	8.71E-02	0.0053	6.7E-05	0.01491	0.10733	1.15E-01	0.00701	5.43E-05	0.009256	1.31E-01	0.13338	0.007086	4.01E-05	0.01021	0.150717
5643	481713.22	3852046.2	3.9057	5.10376	4.55797	4.72657	8.91E-02	0.00544	6.9E-05	0.01511	0.10975	1.18E-01	0.007191	5.58E-05	0.009382	1.35E-01	0.136563	0.007269	4.12E-05	0.01035	0.154222
5644	481780.12	3852116.06	3.98346	5.20747	4.66938	4.82655	9.09E-02	0.00555	7E-05	0.01543	0.11195	1.20E-01	0.007337	5.71E-05	0.00958	1.37E-01	0.139281	0.007416	4.22E-05	0.010569	0.157308
5645	481847.03	3852185.92	4.05612	5.29979	4.77585	4.94297	9.26E-02	0.00565	7.2E-05	0.0158	0.11408	1.22E-01	0.007467	5.85E-05	0.009811	1.40E-01	0.141822	0.007548	4.32E-05	0.010823	0.160236
5646	481913.93	3852255.78	4.12449	5.38608	4.88084	5.0612	9.41E-02	0.00574	7.4E-05	0.01618	0.11612	1.24E-01	0.007589	5.97E-05	0.010046	1.42E-01	0.144213	0.007671	4.42E-05	0.011082	0.16301
5647	481980.83	3852325.65	4.17905	5.45554	4.97711	5.17734	9.54E-02	0.00581	7.5E-05	0.01655	0.11781	1.26E-01	0.007687	6.09E-05	0.010276	1.44E-01	0.14612	0.007769	4.5E-05	0.011337	0.165271
5648	482047.73	3852395.51	4.25948	5.55757	5.09866	5.28607	9.72E-02	0.00592	7.7E-05	0.0169	0.1201	1.29E-01	0.00783	6.24E-05	0.010492	1.47E-01	0.148932	0.007915	4.61E-05	0.011575	0.168468
5649	482114.64	3852465.37	4.32404	5.63357	5.20562	5.39281	9.87E-02	0.006	7.8E-05	0.01724	0.122	1.31E-01	0.007937	6.37E-05	0.010704	1.49E-01	0.15119	0.008023	4.71E-05	0.011808	0.171068
5650	482181.54	3852535.23	4.42868	5.76431	5.35451	5.51236	1.01E-01	0.00614	8.1E-05	0.01762	0.12491	1.34E-01	0.008122	6.55E-05	0.010941	1.53E-01	0.154849	0.008209	4.84E-05	0.01207	0.175176
5651	482338.69	3852700.05	4.66211	6.0414	5.69448	5.79746	1.06E-01	0.00644	8.6E-05	0.01853	0.13145	1.41E-01	0.008512	6.97E-05	0.011507	1.61E-01	0.16301	0.008604	5.15E-05	0.012695	0.18436
5652	482404.05	3852767.78	4.77384	6.16026	5.85324	5.93143	1.09E-01	0.00656	8.8E-05	0.01896	0.13456	1.44E-01	0.008679	7.16E-05	0.011773	1.65E-01	0.166917	0.008773	5.3E-05	0.012988	0.188731
5653	482469.4	3852835.52	4.89538	6.28015	6.01857	6.07111	1.12E-01	0.00669	9.1E-05	0.01941	0.13791	1.48E-01	0.008848	7.37E-05	0.012051	1.69E-01	0.171167	0.008944	5.44E-05	0.013294	0.193459
5654	482534.75	3852903.25	5.05444	6.42713	6.21089	6.22107	1.15E-01	0.00685	9.4E-05	0.01989	0.14218	1.53E-01	0.009055	7.6E-05	0.012348	1.74E-01	0.176728	0.009153	5.62E-05	0.013622	0.19956
5655	482600.11	3852970.99	5.23848	6.55232	6.39468	6.37432	1.20E-01	0.00698	9.6E-05	0.02038	0.147	1.58E-01	0.009232	7.83E-05	0.012652	1.80E-01	0.183163	0.009331	5.79E-05	0.013958	0.20651
5656	482706.71	3853119.28	5.69818	7.25089	6.6156	6.25637	1.30E-01	0.00772	1E-04	0.02	0.15786	1.72E-01	0.010216	8.1E-05	0.012418	1.95E-01	0.199237	0.010326	5.98E-05	0.013699	0.223322
5657	482747.96	3853199.84	5.86555	7.76435	6.52283	5.89944	1.34E-01	0.00827	9.8E-05	0.01886	0.16109	1.77E-01	0.010939	7.98E-05	0.01171	2.00E-01	0.205089	0.011058	5.9E-05	0.012918	0.229123
5658	482789.21	3853280.4	5.99254	8.25656	6.34293	5.91286	1.37E-01	0.0088	9.6E-05	0.0189	0.16455	1.81E-01	0.011633	7.76E-05	0.011736	2.04E-01	0.209529	0.011759	5.74E-05	0.012947	0.234292
5659	482830.46	3853360.96	6.02381	8.75716	6.09955	6.18645	1.37E-01	0.00933	9.2E-05	0.01978	0.16667	1.82E-01	0.012338	7.47E-05	0.012279	2.06E-01	0.210622	0.012471	5.52E-05	0.013546	0.236695
5660	482871.71	3853441.52	5.92289	9.21593	5.77576	6.31294	1.35E-01	0.00982	8.7E-05	0.02018	0.16525	1.79E-01	0.012985	7.07E-05	0.012531	2.04E-01	0.207094	0.013125	5.23E-05	0.013823	0.234094
5661	482912.95	3853522.07	6.24741	9.70787	5.41506	6.29318	1.43E-01	0.01034	8.2E-05	0.02012	0.17311	1.89E-01	0.013678	6.63E-05	0.012491	2.15E-01	0.21844	0.013825	4.9E-05	0.01378	0.246095
5662	482954.2	3853602.63	7.01368	10.08728	5.30771	6.42603	1.60E-01	0.01075	8E-05	0.02054	0.19143	2.12E-01	0.014212	6.5E-05	0.012755	2.39E-01	0.245233	0.014366	4.8E-05	0.014071	0.273718
5663	482995.45	3853683.19	7.43744	10.35921	5.34936	6.86256	1.70E-01	0.01104	8.1E-05	0.02194	0.20278	2.24E-01	0.014595	6.55E-05	0.013621	2.53E-01	0.26005	0.014753	4.84E-05	0.015027	0.289878
5664	483036.7	3853763.75	7.30114	10.43305	5.55812	7.08144	1.67E-01	0.01111	8.4E-05	0.02264	0.20046	2.20E-01	0.0147	6.8E-05	0.014056	2.49E-01	0.255284	0.014858	5.03E-05	0.015506	0.285698
5665	483214.2	3853909.91	7.61819	13.5487	6.4181	7.00974	1.74E-01	0.01443	9.7E-05	0.02241	0.21079	2.30E-01	0.019089	7.86E-05	0.013914	2.63E-01	0.26637	0.019295	5.81E-05	0.015349	0.301072
5666	483307.01	3853910.44	8.30657	14.05234	7.44474	6.79602	1.90E-01	0.01497	0.00011	0.02173	0.22637	2.51E-01	0.019799	9.11E-05	0.013489	2.84E-01	0.290439	0.020013	6.74E-05	0.014881	0.3254
5667	483399.83	3853910.96	8.92856	12.62886	9.65411	6.53502	2.04E-01	0.01345	0.00015	0.02089	0.23825	2.69E-01	0.017793	0.000118	0.012971	3.00E-01	0.312187	0.017985	8.73E-05	0.01431	0.344569
5668	483494.52	3854009.24	9.34435	13.56452	10.30187	6.65568	2.13E-01	0.01445	0.00016	0.02128	0.24913	2.82E-01	0.019112	0.000126	0.013211	3.14E-01	0.326725	0.019318	9.32E-05	0.014574	0.360709
5669	483496.41	3854106.98	9.01255	16.4263	8.39414	7.49348	2.06E-01	0.0175	0.00013	0.02396	0.24726	2.72E-01	0.023144	0.000103	0.014874	3.10E-01	0.315123	0.023393	7.59E-05	0.016408	0.355001

5670	483577.56	3854261.96	9.39048	20.45457	9.34116	7.11013	2.14E-01	0.02179	0.00014	0.02273	0.25896	2.83E-01	0.028819	0.000114	0.014113	3.26E-01	0.328338	0.02913	8.45E-05	0.015569	0.373121
5671	483656.83	3854319.19	10.07447	21.80705	9.98392	6.60634	2.30E-01	0.02323	0.00015	0.02112	0.27441	3.04E-01	0.030725	0.000122	0.013113	3.48E-01	0.352253	0.031056	9.03E-05	0.014466	0.397866
5672	483736.1	3854376.41	10.82602	22.45946	10.61847	5.90948	2.47E-01	0.02393	0.00016	0.01889	0.29004	3.27E-01	0.031644	0.00013	0.01173	3.70E-01	0.378531	0.031986	9.61E-05	0.01294	0.423553
5673	483815.37	3854433.64	11.69124	21.73088	11.36609	5.14752	2.67E-01	0.02315	0.00017	0.01646	0.30658	3.53E-01	0.030617	0.000139	0.010217	3.94E-01	0.408784	0.030948	0.000103	0.011271	0.451106
5674	483894.63	3854490.87	12.55267	20.26047	12.90293	4.31676	2.86E-01	0.02158	0.00019	0.0138	0.32204	3.79E-01	0.028546	0.000158	0.008568	4.16E-01	0.438903	0.028854	0.000117	0.009452	0.477326
5675	483973.9	3854548.1	13.10484	17.98789	14.38271	3.94321	2.99E-01	0.01916	0.00022	0.01261	0.33105	3.96E-01	0.025344	0.000176	0.007827	4.29E-01	0.45821	0.025617	0.00013	0.008634	0.492592
5676	484053.17	3854605.32	14.29402	16.30497	15.6568	3.80487	3.26E-01	0.01737	0.00024	0.01216	0.35597	4.31E-01	0.022973	0.000192	0.007552	4.62E-01	0.49979	0.023221	0.000142	0.008331	0.531483
5677	484214.97	3854698.15	16.08706	14.45063	17.74818	3.40652	3.67E-01	0.01539	0.00027	0.01089	0.39367	4.86E-01	0.02036	0.000217	0.006762	5.13E-01	0.562483	0.02058	0.000161	0.007459	0.590683
5678	484297.5	3854733.74	18.79407	16.862	19.33828	3.32242	4.29E-01	0.01796	0.00029	0.01062	0.45777	5.67E-01	0.023757	0.000237	0.006595	5.98E-01	0.657134	0.024014	0.000175	0.007275	0.688597
5679	484380.03	3854769.34	20.03378	16.8106	18.77148	3.16899	4.57E-01	0.01791	0.00028	0.01013	0.48551	6.05E-01	0.023685	0.00023	0.00629	6.35E-01	0.70048	0.023941	0.00017	0.006939	0.73153
5680	484462.56	3854804.94	20.91322	20.92789	21.98446	3.80977	4.77E-01	0.0223	0.00033	0.01218	0.51206	6.31E-01	0.029486	0.000269	0.007562	6.68E-01	0.73123	0.029804	0.000199	0.008342	0.769575
5681	484545.09	3854840.53	22.97123	23.50517	22.57323	4.0797	5.24E-01	0.02504	0.00034	0.01304	0.56265	6.93E-01	0.033117	0.000276	0.008098	7.35E-01	0.803188	0.033475	0.000204	0.008933	0.8458
5682	484691.88	3854912.59	25.57526	55.31642	23.43048	5.22908	5.84E-01	0.05893	0.00035	0.01672	0.65965	7.72E-01	0.077937	0.000287	0.010379	8.60E-01	0.894238	0.078779	0.000212	0.01145	0.984678
5683	484830.81	3855012.51	24.25907	66.05261	28.63218	5.7248	5.54E-01	0.07037	0.00043	0.0183	0.64271	7.32E-01	0.093064	0.00035	0.011363	8.37E-01	0.848217	0.094069	0.000259	0.012535	0.95508
5684	484905.48	3855075.97	25.19573	54.48981	31.46167	6.99637	5.75E-01	0.05805	0.00047	0.02237	0.65588	7.60E-01	0.076773	0.000385	0.013887	8.51E-01	0.880967	0.077601	0.000285	0.01532	0.974173
5685	484980.14	3855139.44	25.35302	48.04835	32.68454	7.75396	5.79E-01	0.05119	0.00049	0.02479	0.65505	7.65E-01	0.067697	0.0004	0.015391	8.49E-01	0.886467	0.068428	0.000296	0.016979	0.972169
5686	485054.81	3855202.91	25.24582	37.43698	32.68644	8.08109	5.76E-01	0.03988	0.00049	0.02584	0.64234	7.62E-01	0.052746	0.0004	0.01604	8.31E-01	0.882719	0.053316	0.000296	0.017695	0.954025
5687	485129.48	3855266.37	24.72248	27.97941	30.60633	7.82935	5.64E-01	0.02981	0.00046	0.02503	0.61949	7.46E-01	0.039421	0.000375	0.01554	8.01E-01	0.86442	0.039847	0.000277	0.017144	0.921687
5688	485204.15	3855329.84	24.80311	24.68911	31.80196	8.67584	5.66E-01	0.0263	0.00048	0.02774	0.62055	7.49E-01	0.034785	0.000389	0.017221	8.01E-01	0.867239	0.035161	0.000288	0.018997	0.921685
5689	485278.82	3855393.31	24.46931	24.09002	31.95141	8.85633	5.58E-01	0.02566	0.00048	0.02831	0.61287	7.39E-01	0.033941	0.000391	0.017579	7.90E-01	0.855568	0.034308	0.000289	0.019392	0.909557
5690	485353.48	3855456.77	24.23878	22.86314	32.33123	9.26762	5.53E-01	0.02436	0.00049	0.02963	0.60762	7.32E-01	0.032213	0.000396	0.018395	7.83E-01	0.847508	0.03256	0.000292	0.020293	0.900654
5691	485428.15	3855520.24	23.88523	21.31727	31.37711	9.23965	5.45E-01	0.02271	0.00047	0.02954	0.5978	7.21E-01	0.030035	0.000384	0.01834	7.70E-01	0.835146	0.030359	0.000284	0.020232	0.88602
5692	485502.82	3855583.71	23.43128	19.71728	31.08025	9.2833	5.35E-01	0.02101	0.00047	0.02968	0.58587	7.07E-01	0.02778	0.00038	0.018426	7.54E-01	0.819273	0.02808	0.000281	0.020327	0.867962
5693	485577.49	3855647.17	23.51276	17.93827	32.34858	9.88772	5.37E-01	0.01911	0.00049	0.03161	0.58779	7.10E-01	0.025274	0.000396	0.019626	7.55E-01	0.822122	0.025547	0.000293	0.021651	0.869612
5694	485652.16	3855710.64	23.48974	16.09553	32.9331	10.54342	5.36E-01	0.01715	0.0005	0.03371	0.58741	7.09E-01	0.022678	0.000403	0.020928	7.53E-01	0.821317	0.022922	0.000298	0.023087	0.867624
5695	485726.83	3855774.11	23.12654	14.72569	32.48043	10.5689	5.28E-01	0.01569	0.00049	0.03379	0.57773	6.98E-01	0.020748	0.000398	0.020978	7.40E-01	0.808618	0.020972	0.000294	0.023142	0.853026
5696	485801.49	3855837.57	22.67141	13.65123	31.60071	10.1826	5.17E-01	0.01454	0.00048	0.03255	0.56495	6.84E-01	0.019234	0.000387	0.020211	7.24E-01	0.792705	0.019441	0.000286	0.022296	0.834728
5697	485876.16	3855901.04	22.26535	12.53331	31.46504	10.0666	5.08E-01	0.01335	0.00047	0.03218	0.55412	6.72E-01	0.017659	0.000385	0.019981	7.10E-01	0.778507	0.017849	0.000285	0.022042	0.818683
5698	485950.83	3855964.5	21.75	12.34392	30.82966	9.68237	4.96E-01	0.01315	0.00046	0.03095	0.54092	6.56E-01	0.017392	0.000377	0.019218	6.93E-01	0.760488	0.01758	0.000279	0.021201	0.799547
5699	486025.5	3856027.97	21.06638	13.12102	29.71515	8.9702	4.81E-01	0.01398	0.00045	0.02868	0.52386	6.36E-01	0.018487	0.000364	0.017805	6.72E-01	0.736585	0.018686	0.000269	0.019642	0.775182
5700	486100.17	3856091.44	21.4967	12.95748	32.34684	9.61932	4.91E-01	0.0138	0.00049	0.03075	0.53562	6.49E-01	0.018256	0.000396	0.019093	6.87E-01	0.751631	0.018453	0.000293	0.021063	0.79144
5701	486174.83	3856154.9	21.20025	13.49527	30.20718	8.68277	4.84E-01	0.01438	0.00046	0.02776	0.5264	6.40E-01	0.019014	0.00037	0.017234	6.76E-01	0.741266	0.019219	0.000273	0.019012	0.77977
5702	486249.5	3856218.37	20.82557	13.49969	26.62773	7.38851	4.75E-01	0.01438	0.0004	0.02362	0.51366	6.29E-01	0.01902	0.000326	0.014665	6.63E-01	0.728165	0.019226	0.000241	0.016178	0.76381
5703	486324.17	3856281.84	20.32907	13.80123	25.14384	7.02065	4.64E-01	0.0147	0.00038	0.02245	0.50145	6.14E-01	0.019445	0.000308	0.013935	6.47E-01	0.710805	0.019655	0.000227	0.015373	0.74606
5704	486398.84	3856345.3	20.86736	14.57451	28.5222	7.15175	4.76E-01	0.01553	0.00043	0.02286	0.51503	6.30E-01	0.020535	0.000349	0.014195	6.65E-01	0.729626	0.020756	0.000258	0.01566	0.7663
5705	486473.51	3856408.77	21.01132	15.01209	29.83275	7.15447	4.79E-01	0.01599	0.00045	0.02287	0.51881	6.34E-01	0.021151	0.000365	0.014201	6.70E-01	0.73466	0.021379	0.00027	0.015666	0.771975
5706	486548.17	3856472.24	21.25995	16.41676	31.82259	7.3071	4.85E-01	0.01749	0.00048	0.02336	0.5265	6.42E-01	0.02313	0.000389	0.014504	6.80E-01	0.743353	0.02338	0.000288	0.016	0.783021
5707	486622.84	3856535.7	21.6003	18.19014	32.86909	7.47468	4.93E-01	0.01938	0.0005	0.0239	0.53671	6.52E-01	0.025629	0.000402	0.014836	6.93E-01	0.755253	0.025905	0.000297	0.016367	0.797823
5708	486765.48	3856659.69	21.84315	22.98859	32.91006	8.34042	4.98E-01	0.02449	0.0005	0.02666	0.55013	6.59E-01	0.032389	0.000403	0.016555	7.09E-01	0.763745	0.032739	0.000298	0.018263	0.815044
5709	486833.44	3856720.2	22.04818	24.58502	33.12025	8.86054	5.03E-01	0.02619	0.0005	0.02833	0.55818	6.65E-01	0.034639	0.000405	0.017587	7.18E-01	0.770913	0.035013	0.0003	0.019402	0.825627
5710	486901.41	3856780.72	21.82214	26.79911	32.66038	9.63204	4.98E-01	0.02855	0.00049	0.03079	0.55784	6.59E-01	0.037758	0.0004	0.019119	7.16E-01	0.76301	0.038166	0.000295	0.021091	0.822562
5711	486969.38	3856841.24	21.58773	29.67581	32.38996	10.29702	4.93E-01	0.03161	0.00049	0.03292	0.55767	6.52E-01	0.041811	0.000396	0.020439	7.14E-01	0.754814	0.042263	0.000293	0.022547	0.819917
5712	487037.34	3856901.75	21.41804	41.14369	32.26714	10.95514	4.89E-01	0.04383	0.00049	0.03502	0.56812	6.46E-01	0.057969	0.000395	0.021745	7.27E-01	0.748881	0.058595	0.000292	0.023988	0.831755
5713	487271.23	3856855.51	15.50404	26.24284	21.9252	8.78802	3.54E-01	0.02796	0.00033	0.0281	0.4102	4.68E-01	0.036974	0.000268	0.017443	5.23E-01	0.542098	0.037374	0.000198	0.019243	0.598913
5714	487368.96	3856857.29	13.85863	18.25405	20.00649	7.76806	3.16E-01	0.01945	0.0003	0.02483	0.36085	4.18E-01	0.025719	0.000245	0.015419	4.60E-01	0.484566	0.025996	0.000181	0.017009	0.527753
5715	487466.68	3856859.06	12.25116	21.74446	18.43143	7.56675	2.80E-01	0.02317	0.00028	0.02419	0.32722	3.70E-01	0.030637	0.000226	0.015019	4.16E-01	0.428361	0.030967	0.000167	0.016569	0.476064
5716	487636.44	3856930	10.40759	27.69335	15.80718	7.80947	2.38E-01	0.0295	0.00024	0.02497	0.29222	3.14E-01	0.039018	0.000193	0.015501	3.69E-01	0.363901	0.039439	0.000143	0.0171	0.420583
5717	487709.57	3856928.43	9.81816	25.24502	14.46854	7.68122	2.24E-01	0.02689	0.00022	0.02456	0.27573	2.96E-01	0.035569	0.000177	0.015246	3.47E-01	0.343291	0.035953	0.000131	0.016819	0.396194
5718	487782.55	3856841.96	9.21929	21.95625	13.93413	6.9955	2.10E-01	0.02339	0.00021	0.02236	0.25636	2.78E-01	0.030935	0.000171	0.013885	3.23E-01	0.322352	0.031269	0.000126	0.015318	0.369065
5719	487849.83	3856754.74	8.87872	18.61534	13.27736	6.66024	2.03E-01	0.01983	0.0002	0.02129	0.24394	2.68E-01	0.026228	0.000163	0.01322	3.08E-01	0.310444	0.026511	0.00012	0.014584	0.351659
5720	487918.03	3856819.39	8.44048	17.95252	12.3104	7.26122	1.93E-01	0.01913	0.00019	0.02321	0.23514	2.55E-01	0.025294	0.000151	0.014413	2.95E-01	0.295121	0.025567	0.000111	0.0159	0.336699
5721	487918.8	3856886.37	8.50668	19.23417	11.91461	7.69824	1.94E-01	0.02049	0.00018	0.02461	0.23941	2.57E-01	0.0271	0.000146	0.01528	2.99E-01	0.297436	0.027392	0.000108	0.016857	0.341792
5722	488065.47	3857127.51	7.54023	37.75684	10.77844	8.85204	1.72E-01	0.04022	0.00016	0.0283	0.24076	2.28E-01	0.053197	0.000132	0.01757	2.98E-01	0.263644	0.053771	9.75E-05	0.019383	0.336895
5723	488192.19	3857385.84	7.04208	32.28638	9.03572	11.29863	1.61E-01	0.0344	0.00014	0.03612	0.23136	2.13E-01	0.045489	0.000111	0.022427	2.81E-01	0.246226	0.045981	8.17E-05	0.02474	0.317028
5724	488191.22	3857473.87	7.19479	27.59759	10.02869	12.432	1.64E-01	0.0294	0.00015	0.03975	0.23349	2.17E-01	0.038883	0.000123	0.024676	2.81E-01	0.251565	0.039303	9.07E-05	0.027222	0.318181
5725	488190.24	3857561.91	7.46452	25.25335	10.86459	13.72509	1.70E-01	0.0269	0.00016	0.04388	0.24129	2.25E-01	0.03558	0.000133	0.027243	2.88E-01	0.260997	0.035964	9.83E-05	0.030053	0.327113
5726	488158.35	3857691.13	7.88426	18.34212	11.38674	15.87986	1.80E-01	0.01954	0.00017	0.05077	0.25041	2.38E-01	0.025843	0.000139	0.03152	2.95E-01	0.275673	0.026122	0.000103	0.034772	0.336669
5727	488208.37	3857816.66	7.61066	20.5868	10.28159	17.95267	1.74E-01	0.02193	0.00015	0.0574	0.25316	2.30E-01	0.029005	0.000126	0.035634	2.94E-01	0.266106	0.029319	9.3E-05	0.03931	0.334828
5728	488271.97	3857874.6	6.83107	19.34889	9.08643	18.82632	1.56E-01	0.02061	0.00014	0.06019	0.23683	2.06E-01	0.027261	0.000111	0.037368	2.71E-01	0.238848	0.027556	8.22E-05	0.041223	0.307709
5729	488463.56	3857942.31	5.93076	16.01905	8.24159	16.55424	1.35E-01	0.01707	0.00012	0.05292	0.20546	1.79E-01	0.02257	0.000101	0.032858	2.35E-01	0.207369	0.022813	7.46E-05	0.036248	0.266505
5730	488554.83	3857940.83	5.68846	14.30639	8.35168	15.15414	1.30E-01	0.01524	0.00013	0.04845	0.19363	1.72E-01	0.020157	0.000102	0.030079	2.22E-01	0.198897	0.020374	7.56E-05	0.033183	0.252529

5731	488646.1	3857939.36	5.51247	12.77705	8.25545	13.90242	1.26E-01	0.01361	0.00012	0.04445	0.18398	1.66E-01	0.018002	0.000101	0.027595	2.12E-01	0.192743	0.018196	7.47E-05	0.030442	0.241456
5732	488737.37	3857937.88	5.36005	11.05635	8.04818	12.77183	1.22E-01	0.01178	0.00012	0.04083	0.17505	1.62E-01	0.015578	9.85E-05	0.025351	2.03E-01	0.187414	0.015746	7.28E-05	0.027966	0.231199
5733	488733.59	3857960.57	5.37274	11.71542	7.99105	12.89301	1.23E-01	0.01248	0.00012	0.04122	0.17643	1.62E-01	0.016506	9.78E-05	0.025591	2.04E-01	0.187858	0.016684	7.23E-05	0.028231	0.232846
5734	488638.09	3857961.57	5.53717	13.25671	8.12231	14.13069	1.26E-01	0.01412	0.00012	0.04518	0.18578	1.67E-01	0.018678	9.94E-05	0.028048	2.14E-01	0.193607	0.018879	7.35E-05	0.030941	0.243501
5735	488542.6	3857962.56	5.73555	14.83814	8.0797	15.5536	1.31E-01	0.01581	0.00012	0.04973	0.19654	1.73E-01	0.020906	9.89E-05	0.030872	2.25E-01	0.200543	0.021132	7.31E-05	0.034057	0.255805
5736	488447.1	3857963.56	6.04237	16.23752	7.74963	17.14906	1.38E-01	0.0173	0.00012	0.05483	0.21013	1.82E-01	0.022878	9.48E-05	0.034039	2.39E-01	0.211271	0.023125	7.01E-05	0.037551	0.272017
5737	488254.28	3857890.36	7.11731	19.37948	8.45979	19.45675	1.62E-01	0.02065	0.00013	0.0622	0.2454	2.15E-01	0.027304	0.000104	0.03862	2.81E-01	0.248856	0.027599	7.65E-05	0.042604	0.319136
5738	488191.69	3857833.06	7.53275	21.0832	9.93384	18.34693	1.72E-01	0.02246	0.00015	0.05866	0.25317	2.27E-01	0.029705	0.000122	0.036417	2.94E-01	0.263382	0.030026	8.99E-05	0.040174	0.333671
5739	488129.5	3857907.43	8.46982	18.57455	9.95269	22.9418	1.93E-01	0.01979	0.00015	0.07335	0.28657	2.56E-01	0.02617	0.000122	0.045537	3.27E-01	0.296147	0.026453	9E-05	0.050235	0.372925
5740	488196.47	3857968.74	8.18307	16.38689	9.22803	23.82249	1.87E-01	0.01746	0.00014	0.07616	0.2805	2.47E-01	0.023088	0.000113	0.047285	3.17E-01	0.286121	0.023337	8.35E-05	0.052163	0.361705
5741	488263.44	3858030.04	7.86573	14.34862	8.61155	22.48943	1.80E-01	0.01529	0.00013	0.0719	0.26682	2.37E-01	0.020216	0.000105	0.044639	3.02E-01	0.275025	0.020435	7.79E-05	0.049244	0.344782
5742	488400.64	3858132.9	6.99798	12.07616	7.64954	18.36464	1.60E-01	0.01287	0.00012	0.05871	0.23139	2.11E-01	0.017015	9.36E-05	0.036452	2.65E-01	0.244684	0.017198	6.92E-05	0.040212	0.302164
5743	488519.89	3858218.38	6.36497	10.30886	6.89083	16.16594	1.45E-01	0.01098	0.0001	0.05168	0.20802	1.92E-01	0.014525	8.43E-05	0.032088	2.39E-01	0.222551	0.014681	6.23E-05	0.035398	0.272692
5744	488647.97	3858214.99	5.57458	11.41635	5.93189	14.74293	1.27E-01	0.01216	8.9E-05	0.04713	0.1866	1.68E-01	0.016085	7.26E-05	0.029263	2.14E-01	0.194915	0.016259	5.37E-05	0.032282	0.243509
5745	488727.05	3858167.67	5.46666	12.04429	5.31761	13.02114	1.25E-01	0.01283	8E-05	0.04163	0.17929	1.65E-01	0.01697	6.51E-05	0.025846	2.08E-01	0.191141	0.017153	4.81E-05	0.028512	0.236854
5746	488806.12	3858120.35	5.3133	12.19712	6.52647	11.3712	1.21E-01	0.01299	9.8E-05	0.03635	0.1707	1.60E-01	0.017185	7.99E-05	0.022571	2.00E-01	0.185779	0.01737	5.9E-05	0.024899	0.228108
5747	488885.2	3858073.03	5.15442	11.24688	7.16593	10.08251	1.18E-01	0.01198	0.00011	0.03223	0.16195	1.56E-01	0.015846	8.77E-05	0.020013	1.92E-01	0.180224	0.016017	6.48E-05	0.022077	0.218383
5748	489055.76	3857991.18	4.86865	8.55351	7.06369	9.48053	1.11E-01	0.00911	0.00011	0.03031	0.15063	1.47E-01	0.012051	8.65E-05	0.018818	1.78E-01	0.170232	0.012181	6.39E-05	0.020759	0.203237
5749	489245.39	3857944.55	4.51768	8.79976	6.23601	8.23924	1.03E-01	0.00937	9.4E-05	0.02634	0.13891	1.36E-01	0.012398	7.63E-05	0.016354	1.65E-01	0.15796	0.012532	5.64E-05	0.018041	0.18859
5750	489430.63	3857930.91	4.11488	9.58066	5.40599	7.3743	9.39E-02	0.01021	8.1E-05	0.02358	0.12777	1.24E-01	0.013499	6.62E-05	0.014637	1.52E-01	0.143877	0.013644	4.89E-05	0.016147	0.173717
5751	489517.74	3857929.36	3.99797	9.76062	5.05731	7.05609	9.12E-02	0.0104	7.6E-05	0.02256	0.12427	1.21E-01	0.013752	6.19E-05	0.014006	1.48E-01	0.139789	0.013901	4.58E-05	0.01545	0.169186
5752	489604.86	3857927.82	3.90015	9.83514	4.79075	6.75003	8.90E-02	0.01048	7.2E-05	0.02158	0.12113	1.18E-01	0.013857	5.86E-05	0.013398	1.45E-01	0.136369	0.014007	4.33E-05	0.01478	0.165199
5753	489691.97	3857926.28	3.78561	9.76258	4.56286	6.50662	8.64E-02	0.0104	6.9E-05	0.0208	0.11766	1.14E-01	0.013755	5.58E-05	0.012915	1.41E-01	0.132364	0.013903	4.13E-05	0.014247	0.160556
5754	489779.08	3857924.73	3.66484	9.60156	4.33611	6.2714	8.36E-02	0.01023	6.5E-05	0.02005	0.11398	1.11E-01	0.013528	5.31E-05	0.012448	1.37E-01	0.128141	0.013674	3.92E-05	0.013732	0.155586
5755	490017.55	3857875.09	3.38137	8.43485	3.83598	5.67524	7.72E-02	0.00899	5.8E-05	0.01814	0.10435	1.02E-01	0.011884	4.69E-05	0.011265	1.25E-01	0.118229	0.012012	3.47E-05	0.012427	0.142703
5756	490033.82	3857960.81	3.32586	8.73484	3.82079	5.68493	7.59E-02	0.00931	5.8E-05	0.01817	0.10344	1.00E-01	0.012307	4.68E-05	0.011284	1.24E-01	0.116289	0.01244	3.46E-05	0.012448	0.141211
5757	489959.15	3857987.49	3.4481	8.697	4.08386	5.85085	7.87E-02	0.00927	6.2E-05	0.01871	0.10672	1.04E-01	0.012254	5E-05	0.011613	1.28E-01	0.120563	0.012386	3.69E-05	0.012811	0.145797
5758	489791.49	3858016.12	3.68399	8.29767	4.59916	6.047	8.41E-02	0.00884	6.9E-05	0.01933	0.11231	1.11E-01	0.011691	5.63E-05	0.012003	1.35E-01	0.128811	0.011817	4.16E-05	0.013241	0.15391
5759	489698.51	3858018.07	3.78198	8.02711	4.84912	6.28359	8.63E-02	0.00855	7.3E-05	0.02009	0.11502	1.14E-01	0.01131	5.93E-05	0.012472	1.38E-01	0.132237	0.011432	4.39E-05	0.013759	0.157471
5760	489605.52	3858020.02	3.9333	7.63786	5.18884	6.60732	8.98E-02	0.00814	7.8E-05	0.02112	0.1191	1.19E-01	0.010761	6.35E-05	0.013115	1.43E-01	0.137528	0.010877	4.69E-05	0.014468	0.16292
5761	489512.53	3858021.96	4.1131	7.65601	5.53625	6.97667	9.39E-02	0.00816	8.3E-05	0.0223	0.12441	1.24E-01	0.010787	6.78E-05	0.013848	1.49E-01	0.143814	0.010903	5.01E-05	0.015277	0.170044
5762	489419.55	3858023.91	4.28148	7.7774	5.87694	7.36399	9.77E-02	0.00829	8.9E-05	0.02354	0.12962	1.29E-01	0.010958	7.19E-05	0.014617	1.55E-01	0.149702	0.011076	5.32E-05	0.016125	0.176956
5763	489228.47	3858041.29	4.65473	7.82705	6.63884	8.11358	1.06E-01	0.00834	0.0001	0.02594	0.1406	1.40E-01	0.011028	8.13E-05	0.016105	1.68E-01	0.162752	0.011147	6.01E-05	0.017766	0.191725
5764	489065.75	3858085.78	4.90452	9.41857	6.99102	8.8205	1.12E-01	0.01003	0.00011	0.0282	0.15026	1.48E-01	0.01327	8.56E-05	0.017508	1.79E-01	0.171486	0.013413	6.32E-05	0.019314	0.204277
5765	489001.12	3858114.86	5.00998	10.52285	6.91358	9.474	1.14E-01	0.01121	0.0001	0.03029	0.15594	1.51E-01	0.014826	8.46E-05	0.018805	1.85E-01	0.175174	0.014986	6.25E-05	0.020745	0.210967
5766	488861.89	3858189.81	5.26846	11.5955	5.81171	11.57216	1.20E-01	0.01235	8.8E-05	0.037	0.16967	1.59E-01	0.016337	7.11E-05	0.02297	1.98E-01	0.184211	0.016514	5.26E-05	0.025339	0.226117
5767	488787.29	3858235.69	5.32466	11.43488	5.27817	13.01675	1.22E-01	0.01218	8E-05	0.04161	0.17539	1.61E-01	0.016111	6.46E-05	0.025837	2.03E-01	0.186176	0.016285	4.77E-05	0.028502	0.231011
5768	488712.68	3858281.57	5.45902	10.25045	5.89962	13.85474	1.25E-01	0.01092	8.9E-05	0.04429	0.17988	1.65E-01	0.014442	7.22E-05	0.0275	2.07E-01	0.190874	0.014598	5.34E-05	0.030337	0.235863
5769	488654.39	3858436.17	6.7121	9.7527	5.85734	15.13627	1.53E-01	0.01039	8.8E-05	0.04839	0.21204	2.03E-01	0.013741	7.17E-05	0.030044	2.46E-01	0.234688	0.013889	5.3E-05	0.033143	0.281774
5770	488726.31	3858505.26	6.66351	9.27909	5.58902	13.95097	1.52E-01	0.00989	8.4E-05	0.0446	0.20664	2.01E-01	0.013074	6.84E-05	0.027691	2.42E-01	0.232989	0.013215	5.06E-05	0.030548	0.276803
5771	488880.6	3858599.28	6.23529	8.24614	5.08679	11.52395	1.42E-01	0.00878	7.7E-05	0.03684	0.188	1.88E-01	0.011618	6.23E-05	0.022874	2.23E-01	0.218017	0.011744	4.6E-05	0.025234	0.25504
5772	489008.06	3858714.75	6.11973	7.65691	4.68676	10.39423	1.40E-01	0.00816	7.1E-05	0.03323	0.18112	1.85E-01	0.010788	5.74E-05	0.020631	2.16E-01	0.213976	0.010905	4.24E-05	0.02276	0.247683
5773	489071.48	3858772.72	6.05674	7.38335	4.53543	9.96976	1.38E-01	0.00787	6.8E-05	0.03187	0.17803	1.83E-01	0.010403	5.55E-05	0.019789	2.13E-01	0.211774	0.010515	4.1E-05	0.02183	0.24416
5774	489244.6	3858920.2	5.34347	6.70078	4.13825	8.91468	1.22E-01	0.00714	6.2E-05	0.0285	0.15764	1.61E-01	0.009441	5.06E-05	0.017695	1.88E-01	0.186834	0.009543	3.74E-05	0.01952	0.215935
5775	489239.69	3858952.23	5.64552	6.78254	4.16008	8.8839	1.29E-01	0.00723	6.3E-05	0.0284	0.16453	1.70E-01	0.009556	5.09E-05	0.017634	1.98E-01	0.197395	0.009659	3.76E-05	0.019453	0.226545
5776	489121.67	3858854.49	5.89847	7.26124	4.43335	9.69949	1.35E-01	0.00774	6.7E-05	0.03101	0.17342	1.78E-01	0.010231	5.43E-05	0.019252	2.08E-01	0.20624	0.010341	4.01E-05	0.021239	0.237859
5777	489059.59	3858797.27	6.24973	7.50942	4.58676	10.15558	1.43E-01	0.008	6.9E-05	0.03247	0.18316	1.89E-01	0.01058	5.61E-05	0.020158	2.19E-01	0.218521	0.010695	4.15E-05	0.022237	0.251495
5778	488997.52	3858740.04	6.34675	7.78287	4.75318	10.66253	1.45E-01	0.00829	7.2E-05	0.03409	0.18729	1.92E-01	0.010966	5.82E-05	0.021164	2.24E-01	0.221914	0.011084	4.3E-05	0.023347	0.256388
5779	488935.44	3858682.82	6.39246	8.05241	4.91764	11.23463	1.46E-01	0.00858	7.4E-05	0.03592	0.19045	1.93E-01	0.011345	6.02E-05	0.0223	2.27E-01	0.223512	0.011468	4.45E-05	0.0246	0.259624
5780	488869.17	3858848.43	12.68445	8.82994	4.87866	12.48342	2.89E-01	0.00941	7.4E-05	0.03991	0.33886	3.83E-01	0.012441	5.97E-05	0.024778	4.20E-01	0.443511	0.012575	4.41E-05	0.027335	0.483465
5781	488932.48	3858892.69	11.1942	8.452	4.71363	11.79802	2.55E-01	0.009	7.1E-05	0.03772	0.30225	3.38E-01	0.011908	5.77E-05	0.023418	3.73E-01	0.391405	0.012037	4.26E-05	0.025834	0.429318
5782	489063.27	3858977.17	7.99211	7.80273	4.42992	10.5795	1.82E-01	0.00831	6.7E-05	0.03382	0.22459	2.41E-01	0.010994	5.42E-05	0.020999	2.73E-01	0.279444	0.011112	4.01E-05	0.023166	0.313762
5783	489248.2	3859117.15	5.90011	6.97386	4.02963	9.14781	1.35E-01	0.00743	6.1E-05	0.02925	0.17138	1.78E-01	0.009826	4.93E-05	0.018157	2.06E-01	0.206297	0.009932	3.65E-05	0.020031	0.236296
5784	489296.25	3859049.22	5.56387	6.69217	4.01964	8.74805	1.27E-01	0.00713	6.1E-05	0.02797	0.16213	1.68E-01	0.009429	4.92E-05	0.017364	1.95E-01	0.19454	0.009531	3.64E-05	0.019155	0.223263
5785	489353.38	3858993.97	5.01531	6.37338	3.93296	8.38399	1.14E-01	0.00679	5.9E-05	0.0268	0.14811	1.51E-01	0.00898	4.81E-05	0.016641	1.77E-01	0.17536	0.009077	3.56E-05	0.018358	0.20283
5786	489537.25	3859120.22	4.3447	5.88186	3.70954	7.59631	9.91E-02	0.00627	5.6E-05	0.02429	0.12976	1.31E-01	0.008287	4.54E-05	0.015078	1.55E-01	0.151912	0.008377	3.36E-05	0.016633	0.176956
5787	489726.98	3859246.04	3.7439	5.41159	3.4936	6.91177	8.54E-02	0.00577	5.3E-05	0.0221	0.11335	1.13E-01	0.007625	4.28E-05	0.013719	1.34E-01	0.130905	0.007707	3.16E-05	0.015134	0.153778
5788	489911.46	3859366.33	3.3028	5.0332	3.31418	6.33039	7.54E-02	0.00536	5E-05	0.02024	0.10102	9.97E-02	0.007091	4.06E-05	0.012565	1.19E-01	0.115482	0.007168	3E-05	0.013861	0.136542
5789	490035.3	3859430.26	3.02886	4.73885	3.20338	5.96111	6.91E-02	0.00505	4.8E-05	0.01906	0.09328	9.14E-02	0.006677	3.92E-05	0.011832	1.10E-01	0.105904	0.006749	2.9E-05	0.013053	0.125735
5790	490101.11	3859458.61	2.90081	4.59911	3.16125	5.75098	6.62E-02	0.0049	4.8E-05	0.01839	0.08953	8.75E-02	0.00648	3.87E-05	0.011415	1.05E-01	0.101427	0.00655	2.86E-05	0.012593	0.120598
5791	490312.68	3859560.3	2.55353	4.15218	2.97995	5.10977	5.83E-02	0.00442	4.5E-05	0.01634	0.07908	7.71E-02	0.00585	3.65E-05	0.010142	9.31E-02	0.089284	0.005913	2.7E-05	0.011189	0.106413

5792	490401.63	3859603.12	2.45253	3.97486	2.90038	4.85146		5.60E-02	0.00423	4.4E-05	0.01551	0.07576		7.40E-02	0.0056	3.55E-05	0.00963	8.93E-02		0.085753	0.005661	2.62E-05	0.010623	0.102063	
5793	490490.57	3859645.94	2.3576	3.80405	2.81951	4.60017		5.38E-02	0.00405	4.2E-05	0.01471	0.0726		7.12E-02	0.00536	3.45E-05	0.009131	8.57E-02		0.082433	0.005418	2.55E-05	0.010073	0.097949	
5794	490579.51	3859688.76	2.27001	3.64372	2.7404	4.35829		5.18E-02	0.00388	4.1E-05	0.01393	0.06966		6.85E-02	0.005134	3.35E-05	0.008651	8.23E-02		0.079371	0.005189	2.48E-05	0.009543	0.094128	
5795	490668.45	3859731.58	2.18139	3.499	2.66691	4.12306		4.98E-02	0.00373	4E-05	0.01318	0.06673		6.58E-02	0.00493	3.26E-05	0.008184	7.90E-02		0.076272	0.004983	2.41E-05	0.009028	0.090308	
5796	490757.4	3859774.4	2.097	3.32457	2.57031	3.90195		4.79E-02	0.00354	3.9E-05	0.01247	0.06391		6.33E-02	0.004684	3.15E-05	0.007745	7.57E-02		0.073321	0.004735	2.33E-05	0.008544	0.086623	
5797	491003.53	3859861.82	1.90089	2.78157	2.27144	3.23924		4.34E-02	0.00296	3.4E-05	0.01036	0.05673		5.74E-02	0.003919	2.78E-05	0.00643	6.77E-02		0.066465	0.003961	2.05E-05	0.007093	0.077539	
5798	491081.41	3859879.05	1.85306	2.64473	2.15289	3.14276		4.23E-02	0.00282	3.2E-05	0.01005	0.05519		5.59E-02	0.003726	2.63E-05	0.006238	6.59E-02		0.064792	0.003766	1.95E-05	0.006882	0.07546	
5799	491229.76	3859917.82	1.86703	2.47863	2.09295	2.93614		4.26E-02	0.00264	3.2E-05	0.00939	0.05467		5.63E-02	0.003492	2.56E-05	0.005828	6.57E-02		0.065281	0.00353	1.89E-05	0.006429	0.075259	
5800	491300.22	3859939.35	1.86795	2.49575	2.04976	2.96138		4.26E-02	0.00266	3.1E-05	0.00947	0.05479		5.64E-02	0.003516	2.51E-05	0.005878	6.58E-02		0.065313	0.003554	1.85E-05	0.006484	0.07537	
5801	491350.49	3860012.03	1.70482	2.35547	1.97665	2.84879		3.89E-02	0.00251	3E-05	0.00911	0.05055		5.15E-02	0.003319	2.42E-05	0.005655	6.05E-02		0.059609	0.003355	1.79E-05	0.006238	0.069219	
5802	491406.82	3860092.57	1.66514	2.31622	1.90179	2.83432		3.80E-02	0.00247	2.9E-05	0.00906	0.04956		5.03E-02	0.003263	2.33E-05	0.005626	5.92E-02		0.058222	0.003299	1.72E-05	0.006206	0.067744	
5803	491483.37	3860121.96	1.62898	2.26244	1.87769	2.75707		3.72E-02	0.00241	2.8E-05	0.00881	0.04843		4.92E-02	0.003188	2.3E-05	0.005472	5.78E-02		0.056957	0.003222	1.7E-05	0.006037	0.066233	
5804	491559.91	3860151.36	1.58996	2.2031	1.84759	2.67696		3.63E-02	0.00235	2.8E-05	0.00856	0.04722		4.80E-02	0.003104	2.26E-05	0.005313	5.64E-02		0.055593	0.003138	1.67E-05	0.005862	0.064609	
5805	491711.81	3860237.76	1.58102	2.19492	1.84158	2.56409		3.61E-02	0.00234	2.8E-05	0.0082	0.04664		4.77E-02	0.003093	2.25E-05	0.005089	5.59E-02		0.05528	0.003126	1.67E-05	0.005615	0.064037	
5806	491755.2	3860319.07	1.51651	2.07173	1.70805	2.54569		3.46E-02	0.00221	2.6E-05	0.00814	0.04498		4.58E-02	0.002919	2.09E-05	0.005053	5.38E-02		0.053025	0.00295	1.55E-05	0.005574	0.061565	
5807	491704.71	3860366.54	1.5495	2.22652	1.7873	2.64302		3.54E-02	0.00237	2.7E-05	0.00845	0.04621		4.68E-02	0.003137	2.19E-05	0.005246	5.52E-02		0.054178	0.003171	1.62E-05	0.005787	0.063153	
5808	491623.43	3860462.39	1.66867	2.57106	1.90266	3.1608		3.81E-02	0.00274	2.9E-05	0.01011	0.05095		5.04E-02	0.003622	2.33E-05	0.006274	6.03E-02		0.058345	0.003662	1.72E-05	0.006921	0.068945	
5809	491534.02	3860439.85	1.81916	2.82229	2.03276	3.37723		4.15E-02	0.00301	3.1E-05	0.0108	0.05535		5.49E-02	0.003976	2.49E-05	0.006703	6.56E-02		0.063607	0.004019	1.84E-05	0.007395	0.07504	
5810	491313.95	3860268.18	1.82175	2.82805	2.06677	3.52355		4.16E-02	0.00301	3.1E-05	0.01126	0.05588		5.50E-02	0.003985	2.53E-05	0.006994	6.60E-02		0.063697	0.004028	1.87E-05	0.007715	0.075459	
5811	491187.12	3860143.56	1.8743	2.93038	2.18118	3.6072		4.28E-02	0.00312	3.3E-05	0.01153	0.05746		5.66E-02	0.004129	2.67E-05	0.00716	6.79E-02		0.065535	0.004173	1.97E-05	0.007899	0.077626	
5812	491070.43	3860075.97	1.96925	3.09533	2.28049	3.80566		4.49E-02	0.0033	3.4E-05	0.01217	0.06044		5.94E-02	0.004361	2.79E-05	0.007554	7.14E-02		0.068855	0.004408	2.06E-05	0.008333	0.081617	
5813	490995.09	3860039.39	2.03574	3.20812	2.33771	3.9539		4.65E-02	0.00342	3.5E-05	0.01264	0.06255		6.14E-02	0.00452	2.86E-05	0.007848	7.38E-02		0.07118	0.004569	2.11E-05	0.008658	0.084427	
5814	490919.75	3860002.8	2.10542	3.3238	2.39509	4.10517		4.80E-02	0.00354	3.6E-05	0.01312	0.06475		6.35E-02	0.004683	2.93E-05	0.008148	7.64E-02		0.073616	0.004734	2.17E-05	0.008989	0.08736	
5815	490756.81	3859894.53	2.24304	3.57317	2.55198	4.37791		5.12E-02	0.00381	3.8E-05	0.014	0.06903		6.77E-02	0.005034	3.12E-05	0.00869	8.15E-02		0.078428	0.005089	2.31E-05	0.009586	0.093126	
5816	490668.07	3859860.92	2.32934	3.70042	2.59207	4.58729		5.32E-02	0.00394	3.9E-05	0.01467	0.0718		7.03E-02	0.005214	3.17E-05	0.009105	8.47E-02		0.081445	0.00527	2.34E-05	0.010045	0.096783	
5817	490579.34	3859827.3	2.42753	3.83739	2.63346	4.78845		5.54E-02	0.00409	4E-05	0.01531	0.07483		7.33E-02	0.005407	3.22E-05	0.009505	8.82E-02		0.084878	0.005465	2.38E-05	0.010485	0.100852	
5818	490490.6	3859793.68	2.5173	3.94113	2.65164	4.97219		5.74E-02	0.0042	4E-05	0.0159	0.07758		7.60E-02	0.005553	3.25E-05	0.009869	9.14E-02		0.088017	0.005613	2.4E-05	0.010887	0.104541	
5819	490401.86	3859760.07	2.61194	4.0343	2.66057	5.13626		5.96E-02	0.0043	4E-05	0.01642	0.08037		7.88E-02	0.005684	3.26E-05	0.010195	9.47E-02		0.091326	0.005745	2.41E-05	0.011247	0.108343	
5820	490313.12	3859726.45	2.71691	4.12371	2.66438	5.27784		6.20E-02	0.00439	4E-05	0.01687	0.08331		8.20E-02	0.00581	3.26E-05	0.010476	9.83E-02		0.094997	0.005873	2.41E-05	0.011557	0.11245	
5821	490224.39	3859692.83	2.82875	4.19974	2.65781	5.38942		6.46E-02	0.00447	4E-05	0.01723	0.0863		8.54E-02	0.005917	3.25E-05	0.010697	1.02E-01		0.098907	0.005981	2.4E-05	0.011801	0.116713	
5822	490135.65	3859659.22	2.94917	4.26173	2.67958	5.46355		6.73E-02	0.00454	4E-05	0.01747	0.08935		8.90E-02	0.006005	3.28E-05	0.010845	1.06E-01		0.103118	0.006069	2.42E-05	0.011963	0.121174	
5823	489918.19	3859559.23	3.33725	4.80499	3.03169	5.98666		7.62E-02	0.00512	4.6E-05	0.01914	0.10046		1.01E-01	0.00677	3.71E-05	0.011883	1.19E-01		0.116687	0.006843	2.74E-05	0.013109	0.136666	
5824	489743.61	3859486	3.79597	5.27562	3.31417	6.6178		8.66E-02	0.00562	5E-05	0.02116	0.11345		1.15E-01	0.007433	4.06E-05	0.013136	1.35E-01		0.132726	0.007513	3E-05	0.014491	0.15476	
5825	489660.32	3859440.27	4.04096	5.50334	3.40021	6.94246		9.22E-02	0.00586	5.1E-05	0.0222	0.12033		1.22E-01	0.007754	4.16E-05	0.01378	1.44E-01		0.141292	0.007838	3.08E-05	0.015202	0.164362	
5826	489577.04	3859394.53	4.32279	5.74567	3.47145	7.28666		9.86E-02	0.00612	5.2E-05	0.0233	0.12812		1.30E-01	0.008095	4.25E-05	0.014463	1.53E-01		0.151146	0.008183	3.14E-05	0.015955	0.175316	
5827	489493.75	3859348.8	4.64516	5.99034	3.51962	7.65219		1.06E-01	0.00638	5.3E-05	0.02446	0.13691		1.40E-01	0.00844	4.31E-05	0.015189	1.64E-01		0.162418	0.008531	3.18E-05	0.016756	0.187736	
5828	489321.28	3859240.02	5.50245	6.56883	3.7789	8.52613		1.26E-01	0.007	5.7E-05	0.02726	0.15988		1.66E-01	0.009255	4.63E-05	0.016923	1.92E-01		0.192393	0.009355	3.42E-05	0.018669	0.220451	
5829	489235.41	3859193.96	6.11598	6.89408	3.96459	9.11346		1.40E-01	0.00734	6E-05	0.02914	0.17611		1.85E-01	0.009713	4.85E-05	0.018089	2.12E-01		0.213845	0.009818	3.59E-05	0.019955	0.243654	
5830	489149.54	3859147.89	6.8657	7.16071	4.22554	9.97073		1.57E-01	0.00763	6.4E-05	0.03188	0.19625		2.07E-01	0.010089	5.17E-05	0.019791	2.37E-01		0.240059	0.010198	3.82E-05	0.021833	0.272128	
5831	489063.68	3859101.82	7.81496	7.4896	4.49403	10.76538		1.78E-01	0.00798	6.8E-05	0.03442	0.22081		2.36E-01	0.010552	5.5E-05	0.021368	2.68E-01		0.27325	0.010666	4.07E-05	0.023573	0.307529	
5832	488977.81	3859055.75	8.7612	7.86347	4.74524	11.45092		2.00E-01	0.00838	7.2E-05	0.03661	0.245		2.64E-01	0.011079	5.81E-05	0.022729	2.98E-01		0.306335	0.011199	4.29E-05	0.025074	0.34265	
5833	488891.94	3859009.69	8.99824	8.19415	4.93666	11.98608		2.05E-01	0.00873	7.4E-05	0.03832	0.25247		2.72E-01	0.011545	6.04E-05	0.023791	3.07E-01		0.314623	0.01167	4.47E-05	0.026246	0.352583	
5834	488808	3859060.73	6.5599	7.79772	4.93056	10.54104		1.50E-01	0.00831	7.4E-05	0.0337	0.19178		1.98E-01	0.010986	6.03E-05	0.020923	2.30E-01		0.229367	0.011105	4.46E-05	0.023081	0.263598	
5835	488809.93	3859157.85	5.46392	7.08089	4.49781	8.80167		1.25E-01	0.00754	6.8E-05	0.02814	0.16044		1.65E-01	0.009977	5.5E-05	0.01747	1.92E-01		0.191046	0.010084	4.07E-05	0.019273	0.220443	
5836	488811.86	3859254.96	4.88134	6.30255	3.91713	7.53944		1.11E-01	0.00671	5.9E-05	0.0241	0.14227		1.47E-01	0.00888	4.79E-05	0.014965	1.71E-01		0.170676	0.008976	3.54E-05	0.016509	0.196196	
5837	488813.78	3859352.07	4.43074	5.49572	3.76578	7.16071		1.01E-01	0.00585	5.7E-05	0.02289	0.12992		1.34E-01	0.007743	4.61E-05	0.014213	1.56E-01		0.154921	0.007827	3.41E-05	0.01568	0.178461	
5838	488815.71	3859449.19	4.09483	5.00912	3.4661	6.80699		9.34E-02	0.00534	5.2E-05	0.02176	0.1206		1.24E-01	0.007058	4.24E-05	0.013511	1.44E-01		0.143175	0.007134	3.14E-05	0.014905	0.165246	
5839	488910.04	3859547.11	3.86819	4.60588	3.35135	6.30735		8.83E-02	0.00491	5.1E-05	0.02016	0.1134		1.17E-01	0.006489	4.1E-05	0.012519	1.36E-01		0.135251	0.006559	3.03E-05	0.013811	0.155652	
5840	489002.45	3859547.91	3.97113	5.03776	3.50587	6.11759		9.06E-02	0.00537	5.3E-05	0.01956	0.1156		1.20E-01	0.007098	4.29E-05	0.012143	1.39E-01		0.13885	0.007175	3.17E-05	0.013395	0.159452	
5841	489094.85	3859548.72	4.1231	5.36839	3.50352	6.42537		9.41E-02	0.00572	5.3E-05	0.02054	0.12041		1.24E-01	0.007564	4.29E-05	0.012754	1.45E-01		0.144164	0.007645	3.17E-05	0.014069	0.16591	
5842	489230.05	3859601.87	4.02535	5.36225	3.65793	6.57127		9.19E-02	0.00571	5.5E-05	0.02101	0.11864		1.21E-01	0.007555	4.48E-05	0.013043	1.42E-01		0.140746	0.007637	3.31E-05	0.014389	0.162805	
5843	489227.52	3859680.89	3.81052	5.0107	3.3274	6.00306		8.70E-02	0.00534	5E-05	0.01919	0.11154		1.15E-01	0.00706	4.07E-05	0.011915	1.34E-01		0.133235	0.007136	3.01E-05	0.013145	0.153545	
5844	489133.47	3859760.29	3.4786	4.31504	3.16155	5.5591		7.94E-02	0.0046	4.8E-05	0.01777	0.1018		1.05E-01	0.00608	3.87E-05	0.011034	1.22E-01		0.121629	0.006145	2.86E-05	0.012173	0.139975	
5845	489041.96	3859760.67	3.40861	4.12125	3.04516	5.51861		7.78E-02	0.00439	4.6E-05	0.01764	0.09987		1.03E-01	0.005807	3.73E-05	0.010954	1.20E-01		0.119182	0.005869	2.75E-05	0.012084	0.137163	
5846	488950.45	3859761.05	3.38389	4.50747	3.16997	5.63017		7.72E-02	0.0048	4.8E-05	0.018	0.10007		1.02E-01	0.006351	3.88E-05	0.011175	1.20E-01		0.118318	0.006419	2.87E-05	0.012328	0.137094	
5847	488858.94	3859761.43	3.3884	4.94668	3.15275	5.49672		7.73E-02	0.00527	4.8E-05	0.01757	0.10022		1.02E-01	0.00697	3.86E-05	0.01091	1.20E-01		0.118475	0.007045	2.85E-05	0.012036	0.137585	
5848	488767.43	3859761.82	3.36027	5.20181	2.98334	5.15663		7.67E-02	0.00554	4.5E-05	0.01649	0.09876		1.01E-01	0.007329	3.65E-05	0.010235	1.19E-01		0.117492	0.007408	2.7E-05	0.011291	0.136218	
5849	488675.92	3859762.2	3.29029	5.11024	2.87384	4.73999		7.51E-02	0.00544	4.3E-05	0.01515	0.09573		9.93E-02	0.0072	3.52E-05	0.009408	1.16E-01		0.115045	0.007278	2.6E-05	0.010379	0.132728	
5850	488584.41	3859762.58	3.14994	4.55345	2.95736	4.45659		7.19E-02	0.00485	4.5E-05	0.01425	0.09103		9.51E-02	0.006416	3.62E-05	0.008846	1.10E-01		0.110137	0.006485	2.68E-05	0.009758	0.126407	
5851	488492.9	3859762.96	2.97393	4.18161	3.04226	4.31436		6.79E-02	0.00445	4.6E-05	0.01379	0.08616		8.98E-02	0.005892	3.72E-05	0.008564	1.04E-01		0.103983	0.005955	2.75E-05	0.009447	0.119413	
5852	488402.76	3859830.95	2.63742	3.57179	2.98499	4.31577		6.02E-02	0.00381	4.5E-05	0.0138	0.07784		7.96E-02	0.005032	3.65E-05	0.008566	9.32E-02		0.092217	0.005087	2.7E-05	0.00945	0.106781	

5853	488404.14	3859898.55	2.4924	3.63898	2.88025	4.22315	5.69E-02	0.00388	4.3E-05	0.0135	0.0743	7.52E-02	0.005127	3.53E-05	0.008383	8.88E-02	0.087147	0.005182	2.61E-05	0.009247	0.101602
5854	488505.18	3859964.96	2.5483	3.31501	2.84006	4.03087	5.82E-02	0.00353	4.3E-05	0.01289	0.07462	7.69E-02	0.004671	3.48E-05	0.008001	8.96E-02	0.089101	0.004721	2.57E-05	0.008826	0.102674
5855	488604.85	3859963.76	2.72857	3.78754	2.81329	4.08098	6.23E-02	0.00404	4.2E-05	0.01305	0.07939	8.24E-02	0.005336	3.44E-05	0.0081	9.58E-02	0.095404	0.005394	2.55E-05	0.008936	0.10976
5856	488704.51	3859962.56	2.89208	4.16789	2.72819	4.21466	6.60E-02	0.00444	4.1E-05	0.01347	0.08396	8.73E-02	0.005872	3.34E-05	0.008366	1.02E-01	0.101121	0.005936	2.47E-05	0.009229	0.11631
5857	488804.18	3859961.37	3.0111	4.68724	2.63882	4.36893	6.87E-02	0.00499	4E-05	0.01397	0.08772	9.09E-02	0.006604	3.23E-05	0.008672	1.06E-01	0.105283	0.006675	2.39E-05	0.009566	0.121549
5858	488903.85	3859960.17	3.06661	4.74614	2.75144	4.74755	7.00E-02	0.00506	4.1E-05	0.01518	0.09026	9.26E-02	0.006687	3.37E-05	0.009423	1.09E-01	0.107224	0.006759	2.49E-05	0.010396	0.124403
5859	489003.52	3859958.97	3.06519	4.43182	2.94362	5.00607	7.00E-02	0.00472	4.4E-05	0.016	0.09072	9.25E-02	0.006244	3.6E-05	0.009937	1.09E-01	0.107174	0.006312	2.66E-05	0.010962	0.124474
5860	489103.18	3859957.77	3.05433	3.98706	2.98871	5.03547	6.97E-02	0.00425	4.5E-05	0.0161	0.09009	9.22E-02	0.005618	3.66E-05	0.009995	1.08E-01	0.106794	0.005678	2.7E-05	0.011026	0.123526
5861	489201.48	3860046.59	2.92863	3.67327	2.90257	4.74426	6.68E-02	0.00391	4.4E-05	0.01517	0.08596	8.84E-02	0.005175	3.55E-05	0.009417	1.03E-01	0.102399	0.005231	2.63E-05	0.010388	0.118045
5862	489200.11	3860136.61	2.79978	3.75339	2.82811	4.60295	6.39E-02	0.004	4.3E-05	0.01472	0.08265	8.45E-02	0.005288	3.46E-05	0.009136	9.90E-02	0.097894	0.005345	2.56E-05	0.010079	0.113344
5863	489198.74	3860226.63	2.69459	3.84688	2.67941	4.41496	6.15E-02	0.0041	4E-05	0.01411	0.07975	8.13E-02	0.00542	3.28E-05	0.008763	9.55E-02	0.094216	0.005479	2.42E-05	0.009667	0.109386
5864	489197.38	3860316.66	2.59681	3.90097	2.46931	4.18334	5.93E-02	0.00416	3.7E-05	0.01337	0.07683	7.84E-02	0.005496	3.02E-05	0.008303	9.22E-02	0.090797	0.005556	2.23E-05	0.00916	0.105535
5865	489196.01	3860406.68	2.51016	3.90044	2.22832	3.93429	5.73E-02	0.00416	3.4E-05	0.01258	0.07405	7.58E-02	0.005495	2.73E-05	0.007809	8.91E-02	0.087768	0.005555	2.02E-05	0.008615	0.101957
5866	489194.64	3860496.7	2.41018	3.78892	2.07974	3.67186	5.50E-02	0.00404	3.1E-05	0.01174	0.07081	7.27E-02	0.005338	2.55E-05	0.007288	8.54E-02	0.084272	0.005396	1.88E-05	0.00804	0.097727
5867	489193.27	3860586.72	2.31977	3.60542	2.05194	3.57029	5.29E-02	0.00384	3.1E-05	0.01141	0.06823	7.00E-02	0.00508	2.51E-05	0.007087	8.22E-02	0.081111	0.005135	1.86E-05	0.007818	0.094082
5868	489092.02	3860678.13	2.15823	2.9568	2.13233	3.48314	4.93E-02	0.00315	3.2E-05	0.01114	0.06357	6.51E-02	0.004166	2.61E-05	0.006914	7.62E-02	0.075462	0.004211	1.93E-05	0.007627	0.08732
5869	488992.13	3860679.53	2.0642	2.73617	2.20678	3.39452	4.71E-02	0.00291	3.3E-05	0.01085	0.06091	6.23E-02	0.003855	2.7E-05	0.006738	7.29E-02	0.072175	0.003897	2E-05	0.007433	0.083524
5870	488892.25	3860680.92	1.95732	2.43696	2.23693	3.26887	4.47E-02	0.0026	3.4E-05	0.01045	0.05775	5.91E-02	0.003434	2.74E-05	0.006488	6.90E-02	0.068438	0.003471	2.02E-05	0.007158	0.079086
5871	488792.36	3860682.31	1.91211	2.5063	2.20791	3.1725	4.36E-02	0.00267	3.3E-05	0.01014	0.05648	5.77E-02	0.003531	2.7E-05	0.006297	6.76E-02	0.066857	0.003569	2E-05	0.006947	0.077393
5872	488692.48	3860683.7	1.92861	2.78717	2.13401	3.23104	4.40E-02	0.00297	3.2E-05	0.01033	0.05734	5.82E-02	0.003927	2.61E-05	0.006413	6.86E-02	0.067434	0.003969	1.93E-05	0.007075	0.078497
5873	488592.59	3860685.1	1.92524	2.79917	2.18025	3.2386	4.39E-02	0.00298	3.3E-05	0.01035	0.0573	5.81E-02	0.003944	2.67E-05	0.006428	6.85E-02	0.067316	0.003986	1.97E-05	0.007091	0.078414
5874	488492.71	3860686.49	1.93183	2.58484	2.22081	3.22587	4.41E-02	0.00275	3.3E-05	0.01031	0.05719	5.83E-02	0.003642	2.72E-05	0.006403	6.84E-02	0.067546	0.003681	2.01E-05	0.007064	0.078311
5875	488299.07	3860762.18	1.88407	2.94669	2.12757	3.45989	4.30E-02	0.00314	3.2E-05	0.01106	0.05723	5.69E-02	0.004152	2.6E-05	0.006868	6.79E-02	0.065876	0.004197	1.92E-05	0.007576	0.077668
5876	488205.32	3860764.09	1.83992	3.07579	2.05323	3.596	4.20E-02	0.00328	3.1E-05	0.0115	0.05679	5.55E-02	0.004334	2.51E-05	0.007138	6.70E-02	0.064333	0.00438	1.86E-05	0.007874	0.076606
5877	488111.56	3860766	1.82425	2.83436	1.97131	3.62411	4.16E-02	0.00302	3E-05	0.01159	0.05627	5.51E-02	0.003993	2.41E-05	0.007193	6.63E-02	0.063785	0.004037	1.78E-05	0.007936	0.075775
5878	488017.81	3860767.91	1.87243	2.6138	1.8818	3.58729	4.27E-02	0.00278	2.8E-05	0.01147	0.05701	5.65E-02	0.003683	2.3E-05	0.00712	6.73E-02	0.065469	0.003722	1.7E-05	0.007855	0.077064
5879	487924.06	3860769.81	1.90652	3.12821	1.82643	3.52334	4.35E-02	0.00333	2.8E-05	0.01126	0.05813	5.75E-02	0.004407	2.24E-05	0.006993	6.90E-02	0.066661	0.004455	1.65E-05	0.007715	0.078848
5880	487830.31	3860771.72	1.92865	3.5649	1.87597	3.44583	4.40E-02	0.0038	2.8E-05	0.01102	0.05886	5.82E-02	0.005023	2.3E-05	0.00684	7.01E-02	0.067435	0.005077	1.7E-05	0.007545	0.080074
5881	487736.55	3860773.63	1.94386	3.7443	1.95093	3.35718	4.44E-02	0.00399	2.9E-05	0.01073	0.05911	5.87E-02	0.005275	2.39E-05	0.006664	7.06E-02	0.067967	0.005332	1.76E-05	0.007351	0.080668
5882	487642.8	3860775.54	1.95908	3.60956	2.05587	3.26201	4.47E-02	0.00385	3.1E-05	0.01043	0.05901	5.91E-02	0.005086	2.52E-05	0.006475	7.07E-02	0.068499	0.005141	1.86E-05	0.007143	0.080801
5883	487549.48	3860684.71	2.01333	3.32995	2.2052	3.27144	4.59E-02	0.00355	3.3E-05	0.01046	0.05999	6.08E-02	0.004692	2.7E-05	0.006493	7.20E-02	0.070396	0.004742	1.99E-05	0.007163	0.082322
5884	487549.91	3860591.97	2.04812	3.45632	2.22445	3.37482	4.67E-02	0.00368	3.4E-05	0.01079	0.06124	6.18E-02	0.00487	2.72E-05	0.006699	7.34E-02	0.071612	0.004922	2.01E-05	0.00739	0.083945
5885	487550.34	3860499.23	2.09578	3.61707	2.25264	3.49133	4.78E-02	0.00385	3.4E-05	0.01116	0.06288	6.33E-02	0.005096	2.76E-05	0.00693	7.53E-02	0.073279	0.005151	2.04E-05	0.007645	0.086095
5886	487550.76	3860406.49	2.15073	3.79885	2.28273	3.61429	4.91E-02	0.00405	3.4E-05	0.01155	0.06472	6.49E-02	0.005352	2.79E-05	0.007174	7.75E-02	0.0752	0.00541	2.07E-05	0.007914	0.088545
5887	487551.19	3860313.75	2.20238	3.98214	2.30279	3.7314	5.03E-02	0.00424	3.5E-05	0.01193	0.06647	6.65E-02	0.005611	2.82E-05	0.007406	7.95E-02	0.077006	0.005671	2.08E-05	0.008171	0.090869
5888	487551.62	3860221.01	2.26414	4.18536	2.32497	3.85576	5.17E-02	0.00446	3.5E-05	0.01233	0.06849	6.83E-02	0.005897	2.85E-05	0.007653	8.19E-02	0.079166	0.005961	2.1E-05	0.008443	0.09359
5889	487552.05	3860128.27	2.3482	4.43515	2.36034	4.00145	5.36E-02	0.00472	3.6E-05	0.01279	0.07114	7.09E-02	0.006249	2.89E-05	0.007942	8.51E-02	0.082105	0.006316	2.14E-05	0.008762	0.097204
5890	487552.48	3860035.53	2.43306	4.68911	2.38987	4.1472	5.55E-02	0.005	3.6E-05	0.01326	0.07381	7.34E-02	0.006607	2.92E-05	0.008232	8.83E-02	0.085072	0.006678	2.16E-05	0.009081	0.100852
5891	487552.91	3859942.79	2.49868	4.90731	2.44304	4.27754	5.70E-02	0.00523	3.7E-05	0.01368	0.07596	7.54E-02	0.006914	2.99E-05	0.00849	9.08E-02	0.087366	0.006989	2.21E-05	0.009366	0.103743
5892	487553.33	3859850.05	2.59964	5.19555	2.60269	4.44515	5.93E-02	0.00554	3.9E-05	0.01421	0.07911	7.85E-02	0.00732	3.19E-05	0.008823	9.46E-02	0.090896	0.007399	2.35E-05	0.009733	0.108052
5893	487553.76	3859757.31	2.69327	5.45737	2.74602	4.60623	6.15E-02	0.00581	4.1E-05	0.01473	0.08204	8.13E-02	0.007689	3.36E-05	0.009143	9.82E-02	0.09417	0.007772	2.48E-05	0.010086	0.112053
5894	487554.19	3859664.57	2.79879	5.72762	2.88489	4.77812	6.39E-02	0.0061	4.3E-05	0.01528	0.08529	8.45E-02	0.00807	3.53E-05	0.009484	1.02E-01	0.09786	0.008157	2.61E-05	0.010462	0.116505
5895	487460.2	3859571.05	2.94467	5.50116	2.92953	4.96265	6.72E-02	0.00586	4.4E-05	0.01587	0.08897	8.89E-02	0.007751	3.59E-05	0.00985	1.07E-01	0.10296	0.007834	2.65E-05	0.010867	0.121688
5896	487365.78	3859570.27	2.99288	4.86399	2.92856	4.9063	6.83E-02	0.00518	4.4E-05	0.01569	0.08921	9.03E-02	0.006853	3.58E-05	0.009738	1.07E-01	0.104646	0.006927	2.65E-05	0.010743	0.122343
5897	487271.36	3859569.48	3.03148	3.84793	3.18929	4.8033	6.92E-02	0.0041	4.8E-05	0.01536	0.08868	9.15E-02	0.005421	3.9E-05	0.009534	1.06E-01	0.105996	0.00548	2.89E-05	0.010518	0.122022
5898	487176.94	3859568.7	3.04623	4.17995	3.37247	4.67428	6.95E-02	0.00445	5.1E-05	0.01494	0.08897	9.19E-02	0.005889	4.13E-05	0.009278	1.07E-01	0.106511	0.005953	3.05E-05	0.010235	0.12273
5899	487082.51	3859567.92	3.02985	4.31591	3.44075	4.52348	6.91E-02	0.0046	5.2E-05	0.01446	0.08826	9.14E-02	0.006081	4.21E-05	0.008979	1.07E-01	0.105939	0.006146	3.11E-05	0.009905	0.122021
5900	486988.09	3859567.14	2.97708	4.11111	3.40476	4.34153	6.79E-02	0.00438	5.1E-05	0.01388	0.08625	8.99E-02	0.005792	4.17E-05	0.008617	1.04E-01	0.104093	0.005855	3.08E-05	0.009507	0.119486
5901	486893.67	3859566.36	2.9033	4.69007	3.30974	4.13234	6.63E-02	0.005	5E-05	0.01321	0.08451	8.76E-02	0.006608	4.05E-05	0.008202	1.02E-01	0.101514	0.006679	2.99E-05	0.009048	0.117271
5902	486799.25	3859565.58	2.81856	5.12856	3.18349	3.90814	6.43E-02	0.00546	4.8E-05	0.01249	0.08233	8.51E-02	0.007226	3.9E-05	0.007757	1.00E-01	0.098551	0.007304	2.88E-05	0.008558	0.114441
5903	486704.83	3859564.79	2.73125	5.09658	3.04064	3.69504	6.23E-02	0.00543	4.6E-05	0.01181	0.07962	8.24E-02	0.007181	3.72E-05	0.007334	9.70E-02	0.095498	0.007258	2.75E-05	0.008091	0.110875
5904	486610.41	3859564.01	2.64413	5.05886	2.88765	3.51475	6.03E-02	0.00539	4.4E-05	0.01124	0.07701	7.98E-02	0.007128	3.53E-05	0.006976	9.39E-02	0.092452	0.007205	2.61E-05	0.007696	0.107379
5905	486515.99	3859563.23	2.55003	5.73025	2.72551	3.36563	5.82E-02	0.0061	4.1E-05	0.01076	0.0751	7.70E-02	0.008074	3.34E-05	0.00668	9.17E-02	0.089162	0.008161	2.47E-05	0.00737	0.104717
5906	486421.57	3859562.45	2.46501	6.01404	2.58503	3.24928	5.63E-02	0.00641	3.9E-05	0.01039	0.07309	7.44E-02	0.008473	3.16E-05	0.006449	8.94E-02	0.086189	0.008565	2.34E-05	0.007115	0.101892
5907	486327.14	3859561.67	2.38993	5.98631	2.47592	3.15692	5.45E-02	0.00638	3.7E-05	0.01009	0.07105	7.21E-02	0.008434	3.03E-05	0.006266	8.69E-02	0.083564	0.008525	2.24E-05	0.006913	0.099024
5908	486232.72	3859560.89	2.31152	5.9008	2.37832	3.12559	5.28E-02	0.00629	3.6E-05	0.00999	0.06907	6.98E-02	0.008314	2.91E-05	0.006204	8.43E-02	0.080822	0.008404	2.15E-05	0.006844	0.096091
5909	486138.3	3859560.1	2.24082	6.33446	2.28925	3.26508	5.11E-02	0.00675	3.5E-05	0.01044	0.06836	6.76E-02	0.008925	2.8E-05	0.006481	8.31E-02	0.07835	0.009021	2.07E-05	0.007149	0.094541
5910	486043.88	3859559.32	2.17323	6.24795	2.24511	3.36962	4.96E-02	0.00666	3.4E-05	0.01077	0.06706	6.56E-02	0.008803	2.75E-05	0.006688	8.11E-02	0.075987	0.008898	2.03E-05	0.007378	0.092284
5911	485949.35	3859463.54	2.20169	5.49414	2.22627	3.61457	5.02E-02	0.00585	3.4E-05	0.01156	0.06769	6.64E-02	0.007741	2.72E-05	0.007175	8.14E-02	0.076982	0.007824	2.01E-05	0.007915	0.092741
5912	485949.24	3859368.55	2.30022	5.16482	2.29843	3.75549	5.25E-02	0.0055	3.5E-05	0.01201	0.07004	6.94E-02	0.007277	2.81E-05	0.007454	8.42E-02	0.080427	0.007355	2.08E-05	0.008223	0.096027
5913	485949.12	3859273.55	2.40582	4.71478	2.40453	3.87411	5.49E-02	0.00502	3.6E-05	0.01239	0.07235	7.26E-02	0.006643	2.94E-05	0.00769	8.70E-02	0.084119	0.006715	2.18E-05	0.008483	0.099339

5914	485949.01	3859178.56	2.51673	4.91064	2.51659	3.99663		5.74E-02	0.00523	3.8E-05	0.01278	0.07548		7.60E-02	0.006919	3.08E-05	0.007933	9.08E-02		0.087997	0.006993	2.28E-05	0.008751	0.103765
5915	485948.9	3859083.56	2.64751	5.85269	2.64811	4.24924		6.04E-02	0.00624	4E-05	0.01358	0.08028		7.99E-02	0.008246	3.24E-05	0.008434	9.66E-02		0.09257	0.008335	2.4E-05	0.009304	0.110233
5916	485948.79	3858988.56	2.78338	6.61503	2.78729	4.45859		6.35E-02	0.00705	4.2E-05	0.01425	0.08486		8.40E-02	0.00932	3.41E-05	0.00885	1.02E-01		0.097321	0.009421	2.52E-05	0.009763	0.11653
5917	485948.67	3858893.57	2.92906	7.08598	2.94239	4.63608		6.68E-02	0.00755	4.4E-05	0.01482	0.08926		8.84E-02	0.009984	3.6E-05	0.009202	1.08E-01		0.102414	0.010091	2.66E-05	0.010151	0.122684
5918	485948.56	3858798.57	3.0984	7.27008	3.12975	4.81837		7.07E-02	0.00775	4.7E-05	0.0154	0.0939		9.35E-02	0.010243	3.83E-05	0.009564	1.13E-01		0.108335	0.010354	2.83E-05	0.010551	0.129268
5919	485948.45	3858703.58	3.23869	7.11192	3.30403	5.10517		7.39E-02	0.00758	5E-05	0.01632	0.09786		9.77E-02	0.01002	4.04E-05	0.010133	1.18E-01		0.113241	0.010128	2.99E-05	0.011179	0.134578
5920	485948.34	3858608.58	3.39066	7.76026	3.51158	5.3706		7.74E-02	0.00827	5.3E-05	0.01717	0.10287		1.02E-01	0.010934	4.3E-05	0.01066	1.24E-01		0.118554	0.011052	3.18E-05	0.01176	0.141398
5921	485948.22	3858513.59	3.53146	8.09306	3.726	5.57454		8.06E-02	0.00862	5.6E-05	0.01782	0.10709		1.07E-01	0.011403	4.56E-05	0.011065	1.29E-01		0.123477	0.011526	3.37E-05	0.012206	0.147243
5922	485948.11	3858418.59	3.66567	8.32088	3.94614	5.75371		8.37E-02	0.00886	5.9E-05	0.01839	0.11097		1.11E-01	0.011724	4.83E-05	0.011421	1.34E-01		0.12817	0.01185	3.57E-05	0.012599	0.152654
5923	485948	3858323.59	3.82897	8.27286	4.22265	5.96617		8.74E-02	0.00881	6.4E-05	0.01907	0.11533		1.16E-01	0.011656	5.17E-05	0.011842	1.39E-01		0.13388	0.011782	3.82E-05	0.013064	0.158764
5924	485947.89	3858228.6	3.99142	8.77925	4.54634	6.26536		9.11E-02	0.00935	6.9E-05	0.02003	0.12054		1.20E-01	0.012369	5.56E-05	0.012436	1.45E-01		0.13956	0.012503	4.11E-05	0.013719	0.165823
5925	485947.77	3858133.6	4.17576	8.98748	4.93496	6.6093		9.53E-02	0.00957	7.4E-05	0.02113	0.12607		1.26E-01	0.012663	6.04E-05	0.013119	1.52E-01		0.146005	0.012799	4.46E-05	0.014472	0.173322
5926	485947.66	3858038.61	4.43779	8.85669	5.41729	7.05021		1.01E-01	0.00944	8.2E-05	0.02254	0.13333		1.34E-01	0.012479	6.63E-05	0.013994	1.60E-01		0.155167	0.012613	4.9E-05	0.015438	0.183267
5927	485854.54	3857943.35	4.48501	11.13572	5.64558	6.90008		1.02E-01	0.01186	8.5E-05	0.02206	0.13636		1.35E-01	0.01569	6.91E-05	0.013696	1.65E-01		0.156818	0.015859	5.11E-05	0.015109	0.187837
5928	485761.52	3857943.09	4.30287	10.91669	5.40343	6.56252		9.82E-02	0.01163	8.1E-05	0.02098	0.13089		1.30E-01	0.015381	6.61E-05	0.013026	1.58E-01		0.15045	0.015547	4.89E-05	0.01437	0.180415
5929	485668.51	3857942.83	4.13628	10.50238	5.16353	6.42388		9.44E-02	0.01119	7.8E-05	0.02054	0.1262		1.25E-01	0.014797	6.32E-05	0.012751	1.52E-01		0.144625	0.014957	4.67E-05	0.014066	0.173695
5930	485575.5	3857942.56	3.95205	9.8118	4.89704	6.26607		9.02E-02	0.01045	7.4E-05	0.02003	0.12075		1.19E-01	0.013824	5.99E-05	0.012437	1.46E-01		0.138183	0.013973	4.43E-05	0.013721	0.165922
5931	485482.48	3857942.3	3.78726	8.90875	4.66544	6.14096		8.64E-02	0.00949	7E-05	0.01963	0.11562		1.14E-01	0.012552	5.71E-05	0.012189	1.39E-01		0.132421	0.012687	4.22E-05	0.013447	0.158598
5932	485389.47	3857942.04	3.6236	7.8404	4.44821	6.01875		8.27E-02	0.00835	6.7E-05	0.01924	0.11036		1.09E-01	0.011047	5.44E-05	0.011947	1.32E-01		0.126699	0.011166	4.02E-05	0.013179	0.151084
5933	485296.46	3857941.78	3.46665	7.43383	4.38627	5.90366		7.91E-02	0.00792	6.6E-05	0.01887	0.10597		1.05E-01	0.010474	5.37E-05	0.011718	1.27E-01		0.121211	0.010587	3.97E-05	0.012927	0.144765
5934	485203.45	3857941.52	3.40605	7.2723	4.36131	5.80789		7.77E-02	0.00775	6.6E-05	0.01857	0.10411		1.03E-01	0.010246	5.34E-05	0.011528	1.25E-01		0.119092	0.010357	3.95E-05	0.012717	0.142206
5935	485110.43	3857941.26	3.34666	6.97339	4.32655	5.69991		7.64E-02	0.00743	6.5E-05	0.01822	0.10209		1.01E-01	0.009825	5.3E-05	0.011314	1.22E-01		0.117016	0.009931	3.91E-05	0.012481	0.139467
5936	485017.42	3857940.99	3.28312	6.57353	4.2933	5.59194		7.49E-02	0.007	6.5E-05	0.01788	0.09987		9.91E-02	0.009262	5.25E-05	0.011099	1.20E-01		0.114794	0.009362	3.88E-05	0.012244	0.136439
5937	484924.41	3857940.73	3.22445	6.11168	4.26839	5.49064		7.36E-02	0.00651	6.4E-05	0.01755	0.09771		9.73E-02	0.008611	5.22E-05	0.010898	1.17E-01		0.112743	0.008704	3.86E-05	0.012023	0.133508
5938	484831.39	3857940.47	3.17827	5.62406	4.25654	5.40163		7.25E-02	0.00599	6.4E-05	0.01727	0.09586		9.59E-02	0.007924	5.21E-05	0.010722	1.15E-01		0.111128	0.008009	3.85E-05	0.011828	0.131004
5939	484738.12	3857859.3	3.22929	5.27925	4.44392	5.43707		7.37E-02	0.00562	6.7E-05	0.01738	0.09677		9.75E-02	0.007438	5.44E-05	0.010792	1.16E-01		0.112912	0.007518	4.02E-05	0.011905	0.132376
5940	484737.85	3857778.4	3.34731	5.33434	4.61897	5.66686		7.64E-02	0.00568	7E-05	0.01812	0.10026		1.01E-01	0.007516	5.65E-05	0.011248	1.20E-01		0.117039	0.007597	4.18E-05	0.012409	0.137086
5941	484737.59	3857697.49	3.461	5.28254	4.75022	5.86185		7.90E-02	0.00563	7.2E-05	0.01874	0.10342		1.04E-01	0.007443	5.81E-05	0.011635	1.24E-01		0.121014	0.007523	4.3E-05	0.012835	0.141415
5942	484737.32	3857616.59	3.55903	4.85052	4.85788	6.03077		8.12E-02	0.00517	7.3E-05	0.01928	0.10574		1.07E-01	0.006834	5.95E-05	0.01197	1.26E-01		0.124441	0.006908	4.39E-05	0.013205	0.144598
5943	484645.53	3857535.18	3.59018	5.28611	4.88397	6.19797		8.19E-02	0.00563	7.4E-05	0.01982	0.10745		1.08E-01	0.007448	5.98E-05	0.012302	1.28E-01		0.12553	0.007528	4.42E-05	0.013571	0.146674
5944	484553.99	3857534.67	3.51774	5.07121	4.78327	6.03805		8.03E-02	0.0054	7.2E-05	0.0193	0.10506		1.06E-01	0.007145	5.85E-05	0.011985	1.25E-01		0.122998	0.007222	4.33E-05	0.013221	0.143484
5945	484462.46	3857534.17	3.45866	4.88333	4.70197	5.89503		7.89E-02	0.0052	7.1E-05	0.01885	0.10305		1.04E-01	0.00688	5.75E-05	0.011701	1.23E-01		0.120932	0.006955	4.25E-05	0.012908	0.140837
5946	484370.93	3857533.66	3.3961	4.6964	4.61587	5.7579		7.75E-02	0.005	7E-05	0.01841	0.10098		1.02E-01	0.006617	5.65E-05	0.011429	1.21E-01		0.118744	0.006688	4.18E-05	0.012608	0.138082
5947	484279.4	3857533.16	3.33773	4.52184	4.53509	5.6315		7.62E-02	0.00482	6.8E-05	0.018	0.09906		1.01E-01	0.006371	5.55E-05	0.011178	1.18E-01		0.116704	0.00644	4.1E-05	0.012331	0.135515
5948	484187.86	3857532.65	3.27614	4.67185	4.44985	5.50703		7.48E-02	0.00498	6.7E-05	0.01761	0.09741		9.89E-02	0.006582	5.45E-05	0.010931	1.16E-01		0.11455	0.006653	4.03E-05	0.012059	0.133302
5949	484096.33	3857532.15	3.22495	5.20604	4.37944	5.39153		7.36E-02	0.00555	6.6E-05	0.01724	0.09645		9.73E-02	0.007335	5.36E-05	0.010702	1.15E-01		0.11276	0.007414	3.96E-05	0.011806	0.13202
5950	484004.8	3857531.64	3.16353	5.45009	4.29555	5.27032		7.22E-02	0.00581	6.5E-05	0.01685	0.09491		9.55E-02	0.007679	5.26E-05	0.010461	1.14E-01		0.110613	0.007762	3.89E-05	0.01154	0.129953
5951	483913.27	3857531.14	3.09237	5.33264	4.19838	5.13103		7.06E-02	0.00568	6.3E-05	0.0164	0.09272		9.33E-02	0.007513	5.14E-05	0.010185	1.11E-01		0.108125	0.007594	3.8E-05	0.011235	0.126992
5952	483821.73	3857530.63	3.03359	4.94075	4.11715	4.96292		6.92E-02	0.00526	6.2E-05	0.01587	0.09042		9.16E-02	0.006961	5.04E-05	0.009851	1.08E-01		0.106069	0.007036	3.72E-05	0.010867	0.12401
5953	483729.61	3857450.11	3.04825	4.74996	4.09422	4.94099		6.96E-02	0.00506	6.2E-05	0.0158	0.09048		9.20E-02	0.006692	5.01E-05	0.009807	1.09E-01		0.106582	0.006765	3.7E-05	0.010819	0.124203
5954	483729.03	3857370.08	3.15727	5.22933	4.17819	5.19871		7.21E-02	0.00557	6.3E-05	0.01662	0.09431		9.53E-02	0.007368	5.11E-05	0.010319	1.13E-01		0.110394	0.007447	3.78E-05	0.011383	0.129262
5955	483728.44	3857290.06	3.26399	5.29421	4.24251	5.47684		7.45E-02	0.00564	6.4E-05	0.01751	0.0977		9.85E-02	0.007459	5.19E-05	0.010871	1.17E-01		0.114125	0.00754	3.84E-05	0.011992	0.133696
5956	483727.86	3857210.03	3.36705	5.37257	4.31552	5.77981		7.68E-02	0.00572	6.5E-05	0.01848	0.10111		1.02E-01	0.00757	5.28E-05	0.011472	1.21E-01		0.117729	0.007651	3.9E-05	0.012656	0.138075
5957	483641.15	3857129.07	3.42212	5.82008	4.44396	5.95459		7.81E-02	0.0062	6.7E-05	0.01904	0.1034		1.03E-01	0.0082	5.44E-05	0.011819	1.23E-01		0.119654	0.008289	4.02E-05	0.013039	0.141022
5958	483555.03	3857128.14	3.35873	5.94247	4.29198	5.79126		7.66E-02	0.00633	6.5E-05	0.01851	0.10156		1.01E-01	0.008373	5.25E-05	0.011495	1.21E-01		0.117438	0.008463	3.88E-05	0.012681	0.138621
5959	483468.91	3857127.2	3.27556	6.24891	4.1441	5.58021		7.48E-02	0.00666	6.2E-05	0.01784	0.09931		9.89E-02	0.008804	5.07E-05	0.011076	1.19E-01		0.11453	0.008899	3.75E-05	0.012219	0.135685
5960	483382.78	3857126.26	3.22816	6.66317	4.08013	5.31149		7.37E-02	0.0071	6.1E-05	0.01698	0.09781		9.74E-02	0.009388	4.99E-05	0.010543	1.17E-01		0.112872	0.009489	3.69E-05	0.01163	0.134029
5961	483296.66	3857125.32	3.16679	6.67716	4.01095	4.97766		7.23E-02	0.00711	6E-05	0.01591	0.09536		9.56E-02	0.009408	4.91E-05	0.00988	1.15E-01		0.110727	0.009509	3.63E-05	0.010899	0.131172
5962	483210.54	3857124.39	3.10085	6.52839	3.93957	4.69727		7.08E-02	0.00695	5.9E-05	0.01502	0.0928		9.36E-02	0.009198	4.82E-05	0.009324	1.12E-01		0.108421	0.009297	3.56E-05	0.010285	0.12804
5963	483123.4	3857030.96	3.15645	6.31591	4.12881	4.74846		7.20E-02	0.00673	6.2E-05	0.01518	0.094		9.53E-02	0.008899	5.05E-05	0.009425	1.14E-01		0.110365	0.008995	3.74E-05	0.010398	0.129795
5964	483122.38	3856938.46	3.29714	6.14178	4.33466	4.86992		7.52E-02	0.00654	6.5E-05	0.01557	0.09742		9.95E-02	0.008653	5.31E-05	0.009666	1.18E-01		0.115284	0.008747	3.92E-05	0.010663	0.134734
5965	483121.35	3856845.97	3.45091	6.0166	4.48613	4.99396		7.88E-02	0.00641	6.8E-05	0.01597	0.1012		1.04E-01	0.008477	5.49E-05	0.009912	1.23E-01		0.120661	0.008569	4.06E-05	0.010935	0.140205
5966	483120.33	3856753.47	3.58167	6.09342	4.56256	5.12659		8.17E-02	0.00649	6.9E-05	0.01639	0.10469		1.08E-01	0.008585	5.58E-05	0.010176	1.27E-01		0.125233	0.008678	4.13E-05	0.011226	0.145178
5967	483119.31	3856660.98	3.7104	6.98154	4.633	5.26574		8.47E-02	0.00744	7E-05	0.01683	0.10902		1.12E-01	0.009837	5.67E-05	0.010452	1.32E-01		0.129734	0.009943	4.19E-05	0.01153	0.151249
5968	483118.29	3856568.49	3.84445	7.77849	4.72842	5.41137		8.77E-02	0.00829	7.1E-05	0.0173	0.11339		1.16E-01	0.010959	5.79E-05	0.010741	1.38E-01		0.134421	0.011078	4.28E-05	0.011849	0.157391
5969	483117.26	3856475.99	3.97582	8.28599	4.84338	5.56332		9.07E-02	0.00883	7.3E-05	0.01779	0.11742		1.20E-01	0.011674	5.93E-05	0.011043	1.43E-01		0.139014	0.0118	4.38E-05	0.012182	0.16304
5970	483116.24	3856383.5	4.08585	8.31508	4.9507	5.71974		9.32E-02	0.00886	7.5E-05	0.01829	0.12046		1.23E-01	0.011715	6.06E-05	0.011353	1.46E-01		0.142862	0.011842	4.48E-05	0.012524	0.167273
5971	483115.22	3856291.01	4.19011	7.89413	5.06766	5.8502		9.56E-02	0.00841	7.6E-05	0.0187	0.12281		1.26E-01	0.011122	6.2E-05	0.011612	1.49E-01		0.146507	0.011242	4.58E-05	0.01281	0.170605
5972	483114.2	3856198.51	4.27017	7.56411	5.16256	5.85509		9.74E-02	0.00806	7.8E-05	0.01872	0.1243		1.29E-01	0.010657	6.32E-05	0.011622	1.51E-01		0.149306	0.010772	4.67E-05	0.012821	0.172946
5973	483113.17	3856106.02	4.37889	7.98538	5.30352	6.07067		9.99E-02	0.00851	8E-05	0.01941	0.12792		1.32E-01	0.011251	6.49E-05	0.01205	1.56E-01		0.153108	0.011372	4.8E-05	0.013293	0.177821
5974	483112.15	3856013.52	4.44903	7.79224	5.40211	6.30575		1.02E-01	0.0083	8.1E-05	0.02016	0.13007		1.34E-01	0.010979	6.61E-05	0.012516	1.58E-01		0.15556	0.011097	4.89E-05	0.013807	0.180514

5975	483029.25	3855920.47	4.39387	7.80986	5.41552	6.3949		1.00E-01	0.00832	8.2E-05	0.02044	0.12912		1.33E-01	0.011004	6.63E-05	0.012693	1.56E-01		0.153631	0.011122	4.9E-05	0.014003	0.178805
5976	482947.37	3855919.91	4.2496	7.4096	5.30145	6.25301		9.70E-02	0.00789	8E-05	0.01999	0.12494		1.28E-01	0.01044	6.49E-05	0.012412	1.51E-01		0.148587	0.010552	4.8E-05	0.013692	0.172879
5977	482865.49	3855919.36	4.10777	6.93763	5.17108	6.1185		9.37E-02	0.00739	7.8E-05	0.01956	0.12077		1.24E-01	0.009775	6.33E-05	0.012145	1.46E-01		0.143628	0.00988	4.68E-05	0.013397	0.166952
5978	482783.61	3855918.8	3.9983	6.45318	5.04408	5.9857		9.12E-02	0.00687	7.6E-05	0.01914	0.11733		1.21E-01	0.009092	6.17E-05	0.011881	1.42E-01		0.1398	0.00919	4.56E-05	0.013107	0.162143
5979	482700.33	3855818.39	4.01555	8.58044	4.9904	6.05176		9.16E-02	0.00914	7.5E-05	0.01935	0.1202		1.21E-01	0.012089	6.11E-05	0.012012	1.45E-01		0.140403	0.01222	4.51E-05	0.013251	0.16592
5980	482698.92	3855718.54	4.16283	9.33121	5.21535	6.15873		9.50E-02	0.00994	7.9E-05	0.01969	0.12471		1.26E-01	0.013147	6.38E-05	0.012224	1.51E-01		0.145553	0.013289	4.72E-05	0.013486	0.172375
5981	482697.52	3855618.68	4.28991	8.61275	5.4028	6.12086		9.79E-02	0.00918	8.1E-05	0.01957	0.12672		1.29E-01	0.012135	6.61E-05	0.012149	1.54E-01		0.149996	0.012266	4.89E-05	0.013403	0.175714
5982	482696.11	3855518.83	4.44971	8.37649	5.60923	5.8996		1.02E-01	0.00892	8.5E-05	0.01886	0.12942		1.34E-01	0.011802	6.87E-05	0.01171	1.58E-01		0.155584	0.011929	5.07E-05	0.012918	0.180482
5983	482694.71	3855418.98	4.5817	7.90491	5.72929	5.70416		1.05E-01	0.00842	8.6E-05	0.01824	0.1313		1.38E-01	0.011138	7.01E-05	0.011322	1.61E-01		0.160199	0.011258	5.18E-05	0.01249	0.183999
5984	482693.3	3855319.13	4.73043	8.56558	5.74556	5.57908		1.08E-01	0.00913	8.7E-05	0.01784	0.135		1.43E-01	0.012068	7.03E-05	0.011074	1.66E-01		0.165399	0.012199	5.2E-05	0.012216	0.189866
5985	482691.9	3855219.27	4.91759	7.85325	5.60872	4.99685		1.12E-01	0.00837	8.5E-05	0.01598	0.13665		1.48E-01	0.011065	6.86E-05	0.009918	1.69E-01		0.171943	0.011184	5.07E-05	0.010941	0.19412
5986	482690.49	3855119.42	5.07487	9.91733	5.49858	4.43308		1.16E-01	0.01057	8.3E-05	0.01417	0.14063		1.53E-01	0.013973	6.73E-05	0.008799	1.76E-01		0.177443	0.014124	4.97E-05	0.009707	0.201323
5987	482689.09	3855019.57	5.26174	12.05437	5.40377	4.7086		1.20E-01	0.01284	8.1E-05	0.01505	0.14805		1.59E-01	0.016984	6.61E-05	0.009346	1.85E-01		0.183976	0.017167	4.89E-05	0.01031	0.211503
5988	482687.68	3854919.72	5.36334	13.45731	4.77281	5.30821		1.22E-01	0.01434	7.2E-05	0.01697	0.15377		1.62E-01	0.01896	5.84E-05	0.010536	1.91E-01		0.187529	0.019165	4.32E-05	0.011623	0.21836
5989	482686.28	3854819.86	5.55324	12.74306	5.02145	5.84096		1.27E-01	0.01358	7.6E-05	0.01867	0.15905		1.68E-01	0.017954	6.15E-05	0.011594	1.97E-01		0.194169	0.018148	4.54E-05	0.01279	0.225152
5990	482684.88	3854720.01	5.64003	10.06636	5.14641	6.19168		1.29E-01	0.01072	7.8E-05	0.01979	0.15931		1.70E-01	0.014183	6.3E-05	0.01229	1.97E-01		0.197203	0.014336	4.66E-05	0.013558	0.225144
5991	482683.47	3854620.16	5.6618	10.28012	5.26807	6.27097		1.29E-01	0.01095	7.9E-05	0.02005	0.16029		1.71E-01	0.014484	6.45E-05	0.012447	1.98E-01		0.197965	0.01464	4.77E-05	0.013731	0.226384
5992	482682.07	3854520.31	5.48904	8.50844	5.23176	6.20379		1.25E-01	0.00906	7.9E-05	0.01983	0.15424		1.66E-01	0.011988	6.4E-05	0.012314	1.90E-01		0.191924	0.012117	4.73E-05	0.013584	0.217673
5993	482680.66	3854420.45	5.65767	9.54406	5.55433	6.09068		1.29E-01	0.01017	8.4E-05	0.01947	0.15884		1.71E-01	0.013447	6.8E-05	0.012089	1.96E-01		0.19782	0.013592	5.02E-05	0.013337	0.224799
5994	482679.26	3854320.6	6.22443	9.9261	5.5448	5.89414		1.42E-01	0.01057	8.4E-05	0.01884	0.17155		1.88E-01	0.013985	6.79E-05	0.011699	2.14E-01		0.217637	0.014136	5.02E-05	0.012906	0.244729
5995	482677.85	3854220.75	6.84362	10.07444	5.16134	5.44433		1.56E-01	0.01073	7.8E-05	0.01741	0.18439		2.07E-01	0.014194	6.32E-05	0.010806	2.32E-01		0.239287	0.014347	4.67E-05	0.011921	0.265602
5996	482676.45	3854120.9	6.78437	9.17892	4.86531	5.63474		1.55E-01	0.00978	7.3E-05	0.01801	0.18269		2.05E-01	0.012933	5.95E-05	0.011184	2.29E-01		0.237215	0.013072	4.4E-05	0.012338	0.262669
5997	482675.04	3854021.04	8.32053	7.66061	5.70113	5.76795		1.90E-01	0.00816	8.6E-05	0.01844	0.21657		2.51E-01	0.010793	6.98E-05	0.011449	2.73E-01		0.290927	0.01091	5.16E-05	0.01263	0.314518
5998	482673.64	3853921.19	8.26846	8.48348	6.15456	6.16826		1.89E-01	0.00904	9.3E-05	0.01972	0.21754		2.50E-01	0.011953	7.53E-05	0.012243	2.74E-01		0.289106	0.012082	5.57E-05	0.013506	0.31475
5999	482672.23	3853821.34	7.80995	8.41924	6.16701	6.14124		1.78E-01	0.00897	9.3E-05	0.01963	0.20693		2.36E-01	0.011862	7.55E-05	0.01219	2.60E-01		0.273074	0.01199	5.58E-05	0.013447	0.298568
6000	482670.83	3853721.49	7.67931	7.09692	5.61725	5.59487		1.75E-01	0.00756	8.5E-05	0.01789	0.20078		2.32E-01	0.009999	6.88E-05	0.011105	2.53E-01		0.268507	0.010107	5.08E-05	0.012251	0.290915
6001	482669.42	3853621.63	6.55238	6.36515	4.85567	5.75167		1.50E-01	0.00678	7.3E-05	0.01839	0.17477		1.98E-01	0.008968	5.94E-05	0.011416	2.18E-01		0.229104	0.009065	4.39E-05	0.012594	0.250807
6002	482645.99	3853446.13	5.40035	6.37301	4.38286	5.90752		1.23E-01	0.00679	6.6E-05	0.01889	0.14898		1.63E-01	0.008979	5.36E-05	0.011726	1.84E-01		0.188823	0.009076	3.97E-05	0.012935	0.210874
6003	482623.97	3853370.49	4.94908	7.03954	4.24598	5.81599		1.13E-01	0.0075	6.4E-05	0.01859	0.1391		1.49E-01	0.009918	5.2E-05	0.011544	1.71E-01		0.173044	0.010025	3.84E-05	0.012735	0.195843
6004	482601.94	3853294.84	4.5839	7.49388	4.41038	5.51846		1.05E-01	0.00798	6.6E-05	0.01764	0.1303		1.38E-01	0.010558	5.4E-05	0.010954	1.60E-01		0.160276	0.010672	3.99E-05	0.012084	0.183072
6005	482531.29	3853133.44	4.56636	7.62945	4.51376	5.57817		1.04E-01	0.00813	6.8E-05	0.01783	0.13024		1.38E-01	0.010749	5.52E-05	0.011072	1.60E-01		0.159663	0.010865	4.08E-05	0.012214	0.182783
6006	482482.68	3853047.69	4.61006	7.49162	4.80709	5.53459		1.05E-01	0.00798	7.2E-05	0.01769	0.13095		1.39E-01	0.010555	5.88E-05	0.010986	1.61E-01		0.16119	0.010669	4.35E-05	0.012119	0.184022
6007	482383.09	3852897.4	4.55621	7.02229	5.00534	5.16852		1.04E-01	0.00748	7.5E-05	0.01652	0.12806		1.38E-01	0.009894	6.13E-05	0.010259	1.58E-01		0.159308	0.010001	4.53E-05	0.011317	0.180671
6008	482265.64	3852765.26	4.401	6.62984	4.84625	4.87246		1.00E-01	0.00706	7.3E-05	0.01558	0.12315		1.33E-01	0.009341	5.93E-05	0.009671	1.52E-01		0.153881	0.009442	4.38E-05	0.010669	0.174035
6009	482199.16	3852697.66	4.31229	6.45268	4.71737	4.75756		9.84E-02	0.00687	7.1E-05	0.01521	0.12057		1.30E-01	0.009091	5.77E-05	0.009443	1.49E-01		0.150779	0.00919	4.27E-05	0.010417	0.170429
6010	482132.69	3852630.07	4.23285	6.2922	4.59952	4.65327		9.66E-02	0.0067	6.9E-05	0.01488	0.11825		1.28E-01	0.008865	5.63E-05	0.009236	1.46E-01		0.148001	0.008961	4.16E-05	0.010189	0.167193
6011	482066.21	3852562.48	4.15258	6.13026	4.48254	4.54614		9.48E-02	0.00653	6.8E-05	0.01453	0.1159		1.25E-01	0.008637	5.49E-05	0.009024	1.43E-01		0.145195	0.00873	4.06E-05	0.009955	0.16392
6012	481999.74	3852494.89	4.0691	5.96473	4.36525	4.43525		9.29E-02	0.00635	6.6E-05	0.01418	0.11346		1.23E-01	0.008404	5.34E-05	0.008804	1.40E-01		0.142276	0.008495	3.95E-05	0.009712	0.160522
6013	481933.26	3852427.29	3.98808	5.80508	4.25256	4.34093		9.10E-02	0.00618	6.4E-05	0.01388	0.11114		1.20E-01	0.008179	5.2E-05	0.008616	1.37E-01		0.139443	0.008267	3.85E-05	0.009505	0.157254
6014	481866.79	3852359.7	3.92089	5.67143	4.1552	4.28391		8.95E-02	0.00604	6.3E-05	0.0137	0.10928		1.18E-01	0.007991	5.09E-05	0.008503	1.35E-01		0.137094	0.008077	3.76E-05	0.00938	0.154589
6015	481800.31	3852292.11	3.85667	5.54417	4.06262	4.22955		8.80E-02	0.00591	6.1E-05	0.01352	0.1075		1.16E-01	0.007811	4.97E-05	0.008395	1.33E-01		0.134848	0.007896	3.68E-05	0.009261	0.152042
6016	481733.84	3852224.52	3.79013	5.41526	3.97033	4.17039		8.65E-02	0.00577	6E-05	0.01333	0.10566		1.14E-01	0.00763	4.86E-05	0.008278	1.30E-01		0.132522	0.007712	3.59E-05	0.009132	0.149401
6017	481667.36	3852156.92	3.73299	5.30278	3.88786	4.11973		8.52E-02	0.00565	5.9E-05	0.01317	0.10407		1.13E-01	0.007471	4.76E-05	0.008177	1.28E-01		0.130524	0.007552	3.52E-05	0.009021	0.147132
6018	481600.89	3852089.33	3.65692	5.16217	3.79115	4.04873		8.35E-02	0.0055	5.7E-05	0.01294	0.10195		1.10E-01	0.007273	4.64E-05	0.008036	1.26E-01		0.127864	0.007352	3.43E-05	0.008865	0.144115
6019	481534.41	3852021.74	3.57915	5.02083	3.69479	3.97388		8.17E-02	0.00535	5.6E-05	0.0127	0.09979		1.08E-01	0.007074	4.52E-05	0.007888	1.23E-01		0.125145	0.00715	3.34E-05	0.008701	0.14103
6020	481467.94	3851954.15	3.508	4.8924	3.60608	3.90518		8.01E-02	0.00521	5.4E-05	0.01248	0.09781		1.06E-01	0.006893	4.41E-05	0.007751	1.21E-01		0.122657	0.006967	3.26E-05	0.008551	0.138208
6021	481401.46	3851886.55	3.44701	4.78284	3.52815	3.85029		7.87E-02	0.0051	5.3E-05	0.01231	0.09612		1.04E-01	0.006739	4.32E-05	0.007642	1.18E-01		0.120525	0.006811	3.19E-05	0.008431	0.135799
6022	481265.87	3851761.43	3.30056	4.54082	3.31466	3.72779		7.53E-02	0.00484	5E-05	0.01192	0.09213		9.96E-02	0.006398	4.06E-05	0.007399	1.13E-01		0.115404	0.006467	3E-05	0.008163	0.130063
6023	481196.74	3851703.89	3.22753	4.42349	3.19215	3.67582		7.37E-02	0.00471	4.8E-05	0.01175	0.09017		9.74E-02	0.006232	3.91E-05	0.007296	1.11E-01		0.11285	0.0063	2.89E-05	0.008049	0.127228
6024	481076.33	3851619.05	3.0773	4.18887	2.92349	3.56179		7.02E-02	0.00446	4.4E-05	0.01139	0.08612		9.29E-02	0.005902	3.58E-05	0.00707	1.06E-01		0.107598	0.005966	2.64E-05	0.007799	0.121389
6025	480939.8	3851549.07	2.86621	3.85031	2.55311	3.68341		6.54E-02	0.0041	3.8E-05	0.01178	0.08133		8.65E-02	0.005425	3.12E-05	0.007311	9.93E-02		0.100217	0.005483	2.31E-05	0.008065	0.113789
6026	480854.56	3851506.41	2.72602	3.61122	2.47823	3.69172		6.22E-02	0.00385	3.7E-05	0.0118	0.0779		8.23E-02	0.005088	3.03E-05	0.007328	9.47E-02		0.095315	0.005143	2.24E-05	0.008084	0.108564
6027	480769.32	3851463.75	2.57756	3.3659	2.45789	3.64926		5.88E-02	0.00359	3.7E-05	0.01167	0.07411		7.78E-02	0.004742	3.01E-05	0.007243	8.98E-02		0.090124	0.004794	2.22E-05	0.007991	0.102931
6028	480684.08	3851421.08	2.42092	3.11783	2.43307	3.55273		5.52E-02	0.00332	3.7E-05	0.01136	0.06996		7.31E-02	0.004393	2.98E-05	0.007052	8.45E-02		0.084647	0.00444	2.2E-05	0.007779	0.096889
6029	480598.84	3851378.42	2.25484	2.86352	2.384	3.4083		5.15E-02	0.00305	3.6E-05	0.0109	0.06544		6.81E-02	0.004035	2.92E-05	0.006765	7.89E-02		0.07884	0.004078	2.16E-05	0.007463	0.090403
6030	480435.71	3851275.01	2.04175	2.68771	2.26573	3.12686		4.66E-02	0.00286	3.4E-05	0.01	0.05949		6.16E-02	0.003787	2.77E-05	0.006206	7.16E-02		0.07139	0.003828	2.05E-05	0.006847	0.082085
6031	480347.85	3851232.36	2.01275	2.658	2.17701	2.94261		4.59E-02	0.00283	3.3E-05	0.00941	0.0582		6.07E-02	0.003745	2.66E-05	0.005841	7.04E-02		0.070376	0.003785	1.97E-05	0.006443	0.080624
6032	480260	3851189.72	1.97468	2.60981	2.07494	3.00304		4.51E-02	0.00278	3.1E-05	0.0096	0.05748		5.96E-02	0.003677	2.54E-05	0.005961	6.93E-02		0.069045	0.003717	1.88E-05	0.006576	0.079356
6033	480172.15	3851147.07	1.92839	2.54419	1.96172	3.08534		4.40E-02	0.00271	3E-05	0.00986	0.05661		5.82E-02	0.003585	2.4E-05	0.006124	6.79E-02		0.067426	0.003623	1.77E-05	0.006756	0.077823
6034	480084.29	3851104.42	1.87767	2.46125	1.84082	3.1383		4.28E-02	0.00262	2.8E-05	0.01003	0.05553		5.67E-02	0.003468	2.25E-05	0.006229	6.64E-02		0.065653	0.003505	1.67E-05	0.006872	0.076046
6035	479996.44	3851061.77	1.822	2.36534	1.71756	3.15942		4.16E-02	0.00252	2.6E-05	0.0101	0.05423		5.50E-02	0.003333	2.1E-05	0.006271	6.46E-02		0.063706	0.003369	1.55E-05	0.006918	0.074008

6036	479908.58	3851019.13	1.78803	2.36119	1.69263	3.1384	4.08E-02	0.00252	2.6E-05	0.01003	0.05338	5.40E-02	0.003327	2.07E-05	0.006229	6.35E-02	0.062518	0.003363	1.53E-05	0.006872	0.072768
6037	479820.73	3850976.48	1.70668	2.35564	1.73086	3.08923	3.89E-02	0.00251	2.6E-05	0.00988	0.05136	5.15E-02	0.003319	2.12E-05	0.006132	6.10E-02	0.059674	0.003355	1.57E-05	0.006764	0.069809
6038	479732.88	3850933.83	1.63873	2.33978	1.76168	3.00998	3.74E-02	0.00249	2.7E-05	0.00962	0.04954	4.95E-02	0.003297	2.16E-05	0.005974	5.88E-02	0.057298	0.003332	1.59E-05	0.006591	0.067237
6039	479645.02	3850891.18	1.63563	2.31174	1.77712	2.9059	3.73E-02	0.00246	2.7E-05	0.00929	0.04911	4.94E-02	0.003257	2.18E-05	0.005768	5.84E-02	0.05719	0.003292	1.61E-05	0.006363	0.066861
6040	479557.17	3850848.54	1.62859	2.27486	1.77596	2.84483	3.72E-02	0.00242	2.7E-05	0.00909	0.04871	4.92E-02	0.003205	2.17E-05	0.005647	5.80E-02	0.056944	0.00324	1.61E-05	0.006229	0.066429
6041	479469.32	3850805.89	1.66302	2.22976	1.79637	2.85	3.80E-02	0.00238	2.7E-05	0.00911	0.04947	5.02E-02	0.003142	2.2E-05	0.005657	5.90E-02	0.058147	0.003176	1.63E-05	0.006241	0.06758
6042	479381.46	3850763.24	1.65984	2.20279	1.75943	2.85467	3.79E-02	0.00235	2.7E-05	0.00913	0.04938	5.01E-02	0.003104	2.15E-05	0.005666	5.89E-02	0.058036	0.003137	1.59E-05	0.006251	0.06744
6043	479293.61	3850720.59	1.62871	2.1874	1.69727	2.8406	3.72E-02	0.00233	2.6E-05	0.00908	0.04861	4.92E-02	0.003082	2.08E-05	0.005638	5.79E-02	0.056948	0.003115	1.54E-05	0.00622	0.066298
6044	479205.76	3850677.95	1.60177	2.16378	1.64383	2.78828	3.66E-02	0.00231	2.5E-05	0.00891	0.0478	4.83E-02	0.003049	2.01E-05	0.005534	5.69E-02	0.056006	0.003082	1.49E-05	0.006105	0.065208
6045	479117.9	3850635.3	1.55962	2.1297	1.58801	2.71058	3.56E-02	0.00227	2.4E-05	0.00867	0.04655	4.71E-02	0.003001	1.94E-05	0.00538	5.55E-02	0.054532	0.003033	1.44E-05	0.005935	0.063515
6046	479030.05	3850592.65	1.52377	2.08903	1.53548	2.60342	3.48E-02	0.00223	2.3E-05	0.00832	0.04535	4.60E-02	0.002943	1.88E-05	0.005168	5.41E-02	0.053279	0.002975	1.39E-05	0.005701	0.061968
6047	478942.19	3850550	1.52366	2.0481	1.4988	2.47681	3.48E-02	0.00218	2.3E-05	0.00792	0.04489	4.60E-02	0.002886	1.83E-05	0.004916	5.38E-02	0.053275	0.002917	1.36E-05	0.005423	0.061628
6048	478854.34	3850507.36	1.60343	2.00323	1.55107	2.28456	3.66E-02	0.00213	2.3E-05	0.0073	0.04605	4.84E-02	0.002822	1.9E-05	0.004535	5.58E-02	0.056064	0.002853	1.4E-05	0.005002	0.063933
6049	478766.49	3850464.71	1.61819	2.06846	1.54755	2.10303	3.69E-02	0.0022	2.3E-05	0.00672	0.04588	4.88E-02	0.002914	1.89E-05	0.004174	5.59E-02	0.05658	0.002946	1.4E-05	0.004605	0.064145
6050	478678.63	3850422.06	1.60511	2.01315	1.51104	1.9295	3.66E-02	0.00214	2.3E-05	0.00617	0.04497	4.84E-02	0.002836	1.85E-05	0.00383	5.51E-02	0.056123	0.002867	1.37E-05	0.004225	0.063228
6051	478590.78	3850379.41	1.59062	1.95403	1.48555	1.74525	3.63E-02	0.00208	2.2E-05	0.00558	0.04398	4.80E-02	0.002753	1.82E-05	0.003464	5.42E-02	0.055616	0.002783	1.34E-05	0.003822	0.062234
6052	478502.93	3850336.77	1.55059	1.8795	1.52263	1.68218	3.54E-02	0.002	2.3E-05	0.00538	0.04279	4.68E-02	0.002648	1.86E-05	0.003339	5.28E-02	0.054216	0.002677	1.38E-05	0.003683	0.06059
6053	478415.07	3850294.12	1.49393	1.79909	1.5459	1.70761	3.41E-02	0.00192	2.3E-05	0.00546	0.04149	4.51E-02	0.002535	1.89E-05	0.003389	5.10E-02	0.052235	0.002562	1.4E-05	0.003739	0.05855
6054	478327.22	3850251.47	1.46267	1.81671	1.59132	1.7292	3.34E-02	0.00194	2.4E-05	0.00553	0.04087	4.41E-02	0.00256	1.95E-05	0.003432	5.02E-02	0.051142	0.002587	1.44E-05	0.003786	0.05753
6055	478239.36	3850208.82	1.42861	1.7667	1.6217	1.74251	3.26E-02	0.00188	2.4E-05	0.00557	0.04008	4.31E-02	0.002489	1.98E-05	0.003459	4.91E-02	0.049951	0.002516	1.47E-05	0.003816	0.056297
6056	478151.51	3850166.18	1.45265	1.7852	1.63411	1.74717	3.32E-02	0.0019	2.5E-05	0.00559	0.04066	4.38E-02	0.002515	2E-05	0.003468	4.98E-02	0.050792	0.002542	1.48E-05	0.003826	0.057175
6057	478063.66	3850123.53	1.4688	1.79258	1.63445	1.74072	3.35E-02	0.00191	2.5E-05	0.00557	0.04102	4.43E-02	0.002526	2E-05	0.003455	5.03E-02	0.051357	0.002553	1.48E-05	0.003812	0.057736
6058	477975.8	3850080.88	1.40689	1.65735	1.50473	1.79192	3.21E-02	0.00177	2.3E-05	0.00573	0.03962	4.25E-02	0.002335	1.84E-05	0.003557	4.84E-02	0.049192	0.00236	1.36E-05	0.003924	0.055489
6059	477887.95	3850038.23	1.39489	1.64071	1.46018	1.77493	3.18E-02	0.00175	2.2E-05	0.00567	0.03928	4.21E-02	0.002312	1.79E-05	0.003523	4.80E-02	0.048772	0.002337	1.32E-05	0.003887	0.055009
6060	477800.1	3849995.59	1.36985	1.61319	1.40108	1.75025	3.13E-02	0.00172	2.1E-05	0.0056	0.0386	4.13E-02	0.002273	1.71E-05	0.003474	4.71E-02	0.047897	0.002297	1.27E-05	0.003832	0.054039
6061	477712.24	3849952.94	1.35961	1.59564	1.36878	1.70169	3.10E-02	0.0017	2.1E-05	0.00544	0.03819	4.10E-02	0.002248	1.68E-05	0.003378	4.67E-02	0.047539	0.002272	1.24E-05	0.003726	0.05355
6062	477624.39	3849910.29	1.34729	1.57501	1.33401	1.71614	3.07E-02	0.00168	2E-05	0.00549	0.03793	4.07E-02	0.002219	1.63E-05	0.003406	4.63E-02	0.047108	0.002243	1.21E-05	0.003758	0.053121
6063	477536.54	3849867.64	1.32785	1.54972	1.29397	1.75109	3.03E-02	0.00165	2E-05	0.0056	0.03757	4.01E-02	0.002183	1.58E-05	0.003476	4.58E-02	0.046428	0.002207	1.17E-05	0.003834	0.052481
6064	477448.68	3849825	1.31701	1.53012	1.27958	1.76788	3.01E-02	0.00163	1.9E-05	0.00565	0.03736	3.97E-02	0.002156	1.57E-05	0.003509	4.54E-02	0.046049	0.002179	1.16E-05	0.003871	0.052111
6065	477360.83	3849782.35	1.30235	1.50719	1.27174	1.77573	2.97E-02	0.00161	1.9E-05	0.00568	0.03702	3.93E-02	0.002124	1.56E-05	0.003525	4.50E-02	0.045537	0.002146	1.15E-05	0.003888	0.051583
6066	477272.97	3849739.7	1.28613	1.48266	1.26041	1.77006	2.94E-02	0.00158	1.9E-05	0.00566	0.03661	3.88E-02	0.002089	1.54E-05	0.003513	4.44E-02	0.044969	0.002112	1.14E-05	0.003876	0.050968
6067	477185.12	3849697.05	1.26408	1.45468	1.23882	1.76109	2.88E-02	0.00155	1.9E-05	0.00563	0.03605	3.82E-02	0.00205	1.52E-05	0.003496	4.37E-02	0.044198	0.002072	1.12E-05	0.003856	0.050138
6068	477097.27	3849654.41	1.24866	1.43059	1.23341	1.74095	2.85E-02	0.00152	1.9E-05	0.00557	0.0356	3.77E-02	0.002016	1.51E-05	0.003456	4.32E-02	0.043659	0.002037	1.12E-05	0.003812	0.04952
6069	477009.41	3849611.76	1.24304	1.41193	1.26828	1.69399	2.84E-02	0.0015	1.9E-05	0.00542	0.03531	3.75E-02	0.001989	1.55E-05	0.003362	4.29E-02	0.043463	0.002011	1.15E-05	0.003709	0.049194
6070	476841.49	3849530.08	1.19698	1.3794	1.24544	1.60855	2.73E-02	0.00147	1.9E-05	0.00514	0.03395	3.61E-02	0.001943	1.52E-05	0.003193	4.13E-02	0.041852	0.001964	1.13E-05	0.003522	0.04735
6071	476761.41	3849491.05	1.17001	1.35452	1.21216	1.5666	2.67E-02	0.00144	1.8E-05	0.00501	0.03317	3.53E-02	0.001908	1.48E-05	0.00311	4.03E-02	0.040909	0.001929	1.1E-05	0.00343	0.04628
6072	476681.34	3849452.02	1.14611	1.41404	1.20192	1.50943	2.62E-02	0.00151	1.8E-05	0.00483	0.03251	3.46E-02	0.001992	1.47E-05	0.002996	3.96E-02	0.040074	0.002014	1.09E-05	0.003305	0.045403
6073	476601.26	3849412.99	1.15425	1.4073	1.20268	1.44063	2.63E-02	0.0015	1.8E-05	0.00461	0.03246	3.48E-02	0.001983	1.47E-05	0.00286	3.97E-02	0.040358	0.002004	1.09E-05	0.003154	0.045528
6074	476456.32	3849353.67	1.1522	1.41576	1.28776	1.42395	2.63E-02	0.00151	1.9E-05	0.00455	0.03237	3.48E-02	0.001995	1.58E-05	0.002826	3.96E-02	0.040287	0.002016	1.16E-05	0.003118	0.045432
6075	476305.43	3849318.84	1.08406	1.41059	1.23356	1.45373	2.47E-02	0.0015	1.9E-05	0.00465	0.03091	3.27E-02	0.001987	1.51E-05	0.002886	3.76E-02	0.037904	0.002009	1.12E-05	0.003183	0.043107
6076	476129.36	3849289.99	1.13591	1.48598	1.31549	1.42146	2.59E-02	0.00158	2E-05	0.00454	0.03207	3.43E-02	0.002094	1.61E-05	0.002821	3.92E-02	0.039717	0.002116	1.19E-05	0.003113	0.044958
6077	476039.31	3849275.68	1.14441	1.49247	1.31812	1.48932	2.61E-02	0.00159	2E-05	0.00476	0.03249	3.45E-02	0.002103	1.61E-05	0.002956	3.96E-02	0.040014	0.002125	1.19E-05	0.003261	0.045413
6078	475949.26	3849261.38	1.20373	1.53703	1.3921	1.48887	2.75E-02	0.00164	2.1E-05	0.00476	0.03389	3.63E-02	0.002166	1.7E-05	0.002955	4.15E-02	0.042088	0.002189	1.26E-05	0.00326	0.04755
6079	475859.21	3849247.08	1.20087	1.52049	1.37527	1.49602	2.74E-02	0.00162	2.1E-05	0.00478	0.03383	3.62E-02	0.002142	1.68E-05	0.002969	4.14E-02	0.041988	0.002165	1.24E-05	0.003276	0.047442
6080	475769.16	3849232.77	1.192	1.4948	1.3519	1.45634	2.72E-02	0.00159	2E-05	0.00466	0.03347	3.60E-02	0.002106	1.65E-05	0.002891	4.10E-02	0.041678	0.002129	1.22E-05	0.003189	0.047008
6081	475585.23	3849219.27	1.11509	1.35573	1.24545	0.9065	2.54E-02	0.00144	1.9E-05	0.0029	0.02981	3.37E-02	0.00191	1.52E-05	0.001799	3.74E-02	0.038989	0.001931	1.13E-05	0.001985	0.042916
6082	475444.5	3849150.35	1.12265	1.41911	1.21365	1.10326	2.56E-02	0.00151	1.8E-05	0.00353	0.03068	3.39E-02	0.001999	1.49E-05	0.00219	3.81E-02	0.039253	0.002021	1.1E-05	0.002416	0.043701
6083	475334.18	3849118.71	1.12751	1.44786	1.24008	1.07016	2.57E-02	0.00154	1.9E-05	0.00342	0.03071	3.40E-02	0.00204	1.52E-05	0.002124	3.82E-02	0.039423	0.002062	1.12E-05	0.002343	0.04384
6084	475230.47	3849060.57	1.12073	1.44054	1.23809	1.03646	2.56E-02	0.00153	1.9E-05	0.00331	0.03044	3.38E-02	0.00203	1.52E-05	0.002057	3.79E-02	0.039186	0.002052	1.12E-05	0.00227	0.043519
6085	475110.86	3848960.97	1.09508	1.39917	1.19945	1.0442	2.50E-02	0.00149	1.8E-05	0.00334	0.02984	3.31E-02	0.001971	1.47E-05	0.002073	3.71E-02	0.038289	0.001993	1.09E-05	0.002286	0.042579
6086	475037.79	3848896.28	1.08223	1.3696	1.17849	1.03159	2.47E-02	0.00146	1.8E-05	0.0033	0.02947	3.27E-02	0.00193	1.44E-05	0.002048	3.67E-02	0.03784	0.001951	1.07E-05	0.002259	0.04206
6087	474964.72	3848831.59	1.0637	1.33599	1.15086	1.01902	2.43E-02	0.00142	1.7E-05	0.00326	0.02897	3.21E-02	0.001882	1.41E-05	0.002023	3.60E-02	0.037192	0.001903	1.04E-05	0.002231	0.041337
6088	474891.65	3848766.9	1.03881	1.30115	1.12791	1.02928	2.37E-02	0.00139	1.7E-05	0.00329	0.0284	3.14E-02	0.001833	1.38E-05	0.002043	3.52E-02	0.036322	0.001853	1.02E-05	0.002254	0.040439
6089	474818.58	3848702.22	1.04231	1.26863	1.14522	1.0485	2.38E-02	0.00135	1.7E-05	0.00335	0.02851	3.15E-02	0.001787	1.4E-05	0.002081	3.53E-02	0.036444	0.001807	1.04E-05	0.002296	0.040557
6090	474745.51	3848637.53	1.04487	1.27629	1.14739	1.11944	2.38E-02	0.00136	1.7E-05	0.00358	0.0288	3.15E-02	0.001798	1.4E-05	0.002222	3.56E-02	0.036534	0.001818	1.04E-05	0.002451	0.040813
6091	474672.44	3848572.84	1.04714	1.28219	1.15463	1.15506	2.39E-02	0.00137	1.7E-05	0.00369	0.02897	3.16E-02	0.001807	1.41E-05	0.002293	3.57E-02	0.036613	0.001826	1.04E-05	0.002529	0.040979
6092	474599.37	3848508.15	1.05074	1.29037	1.17242	1.13663	2.40E-02	0.00137	1.8E-05	0.00363	0.029	3.17E-02	0.001818	1.43E-05	0.002256	3.58E-02	0.036739	0.001838	1.06E-05	0.002489	0.041076
6093	474526.3	3848443.46	1.0527	1.2958	1.18354	1.14078	2.40E-02	0.00138	1.8E-05	0.00365	0.02907	3.18E-02	0.001826	1.45E-05	0.002264	3.59E-02	0.036808	0.001845	1.07E-05	0.002498	0.041162

			PM10				2028 - RD					2033 - RD					2048 - RD				
			Period				Rates	1.88E-03	8.77E-05	2.17E-02	1.12E-06	Ra	2.30E-03	1.08E-04	2.67E-02	6.25E-07	Ra	2.03E-03	8.27E-05	5.09E-02	6.46E-07	
			Concentration [ug/m^3] at 1 g/s					Concentration [ug/m^3]					Concentration [ug/m^3]					Concentration [ug/m^3]				
	X	Y	IMF (SLINE	IMF-Idle (F	IMF-Truck	IMF-Truck-Idle (PAREA5)		IMF	IMF-Idle	IMF-Truck	IMF-Truck	Total	IMF	IMF-Idle	IMF-Trucks	IMF-Truck-	Total	IMF	IMF-Idle	IMF-Trucks	IMF-Truck-	Total
1	485973.61	3854936.51	0.56541	0.92314	0.52785	0.11869		1.06E-03	8.1E-05	0.01146	1.3E-07	1.26E-02	1.30E-03	9.92396E-05	0.014118	7.42E-08	1.55E-02	1.15E-03	7.63E-05	0.026884	7.67E-08	0.028108
2	486023.61	3854936.51	0.54183	0.87107	0.50793	0.1188		1.02E-03	7.6E-05	0.01103	1.3E-07	0.01212	1.25E-03	9.3642E-05	0.013585	7.43E-08	1.49E-02	0.0011	7.2E-05	0.025869	7.67E-08	0.027041
3	486073.61	3854936.51	0.524	0.8297	0.49377	0.11947		9.85E-04	7.3E-05	0.01072	1.3E-07	0.01178	1.21E-03	8.91946E-05	0.013206	7.47E-08	1.45E-02	0.001064	6.86E-05	0.025148	7.72E-08	0.026281
4	486123.61	3854936.51	0.49656	0.77465	0.46889	0.1184		9.33E-04	6.8E-05	0.01018	1.3E-07	0.01118	1.14E-03	8.32766E-05	0.012541	7.41E-08	1.38E-02	0.001008	6.41E-05	0.023881	7.65E-08	0.024953
5	486173.61	3854936.51	0.48684	0.74851	0.46255	0.11971		9.15E-04	6.6E-05	0.01004	1.3E-07	0.01103	1.12E-03	8.04665E-05	0.012371	7.49E-08	1.36E-02	0.000988	6.19E-05	0.023558	7.73E-08	0.024608
6	486223.61	3854936.51	0.46831	0.71014	0.44643	0.11941		8.80E-04	6.2E-05	0.00969	1.3E-07	0.01064	1.08E-03	7.63416E-05	0.01194	7.47E-08	1.31E-02	0.000951	5.87E-05	0.022737	7.71E-08	0.023747
7	486273.61	3854936.51	0.4536	0.6788	0.43411	0.11947		8.52E-04	6E-05	0.00943	1.3E-07	0.01034	1.04E-03	7.29725E-05	0.011611	7.47E-08	1.27E-02	0.000921	5.61E-05	0.022109	7.72E-08	0.023087
8	486323.61	3854936.51	0.44054	0.65092	0.4233	0.11959		8.28E-04	5.7E-05	0.00919	1.3E-07	0.01008	1.01E-03	6.99754E-05	0.011321	7.48E-08	1.24E-02	0.000894	5.38E-05	0.021559	7.73E-08	0.022507
9	485973.61	3854986.51	0.61269	0.95262	0.5973	0.14266		1.15E-03	8.4E-05	0.01297	1.6E-07	0.01421	1.41E-03	0.000102409	0.015975	8.92E-08	1.75E-02	0.001244	7.88E-05	0.030421	9.22E-08	0.031744
10	486023.61	3854986.51	0.58908	0.90219	0.57612	0.14247		1.11E-03	7.9E-05	0.01251	1.6E-07	0.0137	1.36E-03	9.69874E-05	0.015409	8.91E-08	1.69E-02	0.001196	7.46E-05	0.029342	9.2E-08	0.030613
11	486073.61	3854986.51	0.56394	0.85093	0.5529	0.14166		1.06E-03	7.5E-05	0.01201	1.6E-07	0.01314	1.30E-03	9.14769E-05	0.014788	8.86E-08	1.62E-02	0.001145	7.04E-05	0.02816	9.15E-08	0.029375
12	486123.61	3854986.51	0.54081	0.80422	0.53155	0.14076		1.02E-03	7.1E-05	0.01154	1.6E-07	0.01263	1.25E-03	8.64555E-05	0.014217	8.8E-08	1.55E-02	0.001098	6.65E-05	0.027072	9.09E-08	0.028237
13	486173.61	3854986.51	0.5251	0.7697	0.51808	0.14088		9.87E-04	6.8E-05	0.01125	1.6E-07	0.01231	1.21E-03	8.27445E-05	0.013856	8.81E-08	1.51E-02	0.001066	6.37E-05	0.026386	9.1E-08	0.027516
14	486223.61	3854986.51	0.50388	0.72867	0.49811	0.13974		9.47E-04	6.4E-05	0.01082	1.6E-07	0.01183	1.16E-03	7.83337E-05	0.013322	8.74E-08	1.46E-02	0.001023	6.03E-05	0.025369	9.03E-08	0.026452
15	486273.61	3854986.51	0.48245	0.68887	0.4777	0.13827		9.07E-04	6E-05	0.01037	1.5E-07	0.01134	1.11E-03	7.40551E-05	0.012776	8.65E-08	1.40E-02	0.00098	5.7E-05	0.02433	8.93E-08	0.025366
16	486323.61	3854986.51	0.47533	0.66996	0.47285	0.1392		8.93E-04	5.9E-05	0.01027	1.6E-07	0.01122	1.09E-03	7.20222E-05	0.012647	8.71E-08	1.38E-02	0.000965	5.54E-05	0.024083	8.99E-08	0.025103
17	485973.61	3855036.51	0.66415	0.97191	0.67369	0.17183		1.25E-03	8.5E-05	0.01463	1.9E-07	0.01596	1.53E-03	0.000104483	0.018018	1.07E-07	1.97E-02	0.001348	8.04E-05	0.034311	1.11E-07	0.03574
18	486023.61	3855036.51	0.63585	0.91752	0.64587	0.17017		1.19E-03	8E-05	0.01403	1.9E-07	0.0153	1.46E-03	9.86355E-05	0.017274	1.06E-07	1.88E-02	0.001291	7.59E-05	0.032895	1.1E-07	0.034262
19	486073.61	3855036.51	0.60499	0.86112	0.61487	0.16762		1.14E-03	7.6E-05	0.01335	1.9E-07	0.01457	1.39E-03	9.25723E-05	0.016445	1.05E-07	1.79E-02	0.001228	7.12E-05	0.031316	1.08E-07	0.032615
20	486123.61	3855036.51	0.58036	0.81482	0.59074	0.16585		1.09E-03	7.1E-05	0.01283	1.9E-07	0.01399	1.34E-03	8.7595E-05	0.0158	1.04E-07	1.72E-02	0.001178	6.74E-05	0.030087	1.07E-07	0.031333
21	486173.61	3855036.51	0.56331	0.78006	0.57497	0.16523		1.06E-03	6.8E-05	0.01249	1.8E-07	0.01361	1.30E-03	8.38582E-05	0.015378	1.03E-07	1.68E-02	0.001144	6.45E-05	0.029284	1.07E-07	0.030492
22	486223.61	3855036.51	0.53747	0.73501	0.54888	0.16253		1.01E-03	6.4E-05	0.01192	1.8E-07	0.01299	1.24E-03	7.90152E-05	0.01468	1.02E-07	1.60E-02	0.001091	6.08E-05	0.027955	1.05E-07	0.029107
23	486273.61	3855036.51	0.52424	0.7078	0.5369	0.16212		9.85E-04	6.2E-05	0.01166	1.8E-07	0.01271	1.21E-03	7.60901E-05	0.01436	1.01E-07	1.56E-02	0.001064	5.85E-05	0.027345	1.05E-07	0.028468
24	486323.61	3855036.51	0.50497	0.67395	0.51784	0.16025		9.49E-04	5.9E-05	0.01125	1.8E-07	0.01225	1.16E-03	7.24511E-05	0.01385	1E-07	1.51E-02	0.001025	5.57E-05	0.026374	1.04E-07	0.027455
25	485973.61	3855086.51	0.71485	0.97486	0.75124	0.20578		1.34E-03	8.6E-05	0.01631	2.3E-07	0.01774	1.65E-03	0.0001048	0.020092	1.29E-07	2.18E-02	0.001451	8.06E-05	0.038261	1.33E-07	0.039793
26	486023.61	3855086.51	0.68695	0.92505	0.72248	0.20317		1.29E-03	8.1E-05	0.01569	2.3E-07	0.01706	1.58E-03	9.94449E-05	0.019323	1.27E-07	2.10E-02	0.001395	7.65E-05	0.036796	1.31E-07	0.038268
27	486073.61	3855086.51	0.65221	0.86783	0.68548	0.19863		1.23E-03	7.6E-05	0.01489	2.2E-07	0.01619	1.50E-03	9.32937E-05	0.018334	1.24E-07	1.99E-02	0.001324	7.18E-05	0.034912	1.28E-07	0.036308
28	486123.61	3855086.51	0.62856	0.82589	0.66142	0.1962		1.18E-03	7.2E-05	0.01436	2.2E-07	0.01562	1.45E-03	8.8785E-05	0.01769	1.23E-07	1.92E-02	0.001276	6.83E-05	0.033686	1.27E-07	0.035031
29	486173.61	3855086.51	0.59983	0.77891	0.63115	0.19235		1.13E-03	6.8E-05	0.01371	2.1E-07	0.0149	1.38E-03	8.37346E-05	0.016881	1.2E-07	1.83E-02	0.001218	6.44E-05	0.032145	1.24E-07	0.033427
30	486223.61	3855086.51	0.57888	0.74275	0.60976	0.18988		1.09E-03	6.5E-05	0.01324	2.1E-07	0.01439	1.33E-03	7.98473E-05	0.016308	1.19E-07	1.77E-02	0.001175	6.14E-05	0.031055	1.23E-07	0.032292
31	485973.61	3855136.51	0.77283	0.97371	0.83963	0.24626		1.45E-03	8.5E-05	0.01823	2.8E-07	0.01977	1.78E-03	0.000104676	0.022456	1.54E-07	2.43E-02	0.001569	8.05E-05	0.042763	1.59E-07	0.044413
32	486023.61	3855136.51	0.73784	0.92032	0.80083	0.2406		1.39E-03	8.1E-05	0.01739	2.7E-07	0.01886	1.70E-03	9.89365E-05	0.021419	1.5E-07	2.32E-02	0.001498	7.61E-05	0.040787	1.55E-07	0.042361
33	486073.61	3855136.51	0.7041	0.8694	0.76352	0.23486		1.32E-03	7.6E-05	0.01658	2.6E-07	0.01798	1.62E-03	9.34624E-05	0.020421	1.47E-07	2.21E-02	0.00143	7.19E-05	0.038887	1.52E-07	0.040388
34	486123.61	3855136.51	0.67462	0.82431	0.73129	0.22983		1.27E-03	7.2E-05	0.01588	2.6E-07	0.01722	1.55E-03	8.86152E-05	0.019559	1.44E-07	2.12E-02	0.00137	6.82E-05	0.037245	1.48E-07	0.038683
35	486173.61	3855136.51	0.64514	0.78029	0.69894	0.2246		1.21E-03	6.8E-05	0.01518	2.5E-07	0.01646	1.49E-03	8.38829E-05	0.018694	1.4E-07	2.03E-02	0.00131	6.45E-05	0.035597	1.45E-07	0.036972
36	486223.61	3855136.51	0.61931	0.74143	0.67081	0.22002		1.16E-03	6.5E-05	0.01457	2.5E-07	0.0158	1.43E-03	7.97054E-05	0.017941	1.38E-07	1.94E-02	0.001257	6.13E-05	0.034165	1.42E-07	0.035484
37	485973.61	3855186.51	0.83268	0.96216	0.93286	0.29219		1.56E-03	8.4E-05	0.02026	3.3E-07	0.02191	1.92E-03	0.000103434	0.02495	1.83E-07	2.70E-02	0.001691	7.96E-05	0.047511	1.89E-07	0.049282
38	486023.61	3855186.51	0.79541	0.91245	0.88951	0.28405		1.49E-03	8E-05	0.01932	3.2E-07	0.02089	1.83E-03	9.80904E-05	0.023791	1.78E-07	2.57E-02	0.001615	7.55E-05	0.045303	1.83E-07	0.046994
39	486073.61	3855186.51	0.7547	0.85989	0.84192	0.27468		1.42E-03	7.5E-05	0.01828	3.1E-07	0.01978	1.74E-03	9.24401E-05	0.022518	1.72E-07	2.43E-02	0.001532	7.11E-05	0.042879	1.77E-07	0.044483
40	486123.61	3855186.51	0.71722	0.8113	0.79853	0.26601		1.35E-03	7.1E-05	0.01734	3E-07	0.01876	1.65E-03	8.72166E-05	0.021357	1.66E-07	2.31E-02	0.001456	6.71E-05	0.04067	1.72E-07	0.042193
41	486173.61	3855186.51	0.68703	0.77074	0.76409	0.2591		1.29E-03	6.8E-05	0.01659	2.9E-07	0.01795	1.58E-03	8.28563E-05	0.020436	1.62E-07	2.21E-02	0.001395	6.37E-05	0.038916	1.67E-07	0.040374
42	486223.61	3855186.51	0.65885	0.73303	0.73208	0.25265		1.24E-03	6.4E-05	0.0159	2.8E-07	0.0172	1.52E-03	7.88024E-05	0.01958	1.58E-07	2.12E-02	0.001338	6.06E-05	0.037285	1.63E-07	0.038684
43	486273.61	3855186.51	0.63097	0.69653	0.7003	0.2461		1.19E-03	6.1E-05	0.01521	2.7E-07	0.01645	1.45E-03	7.48785E-05	0.01873	1.54E-07	2.03E-02	0.001281	5.76E-05	0.035667	1.59E-07	0.037006
44	486323.61	3855186.51	0.62128	0.67892	0.69072	0.24448		1.17E-03	6E-05	0.015	2.7E-07	0.01623	1.43E-03	7.29854E-05	0.018474	1.53E-07	2.00E-02	0.001261	5.61E-05	0.035179	1.58E-07	0.036497
45	485973.61	3855236.51	0.8933	0.93945	1.02894	0.34277		1.68E-03	8.2E-05	0.02234	3.8E-07	0.02411	2.06E-03	0.000100993	0.02752	2.14E-07	2.97E-02	0.001814	7.77E-05	0.052405	2.21E-07	0.054296
46	486023.61	3855236.51	0.84682	0.88847	0.97229	0.32958		1.59E-03	7.8E-05	0.02111	3.7E-07	0.02278	1.95E-03	9.55125E-05	0.026005	2.06E-07	2.81E-02	0.001719	7.35E-05	0.049519	2.13E-07	0.051312
47	486073.61	3855236.51	0.802	0.83903	0.91791	0.31687		1.51E-03	7.4E-05	0.01993	3.5E-07	0.02151	1.85E-03	9.01976E-05	0.02455	1.98E-07	2.65E-02	0.001628	6.94E-05	0.04675	2.05E-07	0.048448
48	486123.61	3855236.51	0.76539	0.79706	0.87416	0.30664		1.44E-03	7E-05	0.01898	3.4E-07	0.02049	1.76E-03	8.56857E-05	0.02338	1.92E-07	2.52E-02	0.001554	6.59E-05	0.044521	1.98E-07	0.046142
49	486173.61	3855236.51	0.73227	0.75848	0.83489	0.29738		1.38E-03	6.7E-05	0.01813	3.3E-07	0.01957	1.69E-03	8.15383E-05	0.02233	1.86E-07	2.41E-02	0.001487	6.27E-05	0.042521	1.92E-07	0.044071
50	486223.61	3855236.51	0.69986	0.72089	0.79646	0.28818		1.32E-03	6.3E-05	0.0173	3.2E-07	0.01867	1.61E-03	7.74973E-05	0.021302	1.8E-07	2.30E-02	0.001421	5.96E-05	0.040564	1.86E-07	0.042045
51	486273.61	3855236.51	0.66176	0.67877	0.75093	0.27724		1.24E-03	6E-05	0.01631	3.1E-07	0.01761	1.52E-03	7.29693E-05	0.020084	1.73E-07	2.17E-02	0.001344	5.61E-05	0.038245	1.79E-07	0.039645
52	486323.61	3855236.51	0.65894	0.66897	0.74939	0.2768		1.24E-03	5.9E-05	0.01627	3.1E-07	0.01757	1.52E-03	7.19158E-05	0.020043	1.73E-07	2.16E-02	0.001338	5.53E-05	0.038167	1.79E-07	0.03956
53	485973.61	3855286.51	0.95535	0.9063	1.12788	0.39739		1.80E-03	8E-05	0.02449	4.4E-07	0.02637	2.20E-03	9.74293E-05	0.030166	2.49E-07	3.25E-02	0.00194	7.49E-05	0.057444	2.57E-07	0.059459
54	486023.61	3855286.51	0.90256	0.85899	1.06169	0.37949		1.70E-03	7.5E-05	0.02306	4.2E-07	0.02483	2.08E-03	9.23433E-05	0.028396	2.37E-07	3.06E-02	0.001833	7.1E-05	0.054072	2.45E-07	0.055976
55	486073.61	3855286.51	0.8568	0.8165	1.00476	0.36421		1.61E-03	7.2E-05	0.02182	4.1E-07	0.0235	1.97E-03	8.77756E-05	0.026873	2.28E-07	2.89E-02	0.00174	6.75E-05	0.051173	2.35E-07	0.05298
56	486123.61	3855286.51	0.81257	0.77471	0.94989	0.3495		1.53E-03	6.8E-05	0.02063	3.9E-07	0.02222	1.87E-03	8.32831E-05	0.025405	2.19E-07	2.74E-02	0.00165	6.41E-05	0.048378	2.26E-07	0.050093
57	486173.61	3855286.51	0.77351	0.73664	0.90182	0.33658		1.45E-03	6.5E-05	0.01958	3.8E-07	0.0211	1.78E-03	7.91905E-05	0.02412	2.11E-07	2.60E-02	0.001571	6.09E-05	0.04593	2.17E-07	0.047562

58	486223.61	3855286.51	0.74198	0.70446	0.86351	0.32613	1.39E-03	6.2E-05	0.01875	3.6E-07	0.02021	1.71E-03	7.5731E-05	0.023095	2.04E-07	2.49E-02	0.001507	5.83E-05	0.043979	2.11E-07	0.045544
59	486123.61	3855336.51	0.86134	0.74619	1.02833	0.3949	1.62E-03	6.5E-05	0.02233	4.4E-07	0.02402	1.98E-03	8.02171E-05	0.027503	2.47E-07	2.96E-02	0.001749	6.17E-05	0.052373	2.55E-07	0.054184
60	486173.61	3855336.51	0.82261	0.71444	0.97966	0.38022	1.55E-03	6.3E-05	0.02127	4.2E-07	0.02288	1.89E-03	7.68039E-05	0.026202	2.38E-07	2.82E-02	0.00167	5.91E-05	0.049895	2.46E-07	0.051624
61	486223.61	3855336.51	0.78506	0.68294	0.93263	0.36607	1.48E-03	6E-05	0.02025	4.1E-07	0.02179	1.81E-03	7.34176E-05	0.024944	2.29E-07	2.68E-02	0.001594	5.65E-05	0.047499	2.36E-07	0.04915
62	486123.61	3855386.51	0.91452	0.71344	1.11269	0.44353	1.72E-03	6.3E-05	0.02416	5E-07	0.02594	2.11E-03	7.66964E-05	0.02976	2.77E-07	3.19E-02	0.001857	5.9E-05	0.05667	2.87E-07	0.058586
63	486173.61	3855386.51	0.87184	0.6853	1.058	0.42556	1.64E-03	6E-05	0.02298	4.8E-07	0.02467	2.01E-03	7.36713E-05	0.028297	2.66E-07	3.04E-02	0.00177	5.67E-05	0.053885	2.75E-07	0.055712
64	486223.61	3855386.51	0.83366	0.6589	1.00932	0.40948	1.57E-03	5.8E-05	0.02192	4.6E-07	0.02354	1.92E-03	7.08332E-05	0.026995	2.56E-07	2.90E-02	0.001693	5.45E-05	0.051405	2.65E-07	0.053153
65	486533.18	3855443.15	0.70181	0.51265	0.85519	0.37343	1.32E-03	4.5E-05	0.01857	4.2E-07	0.01994	1.62E-03	5.5111E-05	0.022873	2.34E-07	2.45E-02	0.001425	4.24E-05	0.043555	2.41E-07	0.045023
66	486583.18	3855443.15	0.67622	0.49684	0.82228	0.36165	1.27E-03	4.4E-05	0.01786	4E-07	0.01917	1.56E-03	5.34114E-05	0.021992	2.26E-07	2.36E-02	0.001373	4.11E-05	0.041879	2.34E-07	0.043293
67	486633.18	3855443.15	0.65224	0.48181	0.79145	0.35056	1.23E-03	4.2E-05	0.01719	3.9E-07	0.01846	1.50E-03	5.17957E-05	0.021168	2.19E-07	2.27E-02	0.001324	3.98E-05	0.040309	2.26E-07	0.041673
68	486683.18	3855443.15	0.63388	0.46986	0.76792	0.34194	1.19E-03	4.1E-05	0.01668	3.8E-07	0.01791	1.46E-03	5.0511E-05	0.020539	2.14E-07	2.20E-02	0.001287	3.89E-05	0.039111	2.21E-07	0.040437
69	486533.18	3855493.15	0.73648	0.49287	0.9103	0.40619	1.38E-03	4.3E-05	0.01977	4.5E-07	0.0212	1.70E-03	5.29846E-05	0.024347	2.54E-07	2.61E-02	0.001495	4.08E-05	0.046362	2.62E-07	0.047898
70	486583.18	3855493.15	0.71072	0.4797	0.87672	0.3935	1.34E-03	4.2E-05	0.01904	4.4E-07	0.02042	1.64E-03	5.15688E-05	0.023448	2.46E-07	2.51E-02	0.001443	3.97E-05	0.044652	2.54E-07	0.046135
71	486633.18	3855493.15	0.68546	0.46661	0.84379	0.38106	1.29E-03	4.1E-05	0.01832	4.3E-07	0.01965	1.58E-03	5.01616E-05	0.022568	2.38E-07	2.42E-02	0.001392	3.86E-05	0.042975	2.46E-07	0.044405
72	486683.18	3855493.15	0.66205	0.45418	0.81329	0.36954	1.24E-03	4E-05	0.01766	4.1E-07	0.01895	1.52E-03	4.88254E-05	0.021752	2.31E-07	2.33E-02	0.001344	3.76E-05	0.041421	2.39E-07	0.042803
73	486533.18	3855543.15	0.7757	0.4726	0.97125	0.44148	1.46E-03	4.1E-05	0.02109	4.9E-07	0.02259	1.79E-03	5.08056E-05	0.025977	2.76E-07	2.78E-02	0.001575	3.91E-05	0.049466	2.85E-07	0.051081
74	486583.18	3855543.15	0.74219	0.45843	0.92701	0.42445	1.39E-03	4E-05	0.02013	4.7E-07	0.02157	1.71E-03	4.92823E-05	0.024794	2.65E-07	2.66E-02	0.001507	3.79E-05	0.047213	2.74E-07	0.048758
75	486633.18	3855543.15	0.71668	0.44763	0.89341	0.41113	1.35E-03	3.9E-05	0.0194	4.6E-07	0.02079	1.65E-03	4.81212E-05	0.023895	2.57E-07	2.56E-02	0.001455	3.7E-05	0.045502	2.66E-07	0.046994
76	486683.18	3855543.15	0.68651	0.43427	0.85364	0.39579	1.29E-03	3.8E-05	0.01854	4.4E-07	0.01987	1.58E-03	4.6685E-05	0.022831	2.48E-07	2.45E-02	0.001394	3.59E-05	0.043476	2.56E-07	0.044906
77	486533.18	3855593.15	0.81331	0.45014	1.02975	0.47633	1.53E-03	3.9E-05	0.02236	5.3E-07	0.02393	1.87E-03	4.83911E-05	0.027541	2.98E-07	2.95E-02	0.001651	3.72E-05	0.052446	3.08E-07	0.054135
78	486583.18	3855593.15	0.77975	0.43838	0.98508	0.45839	1.47E-03	3.8E-05	0.02139	5.1E-07	0.0229	1.80E-03	4.71268E-05	0.026347	2.87E-07	2.82E-02	0.001583	3.63E-05	0.050171	2.96E-07	0.05179
79	486633.18	3855593.15	0.74993	0.42793	0.94545	0.44233	1.41E-03	3.8E-05	0.02053	4.9E-07	0.02198	1.73E-03	4.60034E-05	0.025287	2.77E-07	2.71E-02	0.001523	3.54E-05	0.048152	2.86E-07	0.049711
80	486683.18	3855593.15	0.72488	0.41915	0.91217	0.42859	1.36E-03	3.7E-05	0.01981	4.8E-07	0.02121	1.67E-03	4.50596E-05	0.024397	2.68E-07	2.61E-02	0.001472	3.47E-05	0.046457	2.77E-07	0.047964
81	486533.18	3855643.15	0.85464	0.42872	1.09289	0.51297	1.61E-03	3.8E-05	0.02373	5.7E-07	0.02538	1.97E-03	4.60884E-05	0.02923	3.21E-07	3.12E-02	0.001735	3.55E-05	0.055662	3.31E-07	0.057433
82	486583.18	3855643.15	0.8199	0.41858	1.04633	0.49365	1.54E-03	3.7E-05	0.02272	5.5E-07	0.0243	1.89E-03	4.49983E-05	0.027985	3.09E-07	2.99E-02	0.001665	3.46E-05	0.05329	3.19E-07	0.05499
83	486633.18	3855643.15	0.78741	0.40914	1.00284	0.47558	1.48E-03	3.6E-05	0.02178	5.3E-07	0.02329	1.81E-03	4.39835E-05	0.026822	2.97E-07	2.87E-02	0.001599	3.38E-05	0.051075	3.07E-07	0.052708
84	486683.18	3855643.15	0.75861	0.40079	0.96428	0.45941	1.43E-03	3.5E-05	0.02094	5.1E-07	0.0224	1.75E-03	4.30858E-05	0.02579	2.87E-07	2.76E-02	0.00154	3.31E-05	0.049111	2.97E-07	0.050685
85	486533.18	3855693.15	0.90326	0.40977	1.1655	0.55304	1.70E-03	3.6E-05	0.02531	6.2E-07	0.02704	2.08E-03	4.40512E-05	0.031172	3.46E-07	3.33E-02	0.001834	3.39E-05	0.05936	3.57E-07	0.061228
86	486583.18	3855693.15	0.85905	0.39859	1.10588	0.52827	1.61E-03	3.5E-05	0.02402	5.9E-07	0.02567	1.98E-03	4.28493E-05	0.029578	3.3E-07	3.16E-02	0.001744	3.3E-05	0.056323	3.41E-07	0.058101
87	486633.18	3855693.15	0.8172	0.38788	1.0495	0.505	1.54E-03	3.4E-05	0.02279	5.6E-07	0.02436	1.88E-03	4.1698E-05	0.02807	3.16E-07	3.00E-02	0.001659	3.21E-05	0.053452	3.26E-07	0.055143
88	486683.18	3855693.15	0.79397	0.38291	1.01825	0.49091	1.49E-03	3.4E-05	0.02211	5.5E-07	0.02364	1.83E-03	4.11637E-05	0.027234	3.07E-07	2.91E-02	0.001612	3.17E-05	0.05186	3.17E-07	0.053504
89	486733.18	3855693.15	0.77812	0.38023	0.99689	0.48076	1.46E-03	3.3E-05	0.02165	5.4E-07	0.02314	1.79E-03	4.08756E-05	0.026662	3.01E-07	2.85E-02	0.00158	3.14E-05	0.050772	3.11E-07	0.052384
90	486783.18	3855693.15	0.76597	0.37849	0.98053	0.47298	1.44E-03	3.3E-05	0.02129	5.3E-07	0.02277	1.76E-03	4.06885E-05	0.026225	2.96E-07	2.80E-02	0.001555	3.13E-05	0.049939	3.06E-07	0.051526
91	486533.18	3855743.15	0.95048	0.39109	1.23584	0.59199	1.79E-03	3.4E-05	0.02684	6.6E-07	0.02866	2.19E-03	4.20431E-05	0.033053	3.7E-07	3.53E-02	0.00193	3.23E-05	0.062942	3.82E-07	0.064905
92	486583.18	3855743.15	0.89697	0.37917	1.16333	0.5619	1.69E-03	3.3E-05	0.02526	6.3E-07	0.02698	2.07E-03	4.07616E-05	0.031114	3.51E-07	3.32E-02	0.001821	3.14E-05	0.059249	3.63E-07	0.061102
93	486633.18	3855743.15	0.85791	0.37086	1.11049	0.53933	1.61E-03	3.3E-05	0.02412	6E-07	0.02576	1.98E-03	3.98683E-05	0.029701	3.37E-07	3.17E-02	0.001742	3.07E-05	0.056558	3.48E-07	0.058331
94	486683.18	3855743.15	0.83724	0.36776	1.08258	0.52607	1.57E-03	3.2E-05	0.02351	5.9E-07	0.02512	1.93E-03	3.9535E-05	0.028954	3.29E-07	3.09E-02	0.0017	3.04E-05	0.055136	3.4E-07	0.056867
95	486733.18	3855743.15	0.81239	0.36344	1.04892	0.51098	1.53E-03	3.2E-05	0.02278	5.7E-07	0.02434	1.87E-03	3.90706E-05	0.028054	3.2E-07	3.00E-02	0.001649	3.01E-05	0.053422	3.3E-07	0.055102
96	486783.18	3855743.15	0.80313	0.36345	1.03641	0.50451	1.51E-03	3.2E-05	0.02251	5.6E-07	0.02405	1.85E-03	3.90717E-05	0.027719	3.16E-07	2.96E-02	0.001631	3.01E-05	0.052785	3.26E-07	0.054446
97	486533.18	3855793.15	1.00275	0.3747	1.31264	0.63289	1.88E-03	3.3E-05	0.02851	7.1E-07	0.03042	2.31E-03	4.02811E-05	0.035107	3.96E-07	3.75E-02	0.002036	3.1E-05	0.066854	4.09E-07	0.068921
98	486583.18	3855793.15	0.93411	0.36099	1.21923	0.59462	1.76E-03	3.2E-05	0.02648	6.6E-07	0.02826	2.15E-03	3.88072E-05	0.032609	3.72E-07	3.48E-02	0.001897	2.99E-05	0.062096	3.84E-07	0.064023
99	486633.18	3855793.15	0.90877	0.35717	1.18498	0.57825	1.71E-03	3.1E-05	0.02573	6.5E-07	0.02747	2.09E-03	3.83966E-05	0.031693	3.62E-07	3.38E-02	0.001845	2.95E-05	0.060352	3.74E-07	0.062227
100	486683.18	3855793.15	0.88636	0.35447	1.15462	0.56388	1.67E-03	3.1E-05	0.02507	6.3E-07	0.02677	2.04E-03	3.81063E-05	0.030881	3.53E-07	3.30E-02	0.0018	2.93E-05	0.058805	3.64E-07	0.060635
101	486733.18	3855793.15	0.86159	0.35132	1.12097	0.54874	1.62E-03	3.1E-05	0.02434	6.1E-07	0.02599	1.98E-03	3.77677E-05	0.029981	3.43E-07	3.20E-02	0.001749	2.91E-05	0.057092	3.54E-07	0.05887
102	486783.18	3855793.15	0.84056	0.34892	1.0924	0.53563	1.58E-03	3.1E-05	0.02372	6E-07	0.02533	1.94E-03	3.75097E-05	0.029217	3.35E-07	3.12E-02	0.001707	2.89E-05	0.055637	3.46E-07	0.057372
103	486533.18	3855843.15	1.04878	0.3584	1.3804	0.66968	1.97E-03	3.1E-05	0.02998	7.5E-07	0.03198	2.42E-03	3.85288E-05	0.03692	4.19E-07	3.94E-02	0.002129	2.96E-05	0.070305	4.33E-07	0.072464
104	486583.18	3855843.15	0.98672	0.34766	1.29589	0.63427	1.85E-03	3E-05	0.02814	7.1E-07	0.03003	2.27E-03	3.73742E-05	0.034659	3.97E-07	3.70E-02	0.002003	2.88E-05	0.066	4.1E-07	0.068033
105	486633.18	3855843.15	0.95954	0.34405	1.2591	0.6166	1.80E-03	3E-05	0.02734	6.9E-07	0.02918	2.21E-03	3.69861E-05	0.033675	3.86E-07	3.59E-02	0.001948	2.85E-05	0.064127	3.98E-07	0.066104
106	486683.18	3855843.15	0.93443	0.34141	1.22501	0.60056	1.76E-03	3E-05	0.0266	6.7E-07	0.02839	2.15E-03	3.67023E-05	0.032764	3.76E-07	3.50E-02	0.001897	2.82E-05	0.06239	3.88E-07	0.064316
107	486733.18	3855843.15	0.91045	0.33933	1.19239	0.58559	1.71E-03	3E-05	0.02589	6.5E-07	0.02764	2.10E-03	3.64787E-05	0.031891	3.66E-07	3.40E-02	0.001849	2.81E-05	0.060729	3.78E-07	0.062606
108	486783.18	3855843.15	0.8859	0.33703	1.15895	0.57057	1.66E-03	3E-05	0.02517	6.4E-07	0.02686	2.04E-03	3.62315E-05	0.030997	3.57E-07	3.31E-02	0.001799	2.79E-05	0.059026	3.69E-07	0.060853
109	486533.18	3855893.15	1.0842	0.34198	1.43307	0.70071	2.04E-03	3E-05	0.03112	7.8E-07	0.03319	2.50E-03	3.67636E-05	0.038328	4.38E-07	4.09E-02	0.002201	2.83E-05	0.072987	4.53E-07	0.075217
110	486583.18	3855893.15	1.04878	0.33703	1.38524	0.67795	1.97E-03	3E-05	0.03008	7.6E-07	0.03208	2.42E-03	3.62315E-05	0.037049	4.24E-07	3.95E-02	0.002129	2.79E-05	0.070551	4.38E-07	0.072709
111	486633.18	3855893.15	1.01452	0.33263	1.33875	0.65637	1.91E-03	2.9E-05	0.02907	7.3E-07	0.03101	2.34E-03	3.57585E-05	0.035806	4.11E-07	3.82E-02	0.00206	2.75E-05	0.068183	4.24E-07	0.070271
112	486683.18	3855893.15	0.98628	0.32991	1.30038	0.63845	1.85E-03	2.9E-05	0.02824	7.1E-07	0.03012	2.27E-03	3.54661E-05	0.03478	3.99E-07	3.71E-02	0.002003	2.73E-05	0.066229	4.12E-07	0.068259
113	486733.18	3855893.15	0.95962	0.32796	1.26405	0.62189	1.80E-03	2.9E-05	0.02745	6.9E-07	0.02928	2.21E-03	3.52564E-05	0.033808	3.89E-07	3.61E-02	0.001948	2.71E-05	0.064379	4.02E-07	0.066355
114	486783.18	3855893.15	0.93696	0.32691	1.23316	0.60809	1.76E-03	2.9E-05	0.02678	6.8E-07	0.02857	2.16E-03	3.51436E-05	0.032982	3.8E-07	3.52E-02	0.001902	2.7E-05	0.062806	3.93E-07	0.064735
115	486533.18	3855943.15	1.14541	0.33132	1.5208	0.74391	2.15E-03	2.9E-05	0.03303	8.3E-07	0.03521	2.64E-03	3.56176E-05	0.040675	4.65E-07	4.33E-02	0.002326	2.74E-05	0.077455	4.81E-07	0.079809
116	486583.18	3855943.15	1.11718	0.32812	1.48311	0.72413	2.10E-03	2.9E-05	0.03221	8.1E-07	0.03434	2.57E-03	3.52736E-05	0.039667	4.53E-07	4.23E-02	0.002268	2.71E-05	0.075536	4.68E-07	0.077832
117	486633.18	3855943.15	1.07517	0.32304	1.42599	0.69824	2.02E-03	2.8E-05	0.03097	7.8E-07	0.03302	2.48E-03	3.47275E-05	0.038139	4.37E-07	4.07E-02	0.002183	2.67E-05	0.072626	4.51E-07	0.074837
118	486683.18	3855943.15	1.04699	0.32077	1.38773	0.68027	1.97E-03	2.8E-05	0.03014	7.6E-07	0.03213	2.41E-03	3.44835E-05	0.037116	4.25E-07	3.96E-02	0.002126	2.65E-05	0.070678	4.39E-07	0.072831

119	486733.18	3855943.15	1.0136	0.31823	1.34212	0.6599	1.90E-03	2.8E-05	0.02915	7.4E-07	0.03108	2.33E-03	3.42104E-05	0.035896	4.13E-07	3.83E-02	0.002058	2.63E-05	0.068355	4.26E-07	0.07044
120	486783.18	3855943.15	0.98957	0.3176	1.30931	0.64553	1.86E-03	2.8E-05	0.02843	7.2E-07	0.03032	2.28E-03	3.41427E-05	0.035018	4.04E-07	3.73E-02	0.002009	2.63E-05	0.066684	4.17E-07	0.06872
121	486533.18	3855993.15	1.22468	0.32381	1.63303	0.79504	2.30E-03	2.8E-05	0.03546	8.9E-07	0.03779	2.82E-03	3.48103E-05	0.043676	4.97E-07	4.65E-02	0.002487	2.68E-05	0.083171	5.14E-07	0.085685
122	486583.18	3855993.15	1.18321	0.31946	1.57731	0.76817	2.22E-03	2.8E-05	0.03425	8.6E-07	0.03651	2.72E-03	3.43427E-05	0.042186	4.8E-07	4.49E-02	0.002402	2.64E-05	0.080333	4.96E-07	0.082763
123	486633.18	3855993.15	1.14265	0.31522	1.52235	0.74266	2.15E-03	2.8E-05	0.03306	8.3E-07	0.03524	2.63E-03	3.38869E-05	0.040716	4.64E-07	4.34E-02	0.00232	2.61E-05	0.077534	4.8E-07	0.079881
124	486683.18	3855993.15	1.11008	0.31266	1.4781	0.72223	2.09E-03	2.7E-05	0.0321	8.1E-07	0.03421	2.56E-03	3.36117E-05	0.039533	4.52E-07	4.21E-02	0.002254	2.59E-05	0.07528	4.67E-07	0.077561
125	486733.18	3855993.15	1.07454	0.31037	1.42952	0.70074	2.02E-03	2.7E-05	0.03104	7.8E-07	0.03309	2.47E-03	3.33655E-05	0.038233	4.38E-07	4.07E-02	0.002182	2.57E-05	0.072806	4.53E-07	0.075014
126	486783.18	3855993.15	1.04407	0.30926	1.38782	0.68274	1.96E-03	2.7E-05	0.03014	7.6E-07	0.03213	2.40E-03	3.32461E-05	0.037118	4.27E-07	3.96E-02	0.00212	2.56E-05	0.070682	4.41E-07	0.072828
127	486533.18	3856043.15	1.30985	0.31691	1.75256	0.84805	2.46E-03	2.8E-05	0.03806	9.5E-07	0.04055	3.02E-03	3.40685E-05	0.046873	5.3E-07	4.99E-02	0.002659	2.62E-05	0.089259	5.48E-07	0.091945
128	486583.18	3856043.15	1.2667	0.31339	1.69495	0.81977	2.38E-03	2.7E-05	0.03681	9.2E-07	0.03922	2.92E-03	3.36901E-05	0.045333	5.13E-07	4.83E-02	0.002572	2.59E-05	0.086325	5.3E-07	0.088923
129	486633.18	3856043.15	1.21733	0.30884	1.62811	0.78947	2.29E-03	2.7E-05	0.03536	8.8E-07	0.03767	2.80E-03	3.3201E-05	0.043545	4.94E-07	4.64E-02	0.002472	2.55E-05	0.082921	5.1E-07	0.085418
130	486683.18	3856043.15	1.18178	0.30636	1.57995	0.76753	2.22E-03	2.7E-05	0.03431	8.6E-07	0.03656	2.72E-03	3.29344E-05	0.042257	4.8E-07	4.50E-02	0.002399	2.53E-05	0.080468	4.96E-07	0.082893
131	486733.18	3856043.15	1.13969	0.30371	1.52236	0.74245	2.14E-03	2.7E-05	0.03306	8.3E-07	0.03523	2.62E-03	3.26495E-05	0.040717	4.64E-07	4.34E-02	0.002314	2.51E-05	0.077535	4.8E-07	0.079874
132	486783.18	3856043.15	1.10993	0.30332	1.48122	0.72545	2.09E-03	2.7E-05	0.03217	8.1E-07	0.03428	2.56E-03	3.26076E-05	0.039616	4.54E-07	4.22E-02	0.002254	2.51E-05	0.075439	4.69E-07	0.077719
133	486533.18	3856093.15	1.41687	0.31162	1.89914	0.90915	2.66E-03	2.7E-05	0.04124	1E-06	0.04393	3.26E-03	3.34998E-05	0.050794	5.69E-07	5.41E-02	0.002877	2.58E-05	0.096724	5.87E-07	0.099627
134	486583.18	3856093.15	1.3591	0.30792	1.82225	0.8734	2.55E-03	2.7E-05	0.03957	9.8E-07	0.04215	3.13E-03	3.31021E-05	0.048737	5.46E-07	5.19E-02	0.002759	2.55E-05	0.092808	5.64E-07	0.095594
135	486633.18	3856093.15	1.30506	0.30397	1.74981	0.84077	2.45E-03	2.7E-05	0.038	9.4E-07	0.04048	3.01E-03	3.26775E-05	0.0468	5.26E-07	4.98E-02	0.00265	2.51E-05	0.089119	5.43E-07	0.091794
136	486683.18	3856093.15	1.26109	0.30118	1.69025	0.81449	2.37E-03	2.6E-05	0.03671	9.1E-07	0.0391	2.90E-03	3.23775E-05	0.045207	5.09E-07	4.81E-02	0.00256	2.49E-05	0.086085	5.26E-07	0.088671
137	486733.18	3856093.15	1.21557	0.29882	1.6284	0.78817	2.28E-03	2.6E-05	0.03536	8.8E-07	0.03767	2.80E-03	3.21238E-05	0.043553	4.93E-07	4.64E-02	0.002468	2.47E-05	0.082935	5.09E-07	0.085429
138	486783.18	3856093.15	1.17801	0.29806	1.57694	0.76725	2.21E-03	2.6E-05	0.03424	8.6E-07	0.03649	2.71E-03	3.20421E-05	0.042176	4.8E-07	4.49E-02	0.002392	2.46E-05	0.080314	4.96E-07	0.082731
139	486533.18	3856143.15	1.53695	0.30634	2.05971	0.9728	2.89E-03	2.7E-05	0.04473	1.1E-06	0.04764	3.54E-03	3.29322E-05	0.055088	6.08E-07	5.87E-02	0.003121	2.53E-05	0.104902	6.28E-07	0.108049
140	486583.18	3856143.15	1.46243	0.30282	1.9618	0.92917	2.75E-03	2.7E-05	0.0426	1E-06	0.04538	3.37E-03	3.25538E-05	0.05247	5.81E-07	5.59E-02	0.002969	2.5E-05	0.099916	6E-07	0.102911
141	486633.18	3856143.15	1.40502	0.29997	1.88666	0.89546	2.64E-03	2.6E-05	0.04097	1E-06	0.04364	3.24E-03	3.22474E-05	0.05046	5.6E-07	5.37E-02	0.002853	2.48E-05	0.096089	5.78E-07	0.098967
142	486683.18	3856143.15	1.34997	0.29705	1.81298	0.86405	2.54E-03	2.6E-05	0.03937	9.7E-07	0.04193	3.11E-03	3.19335E-05	0.048489	5.4E-07	5.16E-02	0.002741	2.46E-05	0.092336	5.58E-07	0.095102
143	486733.18	3856143.15	1.29921	0.29499	1.7446	0.83594	2.44E-03	2.6E-05	0.03789	9.3E-07	0.04035	2.99E-03	3.17121E-05	0.046661	5.23E-07	4.97E-02	0.002638	2.44E-05	0.088853	5.4E-07	0.091516
144	486783.18	3856143.15	1.2607	0.29495	1.69204	0.81618	2.37E-03	2.6E-05	0.03674	9.1E-07	0.03914	2.90E-03	3.17078E-05	0.045255	5.1E-07	4.82E-02	0.00256	2.44E-05	0.086177	5.27E-07	0.088761
145	486533.18	3856193.15	1.68958	0.30245	2.26043	1.04644	3.18E-03	2.7E-05	0.04909	1.2E-06	0.05229	3.89E-03	3.25141E-05	0.060457	6.54E-07	6.44E-02	0.00343	2.5E-05	0.115125	6.76E-07	0.118581
146	486583.18	3856193.15	1.59074	0.29912	2.13439	0.99352	2.99E-03	2.6E-05	0.04635	1.1E-06	0.04937	3.66E-03	3.21561E-05	0.057086	6.21E-07	6.08E-02	0.00323	2.47E-05	0.108706	6.42E-07	0.111961
147	486633.18	3856193.15	1.51982	0.29674	2.04218	0.95424	2.86E-03	2.6E-05	0.04435	1.1E-06	0.04723	3.50E-03	3.19002E-05	0.054619	5.97E-07	5.82E-02	0.003086	2.45E-05	0.104009	6.16E-07	0.10712
148	486683.18	3856193.15	1.46074	0.2949	1.96495	0.92316	2.75E-03	2.6E-05	0.04267	1E-06	0.04544	3.36E-03	3.17024E-05	0.052554	5.77E-07	5.60E-02	0.002966	2.44E-05	0.100076	5.96E-07	0.103067
149	486733.18	3856193.15	1.39632	0.29262	1.87903	0.88925	2.62E-03	2.6E-05	0.04081	9.9E-07	0.04346	3.22E-03	3.14573E-05	0.050256	5.56E-07	5.35E-02	0.002835	2.42E-05	0.0957	5.74E-07	0.09856
150	486783.18	3856193.15	1.34837	0.2926	1.81442	0.86659	2.53E-03	2.6E-05	0.0394	9.7E-07	0.04196	3.11E-03	3.14552E-05	0.048528	5.42E-07	5.17E-02	0.002738	2.42E-05	0.092409	5.6E-07	0.095172
151	486533.18	3856243.15	1.86532	0.29948	2.49099	1.12664	3.51E-03	2.6E-05	0.05409	1.3E-06	0.05763	4.30E-03	3.21948E-05	0.066623	7.05E-07	7.10E-02	0.003787	2.48E-05	0.126868	7.28E-07	0.13068
152	486583.18	3856243.15	1.75239	0.29729	2.34942	1.06976	3.29E-03	2.6E-05	0.05102	1.2E-06	0.05434	4.04E-03	3.19593E-05	0.062837	6.69E-07	6.69E-02	0.003558	2.46E-05	0.119657	6.91E-07	0.123241
153	486633.18	3856243.15	1.6567	0.29496	2.22697	1.02141	3.11E-03	2.6E-05	0.04836	1.1E-06	0.0515	3.82E-03	3.17089E-05	0.059562	6.39E-07	6.34E-02	0.003364	2.44E-05	0.113421	6.6E-07	0.11681
154	486683.18	3856243.15	1.57625	0.29294	2.1235	0.98191	2.96E-03	2.6E-05	0.04611	1.1E-06	0.0491	3.63E-03	3.14917E-05	0.056794	6.14E-07	6.05E-02	0.0032	2.42E-05	0.108151	6.34E-07	0.111376
155	486733.18	3856243.15	1.50844	0.29169	2.033	0.9495	2.83E-03	2.6E-05	0.04415	1.1E-06	0.04701	3.47E-03	3.13573E-05	0.054374	5.94E-07	5.79E-02	0.003063	2.41E-05	0.103542	6.13E-07	0.106629
156	486783.18	3856243.15	1.44225	0.29093	1.94443	0.91787	2.71E-03	2.6E-05	0.04223	1E-06	0.04496	3.32E-03	3.12756E-05	0.052005	5.74E-07	5.54E-02	0.002928	2.41E-05	0.099031	5.93E-07	0.101984
157	486533.18	3856293.15	2.08583	0.2991	2.77519	1.22142	3.92E-03	2.6E-05	0.06027	1.4E-06	0.06421	4.80E-03	3.21539E-05	0.074224	7.64E-07	7.91E-02	0.004235	2.47E-05	0.141342	7.89E-07	0.145603
158	486583.18	3856293.15	1.93648	0.29669	2.59137	1.15262	3.64E-03	2.6E-05	0.05627	1.3E-06	0.05994	4.46E-03	3.18948E-05	0.069308	7.21E-07	7.38E-02	0.003932	2.45E-05	0.13198	7.45E-07	0.135937
159	486633.18	3856293.15	1.81591	0.29467	2.43963	1.09655	3.41E-03	2.6E-05	0.05298	1.2E-06	0.05642	4.18E-03	3.16777E-05	0.06525	6.86E-07	6.95E-02	0.003687	2.44E-05	0.124252	7.08E-07	0.127964
160	486683.18	3856293.15	1.71462	0.29276	2.30932	1.04945	3.22E-03	2.6E-05	0.05015	1.2E-06	0.0534	3.95E-03	3.14724E-05	0.061764	6.56E-07	6.57E-02	0.003481	2.42E-05	0.117615	6.78E-07	0.121121
161	486733.18	3856293.15	1.63142	0.29183	2.20231	1.01348	3.07E-03	2.6E-05	0.04783	1.1E-06	0.05092	3.76E-03	3.13724E-05	0.058902	6.34E-07	6.27E-02	0.003312	2.41E-05	0.112165	6.55E-07	0.115502
162	486783.18	3856293.15	1.55121	0.291	2.09521	0.97666	2.92E-03	2.6E-05	0.0455	1.1E-06	0.04844	3.57E-03	3.12832E-05	0.056038	6.11E-07	5.96E-02	0.00315	2.41E-05	0.10671	6.31E-07	0.109884
163	486783.18	3856343.15	1.67866	0.29432	2.26973	1.04616	3.15E-03	2.6E-05	0.04929	1.2E-06	0.05247	3.87E-03	3.16401E-05	0.060705	6.54E-07	6.46E-02	0.003408	2.43E-05	0.115599	6.76E-07	0.119032
164	486833.18	3856343.15	1.59373	0.29463	2.15577	1.01102	2.99E-03	2.6E-05	0.04681	1.1E-06	0.04984	3.67E-03	3.16734E-05	0.057658	6.32E-07	6.14E-02	0.003236	2.44E-05	0.109795	6.53E-07	0.113055
165	486883.18	3856343.15	1.51845	0.29578	2.05326	0.98051	2.85E-03	2.6E-05	0.04459	1.1E-06	0.04747	3.50E-03	3.1797E-05	0.054916	6.13E-07	5.84E-02	0.003083	2.45E-05	0.104574	6.33E-07	0.107682
166	486783.18	3856393.15	1.81553	0.29795	2.45484	1.11409	3.41E-03	2.6E-05	0.05331	1.2E-06	0.05675	4.18E-03	3.20303E-05	0.065656	6.97E-07	6.99E-02	0.003686	2.46E-05	0.125026	7.2E-07	0.128738
167	486833.18	3856393.15	1.71395	0.29812	2.31946	1.07455	3.22E-03	2.6E-05	0.05037	1.2E-06	0.05362	3.95E-03	3.20486E-05	0.062036	6.72E-07	6.60E-02	0.00348	2.47E-05	0.118131	6.94E-07	0.121637
168	486883.18	3856393.15	1.62135	0.29876	2.19502	1.03519	3.05E-03	2.6E-05	0.04767	1.2E-06	0.05074	3.73E-03	3.21174E-05	0.058707	6.47E-07	6.25E-02	0.003292	2.47E-05	0.111794	6.69E-07	0.115111
169	487208.74	3856886.11	2.16888	0.70563	2.95279	1.55574	4.08E-03	6.2E-05	0.06412	1.7E-06	0.06826	4.99E-03	7.58568E-05	0.078974	9.73E-07	8.40E-02	0.004404	5.84E-05	0.150387	1E-06	0.15485
170	487258.74	3856886.11	1.98077	0.72251	2.72515	1.48424	3.72E-03	6.3E-05	0.05918	1.7E-06	0.06297	4.56E-03	7.76714E-05	0.072886	9.28E-07	7.75E-02	0.004022	5.98E-05	0.138793	9.59E-07	0.142876
171	487308.74	3856886.11	1.82121	0.74759	2.5308	1.42466	3.42E-03	6.6E-05	0.05496	1.6E-06	0.05845	4.19E-03	8.03676E-05	0.067688	8.91E-07	7.20E-02	0.003698	6.18E-05	0.128895	9.2E-07	0.132656
172	487358.74	3856886.11	1.68756	0.78284	2.36451	1.3678	3.17E-03	6.9E-05	0.05135	1.5E-06	0.05459	3.89E-03	8.41571E-05	0.06324	8.55E-07	6.72E-02	0.003426	6.47E-05	0.120426	8.84E-07	0.123918
173	487208.74	3856936.11	2.30254	0.92831	3.23183	1.68494	4.33E-03	8.1E-05	0.07018	1.9E-06	0.07459	5.30E-03	9.97954E-05	0.086437	1.05E-06	9.18E-02	0.004675	7.68E-05	0.164599	1.09E-06	0.169352
174	487258.74	3856936.11	2.06062	0.97129	2.94835	1.59822	3.87E-03	8.5E-05	0.06403	1.8E-06	0.06799	4.75E-03	0.000104416	0.078856	1E-06	8.37E-02	0.004184	8.03E-05	0.150161	1.03E-06	0.154426
175	487308.74	3856936.11	1.86945	1.02812	2.70968	1.52832	3.51E-03	9E-05	0.05884	1.7E-06	0.06245	4.30E-03	0.000110525	0.072472	9.56E-07	7.69E-02	0.003796	8.5E-05	0.138006	9.87E-07	0.141887
176	487358.74	3856936.11	1.71726	1.0917	2.50724	1.4648	3.23E-03	9.6E-05	0.05445	1.6E-06	0.05777	3.95E-03	0.00011736	0.067058	9.16E-07	7.11E-02	0.003487	9.03E-05	0.127695	9.46E-07	0.131273
177	487208.74	3856986.11	2.29145	1.40059	3.58885	1.84091	4.31E-03	0.00012	0.07794	2.1E-06	0.08237	5.28E-03	0.000150567	0.095986	1.15E-06	1.01E-01	0.004653	0.000116	0.182782	1.19E-06	0.187552
178	487258.74	3856986.11	2.03889	1.50062	3.20832	1.74039	3.83E-03	0.00013	0.06967	1.9E-06	0.07364	4.70E-03	0.00016132	0.085809	1.09E-06	9.07E-02	0.00414	0.000124	0.163402	1.12E-06	0.167667
179	487308.74	3856986.11	1.85314	1.59693	2.91077	1.64531	3.48E-03	0.00014	0.06321	1.8E-06	0.06683	4.27E-03	0.000171674	0.077851	1.03E-06	8.23E-02	0.003763	0.000132	0.148247	1.06E-06	0.152143

180	487358.74	3856986.11	1.70087	1.66629	2.65456	1.57625	3.20E-03	0.00015	0.05765	1.8E-06	0.06099	3.92E-03	0.00017913	0.070998	9.86E-07	7.51E-02	0.003453	0.000138	0.135198	1.02E-06	0.13879
181	487208.74	3857036.11	2.12943	2.70773	4.05272	2.03543	4.00E-03	0.00024	0.08801	2.3E-06	0.09225	4.90E-03	0.000291087	0.108393	1.27E-06	1.14E-01	0.004324	0.000224	0.206407	1.31E-06	0.210956
182	487258.74	3857036.11	1.94008	2.735	3.52083	1.8965	3.65E-03	0.00024	0.07646	2.1E-06	0.08035	4.47E-03	0.000294019	0.094167	1.19E-06	9.89E-02	0.003939	0.000226	0.179318	1.23E-06	0.183484
183	487308.74	3857036.11	1.78281	2.7161	3.1119	1.79292	3.35E-03	0.00024	0.06758	2E-06	0.07117	4.11E-03	0.000291987	0.08323	1.12E-06	8.76E-02	0.00362	0.000225	0.158491	1.16E-06	0.162336
184	487358.74	3857036.11	1.65385	2.68227	2.79386	1.70312	3.11E-03	0.00024	0.06067	1.9E-06	0.06402	3.81E-03	0.00028835	0.074724	1.07E-06	7.88E-02	0.003358	0.000222	0.142293	1.1E-06	0.145874
185	487427.14	3856878.23	1.52601	0.80261	2.14546	1.30084	2.87E-03	7E-05	0.04659	1.5E-06	0.04953	3.51E-03	8.62824E-05	0.057382	8.14E-07	6.10E-02	0.003098	6.64E-05	0.10927	8.4E-07	0.112435
186	487477.14	3856878.23	1.43245	0.84678	2.0203	1.26326	2.69E-03	7.4E-05	0.04387	1.4E-06	0.04664	3.30E-03	9.10307E-05	0.054034	7.9E-07	5.74E-02	0.002908	7E-05	0.102895	8.16E-07	0.105874
187	487527.14	3856878.23	1.35102	0.89084	1.90814	1.22627	2.54E-03	7.8E-05	0.04144	1.4E-06	0.04406	3.11E-03	9.57673E-05	0.051034	7.67E-07	5.42E-02	0.002743	7.37E-05	0.097183	7.92E-07	0.1
188	487427.14	3856928.23	1.5476	1.10867	2.25107	1.38394	2.91E-03	9.7E-05	0.04888	1.5E-06	0.05189	3.56E-03	0.000119185	0.060206	8.66E-07	6.39E-02	0.003142	9.17E-05	0.114648	8.94E-07	0.117883
189	487477.14	3856928.23	1.44932	1.16438	2.1077	1.3344	2.72E-03	0.0001	0.04577	1.5E-06	0.0486	3.34E-03	0.000125173	0.056372	8.35E-07	5.98E-02	0.002943	9.63E-05	0.107346	8.62E-07	0.110386
190	487527.14	3856928.23	1.36303	1.21073	1.97756	1.29539	2.56E-03	0.00011	0.04294	1.4E-06	0.04561	3.14E-03	0.000130156	0.052891	8.1E-07	5.62E-02	0.002767	0.0001	0.100718	8.37E-07	0.103587
191	487577.14	3856928.23	1.28785	1.24881	1.86127	1.25901	2.42E-03	0.00011	0.04042	1.4E-06	0.04295	2.97E-03	0.00013425	0.049781	7.87E-07	5.29E-02	0.002615	0.000103	0.094796	8.13E-07	0.097514
192	487627.14	3856928.23	1.22281	1.28096	1.75855	1.21925	2.30E-03	0.00011	0.03819	1.4E-06	0.0406	2.82E-03	0.000137706	0.047034	7.63E-07	5.00E-02	0.002483	0.000106	0.089564	7.88E-07	0.092153
193	487677.14	3856928.23	1.16336	1.30215	1.66254	1.19193	2.19E-03	0.00011	0.0361	1.3E-06	0.03841	2.68E-03	0.000139984	0.044466	7.45E-07	4.73E-02	0.002362	0.000108	0.084674	7.7E-07	0.087145
194	487727.14	3856928.23	1.10969	1.3157	1.575	1.16766	2.09E-03	0.00012	0.0342	1.3E-06	0.0364	2.56E-03	0.000141441	0.042124	7.3E-07	4.48E-02	0.002253	0.000109	0.080216	7.54E-07	0.082578
195	487777.14	3856928.23	1.06216	1.32482	1.49713	1.13852	2.00E-03	0.00012	0.03251	1.3E-06	0.03463	2.45E-03	0.000142421	0.040042	7.12E-07	4.26E-02	0.002157	0.00011	0.07625	7.35E-07	0.078517
196	487427.14	3856978.23	1.54242	1.62944	2.35637	1.4714	2.90E-03	0.00014	0.05117	1.6E-06	0.05421	3.55E-03	0.000175168	0.063023	9.2E-07	6.68E-02	0.003132	0.000135	0.120011	9.5E-07	0.123279
197	487477.14	3856978.23	1.4438	1.66748	2.18525	1.42123	2.71E-03	0.00015	0.04745	1.6E-06	0.05032	3.32E-03	0.000179258	0.058446	8.89E-07	6.20E-02	0.002931	0.000138	0.111296	9.18E-07	0.114366
198	487527.14	3856978.23	1.35881	1.69294	2.03636	1.37581	2.55E-03	0.00015	0.04422	1.5E-06	0.04693	3.13E-03	0.000181995	0.054464	8.6E-07	5.78E-02	0.002759	0.00014	0.103713	8.89E-07	0.106613
199	487577.14	3856978.23	1.28535	1.70823	1.90629	1.33235	2.42E-03	0.00015	0.0414	1.5E-06	0.04396	2.96E-03	0.000183639	0.050985	8.33E-07	5.41E-02	0.00261	0.000141	0.097088	8.61E-07	0.09984
200	487627.14	3856978.23	1.22146	1.71712	1.79271	1.28692	2.30E-03	0.00015	0.03893	1.4E-06	0.04138	2.81E-03	0.000184594	0.047947	8.05E-07	5.09E-02	0.00248	0.000142	0.091304	8.31E-07	0.093927
201	487677.14	3856978.23	1.16232	1.71227	1.68766	1.25535	2.18E-03	0.00015	0.03665	1.4E-06	0.03899	2.68E-03	0.000184073	0.045138	7.85E-07	4.80E-02	0.00236	0.000142	0.085953	8.11E-07	0.088456
202	487727.14	3856978.23	1.11283	1.71005	1.59905	1.20743	2.09E-03	0.00015	0.03472	1.3E-06	0.03697	2.56E-03	0.000183834	0.042768	7.55E-07	4.55E-02	0.002259	0.000141	0.081441	7.8E-07	0.083842
203	487777.14	3856978.23	1.06126	1.68112	1.50851	1.19991	1.99E-03	0.00015	0.03276	1.3E-06	0.0349	2.44E-03	0.000180724	0.040346	7.5E-07	4.30E-02	0.002155	0.000139	0.076829	7.75E-07	0.079124
204	487427.14	3857028.23	1.51403	2.45638	2.44188	1.58163	2.85E-03	0.00022	0.05303	1.8E-06	0.05609	3.49E-03	0.000264066	0.06531	9.89E-07	6.91E-02	0.003074	0.000203	0.124366	1.02E-06	0.127645
205	487477.14	3857028.23	1.42358	2.42333	2.24536	1.51952	2.68E-03	0.00021	0.04876	1.7E-06	0.05165	3.28E-03	0.000260513	0.060054	9.5E-07	6.36E-02	0.00289	0.0002	0.114357	9.82E-07	0.117449
206	487527.14	3857028.23	1.34514	2.38587	2.07923	1.46184	2.53E-03	0.00021	0.04515	1.6E-06	0.04789	3.10E-03	0.000256486	0.05561	9.14E-07	5.90E-02	0.002731	0.000197	0.105896	9.44E-07	0.108826
207	487577.14	3857028.23	1.27508	2.33999	1.93444	1.41353	2.40E-03	0.00021	0.04201	1.6E-06	0.04461	2.94E-03	0.000251554	0.051738	8.84E-07	5.49E-02	0.002589	0.000194	0.098522	9.13E-07	0.101305
208	487627.14	3857028.23	1.21444	2.29821	1.81165	1.35976	2.28E-03	0.0002	0.03934	1.5E-06	0.04183	2.80E-03	0.000247063	0.048454	8.5E-07	5.15E-02	0.002466	0.00019	0.092268	8.78E-07	0.094925
209	487677.14	3857028.23	1.15795	2.2441	1.69991	1.32134	2.18E-03	0.0002	0.03692	1.5E-06	0.03929	2.67E-03	0.000241246	0.045465	8.26E-07	4.84E-02	0.002351	0.000186	0.086577	8.54E-07	0.089115
210	487727.14	3857028.23	1.10572	2.18211	1.59842	1.29253	2.08E-03	0.00019	0.03471	1.4E-06	0.03698	2.55E-03	0.000234582	0.042751	8.08E-07	4.55E-02	0.002245	0.00018	0.081408	8.35E-07	0.083835
211	487777.14	3857028.23	1.05955	2.12276	1.50964	1.26005	1.99E-03	0.00019	0.03278	1.4E-06	0.03496	2.44E-03	0.000228201	0.040376	7.88E-07	4.30E-02	0.002151	0.000176	0.076887	8.14E-07	0.079214
212	487427.14	3857078.23	1.48556	3.65282	2.50074	1.70375	2.79E-03	0.00032	0.05431	1.9E-06	0.05742	3.42E-03	0.000392686	0.066884	1.07E-06	7.07E-02	0.003016	0.000302	0.127364	1.1E-06	0.130684
213	487477.14	3857078.23	1.40444	3.46868	2.28163	1.62547	2.64E-03	0.0003	0.04955	1.8E-06	0.05249	3.23E-03	0.000372891	0.061024	1.02E-06	6.46E-02	0.002852	0.000287	0.116205	1.05E-06	0.119344
214	487527.14	3857078.23	1.33092	3.30054	2.09708	1.56154	2.50E-03	0.00029	0.04554	1.7E-06	0.04833	3.06E-03	0.000354815	0.056088	9.77E-07	5.95E-02	0.002702	0.000273	0.106805	1.01E-06	0.109782
215	487577.14	3857078.23	1.26561	3.15155	1.94212	1.50256	2.38E-03	0.00028	0.04218	1.7E-06	0.04483	2.91E-03	0.000338799	0.051943	9.4E-07	5.52E-02	0.00257	0.000261	0.098913	9.71E-07	0.101745
216	487627.14	3857078.23	1.20722	3.01855	1.81054	1.44575	2.27E-03	0.00026	0.03932	1.6E-06	0.04185	2.78E-03	0.000324501	0.048424	9.04E-07	5.15E-02	0.002451	0.00025	0.092212	9.34E-07	0.094914
217	487677.14	3857078.23	1.15323	2.88705	1.6937	1.40036	2.17E-03	0.00025	0.03678	1.6E-06	0.0392	2.66E-03	0.000310364	0.045299	8.76E-07	4.83E-02	0.002341	0.000239	0.086261	9.05E-07	0.088842
218	487727.14	3857078.23	1.10339	2.75941	1.58999	1.3623	2.07E-03	0.00024	0.03453	1.5E-06	0.03685	2.54E-03	0.000296643	0.042525	8.52E-07	4.54E-02	0.00224	0.000228	0.080979	8.8E-07	0.083448
219	487777.14	3857078.23	1.05917	2.6459	1.5004	1.32013	1.99E-03	0.00023	0.03258	1.5E-06	0.03481	2.44E-03	0.00028444	0.040129	8.26E-07	4.29E-02	0.002151	0.000219	0.076416	8.53E-07	0.078786
220	487427.14	3857128.23	1.47416	5.18771	2.52683	1.84789	2.77E-03	0.00046	0.05487	2.1E-06	0.0581	3.39E-03	0.00055769	0.067582	1.16E-06	7.15E-02	0.002993	0.000429	0.128693	1.19E-06	0.132116
221	487477.14	3857128.23	1.39757	4.77322	2.28977	1.7492	2.63E-03	0.00042	0.04972	2E-06	0.05277	3.22E-03	0.000513132	0.061241	1.09E-06	6.50E-02	0.002838	0.000395	0.116619	1.13E-06	0.119853
222	487527.14	3857128.23	1.32832	4.42875	2.09594	1.66546	2.50E-03	0.00039	0.04552	1.9E-06	0.0484	3.06E-03	0.000476101	0.056057	1.04E-06	5.96E-02	0.002697	0.000366	0.106747	1.08E-06	0.109812
223	487577.14	3857128.23	1.26414	4.12553	1.93185	1.59882	2.38E-03	0.00036	0.04195	1.8E-06	0.04469	2.91E-03	0.000443504	0.051669	1E-06	5.50E-02	0.002567	0.000341	0.09839	1.03E-06	0.101299
224	487627.14	3857128.23	1.20579	3.8602	1.79288	1.54046	2.27E-03	0.00034	0.03893	1.7E-06	0.04154	2.78E-03	0.00041498	0.047952	9.63E-07	5.11E-02	0.002448	0.000319	0.091312	9.95E-07	0.094081
225	487677.14	3857128.23	1.154	3.63301	1.67584	1.48066	2.17E-03	0.00032	0.03639	1.7E-06	0.03888	2.66E-03	0.000390557	0.044821	9.26E-07	4.79E-02	0.002343	0.0003	0.085351	9.56E-07	0.087996
226	487727.14	3857128.23	1.10425	3.40899	1.56855	1.4423	2.08E-03	0.0003	0.03406	1.6E-06	0.03644	2.54E-03	0.000366474	0.041952	9.02E-07	4.49E-02	0.002242	0.000282	0.079887	9.32E-07	0.082412
227	487777.14	3857128.23	1.06077	3.22219	1.47851	1.39379	1.99E-03	0.00028	0.03211	1.6E-06	0.03438	2.44E-03	0.000346393	0.039544	8.72E-07	4.23E-02	0.002154	0.000266	0.075301	9E-07	0.077722
228	488049.44	3856539.39	0.78481	0.38916	1.0428	0.74586	1.47E-03	3.4E-05	0.02265	8.3E-07	0.02416	1.81E-03	4.18356E-05	0.02789	4.66E-07	2.97E-02	0.001593	3.22E-05	0.05311	4.82E-07	0.054737
229	488099.44	3856539.39	0.76388	0.39723	1.0138	0.73014	1.44E-03	3.5E-05	0.02202	8.2E-07	0.02349	1.76E-03	4.27031E-05	0.027115	4.57E-07	2.89E-02	0.001551	3.29E-05	0.051633	4.72E-07	0.053218
230	488149.44	3856539.39	0.74365	0.40508	0.98554	0.71849	1.40E-03	3.6E-05	0.0214	8E-07	0.02284	1.71E-03	4.3547E-05	0.026359	4.49E-07	2.81E-02	0.00151	3.35E-05	0.050194	4.64E-07	0.051738
231	488049.44	3856589.39	0.80047	0.43551	1.06628	0.7772	1.50E-03	3.8E-05	0.02316	8.7E-07	0.0247	1.84E-03	4.68183E-05	0.028518	4.86E-07	3.04E-02	0.001625	3.6E-05	0.054306	5.02E-07	0.055968
232	488099.44	3856589.39	0.77827	0.44492	1.03527	0.7614	1.46E-03	3.9E-05	0.02248	8.5E-07	0.02398	1.79E-03	4.78299E-05	0.027689	4.76E-07	2.95E-02	0.00158	3.68E-05	0.052727	4.92E-07	0.054344
233	488149.44	3856589.39	0.75714	0.45385	1.00545	0.7473	1.42E-03	4E-05	0.02183	8.3E-07	0.0233	1.74E-03	4.87899E-05	0.026891	4.67E-07	2.87E-02	0.001537	3.75E-05	0.051208	4.83E-07	0.052783
234	488199.44	3856589.39	0.73713	0.46241	0.97728	0.73149	1.39E-03	4.1E-05	0.02122	8.2E-07	0.02265	1.70E-03	4.97101E-05	0.026138	4.58E-07	2.79E-02	0.001497	3.82E-05	0.049773	4.73E-07	0.051309
235	488249.44	3856589.39	0.71722	0.47036	0.94889	0.72636	1.35E-03	4.1E-05	0.02061	8.1E-07	0.022	1.65E-03	5.05648E-05	0.025379	4.54E-07	2.71E-02	0.001456	3.89E-05	0.048328	4.69E-07	0.049823
236	488049.44	3856639.39	0.81509	0.49486	1.08901	0.80823	1.53E-03	4.3E-05	0.02365	9E-07	0.02522	1.88E-03	5.31986E-05	0.029126	5.06E-07	3.11E-02	0.001655	4.09E-05	0.055464	5.22E-07	0.05716
237	488099.44	3856639.39	0.79173	0.50536	1.05593	0.7916	1.49E-03	4.4E-05	0.02293	8.8E-07	0.02446	1.82E-03	5.43273E-05	0.028242	4.95E-07	3.01E-02	0.001608	4.18E-05	0.053779	5.11E-07	0.055429
238	488149.44	3856639.39	0.76953	0.51514	1.02432	0.77599	1.45E-03	4.5E-05	0.02224	8.7E-07	0.02374	1.77E-03	5.53787E-05	0.027396	4.85E-07	2.92E-02	0.001562	4.26E-05	0.052169	5.01E-07	0.053775
239	488199.44	3856639.39	0.74807	0.524	0.9936	0.76458	1.41E-03	4.6E-05	0.02158	8.5E-07	0.02303	1.72E-03	5.63312E-05	0.026575	4.78E-07	2.84E-02	0.001519	4.33E-05	0.050605	4.94E-07	0.052167
240	488249.44	3856639.39	0.72789	0.53237	0.96457	0.75209	1.37E-03	4.7E-05	0.02095	8.4E-07	0.02236	1.68E-03	5.7231E-05	0.025798	4.7E-07	2.75E-02	0.001478	4.4E-05	0.049126	4.86E-07	0.050649

241	488299.44	3856639.39	0.70858	0.54004	0.93679	0.7404	1.33E-03	4.7E-05	0.02034	8.3E-07	0.02172	1.63E-03	5.80555E-05	0.025055	4.63E-07	2.67E-02	0.001439	4.47E-05	0.047711	4.78E-07	0.049195
242	488349.44	3856639.39	0.69048	0.54718	0.91064	0.72665	1.30E-03	4.8E-05	0.01978	8.1E-07	0.02112	1.59E-03	5.88231E-05	0.024356	4.54E-07	2.60E-02	0.001402	4.53E-05	0.046379	4.69E-07	0.047827
243	488399.44	3856639.39	0.67266	0.55279	0.88469	0.71922	1.26E-03	4.8E-05	0.01921	8E-07	0.02053	1.55E-03	5.94262E-05	0.023662	4.5E-07	2.53E-02	0.001366	4.57E-05	0.045058	4.65E-07	0.04647
244	488099.44	3856689.39	0.80354	0.58135	1.07449	0.82521	1.51E-03	5.1E-05	0.02333	9.2E-07	0.0249	1.85E-03	6.24964E-05	0.028738	5.16E-07	3.07E-02	0.001631	4.81E-05	0.054724	5.33E-07	0.056404
245	488149.44	3856689.39	0.78046	0.59152	1.04113	0.80771	1.47E-03	5.2E-05	0.02261	9E-07	0.02413	1.80E-03	6.35897E-05	0.027846	5.05E-07	2.97E-02	0.001585	4.89E-05	0.053025	5.22E-07	0.054659
246	488199.44	3856689.39	0.75808	0.60028	1.00867	0.79482	1.42E-03	5.3E-05	0.0219	8.9E-07	0.02338	1.75E-03	6.45314E-05	0.026978	4.97E-07	2.88E-02	0.001539	4.96E-05	0.051372	5.13E-07	0.052961
247	488249.44	3856689.39	0.73739	0.60863	0.97858	0.77839	1.39E-03	5.3E-05	0.02125	8.7E-07	0.02269	1.70E-03	6.54291E-05	0.026173	4.87E-07	2.79E-02	0.001497	5.03E-05	0.04984	5.03E-07	0.051388
248	488299.44	3856689.39	0.71702	0.615	0.94874	0.76923	1.35E-03	5.4E-05	0.0206	8.6E-07	0.02201	1.65E-03	6.61139E-05	0.025375	4.81E-07	2.71E-02	0.001456	5.09E-05	0.04832	4.97E-07	0.049827
249	488349.44	3856689.39	0.69828	0.62105	0.9213	0.75473	1.31E-03	5.4E-05	0.02001	8.4E-07	0.02137	1.61E-03	6.67643E-05	0.024641	4.72E-07	2.63E-02	0.001418	5.14E-05	0.046922	4.88E-07	0.048392
250	488399.44	3856689.39	0.68089	0.62651	0.89583	0.7364	1.28E-03	5.5E-05	0.01945	8.2E-07	0.02079	1.57E-03	6.73512E-05	0.02396	4.61E-07	2.56E-02	0.001382	5.18E-05	0.045625	4.76E-07	0.04706
251	488099.44	3856739.39	0.81336	0.6764	1.09057	0.86161	1.53E-03	5.9E-05	0.02368	9.6E-07	0.02527	1.87E-03	7.27145E-05	0.029168	5.39E-07	3.11E-02	0.001651	5.59E-05	0.055543	5.57E-07	0.057251
252	488149.44	3856739.39	0.7898	0.68643	1.05588	0.84	1.48E-03	6E-05	0.02293	9.4E-07	0.02447	1.82E-03	7.37928E-05	0.02824	5.25E-07	3.01E-02	0.001604	5.68E-05	0.053777	5.43E-07	0.055437
253	488199.44	3856739.39	0.76634	0.69345	1.02112	0.82867	1.44E-03	6.1E-05	0.02217	9.3E-07	0.02368	1.76E-03	7.45474E-05	0.027311	5.18E-07	2.92E-02	0.001556	5.73E-05	0.052006	5.35E-07	0.05362
254	488249.44	3856739.39	0.74503	0.70039	0.98957	0.81078	1.40E-03	6.1E-05	0.02149	9.1E-07	0.02295	1.72E-03	7.52935E-05	0.026467	5.07E-07	2.83E-02	0.001513	5.79E-05	0.050399	5.24E-07	0.051971
255	488299.44	3856739.39	0.72527	0.70666	0.96038	0.78912	1.36E-03	6.2E-05	0.02086	8.8E-07	0.02228	1.67E-03	7.59675E-05	0.025686	4.94E-07	2.74E-02	0.001473	5.84E-05	0.048913	5.1E-07	0.050444
256	488349.44	3856739.39	0.70503	0.70866	0.93002	0.7827	1.32E-03	6.2E-05	0.0202	8.7E-07	0.02158	1.62E-03	7.61825E-05	0.024874	4.9E-07	2.66E-02	0.001431	5.86E-05	0.047366	5.06E-07	0.048857
257	488399.44	3856739.39	0.68578	0.70919	0.90123	0.77517	1.29E-03	6.2E-05	0.01957	8.7E-07	0.02092	1.58E-03	7.62395E-05	0.024104	4.85E-07	2.58E-02	0.001392	5.86E-05	0.0459	5.01E-07	0.047352
258	487999.44	3856789.39	0.87842	0.77854	1.18943	0.92405	1.65E-03	6.8E-05	0.02583	1E-06	0.02755	2.02E-03	8.36948E-05	0.031812	5.78E-07	3.39E-02	0.001784	6.44E-05	0.060578	5.97E-07	0.062427
259	488049.44	3856789.39	0.84975	0.78855	1.14654	0.90612	1.60E-03	6.9E-05	0.0249	1E-06	0.02657	1.96E-03	8.47709E-05	0.030665	5.67E-07	3.27E-02	0.001725	6.52E-05	0.058394	5.85E-07	0.060185
260	488099.44	3856789.39	0.82218	0.7956	1.10503	0.89396	1.55E-03	7E-05	0.024	1E-06	0.02561	1.89E-03	8.55288E-05	0.029555	5.59E-07	3.15E-02	0.001669	6.58E-05	0.05628	5.77E-07	0.058016
261	488149.44	3856789.39	0.79745	0.80279	1.06775	0.87413	1.50E-03	7E-05	0.02319	9.8E-07	0.02476	1.84E-03	8.63017E-05	0.028558	5.47E-07	3.05E-02	0.001619	6.64E-05	0.054381	5.65E-07	0.056067
262	488199.44	3856789.39	0.77352	0.80719	1.03166	0.85919	1.45E-03	7.1E-05	0.0224	9.6E-07	0.02393	1.78E-03	8.67747E-05	0.027592	5.37E-07	2.95E-02	0.001571	6.68E-05	0.052543	5.55E-07	0.054181
263	488249.44	3856789.39	0.75148	0.81057	0.99831	0.84145	1.41E-03	7.1E-05	0.02168	9.4E-07	0.02316	1.73E-03	8.71381E-05	0.0267	5.26E-07	2.85E-02	0.001526	6.7E-05	0.050844	5.44E-07	0.052438
264	488299.44	3856789.39	0.73117	0.81293	0.96748	0.82081	1.37E-03	7.1E-05	0.02101	9.2E-07	0.02246	1.68E-03	8.73918E-05	0.025876	5.13E-07	2.76E-02	0.001485	6.72E-05	0.049274	5.3E-07	0.050827
265	488349.44	3856789.39	0.71017	0.81016	0.93563	0.8137	1.33E-03	7.1E-05	0.02032	9.1E-07	0.02172	1.64E-03	8.7094E-05	0.025024	5.09E-07	2.67E-02	0.001442	6.7E-05	0.047652	5.26E-07	0.049162
266	488399.44	3856789.39	0.69079	0.80662	0.90625	0.80259	1.30E-03	7.1E-05	0.01968	9E-07	0.02105	1.59E-03	8.67135E-05	0.024238	5.02E-07	2.59E-02	0.001403	6.67E-05	0.046156	5.18E-07	0.047626
267	487949.44	3856839.39	0.91852	0.92605	1.2541	0.98013	1.73E-03	8.1E-05	0.02723	1.1E-06	0.02904	2.12E-03	9.95524E-05	0.033542	6.13E-07	3.58E-02	0.001865	7.66E-05	0.063872	6.33E-07	0.065814
268	487999.44	3856839.39	0.88671	0.93397	1.20526	0.96086	1.67E-03	8.2E-05	0.02617	1.1E-06	0.02792	2.04E-03	0.000100404	0.032235	6.01E-07	3.44E-02	0.0018	7.72E-05	0.061385	6.21E-07	0.063263
269	488049.44	3856839.39	0.85715	0.93978	1.15977	0.94142	1.61E-03	8.2E-05	0.02519	1.1E-06	0.02688	1.97E-03	0.000101028	0.031019	5.89E-07	3.31E-02	0.00174	7.77E-05	0.059068	6.08E-07	0.060886
270	488099.44	3856839.39	0.82912	0.94256	1.1165	0.92542	1.56E-03	8.3E-05	0.02425	1E-06	0.02589	1.91E-03	0.000101327	0.029862	5.79E-07	3.19E-02	0.001683	7.79E-05	0.056864	5.98E-07	0.058626
271	488149.44	3856839.39	0.803	0.94322	1.07616	0.90959	1.51E-03	8.3E-05	0.02337	1E-06	0.02496	1.85E-03	0.000101398	0.028783	5.69E-07	3.07E-02	0.00163	7.8E-05	0.054809	5.88E-07	0.056518
272	488199.44	3856839.39	0.77859	0.9419	1.03836	0.89345	1.46E-03	8.3E-05	0.02255	1E-06	0.0241	1.79E-03	0.000101256	0.027772	5.59E-07	2.97E-02	0.001581	7.79E-05	0.052884	5.77E-07	0.054544
273	487949.44	3856889.39	0.92512	1.12807	1.26883	1.01702	1.74E-03	9.9E-05	0.02755	1.1E-06	0.02939	2.13E-03	0.00012127	0.033936	6.36E-07	3.62E-02	0.001878	9.33E-05	0.064622	6.57E-07	0.066595
274	487999.44	3856889.39	0.89152	1.1256	1.21552	1.00295	1.68E-03	9.9E-05	0.0264	1.1E-06	0.02817	2.05E-03	0.000121005	0.03251	6.27E-07	3.47E-02	0.00181	9.31E-05	0.061907	6.48E-07	0.063811
275	488049.44	3856889.39	0.86239	1.1251	1.16885	0.9767	1.62E-03	9.9E-05	0.02538	1.1E-06	0.0271	1.99E-03	0.000120951	0.031262	6.11E-07	3.34E-02	0.001751	9.3E-05	0.05953	6.31E-07	0.061375
276	488099.44	3856889.39	0.83346	1.11792	1.1228	0.9625	1.57E-03	9.8E-05	0.02438	1.1E-06	0.02605	1.92E-03	0.000120179	0.03003	6.02E-07	3.21E-02	0.001692	9.25E-05	0.057185	6.22E-07	0.05897
277	488635.86	3857895.05	0.58054	0.67595	0.332	1.41963	1.09E-03	5.9E-05	0.00721	1.6E-06	0.00836	1.34E-03	7.26661E-05	0.00888	8.88E-07	1.03E-02	0.001179	5.59E-05	0.016909	9.17E-07	0.018144
278	489137.64	3857804.15	0.45731	0.64002	0.33337	0.8897	8.59E-04	5.6E-05	0.00724	9.9E-07	0.00816	1.05E-03	6.88036E-05	0.008916	5.56E-07	1.00E-02	0.000929	5.29E-05	0.016979	5.75E-07	0.017961
279	488617.32	3857859.41	0.59731	0.73049	0.35498	1.45773	1.12E-03	6.4E-05	0.00771	1.6E-06	0.0089	1.38E-03	7.85293E-05	0.009494	9.12E-07	1.09E-02	0.001213	6.04E-05	0.018079	9.42E-07	0.019353
280	488667.32	3857859.41	0.57809	0.71657	0.35099	1.37129	1.09E-03	6.3E-05	0.00762	1.5E-06	0.00877	1.33E-03	7.70329E-05	0.009387	8.58E-07	1.08E-02	0.001174	5.93E-05	0.017876	8.86E-07	0.01911
281	488717.32	3857859.41	0.56029	0.70274	0.34695	1.29387	1.05E-03	6.2E-05	0.00753	1.4E-06	0.00865	1.29E-03	7.55461E-05	0.009279	8.09E-07	1.06E-02	0.001138	5.81E-05	0.01767	8.36E-07	0.018867
282	488767.32	3857859.41	0.5431	0.68668	0.3419	1.22792	1.02E-03	6E-05	0.00742	1.4E-06	0.00851	1.25E-03	7.38196E-05	0.009144	7.68E-07	1.05E-02	0.001103	5.68E-05	0.017413	7.93E-07	0.018573
283	488617.32	3857909.41	0.58397	0.66151	0.32484	1.44774	1.10E-03	5.8E-05	0.00705	1.6E-06	0.00821	1.34E-03	7.11138E-05	0.008688	9.05E-07	1.01E-02	0.001186	5.47E-05	0.016544	9.35E-07	0.017786
284	488667.32	3857909.41	0.56493	0.64806	0.32118	1.36094	1.06E-03	5.7E-05	0.00697	1.5E-06	0.00809	1.30E-03	6.96679E-05	0.00859	8.51E-07	9.96E-03	0.001147	5.36E-05	0.016358	8.79E-07	0.017559
285	488717.32	3857909.41	0.54862	0.63981	0.31961	1.27518	1.03E-03	5.6E-05	0.00694	1.4E-06	0.00803	1.26E-03	6.8781E-05	0.008548	7.98E-07	9.88E-03	0.001114	5.29E-05	0.016278	8.24E-07	0.017446
286	488767.32	3857909.41	0.53233	0.62737	0.31618	1.20559	1.00E-03	5.5E-05	0.00687	1.3E-06	0.00792	1.23E-03	6.74437E-05	0.008456	7.54E-07	9.75E-03	0.001081	5.19E-05	0.016103	7.79E-07	0.017237
287	488417.32	3857959.41	0.65962	0.62685	0.30145	1.94459	1.24E-03	5.5E-05	0.00655	2.2E-06	0.00784	1.52E-03	6.73878E-05	0.008062	1.22E-06	9.65E-03	0.001339	5.18E-05	0.015353	1.26E-06	0.016745
288	488467.32	3857959.41	0.63479	0.62094	0.30084	1.77471	1.19E-03	5.4E-05	0.00653	2E-06	0.00778	1.46E-03	6.67524E-05	0.008046	1.11E-06	9.58E-03	0.001289	5.14E-05	0.015322	1.15E-06	0.016663
289	488517.32	3857959.41	0.61214	0.61381	0.29976	1.63268	1.15E-03	5.4E-05	0.00651	1.8E-06	0.00772	1.41E-03	6.5986E-05	0.008017	1.02E-06	9.49E-03	0.001243	5.08E-05	0.015267	1.05E-06	0.016562
290	488567.32	3857959.41	0.59137	0.60579	0.29833	1.51183	1.11E-03	5.3E-05	0.00648	1.7E-06	0.00764	1.36E-03	6.51238E-05	0.007979	9.46E-07	9.41E-03	0.001201	5.01E-05	0.015194	9.77E-07	0.016446
291	488617.32	3857959.41	0.57234	0.59827	0.29713	1.40538	1.08E-03	5.2E-05	0.00645	1.6E-06	0.00758	1.32E-03	6.43154E-05	0.007947	8.79E-07	9.33E-03	0.001162	4.95E-05	0.015133	9.08E-07	0.016345
292	488667.32	3857959.41	0.55463	0.59044	0.29579	1.31293	1.04E-03	5.2E-05	0.00642	1.5E-06	0.00752	1.28E-03	6.34736E-05	0.007911	8.21E-07	9.25E-03	0.001126	4.88E-05	0.015065	8.48E-07	0.016241
293	488717.32	3857959.41	0.53817	0.58139	0.29388	1.2337	1.01E-03	5.1E-05	0.00638	1.4E-06	0.00745	1.24E-03	6.25007E-05	0.00786	7.72E-07	9.16E-03	0.001093	4.81E-05	0.014967	7.97E-07	0.016109
294	488767.32	3857959.41	0.52293	0.57297	0.29216	1.16259	9.83E-04	5E-05	0.00634	1.3E-06	0.00738	1.20E-03	6.15956E-05	0.007814	7.27E-07	9.08E-03	0.001062	4.74E-05	0.01488	7.51E-07	0.01599
295	488417.32	3858009.41	0.64812	0.55778	0.27265	1.83449	1.22E-03	4.9E-05	0.00592	2E-06	0.00719	1.49E-03	5.99626E-05	0.007292	1.15E-06	8.85E-03	0.001316	4.61E-05	0.013886	1.19E-06	0.015249
296	488467.32	3858009.41	0.62424	0.55462	0.27281	1.67312	1.17E-03	4.9E-05	0.00592	1.9E-06	0.00715	1.44E-03	5.96229E-05	0.007296	1.05E-06	8.79E-03	0.001267	4.59E-05	0.013894	1.08E-06	0.015209
297	488517.32	3858009.41	0.60241	0.55075	0.27279	1.53808	1.13E-03	4.8E-05	0.00592	1.7E-06	0.00711	1.39E-03	5.92069E-05	0.007296	9.62E-07	8.74E-03	0.001223	4.55E-05	0.013893	9.94E-07	0.015163
298	488567.32	3858009.41	0.58271	0.5457	0.27236	1.4301	1.10E-03	4.8E-05	0.00591	1.6E-06	0.00706	1.34E-03	5.8664E-05	0.007284	8.94E-07	8.69E-03	0.001183	4.51E-05	0.013871	9.24E-07	0.015101
299	488617.32	3858009.41	0.56416	0.54166	0.27241	1.32868	1.06E-03	4.8E-05	0.00592	1.5E-06	0.00702	1.30E-03	5.82297E-05	0.007286	8.31E-07	8.64E-03	0.001145	4.48E-05	0.013874	8.58E-07	0.015065
300	488667.32	3858009.41	0.54655	0.53678	0.27213	1.2375	1.03E-03	4.7E-05	0.00591	1.4E-06	0.00699	1.26E-03	5.77051E-05	0.007278	7.74E-07	8.60E-03	0.00111	4.44E-05	0.01386	7.99E-07	0.015015
301	488717.32	3858009.41	0.5305	0.53067	0.27134	1.16691	9.97E-04	4.7E-05	0.00589	1.3E-06	0.00694	1.22E-03	5.70482E-05	0.007257	7.3E-07	8.54E-03	0.001077	4.39E-05	0.01382	7.54E-07	0.014941

302	488767.32	3858009.41	0.51564	0.52418	0.27035	1.10113	9.69E-04	4.6E-05	0.00587	1.2E-06	0.00689	1.19E-03	5.63505E-05	0.007231	6.89E-07	8.48E-03	0.001047	4.33E-05	0.013769	7.11E-07	0.01486
303	488417.32	3858059.41	0.64414	0.49625	0.24831	1.63625	1.21E-03	4.4E-05	0.00539	1.8E-06	0.00665	1.48E-03	5.3348E-05	0.006641	1.02E-06	8.18E-03	0.001308	4.1E-05	0.012647	1.06E-06	0.013997
304	488467.32	3858059.41	0.62051	0.49522	0.24843	1.51503	1.17E-03	4.3E-05	0.00539	1.7E-06	0.00661	1.43E-03	5.32373E-05	0.006644	9.48E-07	8.13E-03	0.00126	4.1E-05	0.012653	9.79E-07	0.013954
305	488517.32	3858059.41	0.59877	0.49393	0.2489	1.39944	1.13E-03	4.3E-05	0.00541	1.6E-06	0.00658	1.38E-03	5.30986E-05	0.006657	8.75E-07	8.09E-03	0.001216	4.08E-05	0.012677	9.04E-07	0.013934
306	488567.32	3858059.41	0.57883	0.49175	0.24927	1.30157	1.09E-03	4.3E-05	0.00541	1.5E-06	0.00655	1.33E-03	5.28642E-05	0.006667	8.14E-07	8.05E-03	0.001175	4.07E-05	0.012695	8.41E-07	0.013912
307	488617.32	3858059.41	0.55989	0.48909	0.24957	1.21713	1.05E-03	4.3E-05	0.00542	1.4E-06	0.00652	1.29E-03	5.25783E-05	0.006675	7.61E-07	8.02E-03	0.001137	4.04E-05	0.012711	7.86E-07	0.013889
308	488667.32	3858059.41	0.54241	0.48679	0.25014	1.14266	1.02E-03	4.3E-05	0.00543	1.3E-06	0.0065	1.25E-03	5.2331E-05	0.00669	7.15E-07	7.99E-03	0.001101	4.03E-05	0.01274	7.38E-07	0.013882
309	488417.32	3858109.41	0.64741	0.44478	0.22982	1.38073	1.22E-03	3.9E-05	0.00499	1.5E-06	0.00625	1.49E-03	4.78148E-05	0.006147	8.64E-07	7.69E-03	0.001314	3.68E-05	0.011705	8.92E-07	0.013057
310	488467.32	3858109.41	0.62341	0.44428	0.22889	1.30451	1.17E-03	3.9E-05	0.00497	1.5E-06	0.00618	1.44E-03	4.77611E-05	0.006122	8.16E-07	7.61E-03	0.001266	3.67E-05	0.011657	8.43E-07	0.012961
311	488517.32	3858109.41	0.60147	0.4436	0.2286	1.22318	1.13E-03	3.9E-05	0.00496	1.4E-06	0.00613	1.39E-03	4.7688E-05	0.006114	7.65E-07	7.55E-03	0.001221	3.67E-05	0.011643	7.9E-07	0.012901
312	488567.32	3858109.41	0.58002	0.44329	0.22902	1.15032	1.09E-03	3.9E-05	0.00497	1.3E-06	0.0061	1.34E-03	4.76547E-05	0.006125	7.19E-07	7.51E-03	0.001178	3.67E-05	0.011664	7.43E-07	0.012879
313	488617.32	3858109.41	0.56021	0.44215	0.22944	1.08625	1.05E-03	3.9E-05	0.00498	1.2E-06	0.00608	1.29E-03	4.75321E-05	0.006137	6.79E-07	7.47E-03	0.001137	3.66E-05	0.011686	7.02E-07	0.01286
314	488667.32	3858109.41	0.5414	0.44189	0.23048	1.02794	1.02E-03	3.9E-05	0.00501	1.1E-06	0.00606	1.25E-03	4.75042E-05	0.006164	6.43E-07	7.46E-03	0.001099	3.65E-05	0.011738	6.64E-07	0.012875
315	488769.93	3858449.27	0.61646	0.24379	0.15205	0.41069	1.16E-03	2.1E-05	0.0033	4.6E-07	0.00448	1.42E-03	2.6208E-05	0.004067	2.57E-07	5.51E-03	0.001252	2.02E-05	0.007744	2.65E-07	0.009016
316	488819.93	3858449.27	0.58055	0.24477	0.15131	0.40922	1.09E-03	2.1E-05	0.00329	4.6E-07	0.0044	1.34E-03	2.63133E-05	0.004047	2.56E-07	5.41E-03	0.001179	2.02E-05	0.007706	2.64E-07	0.008906
317	488819.93	3858499.27	0.61928	0.22761	0.14504	0.36696	1.16E-03	2E-05	0.00315	4.1E-07	0.00433	1.43E-03	2.44686E-05	0.003879	2.3E-07	5.33E-03	0.001257	1.88E-05	0.007387	2.37E-07	0.008663
318	488869.93	3858499.27	0.58118	0.22844	0.14433	0.36619	1.09E-03	2E-05	0.00313	4.1E-07	0.00425	1.34E-03	2.45578E-05	0.00386	2.29E-07	5.22E-03	0.00118	1.89E-05	0.007351	2.37E-07	0.00855
319	488869.93	3858549.27	0.62259	0.21343	0.13873	0.33112	1.17E-03	1.9E-05	0.00301	3.7E-07	0.0042	1.43E-03	2.29442E-05	0.00371	2.07E-07	5.17E-03	0.001264	1.77E-05	0.007066	2.14E-07	0.008348
320	489438.17	3859571.48	0.10286	0.09112	0.07331	0.11157	1.93E-04	8E-06	0.00159	1.2E-07	0.00179	2.37E-04	9.7956E-06	0.001961	6.98E-08	2.21E-03	0.000209	7.54E-06	0.003734	7.21E-08	0.00395
321	489488.17	3859571.48	0.1026	0.09124	0.07336	0.11178	1.93E-04	8E-06	0.00159	1.2E-07	0.00179	2.36E-04	9.8085E-06	0.001962	6.99E-08	2.21E-03	0.000208	7.55E-06	0.003736	7.22E-08	0.003952
322	489538.17	3859571.48	0.10218	0.09126	0.07332	0.11183	1.92E-04	8E-06	0.00159	1.2E-07	0.00179	2.35E-04	9.81065E-06	0.001961	6.99E-08	2.21E-03	0.000207	7.55E-06	0.003734	7.22E-08	0.003949
323	489588.17	3859571.48	0.10153	0.09104	0.07312	0.11171	1.91E-04	8E-06	0.00159	1.2E-07	0.00179	2.34E-04	9.787E-06	0.001956	6.99E-08	2.20E-03	0.000206	7.53E-06	0.003724	7.22E-08	0.003938
324	489438.17	3859621.48	0.09834	0.08795	0.07121	0.10732	1.85E-04	7.7E-06	0.00155	1.2E-07	0.00174	2.26E-04	9.45482E-06	0.001905	6.71E-08	2.14E-03	0.0002	7.27E-06	0.003627	6.93E-08	0.003834
325	489488.17	3859621.48	0.09821	0.08812	0.07129	0.10764	1.85E-04	7.7E-06	0.00155	1.2E-07	0.00174	2.26E-04	9.4731E-06	0.001907	6.73E-08	2.14E-03	0.000199	7.29E-06	0.003631	6.95E-08	0.003838
326	489538.17	3859621.48	0.09799	0.08825	0.07134	0.10786	1.84E-04	7.7E-06	0.00155	1.2E-07	0.00174	2.26E-04	9.48707E-06	0.001908	6.75E-08	2.14E-03	0.000199	7.3E-06	0.003633	6.97E-08	0.00384
327	489588.17	3859621.48	0.09771	0.0884	0.0714	0.10795	1.84E-04	7.8E-06	0.00155	1.2E-07	0.00174	2.25E-04	9.5032E-06	0.00191	6.75E-08	2.14E-03	0.000198	7.31E-06	0.003636	6.97E-08	0.003842
328	489238.17	3859671.48	0.09318	0.08352	0.06816	0.10157	1.75E-04	7.3E-06	0.00148	1.1E-07	0.00166	2.15E-04	8.97859E-06	0.001823	6.35E-08	2.05E-03	0.000189	6.91E-06	0.003471	6.56E-08	0.003668
329	489288.17	3859671.48	0.09347	0.08383	0.06839	0.10195	1.76E-04	7.4E-06	0.00149	1.1E-07	0.00167	2.15E-04	9.01191E-06	0.001829	6.38E-08	2.05E-03	0.00019	6.93E-06	0.003483	6.59E-08	0.00368
330	489338.17	3859671.48	0.09379	0.08423	0.06868	0.10237	1.76E-04	7.4E-06	0.00149	1.1E-07	0.00168	2.16E-04	9.05491E-06	0.001837	6.4E-08	2.06E-03	0.00019	6.97E-06	0.003498	6.61E-08	0.003695
331	489388.17	3859671.48	0.09413	0.08474	0.06903	0.10282	1.77E-04	7.4E-06	0.0015	1.1E-07	0.00168	2.17E-04	9.10974E-06	0.001846	6.43E-08	2.07E-03	0.000191	7.01E-06	0.003516	6.64E-08	0.003714
332	489438.17	3859671.48	0.09417	0.08497	0.06918	0.10324	1.77E-04	7.5E-06	0.0015	1.2E-07	0.00169	2.17E-04	9.13447E-06	0.00185	6.46E-08	2.08E-03	0.000191	7.03E-06	0.003523	6.67E-08	0.003722
333	489488.17	3859671.48	0.09431	0.08538	0.06945	0.10365	1.77E-04	7.5E-06	0.00151	1.2E-07	0.00169	2.17E-04	9.17854E-06	0.001857	6.48E-08	2.08E-03	0.000191	7.06E-06	0.003537	6.7E-08	0.003736
334	489538.17	3859671.48	0.09425	0.08563	0.06959	0.10398	1.77E-04	7.5E-06	0.00151	1.2E-07	0.0017	2.17E-04	9.20542E-06	0.001861	6.5E-08	2.09E-03	0.000191	7.08E-06	0.003544	6.72E-08	0.003743
335	489588.17	3859671.48	0.09411	0.08584	0.0697	0.1042	1.77E-04	7.5E-06	0.00151	1.2E-07	0.0017	2.17E-04	9.22799E-06	0.001864	6.52E-08	2.09E-03	0.000191	7.1E-06	0.00355	6.73E-08	0.003748
336	489238.17	3859721.48	0.08922	0.08072	0.0662	0.09784	1.68E-04	7.1E-06	0.00144	1.1E-07	0.00161	2.05E-04	8.67758E-06	0.001771	6.12E-08	1.98E-03	0.000181	6.68E-06	0.003372	6.32E-08	0.003559
337	489288.17	3859721.48	0.08969	0.08123	0.06656	0.09821	1.69E-04	7.1E-06	0.00145	1.1E-07	0.00162	2.07E-04	8.73241E-06	0.00178	6.14E-08	2.00E-03	0.000182	6.72E-06	0.00339	6.34E-08	0.003579
338	489338.17	3859721.48	0.09	0.08159	0.06683	0.09858	1.69E-04	7.2E-06	0.00145	1.1E-07	0.00163	2.07E-04	8.77111E-06	0.001787	6.17E-08	2.00E-03	0.000183	6.75E-06	0.003404	6.37E-08	0.003593
339	489388.17	3859721.48	0.09024	0.08193	0.06707	0.09897	1.70E-04	7.2E-06	0.00146	1.1E-07	0.00163	2.08E-04	8.80766E-06	0.001794	6.19E-08	2.01E-03	0.000183	6.78E-06	0.003416	6.39E-08	0.003606
340	489438.17	3859721.48	0.09036	0.08219	0.06727	0.09937	1.70E-04	7.2E-06	0.00146	1.1E-07	0.00164	2.08E-04	8.83561E-06	0.001799	6.22E-08	2.02E-03	0.000183	6.8E-06	0.003426	6.42E-08	0.003616
341	489488.17	3859721.48	0.09061	0.08269	0.0676	0.09981	1.70E-04	7.3E-06	0.00147	1.1E-07	0.00165	2.09E-04	8.88936E-06	0.001808	6.24E-08	2.03E-03	0.000184	6.84E-06	0.003443	6.45E-08	0.003634
342	489538.17	3859721.48	0.09069	0.08304	0.06783	0.1002	1.70E-04	7.3E-06	0.00147	1.1E-07	0.00165	2.09E-04	8.92699E-06	0.001814	6.27E-08	2.03E-03	0.000184	6.87E-06	0.003455	6.47E-08	0.003646
343	489588.17	3859721.48	0.09067	0.08332	0.068	0.10052	1.70E-04	7.3E-06	0.00148	1.1E-07	0.00165	2.09E-04	8.95709E-06	0.001819	6.29E-08	2.04E-03	0.000184	6.89E-06	0.003463	6.49E-08	0.003654
344	489238.17	3859771.48	0.08565	0.07812	0.06438	0.09436	1.61E-04	6.9E-06	0.0014	1.1E-07	0.00157	1.97E-04	8.39808E-06	0.001722	5.9E-08	1.93E-03	0.000174	6.46E-06	0.003279	6.1E-08	0.003459
345	489288.17	3859771.48	0.08609	0.07861	0.06472	0.09469	1.62E-04	6.9E-06	0.00141	1.1E-07	0.00157	1.98E-04	8.45075E-06	0.001731	5.92E-08	1.94E-03	0.000175	6.5E-06	0.003296	6.12E-08	0.003478
346	489338.17	3859771.48	0.08633	0.07888	0.06491	0.095	1.62E-04	6.9E-06	0.00141	1.1E-07	0.00158	1.99E-04	8.47978E-06	0.001736	5.94E-08	1.94E-03	0.000175	6.52E-06	0.003306	6.14E-08	0.003488
347	489388.17	3859771.48	0.08663	0.07925	0.06519	0.09536	1.63E-04	7E-06	0.00142	1.1E-07	0.00159	1.99E-04	8.51955E-06	0.001744	5.96E-08	1.95E-03	0.000176	6.55E-06	0.00332	6.16E-08	0.003503
348	489438.17	3859771.48	0.08678	0.0795	0.06538	0.09573	1.63E-04	7E-06	0.00142	1.1E-07	0.00159	2.00E-04	8.54643E-06	0.001749	5.99E-08	1.96E-03	0.000176	6.57E-06	0.00333	6.18E-08	0.003513
349	489488.17	3859771.48	0.08716	0.08011	0.0658	0.09617	1.64E-04	7E-06	0.00143	1.1E-07	0.0016	2.01E-04	8.612E-06	0.00176	6.01E-08	1.97E-03	0.000177	6.62E-06	0.003351	6.21E-08	0.003535
350	489538.17	3859771.48	0.08737	0.08058	0.06613	0.09656	1.64E-04	7.1E-06	0.00144	1.1E-07	0.00161	2.01E-04	8.66253E-06	0.001769	6.04E-08	1.98E-03	0.000177	6.66E-06	0.003368	6.24E-08	0.003552
351	489588.17	3859771.48	0.08737	0.08081	0.06628	0.09693	1.64E-04	7.1E-06	0.00144	1.1E-07	0.00161	2.01E-04	8.68726E-06	0.001773	6.06E-08	1.98E-03	0.000177	6.68E-06	0.003376	6.26E-08	0.00356
352	489238.17	3859821.48	0.0823	0.0756	0.06262	0.0911	1.55E-04	6.6E-06	0.00136	1E-07	0.00152	1.90E-04	8.12717E-06	0.001675	5.7E-08	1.87E-03	0.000167	6.25E-06	0.003189	5.88E-08	0.003363
353	489288.17	3859821.48	0.08274	0.0761	0.06294	0.0914	1.55E-04	6.7E-06	0.00137	1E-07	0.00153	1.91E-04	8.18092E-06	0.001683	5.72E-08	1.88E-03	0.000168	6.29E-06	0.003206	5.9E-08	0.00338
354	489338.17	3859821.48	0.083	0.0764	0.06314	0.09167	1.56E-04	6.7E-06	0.00137	1E-07	0.00153	1.91E-04	8.21317E-06	0.001689	5.73E-08	1.89E-03	0.000169	6.32E-06	0.003216	5.92E-08	0.003391
355	489388.17	3859821.48	0.08329	0.07674	0.06339	0.09199	1.57E-04	6.7E-06	0.00138	1E-07	0.00154	1.92E-04	8.24972E-06	0.001695	5.75E-08	1.90E-03	0.000169	6.35E-06	0.003228	5.94E-08	0.003404
356	489438.17	3859821.48	0.08369	0.07725	0.06376	0.09235	1.57E-04	6.8E-06	0.00138	1E-07	0.00155	1.93E-04	8.30455E-06	0.001705	5.78E-08	1.91E-03	0.00017	6.39E-06	0.003247	5.97E-08	0.003424
357	489488.17	3859821.48	0.08399	0.07774	0.06412	0.09273	1.58E-04	6.8E-06	0.00139	1E-07	0.00156	1.93E-04	8.35722E-06	0.001715	5.8E-08	1.92E-03	0.000171	6.43E-06	0.003266	5.99E-08	0.003443
358	489538.17	3859821.48	0.08424	0.07821	0.06446	0.09309	1.58E-04	6.9E-06	0.0014	1E-07	0.00157	1.94E-04	8.40775E-06	0.001724	5.82E-08	1.93E-03	0.000171	6.47E-06	0.003283	6.01E-08	0.003461
359	489588.17	3859821.48	0.0843	0.07848	0.06465	0.09347	1.58E-04	6.9E-06	0.0014	1E-07	0.00157	1.94E-04	8.43678E-06	0.001729	5.85E-08	1.93E-03	0.000171	6.49E-06	0.003293	6.04E-08	0.00347
360	489238.17	3859871.48	0.07929	0.07329	0.06101	0.08806	1.49E-04	6.4E-06	0.00132	9.8E-08	0.00148	1.83E-04	7.87884E-06	0.001632	5.51E-08	1.82E-03	0.000161	6.06E-06	0.003107	5.69E-08	0.003274
361	489288.17	3859871.48	0.07959	0.07365	0.06122	0.0883	1.50E-04	6.5E-06	0.00133	9.9E-08	0.00149	1.83E-04	7.91754E-06	0.001637	5.52E-08	1.83E-03	0.000162	6.09E-06	0.003118	5.7E-08	0.003286
362	489338.17	3859871.48	0.0799	0.07402	0.06145	0.08856	1.50E-04	6.5E-06	0.00133	9.9E-08	0.00149	1.84E-04	7.95732E-06	0.001644	5.54E-08	1.84E-03	0.000162	6.12E-06	0.00313	5.72E-08	0.003298

363	489388.17	3859871.48	0.08031	0.0745	0.06178	0.08885	1.51E-04	6.5E-06	0.00134	9.9E-08	0.0015	1.85E-04	8.00892E-06	0.001652	5.56E-08	1.85E-03	0.000163	6.16E-06	0.003146	5.74E-08	0.003316
364	489438.17	3859871.48	0.08081	0.07515	0.06224	0.08917	1.52E-04	6.6E-06	0.00135	1E-07	0.00151	1.86E-04	8.07879E-06	0.001665	5.58E-08	1.86E-03	0.000164	6.21E-06	0.00317	5.76E-08	0.00334
365	489488.17	3859871.48	0.08127	0.07585	0.06274	0.08946	1.53E-04	6.7E-06	0.00136	1E-07	0.00152	1.87E-04	8.15404E-06	0.001678	5.6E-08	1.87E-03	0.000165	6.27E-06	0.003195	5.78E-08	0.003367
366	489538.17	3859871.48	0.08136	0.07604	0.0629	0.08981	1.53E-04	6.7E-06	0.00137	1E-07	0.00153	1.87E-04	8.17447E-06	0.001682	5.62E-08	1.88E-03	0.000165	6.29E-06	0.003204	5.8E-08	0.003375
367	489588.17	3859871.48	0.08149	0.07638	0.06314	0.09016	1.53E-04	6.7E-06	0.00137	1E-07	0.00153	1.88E-04	8.21102E-06	0.001689	5.64E-08	1.88E-03	0.000165	6.32E-06	0.003216	5.82E-08	0.003388
368	489238.17	3859921.48	0.07659	0.0712	0.05956	0.08522	1.44E-04	6.2E-06	0.00129	9.5E-08	0.00144	1.76E-04	7.65416E-06	0.001593	5.33E-08	1.78E-03	0.000156	5.89E-06	0.003033	5.5E-08	0.003195
369	489288.17	3859921.48	0.07697	0.07169	0.05984	0.08547	1.45E-04	6.3E-06	0.0013	9.5E-08	0.00145	1.77E-04	7.70684E-06	0.0016	5.35E-08	1.79E-03	0.000156	5.93E-06	0.003048	5.52E-08	0.00321
370	489338.17	3859921.48	0.07726	0.07206	0.06005	0.08569	1.45E-04	6.3E-06	0.0013	9.6E-08	0.00146	1.78E-04	7.74661E-06	0.001606	5.36E-08	1.79E-03	0.000157	5.96E-06	0.003058	5.54E-08	0.003221
371	489388.17	3859921.48	0.07771	0.07261	0.06041	0.08594	1.46E-04	6.4E-06	0.00131	9.6E-08	0.00146	1.79E-04	7.80574E-06	0.001616	5.38E-08	1.80E-03	0.000158	6E-06	0.003077	5.55E-08	0.003241
372	489438.17	3859921.48	0.07823	0.07334	0.06092	0.08616	1.47E-04	6.4E-06	0.00132	9.6E-08	0.00148	1.80E-04	7.88421E-06	0.001629	5.39E-08	1.82E-03	0.000159	6.07E-06	0.003103	5.57E-08	0.003268
373	489488.17	3859921.48	0.07851	0.07376	0.06122	0.08641	1.48E-04	6.5E-06	0.00133	9.7E-08	0.00148	1.81E-04	7.92937E-06	0.001637	5.4E-08	1.83E-03	0.000159	6.1E-06	0.003118	5.58E-08	0.003284
374	489538.17	3859921.48	0.07868	0.07404	0.06144	0.08671	1.48E-04	6.5E-06	0.00133	9.7E-08	0.00149	1.81E-04	7.95947E-06	0.001643	5.42E-08	1.83E-03	0.00016	6.12E-06	0.003129	5.6E-08	0.003295
375	489588.17	3859921.48	0.07892	0.0745	0.06178	0.08701	1.48E-04	6.5E-06	0.00134	9.7E-08	0.0015	1.82E-04	8.00892E-06	0.001652	5.44E-08	1.84E-03	0.00016	6.16E-06	0.003146	5.62E-08	0.003313
376	489238.17	3859971.48	0.07413	0.06927	0.05823	0.08257	1.39E-04	6.1E-06	0.00126	9.2E-08	0.00141	1.71E-04	7.44668E-06	0.001557	5.16E-08	1.74E-03	0.000151	5.73E-06	0.002966	5.33E-08	0.003122
377	489288.17	3859971.48	0.07438	0.06964	0.05841	0.08277	1.40E-04	6.1E-06	0.00127	9.2E-08	0.00141	1.71E-04	7.48646E-06	0.001562	5.18E-08	1.74E-03	0.000151	5.76E-06	0.002975	5.35E-08	0.003132
378	489338.17	3859971.48	0.07475	0.07012	0.05868	0.08298	1.40E-04	6.2E-06	0.00127	9.3E-08	0.00142	1.72E-04	7.53806E-06	0.001569	5.19E-08	1.75E-03	0.000152	5.8E-06	0.002989	5.36E-08	0.003146
379	489388.17	3859971.48	0.07525	0.0708	0.05911	0.08316	1.41E-04	6.2E-06	0.00128	9.3E-08	0.00143	1.73E-04	7.61116E-06	0.001581	5.2E-08	1.76E-03	0.000153	5.86E-06	0.003011	5.37E-08	0.003169
380	489438.17	3859971.48	0.07579	0.07161	0.05965	0.08331	1.42E-04	6.3E-06	0.0013	9.3E-08	0.00144	1.75E-04	7.69824E-06	0.001595	5.21E-08	1.78E-03	0.000154	5.92E-06	0.003038	5.38E-08	0.003198
381	489488.17	3859971.48	0.07612	0.07251	0.06026	0.08276	1.43E-04	6.4E-06	0.00131	9.2E-08	0.00146	1.75E-04	7.79499E-06	0.001612	5.18E-08	1.79E-03	0.000155	6E-06	0.003069	5.35E-08	0.00323
382	489538.17	3859971.48	0.07635	0.07308	0.06066	0.08271	1.43E-04	6.4E-06	0.00132	9.2E-08	0.00147	1.76E-04	7.85626E-06	0.001622	5.17E-08	1.81E-03	0.000155	6.04E-06	0.003089	5.34E-08	0.003251
383	489588.17	3859971.48	0.0765	0.07352	0.06099	0.08282	1.44E-04	6.4E-06	0.00132	9.3E-08	0.00147	1.76E-04	7.90356E-06	0.001631	5.18E-08	1.82E-03	0.000155	6.08E-06	0.003106	5.35E-08	0.003268
384	483577.7	3854071	0.38274	0.17645	0.11989	0.05867	7.19E-04	1.5E-05	0.0026	6.6E-08	0.00334	8.81E-04	1.89688E-05	0.003207	3.67E-08	4.11E-03	0.000777	1.46E-05	0.006106	3.79E-08	0.006898
385	483627.7	3854071	0.36703	0.17642	0.12341	0.06027	6.90E-04	1.5E-05	0.00268	6.7E-08	0.00339	8.45E-04	1.89655E-05	0.003301	3.77E-08	4.16E-03	0.000745	1.46E-05	0.006285	3.89E-08	0.007045
386	483677.7	3854071	0.35234	0.17554	0.12642	0.06108	6.62E-04	1.5E-05	0.00275	6.8E-08	0.00342	8.11E-04	1.88709E-05	0.003381	3.82E-08	4.21E-03	0.000715	1.45E-05	0.006439	3.95E-08	0.007169
387	483727.7	3854071	0.33913	0.17378	0.12874	0.06125	6.37E-04	1.5E-05	0.0028	6.8E-08	0.00345	7.81E-04	1.86817E-05	0.003443	3.83E-08	4.24E-03	0.000689	1.44E-05	0.006557	3.96E-08	0.00726
388	483777.7	3854071	0.32433	0.17197	0.13038	0.05955	6.09E-04	1.5E-05	0.00283	6.7E-08	0.00346	7.47E-04	1.84872E-05	0.003487	3.72E-08	4.25E-03	0.000659	1.42E-05	0.00664	3.85E-08	0.007313
389	483577.7	3854121	0.40439	0.19153	0.12288	0.05778	7.60E-04	1.7E-05	0.00267	6.5E-08	0.00345	9.31E-04	2.05899E-05	0.003287	3.61E-08	4.24E-03	0.000821	1.58E-05	0.006258	3.73E-08	0.007095
390	483627.7	3854121	0.38609	0.1934	0.12738	0.05873	7.26E-04	1.7E-05	0.00277	6.6E-08	0.00351	8.89E-04	2.07909E-05	0.003407	3.67E-08	4.32E-03	0.000784	1.6E-05	0.006488	3.79E-08	0.007287
391	483677.7	3854121	0.3684	0.19406	0.1314	0.05871	6.92E-04	1.7E-05	0.00285	6.6E-08	0.00356	8.48E-04	2.08619E-05	0.003514	3.67E-08	4.38E-03	0.000748	1.6E-05	0.006692	3.79E-08	0.007456
392	483727.7	3854121	0.35116	0.19297	0.13453	0.05796	6.60E-04	1.7E-05	0.00292	6.5E-08	0.0036	8.09E-04	2.07447E-05	0.003598	3.63E-08	4.43E-03	0.000713	1.6E-05	0.006852	3.74E-08	0.007581
393	483777.7	3854121	0.33802	0.18969	0.13658	0.0577	6.35E-04	1.7E-05	0.00297	6.4E-08	0.00362	7.78E-04	2.03921E-05	0.003653	3.61E-08	4.45E-03	0.000686	1.57E-05	0.006956	3.73E-08	0.007658
394	483577.7	3854171	0.42429	0.21019	0.12637	0.05539	7.97E-04	1.8E-05	0.00274	6.2E-08	0.00356	9.77E-04	2.25959E-05	0.00338	3.46E-08	4.38E-03	0.000861	1.74E-05	0.006436	3.58E-08	0.007315
395	483627.7	3854171	0.40185	0.21416	0.13163	0.05516	7.55E-04	1.9E-05	0.00286	6.2E-08	0.00363	9.25E-04	2.30227E-05	0.003521	3.45E-08	4.47E-03	0.000816	1.77E-05	0.006704	3.56E-08	0.007538
396	483677.7	3854171	0.38343	0.21515	0.13614	0.0554	7.21E-04	1.9E-05	0.00296	6.2E-08	0.0037	8.83E-04	2.31291E-05	0.003641	3.46E-08	4.55E-03	0.000779	1.78E-05	0.006934	3.58E-08	0.00773
397	483727.7	3854171	0.36801	0.213	0.13987	0.05577	6.92E-04	1.9E-05	0.00304	6.2E-08	0.00375	8.47E-04	2.2898E-05	0.003741	3.49E-08	4.61E-03	0.000747	1.76E-05	0.007124	3.6E-08	0.007889
398	483777.7	3854171	0.3535	0.20947	0.1426	0.0555	6.64E-04	1.8E-05	0.0031	6.2E-08	0.00378	8.14E-04	2.25185E-05	0.003814	3.47E-08	4.65E-03	0.000718	1.73E-05	0.007263	3.59E-08	0.007998
399	483827.7	3854171	0.33562	0.20457	0.14375	0.05361	6.31E-04	1.8E-05	0.00312	6E-08	0.00377	7.73E-04	2.19917E-05	0.003845	3.35E-08	4.64E-03	0.000681	1.69E-05	0.007321	3.46E-08	0.00802
400	483877.7	3854171	0.32317	0.1949	0.14413	0.05283	6.07E-04	1.7E-05	0.00313	5.9E-08	0.00375	7.44E-04	2.09522E-05	0.003855	3.3E-08	4.62E-03	0.000656	1.61E-05	0.007341	3.41E-08	0.008013
401	483727.7	3854221	0.38895	0.23547	0.14489	0.0539	7.31E-04	2.1E-05	0.00315	6E-08	0.0039	8.96E-04	2.53136E-05	0.003875	3.37E-08	4.80E-03	0.00079	1.95E-05	0.007379	3.48E-08	0.008189
402	483777.7	3854221	0.37251	0.23214	0.14836	0.05359	7.00E-04	2E-05	0.00322	6E-08	0.00394	8.58E-04	2.49556E-05	0.003968	3.35E-08	4.85E-03	0.000756	1.92E-05	0.007556	3.46E-08	0.008332
403	483827.7	3854221	0.36382	0.22863	0.15121	0.05473	6.84E-04	2E-05	0.00328	6.1E-08	0.00399	8.38E-04	2.45782E-05	0.004044	3.42E-08	4.91E-03	0.000739	1.89E-05	0.007701	3.54E-08	0.008459
404	483877.7	3854221	0.34715	0.21721	0.15219	0.0534	6.52E-04	1.9E-05	0.0033	6E-08	0.00398	7.99E-04	2.33506E-05	0.00407	3.34E-08	4.89E-03	0.000705	1.8E-05	0.007751	3.45E-08	0.008474
405	489150.19	3858726.45	0.52198	0.1751	0.11905	0.24389	9.81E-04	1.5E-05	0.00259	2.7E-07	0.00358	1.20E-03	1.88236E-05	0.003184	1.53E-07	4.41E-03	0.00106	1.45E-05	0.006063	1.58E-07	0.007138
406	489200.19	3858726.45	0.48361	0.17547	0.11846	0.24414	9.09E-04	1.5E-05	0.00257	2.7E-07	0.0035	1.11E-03	1.88634E-05	0.003168	1.53E-07	4.30E-03	0.000982	1.45E-05	0.006033	1.58E-07	0.00703
407	489150.19	3858776.45	0.53159	0.1658	0.11518	0.22686	9.99E-04	1.5E-05	0.0025	2.5E-07	0.00352	1.22E-03	1.78239E-05	0.003081	1.42E-07	4.32E-03	0.001079	1.37E-05	0.005866	1.47E-07	0.006959
408	489200.19	3858776.45	0.48406	0.16605	0.11462	0.22666	9.10E-04	1.5E-05	0.00249	2.5E-07	0.00341	1.11E-03	1.78507E-05	0.003066	1.42E-07	4.20E-03	0.000983	1.37E-05	0.005838	1.46E-07	0.006834
409	488919.6	3856400.76	0.50596	0.3844	0.64964	0.51805	9.51E-04	3.4E-05	0.01411	5.8E-07	0.01509	1.17E-03	4.13239E-05	0.017375	3.24E-07	1.86E-02	0.001027	3.18E-05	0.033087	3.35E-07	0.034146
410	488919.6	3856450.76	0.51223	0.41372	0.65759	0.5352	9.63E-04	3.6E-05	0.01428	6E-07	0.01528	1.18E-03	4.44758E-05	0.017588	3.35E-07	1.88E-02	0.00104	3.42E-05	0.033491	3.46E-07	0.034566
411	488969.6	3856450.76	0.50255	0.41508	0.64368	0.52671	9.44E-04	3.6E-05	0.01398	5.9E-07	0.01496	1.16E-03	4.4622E-05	0.017216	3.29E-07	1.84E-02	0.00102	3.43E-05	0.032783	3.4E-07	0.033838
412	488919.6	3856500.76	0.51809	0.44709	0.66464	0.55273	9.74E-04	3.9E-05	0.01443	6.2E-07	0.01545	1.19E-03	4.80632E-05	0.017776	3.46E-07	1.90E-02	0.001052	3.7E-05	0.03385	3.57E-07	0.03494
413	488969.6	3856500.76	0.50803	0.44763	0.65014	0.54508	9.55E-04	3.9E-05	0.01412	6.1E-07	0.01511	1.17E-03	4.81212E-05	0.017388	3.41E-07	1.86E-02	0.001031	3.7E-05	0.033112	3.52E-07	0.034181
414	488919.6	3856550.76	0.52333	0.48462	0.67052	0.57201	9.83E-04	4.3E-05	0.01456	6.4E-07	0.01559	1.21E-03	5.20977E-05	0.017934	3.58E-07	1.92E-02	0.001063	4.01E-05	0.03415	3.7E-07	0.035253
415	488969.6	3856550.76	0.51308	0.48409	0.65567	0.56274	9.64E-04	4.2E-05	0.01424	6.3E-07	0.01525	1.18E-03	5.20408E-05	0.017536	3.52E-07	1.88E-02	0.001042	4E-05	0.033394	3.64E-07	0.034476
416	488819.6	3856600.76	0.55047	0.52864	0.70798	0.60847	1.03E-03	4.6E-05	0.01537	6.8E-07	0.01646	1.27E-03	5.683E-05	0.018935	3.81E-07	2.03E-02	0.001118	4.37E-05	0.036058	3.93E-07	0.03722
417	488869.6	3856600.76	0.53915	0.5278	0.69148	0.59844	1.01E-03	4.6E-05	0.01502	6.7E-07	0.01608	1.24E-03	5.67397E-05	0.018494	3.74E-07	1.98E-02	0.001095	4.36E-05	0.035217	3.87E-07	0.036356
418	488919.6	3856600.76	0.52814	0.52623	0.67543	0.58984	9.92E-04	4.6E-05	0.01467	6.6E-07	0.01571	1.22E-03	5.65709E-05	0.018065	3.69E-07	1.93E-02	0.001072	4.35E-05	0.0344	3.81E-07	0.035516
419	488819.6	3856650.76	0.55515	0.5783	0.71237	0.62836	1.04E-03	5.1E-05	0.01547	7E-07	0.01656	1.28E-03	6.21685E-05	0.019053	3.93E-07	2.04E-02	0.001127	4.78E-05	0.036281	4.06E-07	0.037457
420	488869.6	3856650.76	0.5436	0.57558	0.69539	0.61767	1.02E-03	5E-05	0.0151	6.9E-07	0.01617	1.25E-03	6.18761E-05	0.018599	3.86E-07	1.99E-02	0.001104	4.76E-05	0.035417	3.99E-07	0.036568
421	488819.6	3856700.76	0.55916	0.63297	0.71521	0.649	1.05E-03	5.6E-05	0.01553	7.3E-07	0.01664	1.29E-03	6.80457E-05	0.019129	4.06E-07	2.05E-02	0.001135	5.23E-05	0.036426	4.19E-07	0.037614
422	488869.6	3856700.76	0.54746	0.62796	0.6979	0.63717	1.03E-03	5.5E-05	0.01516	7.1E-07	0.01624	1.26E-03	6.75071E-05	0.018666	3.99E-07	2.00E-02	0.001112	5.19E-05	0.035544	4.12E-07	0.036708
423	488819.6	3856750.76	0.56275	0.69272	0.7166	0.66857	1.06E-03	6.1E-05	0.01556	7.5E-07	0.01668	1.30E-03	7.4469E-05	0.019166	4.18E-07	2.05E-02	0.001143	5.73E-05	0.036497	4.32E-07	0.037697

424	488869.6	3856750.76	0.55074	0.6844	0.69869	0.65766	1.03E-03	6E-05	0.01517	7.3E-07	0.01627	1.27E-03	7.35745E-05	0.018687	4.11E-07	2.00E-02	0.001118	5.66E-05	0.035585	4.25E-07	0.03676
425	488819.6	3857050.76	0.57442	1.08893	0.68437	0.80309	1.08E-03	9.6E-05	0.01486	9E-07	0.01604	1.32E-03	0.000117062	0.018304	5.02E-07	1.97E-02	0.001166	9.01E-05	0.034855	5.19E-07	0.036112
426	488869.6	3857050.76	0.56164	1.05155	0.66575	0.78789	1.06E-03	9.2E-05	0.01446	8.8E-07	0.01561	1.29E-03	0.000113044	0.017806	4.93E-07	1.92E-02	0.00114	8.7E-05	0.033907	5.09E-07	0.035135
427	488919.6	3857050.76	0.54952	1.01671	0.64829	0.77196	1.03E-03	8.9E-05	0.01408	8.6E-07	0.0152	1.27E-03	0.000109299	0.017339	4.83E-07	1.87E-02	0.001116	8.41E-05	0.033018	4.99E-07	0.034218
428	488819.6	3857100.76	0.57568	1.14211	0.67267	0.82742	1.08E-03	0.0001	0.01461	9.2E-07	0.01579	1.33E-03	0.000122779	0.017991	5.18E-07	1.94E-02	0.001169	9.45E-05	0.034259	5.34E-07	0.035523
429	488869.6	3857100.76	0.56296	1.10047	0.65465	0.80977	1.06E-03	9.7E-05	0.01422	9E-07	0.01537	1.30E-03	0.000118303	0.017509	5.06E-07	1.89E-02	0.001143	9.1E-05	0.033342	5.23E-07	0.034576
430	488919.6	3857100.76	0.55041	1.06003	0.63701	0.79421	1.03E-03	9.3E-05	0.01383	8.9E-07	0.01496	1.27E-03	0.000113956	0.017037	4.97E-07	1.84E-02	0.001118	8.77E-05	0.032443	5.13E-07	0.033649
431	488819.6	3857150.76	0.5768	1.1846	0.65958	0.85239	1.08E-03	0.0001	0.01432	9.5E-07	0.01551	1.33E-03	0.000127347	0.017641	5.33E-07	1.91E-02	0.001171	9.8E-05	0.033593	5.51E-07	0.034862
432	488869.6	3857150.76	0.56371	1.13774	0.64156	0.83449	1.06E-03	1E-04	0.01393	9.3E-07	0.01509	1.30E-03	0.00012231	0.017159	5.22E-07	1.86E-02	0.001145	9.41E-05	0.032675	5.39E-07	0.033914
433	488919.6	3857150.76	0.55125	1.09437	0.62463	0.81637	1.04E-03	9.6E-05	0.01356	9.1E-07	0.0147	1.27E-03	0.000117647	0.016706	5.11E-07	1.81E-02	0.001119	9.05E-05	0.031813	5.27E-07	0.033023
434	488969.6	3857150.76	0.53919	1.05335	0.60837	0.79921	1.01E-03	9.2E-05	0.01321	8.9E-07	0.01432	1.24E-03	0.000113237	0.016271	5E-07	1.76E-02	0.001095	8.71E-05	0.030985	5.16E-07	0.032167
435	488819.6	3857200.76	0.57778	1.21399	0.64516	0.87842	1.09E-03	0.00011	0.01401	9.8E-07	0.0152	1.33E-03	0.000130507	0.017255	5.49E-07	1.87E-02	0.001173	0.0001	0.032858	5.67E-07	0.034132
436	488869.6	3857200.76	0.56436	1.16327	0.62736	0.85955	1.06E-03	0.0001	0.01362	9.6E-07	0.01479	1.30E-03	0.000125054	0.016779	5.38E-07	1.82E-02	0.001146	9.62E-05	0.031952	5.55E-07	0.033194
437	488919.6	3857200.76	0.55166	1.11664	0.61068	0.84044	1.04E-03	9.8E-05	0.01326	9.4E-07	0.0144	1.27E-03	0.000120041	0.016333	5.26E-07	1.77E-02	0.00112	9.23E-05	0.031102	5.43E-07	0.032315
438	488969.6	3857200.76	0.53961	1.07379	0.59509	0.82107	1.01E-03	9.4E-05	0.01292	9.2E-07	0.01403	1.24E-03	0.000115435	0.015916	5.14E-07	1.73E-02	0.001096	8.88E-05	0.030308	5.3E-07	0.031493
439	488819.6	3857250.76	0.57882	1.22992	0.62984	0.90434	1.09E-03	0.00011	0.01368	1E-06	0.01487	1.33E-03	0.000132219	0.016845	5.66E-07	1.83E-02	0.001175	0.000102	0.032078	5.84E-07	0.033356
440	488869.6	3857250.76	0.56521	1.17715	0.61253	0.88366	1.06E-03	0.0001	0.0133	9.9E-07	0.01447	1.30E-03	0.000126546	0.016383	5.53E-07	1.78E-02	0.001148	9.73E-05	0.031197	5.71E-07	0.032442
441	488919.6	3857250.76	0.55216	1.12819	0.59612	0.86356	1.04E-03	9.9E-05	0.01295	9.6E-07	0.01408	1.27E-03	0.000121283	0.015944	5.4E-07	1.73E-02	0.001121	9.33E-05	0.030361	5.58E-07	0.031576
442	488969.6	3857250.76	0.53968	1.08275	0.58057	0.84394	1.01E-03	9.5E-05	0.01261	9.4E-07	0.01372	1.24E-03	0.000116398	0.015528	5.28E-07	1.69E-02	0.001096	8.95E-05	0.029569	5.45E-07	0.030755
443	488819.6	3857300.76	0.57941	1.2302	0.61299	0.93207	1.09E-03	0.00011	0.01331	1E-06	0.01451	1.33E-03	0.000132249	0.016395	5.83E-07	1.79E-02	0.001176	0.000102	0.03122	6.02E-07	0.032499
444	488869.6	3857300.76	0.5655	1.17656	0.59614	0.90967	1.06E-03	0.0001	0.01295	1E-06	0.01411	1.30E-03	0.000126483	0.015944	5.69E-07	1.74E-02	0.001148	9.73E-05	0.030362	5.88E-07	0.031608
445	488919.6	3857300.76	0.55205	1.12621	0.57994	0.88869	1.04E-03	9.9E-05	0.01259	9.9E-07	0.01373	1.27E-03	0.00012107	0.015511	5.56E-07	1.69E-02	0.001121	9.31E-05	0.029537	5.74E-07	0.030751
446	488819.6	3857450.76	0.5792	1.15388	0.55397	1.01737	1.09E-03	0.0001	0.01203	1.1E-06	0.01322	1.33E-03	0.000124045	0.014816	6.36E-07	1.63E-02	0.001176	9.54E-05	0.028214	6.57E-07	0.029486
447	488869.6	3857450.76	0.56413	1.1053	0.53893	0.98883	1.06E-03	9.7E-05	0.0117	1.1E-06	0.01286	1.30E-03	0.000118822	0.014414	6.18E-07	1.58E-02	0.001145	9.14E-05	0.027448	6.39E-07	0.028685
448	488919.6	3857450.76	0.54921	1.05785	0.52392	0.96364	1.03E-03	9.3E-05	0.01138	1.1E-06	0.0125	1.26E-03	0.000113721	0.014013	6.03E-07	1.54E-02	0.001115	8.75E-05	0.026684	6.22E-07	0.027887
449	488819.6	3857500.76	0.57801	1.1096	0.53109	1.04502	1.09E-03	9.7E-05	0.01153	1.2E-06	0.01272	1.33E-03	0.000119284	0.014204	6.54E-07	1.57E-02	0.001174	9.18E-05	0.027049	6.75E-07	0.028315
450	488869.6	3857500.76	0.562	1.06271	0.51623	1.01592	1.06E-03	9.3E-05	0.01121	1.1E-06	0.01236	1.29E-03	0.000114244	0.013807	6.35E-07	1.52E-02	0.001141	8.79E-05	0.026292	6.56E-07	0.027522
451	488919.6	3857500.76	0.54684	1.019	0.50224	0.98767	1.03E-03	8.9E-05	0.01091	1.1E-06	0.01202	1.26E-03	0.000109545	0.013433	6.18E-07	1.48E-02	0.00111	8.43E-05	0.025579	6.38E-07	0.026775
452	488819.6	3857550.76	0.57536	1.05714	0.50582	1.07351	1.08E-03	9.3E-05	0.01098	1.2E-06	0.01216	1.32E-03	0.000113645	0.013528	6.71E-07	1.50E-02	0.001168	8.74E-05	0.025762	6.93E-07	0.027018
453	488869.6	3857550.76	0.55914	1.01515	0.49227	1.04072	1.05E-03	8.9E-05	0.01069	1.2E-06	0.01183	1.29E-03	0.000109131	0.013166	6.51E-07	1.46E-02	0.001135	8.4E-05	0.025072	6.72E-07	0.026291
454	488919.6	3857550.76	0.54349	0.97462	0.47907	1.01041	1.02E-03	8.6E-05	0.0104	1.1E-06	0.01151	1.25E-03	0.000104774	0.012813	6.32E-07	1.42E-02	0.001103	8.06E-05	0.024399	6.53E-07	0.025584
455	489663.71	3860900.05	0.04378	0.04249	0.03836	0.05024	8.23E-05	3.7E-06	0.00083	5.6E-08	0.00092	1.01E-04	4.56777E-06	0.001026	3.14E-08	1.13E-03	8.89E-05	3.51E-06	0.001954	3.25E-08	0.002046
456	489813.71	3860900.05	0.04402	0.04279	0.03846	0.05051	8.27E-05	3.8E-06	0.00084	5.6E-08	0.00092	1.01E-04	4.60002E-06	0.001029	3.16E-08	1.13E-03	8.94E-05	3.54E-06	0.001959	3.26E-08	0.002052
457	489863.71	3860900.05	0.04405	0.04285	0.03843	0.05053	8.28E-05	3.8E-06	0.00083	5.6E-08	0.00092	1.01E-04	4.60647E-06	0.001028	3.16E-08	1.13E-03	8.94E-05	3.54E-06	0.001957	3.26E-08	0.00205
458	489913.71	3860900.05	0.04421	0.04305	0.03851	0.05064	8.31E-05	3.8E-06	0.00084	5.7E-08	0.00092	1.02E-04	4.62797E-06	0.00103	3.17E-08	1.14E-03	8.98E-05	3.56E-06	0.001961	3.27E-08	0.002055
459	489963.71	3860900.05	0.04424	0.04313	0.03848	0.05066	8.31E-05	3.8E-06	0.00084	5.7E-08	0.00092	1.02E-04	4.63657E-06	0.001029	3.17E-08	1.14E-03	8.98E-05	3.57E-06	0.00196	3.27E-08	0.002053
460	490013.71	3860900.05	0.04441	0.04336	0.03857	0.05078	8.35E-05	3.8E-06	0.00084	5.7E-08	0.00092	1.02E-04	4.6613E-06	0.001032	3.18E-08	1.14E-03	9.02E-05	3.59E-06	0.001964	3.28E-08	0.002058
461	490063.71	3860900.05	0.04451	0.04352	0.03861	0.05086	8.36E-05	3.8E-06	0.00084	5.7E-08	0.00093	1.02E-04	4.6785E-06	0.001033	3.18E-08	1.14E-03	9.04E-05	3.6E-06	0.001966	3.29E-08	0.00206
462	489663.71	3860950.05	0.04282	0.04159	0.03765	0.04908	8.05E-05	3.6E-06	0.00082	5.5E-08	0.0009	9.86E-05	4.47102E-06	0.001007	3.07E-08	1.11E-03	8.69E-05	3.44E-06	0.001918	3.17E-08	0.002008
463	489813.71	3860950.05	0.04304	0.04185	0.03776	0.04938	8.09E-05	3.7E-06	0.00082	5.5E-08	0.0009	9.91E-05	4.49897E-06	0.00101	3.09E-08	1.11E-03	8.74E-05	3.46E-06	0.001923	3.19E-08	0.002014
464	489863.71	3860950.05	0.04304	0.04188	0.03772	0.04939	8.09E-05	3.7E-06	0.00082	5.5E-08	0.0009	9.91E-05	4.50219E-06	0.001009	3.09E-08	1.11E-03	8.74E-05	3.46E-06	0.001921	3.19E-08	0.002012
465	489913.71	3860950.05	0.04317	0.04204	0.03777	0.04948	8.11E-05	3.7E-06	0.00082	5.5E-08	0.00091	9.94E-05	4.51939E-06	0.00101	3.09E-08	1.11E-03	8.77E-05	3.48E-06	0.001924	3.2E-08	0.002015
466	489963.71	3860950.05	0.04322	0.04214	0.03776	0.04951	8.12E-05	3.7E-06	0.00082	5.5E-08	0.0009	9.95E-05	4.53014E-06	0.00101	3.1E-08	1.11E-03	8.78E-05	3.48E-06	0.001923	3.2E-08	0.002014
467	490013.71	3860950.05	0.04333	0.04229	0.03779	0.04959	8.14E-05	3.7E-06	0.00082	5.5E-08	0.00091	9.98E-05	4.54627E-06	0.001011	3.1E-08	1.12E-03	8.8E-05	3.5E-06	0.001925	3.2E-08	0.002016
468	490063.71	3860950.05	0.04344	0.04246	0.03784	0.04967	8.16E-05	3.7E-06	0.00082	5.5E-08	0.00091	1.00E-04	4.56455E-06	0.001012	3.11E-08	1.12E-03	8.82E-05	3.51E-06	0.001927	3.21E-08	0.002019
469	489513.71	3861000.05	0.04184	0.04054	0.03683	0.04752	7.86E-05	3.6E-06	0.0008	5.3E-08	0.00088	9.63E-05	4.35814E-06	0.000985	2.97E-08	1.09E-03	8.5E-05	3.35E-06	0.001876	3.07E-08	0.001964
470	489563.71	3861000.05	0.04184	0.0406	0.03686	0.04767	7.86E-05	3.6E-06	0.0008	5.3E-08	0.00088	9.63E-05	4.36459E-06	0.000986	2.98E-08	1.09E-03	8.5E-05	3.36E-06	0.001877	3.08E-08	0.001966
471	489613.71	3861000.05	0.0419	0.04069	0.03693	0.04785	7.87E-05	3.6E-06	0.0008	5.3E-08	0.00088	9.65E-05	4.37427E-06	0.000988	2.99E-08	1.09E-03	8.51E-05	3.37E-06	0.001881	3.09E-08	0.001969
472	489663.71	3861000.05	0.04193	0.04075	0.03697	0.04799	7.88E-05	3.6E-06	0.0008	5.4E-08	0.00089	9.66E-05	4.38072E-06	0.000989	3E-08	1.09E-03	8.51E-05	3.37E-06	0.001883	3.1E-08	0.001971
473	489713.71	3861000.05	0.04194	0.04077	0.03698	0.04808	7.88E-05	3.6E-06	0.0008	5.4E-08	0.00089	9.66E-05	4.38287E-06	0.000989	3.01E-08	1.09E-03	8.52E-05	3.37E-06	0.001883	3.11E-08	0.001972
474	489763.71	3861000.05	0.04199	0.04083	0.03701	0.04817	7.89E-05	3.6E-06	0.0008	5.4E-08	0.00089	9.67E-05	4.38932E-06	0.00099	3.01E-08	1.09E-03	8.53E-05	3.38E-06	0.001885	3.11E-08	0.001974
475	489813.71	3861000.05	0.04212	0.04098	0.0371	0.0483	7.92E-05	3.6E-06	0.00081	5.4E-08	0.00089	9.70E-05	4.40544E-06	0.000992	3.02E-08	1.09E-03	8.55E-05	3.39E-06	0.00189	3.12E-08	0.001978
476	489863.71	3861000.05	0.04212	0.04099	0.03706	0.04831	7.92E-05	3.6E-06	0.0008	5.4E-08	0.00089	9.70E-05	4.40652E-06	0.000991	3.02E-08	1.09E-03	8.55E-05	3.39E-06	0.001887	3.12E-08	0.001976
477	489913.71	3861000.05	0.04223	0.04113	0.0371	0.0484	7.94E-05	3.6E-06	0.00081	5.4E-08	0.00089	9.72E-05	4.42157E-06	0.000992	3.03E-08	1.09E-03	8.57E-05	3.4E-06	0.00189	3.13E-08	0.001979
478	489963.71	3861000.05	0.04225	0.04119	0.03707	0.04841	7.94E-05	3.6E-06	0.00081	5.4E-08	0.00089	9.73E-05	4.42802E-06	0.000991	3.03E-08	1.09E-03	8.58E-05	3.41E-06	0.001888	3.13E-08	0.001977
479	490013.71	3861000.05	0.04234	0.04133	0.03709	0.04847	7.96E-05	3.6E-06	0.00081	5.4E-08	0.00089	9.75E-05	4.44307E-06	0.000992	3.03E-08	1.09E-03	8.6E-05	3.42E-06	0.001889	3.13E-08	0.001978
480	490063.71	3861000.05	0.04243	0.04146	0.03711	0.04853	7.97E-05	3.6E-06	0.00081	5.4E-08	0.00089	9.77E-05	4.45704E-06	0.000993	3.04E-08	1.09E-03	8.61E-05	3.43E-06	0.00189	3.13E-08	0.00198
481	489513.71	3861050.05	0.04102	0.03976	0.0362	0.04646	7.71E-05	3.5E-06	0.00079	5.2E-08	0.00087	9.45E-05	4.27429E-06	0.000968	2.91E-08	1.07E-03	8.33E-05	3.29E-06	0.001844	3E-08	0.00193
482	489563.71	3861050.05	0.04101	0.03981	0.03622	0.04661	7.71E-05	3.5E-06	0.00079	5.2E-08	0.00087	9.44E-05	4.27966E-06	0.000969	2.92E-08	1.07E-03	8.33E-05	3.29E-06	0.001845	3.01E-08	0.001931
483	489613.71	3861050.05	0.04111	0.03996	0.03633	0.04682	7.73E-05	3.5E-06	0.00079	5.2E-08	0.00087	9.47E-05	4.29579E-06	0.000972	2.93E-08	1.07E-03	8.35E-05	3.3E-06	0.00185	3.02E-08	0.001937
484	489663.71	3861050.05	0.04107	0.03994	0.03631	0.04691	7.72E-05	3.5E-06	0.00079	5.2E-08	0.00087	9.46E-05	4.29364E-06	0.000971	2.93E-08	1.07E-03	8.34E-05	3.3E-06	0.001849	3.03E-08	0.001936

485	489713.71	3861050.05	0.04106	0.03995	0.03631	0.047	7.72E-05	3.5E-06	0.00079	5.3E-08	0.00087	9.46E-05	4.29471E-06	0.000971	2.94E-08	1.07E-03	8.34E-05	3.3E-06	0.001849	3.04E-08	0.001936
486	489763.71	3861050.05	0.04111	0.04001	0.03635	0.04711	7.73E-05	3.5E-06	0.00079	5.3E-08	0.00087	9.47E-05	4.30116E-06	0.000972	2.95E-08	1.07E-03	8.35E-05	3.31E-06	0.001851	3.04E-08	0.001938
487	489813.71	3861050.05	0.04119	0.0401	0.03641	0.04722	7.74E-05	3.5E-06	0.00079	5.3E-08	0.00087	9.49E-05	4.31084E-06	0.000974	2.95E-08	1.07E-03	8.36E-05	3.32E-06	0.001854	3.05E-08	0.001941
488	489863.71	3861050.05	0.04122	0.04014	0.0364	0.04727	7.75E-05	3.5E-06	0.00079	5.3E-08	0.00087	9.49E-05	4.31514E-06	0.000974	2.96E-08	1.07E-03	8.37E-05	3.32E-06	0.001854	3.05E-08	0.001941
489	489913.71	3861050.05	0.04128	0.04022	0.03641	0.04732	7.76E-05	3.5E-06	0.00079	5.3E-08	0.00087	9.51E-05	4.32374E-06	0.000974	2.96E-08	1.07E-03	8.38E-05	3.33E-06	0.001854	3.06E-08	0.001942
490	489963.71	3861050.05	0.04133	0.04029	0.03641	0.04736	7.77E-05	3.5E-06	0.00079	5.3E-08	0.00087	9.52E-05	4.33127E-06	0.000974	2.96E-08	1.07E-03	8.39E-05	3.33E-06	0.001854	3.06E-08	0.001942
491	490013.71	3861050.05	0.04145	0.04045	0.03646	0.04744	7.79E-05	3.5E-06	0.00079	5.3E-08	0.00087	9.55E-05	4.34847E-06	0.000975	2.97E-08	1.07E-03	8.42E-05	3.35E-06	0.001857	3.06E-08	0.001944
492	490063.71	3861050.05	0.04151	0.04055	0.03645	0.04748	7.80E-05	3.6E-06	0.00079	5.3E-08	0.00087	9.56E-05	4.35922E-06	0.000975	2.97E-08	1.07E-03	8.43E-05	3.35E-06	0.001856	3.07E-08	0.001944
493	489513.71	3861100.05	0.04031	0.03907	0.03564	0.04549	7.58E-05	3.4E-06	0.00077	5.1E-08	0.00085	9.28E-05	4.20011E-06	0.000953	2.85E-08	1.05E-03	8.18E-05	3.23E-06	0.001815	2.94E-08	0.0019
494	489563.71	3861100.05	0.0402	0.03904	0.03559	0.04557	7.55E-05	3.4E-06	0.00077	5.1E-08	0.00085	9.26E-05	4.19689E-06	0.000952	2.85E-08	1.05E-03	8.16E-05	3.23E-06	0.001813	2.94E-08	0.001897
495	489613.71	3861100.05	0.0401	0.03898	0.03553	0.04564	7.54E-05	3.4E-06	0.00077	5.1E-08	0.00085	9.23E-05	4.19044E-06	0.00095	2.85E-08	1.05E-03	8.14E-05	3.22E-06	0.00181	2.95E-08	0.001894
496	489663.71	3861100.05	0.04013	0.03905	0.03558	0.0458	7.54E-05	3.4E-06	0.00077	5.1E-08	0.00085	9.24E-05	4.19796E-06	0.000952	2.86E-08	1.05E-03	8.15E-05	3.23E-06	0.001812	2.96E-08	0.001897
497	489713.71	3861100.05	0.04017	0.03911	0.03563	0.04593	7.55E-05	3.4E-06	0.00077	5.1E-08	0.00085	9.25E-05	4.20441E-06	0.000953	2.87E-08	1.05E-03	8.16E-05	3.23E-06	0.001815	2.97E-08	0.001899
498	489763.71	3861100.05	0.04021	0.03916	0.03567	0.04605	7.56E-05	3.4E-06	0.00077	5.1E-08	0.00085	9.26E-05	4.20979E-06	0.000954	2.88E-08	1.05E-03	8.16E-05	3.24E-06	0.001817	2.97E-08	0.001902
499	489813.71	3861100.05	0.04029	0.03924	0.03572	0.04616	7.57E-05	3.4E-06	0.00078	5.2E-08	0.00085	9.28E-05	4.21839E-06	0.000955	2.89E-08	1.05E-03	8.18E-05	3.25E-06	0.001819	2.98E-08	0.001904
500	489863.71	3861100.05	0.0404	0.03936	0.0358	0.04628	7.59E-05	3.5E-06	0.00078	5.2E-08	0.00086	9.30E-05	4.23129E-06	0.000957	2.89E-08	1.05E-03	8.2E-05	3.26E-06	0.001823	2.99E-08	0.001909
501	489913.71	3861100.05	0.0404	0.03937	0.03577	0.0463	7.59E-05	3.5E-06	0.00078	5.2E-08	0.00086	9.30E-05	4.23236E-06	0.000957	2.9E-08	1.05E-03	8.2E-05	3.26E-06	0.001822	2.99E-08	0.001907
502	489963.71	3861100.05	0.04046	0.03945	0.03578	0.04634	7.60E-05	3.5E-06	0.00078	5.2E-08	0.00086	9.32E-05	4.24096E-06	0.000957	2.9E-08	1.05E-03	8.21E-05	3.26E-06	0.001822	2.99E-08	0.001908
503	490013.71	3861100.05	0.04048	0.0395	0.03575	0.04636	7.61E-05	3.5E-06	0.00078	5.2E-08	0.00086	9.32E-05	4.24634E-06	0.000956	2.9E-08	1.05E-03	8.22E-05	3.27E-06	0.001821	2.99E-08	0.001906
504	490063.71	3861100.05	0.04055	0.0396	0.03576	0.04641	7.62E-05	3.5E-06	0.00078	5.2E-08	0.00086	9.34E-05	4.25709E-06	0.000956	2.9E-08	1.05E-03	8.23E-05	3.27E-06	0.001821	3E-08	0.001907
505	489713.71	3861150.05	0.03933	0.03832	0.03497	0.0449	7.39E-05	3.4E-06	0.00076	5E-08	0.00084	9.06E-05	4.11949E-06	0.000935	2.81E-08	1.03E-03	7.99E-05	3.17E-06	0.001781	2.9E-08	0.001864
506	489763.71	3861150.05	0.03939	0.03838	0.03503	0.04504	7.40E-05	3.4E-06	0.00076	5E-08	0.00084	9.07E-05	4.12594E-06	0.000937	2.82E-08	1.03E-03	8E-05	3.17E-06	0.001784	2.91E-08	0.001867
507	489813.71	3861150.05	0.03946	0.03845	0.03509	0.04516	7.42E-05	3.4E-06	0.00076	5E-08	0.00084	9.09E-05	4.13346E-06	0.000939	2.82E-08	1.03E-03	8.01E-05	3.18E-06	0.001787	2.92E-08	0.00187
508	489863.71	3861150.05	0.0395	0.0385	0.03512	0.04524	7.42E-05	3.4E-06	0.00076	5.1E-08	0.00084	9.10E-05	4.13884E-06	0.000939	2.83E-08	1.03E-03	8.02E-05	3.18E-06	0.001789	2.92E-08	0.001872
509	489913.71	3861150.05	0.03954	0.03854	0.03512	0.04529	7.43E-05	3.4E-06	0.00076	5.1E-08	0.00084	9.11E-05	4.14314E-06	0.000939	2.83E-08	1.03E-03	8.03E-05	3.19E-06	0.001789	2.93E-08	0.001872
510	489963.71	3861150.05	0.03956	0.03857	0.03511	0.04532	7.43E-05	3.4E-06	0.00076	5.1E-08	0.00084	9.11E-05	4.14636E-06	0.000939	2.83E-08	1.03E-03	8.03E-05	3.19E-06	0.001788	2.93E-08	0.001872
511	490013.71	3861150.05	0.03959	0.03862	0.03509	0.04535	7.44E-05	3.4E-06	0.00076	5.1E-08	0.00084	9.12E-05	4.15174E-06	0.000939	2.84E-08	1.03E-03	8.04E-05	3.19E-06	0.001787	2.93E-08	0.001871
512	490063.71	3861150.05	0.03967	0.03874	0.03512	0.04541	7.45E-05	3.4E-06	0.00076	5.1E-08	0.00084	9.14E-05	4.16464E-06	0.000939	2.84E-08	1.03E-03	8.05E-05	3.2E-06	0.001789	2.93E-08	0.001872
513	489613.71	3861200.05	0.03843	0.03738	0.0342	0.04358	7.22E-05	3.3E-06	0.00074	4.9E-08	0.00082	8.85E-05	4.01843E-06	0.000915	2.73E-08	1.01E-03	7.8E-05	3.09E-06	0.001742	2.82E-08	0.001823
514	489663.71	3861200.05	0.03848	0.03747	0.03427	0.04375	7.23E-05	3.3E-06	0.00074	4.9E-08	0.00082	8.86E-05	4.02811E-06	0.000917	2.74E-08	1.01E-03	7.81E-05	3.1E-06	0.001745	2.83E-08	0.001827
515	489713.71	3861200.05	0.03853	0.03756	0.03434	0.04391	7.24E-05	3.3E-06	0.00075	4.9E-08	0.00082	8.87E-05	4.03778E-06	0.000918	2.75E-08	1.01E-03	7.82E-05	3.11E-06	0.001749	2.84E-08	0.00183
516	489763.71	3861200.05	0.03858	0.03762	0.0344	0.04405	7.25E-05	3.3E-06	0.00075	4.9E-08	0.00082	8.88E-05	4.04423E-06	0.00092	2.76E-08	1.01E-03	7.83E-05	3.11E-06	0.001752	2.85E-08	0.001833
517	489813.71	3861200.05	0.03865	0.03769	0.03446	0.04418	7.26E-05	3.3E-06	0.00075	4.9E-08	0.00082	8.90E-05	4.05176E-06	0.000922	2.76E-08	1.01E-03	7.85E-05	3.12E-06	0.001755	2.85E-08	0.001837
518	489863.71	3861200.05	0.03873	0.03777	0.03453	0.0443	7.28E-05	3.3E-06	0.00075	4.9E-08	0.00083	8.92E-05	4.06036E-06	0.000924	2.77E-08	1.02E-03	7.86E-05	3.12E-06	0.001759	2.86E-08	0.00184
519	489913.71	3861200.05	0.03875	0.03779	0.03453	0.04436	7.28E-05	3.3E-06	0.00075	5E-08	0.00083	8.92E-05	4.06251E-06	0.000924	2.77E-08	1.02E-03	7.87E-05	3.13E-06	0.001759	2.87E-08	0.00184
520	489963.71	3861200.05	0.03876	0.0378	0.03451	0.04438	7.28E-05	3.3E-06	0.00075	5E-08	0.00083	8.93E-05	4.06358E-06	0.000923	2.78E-08	1.02E-03	7.87E-05	3.13E-06	0.001758	2.87E-08	0.001839
521	490013.71	3861200.05	0.0388	0.03786	0.03452	0.04442	7.29E-05	3.3E-06	0.00075	5E-08	0.00083	8.93E-05	4.07003E-06	0.000923	2.78E-08	1.02E-03	7.88E-05	3.13E-06	0.001758	2.87E-08	0.00184
522	490063.71	3861200.05	0.03883	0.03791	0.0345	0.04445	7.30E-05	3.3E-06	0.00075	5E-08	0.00083	8.94E-05	4.07541E-06	0.000923	2.78E-08	1.02E-03	7.88E-05	3.14E-06	0.001757	2.87E-08	0.001839
523	489513.71	3861250.05	0.03756	0.03631	0.03345	0.04225	7.06E-05	3.2E-06	0.00073	4.7E-08	0.0008	8.65E-05	3.90341E-06	0.000895	2.64E-08	9.85E-04	7.63E-05	3E-06	0.001704	2.73E-08	0.001783
524	489563.71	3861250.05	0.03765	0.03651	0.03354	0.04245	7.08E-05	3.2E-06	0.00073	4.7E-08	0.0008	8.67E-05	3.92491E-06	0.000897	2.65E-08	9.88E-04	7.64E-05	3.02E-06	0.001708	2.74E-08	0.001788
525	489613.71	3861250.05	0.0377	0.03666	0.03362	0.04264	7.08E-05	3.2E-06	0.00073	4.8E-08	0.0008	8.68E-05	3.94103E-06	0.000899	2.67E-08	9.90E-04	7.65E-05	3.03E-06	0.001712	2.75E-08	0.001792
526	489663.71	3861250.05	0.03773	0.03675	0.03366	0.04279	7.09E-05	3.2E-06	0.00073	4.8E-08	0.00081	8.69E-05	3.95071E-06	0.0009	2.68E-08	9.91E-04	7.66E-05	3.04E-06	0.001714	2.76E-08	0.001794
527	489713.71	3861250.05	0.03777	0.03683	0.03373	0.04296	7.10E-05	3.2E-06	0.00073	4.8E-08	0.00081	8.70E-05	3.95931E-06	0.000902	2.69E-08	9.93E-04	7.67E-05	3.05E-06	0.001718	2.78E-08	0.001798
528	489763.71	3861250.05	0.03782	0.0369	0.03379	0.0431	7.11E-05	3.2E-06	0.00073	4.8E-08	0.00081	8.71E-05	3.96683E-06	0.000904	2.7E-08	9.95E-04	7.68E-05	3.05E-06	0.001721	2.78E-08	0.001801
529	489813.71	3861250.05	0.03787	0.03696	0.03385	0.04323	7.12E-05	3.2E-06	0.00074	4.8E-08	0.00081	8.72E-05	3.97328E-06	0.000905	2.7E-08	9.97E-04	7.69E-05	3.06E-06	0.001724	2.79E-08	0.001804
530	489863.71	3861250.05	0.03792	0.037	0.03389	0.04334	7.13E-05	3.2E-06	0.00074	4.8E-08	0.00081	8.73E-05	3.97758E-06	0.000906	2.71E-08	9.98E-04	7.7E-05	3.06E-06	0.001726	2.8E-08	0.001806
531	489913.71	3861250.05	0.03798	0.03706	0.03394	0.04343	7.14E-05	3.3E-06	0.00074	4.9E-08	0.00081	8.75E-05	3.98403E-06	0.000908	2.72E-08	9.99E-04	7.71E-05	3.06E-06	0.001729	2.81E-08	0.001809
532	489963.71	3861250.05	0.03802	0.0371	0.03396	0.04349	7.14E-05	3.3E-06	0.00074	4.9E-08	0.00081	8.76E-05	3.98833E-06	0.000908	2.72E-08	1.00E-03	7.72E-05	3.07E-06	0.00173	2.81E-08	0.00181
533	490013.71	3861250.05	0.03805	0.03713	0.03395	0.04353	7.15E-05	3.3E-06	0.00074	4.9E-08	0.00081	8.76E-05	3.99156E-06	0.000908	2.72E-08	1.00E-03	7.73E-05	3.07E-06	0.001729	2.81E-08	0.001809
534	490063.71	3861250.05	0.03804	0.03714	0.03391	0.04353	7.15E-05	3.3E-06	0.00074	4.9E-08	0.00081	8.76E-05	3.99263E-06	0.000907	2.72E-08	9.99E-04	7.72E-05	3.07E-06	0.001727	2.81E-08	0.001807
535	489528.13	3861308.47	0.03671	0.03548	0.03277	0.04122	6.90E-05	3.1E-06	0.00071	4.6E-08	0.00078	8.45E-05	3.81418E-06	0.000876	2.58E-08	9.65E-04	7.45E-05	2.93E-06	0.001669	2.66E-08	0.001746
536	489578.13	3861308.47	0.03677	0.03566	0.03284	0.0414	6.91E-05	3.1E-06	0.00071	4.6E-08	0.00079	8.47E-05	3.83353E-06	0.000878	2.59E-08	9.67E-04	7.47E-05	2.95E-06	0.001673	2.67E-08	0.00175
537	489628.13	3861308.47	0.03682	0.0358	0.03291	0.04157	6.92E-05	3.1E-06	0.00071	4.6E-08	0.00079	8.48E-05	3.84858E-06	0.00088	2.6E-08	9.69E-04	7.48E-05	2.96E-06	0.001676	2.69E-08	0.001754
538	489678.13	3861308.47	0.03688	0.03593	0.03299	0.04175	6.93E-05	3.2E-06	0.00072	4.7E-08	0.00079	8.49E-05	3.86256E-06	0.000882	2.61E-08	9.71E-04	7.49E-05	2.97E-06	0.00168	2.7E-08	0.001758
539	489728.13	3861308.47	0.03693	0.03603	0.03306	0.04192	6.94E-05	3.2E-06	0.00072	4.7E-08	0.00079	8.50E-05	3.87331E-06	0.000884	2.62E-08	9.73E-04	7.5E-05	2.98E-06	0.001684	2.71E-08	0.001762
540	489778.13	3861308.47	0.03696	0.03608	0.0331	0.04205	6.95E-05	3.2E-06	0.00072	4.7E-08	0.00079	8.51E-05	3.87868E-06	0.000885	2.63E-08	9.74E-04	7.5E-05	2.98E-06	0.001686	2.72E-08	0.001764
541	489678.13	3861358.47	0.03616	0.03522	0.0324	0.04085	6.80E-05	3.1E-06	0.0007	4.6E-08	0.00077	8.33E-05	3.78623E-06	0.000867	2.55E-08	9.54E-04	7.34E-05	2.91E-06	0.00165	2.64E-08	0.001727
542	489728.13	3861358.47	0.0362	0.03532	0.03246	0.04101	6.80E-05	3.1E-06	0.0007	4.6E-08	0.00078	8.34E-05	3.79698E-06	0.000868	2.56E-08	9.55E-04	7.35E-05	2.92E-06	0.001653	2.65E-08	0.00173
543	489528.13	3861408.47	0.03528	0.03399	0.03161	0.03947	6.63E-05	3E-06	0.00069	4.4E-08	0.00076	8.12E-05	3.654E-06	0.000845	2.47E-08	9.30E-04	7.16E-05	2.81E-06	0.00161	2.55E-08	0.001684
544	489578.13	3861408.47	0.03534	0.03419	0.03168	0.03963	6.64E-05	3E-06	0.00069	4.4E-08	0.00076	8.14E-05	3.6755E-06	0.000847	2.48E-08	9.32E-04	7.18E-05	2.83E-06	0.001613	2.56E-08	0.001688
545	489628.13	3861408.47	0.03546	0.03443	0.0318	0.03984	6.66E-05	3E-06	0.00069	4.5E-08	0.00076	8.17E-05	3.7013E-06	0.000851	2.49E-08	9.36E-04	7.2E-05	2.85E-06	0.00162	2.57E-08	0.001694

546	489678.13	3861408.47	0.03548	0.03454	0.03184	0.03998	6.67E-05	3E-06	0.00069	4.5E-08	0.00076	8.17E-05	3.71313E-06	0.000852	2.5E-08	9.37E-04	7.2E-05	2.86E-06	0.001622	2.58E-08	0.001697
547	489728.13	3861408.47	0.03549	0.03463	0.03188	0.04012	6.67E-05	3E-06	0.00069	4.5E-08	0.00076	8.17E-05	3.7228E-06	0.000853	2.51E-08	9.38E-04	7.21E-05	2.86E-06	0.001624	2.59E-08	0.001699
548	489528.13	3861458.47	0.03464	0.03331	0.0311	0.03867	6.51E-05	2.9E-06	0.00068	4.3E-08	0.00074	7.98E-05	3.5809E-06	0.000832	2.42E-08	9.15E-04	7.03E-05	2.75E-06	0.001584	2.5E-08	0.001657
549	489578.13	3861458.47	0.03471	0.03353	0.03117	0.03882	6.52E-05	2.9E-06	0.00068	4.3E-08	0.00075	7.99E-05	3.60455E-06	0.000834	2.43E-08	9.17E-04	7.05E-05	2.77E-06	0.001588	2.51E-08	0.001661
550	489628.13	3861458.47	0.03476	0.03371	0.03123	0.03898	6.53E-05	3E-06	0.00068	4.4E-08	0.00075	8.00E-05	3.6239E-06	0.000835	2.44E-08	9.19E-04	7.06E-05	2.79E-06	0.001591	2.52E-08	0.001664
551	489678.13	3861458.47	0.03479	0.03385	0.03128	0.03913	6.54E-05	3E-06	0.00068	4.4E-08	0.00075	8.01E-05	3.63895E-06	0.000837	2.45E-08	9.20E-04	7.06E-05	2.8E-06	0.001593	2.53E-08	0.001667
552	489728.13	3861458.47	0.03478	0.03392	0.03129	0.03924	6.54E-05	3E-06	0.00068	4.4E-08	0.00075	8.01E-05	3.64648E-06	0.000837	2.45E-08	9.21E-04	7.06E-05	2.81E-06	0.001594	2.53E-08	0.001667
553	489528.13	3861508.47	0.034	0.03263	0.03058	0.03789	6.39E-05	2.9E-06	0.00066	4.2E-08	0.00073	7.83E-05	3.5078E-06	0.000818	2.37E-08	9.00E-04	6.9E-05	2.7E-06	0.001557	2.45E-08	0.001629
554	489578.13	3861508.47	0.03405	0.03283	0.03063	0.03801	6.40E-05	2.9E-06	0.00067	4.2E-08	0.00073	7.84E-05	3.5293E-06	0.000819	2.38E-08	9.01E-04	6.91E-05	2.71E-06	0.00156	2.46E-08	0.001632
555	489628.13	3861508.47	0.03408	0.033	0.03067	0.03815	6.40E-05	2.9E-06	0.00067	4.3E-08	0.00073	7.85E-05	3.54757E-06	0.00082	2.39E-08	9.02E-04	6.92E-05	2.73E-06	0.001562	2.46E-08	0.001634
556	489678.13	3861508.47	0.0341	0.03314	0.03071	0.03828	6.41E-05	2.9E-06	0.00067	4.3E-08	0.00073	7.85E-05	3.56262E-06	0.000821	2.39E-08	9.03E-04	6.92E-05	2.74E-06	0.001564	2.47E-08	0.001636
557	489728.13	3861508.47	0.03412	0.03325	0.03074	0.03841	6.41E-05	2.9E-06	0.00067	4.3E-08	0.00073	7.86E-05	3.57445E-06	0.000822	2.4E-08	9.04E-04	6.93E-05	2.75E-06	0.001566	2.48E-08	0.001638
558	489628.13	3861558.47	0.03349	0.03237	0.03018	0.03739	6.29E-05	2.8E-06	0.00066	4.2E-08	0.00072	7.71E-05	3.47985E-06	0.000807	2.34E-08	8.88E-04	6.8E-05	2.68E-06	0.001537	2.42E-08	0.001608
559	489678.13	3861558.47	0.03355	0.03257	0.03026	0.03755	6.30E-05	2.9E-06	0.00066	4.2E-08	0.00072	7.73E-05	3.50135E-06	0.000809	2.35E-08	8.90E-04	6.81E-05	2.69E-06	0.001541	2.43E-08	0.001612
560	489728.13	3861558.47	0.03357	0.03269	0.0303	0.03768	6.31E-05	2.9E-06	0.00066	4.2E-08	0.00072	7.73E-05	3.51425E-06	0.00081	2.36E-08	8.91E-04	6.82E-05	2.7E-06	0.001543	2.43E-08	0.001614
561	489357.08	3861015.81	0.04149	0.03986	0.03648	0.04663	7.80E-05	3.5E-06	0.00079	5.2E-08	0.00087	9.55E-05	4.28504E-06	0.000976	2.92E-08	1.08E-03	8.42E-05	3.3E-06	0.001858	3.01E-08	0.001946
562	489407.08	3861015.81	0.04146	0.03997	0.03647	0.04676	7.79E-05	3.5E-06	0.00079	5.2E-08	0.00087	9.55E-05	4.29686E-06	0.000975	2.92E-08	1.08E-03	8.42E-05	3.31E-06	0.001857	3.02E-08	0.001945
563	489457.08	3861015.81	0.04148	0.0401	0.03652	0.04693	7.79E-05	3.5E-06	0.00079	5.2E-08	0.00087	9.55E-05	4.31084E-06	0.000977	2.94E-08	1.08E-03	8.42E-05	3.32E-06	0.00186	3.03E-08	0.001948
564	489357.08	3861065.81	0.04065	0.03902	0.03583	0.04558	7.64E-05	3.4E-06	0.00078	5.1E-08	0.00086	9.36E-05	4.19474E-06	0.000958	2.85E-08	1.06E-03	8.25E-05	3.23E-06	0.001825	2.94E-08	0.001911
565	489407.08	3861065.81	0.04062	0.03913	0.03582	0.0457	7.63E-05	3.4E-06	0.00078	5.1E-08	0.00086	9.35E-05	4.20656E-06	0.000958	2.86E-08	1.06E-03	8.25E-05	3.24E-06	0.001824	2.95E-08	0.00191
566	489457.08	3861065.81	0.04064	0.03928	0.03586	0.04587	7.64E-05	3.4E-06	0.00078	5.1E-08	0.00086	9.36E-05	4.22269E-06	0.000959	2.87E-08	1.06E-03	8.25E-05	3.25E-06	0.001826	2.96E-08	0.001912
567	489357.08	3861115.81	0.03981	0.03815	0.03517	0.04456	7.48E-05	3.3E-06	0.00076	5E-08	0.00084	9.17E-05	4.10121E-06	0.000941	2.79E-08	1.04E-03	8.08E-05	3.15E-06	0.001791	2.88E-08	0.001875
568	489407.08	3861115.81	0.03986	0.03836	0.03523	0.04472	7.49E-05	3.4E-06	0.00077	5E-08	0.00084	9.18E-05	4.12379E-06	0.000942	2.8E-08	1.04E-03	8.09E-05	3.17E-06	0.001794	2.89E-08	0.001878
569	489457.08	3861115.81	0.0399	0.03853	0.03528	0.04489	7.50E-05	3.4E-06	0.00077	5E-08	0.00084	9.19E-05	4.14206E-06	0.000944	2.81E-08	1.04E-03	8.1E-05	3.19E-06	0.001797	2.9E-08	0.001881
570	489407.08	3861165.81	0.03911	0.03759	0.03464	0.04376	7.35E-05	3.3E-06	0.00075	4.9E-08	0.00083	9.01E-05	4.04101E-06	0.000926	2.74E-08	1.02E-03	7.94E-05	3.11E-06	0.001764	2.83E-08	0.001847
571	489457.08	3861165.81	0.0391	0.03773	0.03465	0.04388	7.35E-05	3.3E-06	0.00075	4.9E-08	0.00083	9.00E-05	4.05606E-06	0.000927	2.74E-08	1.02E-03	7.94E-05	3.12E-06	0.001765	2.83E-08	0.001847
572	489407.08	3861215.81	0.03814	0.0366	0.03387	0.04268	7.17E-05	3.2E-06	0.00074	4.8E-08	0.00081	8.78E-05	3.93458E-06	0.000906	2.67E-08	9.98E-04	7.74E-05	3.03E-06	0.001725	2.76E-08	0.001806
573	489457.08	3861215.81	0.03816	0.03678	0.03391	0.04281	7.17E-05	3.2E-06	0.00074	4.8E-08	0.00081	8.79E-05	3.95393E-06	0.000907	2.68E-08	9.99E-04	7.75E-05	3.04E-06	0.001727	2.77E-08	0.001808
574	489407.08	3861265.81	0.0372	0.03563	0.03312	0.04163	6.99E-05	3.1E-06	0.00072	4.7E-08	0.00079	8.57E-05	3.8303E-06	0.000886	2.6E-08	9.75E-04	7.55E-05	2.95E-06	0.001687	2.69E-08	0.001765
575	489457.08	3861265.81	0.03728	0.03586	0.03319	0.04178	7.01E-05	3.1E-06	0.00072	4.7E-08	0.00079	8.58E-05	3.85503E-06	0.000888	2.61E-08	9.77E-04	7.57E-05	2.97E-06	0.00169	2.7E-08	0.001769
576	489309.86	3861110.14	0.03982	0.03801	0.03517	0.04452	7.48E-05	3.3E-06	0.00076	5E-08	0.00084	9.17E-05	4.08616E-06	0.000941	2.78E-08	1.04E-03	8.08E-05	3.14E-06	0.001791	2.88E-08	0.001875
577	489407.08	3861315.81	0.03646	0.03485	0.03253	0.04073	6.85E-05	3.1E-06	0.00071	4.6E-08	0.00078	8.40E-05	3.74645E-06	0.00087	2.55E-08	9.58E-04	7.4E-05	2.88E-06	0.001657	2.63E-08	0.001734
578	489457.08	3861315.81	0.03654	0.0351	0.03261	0.04088	6.87E-05	3.1E-06	0.00071	4.6E-08	0.00078	8.41E-05	3.77333E-06	0.000872	2.56E-08	9.60E-04	7.42E-05	2.9E-06	0.001661	2.64E-08	0.001738
579	488906.03	3861006.75	0.04152	0.03863	0.03642	0.04644	7.80E-05	3.4E-06	0.00079	5.2E-08	0.00087	9.56E-05	4.15281E-06	0.000974	2.9E-08	1.07E-03	8.43E-05	3.19E-06	0.001855	3E-08	0.001942
580	488956.03	3861006.75	0.04168	0.03884	0.03659	0.04649	7.83E-05	3.4E-06	0.00079	5.2E-08	0.00088	9.60E-05	4.17539E-06	0.000979	2.91E-08	1.08E-03	8.46E-05	3.21E-06	0.001864	3E-08	0.001951
581	488904.24	3861051.87	0.04135	0.03856	0.03635	0.04585	7.77E-05	3.4E-06	0.00079	5.1E-08	0.00087	9.52E-05	4.14529E-06	0.000972	2.87E-08	1.07E-03	8.4E-05	3.19E-06	0.001851	2.96E-08	0.001939
582	488954.24	3861051.87	0.04111	0.03832	0.03616	0.04571	7.73E-05	3.4E-06	0.00079	5.1E-08	0.00087	9.47E-05	4.11949E-06	0.000967	2.86E-08	1.07E-03	8.35E-05	3.17E-06	0.001842	2.95E-08	0.001928
583	489004.24	3861051.87	0.04133	0.03862	0.03638	0.04579	7.77E-05	3.4E-06	0.00079	5.1E-08	0.00087	9.52E-05	4.15174E-06	0.000973	2.86E-08	1.07E-03	8.39E-05	3.19E-06	0.001853	2.96E-08	0.00194
584	488804.24	3861101.87	0.04015	0.03754	0.03529	0.04477	7.55E-05	3.3E-06	0.00077	5E-08	0.00085	9.25E-05	4.03563E-06	0.000944	2.8E-08	1.04E-03	8.15E-05	3.1E-06	0.001797	2.89E-08	0.001882
585	488854.24	3861101.87	0.04027	0.03759	0.03544	0.04482	7.57E-05	3.3E-06	0.00077	5E-08	0.00085	9.27E-05	4.04101E-06	0.000948	2.8E-08	1.04E-03	8.18E-05	3.11E-06	0.001805	2.9E-08	0.00189
586	488904.24	3861101.87	0.03981	0.03709	0.03508	0.04456	7.48E-05	3.3E-06	0.00076	5E-08	0.00084	9.17E-05	3.98726E-06	0.000938	2.79E-08	1.03E-03	8.08E-05	3.07E-06	0.001787	2.88E-08	0.001871
587	488954.24	3861101.87	0.03969	0.03697	0.03501	0.04445	7.46E-05	3.2E-06	0.00076	5E-08	0.00084	9.14E-05	3.97436E-06	0.000936	2.78E-08	1.03E-03	8.06E-05	3.06E-06	0.001783	2.87E-08	0.001867
588	489004.24	3861101.87	0.03974	0.03707	0.03507	0.04444	7.47E-05	3.3E-06	0.00076	5E-08	0.00084	9.15E-05	3.98511E-06	0.000938	2.78E-08	1.03E-03	8.07E-05	3.07E-06	0.001786	2.87E-08	0.00187
589	488804.24	3861151.87	0.03872	0.03624	0.03412	0.04348	7.28E-05	3.2E-06	0.00074	4.9E-08	0.00082	8.92E-05	3.89588E-06	0.000913	2.72E-08	1.01E-03	7.86E-05	3E-06	0.001738	2.81E-08	0.001819
590	488854.24	3861151.87	0.03864	0.03607	0.0341	0.04343	7.26E-05	3.2E-06	0.00074	4.9E-08	0.00082	8.90E-05	3.87761E-06	0.000912	2.72E-08	1.00E-03	7.85E-05	2.98E-06	0.001737	2.81E-08	0.001818
591	489129.49	3861187.55	0.03819	0.03579	0.03387	0.04269	7.18E-05	3.1E-06	0.00074	4.8E-08	0.00081	8.79E-05	3.84751E-06	0.000906	2.67E-08	9.98E-04	7.75E-05	2.96E-06	0.001725	2.76E-08	0.001806
592	489179.49	3861187.55	0.03822	0.03595	0.0339	0.0427	7.18E-05	3.2E-06	0.00074	4.8E-08	0.00081	8.80E-05	3.86471E-06	0.000907	2.67E-08	9.99E-04	7.76E-05	2.97E-06	0.001727	2.76E-08	0.001807
593	488804.24	3861201.87	0.03796	0.03561	0.03352	0.0426	7.13E-05	3.1E-06	0.00073	4.8E-08	0.0008	8.74E-05	3.82815E-06	0.000897	2.66E-08	9.88E-04	7.71E-05	2.94E-06	0.001707	2.75E-08	0.001787
594	488854.24	3861201.87	0.03777	0.03532	0.0334	0.04248	7.10E-05	3.1E-06	0.00073	4.7E-08	0.0008	8.70E-05	3.79698E-06	0.000893	2.66E-08	9.84E-04	7.67E-05	2.92E-06	0.001701	2.74E-08	0.001781
595	489129.49	3861237.55	0.03751	0.03512	0.03333	0.04187	7.05E-05	3.1E-06	0.00072	4.7E-08	0.0008	8.64E-05	3.77548E-06	0.000891	2.62E-08	9.82E-04	7.62E-05	2.9E-06	0.001698	2.7E-08	0.001777
596	489179.49	3861237.55	0.03746	0.03518	0.0333	0.04182	7.04E-05	3.1E-06	0.00072	4.7E-08	0.0008	8.63E-05	3.78193E-06	0.000891	2.62E-08	9.81E-04	7.61E-05	2.91E-06	0.001696	2.7E-08	0.001775
597	488804.24	3861251.87	0.03726	0.03504	0.03297	0.04177	7.00E-05	3.1E-06	0.00072	4.7E-08	0.00079	8.58E-05	3.76688E-06	0.000882	2.61E-08	9.71E-04	7.57E-05	2.9E-06	0.001679	2.7E-08	0.001758
598	488854.24	3861251.87	0.03705	0.03471	0.03283	0.04163	6.96E-05	3E-06	0.00071	4.7E-08	0.00079	8.53E-05	3.7314E-06	0.000878	2.6E-08	9.67E-04	7.52E-05	2.87E-06	0.001672	2.69E-08	0.00175
599	488804.24	3861301.87	0.03648	0.03439	0.03235	0.04089	6.86E-05	3E-06	0.0007	4.6E-08	0.00077	8.40E-05	3.697E-06	0.000865	2.56E-08	9.53E-04	7.41E-05	2.84E-06	0.001648	2.64E-08	0.001725
600	488854.24	3861301.87	0.03635	0.03413	0.03227	0.04081	6.83E-05	3E-06	0.0007	4.6E-08	0.00077	8.37E-05	3.66905E-06	0.000863	2.55E-08	9.50E-04	7.38E-05	2.82E-06	0.001644	2.64E-08	0.00172
601	490943.5	3860181.97	0.06029	0.05883	0.0494	0.06939	1.13E-04	5.2E-06	0.00107	7.8E-08	0.00119	1.39E-04	6.32436E-06	0.001321	4.34E-08	1.47E-03	0.000122	4.87E-06	0.002516	4.48E-08	0.002643
602	490993.5	3860181.97	0.06015	0.05854	0.0491	0.06903	1.13E-04	5.1E-06	0.00107	7.7E-08	0.00118	1.39E-04	6.29318E-06	0.001313	4.32E-08	1.46E-03	0.000122	4.84E-06	0.002501	4.46E-08	0.002628
603	491043.5	3860181.97	0.06004	0.05831	0.04883	0.06875	1.13E-04	5.1E-06	0.00106	7.7E-08	0.00118	1.38E-04	6.26846E-06	0.001306	4.3E-08	1.45E-03	0.000122	4.82E-06	0.002487	4.44E-08	0.002614
604	491093.5	3860181.97	0.05988	0.05803	0.04853	0.06847	1.13E-04	5.1E-06	0.00105	7.7E-08	0.00117	1.38E-04	6.23836E-06	0.001298	4.28E-08	1.44E-03	0.000122	4.8E-06	0.002472	4.42E-08	0.002598
605	490943.5	3860231.97	0.05869	0.05765	0.04865	0.06797	1.10E-04	5.1E-06	0.00106	7.6E-08	0.00117	1.35E-04	6.1975E-06	0.001301	4.25E-08	1.44E-03	0.000119	4.77E-06	0.002478	4.39E-08	0.002602
606	490993.5	3860231.97	0.05864	0.05748	0.04844	0.06763	1.10E-04	5E-06	0.00105	7.6E-08	0.00117	1.35E-04	6.17923E-06	0.001296	4.23E-08	1.44E-03	0.000119	4.75E-06	0.002467	4.37E-08	0.002591

607	491043.5	3860231.97	0.05839	0.05711	0.04807	0.06722	1.10E-04	5E-06	0.00104	7.5E-08	0.00116	1.34E-04	6.13945E-06	0.001286	4.2E-08	1.43E-03	0.000119	4.72E-06	0.002448	4.34E-08	0.002572
608	491093.5	3860231.97	0.05818	0.05677	0.04773	0.06687	1.09E-04	5E-06	0.00104	7.5E-08	0.00115	1.34E-04	6.1029E-06	0.001277	4.18E-08	1.42E-03	0.000118	4.69E-06	0.002431	4.32E-08	0.002554
609	490943.5	3860281.97	0.05725	0.05656	0.04796	0.06668	1.08E-04	5E-06	0.00104	7.5E-08	0.00115	1.32E-04	6.08033E-06	0.001283	4.17E-08	1.42E-03	0.000116	4.68E-06	0.002443	4.31E-08	0.002564
610	490993.5	3860281.97	0.05712	0.05633	0.0477	0.06628	1.07E-04	4.9E-06	0.00104	7.4E-08	0.00115	1.32E-04	6.0556E-06	0.001276	4.15E-08	1.41E-03	0.000116	4.66E-06	0.002429	4.28E-08	0.00255
611	491043.5	3860281.97	0.05689	0.05599	0.04736	0.06584	1.07E-04	4.9E-06	0.00103	7.4E-08	0.00114	1.31E-04	6.01905E-06	0.001267	4.12E-08	1.40E-03	0.000116	4.63E-06	0.002412	4.25E-08	0.002532
612	491093.5	3860281.97	0.05667	0.05566	0.04702	0.06546	1.06E-04	4.9E-06	0.00102	7.3E-08	0.00113	1.31E-04	5.98357E-06	0.001258	4.09E-08	1.39E-03	0.000115	4.6E-06	0.002395	4.23E-08	0.002514
613	490943.5	3860331.97	0.05593	0.05553	0.04729	0.06551	1.05E-04	4.9E-06	0.00103	7.3E-08	0.00114	1.29E-04	5.9696E-06	0.001265	4.1E-08	1.40E-03	0.000114	4.59E-06	0.002409	4.23E-08	0.002527
614	490993.5	3860331.97	0.05564	0.05515	0.04692	0.06499	1.05E-04	4.8E-06	0.00102	7.3E-08	0.00113	1.28E-04	5.92875E-06	0.001255	4.06E-08	1.39E-03	0.000113	4.56E-06	0.00239	4.2E-08	0.002507
615	491043.5	3860331.97	0.05539	0.05481	0.04658	0.06452	1.04E-04	4.8E-06	0.00101	7.2E-08	0.00112	1.28E-04	5.8922E-06	0.001246	4.04E-08	1.38E-03	0.000112	4.53E-06	0.002372	4.17E-08	0.002489
616	491093.5	3860331.97	0.05517	0.0545	0.04626	0.0641	1.04E-04	4.8E-06	0.001	7.2E-08	0.00111	1.27E-04	5.85887E-06	0.001237	4.01E-08	1.37E-03	0.000112	4.51E-06	0.002356	4.14E-08	0.002473
617	490086.72	3859935.12	0.0753	0.07252	0.06026	0.08738	1.42E-04	6.4E-06	0.00131	9.8E-08	0.00146	1.73E-04	7.79606E-06	0.001612	5.47E-08	1.79E-03	0.000153	6E-06	0.003069	5.64E-08	0.003228
618	490136.72	3859935.12	0.07477	0.07214	0.05994	0.08689	1.41E-04	6.3E-06	0.0013	9.7E-08	0.00145	1.72E-04	7.75521E-06	0.001603	5.43E-08	1.78E-03	0.000152	5.97E-06	0.003053	5.61E-08	0.003211
619	490186.72	3859935.12	0.07424	0.07174	0.0596	0.08629	1.40E-04	6.3E-06	0.00129	9.6E-08	0.00144	1.71E-04	7.71221E-06	0.001594	5.4E-08	1.77E-03	0.000151	5.93E-06	0.003035	5.57E-08	0.003192
620	490236.72	3859935.12	0.07374	0.0713	0.05921	0.08561	1.39E-04	6.3E-06	0.00129	9.6E-08	0.00143	1.70E-04	7.66491E-06	0.001584	5.35E-08	1.76E-03	0.00015	5.9E-06	0.003016	5.53E-08	0.003171
621	490286.72	3859935.12	0.07323	0.07079	0.05877	0.08487	1.38E-04	6.2E-06	0.00128	9.5E-08	0.00142	1.69E-04	7.61008E-06	0.001572	5.31E-08	1.75E-03	0.000149	5.85E-06	0.002993	5.48E-08	0.003148
622	490336.72	3859935.12	0.07276	0.07026	0.0583	0.08411	1.37E-04	6.2E-06	0.00127	9.4E-08	0.00141	1.68E-04	7.55311E-06	0.001559	5.26E-08	1.73E-03	0.000148	5.81E-06	0.002969	5.43E-08	0.003123
623	490386.72	3859935.12	0.0724	0.06979	0.05787	0.08337	1.36E-04	6.1E-06	0.00126	9.3E-08	0.0014	1.67E-04	7.50258E-06	0.001548	5.21E-08	1.72E-03	0.000147	5.77E-06	0.002947	5.39E-08	0.0031
624	490436.72	3859935.12	0.07206	0.0693	0.05741	0.08264	1.35E-04	6.1E-06	0.00125	9.2E-08	0.00139	1.66E-04	7.44991E-06	0.001535	5.17E-08	1.71E-03	0.000146	5.73E-06	0.002924	5.34E-08	0.003076
625	490486.72	3859935.12	0.07181	0.06887	0.05699	0.08198	1.35E-04	6E-06	0.00124	9.2E-08	0.00138	1.65E-04	7.40368E-06	0.001524	5.13E-08	1.70E-03	0.000146	5.7E-06	0.002903	5.3E-08	0.003054
626	490536.72	3859935.12	0.07181	0.0687	0.05674	0.08146	1.35E-04	6E-06	0.00123	9.1E-08	0.00137	1.65E-04	7.3854E-06	0.001518	5.09E-08	1.69E-03	0.000146	5.68E-06	0.00289	5.26E-08	0.003041
627	490586.72	3859935.12	0.0719	0.06861	0.05656	0.08101	1.35E-04	6E-06	0.00123	9.1E-08	0.00137	1.66E-04	7.37573E-06	0.001513	5.07E-08	1.69E-03	0.000146	5.67E-06	0.002881	5.23E-08	0.003032
628	490636.72	3859935.12	0.07186	0.06838	0.05627	0.08058	1.35E-04	6E-06	0.00122	9E-08	0.00136	1.65E-04	7.351E-06	0.001505	5.04E-08	1.68E-03	0.000146	5.65E-06	0.002866	5.21E-08	0.003017
629	490686.72	3859935.12	0.0721	0.06849	0.05621	0.08029	1.35E-04	6E-06	0.00122	9E-08	0.00136	1.66E-04	7.36283E-06	0.001503	5.02E-08	1.68E-03	0.000146	5.66E-06	0.002863	5.19E-08	0.003015
630	490736.72	3859935.12	0.0722	0.06846	0.05606	0.08003	1.36E-04	6E-06	0.00122	8.9E-08	0.00136	1.66E-04	7.3596E-06	0.001499	5.01E-08	1.67E-03	0.000147	5.66E-06	0.002855	5.17E-08	0.003007
631	490086.72	3859985.12	0.07335	0.07083	0.05909	0.08519	1.38E-04	6.2E-06	0.00128	9.5E-08	0.00143	1.69E-04	7.61438E-06	0.00158	5.33E-08	1.76E-03	0.000149	5.86E-06	0.003009	5.5E-08	0.003164
632	490136.72	3859985.12	0.07284	0.0705	0.05882	0.08484	1.37E-04	6.2E-06	0.00128	9.5E-08	0.00142	1.68E-04	7.57891E-06	0.001573	5.31E-08	1.75E-03	0.000148	5.83E-06	0.002996	5.48E-08	0.00315
633	490186.72	3859985.12	0.07238	0.0702	0.05856	0.08439	1.36E-04	6.2E-06	0.00127	9.4E-08	0.00141	1.67E-04	7.54666E-06	0.001566	5.28E-08	1.74E-03	0.000147	5.81E-06	0.002982	5.45E-08	0.003135
634	490236.72	3859985.12	0.07195	0.0699	0.05829	0.08385	1.35E-04	6.1E-06	0.00127	9.4E-08	0.00141	1.66E-04	7.51441E-06	0.001559	5.24E-08	1.73E-03	0.000146	5.78E-06	0.002969	5.42E-08	0.003121
635	490286.72	3859985.12	0.07143	0.06944	0.0579	0.0832	1.34E-04	6.1E-06	0.00126	9.3E-08	0.0014	1.64E-04	7.46496E-06	0.001549	5.2E-08	1.72E-03	0.000145	5.74E-06	0.002949	5.37E-08	0.0031
636	490336.72	3859985.12	0.07093	0.06895	0.05746	0.08249	1.33E-04	6E-06	0.00125	9.2E-08	0.00139	1.63E-04	7.41228E-06	0.001537	5.16E-08	1.71E-03	0.000144	5.7E-06	0.002926	5.33E-08	0.003076
637	490386.72	3859985.12	0.07039	0.06835	0.05695	0.08173	1.32E-04	6E-06	0.00124	9.1E-08	0.00138	1.62E-04	7.34778E-06	0.001523	5.11E-08	1.69E-03	0.000143	5.65E-06	0.0029	5.28E-08	0.003049
638	490436.72	3859985.12	0.06997	0.06785	0.05649	0.08099	1.31E-04	6E-06	0.00123	9E-08	0.00136	1.61E-04	7.29403E-06	0.001511	5.07E-08	1.68E-03	0.000142	5.61E-06	0.002877	5.23E-08	0.003025
639	490486.72	3859985.12	0.06965	0.0674	0.05607	0.0803	1.31E-04	5.9E-06	0.00122	9E-08	0.00135	1.60E-04	7.24565E-06	0.0015	5.02E-08	1.67E-03	0.000141	5.57E-06	0.002856	5.19E-08	0.003003
640	490536.72	3859985.12	0.06947	0.06708	0.05573	0.07968	1.31E-04	5.9E-06	0.00121	8.9E-08	0.00135	1.60E-04	7.21125E-06	0.001491	4.98E-08	1.66E-03	0.000141	5.55E-06	0.002838	5.15E-08	0.002985
641	490586.72	3859985.12	0.06941	0.06686	0.05546	0.07915	1.30E-04	5.9E-06	0.0012	8.8E-08	0.00134	1.60E-04	7.1876E-06	0.001483	4.95E-08	1.65E-03	0.000141	5.53E-06	0.002825	5.11E-08	0.002971
642	490636.72	3859985.12	0.06944	0.06674	0.05526	0.07869	1.30E-04	5.9E-06	0.0012	8.8E-08	0.00134	1.60E-04	7.1747E-06	0.001478	4.92E-08	1.65E-03	0.000141	5.52E-06	0.002814	5.08E-08	0.002961
643	490686.72	3859985.12	0.06965	0.06682	0.0552	0.07833	1.31E-04	5.9E-06	0.0012	8.8E-08	0.00134	1.60E-04	7.1833E-06	0.001476	4.9E-08	1.64E-03	0.000141	5.53E-06	0.002811	5.06E-08	0.002958
644	490736.72	3859985.12	0.06959	0.06658	0.0549	0.07796	1.31E-04	5.8E-06	0.00119	8.7E-08	0.00133	1.60E-04	7.1575E-06	0.001468	4.88E-08	1.64E-03	0.000141	5.51E-06	0.002796	5.04E-08	0.002943
645	490786.72	3859985.12	0.06955	0.06636	0.05462	0.07766	1.31E-04	5.8E-06	0.00119	8.7E-08	0.00132	1.60E-04	7.13385E-06	0.001461	4.86E-08	1.63E-03	0.000141	5.49E-06	0.002782	5.02E-08	0.002929
646	490086.72	3860035.12	0.07144	0.06913	0.0579	0.08294	1.34E-04	6.1E-06	0.00126	9.3E-08	0.0014	1.65E-04	7.43163E-06	0.001549	5.19E-08	1.72E-03	0.000145	5.72E-06	0.002949	5.36E-08	0.0031
647	490136.72	3860035.12	0.07102	0.06889	0.0577	0.08275	1.33E-04	6E-06	0.00125	9.2E-08	0.00139	1.64E-04	7.40583E-06	0.001543	5.18E-08	1.71E-03	0.000144	5.7E-06	0.002939	5.35E-08	0.003089
648	490186.72	3860035.12	0.07058	0.06862	0.05747	0.08244	1.33E-04	6E-06	0.00125	9.2E-08	0.00139	1.63E-04	7.3768E-06	0.001537	5.16E-08	1.71E-03	0.000143	5.67E-06	0.002927	5.33E-08	0.003076
649	490236.72	3860035.12	0.07012	0.06831	0.05721	0.08201	1.32E-04	6E-06	0.00124	9.2E-08	0.00138	1.61E-04	7.34348E-06	0.00153	5.13E-08	1.70E-03	0.000142	5.65E-06	0.002914	5.3E-08	0.003062
650	490286.72	3860035.12	0.06961	0.06791	0.05686	0.08147	1.31E-04	6E-06	0.00123	9.1E-08	0.00137	1.60E-04	7.30048E-06	0.001521	5.1E-08	1.69E-03	0.000141	5.62E-06	0.002896	5.26E-08	0.003043
651	490336.72	3860035.12	0.06919	0.06757	0.05656	0.08088	1.30E-04	5.9E-06	0.00123	9E-08	0.00136	1.59E-04	7.26393E-06	0.001513	5.06E-08	1.68E-03	0.00014	5.59E-06	0.002881	5.22E-08	0.003027
652	490386.72	3860035.12	0.06863	0.06701	0.05609	0.08017	1.29E-04	5.9E-06	0.00122	9E-08	0.00135	1.58E-04	7.20373E-06	0.0015	5.01E-08	1.67E-03	0.000139	5.54E-06	0.002857	5.18E-08	0.003002
653	490436.72	3860035.12	0.06815	0.0665	0.05564	0.07945	1.28E-04	5.8E-06	0.00121	8.9E-08	0.00134	1.57E-04	7.1489E-06	0.001488	4.97E-08	1.65E-03	0.000138	5.5E-06	0.002834	5.13E-08	0.002978
654	490486.72	3860035.12	0.06775	0.06603	0.05521	0.07874	1.27E-04	5.8E-06	0.0012	8.8E-08	0.00133	1.56E-04	7.09837E-06	0.001477	4.92E-08	1.64E-03	0.000138	5.46E-06	0.002812	5.09E-08	0.002955
655	490536.72	3860035.12	0.06747	0.06567	0.05485	0.07809	1.27E-04	5.8E-06	0.00119	8.7E-08	0.00132	1.55E-04	7.05967E-06	0.001467	4.88E-08	1.63E-03	0.000137	5.43E-06	0.002794	5.04E-08	0.002936
656	490586.72	3860035.12	0.06724	0.06532	0.05449	0.07747	1.26E-04	5.7E-06	0.00118	8.7E-08	0.00132	1.55E-04	7.02205E-06	0.001457	4.85E-08	1.62E-03	0.000137	5.4E-06	0.002775	5E-08	0.002917
657	490636.72	3860035.12	0.06698	0.06489	0.05408	0.07687	1.26E-04	5.7E-06	0.00117	8.6E-08	0.00131	1.54E-04	6.97582E-06	0.001446	4.81E-08	1.61E-03	0.000136	5.37E-06	0.002754	4.97E-08	0.002896
658	490686.72	3860035.12	0.06696	0.06472	0.05384	0.07642	1.26E-04	5.7E-06	0.00117	8.5E-08	0.0013	1.54E-04	6.95755E-06	0.00144	4.78E-08	1.60E-03	0.000136	5.35E-06	0.002742	4.94E-08	0.002883
659	490736.72	3860035.12	0.06718	0.06483	0.0538	0.07608	1.26E-04	5.7E-06	0.00117	8.5E-08	0.0013	1.55E-04	6.96937E-06	0.001439	4.76E-08	1.60E-03	0.000136	5.36E-06	0.00274	4.91E-08	0.002882
660	490786.72	3860035.12	0.0671	0.06457	0.0535	0.0757	1.26E-04	5.7E-06	0.00116	8.5E-08	0.00129	1.55E-04	6.94142E-06	0.001431	4.73E-08	1.59E-03	0.000136	5.34E-06	0.002725	4.89E-08	0.002866
661	490836.72	3860035.12	0.06701	0.06432	0.05321	0.07539	1.26E-04	5.6E-06	0.00116	8.4E-08	0.00129	1.54E-04	6.91454E-06	0.001423	4.72E-08	1.58E-03	0.000136	5.32E-06	0.00271	4.87E-08	0.002851
662	490086.72	3860085.12	0.06981	0.06772	0.05691	0.08071	1.31E-04	5.9E-06	0.00124	9E-08	0.00137	1.61E-04	7.28005E-06	0.001522	5.05E-08	1.69E-03	0.000142	5.6E-06	0.002898	5.21E-08	0.003046
663	490136.72	3860085.12	0.06922	0.06726	0.05655	0.08059	1.30E-04	5.9E-06	0.00123	9E-08	0.00136	1.59E-04	7.2306E-06	0.001512	5.04E-08	1.68E-03	0.000141	5.56E-06	0.00288	5.21E-08	0.003026
664	490186.72	3860085.12	0.06893	0.06716	0.05645	0.08045	1.30E-04	5.9E-06	0.00123	9E-08	0.00136	1.59E-04	7.21985E-06	0.00151	5.03E-08	1.68E-03	0.00014	5.55E-06	0.002875	5.2E-08	0.003021
665	490236.72	3860085.12	0.06848	0.06687	0.05621	0.08016	1.29E-04	5.9E-06	0.00122	9E-08	0.00136	1.58E-04	7.18867E-06	0.001503	5.01E-08	1.67E-03	0.000139	5.53E-06	0.002863	5.18E-08	0.003007
666	490286.72	3860085.12	0.06801	0.06653	0.05592	0.07975	1.28E-04	5.8E-06	0.00121	8.9E-08	0.00135	1.57E-04	7.15212E-06	0.001496	4.99E-08	1.66E-03	0.000138	5.5E-06	0.002848	5.15E-08	0.002992
667	490336.72	3860085.12	0.06749	0.06611	0.05557	0.07922	1.27E-04	5.8E-06	0.00121	8.9E-08	0.00134	1.55E-04	7.10697E-06	0.001486	4.95E-08	1.65E-03	0.000137	5.47E-06	0.00283	5.12E-08	0.002973

668	490386.72	3860085.12	0.06699	0.06567	0.05519	0.07862	1.26E-04	5.8E-06	0.0012	8.8E-08	0.00133	1.54E-04	7.05967E-06	0.001476	4.92E-08	1.64E-03	0.000136	5.43E-06	0.002811	5.08E-08	0.002952
669	490436.72	3860085.12	0.0665	0.0652	0.05478	0.07796	1.25E-04	5.7E-06	0.00119	8.7E-08	0.00132	1.53E-04	7.00915E-06	0.001465	4.88E-08	1.63E-03	0.000135	5.39E-06	0.00279	5.04E-08	0.00293
670	490486.72	3860085.12	0.06602	0.0647	0.05434	0.07726	1.24E-04	5.7E-06	0.00118	8.6E-08	0.00131	1.52E-04	6.95539E-06	0.001453	4.83E-08	1.61E-03	0.000134	5.35E-06	0.002768	4.99E-08	0.002907
671	490536.72	3860085.12	0.06567	0.06431	0.05397	0.0766	1.23E-04	5.6E-06	0.00117	8.6E-08	0.0013	1.51E-04	6.91347E-06	0.001443	4.79E-08	1.60E-03	0.000133	5.32E-06	0.002749	4.95E-08	0.002887
672	490586.72	3860085.12	0.06537	0.06393	0.05361	0.07596	1.23E-04	5.6E-06	0.00116	8.5E-08	0.00129	1.51E-04	6.87262E-06	0.001434	4.75E-08	1.59E-03	0.000133	5.29E-06	0.00273	4.91E-08	0.002868
673	490636.72	3860085.12	0.06506	0.06351	0.0532	0.07533	1.22E-04	5.6E-06	0.00116	8.4E-08	0.00128	1.50E-04	6.82747E-06	0.001423	4.71E-08	1.58E-03	0.000132	5.25E-06	0.00271	4.87E-08	0.002847
674	490686.72	3860085.12	0.0649	0.06323	0.0529	0.07479	1.22E-04	5.5E-06	0.00115	8.4E-08	0.00128	1.49E-04	6.79737E-06	0.001415	4.68E-08	1.57E-03	0.000132	5.23E-06	0.002694	4.83E-08	0.002831
675	490736.72	3860085.12	0.06485	0.06305	0.05266	0.07433	1.22E-04	5.5E-06	0.00114	8.3E-08	0.00127	1.49E-04	6.77802E-06	0.001408	4.65E-08	1.56E-03	0.000132	5.21E-06	0.002682	4.8E-08	0.002819
676	490786.72	3860085.12	0.06484	0.0629	0.05244	0.07393	1.22E-04	5.5E-06	0.00114	8.3E-08	0.00127	1.49E-04	6.76189E-06	0.001403	4.62E-08	1.56E-03	0.000132	5.2E-06	0.002671	4.78E-08	0.002808
677	490836.72	3860085.12	0.06471	0.0626	0.05212	0.07353	1.22E-04	5.5E-06	0.00113	8.2E-08	0.00126	1.49E-04	6.72964E-06	0.001394	4.6E-08	1.55E-03	0.000131	5.18E-06	0.002655	4.75E-08	0.002791
678	490086.72	3860135.12	0.06756	0.06554	0.05534	0.07826	1.27E-04	5.7E-06	0.0012	8.7E-08	0.00133	1.56E-04	7.0457E-06	0.00148	4.89E-08	1.64E-03	0.000137	5.42E-06	0.002818	5.06E-08	0.002961
679	490136.72	3860135.12	0.06739	0.06555	0.05533	0.07836	1.27E-04	5.8E-06	0.0012	8.8E-08	0.00133	1.55E-04	7.04677E-06	0.00148	4.9E-08	1.64E-03	0.000137	5.42E-06	0.002818	5.06E-08	0.00296
680	490186.72	3860135.12	0.06716	0.06551	0.05528	0.07836	1.26E-04	5.7E-06	0.0012	8.8E-08	0.00133	1.55E-04	7.04247E-06	0.001479	4.9E-08	1.64E-03	0.000136	5.42E-06	0.002815	5.06E-08	0.002957
681	490236.72	3860135.12	0.06678	0.06529	0.05509	0.0782	1.25E-04	5.7E-06	0.0012	8.7E-08	0.00133	1.54E-04	7.01882E-06	0.001473	4.89E-08	1.63E-03	0.000136	5.4E-06	0.002806	5.05E-08	0.002947
682	490286.72	3860135.12	0.06639	0.06505	0.05488	0.07794	1.25E-04	5.7E-06	0.00119	8.7E-08	0.00132	1.53E-04	6.99302E-06	0.001468	4.87E-08	1.63E-03	0.000135	5.38E-06	0.002795	5.03E-08	0.002935
683	490336.72	3860135.12	0.06595	0.06474	0.05462	0.07756	1.24E-04	5.7E-06	0.00119	8.7E-08	0.00132	1.52E-04	6.9597E-06	0.001461	4.85E-08	1.62E-03	0.000134	5.35E-06	0.002782	5.01E-08	0.002921
684	490386.72	3860135.12	0.06546	0.06435	0.05429	0.07706	1.23E-04	5.6E-06	0.00118	8.6E-08	0.00131	1.51E-04	6.91777E-06	0.001452	4.82E-08	1.61E-03	0.000133	5.32E-06	0.002765	4.98E-08	0.002903
685	490436.72	3860135.12	0.06494	0.06389	0.05389	0.07647	1.22E-04	5.6E-06	0.00117	8.5E-08	0.0013	1.50E-04	6.86832E-06	0.001441	4.78E-08	1.60E-03	0.000132	5.28E-06	0.002745	4.94E-08	0.002882
686	490486.72	3860135.12	0.06447	0.06345	0.05351	0.07584	1.21E-04	5.6E-06	0.00116	8.5E-08	0.00129	1.48E-04	6.82102E-06	0.001431	4.74E-08	1.59E-03	0.000131	5.25E-06	0.002725	4.9E-08	0.002861
687	490536.72	3860135.12	0.0641	0.06308	0.05317	0.07522	1.20E-04	5.5E-06	0.00115	8.4E-08	0.00128	1.48E-04	6.78124E-06	0.001422	4.7E-08	1.58E-03	0.00013	5.22E-06	0.002708	4.86E-08	0.002843
688	490586.72	3860135.12	0.06372	0.06267	0.05278	0.07456	1.20E-04	5.5E-06	0.00115	8.3E-08	0.00127	1.47E-04	6.73717E-06	0.001412	4.66E-08	1.57E-03	0.000129	5.18E-06	0.002688	4.82E-08	0.002823
689	490636.72	3860135.12	0.06337	0.06225	0.05239	0.07392	1.19E-04	5.5E-06	0.00114	8.3E-08	0.00126	1.46E-04	6.69201E-06	0.001401	4.62E-08	1.55E-03	0.000129	5.15E-06	0.002668	4.77E-08	0.002802
690	490686.72	3860135.12	0.06306	0.06185	0.052	0.0733	1.19E-04	5.4E-06	0.00113	8.2E-08	0.00125	1.45E-04	6.64901E-06	0.001391	4.58E-08	1.54E-03	0.000128	5.11E-06	0.002648	4.73E-08	0.002782
691	490736.72	3860135.12	0.06285	0.06152	0.05167	0.07275	1.18E-04	5.4E-06	0.00112	8.1E-08	0.00125	1.45E-04	6.61354E-06	0.001382	4.55E-08	1.53E-03	0.000128	5.09E-06	0.002632	4.7E-08	0.002764
692	490786.72	3860135.12	0.06278	0.06133	0.05143	0.0723	1.18E-04	5.4E-06	0.00112	8.1E-08	0.00124	1.45E-04	6.59311E-06	0.001376	4.52E-08	1.53E-03	0.000127	5.07E-06	0.002619	4.67E-08	0.002752
693	490836.72	3860135.12	0.06259	0.061	0.05109	0.07183	1.18E-04	5.4E-06	0.00111	8E-08	0.00123	1.44E-04	6.55764E-06	0.001366	4.49E-08	1.52E-03	0.000127	5.04E-06	0.002602	4.64E-08	0.002734
694	490086.72	3860185.12	0.06561	0.0637	0.054	0.07589	1.23E-04	5.6E-06	0.00117	8.5E-08	0.0013	1.51E-04	6.84789E-06	0.001444	4.75E-08	1.60E-03	0.000133	5.27E-06	0.00275	4.9E-08	0.002889
695	490136.72	3860185.12	0.06558	0.06385	0.0541	0.07612	1.23E-04	5.6E-06	0.00117	8.5E-08	0.0013	1.51E-04	6.86402E-06	0.001447	4.76E-08	1.60E-03	0.000133	5.28E-06	0.002755	4.92E-08	0.002894
696	490186.72	3860185.12	0.06543	0.06388	0.0541	0.07623	1.23E-04	5.6E-06	0.00117	8.5E-08	0.0013	1.51E-04	6.86724E-06	0.001447	4.77E-08	1.60E-03	0.000133	5.28E-06	0.002755	4.92E-08	0.002894
697	490236.72	3860185.12	0.06513	0.06374	0.05398	0.0762	1.22E-04	5.6E-06	0.00117	8.5E-08	0.0013	1.50E-04	6.85219E-06	0.001444	4.77E-08	1.60E-03	0.000132	5.27E-06	0.002749	4.92E-08	0.002887
698	490286.72	3860185.12	0.06479	0.06355	0.05382	0.07606	1.22E-04	5.6E-06	0.00117	8.5E-08	0.0013	1.49E-04	6.83177E-06	0.001439	4.76E-08	1.60E-03	0.000132	5.26E-06	0.002741	4.91E-08	0.002878
699	490336.72	3860185.12	0.06439	0.06329	0.0536	0.07581	1.21E-04	5.6E-06	0.00116	8.5E-08	0.00129	1.48E-04	6.80382E-06	0.001434	4.74E-08	1.59E-03	0.000131	5.23E-06	0.00273	4.9E-08	0.002866
700	490386.72	3860185.12	0.06396	0.06298	0.05334	0.07544	1.20E-04	5.5E-06	0.00116	8.4E-08	0.00128	1.47E-04	6.77049E-06	0.001427	4.72E-08	1.58E-03	0.00013	5.21E-06	0.002717	4.87E-08	0.002852
701	490436.72	3860185.12	0.06351	0.06263	0.05303	0.07498	1.19E-04	5.5E-06	0.00115	8.4E-08	0.00128	1.46E-04	6.73287E-06	0.001418	4.69E-08	1.57E-03	0.000129	5.18E-06	0.002701	4.84E-08	0.002835
702	490486.72	3860185.12	0.06304	0.06222	0.05268	0.07443	1.18E-04	5.5E-06	0.00114	8.3E-08	0.00127	1.45E-04	6.68879E-06	0.001409	4.66E-08	1.56E-03	0.000128	5.15E-06	0.002683	4.81E-08	0.002816
703	490536.72	3860185.12	0.06263	0.06184	0.05234	0.07385	1.18E-04	5.4E-06	0.00114	8.3E-08	0.00126	1.44E-04	6.64794E-06	0.0014	4.62E-08	1.55E-03	0.000127	5.11E-06	0.002666	4.77E-08	0.002798
704	490586.72	3860185.12	0.06228	0.06151	0.05202	0.07325	1.17E-04	5.4E-06	0.00113	8.2E-08	0.00125	1.43E-04	6.61246E-06	0.001391	4.58E-08	1.54E-03	0.000126	5.09E-06	0.002649	4.73E-08	0.002781
705	490636.72	3860185.12	0.06185	0.06105	0.05161	0.0726	1.16E-04	5.4E-06	0.00112	8.1E-08	0.00124	1.42E-04	6.56301E-06	0.00138	4.54E-08	1.53E-03	0.000126	5.05E-06	0.002629	4.69E-08	0.002759
706	490686.72	3860185.12	0.06154	0.06068	0.05126	0.07199	1.16E-04	5.3E-06	0.00111	8E-08	0.00123	1.42E-04	6.52324E-06	0.001371	4.5E-08	1.52E-03	0.000125	5.02E-06	0.002611	4.65E-08	0.002741
707	490736.72	3860185.12	0.06117	0.06023	0.05084	0.07136	1.15E-04	5.3E-06	0.0011	8E-08	0.00122	1.41E-04	6.47486E-06	0.00136	4.46E-08	1.51E-03	0.000124	4.98E-06	0.002589	4.61E-08	0.002719
708	490786.72	3860185.12	0.06095	0.05991	0.05051	0.07081	1.15E-04	5.3E-06	0.0011	7.9E-08	0.00122	1.40E-04	6.44046E-06	0.001351	4.43E-08	1.50E-03	0.000124	4.95E-06	0.002573	4.57E-08	0.002701
709	490836.72	3860185.12	0.06075	0.05961	0.05019	0.07032	1.14E-04	5.2E-06	0.00109	7.9E-08	0.00121	1.40E-04	6.40821E-06	0.001342	4.4E-08	1.49E-03	0.000123	4.93E-06	0.002556	4.54E-08	0.002685
710	490086.72	3860235.12	0.06379	0.062	0.05274	0.07359	1.20E-04	5.4E-06	0.00115	8.2E-08	0.00127	1.47E-04	6.66514E-06	0.001411	4.6E-08	1.56E-03	0.00013	5.13E-06	0.002686	4.75E-08	0.002821
711	490136.72	3860235.12	0.06377	0.06213	0.05283	0.07385	1.20E-04	5.5E-06	0.00115	8.3E-08	0.00127	1.47E-04	6.67911E-06	0.001413	4.62E-08	1.57E-03	0.000129	5.14E-06	0.002691	4.77E-08	0.002825
712	490186.72	3860235.12	0.06369	0.06222	0.05289	0.07406	1.20E-04	5.5E-06	0.00115	8.3E-08	0.00127	1.47E-04	6.68879E-06	0.001415	4.63E-08	1.57E-03	0.000129	5.15E-06	0.002694	4.78E-08	0.002828
713	490236.72	3860235.12	0.0635	0.06218	0.05285	0.07415	1.19E-04	5.5E-06	0.00115	8.3E-08	0.00127	1.46E-04	6.68449E-06	0.001414	4.64E-08	1.57E-03	0.000129	5.14E-06	0.002692	4.79E-08	0.002826
714	490286.72	3860235.12	0.06323	0.06206	0.05274	0.07414	1.19E-04	5.4E-06	0.00115	8.3E-08	0.00127	1.46E-04	6.67159E-06	0.001411	4.64E-08	1.56E-03	0.000128	5.13E-06	0.002686	4.79E-08	0.00282
715	490336.72	3860235.12	0.06291	0.06189	0.05259	0.07402	1.18E-04	5.4E-06	0.00114	8.3E-08	0.00127	1.45E-04	6.65331E-06	0.001407	4.63E-08	1.56E-03	0.000128	5.12E-06	0.002678	4.78E-08	0.002811
716	490386.72	3860235.12	0.06254	0.06166	0.05239	0.07378	1.18E-04	5.4E-06	0.00114	8.2E-08	0.00126	1.44E-04	6.62859E-06	0.001401	4.61E-08	1.55E-03	0.000127	5.1E-06	0.002668	4.77E-08	0.0028
717	490436.72	3860235.12	0.06215	0.06138	0.05216	0.07345	1.17E-04	5.4E-06	0.00113	8.2E-08	0.00125	1.43E-04	6.59849E-06	0.001395	4.59E-08	1.54E-03	0.000126	5.08E-06	0.002657	4.74E-08	0.002788
718	490486.72	3860235.12	0.06171	0.06103	0.05185	0.07301	1.16E-04	5.4E-06	0.00113	8.2E-08	0.00125	1.42E-04	6.56086E-06	0.001387	4.57E-08	1.54E-03	0.000125	5.05E-06	0.002641	4.72E-08	0.002771
719	490536.72	3860235.12	0.06129	0.06068	0.05155	0.0725	1.15E-04	5.3E-06	0.00112	8.1E-08	0.00124	1.41E-04	6.52324E-06	0.001379	4.53E-08	1.53E-03	0.000124	5.02E-06	0.002625	4.68E-08	0.002755
720	490586.72	3860235.12	0.0609	0.06033	0.05123	0.07195	1.14E-04	5.3E-06	0.00111	8E-08	0.00123	1.40E-04	6.48561E-06	0.00137	4.5E-08	1.52E-03	0.000124	4.99E-06	0.002609	4.65E-08	0.002738
721	490636.72	3860235.12	0.06051	0.05995	0.05088	0.07135	1.14E-04	5.3E-06	0.0011	8E-08	0.00122	1.39E-04	6.44476E-06	0.001361	4.46E-08	1.51E-03	0.000123	4.96E-06	0.002591	4.61E-08	0.002719
722	490686.72	3860235.12	0.06014	0.05956	0.05052	0.07075	1.13E-04	5.2E-06	0.0011	7.9E-08	0.00122	1.38E-04	6.40283E-06	0.001351	4.42E-08	1.50E-03	0.000122	4.93E-06	0.002573	4.57E-08	0.0027
723	490736.72	3860235.12	0.05978	0.05915	0.05014	0.07013	1.12E-04	5.2E-06	0.00109	7.8E-08	0.00121	1.38E-04	6.35876E-06	0.001341	4.39E-08	1.49E-03	0.000121	4.89E-06	0.002554	4.53E-08	0.00268
724	490786.72	3860235.12	0.05944	0.05874	0.04975	0.06952	1.12E-04	5.2E-06	0.00108	7.8E-08	0.0012	1.37E-04	6.31468E-06	0.001331	4.35E-08	1.47E-03	0.000121	4.86E-06	0.002534	4.49E-08	0.002659
725	490086.72	3860285.12	0.06197	0.06028	0.05145	0.07132	1.16E-04	5.3E-06	0.00112	8E-08	0.00124	1.43E-04	6.48024E-06	0.001376	4.46E-08	1.53E-03	0.000126	4.99E-06	0.00262	4.61E-08	0.002751
726	490136.72	3860285.12	0.06201	0.06047	0.05159	0.07163	1.17E-04	5.3E-06	0.00112	8E-08	0.00124	1.43E-04	6.50066E-06	0.00138	4.48E-08	1.53E-03	0.000126	5E-06	0.002628	4.63E-08	0.002758
727	490186.72	3860285.12	0.06196	0.06056	0.05166	0.07188	1.16E-04	5.3E-06	0.00112	8E-08	0.00124	1.43E-04	6.51034E-06	0.001382	4.5E-08	1.53E-03	0.000126	5.01E-06	0.002631	4.64E-08	0.002762
728	490236.72	3860285.12	0.06189	0.06064	0.05171	0.07208	1.16E-04	5.3E-06	0.00112	8.1E-08	0.00124	1.43E-04	6.51894E-06	0.001383	4.51E-08	1.53E-03	0.000126	5.01E-06	0.002634	4.66E-08	0.002764

729	490286.72	3860285.12	0.06167	0.06056	0.05164	0.07217	1.16E-04	5.3E-06	0.00112	8.1E-08	0.00124	1.42E-04	6.51034E-06	0.001381	4.51E-08	1.53E-03	0.000125	5.01E-06	0.00263	4.66E-08	0.00276
730	490336.72	3860285.12	0.06141	0.06045	0.05154	0.07216	1.15E-04	5.3E-06	0.00112	8.1E-08	0.00124	1.41E-04	6.49851E-06	0.001378	4.51E-08	1.53E-03	0.000125	5E-06	0.002625	4.66E-08	0.002755
731	490386.72	3860285.12	0.06114	0.06032	0.05143	0.07207	1.15E-04	5.3E-06	0.00112	8.1E-08	0.00124	1.41E-04	6.48454E-06	0.001376	4.51E-08	1.52E-03	0.000124	4.99E-06	0.002619	4.66E-08	0.002749
732	490436.72	3860285.12	0.06079	0.0601	0.05123	0.07185	1.14E-04	5.3E-06	0.00111	8E-08	0.00123	1.40E-04	6.46088E-06	0.00137	4.49E-08	1.52E-03	0.000123	4.97E-06	0.002609	4.64E-08	0.002738
733	490486.72	3860285.12	0.06042	0.05984	0.05101	0.07154	1.14E-04	5.2E-06	0.00111	8E-08	0.00123	1.39E-04	6.43293E-06	0.001364	4.47E-08	1.51E-03	0.000123	4.95E-06	0.002598	4.62E-08	0.002726
734	490536.72	3860285.12	0.06	0.0595	0.05072	0.07112	1.13E-04	5.2E-06	0.0011	7.9E-08	0.00122	1.38E-04	6.39638E-06	0.001357	4.45E-08	1.50E-03	0.000122	4.92E-06	0.002583	4.59E-08	0.00271
735	490586.72	3860285.12	0.05958	0.05915	0.05041	0.07063	1.12E-04	5.2E-06	0.00109	7.9E-08	0.00121	1.37E-04	6.35876E-06	0.001348	4.42E-08	1.49E-03	0.000121	4.89E-06	0.002567	4.56E-08	0.002693
736	490636.72	3860285.12	0.0592	0.05881	0.0501	0.0701	1.11E-04	5.2E-06	0.00109	7.8E-08	0.0012	1.36E-04	6.32221E-06	0.00134	4.38E-08	1.48E-03	0.00012	4.86E-06	0.002552	4.53E-08	0.002677
737	490686.72	3860285.12	0.05884	0.05847	0.04979	0.06954	1.11E-04	5.1E-06	0.00108	7.8E-08	0.0012	1.35E-04	6.28566E-06	0.001332	4.35E-08	1.47E-03	0.000119	4.84E-06	0.002536	4.49E-08	0.00266
738	490736.72	3860285.12	0.05847	0.05808	0.04943	0.06895	1.10E-04	5.1E-06	0.00107	7.7E-08	0.00119	1.35E-04	6.24373E-06	0.001322	4.31E-08	1.46E-03	0.000119	4.8E-06	0.002517	4.45E-08	0.002641
739	490786.72	3860285.12	0.05814	0.05772	0.04909	0.06836	1.09E-04	5.1E-06	0.00107	7.6E-08	0.00118	1.34E-04	6.20503E-06	0.001313	4.28E-08	1.45E-03	0.000118	4.77E-06	0.0025	4.42E-08	0.002623
740	490086.72	3860335.12	0.06019	0.05859	0.05017	0.06913	1.13E-04	5.1E-06	0.00109	7.7E-08	0.00121	1.39E-04	6.29856E-06	0.001342	4.32E-08	1.49E-03	0.000122	4.85E-06	0.002555	4.47E-08	0.002682
741	490136.72	3860335.12	0.06029	0.05882	0.05035	0.06946	1.13E-04	5.2E-06	0.00109	7.8E-08	0.00121	1.39E-04	6.32328E-06	0.001347	4.34E-08	1.49E-03	0.000122	4.86E-06	0.002564	4.49E-08	0.002692
742	490186.72	3860335.12	0.06028	0.05894	0.05045	0.06974	1.13E-04	5.2E-06	0.0011	7.8E-08	0.00121	1.39E-04	6.33618E-06	0.001349	4.36E-08	1.49E-03	0.000122	4.87E-06	0.002569	4.5E-08	0.002697
743	490236.72	3860335.12	0.06028	0.05909	0.05055	0.07001	1.13E-04	5.2E-06	0.0011	7.8E-08	0.00122	1.39E-04	6.35231E-06	0.001352	4.38E-08	1.50E-03	0.000122	4.89E-06	0.002575	4.52E-08	0.002702
744	490286.72	3860335.12	0.06014	0.05908	0.05054	0.07018	1.13E-04	5.2E-06	0.0011	7.8E-08	0.00122	1.38E-04	6.35123E-06	0.001352	4.39E-08	1.50E-03	0.000122	4.89E-06	0.002574	4.53E-08	0.002701
745	490336.72	3860335.12	0.05994	0.05902	0.05049	0.07027	1.13E-04	5.2E-06	0.0011	7.9E-08	0.00121	1.38E-04	6.34478E-06	0.00135	4.39E-08	1.49E-03	0.000122	4.88E-06	0.002571	4.54E-08	0.002698
746	490386.72	3860335.12	0.05972	0.05893	0.05041	0.07028	1.12E-04	5.2E-06	0.00109	7.9E-08	0.00121	1.38E-04	6.33511E-06	0.001348	4.4E-08	1.49E-03	0.000121	4.87E-06	0.002567	4.54E-08	0.002694
747	490436.72	3860335.12	0.05944	0.05879	0.05028	0.07019	1.12E-04	5.2E-06	0.00109	7.8E-08	0.00121	1.37E-04	6.32006E-06	0.001345	4.39E-08	1.49E-03	0.000121	4.86E-06	0.002561	4.53E-08	0.002686
748	490486.72	3860335.12	0.05911	0.05858	0.0501	0.06999	1.11E-04	5.1E-06	0.00109	7.8E-08	0.0012	1.36E-04	6.29748E-06	0.00134	4.38E-08	1.48E-03	0.00012	4.84E-06	0.002552	4.52E-08	0.002677
749	490536.72	3860335.12	0.05879	0.05837	0.04991	0.06971	1.10E-04	5.1E-06	0.00108	7.8E-08	0.0012	1.35E-04	6.27491E-06	0.001335	4.36E-08	1.48E-03	0.000119	4.83E-06	0.002542	4.5E-08	0.002666
750	490586.72	3860335.12	0.05838	0.05804	0.04963	0.06931	1.10E-04	5.1E-06	0.00108	7.7E-08	0.00119	1.34E-04	6.23943E-06	0.001327	4.33E-08	1.47E-03	0.000119	4.8E-06	0.002528	4.48E-08	0.002651
751	490636.72	3860335.12	0.058	0.05773	0.04935	0.06886	1.09E-04	5.1E-06	0.00107	7.7E-08	0.00119	1.34E-04	6.2061E-06	0.00132	4.31E-08	1.46E-03	0.000118	4.77E-06	0.002513	4.45E-08	0.002636
752	490686.72	3860335.12	0.05763	0.0574	0.04905	0.06835	1.08E-04	5E-06	0.00107	7.6E-08	0.00118	1.33E-04	6.17063E-06	0.001312	4.27E-08	1.45E-03	0.000117	4.75E-06	0.002498	4.42E-08	0.00262
753	490736.72	3860335.12	0.05727	0.05705	0.04874	0.0678	1.08E-04	5E-06	0.00106	7.6E-08	0.00117	1.32E-04	6.133E-06	0.001304	4.24E-08	1.44E-03	0.000116	4.72E-06	0.002482	4.38E-08	0.002603
754	490786.72	3860335.12	0.05697	0.05675	0.04845	0.06727	1.07E-04	5E-06	0.00105	7.5E-08	0.00116	1.31E-04	6.10075E-06	0.001296	4.21E-08	1.43E-03	0.000116	4.69E-06	0.002468	4.35E-08	0.002588
755	490086.72	3860385.12	0.0585	0.05699	0.04894	0.06704	1.10E-04	5E-06	0.00106	7.5E-08	0.00118	1.35E-04	6.12655E-06	0.001309	4.19E-08	1.45E-03	0.000119	4.71E-06	0.002493	4.33E-08	0.002616
756	490136.72	3860385.12	0.05863	0.05724	0.04915	0.06737	1.10E-04	5E-06	0.00107	7.5E-08	0.00118	1.35E-04	6.15343E-06	0.001315	4.21E-08	1.46E-03	0.000119	4.73E-06	0.002503	4.35E-08	0.002627
757	490186.72	3860385.12	0.05862	0.05735	0.04924	0.06765	1.10E-04	5E-06	0.00107	7.6E-08	0.00118	1.35E-04	6.16525E-06	0.001317	4.23E-08	1.46E-03	0.000119	4.74E-06	0.002508	4.37E-08	0.002632
758	490236.72	3860385.12	0.05865	0.0575	0.04936	0.06794	1.10E-04	5E-06	0.00107	7.6E-08	0.00119	1.35E-04	6.18138E-06	0.00132	4.25E-08	1.46E-03	0.000119	4.76E-06	0.002514	4.39E-08	0.002638
759	490286.72	3860385.12	0.05858	0.05756	0.0494	0.06817	1.10E-04	5E-06	0.00107	7.6E-08	0.00119	1.35E-04	6.18783E-06	0.001321	4.26E-08	1.46E-03	0.000119	4.76E-06	0.002516	4.4E-08	0.00264
760	490336.72	3860385.12	0.05847	0.05758	0.04941	0.06835	1.10E-04	5.1E-06	0.00107	7.6E-08	0.00119	1.35E-04	6.18998E-06	0.001322	4.27E-08	1.46E-03	0.000119	4.76E-06	0.002516	4.42E-08	0.00264
761	490386.72	3860385.12	0.0583	0.05754	0.04937	0.06845	1.10E-04	5E-06	0.00107	7.6E-08	0.00119	1.34E-04	6.18568E-06	0.00132	4.28E-08	1.46E-03	0.000118	4.76E-06	0.002514	4.42E-08	0.002638
762	490436.72	3860385.12	0.05808	0.05746	0.0493	0.06846	1.09E-04	5E-06	0.00107	7.6E-08	0.00118	1.34E-04	6.17708E-06	0.001319	4.28E-08	1.46E-03	0.000118	4.75E-06	0.002511	4.42E-08	0.002634
763	490486.72	3860385.12	0.05785	0.05735	0.0492	0.0684	1.09E-04	5E-06	0.00107	7.6E-08	0.00118	1.33E-04	6.16525E-06	0.001316	4.28E-08	1.46E-03	0.000117	4.74E-06	0.002506	4.42E-08	0.002628
764	490536.72	3860385.12	0.05756	0.05718	0.04905	0.06822	1.08E-04	5E-06	0.00107	7.6E-08	0.00118	1.33E-04	6.14698E-06	0.001312	4.27E-08	1.45E-03	0.000117	4.73E-06	0.002498	4.41E-08	0.00262
765	490586.72	3860385.12	0.05723	0.05695	0.04885	0.06795	1.08E-04	5E-06	0.00106	7.6E-08	0.00117	1.32E-04	6.12225E-06	0.001307	4.25E-08	1.44E-03	0.000116	4.71E-06	0.002488	4.39E-08	0.002609
766	490636.72	3860385.12	0.05686	0.05666	0.04859	0.06758	1.07E-04	5E-06	0.00106	7.6E-08	0.00117	1.31E-04	6.09108E-06	0.0013	4.23E-08	1.44E-03	0.000115	4.69E-06	0.002475	4.37E-08	0.002595
767	490686.72	3860385.12	0.05652	0.05638	0.04834	0.06717	1.06E-04	4.9E-06	0.00105	7.5E-08	0.00116	1.30E-04	6.06098E-06	0.001293	4.2E-08	1.43E-03	0.000115	4.66E-06	0.002462	4.34E-08	0.002581
768	490736.72	3860385.12	0.05612	0.05603	0.04803	0.06666	1.05E-04	4.9E-06	0.00104	7.4E-08	0.00115	1.29E-04	6.02335E-06	0.001285	4.17E-08	1.42E-03	0.000114	4.63E-06	0.002446	4.31E-08	0.002565
769	490786.72	3860385.12	0.05577	0.05569	0.04772	0.06614	1.05E-04	4.9E-06	0.00104	7.4E-08	0.00115	1.28E-04	5.9868E-06	0.001276	4.14E-08	1.41E-03	0.000113	4.61E-06	0.00243	4.27E-08	0.002548
770	490136.72	3860435.12	0.05696	0.05563	0.04791	0.06533	1.07E-04	4.9E-06	0.00104	7.3E-08	0.00115	1.31E-04	5.98035E-06	0.001281	4.09E-08	1.42E-03	0.000116	4.6E-06	0.00244	4.22E-08	0.00256
771	490186.72	3860435.12	0.05705	0.05583	0.04807	0.06564	1.07E-04	4.9E-06	0.00104	7.3E-08	0.00116	1.31E-04	6.00185E-06	0.001286	4.11E-08	1.42E-03	0.000116	4.62E-06	0.002448	4.24E-08	0.002569
772	490236.72	3860435.12	0.05708	0.05597	0.04819	0.06593	1.07E-04	4.9E-06	0.00105	7.4E-08	0.00116	1.31E-04	6.0169E-06	0.001289	4.12E-08	1.43E-03	0.000116	4.63E-06	0.002454	4.26E-08	0.002575
773	490286.72	3860435.12	0.05706	0.05607	0.04827	0.06619	1.07E-04	4.9E-06	0.00105	7.4E-08	0.00116	1.31E-04	6.02765E-06	0.001291	4.14E-08	1.43E-03	0.000116	4.64E-06	0.002458	4.28E-08	0.002579
774	490336.72	3860435.12	0.05697	0.0561	0.04829	0.06641	1.07E-04	4.9E-06	0.00105	7.4E-08	0.00116	1.31E-04	6.03088E-06	0.001292	4.15E-08	1.43E-03	0.000116	4.64E-06	0.002459	4.29E-08	0.00258
775	490386.72	3860435.12	0.05687	0.05613	0.04832	0.06659	1.07E-04	4.9E-06	0.00105	7.4E-08	0.00116	1.31E-04	6.0341E-06	0.001292	4.16E-08	1.43E-03	0.000115	4.64E-06	0.002461	4.3E-08	0.002581
776	490436.72	3860435.12	0.05673	0.05611	0.04829	0.0667	1.07E-04	4.9E-06	0.00105	7.5E-08	0.00116	1.31E-04	6.03195E-06	0.001292	4.17E-08	1.43E-03	0.000115	4.64E-06	0.002459	4.31E-08	0.002579
777	490486.72	3860435.12	0.05654	0.05605	0.04823	0.06672	1.06E-04	4.9E-06	0.00105	7.5E-08	0.00116	1.30E-04	6.0255E-06	0.00129	4.17E-08	1.43E-03	0.000115	4.64E-06	0.002456	4.31E-08	0.002576
778	490536.72	3860435.12	0.05632	0.05595	0.04814	0.06667	1.06E-04	4.9E-06	0.00105	7.4E-08	0.00116	1.30E-04	6.01475E-06	0.001288	4.17E-08	1.42E-03	0.000114	4.63E-06	0.002452	4.31E-08	0.002571
779	490586.72	3860435.12	0.05603	0.05578	0.04799	0.06651	1.05E-04	4.9E-06	0.00104	7.4E-08	0.00115	1.29E-04	5.99647E-06	0.001284	4.16E-08	1.42E-03	0.000114	4.61E-06	0.002444	4.3E-08	0.002563
780	490636.72	3860435.12	0.05571	0.05554	0.04779	0.06624	1.05E-04	4.9E-06	0.00104	7.4E-08	0.00115	1.28E-04	5.97067E-06	0.001278	4.14E-08	1.41E-03	0.000113	4.59E-06	0.002434	4.28E-08	0.002552
781	490686.72	3860435.12	0.05538	0.0553	0.04757	0.06592	1.04E-04	4.9E-06	0.00103	7.4E-08	0.00114	1.28E-04	5.94487E-06	0.001272	4.12E-08	1.41E-03	0.000112	4.57E-06	0.002423	4.26E-08	0.00254
782	490736.72	3860435.12	0.05507	0.05506	0.04735	0.06553	1.03E-04	4.8E-06	0.00103	7.3E-08	0.00114	1.27E-04	5.91907E-06	0.001266	4.1E-08	1.40E-03	0.000112	4.55E-06	0.002412	4.23E-08	0.002528
783	490786.72	3860435.12	0.05471	0.05473	0.04705	0.06506	1.03E-04	4.8E-06	0.00102	7.3E-08	0.00113	1.26E-04	5.8836E-06	0.001258	4.07E-08	1.39E-03	0.000111	4.53E-06	0.002396	4.2E-08	0.002512
784	490136.72	3860485.12	0.05546	0.0542	0.04679	0.06345	1.04E-04	4.8E-06	0.00102	7.1E-08	0.00113	1.28E-04	5.82662E-06	0.001251	3.97E-08	1.39E-03	0.000113	4.48E-06	0.002383	4.1E-08	0.0025
785	490186.72	3860485.12	0.05552	0.05436	0.04693	0.06371	1.04E-04	4.8E-06	0.00102	7.1E-08	0.00113	1.28E-04	5.84382E-06	0.001255	3.98E-08	1.39E-03	0.000113	4.5E-06	0.00239	4.12E-08	0.002507
786	490236.72	3860485.12	0.05554	0.05447	0.04703	0.06397	1.04E-04	4.8E-06	0.00102	7.1E-08	0.00113	1.28E-04	5.85565E-06	0.001258	4E-08	1.39E-03	0.000113	4.5E-06	0.002395	4.13E-08	0.002513
787	490286.72	3860485.12	0.05557	0.05462	0.04716	0.06426	1.04E-04	4.8E-06	0.00102	7.2E-08	0.00113	1.28E-04	5.87177E-06	0.001261	4.02E-08	1.40E-03	0.000113	4.52E-06	0.002402	4.15E-08	0.002519
788	490336.72	3860485.12	0.05553	0.05468	0.04721	0.0645	1.04E-04	4.8E-06	0.00103	7.2E-08	0.00113	1.28E-04	5.87822E-06	0.001263	4.03E-08	1.40E-03	0.000113	4.52E-06	0.002404	4.17E-08	0.002522
789	490386.72	3860485.12	0.05549	0.05476	0.04727	0.06474	1.04E-04	4.8E-06	0.00103	7.2E-08	0.00114	1.28E-04	5.88682E-06	0.001264	4.05E-08	1.40E-03	0.000113	4.53E-06	0.002407	4.18E-08	0.002525

790	490436.72	3860485.12	0.05545	0.05485	0.04734	0.06495	1.04E-04	4.8E-06	0.00103	7.3E-08	0.00114	1.28E-04	5.8965E-06	0.001266	4.06E-08	1.40E-03	0.000113	4.54E-06	0.002411	4.2E-08	0.002528
791	490486.72	3860485.12	0.05528	0.0548	0.04729	0.06505	1.04E-04	4.8E-06	0.00103	7.3E-08	0.00114	1.27E-04	5.89112E-06	0.001265	4.07E-08	1.40E-03	0.000112	4.53E-06	0.002409	4.2E-08	0.002525
792	490536.72	3860485.12	0.05507	0.0547	0.04721	0.06506	1.03E-04	4.8E-06	0.00103	7.3E-08	0.00113	1.27E-04	5.88037E-06	0.001263	4.07E-08	1.40E-03	0.000112	4.52E-06	0.002404	4.2E-08	0.002521
793	490586.72	3860485.12	0.05483	0.05457	0.04709	0.06499	1.03E-04	4.8E-06	0.00102	7.3E-08	0.00113	1.26E-04	5.8664E-06	0.001259	4.06E-08	1.39E-03	0.000111	4.51E-06	0.002398	4.2E-08	0.002514
794	490636.72	3860485.12	0.05459	0.05444	0.04697	0.06486	1.03E-04	4.8E-06	0.00102	7.2E-08	0.00113	1.26E-04	5.85242E-06	0.001256	4.06E-08	1.39E-03	0.000111	4.5E-06	0.002392	4.19E-08	0.002508
795	490686.72	3860485.12	0.05427	0.05422	0.04678	0.06462	1.02E-04	4.8E-06	0.00102	7.2E-08	0.00112	1.25E-04	5.82877E-06	0.001251	4.04E-08	1.38E-03	0.00011	4.48E-06	0.002383	4.17E-08	0.002497
796	490736.72	3860485.12	0.05398	0.05401	0.04659	0.06432	1.01E-04	4.7E-06	0.00101	7.2E-08	0.00112	1.24E-04	5.8062E-06	0.001246	4.02E-08	1.38E-03	0.00011	4.47E-06	0.002373	4.15E-08	0.002487
797	490786.72	3860485.12	0.05366	0.05375	0.04635	0.06394	1.01E-04	4.7E-06	0.00101	7.1E-08	0.00111	1.24E-04	5.77825E-06	0.00124	4E-08	1.37E-03	0.000109	4.45E-06	0.002361	4.13E-08	0.002474
798	490136.72	3860535.12	0.05399	0.05279	0.04569	0.06166	1.01E-04	4.6E-06	0.00099	6.9E-08	0.0011	1.24E-04	5.67504E-06	0.001222	3.86E-08	1.35E-03	0.00011	4.37E-06	0.002327	3.98E-08	0.002441
799	490186.72	3860535.12	0.05417	0.05308	0.04592	0.06194	1.02E-04	4.7E-06	0.001	6.9E-08	0.0011	1.25E-04	5.70622E-06	0.001228	3.87E-08	1.36E-03	0.00011	4.39E-06	0.002339	4E-08	0.002453
800	490236.72	3860535.12	0.05409	0.05307	0.04594	0.06213	1.02E-04	4.7E-06	0.001	6.9E-08	0.0011	1.25E-04	5.70514E-06	0.001229	3.89E-08	1.36E-03	0.00011	4.39E-06	0.00234	4.01E-08	0.002454
801	490286.72	3860535.12	0.05409	0.05317	0.04603	0.06238	1.02E-04	4.7E-06	0.001	7E-08	0.00111	1.25E-04	5.71589E-06	0.001231	3.9E-08	1.36E-03	0.00011	4.4E-06	0.002344	4.03E-08	0.002459
802	490336.72	3860535.12	0.05412	0.0533	0.04614	0.06265	1.02E-04	4.7E-06	0.001	7E-08	0.00111	1.25E-04	5.72987E-06	0.001234	3.92E-08	1.36E-03	0.00011	4.41E-06	0.00235	4.05E-08	0.002464
803	490386.72	3860535.12	0.05415	0.05345	0.04626	0.06293	1.02E-04	4.7E-06	0.001	7E-08	0.00111	1.25E-04	5.74599E-06	0.001237	3.94E-08	1.37E-03	0.00011	4.42E-06	0.002356	4.07E-08	0.00247
804	490436.72	3860535.12	0.05414	0.05355	0.04634	0.06318	1.02E-04	4.7E-06	0.00101	7.1E-08	0.00111	1.25E-04	5.75674E-06	0.001239	3.95E-08	1.37E-03	0.00011	4.43E-06	0.00236	4.08E-08	0.002475
805	490486.72	3860535.12	0.05407	0.05359	0.04637	0.06336	1.02E-04	4.7E-06	0.00101	7.1E-08	0.00111	1.25E-04	5.76105E-06	0.00124	3.96E-08	1.37E-03	0.00011	4.43E-06	0.002362	4.09E-08	0.002476
806	490536.72	3860535.12	0.05408	0.05374	0.04648	0.06355	1.02E-04	4.7E-06	0.00101	7.1E-08	0.00112	1.25E-04	5.77717E-06	0.001243	3.97E-08	1.37E-03	0.00011	4.44E-06	0.002367	4.11E-08	0.002482
807	490586.72	3860535.12	0.0537	0.05344	0.04624	0.06348	1.01E-04	4.7E-06	0.001	7.1E-08	0.00111	1.24E-04	5.74492E-06	0.001237	3.97E-08	1.37E-03	0.000109	4.42E-06	0.002355	4.1E-08	0.002469
808	490636.72	3860535.12	0.05346	0.05331	0.04613	0.06342	1.00E-04	4.7E-06	0.001	7.1E-08	0.00111	1.23E-04	5.73094E-06	0.001234	3.97E-08	1.36E-03	0.000109	4.41E-06	0.002349	4.1E-08	0.002462
809	490686.72	3860535.12	0.05322	0.05317	0.046	0.06329	1.00E-04	4.7E-06	0.001	7.1E-08	0.0011	1.23E-04	5.71589E-06	0.00123	3.96E-08	1.36E-03	0.000108	4.4E-06	0.002343	4.09E-08	0.002455
810	490736.72	3860535.12	0.05292	0.05296	0.04582	0.06306	9.94E-05	4.6E-06	0.001	7E-08	0.0011	1.22E-04	5.69332E-06	0.001225	3.94E-08	1.35E-03	0.000107	4.38E-06	0.002334	4.07E-08	0.002446
811	490786.72	3860535.12	0.05265	0.05277	0.04564	0.06278	9.89E-05	4.6E-06	0.00099	7E-08	0.00109	1.21E-04	5.67289E-06	0.001221	3.93E-08	1.35E-03	0.000107	4.36E-06	0.002324	4.06E-08	0.002436
812	490136.72	3860585.12	0.05269	0.05157	0.04472	0.06001	9.90E-05	4.5E-06	0.00097	6.7E-08	0.00107	1.21E-04	5.54389E-06	0.001196	3.75E-08	1.32E-03	0.000107	4.26E-06	0.002278	3.88E-08	0.002389
813	490186.72	3860585.12	0.05245	0.05138	0.04459	0.06006	9.86E-05	4.5E-06	0.00097	6.7E-08	0.00107	1.21E-04	5.52347E-06	0.001193	3.76E-08	1.32E-03	0.000106	4.25E-06	0.002271	3.88E-08	0.002382
814	490236.72	3860585.12	0.0526	0.05161	0.04479	0.06033	9.88E-05	4.5E-06	0.00097	6.7E-08	0.00108	1.21E-04	5.54819E-06	0.001198	3.77E-08	1.32E-03	0.000107	4.27E-06	0.002281	3.9E-08	0.002392
815	490286.72	3860585.12	0.0527	0.05181	0.04496	0.0606	9.90E-05	4.5E-06	0.00098	6.8E-08	0.00108	1.21E-04	5.56969E-06	0.001202	3.79E-08	1.33E-03	0.000107	4.28E-06	0.00229	3.91E-08	0.002401
816	490336.72	3860585.12	0.05274	0.05194	0.04507	0.06086	9.91E-05	4.6E-06	0.00098	6.8E-08	0.00108	1.21E-04	5.58367E-06	0.001205	3.81E-08	1.33E-03	0.000107	4.3E-06	0.002295	3.93E-08	0.002407
817	490386.72	3860585.12	0.05274	0.05204	0.04517	0.06112	9.91E-05	4.6E-06	0.00098	6.8E-08	0.00108	1.21E-04	5.59442E-06	0.001208	3.82E-08	1.34E-03	0.000107	4.3E-06	0.002301	3.95E-08	0.002412
818	490436.72	3860585.12	0.05291	0.05234	0.0454	0.06146	9.94E-05	4.6E-06	0.00099	6.9E-08	0.00109	1.22E-04	5.62667E-06	0.001214	3.84E-08	1.34E-03	0.000107	4.33E-06	0.002312	3.97E-08	0.002424
819	490486.72	3860585.12	0.05302	0.05257	0.04558	0.06176	9.96E-05	4.6E-06	0.00099	6.9E-08	0.00109	1.22E-04	5.65139E-06	0.001219	3.86E-08	1.35E-03	0.000108	4.35E-06	0.002321	3.99E-08	0.002433
820	490536.72	3860585.12	0.05287	0.05253	0.04555	0.06191	9.94E-05	4.6E-06	0.00099	6.9E-08	0.00109	1.22E-04	5.64709E-06	0.001218	3.87E-08	1.35E-03	0.000107	4.34E-06	0.00232	4E-08	0.002432
821	490586.72	3860585.12	0.05247	0.0522	0.0453	0.06187	9.86E-05	4.6E-06	0.00098	6.9E-08	0.00109	1.21E-04	5.61162E-06	0.001212	3.87E-08	1.34E-03	0.000107	4.32E-06	0.002307	4E-08	0.002418
822	490636.72	3860585.12	0.05232	0.05216	0.04526	0.06192	9.83E-05	4.6E-06	0.00098	6.9E-08	0.00109	1.20E-04	5.60732E-06	0.001211	3.87E-08	1.34E-03	0.000106	4.31E-06	0.002305	4E-08	0.002416
823	490686.72	3860585.12	0.05212	0.05206	0.04517	0.06188	9.79E-05	4.6E-06	0.00098	6.9E-08	0.00108	1.20E-04	5.59657E-06	0.001208	3.87E-08	1.33E-03	0.000106	4.31E-06	0.002301	4E-08	0.002411
824	490736.72	3860585.12	0.05189	0.05193	0.04505	0.06177	9.75E-05	4.6E-06	0.00098	6.9E-08	0.00108	1.19E-04	5.58259E-06	0.001205	3.86E-08	1.33E-03	0.000105	4.29E-06	0.002294	3.99E-08	0.002404
825	490786.72	3860585.12	0.05161	0.05174	0.04488	0.06156	9.70E-05	4.5E-06	0.00097	6.9E-08	0.00108	1.19E-04	5.56217E-06	0.0012	3.85E-08	1.32E-03	0.000105	4.28E-06	0.002286	3.98E-08	0.002395
826	490136.72	3860635.12	0.05155	0.05051	0.04388	0.05851	9.69E-05	4.4E-06	0.00095	6.5E-08	0.00105	1.19E-04	5.42994E-06	0.001174	3.66E-08	1.30E-03	0.000105	4.18E-06	0.002235	3.78E-08	0.002344
827	490186.72	3860635.12	0.05141	0.05041	0.04382	0.05858	9.66E-05	4.4E-06	0.00095	6.5E-08	0.00105	1.18E-04	5.41919E-06	0.001172	3.66E-08	1.30E-03	0.000104	4.17E-06	0.002232	3.78E-08	0.00234
828	490236.72	3860635.12	0.05127	0.05032	0.04377	0.05867	9.63E-05	4.4E-06	0.00095	6.6E-08	0.00105	1.18E-04	5.40951E-06	0.001171	3.67E-08	1.29E-03	0.000104	4.16E-06	0.002229	3.79E-08	0.002338
829	490286.72	3860635.12	0.0513	0.05043	0.04387	0.05887	9.64E-05	4.4E-06	0.00095	6.6E-08	0.00105	1.18E-04	5.42134E-06	0.001173	3.68E-08	1.30E-03	0.000104	4.17E-06	0.002234	3.8E-08	0.002343
830	490336.72	3860635.12	0.05138	0.0506	0.04402	0.05913	9.66E-05	4.4E-06	0.00096	6.6E-08	0.00106	1.18E-04	5.43961E-06	0.001177	3.7E-08	1.30E-03	0.000104	4.18E-06	0.002242	3.82E-08	0.002351
831	490386.72	3860635.12	0.05143	0.05075	0.04415	0.05939	9.66E-05	4.5E-06	0.00096	6.6E-08	0.00106	1.18E-04	5.45574E-06	0.001181	3.71E-08	1.30E-03	0.000104	4.2E-06	0.002249	3.84E-08	0.002357
832	490436.72	3860635.12	0.05144	0.05085	0.04424	0.05964	9.67E-05	4.5E-06	0.00096	6.7E-08	0.00106	1.18E-04	5.46649E-06	0.001183	3.73E-08	1.31E-03	0.000104	4.21E-06	0.002253	3.85E-08	0.002362
833	490486.72	3860635.12	0.05146	0.05097	0.04434	0.0599	9.67E-05	4.5E-06	0.00096	6.7E-08	0.00106	1.19E-04	5.47939E-06	0.001186	3.75E-08	1.31E-03	0.000104	4.22E-06	0.002258	3.87E-08	0.002367
834	490536.72	3860635.12	0.0515	0.05112	0.04446	0.06017	9.68E-05	4.5E-06	0.00097	6.7E-08	0.00107	1.19E-04	5.49551E-06	0.001189	3.76E-08	1.31E-03	0.000105	4.23E-06	0.002264	3.89E-08	0.002373
835	490586.72	3860635.12	0.05133	0.05105	0.04441	0.06029	9.65E-05	4.5E-06	0.00096	6.7E-08	0.00107	1.18E-04	5.48799E-06	0.001188	3.77E-08	1.31E-03	0.000104	4.22E-06	0.002262	3.89E-08	0.00237
836	490636.72	3860635.12	0.05123	0.05106	0.04441	0.06042	9.63E-05	4.5E-06	0.00096	6.8E-08	0.00107	1.18E-04	5.48906E-06	0.001188	3.78E-08	1.31E-03	0.000104	4.22E-06	0.002262	3.9E-08	0.00237
837	490686.72	3860635.12	0.05107	0.051	0.04436	0.06046	9.60E-05	4.5E-06	0.00096	6.8E-08	0.00106	1.18E-04	5.48261E-06	0.001186	3.78E-08	1.31E-03	0.000104	4.22E-06	0.002259	3.91E-08	0.002367
838	490736.72	3860635.12	0.05083	0.05086	0.04423	0.0604	9.55E-05	4.5E-06	0.00096	6.7E-08	0.00106	1.17E-04	5.46756E-06	0.001183	3.78E-08	1.31E-03	0.000103	4.21E-06	0.002253	3.9E-08	0.00236
839	490786.72	3860635.12	0.05062	0.05073	0.04412	0.0603	9.51E-05	4.5E-06	0.00096	6.7E-08	0.00106	1.17E-04	5.45359E-06	0.00118	3.77E-08	1.30E-03	0.000103	4.2E-06	0.002247	3.9E-08	0.002354
840	490136.72	3860685.12	0.05015	0.04915	0.04282	0.05696	9.42E-05	4.3E-06	0.00093	6.4E-08	0.00103	1.15E-04	5.28374E-06	0.001145	3.56E-08	1.27E-03	0.000102	4.06E-06	0.002181	3.68E-08	0.002287
841	490186.72	3860685.12	0.05045	0.04954	0.04312	0.05719	9.48E-05	4.3E-06	0.00094	6.4E-08	0.00104	1.16E-04	5.32566E-06	0.001153	3.58E-08	1.27E-03	0.000102	4.1E-06	0.002196	3.69E-08	0.002303
842	490236.72	3860685.12	0.05022	0.04934	0.04298	0.05722	9.44E-05	4.3E-06	0.00093	6.4E-08	0.00103	1.16E-04	5.30416E-06	0.00115	3.58E-08	1.27E-03	0.000102	4.08E-06	0.002189	3.7E-08	0.002295
843	490286.72	3860685.12	0.04994	0.0491	0.04281	0.05723	9.38E-05	4.3E-06	0.00093	6.4E-08	0.00103	1.15E-04	5.27836E-06	0.001145	3.58E-08	1.27E-03	0.000101	4.06E-06	0.00218	3.7E-08	0.002286
844	490336.72	3860685.12	0.05009	0.04933	0.04301	0.05749	9.41E-05	4.3E-06	0.00093	6.4E-08	0.00103	1.15E-04	5.30309E-06	0.00115	3.6E-08	1.27E-03	0.000102	4.08E-06	0.002191	3.71E-08	0.002296
845	490386.72	3860685.12	0.05015	0.04948	0.04314	0.05774	9.42E-05	4.3E-06	0.00094	6.5E-08	0.00104	1.15E-04	5.31921E-06	0.001154	3.61E-08	1.27E-03	0.000102	4.09E-06	0.002197	3.73E-08	0.002303
846	490436.72	3860685.12	0.05014	0.04954	0.04321	0.05795	9.42E-05	4.3E-06	0.00094	6.5E-08	0.00104	1.15E-04	5.32566E-06	0.001156	3.62E-08	1.28E-03	0.000102	4.1E-06	0.002201	3.74E-08	0.002307
847	490486.72	3860685.12	0.0501	0.0496	0.04327	0.05818	9.41E-05	4.4E-06	0.00094	6.5E-08	0.00104	1.15E-04	5.33211E-06	0.001157	3.64E-08	1.28E-03	0.000102	4.1E-06	0.002204	3.76E-08	0.00231
848	490536.72	3860685.12	0.05013	0.04972	0.04337	0.05844	9.42E-05	4.4E-06	0.00094	6.5E-08	0.00104	1.15E-04	5.34501E-06	0.00116	3.66E-08	1.28E-03	0.000102	4.11E-06	0.002209	3.78E-08	0.002315
849	490586.72	3860685.12	0.05011	0.04981	0.04344	0.05866	9.42E-05	4.4E-06	0.00094	6.6E-08	0.00104	1.15E-04	5.35469E-06	0.001162	3.67E-08	1.28E-03	0.000102	4.12E-06	0.002212	3.79E-08	0.002318
850	490636.72	3860685.12	0.05009	0.04989	0.0435	0.05886	9.41E-05	4.4E-06	0.00094	6.6E-08	0.00104	1.15E-04	5.36329E-06	0.001163	3.68E-08	1.28E-03	0.000102	4.13E-06	0.002215	3.8E-08	0.002321

851	490686.72	3860685.12	0.05003	0.04994	0.04354	0.05901	9.40E-05	4.4E-06	0.00095	6.6E-08	0.00104	1.15E-04	5.36866E-06	0.001165	3.69E-08	1.29E-03	0.000102	4.13E-06	0.002218	3.81E-08	0.002323
852	490736.72	3860685.12	0.04986	0.04986	0.04347	0.05905	9.37E-05	4.4E-06	0.00094	6.6E-08	0.00104	1.15E-04	5.36006E-06	0.001163	3.69E-08	1.28E-03	0.000101	4.12E-06	0.002214	3.81E-08	0.002319
853	490786.72	3860685.12	0.04975	0.04986	0.04346	0.05907	9.35E-05	4.4E-06	0.00094	6.6E-08	0.00104	1.15E-04	5.36006E-06	0.001162	3.69E-08	1.28E-03	0.000101	4.12E-06	0.002213	3.82E-08	0.002319
854	490136.72	3860735.12	0.04858	0.04759	0.04161	0.05535	9.13E-05	4.2E-06	0.0009	6.2E-08	0.001	1.12E-04	5.11603E-06	0.001113	3.46E-08	1.23E-03	9.86E-05	3.94E-06	0.002119	3.58E-08	0.002222
855	490186.72	3860735.12	0.04857	0.04763	0.04164	0.05542	9.13E-05	4.2E-06	0.0009	6.2E-08	0.001	1.12E-04	5.12033E-06	0.001114	3.47E-08	1.23E-03	9.86E-05	3.94E-06	0.002121	3.58E-08	0.002223
856	490236.72	3860735.12	0.04862	0.04774	0.04172	0.05554	9.14E-05	4.2E-06	0.00091	6.2E-08	0.001	1.12E-04	5.13216E-06	0.001116	3.47E-08	1.23E-03	9.87E-05	3.95E-06	0.002125	3.59E-08	0.002228
857	490286.72	3860735.12	0.0487	0.04788	0.04185	0.05571	9.15E-05	4.2E-06	0.00091	6.2E-08	0.001	1.12E-04	5.14721E-06	0.001119	3.48E-08	1.24E-03	9.89E-05	3.96E-06	0.002131	3.6E-08	0.002234
858	490336.72	3860735.12	0.04876	0.04801	0.04196	0.05589	9.16E-05	4.2E-06	0.00091	6.2E-08	0.00101	1.12E-04	5.16118E-06	0.001122	3.5E-08	1.24E-03	9.9E-05	3.97E-06	0.002137	3.61E-08	0.00224
859	490386.72	3860735.12	0.04887	0.04821	0.04213	0.05613	9.18E-05	4.2E-06	0.00091	6.3E-08	0.00101	1.13E-04	5.18268E-06	0.001127	3.51E-08	1.24E-03	9.92E-05	3.99E-06	0.002146	3.63E-08	0.002249
860	490436.72	3860735.12	0.04908	0.04851	0.04238	0.05645	9.22E-05	4.3E-06	0.00092	6.3E-08	0.00102	1.13E-04	5.21493E-06	0.001133	3.53E-08	1.25E-03	9.97E-05	4.01E-06	0.002158	3.65E-08	0.002262
861	490486.72	3860735.12	0.04902	0.04853	0.04241	0.05664	9.21E-05	4.3E-06	0.00092	6.3E-08	0.00102	1.13E-04	5.21708E-06	0.001134	3.54E-08	1.25E-03	9.95E-05	4.01E-06	0.00216	3.66E-08	0.002264
862	490536.72	3860735.12	0.04888	0.04846	0.04237	0.05679	9.19E-05	4.3E-06	0.00092	6.3E-08	0.00102	1.13E-04	5.20956E-06	0.001133	3.55E-08	1.25E-03	9.92E-05	4.01E-06	0.002158	3.67E-08	0.002261
863	490586.72	3860735.12	0.04886	0.04853	0.04243	0.05702	9.18E-05	4.3E-06	0.00092	6.4E-08	0.00102	1.13E-04	5.21708E-06	0.001135	3.57E-08	1.25E-03	9.92E-05	4.01E-06	0.002161	3.68E-08	0.002264
864	490636.72	3860735.12	0.04884	0.04861	0.0425	0.05724	9.18E-05	4.3E-06	0.00092	6.4E-08	0.00102	1.12E-04	5.22568E-06	0.001137	3.58E-08	1.25E-03	9.92E-05	4.02E-06	0.002165	3.7E-08	0.002268
865	490686.72	3860735.12	0.04887	0.04875	0.04261	0.05747	9.18E-05	4.3E-06	0.00093	6.4E-08	0.00102	1.13E-04	5.24073E-06	0.00114	3.59E-08	1.26E-03	9.92E-05	4.03E-06	0.00217	3.71E-08	0.002273
866	490736.72	3860735.12	0.04886	0.04884	0.04268	0.05765	9.18E-05	4.3E-06	0.00093	6.4E-08	0.00102	1.13E-04	5.25041E-06	0.001142	3.61E-08	1.26E-03	9.92E-05	4.04E-06	0.002174	3.72E-08	0.002277
867	490136.72	3860785.12	0.0472	0.04624	0.04057	0.05387	8.87E-05	4.1E-06	0.00088	6E-08	0.00097	1.09E-04	4.9709E-06	0.001085	3.37E-08	1.20E-03	9.58E-05	3.82E-06	0.002066	3.48E-08	0.002166
868	490186.72	3860785.12	0.04727	0.04636	0.04065	0.05397	8.88E-05	4.1E-06	0.00088	6E-08	0.00098	1.09E-04	4.9838E-06	0.001087	3.38E-08	1.20E-03	9.6E-05	3.83E-06	0.00207	3.49E-08	0.00217
869	490236.72	3860785.12	0.04733	0.04648	0.04072	0.05408	8.89E-05	4.1E-06	0.00088	6E-08	0.00098	1.09E-04	4.9967E-06	0.001089	3.38E-08	1.20E-03	9.61E-05	3.84E-06	0.002074	3.49E-08	0.002174
870	490286.72	3860785.12	0.0474	0.04661	0.04083	0.05421	8.91E-05	4.1E-06	0.00089	6.1E-08	0.00098	1.09E-04	5.01068E-06	0.001092	3.39E-08	1.21E-03	9.62E-05	3.85E-06	0.002079	3.5E-08	0.00218
871	490336.72	3860785.12	0.04745	0.04673	0.04093	0.05436	8.92E-05	4.1E-06	0.00089	6.1E-08	0.00098	1.09E-04	5.02358E-06	0.001095	3.4E-08	1.21E-03	9.63E-05	3.86E-06	0.002085	3.51E-08	0.002185
872	490386.72	3860785.12	0.04762	0.04697	0.04114	0.0546	8.95E-05	4.1E-06	0.00089	6.1E-08	0.00099	1.10E-04	5.04938E-06	0.0011	3.41E-08	1.22E-03	9.67E-05	3.88E-06	0.002095	3.53E-08	0.002196
873	490436.72	3860785.12	0.04768	0.0471	0.04125	0.05481	8.96E-05	4.1E-06	0.0009	6.1E-08	0.00099	1.10E-04	5.06336E-06	0.001103	3.43E-08	1.22E-03	9.68E-05	3.9E-06	0.002101	3.54E-08	0.002202
874	490486.72	3860785.12	0.04782	0.04732	0.04145	0.05509	8.99E-05	4.2E-06	0.0009	6.2E-08	0.00099	1.10E-04	5.08701E-06	0.001109	3.45E-08	1.22E-03	9.71E-05	3.91E-06	0.002111	3.56E-08	0.002212
875	490536.72	3860785.12	0.04778	0.04736	0.04149	0.05528	8.98E-05	4.2E-06	0.0009	6.2E-08	0.001	1.10E-04	5.09131E-06	0.00111	3.46E-08	1.22E-03	9.7E-05	3.92E-06	0.002113	3.57E-08	0.002214
876	490586.72	3860785.12	0.04765	0.04731	0.04146	0.05543	8.95E-05	4.2E-06	0.0009	6.2E-08	0.00099	1.10E-04	5.08593E-06	0.001109	3.47E-08	1.22E-03	9.67E-05	3.91E-06	0.002112	3.58E-08	0.002212
877	490636.72	3860785.12	0.04764	0.04738	0.04153	0.05565	8.95E-05	4.2E-06	0.0009	6.2E-08	0.001	1.10E-04	5.09346E-06	0.001111	3.48E-08	1.23E-03	9.67E-05	3.92E-06	0.002115	3.59E-08	0.002216
878	490686.72	3860785.12	0.04766	0.0475	0.04163	0.05589	8.96E-05	4.2E-06	0.0009	6.2E-08	0.001	1.10E-04	5.10636E-06	0.001113	3.5E-08	1.23E-03	9.68E-05	3.93E-06	0.00212	3.61E-08	0.002221
879	490736.72	3860785.12	0.0477	0.04764	0.04174	0.05613	8.96E-05	4.2E-06	0.00091	6.3E-08	0.001	1.10E-04	5.12141E-06	0.001116	3.51E-08	1.23E-03	9.68E-05	3.94E-06	0.002126	3.63E-08	0.002227
880	490086.72	3860835.12	0.04594	0.04494	0.03963	0.05247	8.63E-05	3.9E-06	0.00086	5.9E-08	0.00095	1.06E-04	4.83115E-06	0.00106	3.28E-08	1.17E-03	9.33E-05	3.72E-06	0.002018	3.39E-08	0.002115
881	490136.72	3860835.12	0.04607	0.04513	0.03973	0.05258	8.66E-05	4E-06	0.00086	5.9E-08	0.00095	1.06E-04	4.85158E-06	0.001063	3.29E-08	1.17E-03	9.35E-05	3.73E-06	0.002023	3.4E-08	0.002121
882	490186.72	3860835.12	0.04608	0.0452	0.03975	0.05263	8.66E-05	4E-06	0.00086	5.9E-08	0.00095	1.06E-04	4.8591E-06	0.001063	3.29E-08	1.17E-03	9.36E-05	3.74E-06	0.002024	3.4E-08	0.002122
883	490236.72	3860835.12	0.04612	0.0453	0.0398	0.0527	8.67E-05	4E-06	0.00086	5.9E-08	0.00095	1.06E-04	4.86985E-06	0.001064	3.3E-08	1.18E-03	9.36E-05	3.75E-06	0.002027	3.4E-08	0.002124
884	490286.72	3860835.12	0.0462	0.04544	0.0399	0.05282	8.68E-05	4E-06	0.00087	5.9E-08	0.00096	1.06E-04	4.8849E-06	0.001067	3.3E-08	1.18E-03	9.38E-05	3.76E-06	0.002032	3.41E-08	0.00213
885	490336.72	3860835.12	0.04624	0.04553	0.03998	0.05293	8.69E-05	4E-06	0.00087	5.9E-08	0.00096	1.06E-04	4.89458E-06	0.001069	3.31E-08	1.18E-03	9.39E-05	3.77E-06	0.002036	3.42E-08	0.002134
886	490386.72	3860835.12	0.04631	0.04566	0.04009	0.05308	8.70E-05	4E-06	0.00087	5.9E-08	0.00096	1.07E-04	4.90855E-06	0.001072	3.32E-08	1.18E-03	9.4E-05	3.78E-06	0.002042	3.43E-08	0.00214
887	490436.72	3860835.12	0.04643	0.04585	0.04025	0.0533	8.73E-05	4E-06	0.00087	6E-08	0.00097	1.07E-04	4.92898E-06	0.001077	3.33E-08	1.19E-03	9.43E-05	3.79E-06	0.00205	3.44E-08	0.002148
888	490486.72	3860835.12	0.04653	0.04602	0.0404	0.05353	8.74E-05	4E-06	0.00088	6E-08	0.00097	1.07E-04	4.94725E-06	0.001081	3.35E-08	1.19E-03	9.45E-05	3.81E-06	0.002058	3.46E-08	0.002156
889	490536.72	3860835.12	0.04657	0.04614	0.04051	0.05375	8.75E-05	4E-06	0.00088	6E-08	0.00097	1.07E-04	4.96015E-06	0.001083	3.36E-08	1.20E-03	9.46E-05	3.82E-06	0.002063	3.47E-08	0.002162
890	490586.72	3860835.12	0.04655	0.04619	0.04057	0.05394	8.75E-05	4.1E-06	0.00088	6E-08	0.00097	1.07E-04	4.96553E-06	0.001085	3.37E-08	1.20E-03	9.45E-05	3.82E-06	0.002066	3.48E-08	0.002165
891	490636.72	3860835.12	0.04652	0.04624	0.04062	0.05414	8.74E-05	4.1E-06	0.00088	6E-08	0.00097	1.07E-04	4.9709E-06	0.001086	3.39E-08	1.20E-03	9.45E-05	3.82E-06	0.002069	3.5E-08	0.002167
892	490686.72	3860835.12	0.04655	0.04636	0.04072	0.05439	8.75E-05	4.1E-06	0.00088	6.1E-08	0.00098	1.07E-04	4.9838E-06	0.001089	3.4E-08	1.20E-03	9.45E-05	3.83E-06	0.002074	3.51E-08	0.002172
893	490736.72	3860835.12	0.04661	0.04652	0.04085	0.05465	8.76E-05	4.1E-06	0.00089	6.1E-08	0.00098	1.07E-04	5.001E-06	0.001093	3.42E-08	1.20E-03	9.46E-05	3.85E-06	0.002081	3.53E-08	0.002179
894	490086.72	3860885.12	0.04487	0.0439	0.03886	0.05125	8.43E-05	3.9E-06	0.00084	5.7E-08	0.00093	1.03E-04	4.71935E-06	0.001039	3.21E-08	1.15E-03	9.11E-05	3.63E-06	0.001979	3.31E-08	0.002074
895	490136.72	3860885.12	0.04493	0.04402	0.03889	0.05131	8.44E-05	3.9E-06	0.00084	5.7E-08	0.00093	1.03E-04	4.73225E-06	0.00104	3.21E-08	1.15E-03	9.12E-05	3.64E-06	0.001981	3.31E-08	0.002076
896	490186.72	3860885.12	0.04497	0.04411	0.03891	0.05136	8.45E-05	3.9E-06	0.00084	5.7E-08	0.00093	1.04E-04	4.74192E-06	0.001041	3.21E-08	1.15E-03	9.13E-05	3.65E-06	0.001982	3.32E-08	0.002077
897	490236.72	3860885.12	0.04502	0.04422	0.03896	0.05143	8.46E-05	3.9E-06	0.00085	5.7E-08	0.00093	1.04E-04	4.75375E-06	0.001042	3.22E-08	1.15E-03	9.14E-05	3.66E-06	0.001984	3.32E-08	0.002079
898	490286.72	3860885.12	0.04506	0.04432	0.03902	0.05151	8.47E-05	3.9E-06	0.00085	5.8E-08	0.00094	1.04E-04	4.7645E-06	0.001044	3.22E-08	1.15E-03	9.15E-05	3.67E-06	0.001987	3.33E-08	0.002082
899	490336.72	3860885.12	0.04509	0.0444	0.03907	0.05159	8.47E-05	3.9E-06	0.00085	5.8E-08	0.00094	1.04E-04	4.7731E-06	0.001045	3.23E-08	1.15E-03	9.15E-05	3.67E-06	0.00199	3.33E-08	0.002085
900	490386.72	3860885.12	0.04518	0.04455	0.03919	0.05173	8.49E-05	3.9E-06	0.00085	5.8E-08	0.00094	1.04E-04	4.78922E-06	0.001048	3.24E-08	1.16E-03	9.17E-05	3.68E-06	0.001996	3.34E-08	0.002091
901	490436.72	3860885.12	0.04529	0.04472	0.03934	0.05191	8.51E-05	3.9E-06	0.00085	5.8E-08	0.00094	1.04E-04	4.8075E-06	0.001052	3.25E-08	1.16E-03	9.2E-05	3.7E-06	0.002004	3.35E-08	0.002099
902	490486.72	3860885.12	0.04537	0.04486	0.03946	0.05209	8.53E-05	3.9E-06	0.00086	5.8E-08	0.00095	1.04E-04	4.82255E-06	0.001055	3.26E-08	1.16E-03	9.21E-05	3.71E-06	0.00201	3.36E-08	0.002106
903	490536.72	3860885.12	0.04542	0.04497	0.03957	0.05228	8.54E-05	3.9E-06	0.00086	5.8E-08	0.00095	1.05E-04	4.83438E-06	0.001058	3.27E-08	1.17E-03	9.22E-05	3.72E-06	0.002015	3.38E-08	0.002111
904	490586.72	3860885.12	0.04543	0.04506	0.03965	0.05248	8.54E-05	4E-06	0.00086	5.9E-08	0.00095	1.05E-04	4.84405E-06	0.00106	3.28E-08	1.17E-03	9.22E-05	3.73E-06	0.002019	3.39E-08	0.002115
905	490636.72	3860885.12	0.04543	0.04513	0.03972	0.05268	8.54E-05	4E-06	0.00086	5.9E-08	0.00095	1.05E-04	4.85158E-06	0.001062	3.29E-08	1.17E-03	9.22E-05	3.73E-06	0.002023	3.4E-08	0.002119
906	490686.72	3860885.12	0.04544	0.04522	0.03981	0.05291	8.54E-05	4E-06	0.00086	5.9E-08	0.00095	1.05E-04	4.86125E-06	0.001065	3.31E-08	1.17E-03	9.23E-05	3.74E-06	0.002028	3.42E-08	0.002124
907	490736.72	3860885.12	0.04546	0.04533	0.0399	0.05314	8.54E-05	4E-06	0.00087	5.9E-08	0.00096	1.05E-04	4.87308E-06	0.001067	3.32E-08	1.18E-03	9.23E-05	3.75E-06	0.002032	3.43E-08	0.002128
908	490086.72	3860935.12	0.04377	0.04281	0.03806	0.05003	8.23E-05	3.8E-06	0.00083	5.6E-08	0.00091	1.01E-04	4.60217E-06	0.001018	3.13E-08	1.12E-03	8.89E-05	3.54E-06	0.001938	3.23E-08	0.002031
909	490136.72	3860935.12	0.04377	0.04287	0.03803	0.05004	8.23E-05	3.8E-06	0.00083	5.6E-08	0.00091	1.01E-04	4.60862E-06	0.001017	3.13E-08	1.12E-03	8.89E-05	3.55E-06	0.001937	3.23E-08	0.002029
910	490186.72	3860935.12	0.04385	0.04302	0.03808	0.05012	8.24E-05	3.8E-06	0.00083	5.6E-08	0.00091	1.01E-04	4.62475E-06	0.001018	3.13E-08	1.12E-03	8.9E-05	3.56E-06	0.001939	3.24E-08	0.002032
911	490236.72	3860935.12	0.04392	0.04314	0.03813	0.05019	8.25E-05	3.8E-06	0.00083	5.6E-08	0.00091	1.01E-04	4.63765E-06	0.00102	3.14E-08	1.13E-03	8.92E-05	3.57E-06	0.001942	3.24E-08	0.002035

912	490286.72	3860935.12	0.044	0.04327	0.0382	0.05028	8.27E-05	3.8E-06	0.00083	5.6E-08	0.00092	1.01E-04	4.65162E-06	0.001022	3.14E-08	1.13E-03	8.93E-05	3.58E-06	0.001946	3.25E-08	0.002038
913	490336.72	3860935.12	0.04401	0.04334	0.03824	0.05033	8.27E-05	3.8E-06	0.00083	5.6E-08	0.00092	1.01E-04	4.65915E-06	0.001023	3.15E-08	1.13E-03	8.94E-05	3.58E-06	0.001948	3.25E-08	0.002041
914	490386.72	3860935.12	0.04411	0.0435	0.03835	0.05046	8.29E-05	3.8E-06	0.00083	5.6E-08	0.00092	1.02E-04	4.67635E-06	0.001026	3.16E-08	1.13E-03	8.96E-05	3.6E-06	0.001953	3.26E-08	0.002046
915	490436.72	3860935.12	0.04421	0.04365	0.03847	0.05061	8.31E-05	3.8E-06	0.00084	5.7E-08	0.00092	1.02E-04	4.69247E-06	0.001029	3.17E-08	1.14E-03	8.98E-05	3.61E-06	0.001959	3.27E-08	0.002053
916	490486.72	3860935.12	0.04426	0.04376	0.03857	0.05075	8.32E-05	3.8E-06	0.00084	5.7E-08	0.00092	1.02E-04	4.7043E-06	0.001032	3.17E-08	1.14E-03	8.99E-05	3.62E-06	0.001964	3.28E-08	0.002058
917	490536.72	3860935.12	0.04433	0.04389	0.03869	0.05092	8.33E-05	3.9E-06	0.00084	5.7E-08	0.00093	1.02E-04	4.71827E-06	0.001035	3.18E-08	1.14E-03	9E-05	3.63E-06	0.001971	3.29E-08	0.002064
918	490586.72	3860935.12	0.04435	0.04397	0.03877	0.05109	8.33E-05	3.9E-06	0.00084	5.7E-08	0.00093	1.02E-04	4.72687E-06	0.001037	3.2E-08	1.14E-03	9E-05	3.64E-06	0.001975	3.3E-08	0.002068
919	490636.72	3860935.12	0.04436	0.04405	0.03885	0.05127	8.34E-05	3.9E-06	0.00084	5.7E-08	0.00093	1.02E-04	4.73547E-06	0.001039	3.21E-08	1.15E-03	9.01E-05	3.64E-06	0.001979	3.31E-08	0.002072
920	490686.72	3860935.12	0.04439	0.04415	0.03894	0.05149	8.34E-05	3.9E-06	0.00085	5.8E-08	0.00093	1.02E-04	4.74622E-06	0.001041	3.22E-08	1.15E-03	9.01E-05	3.65E-06	0.001983	3.33E-08	0.002077
921	490736.72	3860935.12	0.04441	0.04424	0.03903	0.05171	8.35E-05	3.9E-06	0.00085	5.8E-08	0.00093	1.02E-04	4.7559E-06	0.001044	3.23E-08	1.15E-03	9.02E-05	3.66E-06	0.001988	3.34E-08	0.002082
922	490786.72	3860935.12	0.04442	0.04434	0.03912	0.05194	8.35E-05	3.9E-06	0.00085	5.8E-08	0.00094	1.02E-04	4.76665E-06	0.001046	3.25E-08	1.15E-03	9.02E-05	3.67E-06	0.001992	3.36E-08	0.002086
923	490836.72	3860935.12	0.04448	0.04449	0.03924	0.0522	8.36E-05	3.9E-06	0.00085	5.8E-08	0.00094	1.02E-04	4.78277E-06	0.00105	3.26E-08	1.16E-03	9.03E-05	3.68E-06	0.001999	3.37E-08	0.002093
924	490086.72	3860985.12	0.04277	0.04183	0.03734	0.0489	8.04E-05	3.7E-06	0.00081	5.5E-08	0.00089	9.85E-05	4.49682E-06	0.000999	3.06E-08	1.10E-03	8.68E-05	3.46E-06	0.001902	3.16E-08	0.001992
925	490136.72	3860985.12	0.04281	0.04193	0.03734	0.04894	8.04E-05	3.7E-06	0.00081	5.5E-08	0.0009	9.86E-05	4.50757E-06	0.000999	3.06E-08	1.10E-03	8.69E-05	3.47E-06	0.001902	3.16E-08	0.001992
926	490186.72	3860985.12	0.0429	0.04207	0.03738	0.04901	8.06E-05	3.7E-06	0.00081	5.5E-08	0.0009	9.88E-05	4.52262E-06	0.001	3.07E-08	1.10E-03	8.71E-05	3.48E-06	0.001904	3.17E-08	0.001994
927	490236.72	3860985.12	0.0429	0.04213	0.03736	0.04903	8.06E-05	3.7E-06	0.00081	5.5E-08	0.0009	9.88E-05	4.52907E-06	0.000999	3.07E-08	1.10E-03	8.71E-05	3.48E-06	0.001903	3.17E-08	0.001993
928	490286.72	3860985.12	0.04293	0.04222	0.03739	0.04908	8.07E-05	3.7E-06	0.00081	5.5E-08	0.0009	9.89E-05	4.53874E-06	0.001	3.07E-08	1.10E-03	8.72E-05	3.49E-06	0.001904	3.17E-08	0.001995
929	490336.72	3860985.12	0.04299	0.04233	0.03744	0.04914	8.08E-05	3.7E-06	0.00081	5.5E-08	0.0009	9.90E-05	4.55057E-06	0.001001	3.07E-08	1.10E-03	8.73E-05	3.5E-06	0.001907	3.17E-08	0.001998
930	490386.72	3860985.12	0.04306	0.04245	0.03752	0.04923	8.09E-05	3.7E-06	0.00081	5.5E-08	0.0009	9.92E-05	4.56347E-06	0.001003	3.08E-08	1.11E-03	8.74E-05	3.51E-06	0.001911	3.18E-08	0.002002
931	490436.72	3860985.12	0.04319	0.04264	0.03766	0.04938	8.12E-05	3.7E-06	0.00082	5.5E-08	0.0009	9.95E-05	4.5839E-06	0.001007	3.09E-08	1.11E-03	8.77E-05	3.53E-06	0.001918	3.19E-08	0.002009
932	490486.72	3860985.12	0.04323	0.04273	0.03774	0.04949	8.12E-05	3.7E-06	0.00082	5.5E-08	0.0009	9.96E-05	4.59357E-06	0.001009	3.1E-08	1.11E-03	8.78E-05	3.53E-06	0.001922	3.2E-08	0.002013
933	490536.72	3860985.12	0.04326	0.04281	0.03781	0.04961	8.13E-05	3.8E-06	0.00082	5.5E-08	0.00091	9.96E-05	4.60217E-06	0.001011	3.1E-08	1.12E-03	8.78E-05	3.54E-06	0.001926	3.2E-08	0.002017
934	490586.72	3860985.12	0.04329	0.0429	0.0379	0.04975	8.14E-05	3.8E-06	0.00082	5.6E-08	0.00091	9.97E-05	4.61185E-06	0.001014	3.11E-08	1.12E-03	8.79E-05	3.55E-06	0.00193	3.21E-08	0.002022
935	490636.72	3860985.12	0.04335	0.04302	0.03801	0.04995	8.15E-05	3.8E-06	0.00083	5.6E-08	0.00091	9.98E-05	4.62475E-06	0.001017	3.12E-08	1.12E-03	8.8E-05	3.56E-06	0.001936	3.23E-08	0.002027
936	490686.72	3860985.12	0.04337	0.04311	0.03809	0.05013	8.15E-05	3.8E-06	0.00083	5.6E-08	0.00091	9.99E-05	4.63442E-06	0.001019	3.14E-08	1.12E-03	8.81E-05	3.57E-06	0.00194	3.24E-08	0.002032
937	490736.72	3860985.12	0.04338	0.04319	0.03817	0.05033	8.15E-05	3.8E-06	0.00083	5.6E-08	0.00091	9.99E-05	4.64302E-06	0.001021	3.15E-08	1.13E-03	8.81E-05	3.57E-06	0.001944	3.25E-08	0.002036
938	490786.72	3860985.12	0.04341	0.0433	0.03827	0.05056	8.16E-05	3.8E-06	0.00083	5.6E-08	0.00092	1.00E-04	4.65485E-06	0.001024	3.16E-08	1.13E-03	8.81E-05	3.58E-06	0.001949	3.27E-08	0.002041
939	490836.72	3860985.12	0.04347	0.04344	0.03839	0.05082	8.17E-05	3.8E-06	0.00083	5.7E-08	0.00092	1.00E-04	4.6699E-06	0.001027	3.18E-08	1.13E-03	8.83E-05	3.59E-06	0.001955	3.28E-08	0.002047
940	490086.72	3861035.12	0.0418	0.04086	0.03664	0.0478	7.86E-05	3.6E-06	0.0008	5.3E-08	0.00088	9.63E-05	4.39254E-06	0.00098	2.99E-08	1.08E-03	8.49E-05	3.38E-06	0.001866	3.09E-08	0.001954
941	490136.72	3861035.12	0.04185	0.04098	0.03664	0.04785	7.86E-05	3.6E-06	0.0008	5.3E-08	0.00088	9.64E-05	4.40544E-06	0.00098	2.99E-08	1.08E-03	8.5E-05	3.39E-06	0.001866	3.09E-08	0.001954
942	490186.72	3861035.12	0.04189	0.04107	0.03664	0.04788	7.87E-05	3.6E-06	0.0008	5.3E-08	0.00088	9.65E-05	4.41512E-06	0.00098	2.99E-08	1.08E-03	8.51E-05	3.4E-06	0.001866	3.09E-08	0.001955
943	490236.72	3861035.12	0.04195	0.04119	0.03666	0.04794	7.88E-05	3.6E-06	0.0008	5.4E-08	0.00088	9.66E-05	4.42802E-06	0.00098	3E-08	1.08E-03	8.52E-05	3.41E-06	0.001867	3.1E-08	0.001956
944	490286.72	3861035.12	0.04196	0.04125	0.03665	0.04795	7.89E-05	3.6E-06	0.0008	5.4E-08	0.00088	9.66E-05	4.43447E-06	0.00098	3E-08	1.08E-03	8.52E-05	3.41E-06	0.001867	3.1E-08	0.001955
945	490336.72	3861035.12	0.04198	0.04133	0.03667	0.04799	7.89E-05	3.6E-06	0.0008	5.4E-08	0.00088	9.67E-05	4.44307E-06	0.000981	3E-08	1.08E-03	8.52E-05	3.42E-06	0.001868	3.1E-08	0.001956
946	490386.72	3861035.12	0.04209	0.04149	0.03677	0.0481	7.91E-05	3.6E-06	0.0008	5.4E-08	0.00088	9.69E-05	4.46027E-06	0.000983	3.01E-08	1.08E-03	8.55E-05	3.43E-06	0.001873	3.11E-08	0.001962
947	490436.72	3861035.12	0.0422	0.04166	0.03688	0.04822	7.93E-05	3.7E-06	0.0008	5.4E-08	0.00088	9.72E-05	4.47854E-06	0.000986	3.02E-08	1.09E-03	8.57E-05	3.45E-06	0.001878	3.11E-08	0.001967
948	490486.72	3861035.12	0.04225	0.04176	0.03695	0.04831	7.94E-05	3.7E-06	0.0008	5.4E-08	0.00089	9.73E-05	4.48929E-06	0.000988	3.02E-08	1.09E-03	8.58E-05	3.45E-06	0.001882	3.12E-08	0.001971
949	490536.72	3861035.12	0.04228	0.04184	0.03702	0.04841	7.95E-05	3.7E-06	0.0008	5.4E-08	0.00089	9.74E-05	4.49789E-06	0.00099	3.03E-08	1.09E-03	8.58E-05	3.46E-06	0.001885	3.13E-08	0.001975
950	490586.72	3861035.12	0.04231	0.04192	0.03709	0.04852	7.95E-05	3.7E-06	0.00081	5.4E-08	0.00089	9.74E-05	4.50649E-06	0.000992	3.03E-08	1.09E-03	8.59E-05	3.47E-06	0.001889	3.13E-08	0.001978
951	490636.72	3861035.12	0.04233	0.042	0.03717	0.04866	7.95E-05	3.7E-06	0.00081	5.4E-08	0.00089	9.75E-05	4.51509E-06	0.000994	3.04E-08	1.10E-03	8.59E-05	3.47E-06	0.001893	3.14E-08	0.001983
952	490686.72	3861035.12	0.04235	0.04208	0.03725	0.04882	7.96E-05	3.7E-06	0.00081	5.5E-08	0.00089	9.75E-05	4.52369E-06	0.000996	3.05E-08	1.10E-03	8.6E-05	3.48E-06	0.001897	3.15E-08	0.001987
953	490736.72	3861035.12	0.04238	0.04217	0.03734	0.04901	7.96E-05	3.7E-06	0.00081	5.5E-08	0.00089	9.76E-05	4.53337E-06	0.000999	3.07E-08	1.10E-03	8.6E-05	3.49E-06	0.001902	3.17E-08	0.001991
954	490786.72	3861035.12	0.04243	0.04229	0.03745	0.04924	7.97E-05	3.7E-06	0.00081	5.5E-08	0.0009	9.77E-05	4.54627E-06	0.001002	3.08E-08	1.10E-03	8.61E-05	3.5E-06	0.001907	3.18E-08	0.001997
955	490836.72	3861035.12	0.04249	0.04243	0.03757	0.04948	7.98E-05	3.7E-06	0.00082	5.5E-08	0.0009	9.78E-05	4.56132E-06	0.001005	3.09E-08	1.11E-03	8.63E-05	3.51E-06	0.001913	3.2E-08	0.002003
956	490086.72	3861085.12	0.04087	0.03995	0.03597	0.04675	7.68E-05	3.5E-06	0.00078	5.2E-08	0.00086	9.41E-05	4.29471E-06	0.000962	2.92E-08	1.06E-03	8.3E-05	3.3E-06	0.001832	3.02E-08	0.001918
957	490136.72	3861085.12	0.04097	0.0401	0.03601	0.04683	7.70E-05	3.5E-06	0.00078	5.2E-08	0.00086	9.43E-05	4.31084E-06	0.000963	2.93E-08	1.06E-03	8.32E-05	3.32E-06	0.001834	3.03E-08	0.001921
958	490186.72	3861085.12	0.04108	0.04027	0.03606	0.04691	7.72E-05	3.5E-06	0.00078	5.2E-08	0.00086	9.46E-05	4.32912E-06	0.000964	2.93E-08	1.06E-03	8.34E-05	3.33E-06	0.001837	3.03E-08	0.001923
959	490236.72	3861085.12	0.04107	0.04031	0.03601	0.04691	7.72E-05	3.5E-06	0.00078	5.2E-08	0.00086	9.46E-05	4.33342E-06	0.000963	2.93E-08	1.06E-03	8.34E-05	3.33E-06	0.001834	3.03E-08	0.001921
960	490286.72	3861085.12	0.04107	0.04037	0.03599	0.04692	7.72E-05	3.5E-06	0.00078	5.2E-08	0.00086	9.46E-05	4.33987E-06	0.000963	2.93E-08	1.06E-03	8.34E-05	3.34E-06	0.001833	3.03E-08	0.00192
961	490336.72	3861085.12	0.04108	0.04044	0.03598	0.04694	7.72E-05	3.5E-06	0.00078	5.2E-08	0.00086	9.46E-05	4.34739E-06	0.000962	2.94E-08	1.06E-03	8.34E-05	3.34E-06	0.001832	3.03E-08	0.001919
962	490386.72	3861085.12	0.04117	0.04058	0.03606	0.04703	7.74E-05	3.6E-06	0.00078	5.3E-08	0.00086	9.48E-05	4.36244E-06	0.000964	2.94E-08	1.06E-03	8.36E-05	3.36E-06	0.001837	3.04E-08	0.001924
963	490436.72	3861085.12	0.04122	0.04068	0.03611	0.04709	7.75E-05	3.6E-06	0.00078	5.3E-08	0.00087	9.49E-05	4.37319E-06	0.000966	2.95E-08	1.07E-03	8.37E-05	3.36E-06	0.001839	3.04E-08	0.001926
964	490486.72	3861085.12	0.04127	0.04078	0.03617	0.04717	7.76E-05	3.6E-06	0.00079	5.3E-08	0.00087	9.50E-05	4.38394E-06	0.000967	2.95E-08	1.07E-03	8.38E-05	3.37E-06	0.001842	3.05E-08	0.001929
965	490536.72	3861085.12	0.04136	0.04092	0.03627	0.04728	7.77E-05	3.6E-06	0.00079	5.3E-08	0.00087	9.52E-05	4.39899E-06	0.00097	2.96E-08	1.07E-03	8.4E-05	3.38E-06	0.001847	3.05E-08	0.001935
966	490586.72	3861085.12	0.04137	0.04098	0.03632	0.04736	7.77E-05	3.6E-06	0.00079	5.3E-08	0.00087	9.53E-05	4.40544E-06	0.000971	2.96E-08	1.07E-03	8.4E-05	3.39E-06	0.00185	3.06E-08	0.001937
967	490636.72	3861085.12	0.04135	0.04101	0.03636	0.04745	7.77E-05	3.6E-06	0.00079	5.3E-08	0.00087	9.52E-05	4.40867E-06	0.000972	2.97E-08	1.07E-03	8.4E-05	3.39E-06	0.001852	3.07E-08	0.001939
968	490686.72	3861085.12	0.04138	0.04109	0.03643	0.04758	7.78E-05	3.6E-06	0.00079	5.3E-08	0.00087	9.53E-05	4.41727E-06	0.000974	2.98E-08	1.07E-03	8.4E-05	3.4E-06	0.001855	3.07E-08	0.001943
969	490736.72	3861085.12	0.04142	0.0412	0.03654	0.04776	7.78E-05	3.6E-06	0.00079	5.3E-08	0.00088	9.54E-05	4.42909E-06	0.000977	2.99E-08	1.08E-03	8.41E-05	3.41E-06	0.001861	3.09E-08	0.001949
970	490786.72	3861085.12	0.04148	0.04131	0.03664	0.04796	7.79E-05	3.6E-06	0.0008	5.4E-08	0.00088	9.55E-05	4.44092E-06	0.00098	3E-08	1.08E-03	8.42E-05	3.42E-06	0.001866	3.1E-08	0.001954
971	490836.72	3861085.12	0.04153	0.04143	0.03675	0.04818	7.80E-05	3.6E-06	0.0008	5.4E-08	0.00088	9.56E-05	4.45382E-06	0.000983	3.01E-08	1.08E-03	8.43E-05	3.43E-06	0.001872	3.11E-08	0.001959
972	490086.72	3861135.12	0.03998	0.03906	0.03532	0.04574	7.51E-05	3.4E-06	0.00077	5.1E-08	0.00085	9.21E-05	4.19904E-06	0.000945	2.86E-08	1.04E-03	8.12E-05	3.23E-06	0.001799	2.95E-08	0.001883

973	490136.72	3861135.12	0.04006	0.03919	0.03534	0.04579	7.53E-05	3.4E-06	0.00077	5.1E-08	0.00085	9.23E-05	4.21301E-06	0.000945	2.86E-08	1.04E-03	8.13E-05	3.24E-06	0.0018	2.96E-08	0.001884
974	490186.72	3861135.12	0.04015	0.03933	0.03537	0.04586	7.55E-05	3.5E-06	0.00077	5.1E-08	0.00085	9.25E-05	4.22806E-06	0.000946	2.87E-08	1.04E-03	8.15E-05	3.25E-06	0.001801	2.96E-08	0.001886
975	490236.72	3861135.12	0.04021	0.03945	0.03538	0.04591	7.56E-05	3.5E-06	0.00077	5.1E-08	0.00085	9.26E-05	4.24096E-06	0.000946	2.87E-08	1.04E-03	8.16E-05	3.26E-06	0.001802	2.97E-08	0.001887
976	490286.72	3861135.12	0.04023	0.03953	0.03537	0.04594	7.56E-05	3.5E-06	0.00077	5.1E-08	0.00085	9.26E-05	4.24956E-06	0.000946	2.87E-08	1.04E-03	8.17E-05	3.27E-06	0.001801	2.97E-08	0.001886
977	490336.72	3861135.12	0.04024	0.0396	0.03535	0.04595	7.56E-05	3.5E-06	0.00077	5.1E-08	0.00085	9.27E-05	4.25709E-06	0.000945	2.87E-08	1.04E-03	8.17E-05	3.27E-06	0.0018	2.97E-08	0.001885
978	490386.72	3861135.12	0.04029	0.0397	0.03538	0.046	7.57E-05	3.5E-06	0.00077	5.1E-08	0.00085	9.28E-05	4.26784E-06	0.000946	2.88E-08	1.04E-03	8.18E-05	3.28E-06	0.001802	2.97E-08	0.001887
979	490436.72	3861135.12	0.04032	0.03978	0.0354	0.04604	7.58E-05	3.5E-06	0.00077	5.1E-08	0.00085	9.28E-05	4.27644E-06	0.000947	2.88E-08	1.04E-03	8.19E-05	3.29E-06	0.001803	2.97E-08	0.001888
980	490486.72	3861135.12	0.04037	0.03988	0.03546	0.04611	7.59E-05	3.5E-06	0.00077	5.2E-08	0.00085	9.30E-05	4.28719E-06	0.000948	2.88E-08	1.05E-03	8.2E-05	3.3E-06	0.001806	2.98E-08	0.001891
981	490536.72	3861135.12	0.04042	0.03998	0.03552	0.04618	7.60E-05	3.5E-06	0.00077	5.2E-08	0.00085	9.31E-05	4.29794E-06	0.00095	2.89E-08	1.05E-03	8.21E-05	3.31E-06	0.001809	2.98E-08	0.001894
982	490586.72	3861135.12	0.04044	0.04005	0.03557	0.04625	7.60E-05	3.5E-06	0.00077	5.2E-08	0.00085	9.31E-05	4.30546E-06	0.000951	2.89E-08	1.05E-03	8.21E-05	3.31E-06	0.001812	2.99E-08	0.001897
983	490636.72	3861135.12	0.04044	0.04009	0.0356	0.04631	7.60E-05	3.5E-06	0.00077	5.2E-08	0.00085	9.31E-05	4.30976E-06	0.000952	2.9E-08	1.05E-03	8.21E-05	3.32E-06	0.001813	2.99E-08	0.001899
984	490686.72	3861135.12	0.04047	0.04018	0.03568	0.04643	7.61E-05	3.5E-06	0.00077	5.2E-08	0.00085	9.32E-05	4.31944E-06	0.000954	2.9E-08	1.05E-03	8.22E-05	3.32E-06	0.001817	3E-08	0.001903
985	490736.72	3861135.12	0.04053	0.04028	0.03578	0.04659	7.62E-05	3.5E-06	0.00078	5.2E-08	0.00086	9.33E-05	4.33019E-06	0.000957	2.91E-08	1.05E-03	8.23E-05	3.33E-06	0.001822	3.01E-08	0.001908
986	490786.72	3861135.12	0.04058	0.04039	0.03588	0.04676	7.63E-05	3.5E-06	0.00078	5.2E-08	0.00086	9.34E-05	4.34202E-06	0.00096	2.92E-08	1.06E-03	8.24E-05	3.34E-06	0.001827	3.02E-08	0.001913
987	490836.72	3861135.12	0.04061	0.04049	0.03598	0.04695	7.63E-05	3.6E-06	0.00078	5.2E-08	0.00086	9.35E-05	4.35277E-06	0.000962	2.94E-08	1.06E-03	8.25E-05	3.35E-06	0.001832	3.03E-08	0.001918
988	490086.72	3861185.12	0.03912	0.03821	0.03469	0.04476	7.35E-05	3.4E-06	0.00075	5E-08	0.00083	9.01E-05	4.10766E-06	0.000928	2.8E-08	1.02E-03	7.94E-05	3.16E-06	0.001767	2.89E-08	0.001849
989	490136.72	3861185.12	0.03913	0.03826	0.03466	0.04477	7.35E-05	3.4E-06	0.00075	5E-08	0.00083	9.01E-05	4.11304E-06	0.000927	2.8E-08	1.02E-03	7.94E-05	3.16E-06	0.001765	2.89E-08	0.001848
990	490186.72	3861185.12	0.0392	0.03838	0.03467	0.04482	7.37E-05	3.4E-06	0.00075	5E-08	0.00083	9.03E-05	4.12594E-06	0.000927	2.8E-08	1.02E-03	7.96E-05	3.17E-06	0.001766	2.9E-08	0.001849
991	490236.72	3861185.12	0.03927	0.0385	0.03469	0.04487	7.38E-05	3.4E-06	0.00075	5E-08	0.00083	9.04E-05	4.13884E-06	0.000928	2.81E-08	1.02E-03	7.97E-05	3.18E-06	0.001767	2.9E-08	0.00185
992	490286.72	3861185.12	0.03937	0.03866	0.03473	0.04495	7.40E-05	3.4E-06	0.00075	5E-08	0.00083	9.07E-05	4.15604E-06	0.000929	2.81E-08	1.02E-03	7.99E-05	3.2E-06	0.001769	2.9E-08	0.001852
993	490336.72	3861185.12	0.03931	0.03866	0.03466	0.04492	7.39E-05	3.4E-06	0.00075	5E-08	0.00083	9.05E-05	4.15604E-06	0.000927	2.81E-08	1.02E-03	7.98E-05	3.2E-06	0.001765	2.9E-08	0.001848
994	490386.72	3861185.12	0.03936	0.03877	0.03467	0.04497	7.40E-05	3.4E-06	0.00075	5E-08	0.00083	9.06E-05	4.16786E-06	0.000927	2.81E-08	1.02E-03	7.99E-05	3.21E-06	0.001766	2.9E-08	0.001849
995	490436.72	3861185.12	0.03945	0.03891	0.03473	0.04504	7.41E-05	3.4E-06	0.00075	5E-08	0.00083	9.08E-05	4.18291E-06	0.000929	2.82E-08	1.02E-03	8.01E-05	3.22E-06	0.001769	2.91E-08	0.001852
996	490486.72	3861185.12	0.03948	0.03899	0.03476	0.04508	7.42E-05	3.4E-06	0.00075	5E-08	0.00083	9.09E-05	4.19151E-06	0.00093	2.82E-08	1.02E-03	8.02E-05	3.22E-06	0.00177	2.91E-08	0.001854
997	490536.72	3861185.12	0.0396	0.03916	0.03486	0.04519	7.44E-05	3.4E-06	0.00076	5E-08	0.00083	9.12E-05	4.20979E-06	0.000932	2.83E-08	1.03E-03	8.04E-05	3.24E-06	0.001775	2.92E-08	0.001859
998	490586.72	3861185.12	0.0396	0.0392	0.03488	0.04522	7.44E-05	3.4E-06	0.00076	5.1E-08	0.00084	9.12E-05	4.21409E-06	0.000933	2.83E-08	1.03E-03	8.04E-05	3.24E-06	0.001776	2.92E-08	0.00186
999	490636.72	3861185.12	0.03955	0.0392	0.03487	0.04524	7.43E-05	3.4E-06	0.00076	5.1E-08	0.00084	9.11E-05	4.21409E-06	0.000933	2.83E-08	1.03E-03	8.03E-05	3.24E-06	0.001776	2.92E-08	0.00186
1000	490686.72	3861185.12	0.03957	0.03927	0.03494	0.04533	7.44E-05	3.4E-06	0.00076	5.1E-08	0.00084	9.11E-05	4.22161E-06	0.000934	2.84E-08	1.03E-03	8.03E-05	3.25E-06	0.00178	2.93E-08	0.001863
1001	490736.72	3861185.12	0.03966	0.0394	0.03505	0.04548	7.45E-05	3.5E-06	0.00076	5.1E-08	0.00084	9.13E-05	4.23559E-06	0.000937	2.84E-08	1.03E-03	8.05E-05	3.26E-06	0.001785	2.94E-08	0.001869
1002	490786.72	3861185.12	0.03972	0.03952	0.03516	0.04564	7.46E-05	3.5E-06	0.00076	5.1E-08	0.00084	9.15E-05	4.24849E-06	0.00094	2.85E-08	1.04E-03	8.06E-05	3.27E-06	0.001791	2.95E-08	0.001875
1003	490836.72	3861185.12	0.03976	0.03962	0.03525	0.04581	7.47E-05	3.5E-06	0.00077	5.1E-08	0.00084	9.16E-05	4.25924E-06	0.000943	2.87E-08	1.04E-03	8.07E-05	3.28E-06	0.001795	2.96E-08	0.001879
1004	490086.72	3861235.12	0.03827	0.03738	0.03407	0.0438	7.19E-05	3.3E-06	0.00074	4.9E-08	0.00082	8.81E-05	4.01843E-06	0.000911	2.74E-08	1.00E-03	7.77E-05	3.09E-06	0.001735	2.83E-08	0.001816
1005	490136.72	3861235.12	0.0383	0.03744	0.03405	0.04382	7.20E-05	3.3E-06	0.00074	4.9E-08	0.00081	8.82E-05	4.02488E-06	0.000911	2.74E-08	1.00E-03	7.78E-05	3.1E-06	0.001734	2.83E-08	0.001815
1006	490186.72	3861235.12	0.03837	0.03755	0.03406	0.04387	7.21E-05	3.3E-06	0.00074	4.9E-08	0.00082	8.84E-05	4.03671E-06	0.000911	2.74E-08	1.00E-03	7.79E-05	3.11E-06	0.001735	2.83E-08	0.001816
1007	490236.72	3861235.12	0.03839	0.03761	0.03403	0.04388	7.21E-05	3.3E-06	0.00074	4.9E-08	0.00081	8.84E-05	4.04316E-06	0.00091	2.74E-08	1.00E-03	7.79E-05	3.11E-06	0.001733	2.83E-08	0.001814
1008	490386.72	3861235.12	0.03848	0.03788	0.034	0.04397	7.23E-05	3.3E-06	0.00074	4.9E-08	0.00081	8.86E-05	4.07218E-06	0.000909	2.75E-08	1.00E-03	7.81E-05	3.13E-06	0.001732	2.84E-08	0.001813
1009	490436.72	3861235.12	0.0385	0.03795	0.034	0.044	7.23E-05	3.3E-06	0.00074	4.9E-08	0.00081	8.87E-05	4.07971E-06	0.000909	2.75E-08	1.00E-03	7.82E-05	3.14E-06	0.001732	2.84E-08	0.001813
1010	490486.72	3861235.12	0.03854	0.03804	0.03402	0.04404	7.24E-05	3.3E-06	0.00074	4.9E-08	0.00081	8.88E-05	4.08939E-06	0.00091	2.75E-08	1.00E-03	7.83E-05	3.15E-06	0.001733	2.84E-08	0.001814
1011	490536.72	3861235.12	0.03871	0.03827	0.03416	0.04418	7.27E-05	3.4E-06	0.00074	4.9E-08	0.00082	8.91E-05	4.11411E-06	0.000914	2.76E-08	1.01E-03	7.86E-05	3.16E-06	0.00174	2.85E-08	0.001822
1012	490586.72	3861235.12	0.03882	0.03842	0.03426	0.04428	7.30E-05	3.4E-06	0.00074	4.9E-08	0.00082	8.94E-05	4.13024E-06	0.000916	2.77E-08	1.01E-03	7.88E-05	3.18E-06	0.001745	2.86E-08	0.001827
1013	490636.72	3861235.12	0.03869	0.03834	0.03418	0.04422	7.27E-05	3.4E-06	0.00074	4.9E-08	0.00082	8.91E-05	4.12164E-06	0.000914	2.77E-08	1.01E-03	7.86E-05	3.17E-06	0.001741	2.86E-08	0.001823
1014	490686.72	3861235.12	0.03873	0.03842	0.03424	0.04429	7.28E-05	3.4E-06	0.00074	4.9E-08	0.00082	8.92E-05	4.13024E-06	0.000916	2.77E-08	1.01E-03	7.86E-05	3.18E-06	0.001744	2.86E-08	0.001826
1015	490736.72	3861235.12	0.03881	0.03854	0.03434	0.04442	7.29E-05	3.4E-06	0.00075	5E-08	0.00082	8.94E-05	4.14314E-06	0.000918	2.78E-08	1.01E-03	7.88E-05	3.19E-06	0.001749	2.87E-08	0.001831
1016	490786.72	3861235.12	0.03889	0.03868	0.03446	0.04457	7.31E-05	3.4E-06	0.00075	5E-08	0.00082	8.96E-05	4.15819E-06	0.000922	2.79E-08	1.02E-03	7.9E-05	3.2E-06	0.001755	2.88E-08	0.001837
1017	490836.72	3861235.12	0.03894	0.03877	0.03455	0.04471	7.32E-05	3.4E-06	0.00075	5E-08	0.00083	8.97E-05	4.16786E-06	0.000924	2.8E-08	1.02E-03	7.91E-05	3.21E-06	0.00176	2.89E-08	0.001842
1018	490086.72	3861285.12	0.03752	0.03665	0.03351	0.04292	7.05E-05	3.2E-06	0.00073	4.8E-08	0.0008	8.64E-05	3.93996E-06	0.000896	2.68E-08	9.87E-04	7.62E-05	3.03E-06	0.001707	2.77E-08	0.001786
1019	490136.72	3861285.12	0.03762	0.03677	0.03356	0.04299	7.07E-05	3.2E-06	0.00073	4.8E-08	0.0008	8.66E-05	3.95286E-06	0.000898	2.69E-08	9.88E-04	7.64E-05	3.04E-06	0.001709	2.78E-08	0.001789
1020	490186.72	3861285.12	0.0376	0.03678	0.0335	0.04298	7.07E-05	3.2E-06	0.00073	4.8E-08	0.0008	8.66E-05	3.95393E-06	0.000896	2.69E-08	9.87E-04	7.63E-05	3.04E-06	0.001706	2.78E-08	0.001786
1021	490236.72	3861285.12	0.03762	0.03684	0.03347	0.04299	7.07E-05	3.2E-06	0.00073	4.8E-08	0.0008	8.66E-05	3.96038E-06	0.000895	2.69E-08	9.86E-04	7.64E-05	3.05E-06	0.001705	2.78E-08	0.001784
1022	490386.72	3861285.12	0.03769	0.03708	0.03341	0.04306	7.08E-05	3.3E-06	0.00073	4.8E-08	0.0008	8.68E-05	3.98618E-06	0.000894	2.69E-08	9.84E-04	7.65E-05	3.07E-06	0.001702	2.78E-08	0.001781
1023	490436.72	3861285.12	0.03775	0.03719	0.03343	0.04311	7.09E-05	3.3E-06	0.00073	4.8E-08	0.0008	8.69E-05	3.99801E-06	0.000894	2.7E-08	9.85E-04	7.66E-05	3.08E-06	0.001703	2.78E-08	0.001782
1024	490486.72	3861285.12	0.03775	0.03725	0.03342	0.04312	7.09E-05	3.3E-06	0.00073	4.8E-08	0.0008	8.69E-05	4.00446E-06	0.000894	2.7E-08	9.85E-04	7.66E-05	3.08E-06	0.001702	2.79E-08	0.001782
1025	490536.72	3861285.12	0.0378	0.03735	0.03345	0.04317	7.10E-05	3.3E-06	0.00073	4.8E-08	0.0008	8.70E-05	4.01521E-06	0.000895	2.7E-08	9.86E-04	7.67E-05	3.09E-06	0.001704	2.79E-08	0.001783
1026	490586.72	3861285.12	0.03787	0.03747	0.03351	0.04324	7.12E-05	3.3E-06	0.00073	4.8E-08	0.0008	8.72E-05	4.02811E-06	0.000896	2.7E-08	9.88E-04	7.69E-05	3.1E-06	0.001707	2.79E-08	0.001787
1027	490636.72	3861285.12	0.03784	0.03748	0.03349	0.04323	7.11E-05	3.3E-06	0.00073	4.8E-08	0.0008	8.71E-05	4.02918E-06	0.000896	2.7E-08	9.87E-04	7.68E-05	3.1E-06	0.001706	2.79E-08	0.001786
1028	490686.72	3861285.12	0.03788	0.03756	0.03354	0.04329	7.12E-05	3.3E-06	0.00073	4.8E-08	0.0008	8.72E-05	4.03778E-06	0.000897	2.71E-08	9.88E-04	7.69E-05	3.11E-06	0.001708	2.8E-08	0.001788
1029	490736.72	3861285.12	0.03801	0.03774	0.03368	0.04344	7.14E-05	3.3E-06	0.00073	4.9E-08	0.00081	8.75E-05	4.05713E-06	0.000901	2.72E-08	9.92E-04	7.72E-05	3.12E-06	0.001715	2.81E-08	0.001796
1030	490786.72	3861285.12	0.03805	0.03783	0.03375	0.04353	7.15E-05	3.3E-06	0.00073	4.9E-08	0.00081	8.76E-05	4.06681E-06	0.000903	2.72E-08	9.94E-04	7.73E-05	3.13E-06	0.001719	2.81E-08	0.001799
1031	490836.72	3861285.12	0.03806	0.03788	0.03381	0.04363	7.15E-05	3.3E-06	0.00073	4.9E-08	0.00081	8.76E-05	4.07218E-06	0.000904	2.73E-08	9.96E-04	7.73E-05	3.13E-06	0.001722	2.82E-08	0.001802
1032	490061.24	3859716.13	0.08607	0.0805	0.06551	0.09711	1.62E-04	7.1E-06	0.00142	1.1E-07	0.00159	1.98E-04	8.65393E-06	0.001752	6.07E-08	1.96E-03	0.000175	6.66E-06	0.003336	6.27E-08	0.003518
1033	490111.24	3859716.13	0.08571	0.07996	0.06502	0.09624	1.61E-04	7E-06	0.00141	1.1E-07	0.00158	1.97E-04	8.59588E-06	0.001739	6.02E-08	1.95E-03	0.000174	6.61E-06	0.003312	6.22E-08	0.003492

1034	490161.24	3859716.13	0.08539	0.07938	0.06449	0.09539	1.60E-04	7E-06	0.0014	1.1E-07	0.00157	1.97E-04	8.53353E-06	0.001725	5.97E-08	1.93E-03	0.000173	6.56E-06	0.003285	6.16E-08	0.003465
1035	490211.24	3859716.13	0.08509	0.07875	0.06392	0.09458	1.60E-04	6.9E-06	0.00139	1.1E-07	0.00156	1.96E-04	8.4658E-06	0.00171	5.92E-08	1.91E-03	0.000173	6.51E-06	0.003255	6.11E-08	0.003435
1036	490061.24	3859766.13	0.0833	0.07875	0.06442	0.09495	1.57E-04	6.9E-06	0.0014	1.1E-07	0.00156	1.92E-04	8.4658E-06	0.001723	5.94E-08	1.92E-03	0.000169	6.51E-06	0.003281	6.13E-08	0.003457
1037	490111.24	3859766.13	0.08279	0.07817	0.06392	0.0941	1.56E-04	6.9E-06	0.00139	1.1E-07	0.00155	1.91E-04	8.40345E-06	0.00171	5.89E-08	1.91E-03	0.000168	6.46E-06	0.003255	6.08E-08	0.00343
1038	490161.24	3859766.13	0.08232	0.07755	0.06338	0.09324	1.55E-04	6.8E-06	0.00138	1E-07	0.00154	1.90E-04	8.3368E-06	0.001695	5.83E-08	1.89E-03	0.000167	6.41E-06	0.003228	6.02E-08	0.003402
1039	490211.24	3859766.13	0.08198	0.07699	0.06287	0.09241	1.54E-04	6.8E-06	0.00137	1E-07	0.00153	1.89E-04	8.2766E-06	0.001682	5.78E-08	1.88E-03	0.000166	6.37E-06	0.003202	5.97E-08	0.003375
1040	490061.24	3859816.13	0.0808	0.07696	0.06327	0.0928	1.52E-04	6.8E-06	0.00137	1E-07	0.00153	1.86E-04	8.27337E-06	0.001692	5.8E-08	1.89E-03	0.000164	6.36E-06	0.003222	5.99E-08	0.003393
1041	490111.24	3859816.13	0.08021	0.0764	0.0628	0.09203	1.51E-04	6.7E-06	0.00136	1E-07	0.00152	1.85E-04	8.21317E-06	0.00168	5.76E-08	1.87E-03	0.000163	6.32E-06	0.003198	5.94E-08	0.003368
1042	490161.24	3859816.13	0.07969	0.07585	0.06232	0.09122	1.50E-04	6.7E-06	0.00135	1E-07	0.00151	1.84E-04	8.15404E-06	0.001667	5.71E-08	1.86E-03	0.000162	6.27E-06	0.003174	5.89E-08	0.003342
1043	490211.24	3859816.13	0.07924	0.07529	0.06182	0.0904	1.49E-04	6.6E-06	0.00134	1E-07	0.0015	1.82E-04	8.09384E-06	0.001653	5.65E-08	1.84E-03	0.000161	6.23E-06	0.003149	5.84E-08	0.003316
1044	490061.24	3859866.13	0.0785	0.07515	0.06207	0.09064	1.48E-04	6.6E-06	0.00135	1E-07	0.0015	1.81E-04	8.07879E-06	0.00166	5.67E-08	1.85E-03	0.000159	6.21E-06	0.003161	5.86E-08	0.003327
1045	490111.24	3859866.13	0.07793	0.0747	0.06169	0.09	1.46E-04	6.6E-06	0.00134	1E-07	0.00149	1.79E-04	8.03042E-06	0.00165	5.63E-08	1.84E-03	0.000158	6.18E-06	0.003142	5.81E-08	0.003306
1046	490161.24	3859866.13	0.0774	0.07423	0.06129	0.08928	1.45E-04	6.5E-06	0.00133	1E-07	0.00148	1.78E-04	7.97989E-06	0.001639	5.58E-08	1.83E-03	0.000157	6.14E-06	0.003122	5.77E-08	0.003285
1047	490211.24	3859866.13	0.07691	0.07373	0.06085	0.08851	1.45E-04	6.5E-06	0.00132	9.9E-08	0.00147	1.77E-04	7.92614E-06	0.001627	5.54E-08	1.81E-03	0.000156	6.1E-06	0.003099	5.72E-08	0.003261
1048	490061.24	3859916.13	0.07631	0.07332	0.06083	0.08843	1.43E-04	6.4E-06	0.00132	9.9E-08	0.00147	1.76E-04	7.88206E-06	0.001627	5.53E-08	1.81E-03	0.000155	6.06E-06	0.003098	5.71E-08	0.003259
1049	490111.24	3859916.13	0.07582	0.073	0.06055	0.08795	1.42E-04	6.4E-06	0.00131	9.8E-08	0.00146	1.75E-04	7.84766E-06	0.001619	5.5E-08	1.80E-03	0.000154	6.04E-06	0.003084	5.68E-08	0.003244
1050	490161.24	3859916.13	0.07528	0.07259	0.06021	0.08735	1.41E-04	6.4E-06	0.00131	9.8E-08	0.00146	1.73E-04	7.80359E-06	0.00161	5.46E-08	1.79E-03	0.000153	6E-06	0.003067	5.64E-08	0.003225
1051	490211.24	3859916.13	0.07475	0.07212	0.0598	0.08666	1.40E-04	6.3E-06	0.0013	9.7E-08	0.00145	1.72E-04	7.75306E-06	0.001599	5.42E-08	1.78E-03	0.000152	5.96E-06	0.003046	5.6E-08	0.003203
1052	490229.25	3859815.26	0.07918	0.07517	0.0617	0.09015	1.49E-04	6.6E-06	0.00134	1E-07	0.0015	1.82E-04	8.08094E-06	0.00165	5.64E-08	1.84E-03	0.000161	6.22E-06	0.003142	5.82E-08	0.003309
1053	490279.25	3859815.26	0.07881	0.07459	0.06117	0.08934	1.48E-04	6.5E-06	0.00133	1E-07	0.00148	1.81E-04	8.01859E-06	0.001636	5.59E-08	1.83E-03	0.00016	6.17E-06	0.003115	5.77E-08	0.003282
1054	490329.25	3859815.26	0.07849	0.07403	0.06065	0.08859	1.47E-04	6.5E-06	0.00132	9.9E-08	0.00147	1.81E-04	7.95839E-06	0.001622	5.54E-08	1.81E-03	0.000159	6.12E-06	0.003089	5.72E-08	0.003254
1055	490379.25	3859815.26	0.07838	0.07366	0.06026	0.08794	1.47E-04	6.5E-06	0.00131	9.8E-08	0.00146	1.80E-04	7.91862E-06	0.001612	5.5E-08	1.80E-03	0.000159	6.09E-06	0.003069	5.68E-08	0.003234
1056	490429.25	3859815.26	0.07841	0.07345	0.05997	0.08741	1.47E-04	6.4E-06	0.0013	9.8E-08	0.00146	1.81E-04	7.89604E-06	0.001604	5.47E-08	1.79E-03	0.000159	6.07E-06	0.003054	5.65E-08	0.00322
1057	490229.25	3859865.26	0.07678	0.07357	0.0607	0.08826	1.44E-04	6.5E-06	0.00132	9.9E-08	0.00147	1.77E-04	7.90894E-06	0.001623	5.52E-08	1.81E-03	0.000156	6.08E-06	0.003091	5.7E-08	0.003254
1058	490279.25	3859865.26	0.07633	0.07302	0.06021	0.08746	1.43E-04	6.4E-06	0.00131	9.8E-08	0.00146	1.76E-04	7.84981E-06	0.00161	5.47E-08	1.79E-03	0.000155	6.04E-06	0.003067	5.65E-08	0.003228
1059	490329.25	3859865.26	0.07594	0.07246	0.0597	0.08668	1.43E-04	6.4E-06	0.0013	9.7E-08	0.00145	1.75E-04	7.78961E-06	0.001597	5.42E-08	1.78E-03	0.000154	5.99E-06	0.003041	5.6E-08	0.003201
1060	490379.25	3859865.26	0.07568	0.072	0.05926	0.08596	1.42E-04	6.3E-06	0.00129	9.6E-08	0.00144	1.74E-04	7.74016E-06	0.001585	5.38E-08	1.77E-03	0.000154	5.95E-06	0.003018	5.55E-08	0.003178
1061	490429.25	3859865.26	0.07551	0.07161	0.05885	0.08531	1.42E-04	6.3E-06	0.00128	9.5E-08	0.00143	1.74E-04	7.69824E-06	0.001574	5.34E-08	1.76E-03	0.000153	5.92E-06	0.002997	5.51E-08	0.003157
1062	490229.25	3859915.26	0.07462	0.07199	0.05968	0.08644	1.40E-04	6.3E-06	0.0013	9.7E-08	0.00144	1.72E-04	7.73909E-06	0.001596	5.41E-08	1.78E-03	0.000152	5.95E-06	0.00304	5.58E-08	0.003197
1063	490279.25	3859915.26	0.07409	0.07144	0.0592	0.08567	1.39E-04	6.3E-06	0.00129	9.6E-08	0.00143	1.71E-04	7.67996E-06	0.001583	5.36E-08	1.76E-03	0.00015	5.91E-06	0.003015	5.53E-08	0.003171
1064	490329.25	3859915.26	0.07366	0.07093	0.05874	0.0849	1.38E-04	6.2E-06	0.00128	9.5E-08	0.00142	1.70E-04	7.62513E-06	0.001571	5.31E-08	1.75E-03	0.00015	5.87E-06	0.002992	5.48E-08	0.003147
1065	490379.25	3859915.26	0.07331	0.07045	0.0583	0.08415	1.38E-04	6.2E-06	0.00127	9.4E-08	0.00141	1.69E-04	7.57353E-06	0.001559	5.26E-08	1.74E-03	0.000149	5.83E-06	0.002969	5.44E-08	0.003124
1066	490429.25	3859915.26	0.073	0.06997	0.05785	0.08344	1.37E-04	6.1E-06	0.00126	9.3E-08	0.0014	1.68E-04	7.52193E-06	0.001547	5.22E-08	1.72E-03	0.000148	5.79E-06	0.002946	5.39E-08	0.0031
1067	490451.43	3859872.59	0.07504	0.07117	0.05851	0.08475	1.41E-04	6.2E-06	0.00127	9.5E-08	0.00142	1.73E-04	7.65093E-06	0.001565	5.3E-08	1.75E-03	0.000152	5.89E-06	0.00298	5.47E-08	0.003138
1068	490501.43	3859872.59	0.07503	0.07094	0.05822	0.08424	1.41E-04	6.2E-06	0.00126	9.4E-08	0.00141	1.73E-04	7.62621E-06	0.001557	5.27E-08	1.74E-03	0.000152	5.87E-06	0.002965	5.44E-08	0.003123
1069	490551.43	3859872.59	0.0752	0.07092	0.05807	0.08384	1.41E-04	6.2E-06	0.00126	9.4E-08	0.00141	1.73E-04	7.62406E-06	0.001553	5.24E-08	1.73E-03	0.000153	5.86E-06	0.002958	5.42E-08	0.003116
1070	490601.43	3859872.59	0.07536	0.07092	0.05792	0.08351	1.42E-04	6.2E-06	0.00126	9.3E-08	0.00141	1.74E-04	7.62406E-06	0.001549	5.22E-08	1.73E-03	0.000153	5.86E-06	0.00295	5.39E-08	0.003109
1071	490451.43	3859922.59	0.07255	0.06955	0.05752	0.08288	1.36E-04	6.1E-06	0.00125	9.3E-08	0.00139	1.67E-04	7.47678E-06	0.001538	5.18E-08	1.71E-03	0.000147	5.75E-06	0.00293	5.35E-08	0.003083
1072	490501.43	3859922.59	0.07239	0.0692	0.05715	0.08227	1.36E-04	6.1E-06	0.00124	9.2E-08	0.00138	1.67E-04	7.43916E-06	0.001529	5.15E-08	1.70E-03	0.000147	5.72E-06	0.002911	5.31E-08	0.003063
1073	490551.43	3859922.59	0.07243	0.06905	0.05692	0.08179	1.36E-04	6.1E-06	0.00124	9.1E-08	0.00138	1.67E-04	7.42303E-06	0.001522	5.12E-08	1.70E-03	0.000147	5.71E-06	0.002899	5.28E-08	0.003052
1074	490601.43	3859922.59	0.07256	0.06901	0.05676	0.08138	1.36E-04	6.1E-06	0.00123	9.1E-08	0.00138	1.67E-04	7.41873E-06	0.001518	5.09E-08	1.69E-03	0.000147	5.71E-06	0.002891	5.26E-08	0.003044
1075	482129.67	3852241.07	0.04257	0.03707	0.03922	0.03077	8.00E-05	3.3E-06	0.00085	3.4E-08	0.00093	9.80E-05	3.98511E-06	0.001049	1.92E-08	1.15E-03	8.64E-05	3.07E-06	0.001997	1.99E-08	0.002087
1076	482029.67	3852291.07	0.04326	0.03829	0.03942	0.03115	8.13E-05	3.4E-06	0.00086	3.5E-08	0.00094	9.96E-05	4.11626E-06	0.001054	1.95E-08	1.16E-03	8.78E-05	3.17E-06	0.002008	2.01E-08	0.002099
1077	482079.67	3852291.07	0.04348	0.03817	0.03973	0.03144	8.17E-05	3.3E-06	0.00086	3.5E-08	0.00095	1.00E-04	4.10336E-06	0.001063	1.97E-08	1.17E-03	8.83E-05	3.16E-06	0.002023	2.03E-08	0.002115
1078	482129.67	3852291.07	0.0436	0.03806	0.03995	0.0315	8.19E-05	3.3E-06	0.00087	3.5E-08	0.00095	1.00E-04	4.09154E-06	0.001068	1.97E-08	1.17E-03	8.85E-05	3.15E-06	0.002035	2.03E-08	0.002126
1079	482179.67	3852291.07	0.04362	0.03799	0.04011	0.03126	8.20E-05	3.3E-06	0.00087	3.5E-08	0.00096	1.00E-04	4.08401E-06	0.001073	1.96E-08	1.18E-03	8.86E-05	3.14E-06	0.002043	2.02E-08	0.002135
1080	482229.67	3852291.07	0.04348	0.03797	0.0402	0.03067	8.17E-05	3.3E-06	0.00087	3.4E-08	0.00096	1.00E-04	4.08186E-06	0.001075	1.92E-08	1.18E-03	8.83E-05	3.14E-06	0.002047	1.98E-08	0.002139
1081	482029.67	3852341.07	0.04399	0.03915	0.03976	0.03137	8.27E-05	3.4E-06	0.00086	3.5E-08	0.00095	1.01E-04	4.20871E-06	0.001063	1.96E-08	1.17E-03	8.93E-05	3.24E-06	0.002025	2.03E-08	0.002118
1082	482079.67	3852341.07	0.04433	0.03913	0.04023	0.03183	8.33E-05	3.4E-06	0.00087	3.6E-08	0.00096	1.02E-04	4.20656E-06	0.001076	1.99E-08	1.18E-03	9E-05	3.24E-06	0.002049	2.06E-08	0.002142
1083	482129.67	3852341.07	0.04454	0.03902	0.04056	0.03211	8.37E-05	3.4E-06	0.00088	3.6E-08	0.00097	1.03E-04	4.19474E-06	0.001085	2.01E-08	1.19E-03	9.04E-05	3.23E-06	0.002066	2.07E-08	0.002159
1084	482179.67	3852341.07	0.0447	0.03895	0.04081	0.03212	8.40E-05	3.4E-06	0.00089	3.6E-08	0.00097	1.03E-04	4.18721E-06	0.001091	2.01E-08	1.20E-03	9.08E-05	3.22E-06	0.002078	2.07E-08	0.002172
1085	482259.06	3852400.14	0.04573	0.03958	0.04163	0.03323	8.59E-05	3.5E-06	0.0009	3.7E-08	0.00099	1.05E-04	4.25494E-06	0.001113	2.08E-08	1.22E-03	9.28E-05	3.27E-06	0.00212	2.15E-08	0.002216
1086	482309.06	3852400.14	0.04596	0.03982	0.04197	0.03264	8.64E-05	3.5E-06	0.00091	3.6E-08	0.001	1.06E-04	4.28074E-06	0.001123	2.04E-08	1.23E-03	9.33E-05	3.29E-06	0.002138	2.11E-08	0.002234
1087	482209.06	3852450.14	0.04663	0.04073	0.04204	0.03367	8.76E-05	3.6E-06	0.00091	3.8E-08	0.001	1.07E-04	4.37857E-06	0.001124	2.11E-08	1.24E-03	9.47E-05	3.37E-06	0.002141	2.17E-08	0.002239
1088	482259.06	3852450.14	0.04683	0.04067	0.04237	0.03389	8.80E-05	3.6E-06	0.00092	3.8E-08	0.00101	1.08E-04	4.37212E-06	0.001133	2.12E-08	1.25E-03	9.51E-05	3.36E-06	0.002158	2.19E-08	0.002256
1089	482309.06	3852450.14	0.04714	0.04081	0.04276	0.03366	8.86E-05	3.6E-06	0.00093	3.8E-08	0.00102	1.09E-04	4.38717E-06	0.001144	2.11E-08	1.26E-03	9.57E-05	3.37E-06	0.002178	2.17E-08	0.002277
1090	482209.06	3852500.14	0.04763	0.04181	0.04256	0.03391	8.95E-05	3.7E-06	0.00092	3.8E-08	0.00102	1.10E-04	4.49467E-06	0.001138	2.12E-08	1.25E-03	9.67E-05	3.46E-06	0.002168	2.19E-08	0.002268
1091	482259.06	3852500.14	0.04794	0.04181	0.04305	0.03434	9.01E-05	3.7E-06	0.00093	3.8E-08	0.00103	1.10E-04	4.49467E-06	0.001151	2.15E-08	1.27E-03	9.73E-05	3.46E-06	0.002193	2.22E-08	0.002293
1092	482309.06	3852500.14	0.04823	0.04186	0.04347	0.03447	9.06E-05	3.7E-06	0.00094	3.9E-08	0.00104	1.11E-04	4.50004E-06	0.001163	2.16E-08	1.28E-03	9.79E-05	3.46E-06	0.002214	2.23E-08	0.002315
1093	482283.91	3852513.62	0.04835	0.04209	0.04342	0.03459	9.09E-05	3.7E-06	0.00094	3.9E-08	0.00104	1.11E-04	4.52477E-06	0.001161	2.16E-08	1.28E-03	9.82E-05	3.48E-06	0.002211	2.23E-08	0.002313
1094	482333.91	3852513.62	0.04858	0.04208	0.04377	0.03469	9.13E-05	3.7E-06	0.00095	3.9E-08	0.00105	1.12E-04	4.52369E-06	0.001171	2.17E-08	1.29E-03	9.86E-05	3.48E-06	0.002229	2.24E-08	0.002331

1095	482283.91	3852563.62	0.04934	0.04311	0.0439	0.03497	9.27E-05	3.8E-06	0.00095	3.9E-08	0.00105	1.14E-04	4.63442E-06	0.001174	2.19E-08	1.29E-03	0.0001	3.57E-06	0.002236	2.26E-08	0.00234
1096	482333.91	3852563.62	0.04958	0.04305	0.04434	0.03538	9.32E-05	3.8E-06	0.00096	4E-08	0.00106	1.14E-04	4.62797E-06	0.001186	2.21E-08	1.30E-03	0.000101	3.56E-06	0.002258	2.29E-08	0.002363
1097	482383.91	3852563.62	0.04975	0.04294	0.04463	0.03556	9.35E-05	3.8E-06	0.00097	4E-08	0.00107	1.15E-04	4.61615E-06	0.001194	2.22E-08	1.31E-03	0.000101	3.55E-06	0.002273	2.3E-08	0.002378
1098	482283.91	3852613.62	0.05058	0.04441	0.04447	0.03504	9.51E-05	3.9E-06	0.00097	3.9E-08	0.00106	1.16E-04	4.77417E-06	0.001189	2.19E-08	1.31E-03	0.000103	3.67E-06	0.002265	2.26E-08	0.002371
1099	482333.91	3852613.62	0.05075	0.04423	0.04494	0.03572	9.54E-05	3.9E-06	0.00098	4E-08	0.00108	1.17E-04	4.75482E-06	0.001202	2.23E-08	1.32E-03	0.000103	3.66E-06	0.002289	2.31E-08	0.002396
1100	482383.91	3852613.62	0.05088	0.04404	0.04529	0.03619	9.56E-05	3.9E-06	0.00098	4E-08	0.00108	1.17E-04	4.7344E-06	0.001211	2.26E-08	1.33E-03	0.000103	3.64E-06	0.002307	2.34E-08	0.002414
1101	482602.38	3852600.87	0.05196	0.04393	0.04587	0.03418	9.76E-05	3.9E-06	0.001	3.8E-08	0.0011	1.20E-04	4.72257E-06	0.001227	2.14E-08	1.35E-03	0.000105	3.63E-06	0.002336	2.21E-08	0.002445
1102	482652.38	3852600.87	0.05205	0.04389	0.04572	0.03339	9.78E-05	3.9E-06	0.00099	3.7E-08	0.00109	1.20E-04	4.71827E-06	0.001223	2.09E-08	1.35E-03	0.000106	3.63E-06	0.002329	2.16E-08	0.002438
1103	482702.38	3852600.87	0.05172	0.04408	0.04565	0.03178	9.72E-05	3.9E-06	0.00099	3.6E-08	0.00109	1.19E-04	4.7387E-06	0.001221	1.99E-08	1.34E-03	0.000105	3.65E-06	0.002325	2.05E-08	0.002434
1104	482552.38	3852650.87	0.05324	0.04506	0.04693	0.03637	1.00E-04	4E-06	0.00102	4.1E-08	0.00112	1.23E-04	4.84405E-06	0.001255	2.27E-08	1.38E-03	0.000108	3.73E-06	0.00239	2.35E-08	0.002502
1105	482602.38	3852650.87	0.05353	0.04506	0.04697	0.0358	1.01E-04	4E-06	0.00102	4E-08	0.00112	1.23E-04	4.84405E-06	0.001256	2.24E-08	1.38E-03	0.000109	3.73E-06	0.002392	2.31E-08	0.002505
1106	482652.38	3852650.87	0.05375	0.04498	0.04686	0.03517	1.01E-04	3.9E-06	0.00102	3.9E-08	0.00112	1.24E-04	4.83545E-06	0.001253	2.2E-08	1.38E-03	0.000109	3.72E-06	0.002387	2.27E-08	0.002499
1107	482702.38	3852650.87	0.05384	0.04491	0.04668	0.03439	1.01E-04	3.9E-06	0.00101	3.8E-08	0.00112	1.24E-04	4.82793E-06	0.001248	2.15E-08	1.38E-03	0.000109	3.71E-06	0.002377	2.22E-08	0.00249
1108	482552.38	3852700.87	0.05465	0.04635	0.04794	0.03749	1.03E-04	4.1E-06	0.00104	4.2E-08	0.00115	1.26E-04	4.98273E-06	0.001282	2.34E-08	1.41E-03	0.000111	3.83E-06	0.002442	2.42E-08	0.002556
1109	482602.38	3852700.87	0.05504	0.04617	0.04798	0.03729	1.03E-04	4.1E-06	0.00104	4.2E-08	0.00115	1.27E-04	4.96338E-06	0.001283	2.33E-08	1.41E-03	0.000112	3.82E-06	0.002444	2.41E-08	0.002559
1110	482652.38	3852700.87	0.05517	0.04575	0.04771	0.03715	1.04E-04	4E-06	0.00104	4.2E-08	0.00114	1.27E-04	4.91823E-06	0.001276	2.32E-08	1.41E-03	0.000112	3.78E-06	0.00243	2.4E-08	0.002546
1111	482702.38	3852700.87	0.05555	0.04583	0.0477	0.03642	1.04E-04	4E-06	0.00104	4.1E-08	0.00114	1.28E-04	4.92683E-06	0.001276	2.28E-08	1.41E-03	0.000113	3.79E-06	0.002429	2.35E-08	0.002546
1112	482452.38	3852750.87	0.05509	0.04776	0.0479	0.03768	1.04E-04	4.2E-06	0.00104	4.2E-08	0.00115	1.27E-04	5.13431E-06	0.001281	2.36E-08	1.41E-03	0.000112	3.95E-06	0.00244	2.43E-08	0.002555
1113	482521.29	3852749.74	0.05563	0.04762	0.04857	0.03832	1.05E-04	4.2E-06	0.00105	4.3E-08	0.00116	1.28E-04	5.11926E-06	0.001299	2.4E-08	1.43E-03	0.000113	3.94E-06	0.002474	2.48E-08	0.002591
1114	482571.29	3852749.74	0.05613	0.04748	0.04885	0.03848	1.05E-04	4.2E-06	0.00106	4.3E-08	0.00117	1.29E-04	5.10421E-06	0.001307	2.41E-08	1.44E-03	0.000114	3.93E-06	0.002488	2.49E-08	0.002606
1115	482521.29	3852799.74	0.05698	0.04894	0.04924	0.03881	1.07E-04	4.3E-06	0.00107	4.3E-08	0.00118	1.31E-04	5.26116E-06	0.001317	2.43E-08	1.45E-03	0.000116	4.05E-06	0.002508	2.51E-08	0.002628
1116	482571.29	3852799.74	0.05751	0.04879	0.04966	0.03926	1.08E-04	4.3E-06	0.00108	4.4E-08	0.00119	1.32E-04	5.24503E-06	0.001328	2.46E-08	1.47E-03	0.000117	4.03E-06	0.002529	2.54E-08	0.00265
1117	482621.29	3852799.74	0.05814	0.04867	0.04996	0.03943	1.09E-04	4.3E-06	0.00108	4.4E-08	0.0012	1.34E-04	5.23213E-06	0.001336	2.47E-08	1.48E-03	0.000118	4.02E-06	0.002544	2.55E-08	0.002667
1118	482571.29	3852849.74	0.05913	0.05039	0.05053	0.0397	1.11E-04	4.4E-06	0.0011	4.4E-08	0.00121	1.36E-04	5.41704E-06	0.001351	2.48E-08	1.49E-03	0.00012	4.17E-06	0.002574	2.56E-08	0.002698
1119	482621.29	3852849.74	0.05992	0.05034	0.05104	0.04011	1.13E-04	4.4E-06	0.00111	4.5E-08	0.00123	1.38E-04	5.41166E-06	0.001365	2.51E-08	1.51E-03	0.000122	4.16E-06	0.002599	2.59E-08	0.002725
1120	482577.42	3852901.55	0.06109	0.05222	0.05144	0.03997	1.15E-04	4.6E-06	0.00112	4.5E-08	0.00124	1.41E-04	5.61377E-06	0.001376	2.5E-08	1.52E-03	0.000124	4.32E-06	0.00262	2.58E-08	0.002748
1121	482627.42	3852901.55	0.062	0.05223	0.05216	0.04062	1.17E-04	4.6E-06	0.00113	4.5E-08	0.00125	1.43E-04	5.61484E-06	0.001395	2.54E-08	1.54E-03	0.000126	4.32E-06	0.002657	2.62E-08	0.002787
1122	482629.96	3852955.85	0.06408	0.05414	0.05304	0.04093	1.20E-04	4.7E-06	0.00115	4.6E-08	0.00128	1.48E-04	5.82017E-06	0.001419	2.56E-08	1.57E-03	0.00013	4.48E-06	0.002701	2.64E-08	0.002836
1123	482679.96	3852955.85	0.06514	0.0541	0.05375	0.04161	1.22E-04	4.7E-06	0.00117	4.6E-08	0.00129	1.50E-04	5.81587E-06	0.001438	2.6E-08	1.59E-03	0.000132	4.47E-06	0.002738	2.69E-08	0.002874
1124	482781.63	3853034.48	0.07088	0.0572	0.05663	0.04321	1.33E-04	5E-06	0.00123	4.8E-08	0.00137	1.63E-04	6.14913E-06	0.001515	2.7E-08	1.68E-03	0.000144	4.73E-06	0.002884	2.79E-08	0.003033
1125	482831.63	3853034.48	0.07128	0.05719	0.05712	0.04331	1.34E-04	5E-06	0.00124	4.8E-08	0.00138	1.64E-04	6.14805E-06	0.001528	2.71E-08	1.70E-03	0.000145	4.73E-06	0.002909	2.8E-08	0.003059
1126	482881.63	3853034.48	0.07129	0.05713	0.05737	0.0431	1.34E-04	5E-06	0.00125	4.8E-08	0.00138	1.64E-04	6.1416E-06	0.001534	2.7E-08	1.70E-03	0.000145	4.72E-06	0.002922	2.78E-08	0.003071
1127	482781.63	3853084.48	0.07369	0.05924	0.05764	0.04374	1.38E-04	5.2E-06	0.00125	4.9E-08	0.0014	1.70E-04	6.36843E-06	0.001542	2.74E-08	1.72E-03	0.00015	4.9E-06	0.002936	2.83E-08	0.00309
1128	482831.63	3853084.48	0.07427	0.05928	0.05837	0.04417	1.40E-04	5.2E-06	0.00127	4.9E-08	0.00141	1.71E-04	6.37273E-06	0.001561	2.76E-08	1.74E-03	0.000151	4.9E-06	0.002973	2.85E-08	0.003129
1129	482881.63	3853084.48	0.07434	0.0592	0.0588	0.0443	1.40E-04	5.2E-06	0.00128	4.9E-08	0.00142	1.71E-04	6.36413E-06	0.001573	2.77E-08	1.75E-03	0.000151	4.9E-06	0.002995	2.86E-08	0.003151
1130	482781.63	3853134.48	0.07668	0.06127	0.05841	0.04399	1.44E-04	5.4E-06	0.00127	4.9E-08	0.00142	1.77E-04	6.58666E-06	0.001562	2.75E-08	1.75E-03	0.000156	5.07E-06	0.002975	2.84E-08	0.003136
1131	482831.63	3853134.48	0.07742	0.06134	0.05937	0.04482	1.45E-04	5.4E-06	0.00129	5E-08	0.00144	1.78E-04	6.59419E-06	0.001588	2.8E-08	1.77E-03	0.000157	5.07E-06	0.003024	2.9E-08	0.003186
1132	482881.63	3853134.48	0.07751	0.06118	0.05998	0.04538	1.46E-04	5.4E-06	0.0013	5.1E-08	0.00145	1.78E-04	6.57699E-06	0.001604	2.84E-08	1.79E-03	0.000157	5.06E-06	0.003055	2.93E-08	0.003217
1133	482831.63	3853184.48	0.08095	0.0635	0.06019	0.04511	1.52E-04	5.6E-06	0.00131	5E-08	0.00146	1.86E-04	6.82639E-06	0.00161	2.82E-08	1.80E-03	0.000164	5.25E-06	0.003066	2.91E-08	0.003235
1134	482881.63	3853184.48	0.0811	0.06336	0.06104	0.04606	1.52E-04	5.6E-06	0.00133	5.1E-08	0.00148	1.87E-04	6.81134E-06	0.001633	2.88E-08	1.83E-03	0.000165	5.24E-06	0.003109	2.98E-08	0.003279
1135	484154.84	3854250.98	0.28547	0.18144	0.14048	0.04414	5.36E-04	1.6E-05	0.00305	4.9E-08	0.0036	6.57E-04	1.95052E-05	0.003757	2.76E-08	4.43E-03	0.00058	1.5E-05	0.007155	2.85E-08	0.007749
1136	484204.84	3854250.98	0.27704	0.17623	0.13714	0.04287	5.21E-04	1.5E-05	0.00298	4.8E-08	0.00351	6.38E-04	1.89451E-05	0.003668	2.68E-08	4.32E-03	0.000562	1.46E-05	0.006985	2.77E-08	0.007562
1137	484154.84	3854300.98	0.29617	0.18866	0.14555	0.04385	5.57E-04	1.7E-05	0.00316	4.9E-08	0.00373	6.82E-04	2.02814E-05	0.003893	2.74E-08	4.60E-03	0.000601	1.56E-05	0.007413	2.83E-08	0.00803
1138	484204.84	3854300.98	0.29151	0.18561	0.14332	0.04331	5.48E-04	1.6E-05	0.00311	4.8E-08	0.00368	6.71E-04	1.99535E-05	0.003833	2.71E-08	4.52E-03	0.000592	1.53E-05	0.007299	2.8E-08	0.007907
1139	484074.19	3854519.8	0.47686	0.32458	0.19278	0.04669	8.96E-04	2.8E-05	0.00419	5.2E-08	0.00511	1.10E-03	3.48931E-05	0.005156	2.92E-08	6.29E-03	0.000968	2.68E-05	0.009818	3.02E-08	0.010813
1140	484124.19	3854519.8	0.4535	0.30111	0.18783	0.04638	8.52E-04	2.6E-05	0.00408	5.2E-08	0.00496	1.04E-03	3.237E-05	0.005024	2.9E-08	6.10E-03	0.000921	2.49E-05	0.009566	3E-08	0.010512
1141	484074.19	3854569.8	0.56873	0.38267	0.20665	0.04793	1.07E-03	3.4E-05	0.00449	5.4E-08	0.00559	1.31E-03	4.11379E-05	0.005527	3E-08	6.88E-03	0.001155	3.16E-05	0.010525	3.1E-08	0.011711
1142	484124.19	3854569.8	0.53112	0.35113	0.19882	0.04706	9.98E-04	3.1E-05	0.00432	5.3E-08	0.00535	1.22E-03	3.77473E-05	0.005318	2.94E-08	6.58E-03	0.001078	2.9E-05	0.010126	3.04E-08	0.011233
1143	485205.11	3855188.89	2.13315	2.45744	2.48124	0.53314	4.01E-03	0.00022	0.05388	6E-07	0.05811	4.91E-03	0.00026418	0.066362	3.33E-07	7.15E-02	0.004331	0.000203	0.126371	3.44E-07	0.130906
1144	485255.11	3855188.89	1.90506	2.24612	2.20951	0.49441	3.58E-03	0.0002	0.04798	5.5E-07	0.05176	4.39E-03	0.000241463	0.059095	3.09E-07	6.37E-02	0.003868	0.000186	0.112532	3.19E-07	0.116586
1145	485205.11	3855238.89	2.36174	2.14789	2.81005	0.75328	4.44E-03	0.00019	0.06102	8.4E-07	0.06565	5.44E-03	0.000230903	0.075157	4.71E-07	8.08E-02	0.004795	0.000178	0.143117	4.87E-07	0.148091
1146	485255.11	3855238.89	2.12744	2.0169	2.53373	0.68604	4.00E-03	0.00018	0.05502	7.7E-07	0.0592	4.90E-03	0.000216821	0.067766	4.29E-07	7.29E-02	0.00432	0.000167	0.129044	4.43E-07	0.133531
1147	485205.11	3855288.89	2.91059	1.93917	3.47997	1.04101	5.47E-03	0.00017	0.07557	1.2E-06	0.08121	6.70E-03	0.000208465	0.093074	6.51E-07	1.00E-01	0.00591	0.00016	0.177237	6.72E-07	0.183308
1148	485255.11	3855288.89	2.51451	1.81915	3.03042	0.93199	4.73E-03	0.00016	0.06581	1E-06	0.07069	5.79E-03	0.000195563	0.081051	5.83E-07	8.70E-02	0.005105	0.00015	0.154341	6.02E-07	0.159597
1149	485255.11	3855338.89	3.03246	1.61358	3.67314	1.23172	5.70E-03	0.00014	0.07977	1.4E-06	0.08561	6.98E-03	0.000173463	0.098241	7.7E-07	1.05E-01	0.006157	0.000133	0.187075	7.96E-07	0.193366
1150	485305.11	3855338.89	2.61541	1.53229	3.1932	1.07896	4.91E-03	0.00013	0.06934	1.2E-06	0.07439	6.02E-03	0.000164725	0.085404	6.75E-07	9.16E-02	0.00531	0.000127	0.162632	6.97E-07	0.168069
1151	485852.5	3855635.28	1.83312	0.61342	2.39075	1.03846	3.44E-03	5.4E-05	0.05192	1.2E-06	0.05542	4.22E-03	6.5944E-05	0.063942	6.49E-07	6.82E-02	0.003722	5.07E-05	0.121762	6.71E-07	0.125536
1152	485902.5	3855635.28	1.6878	0.59715	2.20149	0.96174	3.17E-03	5.2E-05	0.04781	1.1E-06	0.05103	3.89E-03	6.4195E-05	0.05888	6.02E-07	6.28E-02	0.003427	4.94E-05	0.112123	6.21E-07	0.1156
1153	485852.5	3855685.28	2.00783	0.57743	2.62631	1.15085	3.77E-03	5.1E-05	0.05703	1.3E-06	0.06086	4.62E-03	6.2075E-05	0.070242	7.2E-07	7.49E-02	0.004077	4.78E-05	0.133759	7.43E-07	0.137885
1154	485902.5	3855685.28	1.83202	0.55736	2.40209	1.0601	3.44E-03	4.9E-05	0.05216	1.2E-06	0.05566	4.22E-03	5.99174E-05	0.064246	6.63E-07	6.85E-02	0.00372	4.61E-05	0.12234	6.85E-07	0.126106
1155	485852.5	3855735.28	2.2209	0.53621	2.90692	1.27904	4.17E-03	4.7E-05	0.06313	1.4E-06	0.06735	5.11E-03	5.76438E-05	0.077748	8E-07	8.29E-02	0.004509	4.43E-05	0.148051	8.26E-07	0.152606

1156	485902.5	3855735.28	2.02071	0.52828	2.65597	1.17915	3.80E-03	4.6E-05	0.05768	1.3E-06	0.06152	4.65E-03	5.67913E-05	0.071036	7.37E-07	7.57E-02	0.004103	4.37E-05	0.13527	7.62E-07	0.139417
1157	485852.5	3855785.28	2.53434	0.49874	3.2839	1.44201	4.76E-03	4.4E-05	0.07131	1.6E-06	0.07612	5.84E-03	5.36157E-05	0.08783	9.02E-07	9.37E-02	0.005146	4.12E-05	0.167251	9.31E-07	0.172439
1158	485902.5	3855785.28	2.22987	0.49296	2.92867	1.30266	4.19E-03	4.3E-05	0.0636	1.5E-06	0.06783	5.13E-03	5.29943E-05	0.078329	8.15E-07	8.35E-02	0.004527	4.08E-05	0.149159	8.41E-07	0.153728
1159	486809.46	3856465.28	1.98282	0.30922	2.67941	1.20597	3.73E-03	2.7E-05	0.05819	1.3E-06	0.06194	4.57E-03	3.32418E-05	0.071663	7.54E-07	7.63E-02	0.004026	2.56E-05	0.136464	7.79E-07	0.140516
1160	486859.46	3856465.28	1.85555	0.30891	2.51055	1.15658	3.49E-03	2.7E-05	0.05452	1.3E-06	0.05803	4.27E-03	3.32085E-05	0.067146	7.23E-07	7.15E-02	0.003767	2.55E-05	0.127864	7.47E-07	0.131658
1161	486909.46	3856465.28	1.74426	0.30924	2.36129	1.10957	3.28E-03	2.7E-05	0.05128	1.2E-06	0.05458	4.02E-03	3.3244E-05	0.063154	6.94E-07	6.72E-02	0.003542	2.56E-05	0.120262	7.17E-07	0.12383
1162	486809.46	3856515.28	2.17117	0.32229	2.92531	1.29673	4.08E-03	2.8E-05	0.06353	1.4E-06	0.06764	5.00E-03	3.46469E-05	0.078239	8.11E-07	8.33E-02	0.004408	2.67E-05	0.148988	8.38E-07	0.153423
1163	486859.46	3856515.28	2.014	0.32146	2.72094	1.24187	3.78E-03	2.8E-05	0.05909	1.4E-06	0.0629	4.64E-03	3.45577E-05	0.072773	7.77E-07	7.74E-02	0.004089	2.66E-05	0.138579	8.02E-07	0.142696
1164	486909.46	3856515.28	1.88132	0.32139	2.54474	1.19023	3.54E-03	2.8E-05	0.05526	1.3E-06	0.05883	4.33E-03	3.45501E-05	0.068061	7.44E-07	7.24E-02	0.00382	2.66E-05	0.129605	7.69E-07	0.133452
1165	486980.94	3856357.95	1.40905	0.29678	1.90543	0.93462	2.65E-03	2.6E-05	0.04138	1E-06	0.04405	3.24E-03	3.19045E-05	0.050962	5.85E-07	5.42E-02	0.002861	2.45E-05	0.097045	6.04E-07	0.099931
1166	487030.94	3856357.95	1.34908	0.29486	1.823	0.90837	2.54E-03	2.6E-05	0.03959	1E-06	0.04215	3.11E-03	3.16981E-05	0.048757	5.68E-07	5.19E-02	0.002739	2.44E-05	0.092846	5.87E-07	0.095611
1167	486980.94	3856407.95	1.49796	0.30166	2.02765	0.99073	2.81E-03	2.6E-05	0.04403	1.1E-06	0.04688	3.45E-03	3.24291E-05	0.054231	6.2E-07	5.77E-02	0.003041	2.49E-05	0.103269	6.4E-07	0.106336
1168	487030.94	3856407.95	1.42847	0.29987	1.93271	0.96021	2.68E-03	2.6E-05	0.04197	1.1E-06	0.04468	3.29E-03	3.22367E-05	0.051692	6.01E-07	5.50E-02	0.0029	2.48E-05	0.098434	6.2E-07	0.10136
1169	487447.18	3856437.45	1.06434	0.27939	1.42807	0.81404	2.00E-03	2.5E-05	0.03101	9.1E-07	0.03304	2.45E-03	3.00351E-05	0.038195	5.09E-07	4.07E-02	0.002161	2.31E-05	0.072732	5.26E-07	0.074917
1170	487497.18	3856437.45	1.02962	0.2812	1.37994	0.79935	1.93E-03	2.5E-05	0.02997	8.9E-07	0.03193	2.37E-03	3.02296E-05	0.036907	5E-07	3.93E-02	0.002091	2.33E-05	0.070281	5.16E-07	0.072395
1171	487547.18	3856437.45	0.99725	0.28445	1.33461	0.78649	1.87E-03	2.5E-05	0.02898	8.8E-07	0.03088	2.30E-03	3.0579E-05	0.035695	4.92E-07	3.80E-02	0.002025	2.35E-05	0.067972	5.08E-07	0.070021
1172	487447.18	3856487.45	1.10693	0.29116	1.48723	0.85416	2.08E-03	2.6E-05	0.0323	9.5E-07	0.0344	2.55E-03	3.13004E-05	0.039777	5.34E-07	4.24E-02	0.002247	2.41E-05	0.075745	5.52E-07	0.078018
1173	487497.18	3856487.45	1.06881	0.29433	1.43465	0.83729	2.01E-03	2.6E-05	0.03115	9.4E-07	0.03319	2.46E-03	3.16411E-05	0.038371	5.24E-07	4.09E-02	0.00217	2.43E-05	0.073068	5.41E-07	0.075263
1174	487547.18	3856487.45	1.03309	0.30282	1.38529	0.8236	1.94E-03	2.7E-05	0.03008	9.2E-07	0.03205	2.38E-03	3.25538E-05	0.037051	5.15E-07	3.95E-02	0.002098	2.5E-05	0.070554	5.32E-07	0.072677
1175	487447.18	3856537.45	1.15086	0.312	1.54952	0.89659	2.16E-03	2.7E-05	0.03365	1E-06	0.03584	2.65E-03	3.35407E-05	0.041443	5.61E-07	4.41E-02	0.002337	2.58E-05	0.078918	5.79E-07	0.081281
1176	487497.18	3856537.45	1.10923	0.31629	1.49195	0.87725	2.08E-03	2.8E-05	0.0324	9.8E-07	0.03451	2.55E-03	3.40019E-05	0.039903	5.49E-07	4.25E-02	0.002252	2.62E-05	0.075986	5.67E-07	0.078265
1177	487547.18	3856537.45	1.07047	0.32145	1.43815	0.86364	2.01E-03	2.8E-05	0.03123	9.6E-07	0.03327	2.47E-03	3.45566E-05	0.038464	5.4E-07	4.10E-02	0.002173	2.66E-05	0.073246	5.58E-07	0.075446
1178	489285.89	3858826.54	0.4017	0.15773	0.10997	0.21162	7.55E-04	1.4E-05	0.00239	2.4E-07	0.00316	9.25E-04	1.69563E-05	0.002941	1.32E-07	3.88E-03	0.000816	1.3E-05	0.005601	1.37E-07	0.00643
1179	489335.89	3858826.54	0.37444	0.15799	0.10945	0.21187	7.04E-04	1.4E-05	0.00238	2.4E-07	0.00309	8.62E-04	1.69843E-05	0.002927	1.33E-07	3.81E-03	0.00076	1.31E-05	0.005574	1.37E-07	0.006348
1180	489385.89	3858826.54	0.35161	0.15864	0.10914	0.21226	6.61E-04	1.4E-05	0.00237	2.4E-07	0.00304	8.10E-04	1.70542E-05	0.002919	1.33E-07	3.75E-03	0.000714	1.31E-05	0.005559	1.37E-07	0.006286
1181	489435.89	3858826.54	0.33252	0.15938	0.10891	0.21278	6.25E-04	1.4E-05	0.00237	2.4E-07	0.003	7.66E-04	1.71337E-05	0.002913	1.33E-07	3.70E-03	0.000675	1.32E-05	0.005547	1.37E-07	0.006235
1182	489485.89	3858826.54	0.3164	0.16024	0.1088	0.21247	5.95E-04	1.4E-05	0.00236	2.4E-07	0.00297	7.29E-04	1.72262E-05	0.00291	1.33E-07	3.66E-03	0.000642	1.33E-05	0.005541	1.37E-07	0.006197
1183	489535.89	3858826.54	0.3025	0.16125	0.10883	0.21294	5.68E-04	1.4E-05	0.00236	2.4E-07	0.00295	6.97E-04	1.73347E-05	0.002911	1.33E-07	3.62E-03	0.000614	1.33E-05	0.005543	1.38E-07	0.00617
1184	489585.89	3858826.54	0.29044	0.16229	0.10898	0.21334	5.46E-04	1.4E-05	0.00237	2.4E-07	0.00293	6.69E-04	1.74465E-05	0.002915	1.33E-07	3.60E-03	0.00059	1.34E-05	0.00555	1.38E-07	0.006154
1185	489635.89	3858826.54	0.2798	0.16343	0.10927	0.21356	5.26E-04	1.4E-05	0.00237	2.4E-07	0.00291	6.44E-04	1.75691E-05	0.002923	1.34E-07	3.58E-03	0.000568	1.35E-05	0.005565	1.38E-07	0.006147
1186	489685.89	3858826.54	0.27023	0.16457	0.10966	0.21361	5.08E-04	1.4E-05	0.00238	2.4E-07	0.0029	6.22E-04	1.76916E-05	0.002933	1.34E-07	3.57E-03	0.000549	1.36E-05	0.005585	1.38E-07	0.006147
1187	489735.89	3858826.54	0.26159	0.16565	0.11014	0.21348	4.92E-04	1.5E-05	0.00239	2.4E-07	0.0029	6.02E-04	1.78077E-05	0.002946	1.34E-07	3.57E-03	0.000531	1.37E-05	0.005609	1.38E-07	0.006154
1188	489785.89	3858826.54	0.25384	0.16651	0.11062	0.21329	4.77E-04	1.5E-05	0.0024	2.4E-07	0.00289	5.85E-04	1.79002E-05	0.002959	1.33E-07	3.56E-03	0.000515	1.38E-05	0.005634	1.38E-07	0.006163
1189	489835.89	3858826.54	0.24675	0.1674	0.11122	0.21281	4.64E-04	1.5E-05	0.00242	2.4E-07	0.00289	5.68E-04	1.79959E-05	0.002975	1.33E-07	3.56E-03	0.000501	1.38E-05	0.005664	1.37E-07	0.006179
1190	489885.89	3858826.54	0.24034	0.16796	0.11175	0.21235	4.52E-04	1.5E-05	0.00243	2.4E-07	0.00289	5.53E-04	1.80561E-05	0.002989	1.33E-07	3.56E-03	0.000488	1.39E-05	0.005691	1.37E-07	0.006193
1191	489935.89	3858826.54	0.23445	0.16842	0.1123	0.21174	4.41E-04	1.5E-05	0.00244	2.4E-07	0.00289	5.40E-04	1.81055E-05	0.003004	1.32E-07	3.56E-03	0.000476	1.39E-05	0.00572	1.37E-07	0.00621
1192	489985.89	3858826.54	0.22901	0.16877	0.11287	0.21097	4.30E-04	1.5E-05	0.00245	2.4E-07	0.0029	5.27E-04	1.81432E-05	0.003019	1.32E-07	3.56E-03	0.000465	1.4E-05	0.005749	1.36E-07	0.006228
1193	490035.89	3858826.54	0.22392	0.16916	0.1135	0.20992	4.21E-04	1.5E-05	0.00246	2.3E-07	0.0029	5.16E-04	1.81851E-05	0.003036	1.31E-07	3.57E-03	0.000455	1.4E-05	0.005781	1.36E-07	0.006249
1194	489285.89	3858876.54	0.36704	0.15017	0.10672	0.19844	6.90E-04	1.3E-05	0.00232	2.2E-07	0.00302	8.45E-04	1.61436E-05	0.002854	1.24E-07	3.72E-03	0.000745	1.24E-05	0.005435	1.28E-07	0.006193
1195	489335.89	3858876.54	0.34413	0.15013	0.1061	0.19827	6.47E-04	1.3E-05	0.0023	2.2E-07	0.00296	7.92E-04	1.61393E-05	0.002838	1.24E-07	3.65E-03	0.000699	1.24E-05	0.005404	1.28E-07	0.006115
1196	489385.89	3858876.54	0.32499	0.15028	0.10557	0.19841	6.11E-04	1.3E-05	0.00229	2.2E-07	0.00292	7.48E-04	1.61554E-05	0.002824	1.24E-07	3.59E-03	0.00066	1.24E-05	0.005377	1.28E-07	0.006049
1197	489435.89	3858876.54	0.30872	0.15066	0.10516	0.19877	5.80E-04	1.3E-05	0.00228	2.2E-07	0.00288	7.11E-04	1.61963E-05	0.002813	1.24E-07	3.54E-03	0.000627	1.25E-05	0.005356	1.28E-07	0.005995
1198	489485.89	3858876.54	0.29467	0.15124	0.10488	0.19926	5.54E-04	1.3E-05	0.00228	2.2E-07	0.00284	6.79E-04	1.62586E-05	0.002805	1.25E-07	3.50E-03	0.000598	1.25E-05	0.005342	1.29E-07	0.005953
1199	489535.89	3858876.54	0.28251	0.15201	0.10474	0.19982	5.31E-04	1.3E-05	0.00227	2.2E-07	0.00282	6.51E-04	1.63414E-05	0.002801	1.25E-07	3.47E-03	0.000574	1.26E-05	0.005334	1.29E-07	0.005921
1200	489585.89	3858876.54	0.27191	0.153	0.10476	0.19951	5.11E-04	1.3E-05	0.00227	2.2E-07	0.0028	6.26E-04	1.64478E-05	0.002802	1.25E-07	3.44E-03	0.000552	1.27E-05	0.005335	1.29E-07	0.0059
1201	489635.89	3858876.54	0.26269	0.15393	0.10483	0.20005	4.94E-04	1.4E-05	0.00228	2.2E-07	0.00278	6.05E-04	1.65478E-05	0.002804	1.25E-07	3.43E-03	0.000533	1.27E-05	0.005339	1.29E-07	0.005885
1202	489685.89	3858876.54	0.25439	0.15499	0.10504	0.20044	4.78E-04	1.4E-05	0.00228	2.2E-07	0.00277	5.86E-04	1.66618E-05	0.002809	1.25E-07	3.41E-03	0.000517	1.28E-05	0.00535	1.29E-07	0.005879
1203	489735.89	3858876.54	0.24686	0.15611	0.10538	0.20065	4.64E-04	1.4E-05	0.00229	2.2E-07	0.00277	5.68E-04	1.67822E-05	0.002818	1.25E-07	3.40E-03	0.000501	1.29E-05	0.005367	1.3E-07	0.005881
1204	489785.89	3858876.54	0.24004	0.15706	0.10573	0.20083	4.51E-04	1.4E-05	0.0023	2.2E-07	0.00276	5.53E-04	1.68843E-05	0.002828	1.26E-07	3.40E-03	0.000487	1.3E-05	0.005385	1.3E-07	0.005885
1205	489835.89	3858876.54	0.23379	0.15805	0.1062	0.20078	4.39E-04	1.4E-05	0.00231	2.2E-07	0.00276	5.38E-04	1.69907E-05	0.00284	1.26E-07	3.40E-03	0.000475	1.31E-05	0.005409	1.3E-07	0.005897
1206	489885.89	3858876.54	0.22814	0.15871	0.10661	0.20076	4.29E-04	1.4E-05	0.00232	2.2E-07	0.00276	5.25E-04	1.70617E-05	0.002851	1.26E-07	3.39E-03	0.000463	1.31E-05	0.00543	1.3E-07	0.005906
1207	489935.89	3858876.54	0.22286	0.15953	0.10719	0.20038	4.19E-04	1.4E-05	0.00233	2.2E-07	0.00276	5.13E-04	1.71498E-05	0.002867	1.25E-07	3.40E-03	0.000452	1.32E-05	0.005459	1.29E-07	0.005925
1208	489985.89	3858876.54	0.21796	0.16028	0.10782	0.19982	4.10E-04	1.4E-05	0.00234	2.2E-07	0.00277	5.02E-04	1.72305E-05	0.002884	1.25E-07	3.40E-03	0.000443	1.33E-05	0.005491	1.29E-07	0.005947
1209	490035.89	3858876.54	0.21343	0.16085	0.10842	0.19918	4.01E-04	1.4E-05	0.00235	2.2E-07	0.00277	4.91E-04	1.72917E-05	0.0029	1.25E-07	3.41E-03	0.000433	1.33E-05	0.005522	1.29E-07	0.005969
1210	489285.89	3858926.54	0.32464	0.14354	0.10372	0.18741	6.10E-04	1.3E-05	0.00225	2.1E-07	0.00288	7.48E-04	1.54309E-05	0.002774	1.17E-07	3.54E-03	0.000659	1.19E-05	0.005283	1.21E-07	0.005954
1211	489335.89	3858926.54	0.3083	0.14322	0.10304	0.18676	5.79E-04	1.3E-05	0.00224	2.1E-07	0.00283	7.10E-04	1.53965E-05	0.002756	1.17E-07	3.48E-03	0.000626	1.18E-05	0.005248	1.21E-07	0.005886
1212	489385.89	3858926.54	0.29406	0.14316	0.10246	0.18645	5.53E-04	1.3E-05	0.00223	2.1E-07	0.00279	6.77E-04	1.539E-05	0.00274	1.17E-07	3.43E-03	0.000597	1.18E-05	0.005218	1.2E-07	0.005827
1213	489435.89	3858926.54	0.28165	0.14318	0.10191	0.18647	5.29E-04	1.3E-05	0.00221	2.1E-07	0.00276	6.49E-04	1.53922E-05	0.002726	1.17E-07	3.39E-03	0.000572	1.18E-05	0.00519	1.2E-07	0.005774
1214	489485.89	3858926.54	0.27068	0.14344	0.10149	0.18672	5.09E-04	1.3E-05	0.0022	2.1E-07	0.00273	6.23E-04	1.54201E-05	0.002714	1.17E-07	3.35E-03	0.00055	1.19E-05	0.005169	1.21E-07	0.005731
1215	489535.89	3858926.54	0.2609	0.1439	0.10118	0.18715	4.90E-04	1.3E-05	0.0022	2.1E-07	0.0027	6.01E-04	1.54696E-05	0.002706	1.17E-07	3.32E-03	0.00053	1.19E-05	0.005153	1.21E-07	0.005695
1216	489585.89	3858926.54	0.25216	0.14455	0.101	0.18768	4.74E-04	1.3E-05	0.00219	2.1E-07	0.00268	5.81E-04	1.55394E-05	0.002701	1.17E-07	3.30E-03	0.000512	1.2E-05	0.005144	1.21E-07	0.005668

1217	489635.89	3858926.54	0.24441	0.14533	0.10092	0.18751	4.59E-04	1.3E-05	0.00219	2.1E-07	0.00266	5.63E-04	1.56233E-05	0.002699	1.17E-07	3.28E-03	0.000496	1.2E-05	0.00514	1.21E-07	0.005648
1218	489685.89	3858926.54	0.23758	0.1463	0.10099	0.18801	4.46E-04	1.3E-05	0.00219	2.1E-07	0.00265	5.47E-04	1.57276E-05	0.002701	1.18E-07	3.26E-03	0.000482	1.21E-05	0.005143	1.21E-07	0.005638
1219	489735.89	3858926.54	0.23133	0.14717	0.10109	0.18858	4.35E-04	1.3E-05	0.0022	2.1E-07	0.00264	5.33E-04	1.58211E-05	0.002704	1.18E-07	3.25E-03	0.00047	1.22E-05	0.005149	1.22E-07	0.005631
1220	489785.89	3858926.54	0.22558	0.14805	0.10127	0.18906	4.24E-04	1.3E-05	0.0022	2.1E-07	0.00264	5.19E-04	1.59157E-05	0.002709	1.18E-07	3.24E-03	0.000458	1.22E-05	0.005158	1.22E-07	0.005628
1221	489835.89	3858926.54	0.2203	0.14911	0.10162	0.18931	4.14E-04	1.3E-05	0.00221	2.1E-07	0.00263	5.07E-04	1.60297E-05	0.002718	1.18E-07	3.24E-03	0.000447	1.23E-05	0.005176	1.22E-07	0.005635
1222	489885.89	3858926.54	0.21543	0.14997	0.10197	0.18954	4.05E-04	1.3E-05	0.00221	2.1E-07	0.00263	4.96E-04	1.61221E-05	0.002727	1.19E-07	3.24E-03	0.000437	1.24E-05	0.005193	1.22E-07	0.005643
1223	489935.89	3858926.54	0.2109	0.15086	0.10243	0.18955	3.96E-04	1.3E-05	0.00222	2.1E-07	0.00263	4.86E-04	1.62178E-05	0.00274	1.19E-07	3.24E-03	0.000428	1.25E-05	0.005217	1.22E-07	0.005658
1224	489985.89	3858926.54	0.20666	0.15182	0.10301	0.18931	3.88E-04	1.3E-05	0.00224	2.1E-07	0.00264	4.76E-04	1.6321E-05	0.002755	1.18E-07	3.25E-03	0.00042	1.26E-05	0.005246	1.22E-07	0.005679
1225	490035.89	3858926.54	0.20264	0.15288	0.10371	0.18874	3.81E-04	1.3E-05	0.00225	2.1E-07	0.00265	4.67E-04	1.64349E-05	0.002774	1.18E-07	3.26E-03	0.000411	1.26E-05	0.005282	1.22E-07	0.005706
1226	489335.89	3858976.54	0.27164	0.13726	0.10027	0.17711	5.10E-04	1.2E-05	0.00218	2E-07	0.0027	6.26E-04	1.47558E-05	0.002682	1.11E-07	3.32E-03	0.000552	1.14E-05	0.005107	1.14E-07	0.00567
1227	489385.89	3858976.54	0.2624	0.13696	0.09965	0.17635	4.93E-04	1.2E-05	0.00216	2E-07	0.00267	6.04E-04	1.47235E-05	0.002665	1.1E-07	3.28E-03	0.000533	1.13E-05	0.005075	1.14E-07	0.005619
1228	489435.89	3858976.54	0.25392	0.13662	0.09897	0.17595	4.77E-04	1.2E-05	0.00215	2E-07	0.00264	5.85E-04	1.4687E-05	0.002647	1.1E-07	3.25E-03	0.000516	1.13E-05	0.005041	1.14E-07	0.005568
1229	489485.89	3858976.54	0.24608	0.13663	0.09846	0.17582	4.62E-04	1.2E-05	0.00214	2E-07	0.00261	5.67E-04	1.4688E-05	0.002633	1.1E-07	3.21E-03	0.0005	1.13E-05	0.005015	1.14E-07	0.005526
1230	489535.89	3858976.54	0.23887	0.13687	0.09807	0.17594	4.49E-04	1.2E-05	0.00213	2E-07	0.00259	5.50E-04	1.47138E-05	0.002623	1.1E-07	3.19E-03	0.000485	1.13E-05	0.004995	1.14E-07	0.005491
1231	489585.89	3858976.54	0.23226	0.13713	0.09769	0.1763	4.36E-04	1.2E-05	0.00212	2E-07	0.00257	5.35E-04	1.47418E-05	0.002613	1.1E-07	3.16E-03	0.000472	1.13E-05	0.004975	1.14E-07	0.005458
1232	489635.89	3858976.54	0.22613	0.13766	0.09747	0.17678	4.25E-04	1.2E-05	0.00212	2E-07	0.00255	5.21E-04	1.47988E-05	0.002607	1.11E-07	3.14E-03	0.000459	1.14E-05	0.004964	1.14E-07	0.005435
1233	489685.89	3858976.54	0.22047	0.13838	0.09738	0.17661	4.14E-04	1.2E-05	0.00211	2E-07	0.00254	5.08E-04	1.48762E-05	0.002604	1.1E-07	3.13E-03	0.000448	1.14E-05	0.00496	1.14E-07	0.005419
1234	489735.89	3858976.54	0.2154	0.13911	0.09733	0.17722	4.05E-04	1.2E-05	0.00211	2E-07	0.00253	4.96E-04	1.49546E-05	0.002603	1.11E-07	3.11E-03	0.000437	1.15E-05	0.004957	1.14E-07	0.005406
1235	489785.89	3858976.54	0.21074	0.13983	0.09734	0.17789	3.96E-04	1.2E-05	0.00211	2E-07	0.00252	4.85E-04	1.5032E-05	0.002603	1.11E-07	3.10E-03	0.000428	1.16E-05	0.004958	1.15E-07	0.005397
1236	489835.89	3858976.54	0.2065	0.14066	0.09746	0.17846	3.88E-04	1.2E-05	0.00212	2E-07	0.00252	4.76E-04	1.51213E-05	0.002607	1.12E-07	3.10E-03	0.000419	1.16E-05	0.004964	1.15E-07	0.005395
1237	489885.89	3858976.54	0.20257	0.14179	0.09782	0.17875	3.81E-04	1.2E-05	0.00212	2E-07	0.00252	4.66E-04	1.52427E-05	0.002616	1.12E-07	3.10E-03	0.000411	1.17E-05	0.004982	1.15E-07	0.005405
1238	489935.89	3858976.54	0.19878	0.1428	0.0982	0.179	3.74E-04	1.3E-05	0.00213	2E-07	0.00252	4.58E-04	1.53513E-05	0.002626	1.12E-07	3.10E-03	0.000404	1.18E-05	0.005001	1.16E-07	0.005417
1239	489985.89	3858976.54	0.19524	0.14373	0.09861	0.17915	3.67E-04	1.3E-05	0.00214	2E-07	0.00252	4.50E-04	1.54513E-05	0.002637	1.12E-07	3.10E-03	0.000396	1.19E-05	0.005022	1.16E-07	0.005431
1240	490035.89	3858976.54	0.19155	0.14559	0.09956	0.17826	3.60E-04	1.3E-05	0.00216	2E-07	0.00253	4.41E-04	1.56513E-05	0.002663	1.11E-07	3.12E-03	0.000389	1.2E-05	0.005071	1.15E-07	0.005472
1241	489385.89	3859026.54	0.23274	0.13152	0.09707	0.16788	4.37E-04	1.2E-05	0.00211	1.9E-07	0.00256	5.36E-04	1.41387E-05	0.002596	1.05E-07	3.15E-03	0.000473	1.09E-05	0.004944	1.08E-07	0.005427
1242	489435.89	3859026.54	0.22749	0.13109	0.09641	0.16704	4.27E-04	1.2E-05	0.00209	1.9E-07	0.00253	5.24E-04	1.40925E-05	0.002579	1.04E-07	3.12E-03	0.000462	1.08E-05	0.00491	1.08E-07	0.005383
1243	489485.89	3859026.54	0.22238	0.13083	0.09582	0.1665	4.18E-04	1.1E-05	0.00208	1.9E-07	0.00251	5.12E-04	1.40645E-05	0.002563	1.04E-07	3.09E-03	0.000452	1.08E-05	0.00488	1.08E-07	0.005343
1244	489535.89	3859026.54	0.21747	0.13069	0.09527	0.16626	4.09E-04	1.1E-05	0.00207	1.9E-07	0.00249	5.01E-04	1.40495E-05	0.002548	1.04E-07	3.06E-03	0.000442	1.08E-05	0.004852	1.07E-07	0.005305
1245	489585.89	3859026.54	0.21278	0.13081	0.09485	0.16627	4.00E-04	1.1E-05	0.00206	1.9E-07	0.00247	4.90E-04	1.40624E-05	0.002537	1.04E-07	3.04E-03	0.000432	1.08E-05	0.004831	1.07E-07	0.005274
1246	489635.89	3859026.54	0.20831	0.131	0.09447	0.16652	3.91E-04	1.1E-05	0.00205	1.9E-07	0.00245	4.80E-04	1.40828E-05	0.002527	1.04E-07	3.02E-03	0.000423	1.08E-05	0.004811	1.08E-07	0.005245
1247	489685.89	3859026.54	0.20407	0.13137	0.09419	0.16694	3.83E-04	1.2E-05	0.00205	1.9E-07	0.00244	4.70E-04	1.41226E-05	0.002519	1.04E-07	3.00E-03	0.000414	1.09E-05	0.004797	1.08E-07	0.005222
1248	489735.89	3859026.54	0.2001	0.13181	0.09397	0.16748	3.76E-04	1.2E-05	0.00204	1.9E-07	0.00243	4.61E-04	1.41699E-05	0.002513	1.05E-07	2.99E-03	0.000406	1.09E-05	0.004786	1.08E-07	0.005203
1249	489785.89	3859026.54	0.19639	0.13239	0.09386	0.16808	3.69E-04	1.2E-05	0.00204	1.9E-07	0.00242	4.52E-04	1.42322E-05	0.00251	1.05E-07	2.98E-03	0.000399	1.09E-05	0.00478	1.09E-07	0.00519
1250	489835.89	3859026.54	0.19294	0.1333	0.09396	0.168	3.63E-04	1.2E-05	0.00204	1.9E-07	0.00241	4.44E-04	1.433E-05	0.002513	1.05E-07	2.97E-03	0.000392	1.1E-05	0.004785	1.09E-07	0.005188
1251	489885.89	3859026.54	0.18979	0.13418	0.09409	0.16854	3.57E-04	1.2E-05	0.00204	1.9E-07	0.00241	4.37E-04	1.44247E-05	0.002517	1.05E-07	2.97E-03	0.000385	1.11E-05	0.004792	1.09E-07	0.005189
1252	489935.89	3859026.54	0.18676	0.13518	0.09436	0.16896	3.51E-04	1.2E-05	0.00205	1.9E-07	0.00241	4.30E-04	1.45322E-05	0.002524	1.06E-07	2.97E-03	0.000379	1.12E-05	0.004806	1.09E-07	0.005196
1253	489985.89	3859026.54	0.18386	0.1362	0.0947	0.16928	3.46E-04	1.2E-05	0.00206	1.9E-07	0.00241	4.23E-04	1.46418E-05	0.002533	1.06E-07	2.97E-03	0.000373	1.13E-05	0.004823	1.09E-07	0.005208
1254	490035.89	3859026.54	0.18066	0.13823	0.09561	0.16852	3.39E-04	1.2E-05	0.00208	1.9E-07	0.00243	4.16E-04	1.486E-05	0.002557	1.05E-07	2.99E-03	0.000367	1.14E-05	0.004869	1.09E-07	0.005248
1255	489485.89	3859076.54	0.20087	0.12575	0.0934	0.15864	3.77E-04	1.1E-05	0.00203	1.8E-07	0.00242	4.63E-04	1.35184E-05	0.002498	9.92E-08	2.97E-03	0.000408	1.04E-05	0.004757	1.02E-07	0.005175
1256	489535.89	3859076.54	0.19773	0.12545	0.09282	0.15801	3.72E-04	1.1E-05	0.00202	1.8E-07	0.0024	4.55E-04	1.34862E-05	0.002483	9.88E-08	2.95E-03	0.000401	1.04E-05	0.004727	1.02E-07	0.005139
1257	489585.89	3859076.54	0.1946	0.12529	0.0923	0.15765	3.66E-04	1.1E-05	0.002	1.8E-07	0.00238	4.48E-04	1.3469E-05	0.002469	9.86E-08	2.93E-03	0.000395	1.04E-05	0.004701	1.02E-07	0.005106
1258	489635.89	3859076.54	0.19148	0.12514	0.09177	0.15758	3.60E-04	1.1E-05	0.00199	1.8E-07	0.00236	4.41E-04	1.34528E-05	0.002454	9.86E-08	2.91E-03	0.000389	1.03E-05	0.004674	1.02E-07	0.005073
1259	489685.89	3859076.54	0.18844	0.12519	0.09134	0.15774	3.54E-04	1.1E-05	0.00198	1.8E-07	0.00235	4.34E-04	1.34582E-05	0.002443	9.87E-08	2.89E-03	0.000383	1.04E-05	0.004652	1.02E-07	0.005045
1260	489735.89	3859076.54	0.18552	0.12541	0.09102	0.15807	3.49E-04	1.1E-05	0.00198	1.8E-07	0.00234	4.27E-04	1.34819E-05	0.002434	9.89E-08	2.88E-03	0.000377	1.04E-05	0.004636	1.02E-07	0.005023
1261	489785.89	3859076.54	0.18271	0.1258	0.0908	0.15853	3.43E-04	1.1E-05	0.00197	1.8E-07	0.00233	4.21E-04	1.35238E-05	0.002429	9.92E-08	2.86E-03	0.000371	1.04E-05	0.004624	1.02E-07	0.005006
1262	489835.89	3859076.54	0.17996	0.12643	0.09073	0.15906	3.38E-04	1.1E-05	0.00197	1.8E-07	0.00232	4.14E-04	1.35915E-05	0.002427	9.95E-08	2.85E-03	0.000365	1.05E-05	0.004621	1.03E-07	0.004997
1263	489885.89	3859076.54	0.17734	0.12721	0.09076	0.15902	3.33E-04	1.1E-05	0.00197	1.8E-07	0.00232	4.08E-04	1.36754E-05	0.002427	9.95E-08	2.85E-03	0.00036	1.05E-05	0.004622	1.03E-07	0.004993
1264	489935.89	3859076.54	0.175	0.128	0.09085	0.15958	3.29E-04	1.1E-05	0.00197	1.8E-07	0.00231	4.03E-04	1.37603E-05	0.00243	9.98E-08	2.85E-03	0.000355	1.06E-05	0.004627	1.03E-07	0.004993
1265	489985.89	3859076.54	0.17276	0.12903	0.0911	0.15999	3.25E-04	1.1E-05	0.00198	1.8E-07	0.00231	3.98E-04	1.3871E-05	0.002437	1E-07	2.85E-03	0.000351	1.07E-05	0.00464	1.03E-07	0.005001
1266	490035.89	3859076.54	0.17027	0.13083	0.09181	0.15967	3.20E-04	1.1E-05	0.00199	1.8E-07	0.00233	3.92E-04	1.40645E-05	0.002456	9.99E-08	2.86E-03	0.000346	1.08E-05	0.004676	1.03E-07	0.005033
1267	489585.89	3859126.54	0.17822	0.12039	0.08995	0.15034	3.35E-04	1.1E-05	0.00195	1.7E-07	0.0023	4.10E-04	1.29422E-05	0.002406	9.4E-08	2.83E-03	0.000362	9.96E-06	0.004581	9.71E-08	0.004953
1268	489635.89	3859126.54	0.17612	0.12003	0.08935	0.14992	3.31E-04	1.1E-05	0.00194	1.7E-07	0.00228	4.06E-04	1.29035E-05	0.00239	9.38E-08	2.81E-03	0.000358	9.93E-06	0.004551	9.68E-08	0.004918
1269	489685.89	3859126.54	0.17402	0.11987	0.08885	0.14973	3.27E-04	1.1E-05	0.00193	1.7E-07	0.00227	4.01E-04	1.28863E-05	0.002376	9.36E-08	2.79E-03	0.000353	9.91E-06	0.004525	9.67E-08	0.004889
1270	489735.89	3859126.54	0.17192	0.11988	0.08843	0.14977	3.23E-04	1.1E-05	0.00192	1.7E-07	0.00225	3.96E-04	1.28874E-05	0.002365	9.37E-08	2.77E-03	0.000349	9.91E-06	0.004504	9.67E-08	0.004863
1271	489785.89	3859126.54	0.16986	0.12003	0.0881	0.15	3.19E-04	1.1E-05	0.00191	1.7E-07	0.00224	3.91E-04	1.29035E-05	0.002356	9.38E-08	2.76E-03	0.000345	9.93E-06	0.004487	9.69E-08	0.004842
1272	489835.89	3859126.54	0.16786	0.12042	0.0879	0.15037	3.15E-04	1.1E-05	0.00191	1.7E-07	0.00224	3.87E-04	1.29454E-05	0.002351	9.4E-08	2.75E-03	0.000341	9.96E-06	0.004477	9.71E-08	0.004828
1273	489885.89	3859126.54	0.1658	0.12102	0.08784	0.15024	3.12E-04	1.1E-05	0.00191	1.7E-07	0.00223	3.82E-04	1.30099E-05	0.002349	9.4E-08	2.74E-03	0.000337	1E-05	0.004474	9.71E-08	0.00482
1274	489935.89	3859126.54	0.16389	0.12163	0.08779	0.15077	3.08E-04	1.1E-05	0.00191	1.7E-07	0.00223	3.77E-04	1.30755E-05	0.002348	9.43E-08	2.74E-03	0.000333	1.01E-05	0.004471	9.74E-08	0.004814
1275	489985.89	3859126.54	0.16208	0.12274	0.08805	0.15105	3.05E-04	1.1E-05	0.00191	1.7E-07	0.00223	3.73E-04	1.31948E-05	0.002355	9.45E-08	2.74E-03	0.000329	1.02E-05	0.004484	9.76E-08	0.004824
1276	490035.89	3859126.54	0.16024	0.12393	0.08838	0.15125	3.01E-04	1.1E-05	0.00192	1.7E-07	0.00223	3.69E-04	1.33228E-05	0.002364	9.46E-08	2.75E-03	0.000325	1.02E-05	0.004501	9.77E-08	0.004837
1277	489585.89	3859176.54	0.16372	0.1162	0.08787	0.14415	3.08E-04	1E-05	0.00191	1.6E-07	0.00223	3.77E-04	1.24918E-05	0.00235	9.02E-08	2.74E-03	0.000332	9.61E-06	0.004475	9.31E-08	0.004817

1278	489635.89	3859176.54	0.16245	0.11566	0.08722	0.14339	3.05E-04	1E-05	0.00189	1.6E-07	0.00221	3.74E-04	1.24337E-05	0.002333	8.97E-08	2.72E-03	0.00033	9.56E-06	0.004442	9.26E-08	0.004782
1279	489685.89	3859176.54	0.16103	0.11522	0.0866	0.14288	3.03E-04	1E-05	0.00188	1.6E-07	0.00219	3.71E-04	1.23864E-05	0.002316	8.94E-08	2.70E-03	0.000327	9.53E-06	0.004411	9.23E-08	0.004747
1280	489735.89	3859176.54	0.15956	0.11495	0.08606	0.14261	3.00E-04	1E-05	0.00187	1.6E-07	0.00218	3.67E-04	1.23574E-05	0.002302	8.92E-08	2.68E-03	0.000324	9.51E-06	0.004383	9.21E-08	0.004717
1281	489785.89	3859176.54	0.15813	0.11499	0.0857	0.14253	2.97E-04	1E-05	0.00186	1.6E-07	0.00217	3.64E-04	1.23617E-05	0.002292	8.91E-08	2.67E-03	0.000321	9.51E-06	0.004365	9.21E-08	0.004695
1282	489835.89	3859176.54	0.15667	0.11513	0.08539	0.14265	2.94E-04	1E-05	0.00185	1.6E-07	0.00216	3.61E-04	1.23767E-05	0.002284	8.92E-08	2.66E-03	0.000318	9.52E-06	0.004349	9.21E-08	0.004677
1283	489885.89	3859176.54	0.15522	0.11549	0.08521	0.14292	2.92E-04	1E-05	0.00185	1.6E-07	0.00215	3.57E-04	1.24154E-05	0.002279	8.94E-08	2.65E-03	0.000315	9.55E-06	0.00434	9.23E-08	0.004665
1284	489935.89	3859176.54	0.15372	0.11589	0.08505	0.14333	2.89E-04	1E-05	0.00185	1.6E-07	0.00215	3.54E-04	1.24584E-05	0.002275	8.96E-08	2.64E-03	0.000312	9.58E-06	0.004332	9.26E-08	0.004653
1285	489985.89	3859176.54	0.15218	0.1168	0.08518	0.14299	2.86E-04	1E-05	0.00185	1.6E-07	0.00215	3.50E-04	1.25563E-05	0.002278	8.94E-08	2.64E-03	0.000309	9.66E-06	0.004338	9.24E-08	0.004657
1286	490035.89	3859176.54	0.15084	0.1174	0.08517	0.14354	2.83E-04	1E-05	0.00185	1.6E-07	0.00214	3.47E-04	1.26208E-05	0.002278	8.98E-08	2.64E-03	0.000306	9.71E-06	0.004338	9.27E-08	0.004654
1287	489685.89	3859226.54	0.14945	0.11128	0.08464	0.13704	2.81E-04	9.8E-06	0.00184	1.5E-07	0.00213	3.44E-04	1.19628E-05	0.002264	8.57E-08	2.62E-03	0.000303	9.2E-06	0.004311	8.85E-08	0.004623
1288	489735.89	3859226.54	0.14848	0.11076	0.084	0.13647	2.79E-04	9.7E-06	0.00182	1.5E-07	0.00211	3.42E-04	1.19069E-05	0.002247	8.54E-08	2.60E-03	0.000301	9.16E-06	0.004278	8.82E-08	0.004589
1289	489785.89	3859226.54	0.14749	0.11054	0.08353	0.13609	2.77E-04	9.7E-06	0.00181	1.5E-07	0.0021	3.40E-04	1.18833E-05	0.002234	8.51E-08	2.59E-03	0.000299	9.14E-06	0.004254	8.79E-08	0.004563
1290	489835.89	3859226.54	0.14652	0.11058	0.08319	0.13591	2.75E-04	9.7E-06	0.00181	1.5E-07	0.00209	3.37E-04	1.18876E-05	0.002225	8.5E-08	2.57E-03	0.000297	9.14E-06	0.004237	8.78E-08	0.004544
1291	489885.89	3859226.54	0.14549	0.11067	0.08288	0.13594	2.73E-04	9.7E-06	0.0018	1.5E-07	0.00208	3.35E-04	1.18973E-05	0.002217	8.5E-08	2.56E-03	0.000295	9.15E-06	0.004221	8.78E-08	0.004526
1292	489935.89	3859226.54	0.14439	0.11094	0.08267	0.13612	2.71E-04	9.7E-06	0.0018	1.5E-07	0.00208	3.33E-04	1.19263E-05	0.002211	8.51E-08	2.56E-03	0.000293	9.17E-06	0.00421	8.79E-08	0.004513
1293	489985.89	3859226.54	0.14311	0.11173	0.08276	0.13552	2.69E-04	9.8E-06	0.0018	1.5E-07	0.00208	3.30E-04	1.20112E-05	0.002213	8.48E-08	2.56E-03	0.000291	9.24E-06	0.004215	8.75E-08	0.004515
1294	490035.89	3859226.54	0.14206	0.11205	0.08258	0.13604	2.67E-04	9.8E-06	0.00179	1.5E-07	0.00207	3.27E-04	1.20456E-05	0.002209	8.51E-08	2.55E-03	0.000288	9.27E-06	0.004206	8.79E-08	0.004504
1295	489735.89	3859276.54	0.13848	0.10713	0.08216	0.13124	2.60E-04	9.4E-06	0.00178	1.5E-07	0.00205	3.19E-04	1.15167E-05	0.002197	8.21E-08	2.53E-03	0.000281	8.86E-06	0.004184	8.48E-08	0.004475
1296	489785.89	3859276.54	0.13788	0.10668	0.08158	0.13059	2.59E-04	9.4E-06	0.00177	1.5E-07	0.00204	3.18E-04	1.14683E-05	0.002182	8.17E-08	2.51E-03	0.00028	8.82E-06	0.004155	8.44E-08	0.004444
1297	489835.89	3859276.54	0.13729	0.10656	0.08119	0.13012	2.58E-04	9.3E-06	0.00176	1.5E-07	0.00203	3.16E-04	1.14554E-05	0.002171	8.14E-08	2.50E-03	0.000279	8.81E-06	0.004135	8.41E-08	0.004423
1298	489885.89	3859276.54	0.13657	0.10642	0.08078	0.12988	2.57E-04	9.3E-06	0.00175	1.5E-07	0.00202	3.14E-04	1.14404E-05	0.002161	8.12E-08	2.49E-03	0.000277	8.8E-06	0.004114	8.39E-08	0.0044
1299	489935.89	3859276.54	0.13588	0.10656	0.08053	0.12979	2.55E-04	9.3E-06	0.00175	1.5E-07	0.00201	3.13E-04	1.14554E-05	0.002154	8.12E-08	2.48E-03	0.000276	8.81E-06	0.004101	8.38E-08	0.004386
1300	489985.89	3859276.54	0.13492	0.10723	0.08057	0.12892	2.54E-04	9.4E-06	0.00175	1.4E-07	0.00201	3.11E-04	1.15275E-05	0.002155	8.06E-08	2.48E-03	0.000274	8.87E-06	0.004103	8.33E-08	0.004386
1301	490035.89	3859276.54	0.1341	0.10713	0.08017	0.12943	2.52E-04	9.4E-06	0.00174	1.4E-07	0.002	3.09E-04	1.15167E-05	0.002144	8.1E-08	2.46E-03	0.000272	8.86E-06	0.004083	8.36E-08	0.004364
1302	490458.06	3859590.74	0.09527	0.08473	0.06635	0.10068	1.79E-04	7.4E-06	0.00144	1.1E-07	0.00163	2.19E-04	9.10866E-06	0.001775	6.3E-08	2.00E-03	0.000193	7.01E-06	0.003379	6.5E-08	0.00358
1303	490508.06	3859590.74	0.09529	0.08513	0.06637	0.10082	1.79E-04	7.5E-06	0.00144	1.1E-07	0.00163	2.19E-04	9.15167E-06	0.001775	6.31E-08	2.00E-03	0.000193	7.04E-06	0.00338	6.51E-08	0.003581
1304	490558.06	3859590.74	0.09532	0.08558	0.06642	0.10104	1.79E-04	7.5E-06	0.00144	1.1E-07	0.00163	2.20E-04	9.20004E-06	0.001776	6.32E-08	2.01E-03	0.000194	7.08E-06	0.003383	6.53E-08	0.003583
1305	490608.06	3859590.74	0.09525	0.08614	0.06653	0.10087	1.79E-04	7.6E-06	0.00144	1.1E-07	0.00163	2.19E-04	9.26024E-06	0.001779	6.31E-08	2.01E-03	0.000193	7.12E-06	0.003388	6.52E-08	0.003589
1306	490658.06	3859590.74	0.09513	0.08678	0.06669	0.10103	1.79E-04	7.6E-06	0.00145	1.1E-07	0.00163	2.19E-04	9.32904E-06	0.001784	6.32E-08	2.01E-03	0.000193	7.18E-06	0.003397	6.53E-08	0.003597
1307	490708.06	3859590.74	0.09498	0.08746	0.06688	0.10119	1.78E-04	7.7E-06	0.00145	1.1E-07	0.00164	2.19E-04	9.40215E-06	0.001789	6.33E-08	2.02E-03	0.000193	7.23E-06	0.003406	6.54E-08	0.003606
1308	490758.06	3859590.74	0.09476	0.08821	0.06712	0.10129	1.78E-04	7.7E-06	0.00146	1.1E-07	0.00164	2.18E-04	9.48277E-06	0.001795	6.34E-08	2.02E-03	0.000192	7.29E-06	0.003418	6.54E-08	0.003618
1309	490808.06	3859590.74	0.09452	0.08887	0.06732	0.10147	1.78E-04	7.8E-06	0.00146	1.1E-07	0.00165	2.18E-04	9.55372E-06	0.001801	6.35E-08	2.03E-03	0.000192	7.35E-06	0.003429	6.55E-08	0.003628
1310	490858.06	3859590.74	0.09426	0.08957	0.06756	0.10156	1.77E-04	7.9E-06	0.00147	1.1E-07	0.00165	2.17E-04	9.62898E-06	0.001807	6.35E-08	2.03E-03	0.000191	7.41E-06	0.003441	6.56E-08	0.00364
1311	490458.06	3859640.74	0.09106	0.08163	0.06463	0.097	1.71E-04	7.2E-06	0.0014	1.1E-07	0.00158	2.10E-04	8.77541E-06	0.001729	6.07E-08	1.95E-03	0.000185	6.75E-06	0.003292	6.27E-08	0.003483
1312	490508.06	3859640.74	0.0911	0.08187	0.06457	0.09702	1.71E-04	7.2E-06	0.0014	1.1E-07	0.00158	2.10E-04	8.80121E-06	0.001727	6.07E-08	1.95E-03	0.000185	6.77E-06	0.003289	6.27E-08	0.00348
1313	490558.06	3859640.74	0.09112	0.08218	0.06456	0.09712	1.71E-04	7.2E-06	0.0014	1.1E-07	0.00158	2.10E-04	8.83453E-06	0.001727	6.07E-08	1.95E-03	0.000185	6.8E-06	0.003288	6.27E-08	0.00348
1314	490608.06	3859640.74	0.09128	0.08269	0.06466	0.09728	1.72E-04	7.3E-06	0.0014	1.1E-07	0.00158	2.10E-04	8.88936E-06	0.001729	6.08E-08	1.95E-03	0.000185	6.84E-06	0.003293	6.28E-08	0.003485
1315	490658.06	3859640.74	0.09133	0.08327	0.0648	0.09704	1.72E-04	7.3E-06	0.00141	1.1E-07	0.00159	2.10E-04	8.95171E-06	0.001733	6.07E-08	1.95E-03	0.000185	6.89E-06	0.0033	6.27E-08	0.003493
1316	490708.06	3859640.74	0.09126	0.08384	0.06493	0.09718	1.71E-04	7.4E-06	0.00141	1.1E-07	0.00159	2.10E-04	9.01299E-06	0.001737	6.08E-08	1.96E-03	0.000185	6.93E-06	0.003307	6.28E-08	0.003499
1317	490758.06	3859640.74	0.09114	0.08448	0.06511	0.09728	1.71E-04	7.4E-06	0.00141	1.1E-07	0.00159	2.10E-04	9.08179E-06	0.001741	6.08E-08	1.96E-03	0.000185	6.99E-06	0.003316	6.28E-08	0.003508
1318	490808.06	3859640.74	0.09098	0.08502	0.06523	0.09753	1.71E-04	7.5E-06	0.00142	1.1E-07	0.0016	2.10E-04	9.13984E-06	0.001745	6.1E-08	1.96E-03	0.000185	7.03E-06	0.003322	6.3E-08	0.003514
1319	490858.06	3859640.74	0.09081	0.08559	0.06538	0.0978	1.71E-04	7.5E-06	0.00142	1.1E-07	0.0016	2.09E-04	9.20112E-06	0.001749	6.12E-08	1.97E-03	0.000184	7.08E-06	0.00333	6.32E-08	0.003521
1320	490608.06	3859690.74	0.08742	0.07963	0.06297	0.09365	1.64E-04	7E-06	0.00137	1E-07	0.00154	2.01E-04	8.5604E-06	0.001684	5.86E-08	1.89E-03	0.000177	6.59E-06	0.003207	6.05E-08	0.003391
1321	490658.06	3859690.74	0.08765	0.0801	0.06306	0.09344	1.65E-04	7E-06	0.00137	1E-07	0.00154	2.02E-04	8.61093E-06	0.001687	5.84E-08	1.90E-03	0.000178	6.62E-06	0.003212	6.04E-08	0.003396
1322	490708.06	3859690.74	0.08769	0.08056	0.06315	0.09349	1.65E-04	7.1E-06	0.00137	1E-07	0.00154	2.02E-04	8.66038E-06	0.001689	5.85E-08	1.90E-03	0.000178	6.66E-06	0.003216	6.04E-08	0.003401
1323	490758.06	3859690.74	0.08767	0.08111	0.06328	0.09355	1.65E-04	7.1E-06	0.00137	1E-07	0.00155	2.02E-04	8.71951E-06	0.001692	5.85E-08	1.90E-03	0.000178	6.71E-06	0.003223	6.04E-08	0.003408
1324	490808.06	3859690.74	0.08759	0.0816	0.06337	0.09371	1.65E-04	7.2E-06	0.00138	1E-07	0.00155	2.02E-04	8.77218E-06	0.001695	5.86E-08	1.91E-03	0.000178	6.75E-06	0.003227	6.05E-08	0.003412
1325	490858.06	3859690.74	0.08745	0.08195	0.06339	0.0941	1.64E-04	7.2E-06	0.00138	1.1E-07	0.00155	2.01E-04	8.80981E-06	0.001695	5.89E-08	1.91E-03	0.000178	6.78E-06	0.003228	6.08E-08	0.003413
1326	490708.06	3859740.74	0.08416	0.07755	0.06147	0.09047	1.58E-04	6.8E-06	0.00133	1E-07	0.0015	1.94E-04	8.3368E-06	0.001644	5.66E-08	1.85E-03	0.000171	6.41E-06	0.003131	5.84E-08	0.003308
1327	490758.06	3859740.74	0.0842	0.0778	0.06143	0.09031	1.58E-04	6.8E-06	0.00133	1E-07	0.0015	1.94E-04	8.36367E-06	0.001643	5.65E-08	1.85E-03	0.000171	6.43E-06	0.003129	5.83E-08	0.003306
1328	490808.06	3859740.74	0.08421	0.07818	0.06148	0.09045	1.58E-04	6.9E-06	0.00134	1E-07	0.0015	1.94E-04	8.40453E-06	0.001644	5.66E-08	1.85E-03	0.000171	6.47E-06	0.003131	5.84E-08	0.003309
1329	490858.06	3859740.74	0.08416	0.07854	0.0615	0.09068	1.58E-04	6.9E-06	0.00134	1E-07	0.0015	1.94E-04	8.44323E-06	0.001645	5.67E-08	1.85E-03	0.000171	6.5E-06	0.003132	5.86E-08	0.00331
1330	490786.56	3859749.39	0.08362	0.07746	0.06115	0.08984	1.57E-04	6.8E-06	0.00133	1E-07	0.00149	1.93E-04	8.32712E-06	0.001635	5.62E-08	1.84E-03	0.00017	6.41E-06	0.003114	5.8E-08	0.003291
1331	490836.56	3859749.39	0.08362	0.07784	0.06119	0.09	1.57E-04	6.8E-06	0.00133	1E-07	0.00149	1.93E-04	8.36797E-06	0.001637	5.63E-08	1.84E-03	0.00017	6.44E-06	0.003116	5.81E-08	0.003293
1332	490786.56	3859799.39	0.08019	0.07457	0.05951	0.08697	1.51E-04	6.5E-06	0.00129	9.7E-08	0.00145	1.85E-04	8.01644E-06	0.001592	5.44E-08	1.78E-03	0.000163	6.17E-06	0.003031	5.62E-08	0.0032
1333	490836.56	3859799.39	0.08032	0.07487	0.05952	0.08711	1.51E-04	6.6E-06	0.00129	9.7E-08	0.00145	1.85E-04	8.04869E-06	0.001592	5.45E-08	1.78E-03	0.000163	6.19E-06	0.003031	5.63E-08	0.003201
1334	492307.84	3854508.36	0.12013	0.11284	0.13337	0.08217	2.26E-04	9.9E-06	0.0029	9.2E-08	0.00313	2.77E-04	1.21306E-05	0.003567	5.14E-08	3.86E-03	0.000244	9.33E-06	0.006793	5.31E-08	0.007046
1335	486445.7	3854753.6	0.32927	0.52362	0.28076	0.07379	6.19E-04	4.6E-05	0.0061	8.2E-08	0.00676	7.58E-04	5.62903E-05	0.007509	4.62E-08	8.32E-03	0.000669	4.33E-05	0.014299	4.77E-08	0.015011
1336	472599.75	3877830.11	0.00324	0.00289	0.0032	0.00297	6.09E-06	2.5E-07	6.9E-05	3.3E-09	7.6E-05	7.46E-06	3.10681E-07	8.56E-05	1.86E-09	9.34E-05	6.58E-06	2.39E-07	0.000163	1.92E-09	0.00017
1337	493107.48	3866840.19	0.01003	0.01039	0.00992	0.00839	1.88E-05	9.1E-07	0.00022	9.4E-09	0.00024	2.31E-05	1.11695E-06	0.000265	5.25E-09	2.90E-04	2.04E-05	8.59E-07	0.000505	5.42E-09	0.000526
1338	495815.79	3861662.87	0.03085	0.03304	0.0287	0.0381	5.80E-05	2.9E-06	0.00062	4.3E-08	0.00068	7.10E-05	3.55187E-06	0.000768	2.38E-08	8.42E-04	6.26E-05	2.73E-06	0.001462	2.46E-08	0.001527

1339	480272.33	3841389.2	0.00106	0.00103	0.00108	0.0009	1.99E-06	9E-08	2.3E-05	1E-09	2.6E-05	2.44E-06	1.10727E-07	2.89E-05	5.63E-10	3.14E-05	2.15E-06	8.52E-08	5.5E-05	5.81E-10	5.72E-05
1340	497005.18	3862813.64	0.02153	0.02296	0.01993	0.02585	4.05E-05	2E-06	0.00043	2.9E-08	0.00048	4.96E-05	2.46825E-06	0.000533	1.62E-08	5.85E-04	4.37E-05	1.9E-06	0.001015	1.67E-08	0.001061
1341	493677.33	3860302.55	0.05738	0.06069	0.05069	0.0684	1.08E-04	5.3E-06	0.0011	7.6E-08	0.00121	1.32E-04	6.52431E-06	0.001356	4.28E-08	1.49E-03	0.000117	5.02E-06	0.002582	4.42E-08	0.002703
1342	493727.33	3860302.55	0.05726	0.06059	0.05064	0.0682	1.08E-04	5.3E-06	0.0011	7.6E-08	0.00121	1.32E-04	6.51356E-06	0.001354	4.27E-08	1.49E-03	0.000116	5.01E-06	0.002579	4.41E-08	0.0027
1343	493777.33	3860302.55	0.05716	0.0605	0.0506	0.06798	1.07E-04	5.3E-06	0.0011	7.6E-08	0.00121	1.32E-04	6.50389E-06	0.001353	4.25E-08	1.49E-03	0.000116	5E-06	0.002577	4.39E-08	0.002698
1344	493827.33	3860302.55	0.05706	0.06042	0.05055	0.06774	1.07E-04	5.3E-06	0.0011	7.6E-08	0.00121	1.31E-04	6.49529E-06	0.001352	4.24E-08	1.49E-03	0.000116	5E-06	0.002575	4.38E-08	0.002695
1345	493877.33	3860302.55	0.05691	0.06028	0.05045	0.06753	1.07E-04	5.3E-06	0.0011	7.5E-08	0.00121	1.31E-04	6.48024E-06	0.001349	4.22E-08	1.49E-03	0.000116	4.99E-06	0.002569	4.36E-08	0.00269
1346	493927.33	3860302.55	0.05675	0.06011	0.05032	0.06733	1.07E-04	5.3E-06	0.00109	7.5E-08	0.0012	1.31E-04	6.46196E-06	0.001346	4.21E-08	1.48E-03	0.000115	4.97E-06	0.002563	4.35E-08	0.002683
1347	493977.33	3860302.55	0.05671	0.06015	0.05034	0.06697	1.07E-04	5.3E-06	0.00109	7.5E-08	0.00121	1.31E-04	6.46626E-06	0.001346	4.19E-08	1.48E-03	0.000115	4.97E-06	0.002564	4.33E-08	0.002684
1348	494027.33	3860302.55	0.05659	0.06008	0.05028	0.06667	1.06E-04	5.3E-06	0.00109	7.4E-08	0.0012	1.30E-04	6.45873E-06	0.001345	4.17E-08	1.48E-03	0.000115	4.97E-06	0.002561	4.31E-08	0.002681
1349	493677.33	3860352.55	0.05606	0.05936	0.04961	0.06713	1.05E-04	5.2E-06	0.00108	7.5E-08	0.00119	1.29E-04	6.38133E-06	0.001327	4.2E-08	1.46E-03	0.000114	4.91E-06	0.002527	4.34E-08	0.002645
1350	493727.33	3860352.55	0.05593	0.05922	0.04955	0.06708	1.05E-04	5.2E-06	0.00108	7.5E-08	0.00119	1.29E-04	6.36628E-06	0.001325	4.2E-08	1.46E-03	0.000114	4.9E-06	0.002524	4.33E-08	0.002642
1351	493777.33	3860352.55	0.0558	0.05908	0.04948	0.06692	1.05E-04	5.2E-06	0.00107	7.5E-08	0.00118	1.28E-04	6.35123E-06	0.001323	4.19E-08	1.46E-03	0.000113	4.89E-06	0.00252	4.32E-08	0.002638
1352	493827.33	3860352.55	0.0557	0.05898	0.04944	0.06673	1.05E-04	5.2E-06	0.00107	7.5E-08	0.00118	1.28E-04	6.34048E-06	0.001322	4.17E-08	1.46E-03	0.000113	4.88E-06	0.002518	4.31E-08	0.002636
1353	493877.33	3860352.55	0.05564	0.05891	0.0494	0.06641	1.05E-04	5.2E-06	0.00107	7.4E-08	0.00118	1.28E-04	6.33296E-06	0.001321	4.15E-08	1.46E-03	0.000113	4.87E-06	0.002516	4.29E-08	0.002634
1354	493927.33	3860352.55	0.05559	0.0589	0.0494	0.06616	1.04E-04	5.2E-06	0.00107	7.4E-08	0.00118	1.28E-04	6.33188E-06	0.001321	4.14E-08	1.46E-03	0.000113	4.87E-06	0.002516	4.27E-08	0.002634
1355	493977.33	3860352.55	0.05554	0.05891	0.04941	0.06587	1.04E-04	5.2E-06	0.00107	7.4E-08	0.00118	1.28E-04	6.33296E-06	0.001322	4.12E-08	1.46E-03	0.000113	4.87E-06	0.002516	4.25E-08	0.002634
1356	494027.33	3860352.55	0.05541	0.05879	0.04932	0.06565	1.04E-04	5.2E-06	0.00107	7.3E-08	0.00118	1.28E-04	6.32006E-06	0.001319	4.11E-08	1.45E-03	0.000113	4.86E-06	0.002512	4.24E-08	0.002629
1357	493677.33	3860402.55	0.05468	0.05794	0.04844	0.06592	1.03E-04	5.1E-06	0.00105	7.4E-08	0.00116	1.26E-04	6.22868E-06	0.001296	4.12E-08	1.43E-03	0.000111	4.79E-06	0.002467	4.26E-08	0.002583
1358	493727.33	3860402.55	0.05457	0.05781	0.04841	0.06579	1.03E-04	5.1E-06	0.00105	7.4E-08	0.00116	1.26E-04	6.2147E-06	0.001295	4.11E-08	1.43E-03	0.000111	4.78E-06	0.002466	4.25E-08	0.002581
1359	493777.33	3860402.55	0.05459	0.05787	0.0485	0.06563	1.03E-04	5.1E-06	0.00105	7.3E-08	0.00116	1.26E-04	6.22115E-06	0.001297	4.1E-08	1.43E-03	0.000111	4.79E-06	0.00247	4.24E-08	0.002586
1360	493827.33	3860402.55	0.05443	0.05769	0.0484	0.06548	1.02E-04	5.1E-06	0.00105	7.3E-08	0.00116	1.25E-04	6.2018E-06	0.001294	4.1E-08	1.43E-03	0.000111	4.77E-06	0.002465	4.23E-08	0.00258
1361	493877.33	3860402.55	0.05432	0.05757	0.04835	0.06532	1.02E-04	5.1E-06	0.00105	7.3E-08	0.00116	1.25E-04	6.1889E-06	0.001293	4.09E-08	1.42E-03	0.00011	4.76E-06	0.002462	4.22E-08	0.002578
1362	493927.33	3860402.55	0.05433	0.0576	0.04839	0.06513	1.02E-04	5.1E-06	0.00105	7.3E-08	0.00116	1.25E-04	6.19213E-06	0.001294	4.07E-08	1.43E-03	0.00011	4.76E-06	0.002465	4.21E-08	0.00258
1363	493977.33	3860402.55	0.05437	0.05768	0.04846	0.06476	1.02E-04	5.1E-06	0.00105	7.2E-08	0.00116	1.25E-04	6.20073E-06	0.001296	4.05E-08	1.43E-03	0.00011	4.77E-06	0.002468	4.18E-08	0.002583
1364	494027.33	3860402.55	0.05423	0.05753	0.04836	0.06458	1.02E-04	5E-06	0.00105	7.2E-08	0.00116	1.25E-04	6.1846E-06	0.001293	4.04E-08	1.42E-03	0.00011	4.76E-06	0.002463	4.17E-08	0.002578
1365	493677.33	3860452.55	0.05343	0.05666	0.04735	0.06459	1.00E-04	5E-06	0.00103	7.2E-08	0.00113	1.23E-04	6.09108E-06	0.001266	4.04E-08	1.40E-03	0.000108	4.69E-06	0.002412	4.17E-08	0.002525
1366	493727.33	3860452.55	0.05326	0.05643	0.04725	0.06449	1.00E-04	5E-06	0.00103	7.2E-08	0.00113	1.23E-04	6.06635E-06	0.001264	4.03E-08	1.39E-03	0.000108	4.67E-06	0.002406	4.17E-08	0.002519
1367	493777.33	3860452.55	0.05318	0.05634	0.04725	0.06436	9.99E-05	4.9E-06	0.00103	7.2E-08	0.00113	1.22E-04	6.05668E-06	0.001264	4.03E-08	1.39E-03	0.000108	4.66E-06	0.002406	4.16E-08	0.002519
1368	493827.33	3860452.55	0.05318	0.05637	0.04732	0.06423	9.99E-05	4.9E-06	0.00103	7.2E-08	0.00113	1.22E-04	6.0599E-06	0.001266	4.02E-08	1.39E-03	0.000108	4.66E-06	0.00241	4.15E-08	0.002523
1369	493877.33	3860452.55	0.05314	0.05635	0.04735	0.06408	9.99E-05	4.9E-06	0.00103	7.2E-08	0.00113	1.22E-04	6.05775E-06	0.001266	4.01E-08	1.39E-03	0.000108	4.66E-06	0.002412	4.14E-08	0.002524
1370	493927.33	3860452.55	0.05319	0.05646	0.04747	0.06391	1.00E-04	5E-06	0.00103	7.1E-08	0.00114	1.22E-04	6.06958E-06	0.00127	4E-08	1.40E-03	0.000108	4.67E-06	0.002418	4.13E-08	0.00253
1371	493977.33	3860452.55	0.0531	0.05636	0.04743	0.06375	9.98E-05	4.9E-06	0.00103	7.1E-08	0.00113	1.22E-04	6.05883E-06	0.001269	3.99E-08	1.40E-03	0.000108	4.66E-06	0.002416	4.12E-08	0.002528
1372	494027.33	3860452.55	0.053	0.05625	0.04737	0.06359	9.96E-05	4.9E-06	0.00103	7.1E-08	0.00113	1.22E-04	6.047E-06	0.001267	3.98E-08	1.40E-03	0.000108	4.65E-06	0.002413	4.11E-08	0.002525
1373	493677.33	3860502.55	0.05216	0.05536	0.04621	0.06324	9.80E-05	4.9E-06	0.001	7.1E-08	0.00111	1.20E-04	5.95132E-06	0.001236	3.96E-08	1.36E-03	0.000106	4.58E-06	0.002354	4.09E-08	0.002464
1374	493727.33	3860502.55	0.05204	0.05519	0.04618	0.06315	9.78E-05	4.8E-06	0.001	7.1E-08	0.00111	1.20E-04	5.93305E-06	0.001235	3.95E-08	1.36E-03	0.000106	4.56E-06	0.002352	4.08E-08	0.002462
1375	493777.33	3860502.55	0.05198	0.05512	0.0462	0.06306	9.77E-05	4.8E-06	0.001	7E-08	0.00111	1.20E-04	5.92552E-06	0.001236	3.94E-08	1.36E-03	0.000106	4.56E-06	0.002353	4.07E-08	0.002463
1376	493827.33	3860502.55	0.05192	0.05505	0.04622	0.06296	9.76E-05	4.8E-06	0.001	7E-08	0.00111	1.20E-04	5.918E-06	0.001236	3.94E-08	1.36E-03	0.000105	4.55E-06	0.002354	4.07E-08	0.002464
1377	493877.33	3860502.55	0.05193	0.05509	0.0463	0.06285	9.76E-05	4.8E-06	0.00101	7E-08	0.00111	1.20E-04	5.9223E-06	0.001238	3.93E-08	1.36E-03	0.000105	4.56E-06	0.002358	4.06E-08	0.002468
1378	493927.33	3860502.55	0.05196	0.05516	0.04641	0.06272	9.76E-05	4.8E-06	0.00101	7E-08	0.00111	1.20E-04	5.92982E-06	0.001241	3.92E-08	1.37E-03	0.000105	4.56E-06	0.002364	4.05E-08	0.002474
1379	493977.33	3860502.55	0.05187	0.05505	0.04637	0.06258	9.75E-05	4.8E-06	0.00101	7E-08	0.00111	1.19E-04	5.918E-06	0.00124	3.91E-08	1.37E-03	0.000105	4.55E-06	0.002362	4.04E-08	0.002472
1380	494027.33	3860502.55	0.0518	0.05498	0.04636	0.06244	9.73E-05	4.8E-06	0.00101	7E-08	0.00111	1.19E-04	5.91047E-06	0.00124	3.91E-08	1.37E-03	0.000105	4.55E-06	0.002361	4.03E-08	0.002471
1381	493627.33	3860552.55	0.05095	0.0541	0.045	0.06191	9.57E-05	4.7E-06	0.00098	6.9E-08	0.00108	1.17E-04	5.81587E-06	0.001204	3.87E-08	1.33E-03	0.000103	4.47E-06	0.002292	4E-08	0.0024
1382	493677.33	3860552.55	0.05084	0.05396	0.045	0.06185	9.55E-05	4.7E-06	0.00098	6.9E-08	0.00108	1.17E-04	5.80082E-06	0.001204	3.87E-08	1.33E-03	0.000103	4.46E-06	0.002292	4E-08	0.0024
1383	493727.33	3860552.55	0.05075	0.05384	0.045	0.06178	9.54E-05	4.7E-06	0.00098	6.9E-08	0.00108	1.17E-04	5.78792E-06	0.001204	3.86E-08	1.33E-03	0.000103	4.45E-06	0.002292	3.99E-08	0.002399
1384	493777.33	3860552.55	0.05073	0.05383	0.04508	0.06173	9.53E-05	4.7E-06	0.00098	6.9E-08	0.00108	1.17E-04	5.78685E-06	0.001206	3.86E-08	1.33E-03	0.000103	4.45E-06	0.002296	3.99E-08	0.002403
1385	493827.33	3860552.55	0.05077	0.05388	0.0452	0.06167	9.54E-05	4.7E-06	0.00098	6.9E-08	0.00108	1.17E-04	5.79222E-06	0.001209	3.86E-08	1.33E-03	0.000103	4.46E-06	0.002302	3.98E-08	0.00241
1386	493877.33	3860552.55	0.05069	0.05378	0.0452	0.06158	9.53E-05	4.7E-06	0.00098	6.9E-08	0.00108	1.17E-04	5.78147E-06	0.001209	3.85E-08	1.33E-03	0.000103	4.45E-06	0.002302	3.98E-08	0.002409
1387	493927.33	3860552.55	0.0507	0.05381	0.04528	0.06149	9.53E-05	4.7E-06	0.00098	6.9E-08	0.00108	1.17E-04	5.7847E-06	0.001211	3.85E-08	1.33E-03	0.000103	4.45E-06	0.002306	3.97E-08	0.002414
1388	493977.33	3860552.55	0.05072	0.05386	0.04537	0.06139	9.53E-05	4.7E-06	0.00099	6.9E-08	0.00109	1.17E-04	5.79007E-06	0.001213	3.84E-08	1.34E-03	0.000103	4.45E-06	0.002311	3.97E-08	0.002418
1389	494027.33	3860552.55	0.05063	0.05376	0.04534	0.06127	9.51E-05	4.7E-06	0.00098	6.8E-08	0.00108	1.17E-04	5.77932E-06	0.001213	3.83E-08	1.34E-03	0.000103	4.45E-06	0.002309	3.96E-08	0.002416
1390	493627.33	3860602.55	0.0497	0.05279	0.04383	0.06049	9.34E-05	4.6E-06	0.00095	6.8E-08	0.00105	1.14E-04	5.67504E-06	0.001172	3.78E-08	1.29E-03	0.000101	4.37E-06	0.002232	3.91E-08	0.002338
1391	493727.33	3860602.55	0.04944	0.05246	0.0438	0.06038	9.29E-05	4.6E-06	0.00095	6.7E-08	0.00105	1.14E-04	5.63957E-06	0.001171	3.78E-08	1.29E-03	0.0001	4.34E-06	0.002231	3.9E-08	0.002336
1392	493777.33	3860602.55	0.04953	0.05259	0.04398	0.06039	9.31E-05	4.6E-06	0.00096	6.7E-08	0.00105	1.14E-04	5.65354E-06	0.001176	3.78E-08	1.30E-03	0.000101	4.35E-06	0.00224	3.9E-08	0.002345
1393	493827.33	3860602.55	0.04951	0.05256	0.04405	0.06034	9.30E-05	4.6E-06	0.00096	6.7E-08	0.00105	1.14E-04	5.65032E-06	0.001178	3.77E-08	1.30E-03	0.000101	4.35E-06	0.002243	3.9E-08	0.002348
1394	493877.33	3860602.55	0.04956	0.05264	0.04419	0.06031	9.31E-05	4.6E-06	0.00096	6.7E-08	0.00106	1.14E-04	5.65892E-06	0.001182	3.77E-08	1.30E-03	0.000101	4.35E-06	0.002251	3.9E-08	0.002356
1395	493927.33	3860602.55	0.04956	0.05264	0.04426	0.06025	9.31E-05	4.6E-06	0.00096	6.7E-08	0.00106	1.14E-04	5.65892E-06	0.001184	3.77E-08	1.30E-03	0.000101	4.35E-06	0.002254	3.89E-08	0.002359
1396	493977.33	3860602.55	0.04956	0.05266	0.04434	0.06018	9.31E-05	4.6E-06	0.00096	6.7E-08	0.00106	1.14E-04	5.66107E-06	0.001186	3.76E-08	1.31E-03	0.000101	4.35E-06	0.002258	3.89E-08	0.002363
1397	494027.33	3860602.55	0.04947	0.05253	0.04431	0.06007	9.30E-05	4.6E-06	0.00096	6.7E-08	0.00106	1.14E-04	5.64709E-06	0.001185	3.76E-08	1.30E-03	0.0001	4.34E-06	0.002257	3.88E-08	0.002362
1398	493627.33	3860652.55	0.04844	0.05143	0.04264	0.05904	9.10E-05	4.5E-06	0.00093	6.6E-08	0.00102	1.12E-04	5.52884E-06	0.00114	3.69E-08	1.26E-03	9.84E-05	4.25E-06	0.002172	3.81E-08	0.002274
1399	493727.33	3860652.55	0.04823	0.05118	0.04266	0.05898	9.06E-05	4.5E-06	0.00093	6.6E-08	0.00102	1.11E-04	5.50196E-06	0.001141	3.69E-08	1.26E-03	9.79E-05	4.23E-06	0.002173	3.81E-08	0.002275

1400	493777.33	3860652.55	0.04829	0.05127	0.04282	0.05901	9.07E-05	4.5E-06	0.00093	6.6E-08	0.00103	1.11E-04	5.51164E-06	0.001145	3.69E-08	1.26E-03	9.8E-05	4.24E-06	0.002181	3.81E-08	0.002283
1401	493827.33	3860652.55	0.04834	0.05135	0.04297	0.05902	9.08E-05	4.5E-06	0.00093	6.6E-08	0.00103	1.11E-04	5.52024E-06	0.001149	3.69E-08	1.27E-03	9.81E-05	4.25E-06	0.002188	3.81E-08	0.002291
1402	493877.33	3860652.55	0.04841	0.05146	0.04314	0.05902	9.10E-05	4.5E-06	0.00094	6.6E-08	0.00103	1.11E-04	5.53207E-06	0.001154	3.69E-08	1.27E-03	9.83E-05	4.26E-06	0.002197	3.81E-08	0.0023
1403	493927.33	3860652.55	0.04841	0.05145	0.04322	0.05898	9.10E-05	4.5E-06	0.00094	6.6E-08	0.00103	1.11E-04	5.53099E-06	0.001156	3.69E-08	1.27E-03	9.83E-05	4.25E-06	0.002201	3.81E-08	0.002304
1404	493977.33	3860652.55	0.04839	0.05143	0.04328	0.05893	9.09E-05	4.5E-06	0.00094	6.6E-08	0.00104	1.11E-04	5.52884E-06	0.001158	3.69E-08	1.27E-03	9.83E-05	4.25E-06	0.002204	3.81E-08	0.002307
1405	494027.33	3860652.55	0.04842	0.05148	0.04339	0.05888	9.10E-05	4.5E-06	0.00094	6.6E-08	0.00104	1.12E-04	5.53422E-06	0.00116	3.68E-08	1.28E-03	9.83E-05	4.26E-06	0.00221	3.8E-08	0.002312
1406	494311.06	3858401.99	0.06481	0.07223	0.06323	0.06195	1.22E-04	6.3E-06	0.00137	6.9E-08	0.0015	1.49E-04	7.76489E-06	0.001691	3.87E-08	1.85E-03	0.000132	5.97E-06	0.00322	4E-08	0.003358
1407	494361.06	3858401.99	0.06363	0.0708	0.06211	0.0609	1.20E-04	6.2E-06	0.00135	6.8E-08	0.00147	1.47E-04	7.61116E-06	0.001661	3.81E-08	1.82E-03	0.000129	5.86E-06	0.003163	3.93E-08	0.003298
1408	494411.06	3858401.99	0.06285	0.06983	0.06139	0.06019	1.18E-04	6.1E-06	0.00133	6.7E-08	0.00146	1.45E-04	7.50688E-06	0.001642	3.76E-08	1.79E-03	0.000128	5.77E-06	0.003127	3.89E-08	0.00326
1409	494461.06	3858401.99	0.06248	0.06934	0.06109	0.05981	1.17E-04	6.1E-06	0.00133	6.7E-08	0.00145	1.44E-04	7.45421E-06	0.001634	3.74E-08	1.79E-03	0.000127	5.73E-06	0.003111	3.86E-08	0.003244
1410	494511.06	3858401.99	0.06163	0.0683	0.0603	0.05904	1.16E-04	6E-06	0.00131	6.6E-08	0.00143	1.42E-04	7.3424E-06	0.001613	3.69E-08	1.76E-03	0.000125	5.65E-06	0.003071	3.81E-08	0.003202
1411	494561.06	3858401.99	0.06123	0.06777	0.05997	0.05864	1.15E-04	5.9E-06	0.0013	6.6E-08	0.00142	1.41E-04	7.28543E-06	0.001604	3.67E-08	1.75E-03	0.000124	5.6E-06	0.003054	3.79E-08	0.003184
1412	494611.06	3858401.99	0.06037	0.06673	0.05916	0.05787	1.13E-04	5.9E-06	0.00128	6.5E-08	0.0014	1.39E-04	7.17362E-06	0.001582	3.62E-08	1.73E-03	0.000123	5.52E-06	0.003013	3.74E-08	0.003141
1413	494661.06	3858401.99	0.05965	0.06579	0.05849	0.05722	1.12E-04	5.8E-06	0.00127	6.4E-08	0.00139	1.37E-04	7.07257E-06	0.001564	3.58E-08	1.71E-03	0.000121	5.44E-06	0.002979	3.7E-08	0.003106
1414	494711.06	3858401.99	0.05856	0.06449	0.05744	0.05626	1.10E-04	5.7E-06	0.00125	6.3E-08	0.00136	1.35E-04	6.93282E-06	0.001536	3.52E-08	1.68E-03	0.000119	5.33E-06	0.002925	3.63E-08	0.00305
1415	494761.06	3858401.99	0.058	0.06379	0.05693	0.05573	1.09E-04	5.6E-06	0.00124	6.2E-08	0.00135	1.34E-04	6.85757E-06	0.001523	3.49E-08	1.66E-03	0.000118	5.28E-06	0.002899	3.6E-08	0.003023
1416	494811.06	3858401.99	0.05717	0.06279	0.05615	0.055	1.07E-04	5.5E-06	0.00122	6.1E-08	0.00133	1.32E-04	6.75007E-06	0.001502	3.44E-08	1.64E-03	0.000116	5.19E-06	0.00286	3.55E-08	0.002981
1417	494861.06	3858401.99	0.05644	0.0619	0.05546	0.05434	1.06E-04	5.4E-06	0.0012	6.1E-08	0.00132	1.30E-04	6.65439E-06	0.001483	3.4E-08	1.62E-03	0.000115	5.12E-06	0.002825	3.51E-08	0.002944
1418	494911.06	3858401.99	0.05573	0.06102	0.05479	0.0537	1.05E-04	5.4E-06	0.00119	6E-08	0.0013	1.28E-04	6.55979E-06	0.001465	3.36E-08	1.60E-03	0.000113	5.05E-06	0.00279	3.47E-08	0.002909
1419	494961.06	3858401.99	0.05497	0.06011	0.05407	0.05302	1.03E-04	5.3E-06	0.00117	5.9E-08	0.00128	1.27E-04	6.46196E-06	0.001446	3.32E-08	1.58E-03	0.000112	4.97E-06	0.002754	3.42E-08	0.00287
1420	495011.06	3858401.99	0.054	0.05895	0.05313	0.05218	1.01E-04	5.2E-06	0.00115	5.8E-08	0.00126	1.24E-04	6.33726E-06	0.001421	3.26E-08	1.55E-03	0.00011	4.88E-06	0.002706	3.37E-08	0.00282
1421	495061.06	3858401.99	0.05326	0.05805	0.05242	0.05149	1.00E-04	5.1E-06	0.00114	5.8E-08	0.00124	1.23E-04	6.24051E-06	0.001402	3.22E-08	1.53E-03	0.000108	4.8E-06	0.00267	3.33E-08	0.002783
1422	495111.06	3858401.99	0.05185	0.0564	0.05102	0.05026	9.74E-05	4.9E-06	0.00111	5.6E-08	0.00121	1.19E-04	6.06313E-06	0.001365	3.14E-08	1.49E-03	0.000105	4.66E-06	0.002598	3.25E-08	0.002708
1423	495161.06	3858401.99	0.0516	0.05607	0.05082	0.05	9.70E-05	4.9E-06	0.0011	5.6E-08	0.00121	1.19E-04	6.02765E-06	0.001359	3.13E-08	1.48E-03	0.000105	4.64E-06	0.002588	3.23E-08	0.002698
1424	495211.06	3858401.99	0.05039	0.05465	0.04963	0.04895	9.47E-05	4.8E-06	0.00108	5.5E-08	0.00118	1.16E-04	5.875E-06	0.001327	3.06E-08	1.45E-03	0.000102	4.52E-06	0.002528	3.16E-08	0.002635
1425	495261.06	3858401.99	0.04974	0.05387	0.04901	0.04837	9.35E-05	4.7E-06	0.00106	5.4E-08	0.00116	1.15E-04	5.79115E-06	0.001311	3.03E-08	1.43E-03	0.000101	4.45E-06	0.002496	3.12E-08	0.002602
1426	495311.06	3858401.99	0.04906	0.05305	0.04836	0.04775	9.22E-05	4.7E-06	0.00105	5.3E-08	0.00115	1.13E-04	5.70299E-06	0.001293	2.99E-08	1.41E-03	9.96E-05	4.39E-06	0.002463	3.08E-08	0.002567
1427	495361.06	3858401.99	0.04859	0.05248	0.04792	0.04733	9.13E-05	4.6E-06	0.00104	5.3E-08	0.00114	1.12E-04	5.64172E-06	0.001282	2.96E-08	1.40E-03	9.87E-05	4.34E-06	0.002441	3.06E-08	0.002544
1428	495411.06	3858401.99	0.04834	0.05214	0.04771	0.04707	9.08E-05	4.6E-06	0.00104	5.3E-08	0.00113	1.11E-04	5.60517E-06	0.001276	2.94E-08	1.39E-03	9.81E-05	4.31E-06	0.00243	3.04E-08	0.002532
1429	495461.06	3858401.99	0.04817	0.0519	0.04759	0.04688	9.05E-05	4.6E-06	0.00103	5.2E-08	0.00113	1.11E-04	5.57937E-06	0.001273	2.93E-08	1.39E-03	9.78E-05	4.29E-06	0.002424	3.03E-08	0.002526
1430	495511.06	3858401.99	0.04793	0.05158	0.04738	0.04664	9.01E-05	4.5E-06	0.00103	5.2E-08	0.00112	1.10E-04	5.54497E-06	0.001267	2.92E-08	1.38E-03	9.73E-05	4.27E-06	0.002413	3.01E-08	0.002515
1431	495561.06	3858401.99	0.04731	0.05086	0.04698	0.04616	8.89E-05	4.5E-06	0.00102	5.2E-08	0.00111	1.09E-04	5.46756E-06	0.001257	2.89E-08	1.37E-03	9.61E-05	4.21E-06	0.002393	2.98E-08	0.002493
1432	495611.06	3858401.99	0.04708	0.05056	0.04683	0.04596	8.85E-05	4.4E-06	0.00102	5.1E-08	0.00111	1.08E-04	5.43531E-06	0.001253	2.87E-08	1.37E-03	9.56E-05	4.18E-06	0.002385	2.97E-08	0.002485
1433	495661.06	3858401.99	0.04739	0.05083	0.04696	0.04605	8.91E-05	4.5E-06	0.00102	5.1E-08	0.00111	1.09E-04	5.46434E-06	0.001256	2.88E-08	1.37E-03	9.62E-05	4.2E-06	0.002392	2.97E-08	0.002492
1434	494311.06	3858451.99	0.0661	0.07399	0.0644	0.06283	1.24E-04	6.5E-06	0.0014	7E-08	0.00153	1.52E-04	7.95409E-06	0.001722	3.93E-08	1.88E-03	0.000134	6.12E-06	0.00328	4.06E-08	0.00342
1435	494361.06	3858451.99	0.06515	0.07283	0.06352	0.06197	1.22E-04	6.4E-06	0.00138	6.9E-08	0.00151	1.50E-04	7.82939E-06	0.001699	3.88E-08	1.86E-03	0.000132	6.02E-06	0.003235	4E-08	0.003373
1436	494411.06	3858451.99	0.06435	0.07184	0.06279	0.06125	1.21E-04	6.3E-06	0.00136	6.8E-08	0.00149	1.48E-04	7.72296E-06	0.001679	3.83E-08	1.84E-03	0.000131	5.94E-06	0.003198	3.96E-08	0.003335
1437	494461.06	3858451.99	0.06365	0.07097	0.06217	0.0606	1.20E-04	6.2E-06	0.00135	6.8E-08	0.00148	1.47E-04	7.62943E-06	0.001663	3.79E-08	1.82E-03	0.000129	5.87E-06	0.003166	3.91E-08	0.003301
1438	494511.06	3858451.99	0.06323	0.07043	0.06182	0.0602	1.19E-04	6.2E-06	0.00134	6.7E-08	0.00147	1.46E-04	7.57138E-06	0.001653	3.77E-08	1.81E-03	0.000128	5.82E-06	0.003149	3.89E-08	0.003283
1439	494561.06	3858451.99	0.06234	0.06934	0.06098	0.05937	1.17E-04	6.1E-06	0.00132	6.6E-08	0.00145	1.44E-04	7.45421E-06	0.001631	3.71E-08	1.78E-03	0.000127	5.73E-06	0.003106	3.84E-08	0.003238
1440	494611.06	3858451.99	0.06167	0.0685	0.06037	0.05876	1.16E-04	6E-06	0.00131	6.6E-08	0.00143	1.42E-04	7.3639E-06	0.001615	3.68E-08	1.76E-03	0.000125	5.66E-06	0.003075	3.8E-08	0.003206
1441	494661.06	3858451.99	0.06095	0.06761	0.05971	0.0581	1.15E-04	5.9E-06	0.0013	6.5E-08	0.00142	1.40E-04	7.26823E-06	0.001597	3.63E-08	1.74E-03	0.000124	5.59E-06	0.003041	3.75E-08	0.00317
1442	494711.06	3858451.99	0.06001	0.06647	0.05882	0.05727	1.13E-04	5.8E-06	0.00128	6.4E-08	0.0014	1.38E-04	7.14567E-06	0.001573	3.58E-08	1.72E-03	0.000122	5.5E-06	0.002996	3.7E-08	0.003123
1443	494761.06	3858451.99	0.05906	0.06533	0.05792	0.05642	1.11E-04	5.7E-06	0.00126	6.3E-08	0.00137	1.36E-04	7.02312E-06	0.001549	3.53E-08	1.69E-03	0.00012	5.4E-06	0.00295	3.64E-08	0.003075
1444	494811.06	3858451.99	0.05831	0.06441	0.05722	0.05575	1.10E-04	5.7E-06	0.00124	6.2E-08	0.00136	1.34E-04	6.92422E-06	0.00153	3.49E-08	1.67E-03	0.000118	5.33E-06	0.002914	3.6E-08	0.003038
1445	494861.06	3858451.99	0.05746	0.06333	0.05642	0.055	1.08E-04	5.6E-06	0.00123	6.1E-08	0.00134	1.32E-04	6.80812E-06	0.001509	3.44E-08	1.65E-03	0.000117	5.24E-06	0.002874	3.55E-08	0.002995
1446	494911.06	3858451.99	0.05646	0.06214	0.05548	0.05401	1.06E-04	5.5E-06	0.0012	6E-08	0.00132	1.30E-04	6.68019E-06	0.001484	3.38E-08	1.62E-03	0.000115	5.14E-06	0.002826	3.49E-08	0.002945
1447	494961.06	3858451.99	0.05553	0.06101	0.05455	0.05329	1.04E-04	5.4E-06	0.00118	6E-08	0.00129	1.28E-04	6.55871E-06	0.001459	3.33E-08	1.59E-03	0.000113	5.05E-06	0.002778	3.44E-08	0.002896
1448	495011.06	3858451.99	0.0545	0.05978	0.05356	0.0524	1.02E-04	5.2E-06	0.00116	5.9E-08	0.00127	1.26E-04	6.42648E-06	0.001432	3.28E-08	1.56E-03	0.000111	4.94E-06	0.002728	3.38E-08	0.002843
1449	495061.06	3858451.99	0.05403	0.05919	0.05314	0.05196	1.02E-04	5.2E-06	0.00115	5.8E-08	0.00126	1.24E-04	6.36306E-06	0.001421	3.25E-08	1.55E-03	0.00011	4.89E-06	0.002706	3.36E-08	0.002821
1450	495111.06	3858451.99	0.05304	0.05801	0.05217	0.0511	9.97E-05	5.1E-06	0.00113	5.7E-08	0.00124	1.22E-04	6.2362E-06	0.001395	3.2E-08	1.52E-03	0.000108	4.8E-06	0.002657	3.3E-08	0.00277
1451	495161.06	3858451.99	0.05193	0.0567	0.05108	0.05013	9.76E-05	5E-06	0.00111	5.6E-08	0.00121	1.20E-04	6.09538E-06	0.001366	3.14E-08	1.49E-03	0.000105	4.69E-06	0.002602	3.24E-08	0.002712
1452	495211.06	3858451.99	0.05094	0.05553	0.05012	0.04924	9.57E-05	4.9E-06	0.00109	5.5E-08	0.00119	1.17E-04	5.9696E-06	0.00134	3.08E-08	1.46E-03	0.000103	4.59E-06	0.002553	3.18E-08	0.002661
1453	495261.06	3858451.99	0.0503	0.05475	0.04952	0.04867	9.45E-05	4.8E-06	0.00108	5.4E-08	0.00117	1.16E-04	5.88575E-06	0.001324	3.04E-08	1.45E-03	0.000102	4.53E-06	0.002522	3.14E-08	0.002629
1454	495311.06	3858451.99	0.04978	0.05411	0.04903	0.04818	9.35E-05	4.7E-06	0.00106	5.4E-08	0.00116	1.15E-04	5.81695E-06	0.001311	3.01E-08	1.43E-03	0.000101	4.47E-06	0.002497	3.11E-08	0.002603
1455	495361.06	3858451.99	0.04935	0.05357	0.04864	0.04778	9.27E-05	4.7E-06	0.00106	5.3E-08	0.00115	1.14E-04	5.7589E-06	0.001301	2.99E-08	1.42E-03	0.0001	4.43E-06	0.002477	3.09E-08	0.002582
1456	495411.06	3858451.99	0.04915	0.05329	0.04849	0.04757	9.24E-05	4.7E-06	0.00105	5.3E-08	0.00115	1.13E-04	5.72879E-06	0.001297	2.98E-08	1.42E-03	9.98E-05	4.41E-06	0.00247	3.07E-08	0.002574
1457	495461.06	3858451.99	0.04901	0.05308	0.04839	0.0474	9.21E-05	4.7E-06	0.00105	5.3E-08	0.00115	1.13E-04	5.70622E-06	0.001294	2.96E-08	1.41E-03	9.95E-05	4.39E-06	0.002465	3.06E-08	0.002568
1458	495511.06	3858451.99	0.04849	0.05245	0.04791	0.04694	9.11E-05	4.6E-06	0.00104	5.2E-08	0.00114	1.12E-04	5.63849E-06	0.001281	2.94E-08	1.40E-03	9.85E-05	4.34E-06	0.00244	3.03E-08	0.002543
1459	495561.06	3858451.99	0.04856	0.05247	0.04802	0.04695	9.13E-05	4.6E-06	0.00104	5.2E-08	0.00114	1.12E-04	5.64064E-06	0.001284	2.94E-08	1.40E-03	9.86E-05	4.34E-06	0.002446	3.03E-08	0.002549
1460	495611.06	3858451.99	0.04793	0.05171	0.04742	0.04639	9.01E-05	4.5E-06	0.00103	5.2E-08	0.00112	1.10E-04	5.55894E-06	0.001268	2.9E-08	1.38E-03	9.73E-05	4.28E-06	0.002415	3E-08	0.002517

1461	495661.06	3858451.99	0.04786	0.05158	0.04739	0.04629	8.99E-05	4.5E-06	0.00103	5.2E-08	0.00112	1.10E-04	5.54497E-06	0.001267	2.9E-08	1.38E-03	9.72E-05	4.27E-06	0.002414	2.99E-08	0.002515
1462	494311.06	3858501.99	0.06621	0.07434	0.06436	0.06271	1.24E-04	6.5E-06	0.0014	7E-08	0.00153	1.52E-04	7.99172E-06	0.001721	3.92E-08	1.88E-03	0.000134	6.15E-06	0.003278	4.05E-08	0.003419
1463	494361.06	3858501.99	0.06559	0.07356	0.06382	0.06214	1.23E-04	6.5E-06	0.00139	6.9E-08	0.00152	1.51E-04	7.90786E-06	0.001707	3.89E-08	1.87E-03	0.000133	6.08E-06	0.00325	4.01E-08	0.00339
1464	494411.06	3858501.99	0.06487	0.07268	0.06318	0.06148	1.22E-04	6.4E-06	0.00137	6.9E-08	0.0015	1.49E-04	7.81326E-06	0.00169	3.85E-08	1.85E-03	0.000132	6.01E-06	0.003218	3.97E-08	0.003356
1465	494461.06	3858501.99	0.06442	0.0721	0.06281	0.06105	1.21E-04	6.3E-06	0.00136	6.8E-08	0.00149	1.48E-04	7.75091E-06	0.00168	3.82E-08	1.84E-03	0.000131	5.96E-06	0.003199	3.94E-08	0.003336
1466	494511.06	3858501.99	0.06345	0.07092	0.0619	0.06018	1.19E-04	6.2E-06	0.00134	6.7E-08	0.00147	1.46E-04	7.62406E-06	0.001656	3.76E-08	1.81E-03	0.000129	5.86E-06	0.003153	3.89E-08	0.003287
1467	494561.06	3858501.99	0.06352	0.07096	0.06206	0.06019	1.19E-04	6.2E-06	0.00135	6.7E-08	0.00147	1.46E-04	7.62836E-06	0.00166	3.76E-08	1.81E-03	0.000129	5.87E-06	0.003161	3.89E-08	0.003296
1468	494611.06	3858501.99	0.06269	0.06995	0.06129	0.05944	1.18E-04	6.1E-06	0.00133	6.6E-08	0.00145	1.44E-04	7.51978E-06	0.001639	3.72E-08	1.79E-03	0.000127	5.78E-06	0.003122	3.84E-08	0.003255
1469	494661.06	3858501.99	0.06215	0.06927	0.06082	0.05894	1.17E-04	6.1E-06	0.00132	6.6E-08	0.00144	1.43E-04	7.44668E-06	0.001627	3.69E-08	1.78E-03	0.000126	5.73E-06	0.003098	3.81E-08	0.00323
1470	494711.06	3858501.99	0.06119	0.06811	0.05992	0.05809	1.15E-04	6E-06	0.0013	6.5E-08	0.00142	1.41E-04	7.32198E-06	0.001603	3.63E-08	1.75E-03	0.000124	5.63E-06	0.003052	3.75E-08	0.003182
1471	494761.06	3858501.99	0.06011	0.0668	0.05888	0.05711	1.13E-04	5.9E-06	0.00128	6.4E-08	0.0014	1.38E-04	7.18115E-06	0.001575	3.57E-08	1.72E-03	0.000122	5.52E-06	0.002999	3.69E-08	0.003126
1472	494811.06	3858501.99	0.05911	0.06559	0.05793	0.05623	1.11E-04	5.8E-06	0.00126	6.3E-08	0.00137	1.36E-04	7.05107E-06	0.001549	3.52E-08	1.69E-03	0.00012	5.42E-06	0.00295	3.63E-08	0.003076
1473	494861.06	3858501.99	0.05842	0.06474	0.0573	0.05561	1.10E-04	5.7E-06	0.00124	6.2E-08	0.00136	1.35E-04	6.9597E-06	0.001533	3.48E-08	1.67E-03	0.000119	5.35E-06	0.002918	3.59E-08	0.003042
1474	494911.06	3858501.99	0.05706	0.06312	0.05597	0.05443	1.07E-04	5.5E-06	0.00122	6.1E-08	0.00133	1.31E-04	6.78554E-06	0.001497	3.4E-08	1.64E-03	0.000116	5.22E-06	0.002851	3.52E-08	0.002972
1475	494961.06	3858501.99	0.05637	0.06223	0.05533	0.05381	1.06E-04	5.5E-06	0.0012	6E-08	0.00131	1.30E-04	6.68986E-06	0.00148	3.37E-08	1.62E-03	0.000114	5.15E-06	0.002818	3.48E-08	0.002938
1476	495011.06	3858501.99	0.05521	0.06085	0.05421	0.05281	1.04E-04	5.3E-06	0.00118	5.9E-08	0.00129	1.27E-04	6.54151E-06	0.00145	3.3E-08	1.58E-03	0.000112	5.03E-06	0.002761	3.41E-08	0.002878
1477	495061.06	3858501.99	0.05473	0.06025	0.05377	0.05236	1.03E-04	5.3E-06	0.00117	5.9E-08	0.00128	1.26E-04	6.47701E-06	0.001438	3.27E-08	1.57E-03	0.000111	4.98E-06	0.002739	3.38E-08	0.002855
1478	495111.06	3858501.99	0.0533	0.05856	0.05236	0.05114	1.00E-04	5.1E-06	0.00114	5.7E-08	0.00124	1.23E-04	6.29533E-06	0.0014	3.2E-08	1.53E-03	0.000108	4.84E-06	0.002667	3.3E-08	0.00278
1479	495161.06	3858501.99	0.05239	0.05748	0.05148	0.05035	9.85E-05	5E-06	0.00112	5.6E-08	0.00122	1.21E-04	6.17923E-06	0.001377	3.15E-08	1.50E-03	0.000106	4.75E-06	0.002622	3.25E-08	0.002733
1480	495211.06	3858501.99	0.05151	0.05642	0.05063	0.04959	9.68E-05	4.9E-06	0.0011	5.5E-08	0.0012	1.19E-04	6.06528E-06	0.001354	3.1E-08	1.48E-03	0.000105	4.67E-06	0.002579	3.2E-08	0.002688
1481	495261.06	3858501.99	0.05089	0.05567	0.05005	0.04901	9.56E-05	4.9E-06	0.00109	5.5E-08	0.00119	1.17E-04	5.98465E-06	0.001339	3.07E-08	1.46E-03	0.000103	4.6E-06	0.002549	3.17E-08	0.002657
1482	495311.06	3858501.99	0.05053	0.05522	0.04974	0.04867	9.50E-05	4.8E-06	0.00108	5.4E-08	0.00118	1.16E-04	5.93627E-06	0.00133	3.04E-08	1.45E-03	0.000103	4.57E-06	0.002533	3.14E-08	0.00264
1483	495361.06	3858501.99	0.0502	0.05479	0.04945	0.04836	9.43E-05	4.8E-06	0.00107	5.4E-08	0.00117	1.16E-04	5.89005E-06	0.001323	3.02E-08	1.44E-03	0.000102	4.53E-06	0.002519	3.12E-08	0.002625
1484	495411.06	3858501.99	0.04998	0.05448	0.04927	0.04813	9.39E-05	4.8E-06	0.00107	5.4E-08	0.00117	1.15E-04	5.85672E-06	0.001318	3.01E-08	1.44E-03	0.000101	4.51E-06	0.002509	3.11E-08	0.002615
1485	495461.06	3858501.99	0.04977	0.05419	0.0491	0.04791	9.35E-05	4.8E-06	0.00107	5.4E-08	0.00116	1.15E-04	5.82555E-06	0.001313	3E-08	1.43E-03	0.000101	4.48E-06	0.002501	3.09E-08	0.002606
1486	495511.06	3858501.99	0.04943	0.05376	0.04881	0.04757	9.29E-05	4.7E-06	0.00106	5.3E-08	0.00116	1.14E-04	5.77932E-06	0.001305	2.98E-08	1.43E-03	0.0001	4.45E-06	0.002486	3.07E-08	0.002591
1487	495561.06	3858501.99	0.04948	0.05375	0.04891	0.04759	9.30E-05	4.7E-06	0.00106	5.3E-08	0.00116	1.14E-04	5.77825E-06	0.001308	2.98E-08	1.43E-03	0.0001	4.45E-06	0.002491	3.07E-08	0.002596
1488	495611.06	3858501.99	0.04891	0.05307	0.0486	0.04717	9.19E-05	4.7E-06	0.00106	5.3E-08	0.00115	1.13E-04	5.70514E-06	0.0013	2.95E-08	1.42E-03	9.93E-05	4.39E-06	0.002475	3.05E-08	0.002579
1489	495661.06	3858501.99	0.04886	0.05296	0.04837	0.04697	9.18E-05	4.6E-06	0.00105	5.2E-08	0.00115	1.13E-04	5.69332E-06	0.001294	2.94E-08	1.41E-03	9.92E-05	4.38E-06	0.002464	3.03E-08	0.002567
1490	494311.06	3858551.99	0.065	0.07312	0.06329	0.06154	1.22E-04	6.4E-06	0.00137	6.9E-08	0.0015	1.50E-04	7.86056E-06	0.001693	3.85E-08	1.85E-03	0.000132	6.05E-06	0.003223	3.98E-08	0.003361
1491	494361.06	3858551.99	0.0654	0.07356	0.06378	0.06182	1.23E-04	6.5E-06	0.00139	6.9E-08	0.00151	1.51E-04	7.90786E-06	0.001706	3.87E-08	1.86E-03	0.000133	6.08E-06	0.003248	3.99E-08	0.003387
1492	494411.06	3858551.99	0.06578	0.07393	0.06395	0.06206	1.24E-04	6.5E-06	0.00139	6.9E-08	0.00152	1.51E-04	7.94764E-06	0.00171	3.88E-08	1.87E-03	0.000134	6.11E-06	0.003257	4.01E-08	0.003397
1493	494461.06	3858551.99	0.06558	0.07367	0.06384	0.06185	1.23E-04	6.5E-06	0.00139	6.9E-08	0.00152	1.51E-04	7.91969E-06	0.001707	3.87E-08	1.87E-03	0.000133	6.09E-06	0.003251	4E-08	0.003391
1494	494511.06	3858551.99	0.06504	0.073	0.06338	0.06135	1.22E-04	6.4E-06	0.00138	6.9E-08	0.00151	1.50E-04	7.84766E-06	0.001695	3.84E-08	1.85E-03	0.000132	6.04E-06	0.003228	3.96E-08	0.003366
1495	494561.06	3858551.99	0.0646	0.07245	0.06302	0.06093	1.21E-04	6.4E-06	0.00137	6.8E-08	0.0015	1.49E-04	7.78854E-06	0.001686	3.81E-08	1.84E-03	0.000131	5.99E-06	0.00321	3.94E-08	0.003347
1496	494611.06	3858551.99	0.06394	0.07163	0.06243	0.06032	1.20E-04	6.3E-06	0.00136	6.7E-08	0.00148	1.47E-04	7.70039E-06	0.00167	3.77E-08	1.82E-03	0.00013	5.92E-06	0.00318	3.9E-08	0.003315
1497	494661.06	3858551.99	0.06336	0.07091	0.06192	0.05979	1.19E-04	6.2E-06	0.00134	6.7E-08	0.00147	1.46E-04	7.62298E-06	0.001656	3.74E-08	1.81E-03	0.000129	5.86E-06	0.003154	3.86E-08	0.003288
1498	494711.06	3858551.99	0.06229	0.06961	0.06091	0.05883	1.17E-04	6.1E-06	0.00132	6.6E-08	0.00145	1.43E-04	7.48323E-06	0.001629	3.68E-08	1.78E-03	0.000126	5.76E-06	0.003102	3.8E-08	0.003234
1499	494761.06	3858551.99	0.06123	0.06834	0.05991	0.0579	1.15E-04	6E-06	0.0013	6.5E-08	0.00142	1.41E-04	7.3467E-06	0.001602	3.62E-08	1.75E-03	0.000124	5.65E-06	0.003051	3.74E-08	0.003181
1500	494811.06	3858551.99	0.06042	0.06734	0.05915	0.05717	1.14E-04	5.9E-06	0.00128	6.4E-08	0.0014	1.39E-04	7.2392E-06	0.001582	3.58E-08	1.73E-03	0.000123	5.57E-06	0.003013	3.69E-08	0.003141
1501	494861.06	3858551.99	0.05936	0.06607	0.05815	0.05624	1.12E-04	5.8E-06	0.00126	6.3E-08	0.00138	1.37E-04	7.10267E-06	0.001555	3.52E-08	1.70E-03	0.000121	5.46E-06	0.002962	3.63E-08	0.003088
1502	494911.06	3858551.99	0.05816	0.06464	0.057	0.05518	1.09E-04	5.7E-06	0.00124	6.2E-08	0.00135	1.34E-04	6.94894E-06	0.001525	3.45E-08	1.67E-03	0.000118	5.35E-06	0.002903	3.56E-08	0.003027
1503	494961.06	3858551.99	0.05722	0.0635	0.0561	0.05435	1.08E-04	5.6E-06	0.00122	6.1E-08	0.00133	1.32E-04	6.82639E-06	0.0015	3.4E-08	1.64E-03	0.000116	5.25E-06	0.002857	3.51E-08	0.002979
1504	495011.06	3858551.99	0.05601	0.06206	0.05493	0.0533	1.05E-04	5.4E-06	0.00119	6E-08	0.0013	1.29E-04	6.67159E-06	0.001469	3.33E-08	1.60E-03	0.000114	5.13E-06	0.002798	3.44E-08	0.002917
1505	495061.06	3858551.99	0.05529	0.06112	0.05425	0.05265	1.04E-04	5.4E-06	0.00118	5.9E-08	0.00129	1.27E-04	6.57054E-06	0.001451	3.29E-08	1.58E-03	0.000112	5.05E-06	0.002763	3.4E-08	0.00288
1506	495111.06	3858551.99	0.05385	0.05944	0.05285	0.05143	1.01E-04	5.2E-06	0.00115	5.7E-08	0.00125	1.24E-04	6.38993E-06	0.001414	3.22E-08	1.54E-03	0.000109	4.92E-06	0.002692	3.32E-08	0.002806
1507	495161.06	3858551.99	0.05294	0.05834	0.05196	0.05063	9.95E-05	5.1E-06	0.00113	5.7E-08	0.00123	1.22E-04	6.27168E-06	0.00139	3.17E-08	1.52E-03	0.000107	4.82E-06	0.002646	3.27E-08	0.002759
1508	495211.06	3858551.99	0.05214	0.05738	0.0512	0.04994	9.80E-05	5E-06	0.00111	5.6E-08	0.00121	1.20E-04	6.16848E-06	0.001369	3.12E-08	1.50E-03	0.000106	4.75E-06	0.002608	3.23E-08	0.002718
1509	495261.06	3858551.99	0.05158	0.05671	0.05069	0.04944	9.69E-05	5E-06	0.0011	5.5E-08	0.0012	1.19E-04	6.09645E-06	0.001356	3.09E-08	1.48E-03	0.000105	4.69E-06	0.002582	3.19E-08	0.002691
1510	495311.06	3858551.99	0.05132	0.05635	0.05047	0.04917	9.64E-05	4.9E-06	0.0011	5.5E-08	0.0012	1.18E-04	6.05775E-06	0.00135	3.08E-08	1.47E-03	0.000104	4.66E-06	0.00257	3.18E-08	0.002679
1511	495361.06	3858551.99	0.05099	0.05593	0.05019	0.04886	9.58E-05	4.9E-06	0.00109	5.5E-08	0.00119	1.17E-04	6.0126E-06	0.001342	3.06E-08	1.47E-03	0.000104	4.63E-06	0.002556	3.16E-08	0.002664
1512	495411.06	3858551.99	0.05085	0.05572	0.05009	0.0487	9.56E-05	4.9E-06	0.00109	5.4E-08	0.00119	1.17E-04	5.99002E-06	0.00134	3.05E-08	1.46E-03	0.000103	4.61E-06	0.002551	3.15E-08	0.002659
1513	495461.06	3858551.99	0.05058	0.05537	0.04987	0.04844	9.51E-05	4.9E-06	0.00108	5.4E-08	0.00118	1.16E-04	5.9524E-06	0.001334	3.03E-08	1.46E-03	0.000103	4.58E-06	0.00254	3.13E-08	0.002647
1514	495511.06	3858551.99	0.05046	0.05518	0.0498	0.0483	9.48E-05	4.8E-06	0.00108	5.4E-08	0.00118	1.16E-04	5.93197E-06	0.001332	3.02E-08	1.45E-03	0.000102	4.56E-06	0.002536	3.12E-08	0.002643
1515	495561.06	3858551.99	0.05019	0.05483	0.04958	0.04804	9.43E-05	4.8E-06	0.00108	5.4E-08	0.00118	1.16E-04	5.89435E-06	0.001326	3E-08	1.45E-03	0.000102	4.53E-06	0.002525	3.1E-08	0.002632
1516	495611.06	3858551.99	0.04986	0.05439	0.04928	0.04772	9.37E-05	4.8E-06	0.00107	5.3E-08	0.00117	1.15E-04	5.84705E-06	0.001318	2.98E-08	1.44E-03	0.000101	4.5E-06	0.00251	3.08E-08	0.002616
1517	495661.06	3858551.99	0.04947	0.0539	0.04893	0.04737	9.30E-05	4.7E-06	0.00106	5.3E-08	0.00116	1.14E-04	5.79437E-06	0.001309	2.96E-08	1.43E-03	0.0001	4.46E-06	0.002492	3.06E-08	0.002597
1518	494311.06	3858601.99	0.06162	0.06924	0.05943	0.05851	1.16E-04	6.1E-06	0.00129	6.5E-08	0.00141	1.42E-04	7.44346E-06	0.001589	3.66E-08	1.74E-03	0.000125	5.73E-06	0.003027	3.78E-08	0.003158
1519	494361.06	3858601.99	0.06479	0.07299	0.06301	0.06116	1.22E-04	6.4E-06	0.00137	6.8E-08	0.0015	1.49E-04	7.84659E-06	0.001685	3.83E-08	1.84E-03	0.000132	6.04E-06	0.003209	3.95E-08	0.003347
1520	494411.06	3858601.99	0.06706	0.07561	0.06509	0.06304	1.26E-04	6.6E-06	0.00141	7E-08	0.00155	1.54E-04	8.12824E-06	0.001741	3.94E-08	1.90E-03	0.000136	6.25E-06	0.003315	4.07E-08	0.003458
1521	494461.06	3858601.99	0.06682	0.0753	0.06494	0.0628	1.26E-04	6.6E-06	0.00141	7E-08	0.00154	1.54E-04	8.09492E-06	0.001737	3.93E-08	1.90E-03	0.000136	6.23E-06	0.003307	4.06E-08	0.003449

1522	494511.06	3858601.99	0.066	0.07433	0.06425	0.06187	1.24E-04	6.5E-06	0.0014	6.9E-08	0.00153	1.52E-04	7.99064E-06	0.001718	3.87E-08	1.88E-03	0.000134	6.15E-06	0.003272	4E-08	0.003412
1523	494561.06	3858601.99	0.06597	0.07424	0.06426	0.062	1.24E-04	6.5E-06	0.0014	6.9E-08	0.00153	1.52E-04	7.98097E-06	0.001719	3.88E-08	1.88E-03	0.000134	6.14E-06	0.003273	4.01E-08	0.003413
1524	494611.06	3858601.99	0.06508	0.07315	0.06344	0.06119	1.22E-04	6.4E-06	0.00138	6.8E-08	0.00151	1.50E-04	7.86379E-06	0.001697	3.83E-08	1.85E-03	0.000132	6.05E-06	0.003231	3.95E-08	0.003369
1525	494661.06	3858601.99	0.06442	0.07235	0.06287	0.06059	1.21E-04	6.3E-06	0.00137	6.8E-08	0.00149	1.48E-04	7.77779E-06	0.001682	3.79E-08	1.84E-03	0.000131	5.98E-06	0.003202	3.91E-08	0.003339
1526	494711.06	3858601.99	0.06342	0.07114	0.06193	0.05965	1.19E-04	6.2E-06	0.00134	6.7E-08	0.00147	1.46E-04	7.64771E-06	0.001656	3.73E-08	1.81E-03	0.000129	5.88E-06	0.003154	3.85E-08	0.003289
1527	494761.06	3858601.99	0.06243	0.06993	0.061	0.05876	1.17E-04	6.1E-06	0.00132	6.6E-08	0.00145	1.44E-04	7.51763E-06	0.001631	3.68E-08	1.78E-03	0.000127	5.78E-06	0.003107	3.8E-08	0.003239
1528	494811.06	3858601.99	0.06095	0.06817	0.05959	0.05747	1.15E-04	6E-06	0.00129	6.4E-08	0.00141	1.40E-04	7.32843E-06	0.001594	3.59E-08	1.74E-03	0.000124	5.64E-06	0.003035	3.71E-08	0.003164
1529	494861.06	3858601.99	0.06016	0.06721	0.05886	0.05676	1.13E-04	5.9E-06	0.00128	6.3E-08	0.0014	1.39E-04	7.22523E-06	0.001574	3.55E-08	1.72E-03	0.000122	5.56E-06	0.002998	3.67E-08	0.003126
1530	494911.06	3858601.99	0.0588	0.06558	0.05754	0.05557	1.10E-04	5.8E-06	0.00125	6.2E-08	0.00137	1.35E-04	7.05E-06	0.001539	3.48E-08	1.68E-03	0.000119	5.42E-06	0.002931	3.59E-08	0.003055
1531	494961.06	3858601.99	0.05784	0.06444	0.05664	0.05471	1.09E-04	5.7E-06	0.00123	6.1E-08	0.00134	1.33E-04	6.92744E-06	0.001515	3.42E-08	1.66E-03	0.000117	5.33E-06	0.002885	3.53E-08	0.003008
1532	495011.06	3858601.99	0.05685	0.06325	0.0557	0.05384	1.07E-04	5.5E-06	0.00121	6E-08	0.00132	1.31E-04	6.79952E-06	0.00149	3.37E-08	1.63E-03	0.000115	5.23E-06	0.002837	3.48E-08	0.002958
1533	495061.06	3858601.99	0.05582	0.06201	0.05471	0.05294	1.05E-04	5.4E-06	0.00119	5.9E-08	0.0013	1.29E-04	6.66621E-06	0.001463	3.31E-08	1.60E-03	0.000113	5.13E-06	0.002786	3.42E-08	0.002905
1534	495111.06	3858601.99	0.05429	0.06021	0.05321	0.05164	1.02E-04	5.3E-06	0.00116	5.8E-08	0.00126	1.25E-04	6.47271E-06	0.001423	3.23E-08	1.55E-03	0.00011	4.98E-06	0.00271	3.34E-08	0.002825
1535	495161.06	3858601.99	0.05349	0.05919	0.05245	0.05094	1.01E-04	5.2E-06	0.00114	5.7E-08	0.00124	1.23E-04	6.36306E-06	0.001403	3.19E-08	1.53E-03	0.000109	4.89E-06	0.002671	3.29E-08	0.002785
1536	495211.06	3858601.99	0.05297	0.05856	0.05198	0.05047	9.95E-05	5.1E-06	0.00113	5.6E-08	0.00123	1.22E-04	6.29533E-06	0.00139	3.16E-08	1.52E-03	0.000108	4.84E-06	0.002647	3.26E-08	0.00276
1537	495261.06	3858601.99	0.05238	0.05784	0.05143	0.04993	9.84E-05	5.1E-06	0.00112	5.6E-08	0.00122	1.21E-04	6.21793E-06	0.001376	3.12E-08	1.50E-03	0.000106	4.78E-06	0.002619	3.23E-08	0.002731
1538	495311.06	3858601.99	0.05195	0.05731	0.05105	0.04954	9.76E-05	5E-06	0.00111	5.5E-08	0.00121	1.20E-04	6.16095E-06	0.001365	3.1E-08	1.49E-03	0.000105	4.74E-06	0.0026	3.2E-08	0.00271
1539	495361.06	3858601.99	0.05172	0.05699	0.05086	0.0493	9.72E-05	5E-06	0.0011	5.5E-08	0.00121	1.19E-04	6.12655E-06	0.00136	3.08E-08	1.49E-03	0.000105	4.71E-06	0.00259	3.18E-08	0.0027
1540	495411.06	3858601.99	0.05148	0.05668	0.05068	0.04907	9.67E-05	5E-06	0.0011	5.5E-08	0.0012	1.19E-04	6.09323E-06	0.001355	3.07E-08	1.48E-03	0.000105	4.69E-06	0.002581	3.17E-08	0.00269
1541	495461.06	3858601.99	0.0513	0.05643	0.05055	0.04888	9.64E-05	5E-06	0.0011	5.5E-08	0.0012	1.18E-04	6.06635E-06	0.001352	3.06E-08	1.48E-03	0.000104	4.67E-06	0.002575	3.16E-08	0.002683
1542	495511.06	3858601.99	0.05086	0.05588	0.05014	0.04848	9.56E-05	4.9E-06	0.00109	5.4E-08	0.00119	1.17E-04	6.00723E-06	0.001341	3.03E-08	1.46E-03	0.000103	4.62E-06	0.002554	3.13E-08	0.002662
1543	495561.06	3858601.99	0.0508	0.05576	0.05013	0.04838	9.55E-05	4.9E-06	0.00109	5.4E-08	0.00119	1.17E-04	5.99432E-06	0.001341	3.03E-08	1.46E-03	0.000103	4.61E-06	0.002553	3.13E-08	0.002661
1544	495611.06	3858601.99	0.05027	0.05511	0.04963	0.04791	9.45E-05	4.8E-06	0.00108	5.4E-08	0.00118	1.16E-04	5.92445E-06	0.001327	3E-08	1.45E-03	0.000102	4.56E-06	0.002528	3.09E-08	0.002634
1545	495661.06	3858601.99	0.05013	0.0549	0.04954	0.04776	9.42E-05	4.8E-06	0.00108	5.3E-08	0.00117	1.15E-04	5.90187E-06	0.001325	2.99E-08	1.45E-03	0.000102	4.54E-06	0.002523	3.09E-08	0.002629
1546	494311.06	3858651.99	0.06088	0.06848	0.05853	0.0577	1.14E-04	6E-06	0.00127	6.4E-08	0.00139	1.40E-04	7.36175E-06	0.001565	3.61E-08	1.71E-03	0.000124	5.66E-06	0.002981	3.73E-08	0.00311
1547	494361.06	3858651.99	0.06397	0.07214	0.06202	0.06029	1.20E-04	6.3E-06	0.00135	6.7E-08	0.00147	1.47E-04	7.75521E-06	0.001659	3.77E-08	1.81E-03	0.00013	5.97E-06	0.003159	3.89E-08	0.003295
1548	494411.06	3858651.99	0.06748	0.07629	0.0656	0.06326	1.27E-04	6.7E-06	0.00142	7.1E-08	0.00156	1.55E-04	8.20135E-06	0.001755	3.96E-08	1.92E-03	0.000137	6.31E-06	0.003341	4.09E-08	0.003484
1549	494461.06	3858651.99	0.06775	0.07654	0.0657	0.06349	1.27E-04	6.7E-06	0.00143	7.1E-08	0.00156	1.56E-04	8.22822E-06	0.001757	3.97E-08	1.92E-03	0.000138	6.33E-06	0.003346	4.1E-08	0.00349
1550	494511.06	3858651.99	0.0672	0.07586	0.06524	0.06298	1.26E-04	6.7E-06	0.00142	7E-08	0.00155	1.55E-04	8.15512E-06	0.001745	3.94E-08	1.91E-03	0.000136	6.27E-06	0.003323	4.07E-08	0.003465
1551	494561.06	3858651.99	0.06684	0.07541	0.06497	0.06264	1.26E-04	6.6E-06	0.00141	7E-08	0.00154	1.54E-04	8.10674E-06	0.001738	3.92E-08	1.90E-03	0.000136	6.24E-06	0.003309	4.05E-08	0.003451
1552	494611.06	3858651.99	0.0663	0.07475	0.06452	0.06215	1.25E-04	6.6E-06	0.0014	6.9E-08	0.00153	1.53E-04	8.03579E-06	0.001726	3.89E-08	1.89E-03	0.000135	6.18E-06	0.003286	4.01E-08	0.003427
1553	494661.06	3858651.99	0.06547	0.07374	0.06377	0.06139	1.23E-04	6.5E-06	0.00138	6.9E-08	0.00151	1.51E-04	7.92722E-06	0.001706	3.84E-08	1.86E-03	0.000133	6.1E-06	0.003248	3.97E-08	0.003387
1554	494711.06	3858651.99	0.06433	0.07236	0.06271	0.06035	1.21E-04	6.3E-06	0.00136	6.7E-08	0.00149	1.48E-04	7.77886E-06	0.001677	3.77E-08	1.83E-03	0.000131	5.98E-06	0.003194	3.9E-08	0.00333
1555	494761.06	3858651.99	0.06344	0.07129	0.0619	0.05955	1.19E-04	6.3E-06	0.00134	6.7E-08	0.00147	1.46E-04	7.66383E-06	0.001656	3.72E-08	1.81E-03	0.000129	5.9E-06	0.003153	3.85E-08	0.003287
1556	494811.06	3858651.99	0.06212	0.06971	0.06065	0.05837	1.17E-04	6.1E-06	0.00132	6.5E-08	0.00144	1.43E-04	7.49398E-06	0.001622	3.65E-08	1.77E-03	0.000126	5.76E-06	0.003089	3.77E-08	0.003221
1557	494861.06	3858651.99	0.06092	0.06827	0.05952	0.05727	1.14E-04	6E-06	0.00129	6.4E-08	0.00141	1.40E-04	7.33918E-06	0.001592	3.58E-08	1.74E-03	0.000124	5.65E-06	0.003031	3.7E-08	0.003161
1558	494911.06	3858651.99	0.05959	0.06668	0.05825	0.05611	1.12E-04	5.8E-06	0.00126	6.3E-08	0.00138	1.37E-04	7.16825E-06	0.001558	3.51E-08	1.70E-03	0.000121	5.51E-06	0.002967	3.62E-08	0.003093
1559	494961.06	3858651.99	0.0584	0.06526	0.05711	0.05506	1.10E-04	5.7E-06	0.00124	6.2E-08	0.00136	1.34E-04	7.0156E-06	0.001527	3.44E-08	1.67E-03	0.000119	5.4E-06	0.002909	3.56E-08	0.003033
1560	495011.06	3858651.99	0.05748	0.06416	0.05624	0.05425	1.08E-04	5.6E-06	0.00122	6.1E-08	0.00134	1.32E-04	6.89734E-06	0.001504	3.39E-08	1.64E-03	0.000117	5.31E-06	0.002864	3.5E-08	0.002986
1561	495061.06	3858651.99	0.05644	0.06291	0.05525	0.05332	1.06E-04	5.5E-06	0.0012	6E-08	0.00131	1.30E-04	6.76297E-06	0.001478	3.33E-08	1.61E-03	0.000115	5.2E-06	0.002814	3.44E-08	0.002934
1562	495111.06	3858651.99	0.05522	0.06147	0.05407	0.05226	1.04E-04	5.4E-06	0.00117	5.8E-08	0.00128	1.27E-04	6.60816E-06	0.001446	3.27E-08	1.58E-03	0.000112	5.08E-06	0.002754	3.38E-08	0.002871
1563	495161.06	3858651.99	0.05445	0.06054	0.05335	0.05159	1.02E-04	5.3E-06	0.00116	5.8E-08	0.00127	1.25E-04	6.50819E-06	0.001427	3.23E-08	1.56E-03	0.000111	5.01E-06	0.002717	3.33E-08	0.002833
1564	495211.06	3858651.99	0.05354	0.05946	0.05248	0.05079	1.01E-04	5.2E-06	0.00114	5.7E-08	0.00125	1.23E-04	6.39208E-06	0.001404	3.18E-08	1.53E-03	0.000109	4.92E-06	0.002673	3.28E-08	0.002786
1565	495261.06	3858651.99	0.05329	0.05913	0.05228	0.05054	1.00E-04	5.2E-06	0.00114	5.6E-08	0.00124	1.23E-04	6.35661E-06	0.001398	3.16E-08	1.53E-03	0.000108	4.89E-06	0.002663	3.26E-08	0.002776
1566	495311.06	3858651.99	0.05283	0.05857	0.05187	0.05012	9.93E-05	5.1E-06	0.00113	5.6E-08	0.00123	1.22E-04	6.29641E-06	0.001387	3.13E-08	1.52E-03	0.000107	4.84E-06	0.002642	3.24E-08	0.002754
1567	495361.06	3858651.99	0.05257	0.05823	0.05166	0.04987	9.88E-05	5.1E-06	0.00112	5.6E-08	0.00123	1.21E-04	6.25986E-06	0.001382	3.12E-08	1.51E-03	0.000107	4.82E-06	0.002631	3.22E-08	0.002743
1568	495411.06	3858651.99	0.05241	0.05801	0.05155	0.04969	9.85E-05	5.1E-06	0.00112	5.6E-08	0.00122	1.21E-04	6.2362E-06	0.001379	3.11E-08	1.51E-03	0.000106	4.8E-06	0.002625	3.21E-08	0.002737
1569	495461.06	3858651.99	0.05237	0.05792	0.05156	0.04962	9.84E-05	5.1E-06	0.00112	5.5E-08	0.00122	1.21E-04	6.22653E-06	0.001379	3.1E-08	1.51E-03	0.000106	4.79E-06	0.002626	3.21E-08	0.002737
1570	495511.06	3858651.99	0.05184	0.05722	0.05107	0.04915	9.74E-05	5E-06	0.00111	5.5E-08	0.00121	1.19E-04	6.15128E-06	0.001366	3.07E-08	1.49E-03	0.000105	4.73E-06	0.002601	3.17E-08	0.002711
1571	495561.06	3858651.99	0.05147	0.05674	0.05074	0.0488	9.67E-05	5E-06	0.0011	5.5E-08	0.0012	1.19E-04	6.09968E-06	0.001357	3.05E-08	1.48E-03	0.000105	4.69E-06	0.002584	3.15E-08	0.002693
1572	495611.06	3858651.99	0.05086	0.05601	0.05017	0.04826	9.56E-05	4.9E-06	0.00109	5.4E-08	0.00119	1.17E-04	6.0212E-06	0.001342	3.02E-08	1.47E-03	0.000103	4.63E-06	0.002555	3.12E-08	0.002663
1573	495661.06	3858651.99	0.05069	0.05577	0.05004	0.04809	9.53E-05	4.9E-06	0.00109	5.4E-08	0.00119	1.17E-04	5.9954E-06	0.001338	3.01E-08	1.46E-03	0.000103	4.61E-06	0.002549	3.11E-08	0.002656
1574	494311.06	3858701.99	0.06163	0.06945	0.05911	0.05812	1.16E-04	6.1E-06	0.00128	6.5E-08	0.00141	1.42E-04	7.46603E-06	0.001581	3.64E-08	1.73E-03	0.000125	5.74E-06	0.003011	3.75E-08	0.003141
1575	494361.06	3858701.99	0.06591	0.07456	0.06376	0.06177	1.24E-04	6.5E-06	0.00138	6.9E-08	0.00152	1.52E-04	8.01537E-06	0.001705	3.86E-08	1.87E-03	0.000134	6.17E-06	0.003247	3.99E-08	0.003387
1576	494411.06	3858701.99	0.06831	0.07741	0.06622	0.06388	1.28E-04	6.8E-06	0.00144	7.1E-08	0.00157	1.57E-04	8.32175E-06	0.001771	4E-08	1.94E-03	0.000139	6.4E-06	0.003373	4.13E-08	0.003518
1577	494461.06	3858701.99	0.06825	0.07732	0.06625	0.06382	1.28E-04	6.8E-06	0.00144	7.1E-08	0.00157	1.57E-04	8.31207E-06	0.001772	3.99E-08	1.94E-03	0.000139	6.39E-06	0.003374	4.12E-08	0.003519
1578	494511.06	3858701.99	0.06812	0.07709	0.06597	0.06372	1.28E-04	6.8E-06	0.00143	7.1E-08	0.00157	1.57E-04	8.28735E-06	0.001764	3.99E-08	1.93E-03	0.000138	6.38E-06	0.00336	4.12E-08	0.003505
1579	494561.06	3858701.99	0.06761	0.07646	0.06557	0.06326	1.27E-04	6.7E-06	0.00142	7.1E-08	0.00156	1.56E-04	8.21962E-06	0.001754	3.96E-08	1.92E-03	0.000137	6.32E-06	0.00334	4.09E-08	0.003483
1580	494611.06	3858701.99	0.06625	0.07482	0.06431	0.06201	1.24E-04	6.6E-06	0.0014	6.9E-08	0.00153	1.53E-04	8.04332E-06	0.00172	3.88E-08	1.88E-03	0.000135	6.19E-06	0.003275	4.01E-08	0.003416
1581	494661.06	3858701.99	0.06612	0.07464	0.06427	0.06188	1.24E-04	6.5E-06	0.0014	6.9E-08	0.00153	1.52E-04	8.02397E-06	0.001719	3.87E-08	1.88E-03	0.000134	6.17E-06	0.003273	4E-08	0.003414
1582	494711.06	3858701.99	0.06326	0.07122	0.06151	0.05931	1.19E-04	6.2E-06	0.00134	6.6E-08	0.00146	1.46E-04	7.65631E-06	0.001645	3.71E-08	1.80E-03	0.000128	5.89E-06	0.003133	3.83E-08	0.003267

1583	494761.06	3858701.99	0.0638	0.07185	0.06213	0.05977	1.20E-04	6.3E-06	0.00135	6.7E-08	0.00148	1.47E-04	7.72404E-06	0.001662	3.74E-08	1.82E-03	0.00013	5.94E-06	0.003164	3.86E-08	0.0033
1584	494811.06	3858701.99	0.06249	0.07028	0.0609	0.05859	1.17E-04	6.2E-06	0.00132	6.5E-08	0.00145	1.44E-04	7.55526E-06	0.001629	3.66E-08	1.78E-03	0.000127	5.81E-06	0.003102	3.78E-08	0.003234
1585	494861.06	3858701.99	0.06144	0.06902	0.05992	0.05765	1.15E-04	6.1E-06	0.0013	6.4E-08	0.00142	1.41E-04	7.4198E-06	0.001603	3.61E-08	1.75E-03	0.000125	5.71E-06	0.003052	3.72E-08	0.003182
1586	494911.06	3858701.99	0.06053	0.06793	0.05908	0.0568	1.14E-04	6E-06	0.00128	6.3E-08	0.0014	1.39E-04	7.30263E-06	0.00158	3.55E-08	1.73E-03	0.000123	5.62E-06	0.003009	3.67E-08	0.003138
1587	494961.06	3858701.99	0.05874	0.0658	0.05735	0.05523	1.10E-04	5.8E-06	0.00125	6.2E-08	0.00136	1.35E-04	7.07365E-06	0.001534	3.45E-08	1.68E-03	0.000119	5.44E-06	0.002921	3.57E-08	0.003046
1588	495011.06	3858701.99	0.05762	0.06446	0.05628	0.05424	1.08E-04	5.7E-06	0.00122	6.1E-08	0.00134	1.33E-04	6.92959E-06	0.001505	3.39E-08	1.64E-03	0.000117	5.33E-06	0.002866	3.5E-08	0.002989
1589	495061.06	3858701.99	0.05711	0.06384	0.05583	0.05377	1.07E-04	5.6E-06	0.00121	6E-08	0.00133	1.32E-04	6.86294E-06	0.001493	3.36E-08	1.63E-03	0.000116	5.28E-06	0.002843	3.47E-08	0.002965
1590	495111.06	3858701.99	0.0558	0.06229	0.05458	0.05264	1.05E-04	5.5E-06	0.00119	5.9E-08	0.0013	1.28E-04	6.69631E-06	0.00146	3.29E-08	1.60E-03	0.000113	5.15E-06	0.00278	3.4E-08	0.002898
1591	495161.06	3858701.99	0.05516	0.06151	0.05398	0.05205	1.04E-04	5.4E-06	0.00117	5.8E-08	0.00128	1.27E-04	6.61246E-06	0.001444	3.26E-08	1.58E-03	0.000112	5.09E-06	0.002749	3.36E-08	0.002866
1592	495211.06	3858701.99	0.05427	0.06046	0.05314	0.05127	1.02E-04	5.3E-06	0.00115	5.7E-08	0.00126	1.25E-04	6.49959E-06	0.001421	3.21E-08	1.55E-03	0.00011	5E-06	0.002706	3.31E-08	0.002822
1593	495261.06	3858701.99	0.05405	0.06018	0.05298	0.05105	1.02E-04	5.3E-06	0.00115	5.7E-08	0.00126	1.24E-04	6.46948E-06	0.001417	3.19E-08	1.55E-03	0.00011	4.98E-06	0.002698	3.3E-08	0.002813
1594	495311.06	3858701.99	0.05385	0.05991	0.05282	0.05084	1.01E-04	5.3E-06	0.00115	5.7E-08	0.00125	1.24E-04	6.44046E-06	0.001413	3.18E-08	1.54E-03	0.000109	4.95E-06	0.00269	3.28E-08	0.002804
1595	495361.06	3858701.99	0.05349	0.05946	0.05252	0.0505	1.01E-04	5.2E-06	0.00114	5.6E-08	0.00125	1.23E-04	6.39208E-06	0.001405	3.16E-08	1.53E-03	0.000109	4.92E-06	0.002675	3.26E-08	0.002788
1596	495411.06	3858701.99	0.05341	0.05934	0.05249	0.0504	1.00E-04	5.2E-06	0.00114	5.6E-08	0.00125	1.23E-04	6.37918E-06	0.001404	3.15E-08	1.53E-03	0.000108	4.91E-06	0.002673	3.26E-08	0.002787
1597	495461.06	3858701.99	0.05314	0.059	0.05227	0.05014	9.99E-05	5.2E-06	0.00114	5.6E-08	0.00124	1.22E-04	6.34263E-06	0.001398	3.14E-08	1.53E-03	0.000108	4.88E-06	0.002662	3.24E-08	0.002775
1598	495511.06	3858701.99	0.05273	0.05848	0.0519	0.04976	9.91E-05	5.1E-06	0.00113	5.6E-08	0.00123	1.21E-04	6.28673E-06	0.001388	3.11E-08	1.52E-03	0.000107	4.84E-06	0.002643	3.21E-08	0.002755
1599	495561.06	3858701.99	0.05222	0.05787	0.05143	0.0493	9.81E-05	5.1E-06	0.00112	5.5E-08	0.00122	1.20E-04	6.22115E-06	0.001376	3.08E-08	1.50E-03	0.000106	4.79E-06	0.002619	3.18E-08	0.00273
1600	495611.06	3858701.99	0.0517	0.05723	0.05096	0.04884	9.72E-05	5E-06	0.00111	5.5E-08	0.00121	1.19E-04	6.15235E-06	0.001363	3.05E-08	1.49E-03	0.000105	4.73E-06	0.002595	3.15E-08	0.002705
1601	495661.06	3858701.99	0.05139	0.05684	0.05069	0.04855	9.66E-05	5E-06	0.0011	5.4E-08	0.0012	1.18E-04	6.11043E-06	0.001356	3.04E-08	1.48E-03	0.000104	4.7E-06	0.002582	3.14E-08	0.002691
1602	494311.06	3858751.99	0.06265	0.07079	0.05999	0.05864	1.18E-04	6.2E-06	0.0013	6.6E-08	0.00143	1.44E-04	7.61008E-06	0.001604	3.67E-08	1.76E-03	0.000127	5.85E-06	0.003055	3.79E-08	0.003188
1603	494361.06	3858751.99	0.06752	0.07661	0.06513	0.06304	1.27E-04	6.7E-06	0.00141	7E-08	0.00155	1.55E-04	8.23575E-06	0.001742	3.94E-08	1.91E-03	0.000137	6.34E-06	0.003317	4.07E-08	0.003461
1604	494411.06	3858751.99	0.06929	0.07872	0.06694	0.06468	1.30E-04	6.9E-06	0.00145	7.2E-08	0.00159	1.60E-04	8.46258E-06	0.00179	4.05E-08	1.96E-03	0.000141	6.51E-06	0.003409	4.18E-08	0.003557
1605	494461.06	3858751.99	0.0692	0.07859	0.06695	0.06462	1.30E-04	6.9E-06	0.00145	7.2E-08	0.00159	1.59E-04	8.4486E-06	0.001791	4.04E-08	1.96E-03	0.000141	6.5E-06	0.00341	4.17E-08	0.003557
1606	494511.06	3858751.99	0.06926	0.07856	0.06687	0.06472	1.30E-04	6.9E-06	0.00145	7.2E-08	0.00159	1.59E-04	8.44538E-06	0.001788	4.05E-08	1.96E-03	0.000141	6.5E-06	0.003406	4.18E-08	0.003553
1607	494561.06	3858751.99	0.06843	0.07761	0.06629	0.06383	1.29E-04	6.8E-06	0.00144	7.1E-08	0.00158	1.58E-04	8.34325E-06	0.001773	3.99E-08	1.94E-03	0.000139	6.42E-06	0.003376	4.12E-08	0.003522
1608	494611.06	3858751.99	0.06732	0.07623	0.06521	0.06276	1.27E-04	6.7E-06	0.00142	7E-08	0.00155	1.55E-04	8.1949E-06	0.001744	3.93E-08	1.91E-03	0.000137	6.3E-06	0.003321	4.05E-08	0.003464
1609	494661.06	3858751.99	0.06664	0.07544	0.06483	0.06227	1.25E-04	6.6E-06	0.00141	7E-08	0.00154	1.53E-04	8.10997E-06	0.001734	3.89E-08	1.90E-03	0.000135	6.24E-06	0.003302	4.02E-08	0.003443
1610	494711.06	3858751.99	0.06502	0.07348	0.06333	0.06078	1.22E-04	6.4E-06	0.00138	6.8E-08	0.0015	1.50E-04	7.89926E-06	0.001694	3.8E-08	1.85E-03	0.000132	6.08E-06	0.003225	3.93E-08	0.003364
1611	494761.06	3858751.99	0.0645	0.07279	0.06267	0.06032	1.21E-04	6.4E-06	0.00136	6.7E-08	0.00149	1.49E-04	7.82509E-06	0.001676	3.77E-08	1.83E-03	0.000131	6.02E-06	0.003192	3.9E-08	0.003329
1612	494811.06	3858751.99	0.06308	0.07109	0.06135	0.05903	1.19E-04	6.2E-06	0.00133	6.6E-08	0.00146	1.45E-04	7.64233E-06	0.001641	3.69E-08	1.79E-03	0.000128	5.88E-06	0.003125	3.81E-08	0.003259
1613	494861.06	3858751.99	0.06184	0.0696	0.0602	0.05791	1.16E-04	6.1E-06	0.00131	6.5E-08	0.00143	1.42E-04	7.48216E-06	0.00161	3.62E-08	1.76E-03	0.000126	5.76E-06	0.003066	3.74E-08	0.003197
1614	494911.06	3858751.99	0.06047	0.06796	0.0589	0.05668	1.14E-04	6E-06	0.00128	6.3E-08	0.0014	1.39E-04	7.30585E-06	0.001575	3.55E-08	1.72E-03	0.000123	5.62E-06	0.003	3.66E-08	0.003128
1615	494961.06	3858751.99	0.05948	0.06678	0.05799	0.0558	1.12E-04	5.9E-06	0.00126	6.2E-08	0.00138	1.37E-04	7.179E-06	0.001551	3.49E-08	1.70E-03	0.000121	5.52E-06	0.002953	3.6E-08	0.00308
1616	495011.06	3858751.99	0.05881	0.06597	0.05738	0.05515	1.11E-04	5.8E-06	0.00125	6.2E-08	0.00136	1.35E-04	7.09192E-06	0.001535	3.45E-08	1.68E-03	0.000119	5.46E-06	0.002922	3.56E-08	0.003047
1617	495061.06	3858751.99	0.05779	0.06476	0.05642	0.05425	1.09E-04	5.7E-06	0.00123	6.1E-08	0.00134	1.33E-04	6.96185E-06	0.001509	3.39E-08	1.65E-03	0.000117	5.36E-06	0.002874	3.5E-08	0.002996
1618	495111.06	3858751.99	0.0566	0.06334	0.05528	0.0532	1.06E-04	5.6E-06	0.0012	5.9E-08	0.00131	1.30E-04	6.80919E-06	0.001479	3.33E-08	1.62E-03	0.000115	5.24E-06	0.002815	3.44E-08	0.002936
1619	495161.06	3858751.99	0.05591	0.06252	0.05465	0.05258	1.05E-04	5.5E-06	0.00119	5.9E-08	0.0013	1.29E-04	6.72104E-06	0.001462	3.29E-08	1.60E-03	0.000114	5.17E-06	0.002783	3.4E-08	0.002902
1620	495211.06	3858751.99	0.05503	0.06147	0.05383	0.05181	1.03E-04	5.4E-06	0.00117	5.8E-08	0.00128	1.27E-04	6.60816E-06	0.00144	3.24E-08	1.57E-03	0.000112	5.08E-06	0.002742	3.35E-08	0.002858
1621	495261.06	3858751.99	0.05477	0.06114	0.05362	0.05155	1.03E-04	5.4E-06	0.00116	5.8E-08	0.00127	1.26E-04	6.57269E-06	0.001434	3.22E-08	1.57E-03	0.000111	5.06E-06	0.002731	3.33E-08	0.002847
1622	495311.06	3858751.99	0.05457	0.06089	0.05348	0.05135	1.03E-04	5.3E-06	0.00116	5.7E-08	0.00127	1.26E-04	6.54581E-06	0.00143	3.21E-08	1.56E-03	0.000111	5.04E-06	0.002724	3.32E-08	0.00284
1623	495361.06	3858751.99	0.05424	0.06047	0.05319	0.05104	1.02E-04	5.3E-06	0.00116	5.7E-08	0.00126	1.25E-04	6.50066E-06	0.001423	3.19E-08	1.55E-03	0.00011	5E-06	0.002709	3.3E-08	0.002824
1624	495411.06	3858751.99	0.05423	0.06044	0.05324	0.051	1.02E-04	5.3E-06	0.00116	5.7E-08	0.00126	1.25E-04	6.49744E-06	0.001424	3.19E-08	1.56E-03	0.00011	5E-06	0.002712	3.29E-08	0.002827
1625	495461.06	3858751.99	0.05396	0.0601	0.05302	0.05074	1.01E-04	5.3E-06	0.00115	5.7E-08	0.00126	1.24E-04	6.46088E-06	0.001418	3.17E-08	1.55E-03	0.00011	4.97E-06	0.0027	3.28E-08	0.002815
1626	495511.06	3858751.99	0.05354	0.05958	0.05264	0.05035	1.01E-04	5.2E-06	0.00114	5.6E-08	0.00125	1.23E-04	6.40498E-06	0.001408	3.15E-08	1.54E-03	0.000109	4.93E-06	0.002681	3.25E-08	0.002795
1627	495561.06	3858751.99	0.05305	0.05899	0.0522	0.04991	9.97E-05	5.2E-06	0.00113	5.6E-08	0.00124	1.22E-04	6.34156E-06	0.001396	3.12E-08	1.52E-03	0.000108	4.88E-06	0.002659	3.22E-08	0.002771
1628	495611.06	3858751.99	0.05256	0.0584	0.05176	0.04946	9.88E-05	5.1E-06	0.00112	5.5E-08	0.00123	1.21E-04	6.27813E-06	0.001384	3.09E-08	1.51E-03	0.000107	4.83E-06	0.002636	3.19E-08	0.002748
1629	495661.06	3858751.99	0.05218	0.05792	0.05141	0.0491	9.81E-05	5.1E-06	0.00112	5.5E-08	0.00122	1.20E-04	6.22653E-06	0.001375	3.07E-08	1.50E-03	0.000106	4.79E-06	0.002618	3.17E-08	0.002729
1630	494311.06	3858801.99	0.06459	0.0732	0.06193	0.06029	1.21E-04	6.4E-06	0.00134	6.7E-08	0.00147	1.49E-04	7.86916E-06	0.001656	3.77E-08	1.81E-03	0.000131	6.05E-06	0.003154	3.89E-08	0.003291
1631	494361.06	3858801.99	0.0687	0.07815	0.06603	0.06401	1.29E-04	6.9E-06	0.00143	7.2E-08	0.00157	1.58E-04	8.4013E-06	0.001766	4E-08	1.93E-03	0.000139	6.46E-06	0.003363	4.13E-08	0.003509
1632	494411.06	3858801.99	0.06958	0.07919	0.06697	0.06518	1.31E-04	6.9E-06	0.00145	7.3E-08	0.00159	1.60E-04	8.5131E-06	0.001791	4.08E-08	1.96E-03	0.000141	6.55E-06	0.003411	4.21E-08	0.003559
1633	494461.06	3858801.99	0.06993	0.07959	0.0674	0.06533	1.31E-04	7E-06	0.00146	7.3E-08	0.0016	1.61E-04	8.5561E-06	0.001803	4.09E-08	1.97E-03	0.000142	6.58E-06	0.003433	4.22E-08	0.003581
1634	494511.06	3858801.99	0.07007	0.07967	0.06741	0.06556	1.32E-04	7E-06	0.00146	7.3E-08	0.0016	1.61E-04	8.5647E-06	0.001803	4.1E-08	1.97E-03	0.000142	6.59E-06	0.003433	4.23E-08	0.003582
1635	494561.06	3858801.99	0.06969	0.07918	0.06714	0.06523	1.31E-04	6.9E-06	0.00146	7.3E-08	0.0016	1.60E-04	8.51203E-06	0.001796	4.08E-08	1.96E-03	0.000141	6.55E-06	0.003419	4.21E-08	0.003568
1636	494611.06	3858801.99	0.06899	0.07833	0.06657	0.06458	1.30E-04	6.9E-06	0.00145	7.2E-08	0.00158	1.59E-04	8.42065E-06	0.00178	4.04E-08	1.95E-03	0.00014	6.48E-06	0.00339	4.17E-08	0.003537
1637	494661.06	3858801.99	0.06785	0.07693	0.06556	0.06342	1.28E-04	6.7E-06	0.00142	7.1E-08	0.00156	1.56E-04	8.27015E-06	0.001753	3.97E-08	1.92E-03	0.000138	6.36E-06	0.003339	4.1E-08	0.003483
1638	494711.06	3858801.99	0.06649	0.0753	0.06435	0.06213	1.25E-04	6.6E-06	0.0014	6.9E-08	0.00153	1.53E-04	8.09492E-06	0.001721	3.89E-08	1.88E-03	0.000135	6.23E-06	0.003277	4.01E-08	0.003419
1639	494761.06	3858801.99	0.06492	0.07339	0.0629	0.06065	1.22E-04	6.4E-06	0.00137	6.8E-08	0.00149	1.49E-04	7.88959E-06	0.001682	3.79E-08	1.84E-03	0.000132	6.07E-06	0.003204	3.92E-08	0.003341
1640	494811.06	3858801.99	0.06329	0.07144	0.0614	0.05915	1.19E-04	6.3E-06	0.00133	6.6E-08	0.00146	1.46E-04	7.67996E-06	0.001642	3.7E-08	1.80E-03	0.000129	5.91E-06	0.003127	3.82E-08	0.003262
1641	494861.06	3858801.99	0.06243	0.0704	0.06062	0.05836	1.17E-04	6.2E-06	0.00132	6.5E-08	0.00144	1.44E-04	7.56816E-06	0.001621	3.65E-08	1.77E-03	0.000127	5.82E-06	0.003087	3.77E-08	0.00322
1642	494911.06	3858801.99	0.06111	0.06883	0.05941	0.05717	1.15E-04	6E-06	0.00129	6.4E-08	0.00141	1.41E-04	7.39938E-06	0.001589	3.58E-08	1.74E-03	0.000124	5.69E-06	0.003026	3.69E-08	0.003156
1643	494961.06	3858801.99	0.06015	0.06767	0.05852	0.05629	1.13E-04	5.9E-06	0.00127	6.3E-08	0.00139	1.39E-04	7.27468E-06	0.001565	3.52E-08	1.71E-03	0.000122	5.6E-06	0.00298	3.64E-08	0.003108

1644	495011.06	3858801.99	0.05912	0.06645	0.05758	0.05537	1.11E-04	5.8E-06	0.00125	6.2E-08	0.00137	1.36E-04	7.14352E-06	0.00154	3.46E-08	1.68E-03	0.00012	5.5E-06	0.002933	3.58E-08	0.003058
1645	495061.06	3858801.99	0.05847	0.06566	0.057	0.05478	1.10E-04	5.8E-06	0.00124	6.1E-08	0.00135	1.35E-04	7.0586E-06	0.001525	3.43E-08	1.67E-03	0.000119	5.43E-06	0.002903	3.54E-08	0.003027
1646	495111.06	3858801.99	0.05716	0.0641	0.05575	0.05359	1.07E-04	5.6E-06	0.00121	6E-08	0.00132	1.32E-04	6.89089E-06	0.001491	3.35E-08	1.63E-03	0.000116	5.3E-06	0.002839	3.46E-08	0.002961
1647	495161.06	3858801.99	0.0562	0.06297	0.05486	0.05274	1.06E-04	5.5E-06	0.00119	5.9E-08	0.0013	1.29E-04	6.76942E-06	0.001467	3.3E-08	1.60E-03	0.000114	5.21E-06	0.002794	3.41E-08	0.002913
1648	495211.06	3858801.99	0.05569	0.06235	0.0544	0.05227	1.05E-04	5.5E-06	0.00118	5.8E-08	0.00129	1.28E-04	6.70276E-06	0.001455	3.27E-08	1.59E-03	0.000113	5.16E-06	0.002771	3.38E-08	0.002889
1649	495261.06	3858801.99	0.05546	0.06206	0.05423	0.05204	1.04E-04	5.4E-06	0.00118	5.8E-08	0.00129	1.28E-04	6.67159E-06	0.00145	3.25E-08	1.58E-03	0.000113	5.13E-06	0.002762	3.36E-08	0.00288
1650	495311.06	3858801.99	0.05532	0.06188	0.05415	0.05189	1.04E-04	5.4E-06	0.00118	5.8E-08	0.00129	1.27E-04	6.65224E-06	0.001448	3.25E-08	1.58E-03	0.000112	5.12E-06	0.002758	3.35E-08	0.002875
1651	495361.06	3858801.99	0.05502	0.06151	0.0539	0.05161	1.03E-04	5.4E-06	0.00117	5.8E-08	0.00128	1.27E-04	6.61246E-06	0.001442	3.23E-08	1.57E-03	0.000112	5.09E-06	0.002745	3.33E-08	0.002862
1652	495411.06	3858801.99	0.05516	0.06165	0.0541	0.05171	1.04E-04	5.4E-06	0.00117	5.8E-08	0.00128	1.27E-04	6.62751E-06	0.001447	3.23E-08	1.58E-03	0.000112	5.1E-06	0.002755	3.34E-08	0.002872
1653	495461.06	3858801.99	0.05482	0.06124	0.05381	0.05139	1.03E-04	5.4E-06	0.00117	5.7E-08	0.00128	1.26E-04	6.58344E-06	0.001439	3.21E-08	1.57E-03	0.000111	5.06E-06	0.002741	3.32E-08	0.002857
1654	495511.06	3858801.99	0.05432	0.06063	0.05336	0.05093	1.02E-04	5.3E-06	0.00116	5.7E-08	0.00127	1.25E-04	6.51786E-06	0.001427	3.19E-08	1.56E-03	0.00011	5.01E-06	0.002718	3.29E-08	0.002833
1655	495561.06	3858801.99	0.05392	0.06013	0.053	0.05056	1.01E-04	5.3E-06	0.00115	5.6E-08	0.00126	1.24E-04	6.46411E-06	0.001418	3.16E-08	1.55E-03	0.000109	4.97E-06	0.002699	3.27E-08	0.002814
1656	495611.06	3858801.99	0.0533	0.05939	0.05242	0.05	1.00E-04	5.2E-06	0.00114	5.6E-08	0.00124	1.23E-04	6.38456E-06	0.001402	3.13E-08	1.53E-03	0.000108	4.91E-06	0.00267	3.23E-08	0.002783
1657	495661.06	3858801.99	0.05301	0.05903	0.05218	0.04973	9.96E-05	5.2E-06	0.00113	5.6E-08	0.00124	1.22E-04	6.34586E-06	0.001396	3.11E-08	1.52E-03	0.000108	4.88E-06	0.002658	3.21E-08	0.00277
1658	494311.06	3858851.99	0.06892	0.07848	0.06589	0.06412	1.30E-04	6.9E-06	0.00143	7.2E-08	0.00157	1.59E-04	8.43678E-06	0.001762	4.01E-08	1.93E-03	0.00014	6.49E-06	0.003356	4.14E-08	0.003502
1659	494361.06	3858851.99	0.07111	0.08114	0.06804	0.06636	1.34E-04	7.1E-06	0.00148	7.4E-08	0.00162	1.64E-04	8.72273E-06	0.00182	4.15E-08	1.99E-03	0.000144	6.71E-06	0.003465	4.29E-08	0.003616
1660	494411.06	3858851.99	0.07082	0.08078	0.06787	0.06615	1.33E-04	7.1E-06	0.00147	7.4E-08	0.00161	1.63E-04	8.68403E-06	0.001815	4.14E-08	1.99E-03	0.000144	6.68E-06	0.003457	4.27E-08	0.003607
1661	494461.06	3858851.99	0.07085	0.0808	0.06799	0.06626	1.33E-04	7.1E-06	0.00148	7.4E-08	0.00162	1.63E-04	8.68618E-06	0.001818	4.14E-08	1.99E-03	0.000144	6.68E-06	0.003463	4.28E-08	0.003613
1662	494511.06	3858851.99	0.07069	0.08051	0.06773	0.06621	1.33E-04	7.1E-06	0.00147	7.4E-08	0.00161	1.63E-04	8.65501E-06	0.001811	4.14E-08	1.98E-03	0.000144	6.66E-06	0.00345	4.28E-08	0.0036
1663	494561.06	3858851.99	0.07019	0.07989	0.06735	0.06576	1.32E-04	7E-06	0.00146	7.3E-08	0.0016	1.62E-04	8.58835E-06	0.001801	4.11E-08	1.97E-03	0.000143	6.61E-06	0.00343	4.25E-08	0.003579
1664	494611.06	3858851.99	0.06933	0.07884	0.06664	0.06493	1.30E-04	6.9E-06	0.00145	7.3E-08	0.00158	1.60E-04	8.47548E-06	0.001782	4.06E-08	1.95E-03	0.000141	6.52E-06	0.003394	4.19E-08	0.003541
1665	494661.06	3858851.99	0.06824	0.07752	0.06571	0.06388	1.28E-04	6.8E-06	0.00143	7.1E-08	0.00156	1.57E-04	8.33357E-06	0.001757	4E-08	1.92E-03	0.000139	6.41E-06	0.003347	4.13E-08	0.003492
1666	494711.06	3858851.99	0.06668	0.07562	0.06431	0.06235	1.25E-04	6.6E-06	0.0014	7E-08	0.00153	1.54E-04	8.12932E-06	0.00172	3.9E-08	1.88E-03	0.000135	6.25E-06	0.003275	4.03E-08	0.003417
1667	494761.06	3858851.99	0.06517	0.0738	0.06295	0.06085	1.22E-04	6.5E-06	0.00137	6.8E-08	0.0015	1.50E-04	7.93367E-06	0.001684	3.81E-08	1.84E-03	0.000132	6.1E-06	0.003206	3.93E-08	0.003345
1668	494811.06	3858851.99	0.06391	0.07228	0.06182	0.05967	1.20E-04	6.3E-06	0.00134	6.7E-08	0.00147	1.47E-04	7.77026E-06	0.001653	3.73E-08	1.81E-03	0.00013	5.98E-06	0.003149	3.85E-08	0.003284
1669	494861.06	3858851.99	0.06308	0.07128	0.0611	0.05891	1.19E-04	6.3E-06	0.00133	6.6E-08	0.00145	1.45E-04	7.66276E-06	0.001634	3.68E-08	1.79E-03	0.000128	5.89E-06	0.003112	3.81E-08	0.003246
1670	494911.06	3858851.99	0.06192	0.06988	0.06004	0.05783	1.16E-04	6.1E-06	0.0013	6.5E-08	0.00143	1.43E-04	7.51226E-06	0.001606	3.62E-08	1.76E-03	0.000126	5.78E-06	0.003058	3.74E-08	0.003189
1671	494961.06	3858851.99	0.0609	0.06866	0.05912	0.05691	1.14E-04	6E-06	0.00128	6.4E-08	0.0014	1.40E-04	7.3811E-06	0.001581	3.56E-08	1.73E-03	0.000124	5.68E-06	0.003011	3.68E-08	0.00314
1672	495011.06	3858851.99	0.06008	0.06768	0.05839	0.05616	1.13E-04	5.9E-06	0.00127	6.3E-08	0.00139	1.38E-04	7.27575E-06	0.001562	3.51E-08	1.71E-03	0.000122	5.6E-06	0.002974	3.63E-08	0.003101
1673	495061.06	3858851.99	0.05911	0.06651	0.0575	0.05527	1.11E-04	5.8E-06	0.00125	6.2E-08	0.00137	1.36E-04	7.14997E-06	0.001538	3.46E-08	1.68E-03	0.00012	5.5E-06	0.002929	3.57E-08	0.003054
1674	495111.06	3858851.99	0.05734	0.06442	0.05582	0.0537	1.08E-04	5.7E-06	0.00121	6E-08	0.00133	1.32E-04	6.92529E-06	0.001493	3.36E-08	1.63E-03	0.000116	5.33E-06	0.002843	3.47E-08	0.002965
1675	495161.06	3858851.99	0.05642	0.06332	0.05497	0.05284	1.06E-04	5.6E-06	0.00119	5.9E-08	0.00131	1.30E-04	6.80704E-06	0.00147	3.3E-08	1.61E-03	0.000115	5.24E-06	0.0028	3.41E-08	0.002919
1676	495211.06	3858851.99	0.05646	0.06335	0.05507	0.05285	1.06E-04	5.6E-06	0.0012	5.9E-08	0.00131	1.30E-04	6.81027E-06	0.001473	3.31E-08	1.61E-03	0.000115	5.24E-06	0.002805	3.41E-08	0.002925
1677	495261.06	3858851.99	0.05621	0.06303	0.05488	0.05261	1.06E-04	5.5E-06	0.00119	5.9E-08	0.0013	1.29E-04	6.77587E-06	0.001468	3.29E-08	1.60E-03	0.000114	5.21E-06	0.002795	3.4E-08	0.002914
1678	495311.06	3858851.99	0.05614	0.06294	0.05487	0.05257	1.05E-04	5.5E-06	0.00119	5.9E-08	0.0013	1.29E-04	6.76619E-06	0.001468	3.29E-08	1.60E-03	0.000114	5.21E-06	0.002795	3.4E-08	0.002914
1679	495361.06	3858851.99	0.05594	0.06269	0.05473	0.05237	1.05E-04	5.5E-06	0.00119	5.9E-08	0.0013	1.29E-04	6.73932E-06	0.001464	3.28E-08	1.60E-03	0.000114	5.18E-06	0.002787	3.38E-08	0.002906
1680	495411.06	3858851.99	0.05574	0.06244	0.05459	0.05218	1.05E-04	5.5E-06	0.00119	5.8E-08	0.0013	1.28E-04	6.71244E-06	0.00146	3.26E-08	1.60E-03	0.000113	5.16E-06	0.00278	3.37E-08	0.002899
1681	495461.06	3858851.99	0.0556	0.06225	0.0545	0.05203	1.04E-04	5.5E-06	0.00118	5.8E-08	0.00129	1.28E-04	6.69201E-06	0.001458	3.25E-08	1.59E-03	0.000113	5.15E-06	0.002776	3.36E-08	0.002894
1682	495511.06	3858851.99	0.05532	0.06193	0.05433	0.05164	1.04E-04	5.4E-06	0.00118	5.8E-08	0.00129	1.27E-04	6.65761E-06	0.001453	3.23E-08	1.59E-03	0.000112	5.12E-06	0.002767	3.34E-08	0.002885
1683	495561.06	3858851.99	0.05443	0.06085	0.05344	0.05094	1.02E-04	5.3E-06	0.00116	5.7E-08	0.00127	1.25E-04	6.54151E-06	0.001429	3.19E-08	1.56E-03	0.000111	5.03E-06	0.002722	3.29E-08	0.002837
1684	495611.06	3858851.99	0.05378	0.06006	0.05282	0.05034	1.01E-04	5.3E-06	0.00115	5.6E-08	0.00125	1.24E-04	6.45658E-06	0.001413	3.15E-08	1.54E-03	0.000109	4.97E-06	0.00269	3.25E-08	0.002804
1685	495661.06	3858851.99	0.05363	0.05986	0.05272	0.05019	1.01E-04	5.3E-06	0.00114	5.6E-08	0.00125	1.23E-04	6.43508E-06	0.00141	3.14E-08	1.54E-03	0.000109	4.95E-06	0.002685	3.24E-08	0.002799
1686	494311.06	3858901.99	0.07041	0.08029	0.06704	0.06553	1.32E-04	7E-06	0.00146	7.3E-08	0.0016	1.62E-04	8.63135E-06	0.001793	4.1E-08	1.96E-03	0.000143	6.64E-06	0.003414	4.23E-08	0.003564
1687	494361.06	3858901.99	0.07193	0.08214	0.06851	0.06724	1.35E-04	7.2E-06	0.00149	7.5E-08	0.00163	1.66E-04	8.83023E-06	0.001832	4.21E-08	2.01E-03	0.000146	6.79E-06	0.003489	4.34E-08	0.003642
1688	494411.06	3858901.99	0.07193	0.08215	0.0686	0.06735	1.35E-04	7.2E-06	0.00149	7.5E-08	0.00163	1.66E-04	8.83131E-06	0.001835	4.21E-08	2.01E-03	0.000146	6.79E-06	0.003494	4.35E-08	0.003647
1689	494461.06	3858901.99	0.07199	0.08213	0.06855	0.06757	1.35E-04	7.2E-06	0.00149	7.5E-08	0.00163	1.66E-04	8.82916E-06	0.001833	4.23E-08	2.01E-03	0.000146	6.79E-06	0.003491	4.36E-08	0.003644
1690	494511.06	3858901.99	0.07178	0.08187	0.06845	0.06746	1.35E-04	7.2E-06	0.00149	7.5E-08	0.00163	1.65E-04	8.80121E-06	0.001831	4.22E-08	2.00E-03	0.000146	6.77E-06	0.003486	4.36E-08	0.003639
1691	494561.06	3858901.99	0.07091	0.08083	0.06774	0.0666	1.33E-04	7.1E-06	0.00147	7.4E-08	0.00161	1.63E-04	8.68941E-06	0.001812	4.17E-08	1.98E-03	0.000144	6.68E-06	0.00345	4.3E-08	0.003601
1692	494611.06	3858901.99	0.06941	0.07902	0.06646	0.06506	1.30E-04	6.9E-06	0.00144	7.3E-08	0.00158	1.60E-04	8.49483E-06	0.001778	4.07E-08	1.95E-03	0.000141	6.53E-06	0.003385	4.2E-08	0.003532
1693	494661.06	3858901.99	0.06857	0.078	0.06576	0.06424	1.29E-04	6.8E-06	0.00143	7.2E-08	0.00156	1.58E-04	8.38517E-06	0.001759	4.02E-08	1.93E-03	0.000139	6.45E-06	0.003349	4.15E-08	0.003495
1694	494711.06	3858901.99	0.06718	0.07631	0.06454	0.06285	1.26E-04	6.7E-06	0.0014	7E-08	0.00153	1.55E-04	8.2035E-06	0.001726	3.93E-08	1.89E-03	0.000136	6.31E-06	0.003287	4.06E-08	0.00343
1695	494761.06	3858901.99	0.06552	0.07431	0.06306	0.06122	1.23E-04	6.5E-06	0.00137	6.8E-08	0.0015	1.51E-04	7.98849E-06	0.001687	3.83E-08	1.85E-03	0.000133	6.15E-06	0.003212	3.95E-08	0.003351
1696	494811.06	3858901.99	0.06453	0.07312	0.06221	0.06023	1.21E-04	6.4E-06	0.00135	6.7E-08	0.00148	1.49E-04	7.86056E-06	0.001664	3.77E-08	1.82E-03	0.000131	6.05E-06	0.003168	3.89E-08	0.003305
1697	494861.06	3858901.99	0.06378	0.07221	0.06158	0.05954	1.20E-04	6.3E-06	0.00134	6.7E-08	0.00146	1.47E-04	7.76274E-06	0.001647	3.72E-08	1.80E-03	0.000129	5.97E-06	0.003136	3.85E-08	0.003272
1698	494911.06	3858901.99	0.06216	0.07026	0.06009	0.058	1.17E-04	6.2E-06	0.0013	6.5E-08	0.00143	1.43E-04	7.55311E-06	0.001607	3.63E-08	1.76E-03	0.000126	5.81E-06	0.00306	3.75E-08	0.003192
1699	494961.06	3858901.99	0.06127	0.06919	0.05931	0.05718	1.15E-04	6.1E-06	0.00129	6.4E-08	0.00141	1.41E-04	7.43808E-06	0.001586	3.58E-08	1.73E-03	0.000124	5.72E-06	0.003021	3.69E-08	0.003151
1700	495011.06	3858901.99	0.0604	0.06815	0.05854	0.05639	1.14E-04	6E-06	0.00127	6.3E-08	0.00139	1.39E-04	7.32628E-06	0.001566	3.53E-08	1.71E-03	0.000123	5.64E-06	0.002981	3.64E-08	0.00311
1701	495061.06	3858901.99	0.05915	0.06665	0.05739	0.05525	1.11E-04	5.8E-06	0.00125	6.2E-08	0.00136	1.36E-04	7.16502E-06	0.001535	3.46E-08	1.68E-03	0.00012	5.51E-06	0.002923	3.57E-08	0.003049
1702	495111.06	3858901.99	0.05738	0.06455	0.05572	0.05365	1.08E-04	5.7E-06	0.00121	6E-08	0.00132	1.32E-04	6.93927E-06	0.00149	3.36E-08	1.63E-03	0.000117	5.34E-06	0.002838	3.47E-08	0.00296
1703	495161.06	3858901.99	0.05685	0.06391	0.05526	0.05317	1.07E-04	5.6E-06	0.0012	5.9E-08	0.00131	1.31E-04	6.87047E-06	0.001478	3.33E-08	1.62E-03	0.000115	5.29E-06	0.002814	3.43E-08	0.002935
1704	495211.06	3858901.99	0.05717	0.06427	0.05565	0.05344	1.07E-04	5.6E-06	0.00121	6E-08	0.00132	1.32E-04	6.90917E-06	0.001488	3.34E-08	1.63E-03	0.000116	5.32E-06	0.002834	3.45E-08	0.002956

1705	495261.06	3858901.99	0.05704	0.06411	0.05559	0.05332	1.07E-04	5.6E-06	0.00121	6E-08	0.00132	1.31E-04	6.89197E-06	0.001487	3.33E-08	1.63E-03	0.000116	5.3E-06	0.002831	3.44E-08	0.002952
1706	495311.06	3858901.99	0.05677	0.06377	0.05538	0.05306	1.07E-04	5.6E-06	0.0012	5.9E-08	0.00131	1.31E-04	6.85542E-06	0.001481	3.32E-08	1.62E-03	0.000115	5.27E-06	0.002821	3.43E-08	0.002941
1707	495361.06	3858901.99	0.05654	0.0635	0.05522	0.05285	1.06E-04	5.6E-06	0.0012	5.9E-08	0.00131	1.30E-04	6.82639E-06	0.001477	3.31E-08	1.61E-03	0.000115	5.25E-06	0.002812	3.41E-08	0.002932
1708	495411.06	3858901.99	0.05656	0.0635	0.0553	0.05286	1.06E-04	5.6E-06	0.0012	5.9E-08	0.00131	1.30E-04	6.82639E-06	0.001479	3.31E-08	1.62E-03	0.000115	5.25E-06	0.002816	3.41E-08	0.002937
1709	495461.06	3858901.99	0.05619	0.06305	0.05499	0.05251	1.06E-04	5.5E-06	0.00119	5.9E-08	0.00131	1.29E-04	6.77802E-06	0.001471	3.28E-08	1.61E-03	0.000114	5.21E-06	0.002801	3.39E-08	0.00292
1710	495511.06	3858901.99	0.0556	0.06234	0.05446	0.05197	1.04E-04	5.5E-06	0.00118	5.8E-08	0.00129	1.28E-04	6.70169E-06	0.001457	3.25E-08	1.59E-03	0.000113	5.16E-06	0.002774	3.36E-08	0.002892
1711	495561.06	3858901.99	0.05513	0.06177	0.05404	0.05154	1.04E-04	5.4E-06	0.00117	5.8E-08	0.00128	1.27E-04	6.64041E-06	0.001445	3.22E-08	1.58E-03	0.000112	5.11E-06	0.002752	3.33E-08	0.002869
1712	495611.06	3858901.99	0.05448	0.06099	0.05344	0.05094	1.02E-04	5.4E-06	0.00116	5.7E-08	0.00127	1.25E-04	6.55656E-06	0.001429	3.19E-08	1.56E-03	0.000111	5.04E-06	0.002722	3.29E-08	0.002837
1713	495661.06	3858901.99	0.0544	0.06087	0.05341	0.05086	1.02E-04	5.3E-06	0.00116	5.7E-08	0.00127	1.25E-04	6.54366E-06	0.001428	3.18E-08	1.56E-03	0.00011	5.03E-06	0.00272	3.29E-08	0.002836
1714	494311.06	3858951.99	0.07267	0.08288	0.06882	0.068	1.37E-04	7.3E-06	0.00149	7.6E-08	0.00164	1.67E-04	8.90979E-06	0.001841	4.25E-08	2.02E-03	0.000148	6.85E-06	0.003505	4.39E-08	0.003659
1715	494361.06	3858951.99	0.07313	0.08347	0.06929	0.06868	1.37E-04	7.3E-06	0.0015	7.7E-08	0.00165	1.68E-04	8.97321E-06	0.001853	4.3E-08	2.03E-03	0.000148	6.9E-06	0.003529	4.44E-08	0.003684
1716	494411.06	3858951.99	0.0725	0.08276	0.06882	0.06809	1.36E-04	7.3E-06	0.00149	7.6E-08	0.00164	1.67E-04	8.89689E-06	0.001841	4.26E-08	2.02E-03	0.000147	6.84E-06	0.003505	4.4E-08	0.003659
1717	494461.06	3858951.99	0.07259	0.0828	0.0688	0.06839	1.36E-04	7.3E-06	0.00149	7.6E-08	0.00164	1.67E-04	8.90119E-06	0.00184	4.28E-08	2.02E-03	0.000147	6.85E-06	0.003504	4.42E-08	0.003658
1718	494511.06	3858951.99	0.0721	0.08223	0.06845	0.06796	1.35E-04	7.2E-06	0.00149	7.6E-08	0.00163	1.66E-04	8.83991E-06	0.001831	4.25E-08	2.01E-03	0.000146	6.8E-06	0.003486	4.39E-08	0.003639
1719	494561.06	3858951.99	0.07127	0.08125	0.06778	0.06712	1.34E-04	7.1E-06	0.00147	7.5E-08	0.00161	1.64E-04	8.73456E-06	0.001813	4.2E-08	1.99E-03	0.000145	6.72E-06	0.003452	4.34E-08	0.003604
1720	494611.06	3858951.99	0.07005	0.0798	0.06676	0.06583	1.32E-04	7E-06	0.00145	7.4E-08	0.00159	1.61E-04	8.57868E-06	0.001786	4.12E-08	1.96E-03	0.000142	6.6E-06	0.0034	4.25E-08	0.003549
1721	494661.06	3858951.99	0.06891	0.07844	0.06581	0.06466	1.29E-04	6.9E-06	0.00143	7.2E-08	0.00157	1.59E-04	8.43248E-06	0.00176	4.04E-08	1.93E-03	0.00014	6.49E-06	0.003352	4.18E-08	0.003498
1722	494711.06	3858951.99	0.06729	0.07649	0.0644	0.06298	1.26E-04	6.7E-06	0.0014	7E-08	0.00153	1.55E-04	8.22285E-06	0.001722	3.94E-08	1.89E-03	0.000137	6.33E-06	0.00328	4.07E-08	0.003423
1723	494761.06	3858951.99	0.06608	0.07504	0.06336	0.06179	1.24E-04	6.6E-06	0.00138	6.9E-08	0.00151	1.52E-04	8.06697E-06	0.001695	3.86E-08	1.85E-03	0.000134	6.21E-06	0.003227	3.99E-08	0.003367
1724	494811.06	3858951.99	0.06523	0.07402	0.06265	0.06098	1.23E-04	6.5E-06	0.00136	6.8E-08	0.00149	1.50E-04	7.95732E-06	0.001676	3.81E-08	1.83E-03	0.000132	6.12E-06	0.003191	3.94E-08	0.003329
1725	494861.06	3858951.99	0.06439	0.073	0.06193	0.06017	1.21E-04	6.4E-06	0.00134	6.7E-08	0.00147	1.48E-04	7.84766E-06	0.001656	3.76E-08	1.81E-03	0.000131	6.04E-06	0.003154	3.89E-08	0.003291
1726	494911.06	3858951.99	0.06315	0.07152	0.06084	0.05892	1.19E-04	6.3E-06	0.00132	6.6E-08	0.00145	1.45E-04	7.68856E-06	0.001627	3.69E-08	1.78E-03	0.000128	5.91E-06	0.003099	3.81E-08	0.003233
1727	494961.06	3858951.99	0.06251	0.07075	0.06032	0.05833	1.17E-04	6.2E-06	0.00131	6.5E-08	0.00143	1.44E-04	7.60578E-06	0.001613	3.65E-08	1.76E-03	0.000127	5.85E-06	0.003072	3.77E-08	0.003205
1728	495011.06	3858951.99	0.0606	0.06846	0.05856	0.05652	1.14E-04	6E-06	0.00127	6.3E-08	0.00139	1.40E-04	7.3596E-06	0.001566	3.53E-08	1.71E-03	0.000123	5.66E-06	0.002982	3.65E-08	0.003111
1729	495061.06	3858951.99	0.05879	0.06631	0.05688	0.05485	1.10E-04	5.8E-06	0.00124	6.1E-08	0.00135	1.35E-04	7.12847E-06	0.001521	3.43E-08	1.66E-03	0.000119	5.48E-06	0.002897	3.54E-08	0.003022
1730	495111.06	3858951.99	0.05742	0.06467	0.05561	0.05361	1.08E-04	5.7E-06	0.00121	6E-08	0.00132	1.32E-04	6.95217E-06	0.001487	3.35E-08	1.63E-03	0.000117	5.35E-06	0.002832	3.46E-08	0.002954
1731	495161.06	3858951.99	0.05799	0.06534	0.05625	0.05413	1.09E-04	5.7E-06	0.00122	6E-08	0.00134	1.34E-04	7.0242E-06	0.001504	3.39E-08	1.65E-03	0.000118	5.4E-06	0.002865	3.5E-08	0.002988
1732	495211.06	3858951.99	0.0579	0.06522	0.05623	0.05405	1.09E-04	5.7E-06	0.00122	6E-08	0.00134	1.33E-04	7.0113E-06	0.001504	3.38E-08	1.64E-03	0.000118	5.39E-06	0.002864	3.49E-08	0.002987
1733	495261.06	3858951.99	0.05779	0.06508	0.05619	0.05395	1.09E-04	5.7E-06	0.00122	6E-08	0.00133	1.33E-04	6.99625E-06	0.001503	3.37E-08	1.64E-03	0.000117	5.38E-06	0.002862	3.48E-08	0.002985
1734	495311.06	3858951.99	0.05711	0.06427	0.05559	0.05333	1.07E-04	5.6E-06	0.00121	6E-08	0.00132	1.32E-04	6.90917E-06	0.001487	3.34E-08	1.63E-03	0.000116	5.32E-06	0.002831	3.44E-08	0.002953
1735	495361.06	3858951.99	0.05708	0.06422	0.05562	0.0533	1.07E-04	5.6E-06	0.00121	6E-08	0.00132	1.31E-04	6.90379E-06	0.001488	3.33E-08	1.63E-03	0.000116	5.31E-06	0.002833	3.44E-08	0.002954
1736	495411.06	3858951.99	0.05714	0.06428	0.05575	0.05337	1.07E-04	5.6E-06	0.00121	6E-08	0.00132	1.32E-04	6.91024E-06	0.001491	3.34E-08	1.63E-03	0.000116	5.32E-06	0.002839	3.45E-08	0.002961
1737	495461.06	3858951.99	0.05685	0.06393	0.05553	0.0531	1.07E-04	5.6E-06	0.00121	5.9E-08	0.00132	1.31E-04	6.87262E-06	0.001485	3.32E-08	1.62E-03	0.000115	5.29E-06	0.002828	3.43E-08	0.002949
1738	495511.06	3858951.99	0.05677	0.06382	0.0555	0.05303	1.07E-04	5.6E-06	0.00121	5.9E-08	0.00132	1.31E-04	6.86079E-06	0.001484	3.32E-08	1.62E-03	0.000115	5.28E-06	0.002827	3.43E-08	0.002947
1739	495561.06	3858951.99	0.0558	0.06266	0.0546	0.05212	1.05E-04	5.5E-06	0.00119	5.8E-08	0.0013	1.28E-04	6.73609E-06	0.00146	3.26E-08	1.60E-03	0.000113	5.18E-06	0.002781	3.37E-08	0.002899
1740	495611.06	3858951.99	0.05523	0.06197	0.05409	0.05159	1.04E-04	5.4E-06	0.00117	5.8E-08	0.00128	1.27E-04	6.66191E-06	0.001447	3.23E-08	1.58E-03	0.000112	5.12E-06	0.002755	3.33E-08	0.002872
1741	495661.06	3858951.99	0.05518	0.06189	0.05409	0.05154	1.04E-04	5.4E-06	0.00117	5.8E-08	0.00128	1.27E-04	6.65331E-06	0.001447	3.22E-08	1.58E-03	0.000112	5.12E-06	0.002755	3.33E-08	0.002872
1742	494311.06	3859001.99	0.07394	0.08412	0.06964	0.06967	1.39E-04	7.4E-06	0.00151	7.8E-08	0.00166	1.70E-04	9.04309E-06	0.001863	4.36E-08	2.04E-03	0.00015	6.96E-06	0.003547	4.5E-08	0.003704
1743	494361.06	3859001.99	0.07373	0.08393	0.06951	0.06959	1.39E-04	7.4E-06	0.00151	7.8E-08	0.00166	1.70E-04	9.02266E-06	0.001859	4.35E-08	2.04E-03	0.00015	6.94E-06	0.00354	4.5E-08	0.003697
1744	494411.06	3859001.99	0.07349	0.08362	0.06922	0.06952	1.38E-04	7.3E-06	0.0015	7.8E-08	0.00165	1.69E-04	8.98934E-06	0.001851	4.35E-08	2.03E-03	0.000149	6.92E-06	0.003525	4.49E-08	0.003682
1745	494461.06	3859001.99	0.07305	0.08315	0.0689	0.06915	1.37E-04	7.3E-06	0.0015	7.7E-08	0.00164	1.68E-04	8.93881E-06	0.001843	4.32E-08	2.02E-03	0.000148	6.88E-06	0.003509	4.47E-08	0.003664
1746	494511.06	3859001.99	0.07259	0.08266	0.06857	0.06875	1.36E-04	7.3E-06	0.00149	7.7E-08	0.00163	1.67E-04	8.88614E-06	0.001834	4.3E-08	2.01E-03	0.000147	6.84E-06	0.003492	4.44E-08	0.003647
1747	494561.06	3859001.99	0.07145	0.08135	0.06765	0.06749	1.34E-04	7.1E-06	0.00147	7.5E-08	0.00161	1.65E-04	8.74531E-06	0.001809	4.22E-08	1.98E-03	0.000145	6.73E-06	0.003445	4.36E-08	0.003597
1748	494611.06	3859001.99	0.07039	0.08011	0.06679	0.06635	1.32E-04	7E-06	0.00145	7.4E-08	0.00159	1.62E-04	8.612E-06	0.001786	4.15E-08	1.96E-03	0.000143	6.62E-06	0.003402	4.29E-08	0.003551
1749	494661.06	3859001.99	0.06908	0.07858	0.06569	0.06493	1.30E-04	6.9E-06	0.00143	7.3E-08	0.00156	1.59E-04	8.44753E-06	0.001757	4.06E-08	1.92E-03	0.00014	6.5E-06	0.003346	4.19E-08	0.003492
1750	494711.06	3859001.99	0.06753	0.07675	0.06437	0.06328	1.27E-04	6.7E-06	0.0014	7.1E-08	0.00153	1.56E-04	8.2508E-06	0.001722	3.96E-08	1.89E-03	0.000137	6.35E-06	0.003278	4.09E-08	0.003422
1751	494761.06	3859001.99	0.06657	0.07562	0.06357	0.06233	1.25E-04	6.6E-06	0.00138	7E-08	0.00151	1.53E-04	8.12932E-06	0.0017	3.9E-08	1.86E-03	0.000135	6.25E-06	0.003238	4.03E-08	0.003379
1752	494811.06	3859001.99	0.06598	0.07492	0.0631	0.06178	1.24E-04	6.6E-06	0.00137	6.9E-08	0.0015	1.52E-04	8.05407E-06	0.001688	3.86E-08	1.85E-03	0.000134	6.2E-06	0.003214	3.99E-08	0.003354
1753	494861.06	3859001.99	0.06493	0.07367	0.06221	0.06073	1.22E-04	6.5E-06	0.00135	6.8E-08	0.00148	1.50E-04	7.91969E-06	0.001664	3.8E-08	1.82E-03	0.000132	6.09E-06	0.003168	3.92E-08	0.003306
1754	494911.06	3859001.99	0.06381	0.07234	0.06125	0.05963	1.20E-04	6.3E-06	0.00133	6.7E-08	0.00146	1.47E-04	7.77671E-06	0.001638	3.73E-08	1.79E-03	0.00013	5.98E-06	0.003119	3.85E-08	0.003255
1755	494961.06	3859001.99	0.06266	0.07097	0.06025	0.05874	1.18E-04	6.2E-06	0.00131	6.6E-08	0.00143	1.44E-04	7.62943E-06	0.001611	3.67E-08	1.76E-03	0.000127	5.87E-06	0.003069	3.79E-08	0.003202
1756	495011.06	3859001.99	0.05963	0.06735	0.05743	0.05553	1.12E-04	5.9E-06	0.00125	6.2E-08	0.00137	1.37E-04	7.24028E-06	0.001536	3.47E-08	1.68E-03	0.000121	5.57E-06	0.002925	3.59E-08	0.003052
1757	495061.06	3859001.99	0.05902	0.06663	0.05692	0.05498	1.11E-04	5.8E-06	0.00124	6.1E-08	0.00135	1.36E-04	7.16287E-06	0.001522	3.44E-08	1.67E-03	0.00012	5.51E-06	0.002899	3.55E-08	0.003024
1758	495111.06	3859001.99	0.05774	0.0651	0.05575	0.05381	1.09E-04	5.7E-06	0.00121	6E-08	0.00132	1.33E-04	6.9984E-06	0.001491	3.37E-08	1.63E-03	0.000117	5.38E-06	0.002839	3.48E-08	0.002962
1759	495161.06	3859001.99	0.05868	0.06623	0.05675	0.05472	1.10E-04	5.8E-06	0.00123	6.1E-08	0.00135	1.35E-04	7.11987E-06	0.001518	3.42E-08	1.66E-03	0.000119	5.48E-06	0.00289	3.53E-08	0.003015
1760	495211.06	3859001.99	0.0584	0.06589	0.05655	0.05446	1.10E-04	5.8E-06	0.00123	6.1E-08	0.00134	1.34E-04	7.08332E-06	0.001512	3.41E-08	1.65E-03	0.000119	5.45E-06	0.00288	3.52E-08	0.003004
1761	495261.06	3859001.99	0.05835	0.06583	0.05658	0.05445	1.10E-04	5.8E-06	0.00123	6.1E-08	0.00134	1.34E-04	7.07687E-06	0.001513	3.41E-08	1.65E-03	0.000118	5.44E-06	0.002882	3.52E-08	0.003006
1762	495311.06	3859001.99	0.058	0.06541	0.05631	0.05413	1.09E-04	5.7E-06	0.00122	6E-08	0.00134	1.34E-04	7.03172E-06	0.001506	3.39E-08	1.65E-03	0.000118	5.41E-06	0.002868	3.5E-08	0.002991
1763	495361.06	3859001.99	0.05793	0.06531	0.0563	0.05408	1.09E-04	5.7E-06	0.00122	6E-08	0.00134	1.33E-04	7.02097E-06	0.001506	3.38E-08	1.65E-03	0.000118	5.4E-06	0.002867	3.49E-08	0.00299
1764	495411.06	3859001.99	0.05772	0.06505	0.05616	0.0539	1.08E-04	5.7E-06	0.00122	6E-08	0.00133	1.33E-04	6.99302E-06	0.001502	3.37E-08	1.64E-03	0.000117	5.38E-06	0.00286	3.48E-08	0.002983
1765	495461.06	3859001.99	0.05757	0.06487	0.05609	0.05378	1.08E-04	5.7E-06	0.00122	6E-08	0.00133	1.33E-04	6.97367E-06	0.0015	3.36E-08	1.64E-03	0.000117	5.36E-06	0.002857	3.47E-08	0.002979

1766	495511.06	3859001.99	0.05683	0.06398	0.05542	0.05307	1.07E-04	5.6E-06	0.0012	5.9E-08	0.00132	1.31E-04	6.87799E-06	0.001482	3.32E-08	1.62E-03	0.000115	5.29E-06	0.002823	3.43E-08	0.002943
1767	495561.06	3859001.99	0.0564	0.06346	0.05506	0.05268	1.06E-04	5.6E-06	0.0012	5.9E-08	0.00131	1.30E-04	6.82209E-06	0.001473	3.29E-08	1.61E-03	0.000115	5.25E-06	0.002804	3.4E-08	0.002924
1768	495611.06	3859001.99	0.05592	0.06288	0.05465	0.05223	1.05E-04	5.5E-06	0.00119	5.8E-08	0.0013	1.29E-04	6.75974E-06	0.001462	3.27E-08	1.60E-03	0.000114	5.2E-06	0.002783	3.37E-08	0.002902
1769	495661.06	3859001.99	0.0562	0.0632	0.05497	0.05251	1.06E-04	5.5E-06	0.00119	5.9E-08	0.0013	1.29E-04	6.79414E-06	0.00147	3.28E-08	1.61E-03	0.000114	5.23E-06	0.0028	3.39E-08	0.002919
1770	494311.06	3859051.99	0.07464	0.08451	0.06993	0.07087	1.40E-04	7.4E-06	0.00152	7.9E-08	0.00167	1.72E-04	9.08501E-06	0.00187	4.43E-08	2.05E-03	0.000152	6.99E-06	0.003562	4.58E-08	0.00372
1771	494361.06	3859051.99	0.07455	0.08441	0.06976	0.07102	1.40E-04	7.4E-06	0.00151	7.9E-08	0.00166	1.72E-04	9.07426E-06	0.001866	4.44E-08	2.05E-03	0.000151	6.98E-06	0.003553	4.59E-08	0.003711
1772	494411.06	3859051.99	0.07395	0.0838	0.06931	0.07042	1.39E-04	7.4E-06	0.00151	7.9E-08	0.00165	1.70E-04	9.00869E-06	0.001854	4.4E-08	2.03E-03	0.00015	6.93E-06	0.00353	4.55E-08	0.003687
1773	494461.06	3859051.99	0.07323	0.08305	0.06876	0.06966	1.38E-04	7.3E-06	0.00149	7.8E-08	0.00164	1.69E-04	8.92806E-06	0.001839	4.36E-08	2.02E-03	0.000149	6.87E-06	0.003502	4.5E-08	0.003658
1774	494511.06	3859051.99	0.07232	0.08205	0.06805	0.06864	1.36E-04	7.2E-06	0.00148	7.7E-08	0.00162	1.67E-04	8.82056E-06	0.00182	4.29E-08	2.00E-03	0.000147	6.79E-06	0.003466	4.43E-08	0.003619
1775	494561.06	3859051.99	0.07153	0.0812	0.06744	0.06781	1.34E-04	7.1E-06	0.00146	7.6E-08	0.00161	1.65E-04	8.72918E-06	0.001804	4.24E-08	1.98E-03	0.000145	6.72E-06	0.003435	4.38E-08	0.003587
1776	494611.06	3859051.99	0.07047	0.08001	0.06658	0.06662	1.32E-04	7E-06	0.00145	7.4E-08	0.00159	1.62E-04	8.60125E-06	0.001781	4.17E-08	1.95E-03	0.000143	6.62E-06	0.003391	4.3E-08	0.003541
1777	494661.06	3859051.99	0.06931	0.07869	0.06563	0.06533	1.30E-04	6.9E-06	0.00143	7.3E-08	0.00156	1.60E-04	8.45935E-06	0.001755	4.09E-08	1.92E-03	0.000141	6.51E-06	0.003343	4.22E-08	0.00349
1778	494711.06	3859051.99	0.06821	0.07744	0.06474	0.06416	1.28E-04	6.8E-06	0.00141	7.2E-08	0.00154	1.57E-04	8.32497E-06	0.001732	4.01E-08	1.90E-03	0.000138	6.4E-06	0.003297	4.14E-08	0.003442
1779	494761.06	3859051.99	0.06707	0.07612	0.06379	0.06295	1.26E-04	6.7E-06	0.00139	7E-08	0.00152	1.54E-04	8.18307E-06	0.001706	3.94E-08	1.87E-03	0.000136	6.3E-06	0.003249	4.07E-08	0.003391
1780	494811.06	3859051.99	0.06625	0.07517	0.06311	0.06212	1.24E-04	6.6E-06	0.00137	6.9E-08	0.0015	1.53E-04	8.08094E-06	0.001688	3.89E-08	1.85E-03	0.000135	6.22E-06	0.003214	4.01E-08	0.003355
1781	494861.06	3859051.99	0.0654	0.07419	0.06241	0.06128	1.23E-04	6.5E-06	0.00136	6.8E-08	0.00148	1.51E-04	7.97559E-06	0.001669	3.83E-08	1.83E-03	0.000133	6.14E-06	0.003179	3.96E-08	0.003318
1782	494911.06	3859051.99	0.06409	0.07264	0.06128	0.05993	1.20E-04	6.4E-06	0.00133	6.7E-08	0.00146	1.48E-04	7.80896E-06	0.001639	3.75E-08	1.79E-03	0.00013	6.01E-06	0.003121	3.87E-08	0.003257
1783	494961.06	3859051.99	0.06213	0.07032	0.05953	0.05794	1.17E-04	6.2E-06	0.00129	6.5E-08	0.00142	1.43E-04	7.55956E-06	0.001592	3.62E-08	1.74E-03	0.000126	5.82E-06	0.003032	3.74E-08	0.003164
1784	495011.06	3859051.99	0.06065	0.06857	0.05822	0.05645	1.14E-04	6E-06	0.00126	6.3E-08	0.00138	1.40E-04	7.37143E-06	0.001557	3.53E-08	1.70E-03	0.000123	5.67E-06	0.002965	3.65E-08	0.003094
1785	495061.06	3859051.99	0.05966	0.0674	0.05735	0.05552	1.12E-04	5.9E-06	0.00125	6.2E-08	0.00136	1.37E-04	7.24565E-06	0.001534	3.47E-08	1.68E-03	0.000121	5.57E-06	0.002921	3.59E-08	0.003048
1786	495111.06	3859051.99	0.05912	0.06677	0.05691	0.05504	1.11E-04	5.9E-06	0.00124	6.1E-08	0.00135	1.36E-04	7.17792E-06	0.001522	3.44E-08	1.67E-03	0.00012	5.52E-06	0.002898	3.56E-08	0.003024
1787	495161.06	3859051.99	0.05954	0.06728	0.05739	0.0555	1.12E-04	5.9E-06	0.00125	6.2E-08	0.00136	1.37E-04	7.23275E-06	0.001535	3.47E-08	1.68E-03	0.000121	5.56E-06	0.002923	3.59E-08	0.003049
1788	495211.06	3859051.99	0.0589	0.06653	0.05686	0.05491	1.11E-04	5.8E-06	0.00123	6.1E-08	0.00135	1.36E-04	7.15212E-06	0.001521	3.43E-08	1.66E-03	0.00012	5.5E-06	0.002896	3.55E-08	0.003021
1789	495261.06	3859051.99	0.05906	0.06673	0.05708	0.05512	1.11E-04	5.9E-06	0.00124	6.2E-08	0.00136	1.36E-04	7.17362E-06	0.001527	3.45E-08	1.67E-03	0.00012	5.52E-06	0.002907	3.56E-08	0.003033
1790	495311.06	3859051.99	0.05864	0.06622	0.05675	0.05473	1.10E-04	5.8E-06	0.00123	6.1E-08	0.00135	1.35E-04	7.1188E-06	0.001518	3.42E-08	1.66E-03	0.000119	5.48E-06	0.00289	3.54E-08	0.003015
1791	495361.06	3859051.99	0.05845	0.066	0.05664	0.05458	1.10E-04	5.8E-06	0.00123	6.1E-08	0.00135	1.35E-04	7.09515E-06	0.001515	3.41E-08	1.66E-03	0.000119	5.46E-06	0.002885	3.53E-08	0.003009
1792	495411.06	3859051.99	0.05843	0.06597	0.05668	0.0546	1.10E-04	5.8E-06	0.00123	6.1E-08	0.00135	1.35E-04	7.09192E-06	0.001516	3.41E-08	1.66E-03	0.000119	5.46E-06	0.002887	3.53E-08	0.003011
1793	495461.06	3859051.99	0.05839	0.06591	0.0567	0.05459	1.10E-04	5.8E-06	0.00123	6.1E-08	0.00135	1.34E-04	7.08547E-06	0.001516	3.41E-08	1.66E-03	0.000119	5.45E-06	0.002888	3.53E-08	0.003012
1794	495511.06	3859051.99	0.05762	0.065	0.05603	0.05385	1.08E-04	5.7E-06	0.00122	6E-08	0.00133	1.33E-04	6.98765E-06	0.001499	3.37E-08	1.64E-03	0.000117	5.38E-06	0.002854	3.48E-08	0.002976
1795	495561.06	3859051.99	0.05704	0.0643	0.05553	0.0533	1.07E-04	5.6E-06	0.00121	6E-08	0.00132	1.31E-04	6.91239E-06	0.001485	3.33E-08	1.62E-03	0.000116	5.32E-06	0.002828	3.44E-08	0.002949
1796	495611.06	3859051.99	0.05653	0.0637	0.0551	0.05283	1.06E-04	5.6E-06	0.0012	5.9E-08	0.00131	1.30E-04	6.84789E-06	0.001474	3.3E-08	1.61E-03	0.000115	5.27E-06	0.002806	3.41E-08	0.002926
1797	495661.06	3859051.99	0.05674	0.06393	0.05535	0.05306	1.07E-04	5.6E-06	0.0012	5.9E-08	0.00131	1.31E-04	6.87262E-06	0.00148	3.32E-08	1.62E-03	0.000115	5.29E-06	0.002819	3.43E-08	0.00294
1798	494311.06	3859101.99	0.07524	0.08457	0.06998	0.07222	1.41E-04	7.4E-06	0.00152	8.1E-08	0.00167	1.73E-04	9.09146E-06	0.001872	4.52E-08	2.05E-03	0.000153	6.99E-06	0.003564	4.67E-08	0.003724
1799	494361.06	3859101.99	0.07472	0.08408	0.06959	0.07171	1.40E-04	7.4E-06	0.00151	8E-08	0.00166	1.72E-04	9.03879E-06	0.001861	4.49E-08	2.04E-03	0.000152	6.95E-06	0.003544	4.63E-08	0.003703
1800	494411.06	3859101.99	0.07428	0.0837	0.06928	0.07134	1.40E-04	7.3E-06	0.0015	8E-08	0.00165	1.71E-04	8.99794E-06	0.001853	4.46E-08	2.03E-03	0.000151	6.92E-06	0.003528	4.61E-08	0.003686
1801	494461.06	3859101.99	0.07356	0.08297	0.06873	0.07052	1.38E-04	7.3E-06	0.00149	7.9E-08	0.00164	1.69E-04	8.91946E-06	0.001838	4.41E-08	2.02E-03	0.000149	6.86E-06	0.0035	4.56E-08	0.003657
1802	494511.06	3859101.99	0.07251	0.08188	0.06793	0.06925	1.36E-04	7.2E-06	0.00148	7.7E-08	0.00162	1.67E-04	8.80228E-06	0.001817	4.33E-08	1.99E-03	0.000147	6.77E-06	0.00346	4.47E-08	0.003614
1803	494561.06	3859101.99	0.07168	0.081	0.06728	0.0683	1.35E-04	7.1E-06	0.00146	7.6E-08	0.0016	1.65E-04	8.70768E-06	0.001799	4.27E-08	1.97E-03	0.000146	6.7E-06	0.003427	4.41E-08	0.003579
1804	494611.06	3859101.99	0.07039	0.0796	0.06626	0.06675	1.32E-04	7E-06	0.00144	7.5E-08	0.00158	1.62E-04	8.55718E-06	0.001772	4.17E-08	1.94E-03	0.000143	6.58E-06	0.003375	4.31E-08	0.003524
1805	494661.06	3859101.99	0.06956	0.0787	0.0656	0.06585	1.31E-04	6.9E-06	0.00142	7.4E-08	0.00156	1.60E-04	8.46043E-06	0.001755	4.12E-08	1.92E-03	0.000141	6.51E-06	0.003341	4.25E-08	0.003489
1806	494711.06	3859101.99	0.06808	0.07704	0.06438	0.06413	1.28E-04	6.8E-06	0.0014	7.2E-08	0.00153	1.57E-04	8.28197E-06	0.001722	4.01E-08	1.89E-03	0.000138	6.37E-06	0.003279	4.14E-08	0.003424
1807	494761.06	3859101.99	0.06767	0.07661	0.06407	0.06378	1.27E-04	6.7E-06	0.00139	7.1E-08	0.00153	1.56E-04	8.23575E-06	0.001714	3.99E-08	1.88E-03	0.000137	6.34E-06	0.003263	4.12E-08	0.003407
1808	494811.06	3859101.99	0.06667	0.07549	0.06325	0.06271	1.25E-04	6.6E-06	0.00137	7E-08	0.00151	1.54E-04	8.11534E-06	0.001692	3.92E-08	1.85E-03	0.000135	6.24E-06	0.003221	4.05E-08	0.003363
1809	494861.06	3859101.99	0.06578	0.07448	0.06252	0.06178	1.24E-04	6.5E-06	0.00136	6.9E-08	0.00149	1.51E-04	8.00677E-06	0.001672	3.86E-08	1.83E-03	0.000134	6.16E-06	0.003184	3.99E-08	0.003324
1810	494911.06	3859101.99	0.06447	0.07297	0.06141	0.06038	1.21E-04	6.4E-06	0.00133	6.7E-08	0.00146	1.48E-04	7.84444E-06	0.001642	3.78E-08	1.80E-03	0.000131	6.03E-06	0.003128	3.9E-08	0.003265
1811	494961.06	3859101.99	0.06245	0.0706	0.05963	0.05824	1.17E-04	6.2E-06	0.00129	6.5E-08	0.00142	1.44E-04	7.58966E-06	0.001595	3.64E-08	1.75E-03	0.000127	5.84E-06	0.003037	3.76E-08	0.00317
1812	495011.06	3859101.99	0.0603	0.06807	0.05769	0.05608	1.13E-04	6E-06	0.00125	6.3E-08	0.00137	1.39E-04	7.31768E-06	0.001543	3.51E-08	1.69E-03	0.000122	5.63E-06	0.002938	3.62E-08	0.003066
1813	495061.06	3859101.99	0.06029	0.0681	0.05776	0.05615	1.13E-04	6E-06	0.00125	6.3E-08	0.00137	1.39E-04	7.3209E-06	0.001545	3.51E-08	1.69E-03	0.000122	5.63E-06	0.002942	3.63E-08	0.00307
1814	495111.06	3859101.99	0.05969	0.0674	0.05726	0.0556	1.12E-04	5.9E-06	0.00124	6.2E-08	0.00136	1.37E-04	7.24565E-06	0.001531	3.48E-08	1.68E-03	0.000121	5.57E-06	0.002916	3.59E-08	0.003043
1815	495161.06	3859101.99	0.06007	0.06789	0.0577	0.05606	1.13E-04	6E-06	0.00125	6.3E-08	0.00137	1.38E-04	7.29833E-06	0.001543	3.51E-08	1.69E-03	0.000122	5.61E-06	0.002939	3.62E-08	0.003066
1816	495211.06	3859101.99	0.05952	0.06725	0.05725	0.05556	1.12E-04	5.9E-06	0.00124	6.2E-08	0.00136	1.37E-04	7.22953E-06	0.001531	3.47E-08	1.68E-03	0.000121	5.56E-06	0.002916	3.59E-08	0.003042
1817	495261.06	3859101.99	0.05952	0.06726	0.05732	0.05562	1.12E-04	5.9E-06	0.00124	6.2E-08	0.00136	1.37E-04	7.2306E-06	0.001533	3.48E-08	1.68E-03	0.000121	5.56E-06	0.002919	3.59E-08	0.003046
1818	495311.06	3859101.99	0.05936	0.06713	0.05729	0.05537	1.12E-04	5.9E-06	0.00124	6.2E-08	0.00136	1.37E-04	7.21663E-06	0.001532	3.46E-08	1.68E-03	0.000121	5.55E-06	0.002918	3.58E-08	0.003044
1819	495361.06	3859101.99	0.05933	0.06706	0.05727	0.05555	1.11E-04	5.9E-06	0.00124	6.2E-08	0.00136	1.37E-04	7.2091E-06	0.001532	3.47E-08	1.68E-03	0.00012	5.55E-06	0.002917	3.59E-08	0.003043
1820	495411.06	3859101.99	0.05918	0.06689	0.0572	0.05545	1.11E-04	5.9E-06	0.00124	6.2E-08	0.00136	1.36E-04	7.19082E-06	0.00153	3.47E-08	1.67E-03	0.00012	5.53E-06	0.002913	3.58E-08	0.003039
1821	495461.06	3859101.99	0.05874	0.06643	0.057	0.05502	1.10E-04	5.8E-06	0.00124	6.1E-08	0.00135	1.35E-04	7.14137E-06	0.001525	3.44E-08	1.67E-03	0.000119	5.49E-06	0.002903	3.55E-08	0.003028
1822	495511.06	3859101.99	0.05845	0.06609	0.05679	0.05478	1.10E-04	5.8E-06	0.00123	6.1E-08	0.00135	1.35E-04	7.10482E-06	0.001519	3.43E-08	1.66E-03	0.000119	5.47E-06	0.002892	3.54E-08	0.003017
1823	495561.06	3859101.99	0.05787	0.06535	0.05615	0.05424	1.09E-04	5.7E-06	0.00122	6.1E-08	0.00133	1.33E-04	7.02527E-06	0.001502	3.39E-08	1.64E-03	0.000117	5.4E-06	0.00286	3.5E-08	0.002983
1824	495611.06	3859101.99	0.05727	0.06464	0.05564	0.0536	1.08E-04	5.7E-06	0.00121	6E-08	0.00132	1.32E-04	6.94894E-06	0.001488	3.35E-08	1.63E-03	0.000116	5.35E-06	0.002834	3.46E-08	0.002955
1825	495661.06	3859101.99	0.05722	0.06457	0.05565	0.05365	1.08E-04	5.7E-06	0.00121	6E-08	0.00132	1.32E-04	6.94142E-06	0.001488	3.36E-08	1.63E-03	0.000116	5.34E-06	0.002834	3.47E-08	0.002956
1826	494311.06	3859151.99	0.07538	0.08412	0.06977	0.07306	1.42E-04	7.4E-06	0.00152	8.2E-08	0.00166	1.74E-04	9.04309E-06	0.001866	4.57E-08	2.05E-03	0.000153	6.96E-06	0.003553	4.72E-08	0.003713

1827	494361.06	3859151.99	0.07502	0.08383	0.06951	0.0728	1.41E-04	7.4E-06	0.00151	8.1E-08	0.00166	1.73E-04	9.01191E-06	0.001859	4.55E-08	2.04E-03	0.000152	6.93E-06	0.00354	4.7E-08	0.003699
1828	494411.06	3859151.99	0.07422	0.08306	0.06892	0.07181	1.39E-04	7.3E-06	0.0015	8E-08	0.00164	1.71E-04	8.92914E-06	0.001843	4.49E-08	2.02E-03	0.000151	6.87E-06	0.00351	4.64E-08	0.003668
1829	494461.06	3859151.99	0.0734	0.08225	0.0683	0.07079	1.38E-04	7.2E-06	0.00148	7.9E-08	0.00163	1.69E-04	8.84206E-06	0.001827	4.43E-08	2.00E-03	0.000149	6.8E-06	0.003479	4.57E-08	0.003634
1830	494511.06	3859151.99	0.07233	0.08117	0.0675	0.06942	1.36E-04	7.1E-06	0.00147	7.8E-08	0.00161	1.67E-04	8.72596E-06	0.001805	4.34E-08	1.98E-03	0.000147	6.71E-06	0.003438	4.48E-08	0.003591
1831	494561.06	3859151.99	0.07166	0.08052	0.06699	0.06868	1.35E-04	7.1E-06	0.00145	7.7E-08	0.0016	1.65E-04	8.65608E-06	0.001792	4.3E-08	1.97E-03	0.000145	6.66E-06	0.003412	4.44E-08	0.003564
1832	494611.06	3859151.99	0.07057	0.07937	0.06614	0.06732	1.33E-04	7E-06	0.00144	7.5E-08	0.00158	1.63E-04	8.53245E-06	0.001769	4.21E-08	1.94E-03	0.000143	6.56E-06	0.003369	4.35E-08	0.003518
1833	494661.06	3859151.99	0.06984	0.07863	0.06558	0.06651	1.31E-04	6.9E-06	0.00142	7.4E-08	0.00156	1.61E-04	8.4529E-06	0.001754	4.16E-08	1.92E-03	0.000142	6.5E-06	0.00334	4.3E-08	0.003488
1834	494711.06	3859151.99	0.06921	0.07799	0.06509	0.06584	1.30E-04	6.8E-06	0.00141	7.4E-08	0.00155	1.59E-04	8.3841E-06	0.001741	4.12E-08	1.91E-03	0.000141	6.45E-06	0.003315	4.25E-08	0.003462
1835	494761.06	3859151.99	0.0679	0.07657	0.06404	0.06427	1.28E-04	6.7E-06	0.00139	7.2E-08	0.00153	1.56E-04	8.23145E-06	0.001713	4.02E-08	1.88E-03	0.000138	6.33E-06	0.003262	4.15E-08	0.003406
1836	494811.06	3859151.99	0.06679	0.07534	0.06313	0.063	1.26E-04	6.6E-06	0.00137	7E-08	0.0015	1.54E-04	8.09922E-06	0.001688	3.94E-08	1.85E-03	0.000136	6.23E-06	0.003215	4.07E-08	0.003357
1837	494861.06	3859151.99	0.06605	0.07455	0.06254	0.06223	1.24E-04	6.5E-06	0.00136	7E-08	0.00149	1.52E-04	8.01429E-06	0.001673	3.89E-08	1.83E-03	0.000134	6.17E-06	0.003185	4.02E-08	0.003326
1838	494911.06	3859151.99	0.06465	0.07296	0.06136	0.06066	1.21E-04	6.4E-06	0.00133	6.8E-08	0.00146	1.49E-04	7.84336E-06	0.001641	3.79E-08	1.80E-03	0.000131	6.03E-06	0.003125	3.92E-08	0.003262
1839	494961.06	3859151.99	0.06278	0.07086	0.05982	0.05848	1.18E-04	6.2E-06	0.0013	6.5E-08	0.00142	1.45E-04	7.61761E-06	0.0016	3.66E-08	1.75E-03	0.000127	5.86E-06	0.003047	3.78E-08	0.00318
1840	495011.06	3859151.99	0.06085	0.06857	0.05804	0.0566	1.14E-04	6E-06	0.00126	6.3E-08	0.00138	1.40E-04	7.37143E-06	0.001552	3.54E-08	1.70E-03	0.000124	5.67E-06	0.002956	3.66E-08	0.003085
1841	495061.06	3859151.99	0.06066	0.0684	0.05792	0.05649	1.14E-04	6E-06	0.00126	6.3E-08	0.00138	1.40E-04	7.35315E-06	0.001549	3.53E-08	1.70E-03	0.000123	5.66E-06	0.00295	3.65E-08	0.003079
1842	495111.06	3859151.99	0.0603	0.06801	0.05765	0.05619	1.13E-04	6E-06	0.00125	6.3E-08	0.00137	1.39E-04	7.31123E-06	0.001542	3.51E-08	1.69E-03	0.000122	5.62E-06	0.002936	3.63E-08	0.003064
1843	495161.06	3859151.99	0.06066	0.06848	0.05804	0.05666	1.14E-04	6E-06	0.00126	6.3E-08	0.00138	1.40E-04	7.36175E-06	0.001552	3.54E-08	1.70E-03	0.000123	5.66E-06	0.002956	3.66E-08	0.003085
1844	495211.06	3859151.99	0.06036	0.06816	0.05783	0.05643	1.13E-04	6E-06	0.00126	6.3E-08	0.00138	1.39E-04	7.32735E-06	0.001547	3.53E-08	1.69E-03	0.000123	5.64E-06	0.002945	3.65E-08	0.003074
1845	495261.06	3859151.99	0.06008	0.06786	0.05764	0.05622	1.13E-04	6E-06	0.00125	6.3E-08	0.00137	1.38E-04	7.2951E-06	0.001542	3.52E-08	1.69E-03	0.000122	5.61E-06	0.002936	3.63E-08	0.003063
1846	495311.06	3859151.99	0.05989	0.06766	0.05753	0.0561	1.13E-04	5.9E-06	0.00125	6.3E-08	0.00137	1.38E-04	7.2736E-06	0.001539	3.51E-08	1.68E-03	0.000122	5.6E-06	0.00293	3.62E-08	0.003057
1847	495361.06	3859151.99	0.05964	0.06739	0.05736	0.05591	1.12E-04	5.9E-06	0.00125	6.2E-08	0.00136	1.37E-04	7.24458E-06	0.001534	3.5E-08	1.68E-03	0.000121	5.57E-06	0.002921	3.61E-08	0.003048
1848	495411.06	3859151.99	0.0599	0.06772	0.05766	0.05629	1.13E-04	5.9E-06	0.00125	6.3E-08	0.00137	1.38E-04	7.28005E-06	0.001542	3.52E-08	1.69E-03	0.000122	5.6E-06	0.002937	3.64E-08	0.003064
1849	495461.06	3859151.99	0.05968	0.06748	0.05752	0.05614	1.12E-04	5.9E-06	0.00125	6.3E-08	0.00137	1.37E-04	7.25425E-06	0.001538	3.51E-08	1.68E-03	0.000121	5.58E-06	0.00293	3.63E-08	0.003056
1850	495511.06	3859151.99	0.05901	0.0667	0.05696	0.05547	1.11E-04	5.9E-06	0.00124	6.2E-08	0.00135	1.36E-04	7.1704E-06	0.001523	3.47E-08	1.67E-03	0.00012	5.52E-06	0.002901	3.58E-08	0.003026
1851	495561.06	3859151.99	0.05853	0.06615	0.05657	0.05501	1.10E-04	5.8E-06	0.00123	6.1E-08	0.00134	1.35E-04	7.11127E-06	0.001513	3.44E-08	1.65E-03	0.000119	5.47E-06	0.002881	3.55E-08	0.003005
1852	495611.06	3859151.99	0.05812	0.06567	0.05625	0.05463	1.09E-04	5.8E-06	0.00122	6.1E-08	0.00134	1.34E-04	7.05967E-06	0.001504	3.42E-08	1.65E-03	0.000118	5.43E-06	0.002865	3.53E-08	0.002988
1853	495661.06	3859151.99	0.05778	0.06527	0.05599	0.05432	1.09E-04	5.7E-06	0.00122	6.1E-08	0.00133	1.33E-04	7.01667E-06	0.001497	3.4E-08	1.64E-03	0.000117	5.4E-06	0.002852	3.51E-08	0.002974
1854	494311.06	3859201.99	0.07534	0.08345	0.06939	0.07377	1.42E-04	7.3E-06	0.00151	8.2E-08	0.00166	1.73E-04	8.97106E-06	0.001856	4.61E-08	2.04E-03	0.000153	6.9E-06	0.003534	4.77E-08	0.003694
1855	494361.06	3859201.99	0.07483	0.08301	0.06903	0.07324	1.41E-04	7.3E-06	0.0015	8.2E-08	0.00165	1.72E-04	8.92376E-06	0.001846	4.58E-08	2.03E-03	0.000152	6.86E-06	0.003516	4.73E-08	0.003675
1856	494411.06	3859201.99	0.07416	0.08239	0.06854	0.07242	1.39E-04	7.2E-06	0.00149	8.1E-08	0.00164	1.71E-04	8.85711E-06	0.001833	4.53E-08	2.01E-03	0.000151	6.81E-06	0.003491	4.68E-08	0.003648
1857	494461.06	3859201.99	0.07321	0.08146	0.06786	0.07113	1.38E-04	7.1E-06	0.00147	7.9E-08	0.00162	1.69E-04	8.75713E-06	0.001815	4.45E-08	1.99E-03	0.000149	6.74E-06	0.003456	4.59E-08	0.003612
1858	494511.06	3859201.99	0.07254	0.08084	0.06736	0.07033	1.36E-04	7.1E-06	0.00146	7.9E-08	0.00161	1.67E-04	8.69048E-06	0.001802	4.4E-08	1.98E-03	0.000147	6.69E-06	0.003431	4.54E-08	0.003585
1859	494561.06	3859201.99	0.07146	0.07975	0.06656	0.06887	1.34E-04	7E-06	0.00145	7.7E-08	0.00159	1.65E-04	8.5733E-06	0.00178	4.31E-08	1.95E-03	0.000145	6.6E-06	0.00339	4.45E-08	0.003542
1860	494611.06	3859201.99	0.07059	0.07889	0.0659	0.06779	1.33E-04	6.9E-06	0.00143	7.6E-08	0.00157	1.63E-04	8.48085E-06	0.001763	4.24E-08	1.93E-03	0.000143	6.52E-06	0.003356	4.38E-08	0.003506
1861	494661.06	3859201.99	0.06989	0.0782	0.06536	0.06697	1.31E-04	6.9E-06	0.00142	7.5E-08	0.00156	1.61E-04	8.40668E-06	0.001748	4.19E-08	1.92E-03	0.000142	6.47E-06	0.003329	4.33E-08	0.003477
1862	494711.06	3859201.99	0.06917	0.0775	0.06481	0.06615	1.30E-04	6.8E-06	0.00141	7.4E-08	0.00154	1.59E-04	8.33142E-06	0.001733	4.14E-08	1.90E-03	0.00014	6.41E-06	0.003301	4.27E-08	0.003448
1863	494761.06	3859201.99	0.068	0.07627	0.06389	0.06468	1.28E-04	6.7E-06	0.00139	7.2E-08	0.00152	1.57E-04	8.1992E-06	0.001709	4.05E-08	1.87E-03	0.000138	6.31E-06	0.003254	4.18E-08	0.003398
1864	494811.06	3859201.99	0.06701	0.07522	0.0631	0.06351	1.26E-04	6.6E-06	0.00137	7.1E-08	0.0015	1.54E-04	8.08632E-06	0.001688	3.97E-08	1.85E-03	0.000136	6.22E-06	0.003214	4.1E-08	0.003356
1865	494861.06	3859201.99	0.06589	0.07405	0.06223	0.06204	1.24E-04	6.5E-06	0.00135	6.9E-08	0.00148	1.52E-04	7.96054E-06	0.001664	3.88E-08	1.82E-03	0.000134	6.12E-06	0.003169	4.01E-08	0.003309
1866	494911.06	3859201.99	0.06435	0.0723	0.06091	0.06039	1.21E-04	6.3E-06	0.00132	6.7E-08	0.00145	1.48E-04	7.77241E-06	0.001629	3.78E-08	1.79E-03	0.000131	5.98E-06	0.003102	3.9E-08	0.003239
1867	494961.06	3859201.99	0.06274	0.07048	0.05953	0.05859	1.18E-04	6.2E-06	0.00129	6.5E-08	0.00142	1.44E-04	7.57676E-06	0.001592	3.66E-08	1.74E-03	0.000127	5.83E-06	0.003032	3.78E-08	0.003165
1868	495011.06	3859201.99	0.06056	0.06798	0.05762	0.0562	1.14E-04	6E-06	0.00125	6.3E-08	0.00137	1.39E-04	7.308E-06	0.001541	3.51E-08	1.69E-03	0.000123	5.62E-06	0.002935	3.63E-08	0.003063
1869	495061.06	3859201.99	0.06131	0.06894	0.05834	0.05719	1.15E-04	6E-06	0.00127	6.4E-08	0.00139	1.41E-04	7.4112E-06	0.00156	3.58E-08	1.71E-03	0.000124	5.7E-06	0.002971	3.69E-08	0.003102
1870	495111.06	3859201.99	0.06125	0.06893	0.05834	0.05723	1.15E-04	6E-06	0.00127	6.4E-08	0.00139	1.41E-04	7.41013E-06	0.00156	3.58E-08	1.71E-03	0.000124	5.7E-06	0.002971	3.7E-08	0.003101
1871	495161.06	3859201.99	0.06107	0.06879	0.05823	0.05715	1.15E-04	6E-06	0.00126	6.4E-08	0.00139	1.41E-04	7.39508E-06	0.001557	3.57E-08	1.71E-03	0.000124	5.69E-06	0.002966	3.69E-08	0.003095
1872	495211.06	3859201.99	0.06059	0.06827	0.05785	0.05671	1.14E-04	6E-06	0.00126	6.3E-08	0.00138	1.40E-04	7.33918E-06	0.001547	3.55E-08	1.69E-03	0.000123	5.65E-06	0.002946	3.66E-08	0.003075
1873	495261.06	3859201.99	0.06055	0.06827	0.05787	0.05678	1.14E-04	6E-06	0.00126	6.3E-08	0.00138	1.39E-04	7.33918E-06	0.001548	3.55E-08	1.69E-03	0.000123	5.65E-06	0.002947	3.67E-08	0.003076
1874	495311.06	3859201.99	0.06036	0.06809	0.05775	0.05667	1.13E-04	6E-06	0.00125	6.3E-08	0.00137	1.39E-04	7.31983E-06	0.001545	3.54E-08	1.69E-03	0.000123	5.63E-06	0.002941	3.66E-08	0.003069
1875	495361.06	3859201.99	0.06023	0.06798	0.05769	0.05664	1.13E-04	6E-06	0.00125	6.3E-08	0.00137	1.39E-04	7.308E-06	0.001543	3.54E-08	1.69E-03	0.000122	5.62E-06	0.002938	3.66E-08	0.003066
1876	495411.06	3859201.99	0.06038	0.06819	0.05788	0.05694	1.13E-04	6E-06	0.00126	6.4E-08	0.00138	1.39E-04	7.33058E-06	0.001548	3.56E-08	1.69E-03	0.000123	5.64E-06	0.002948	3.68E-08	0.003076
1877	495461.06	3859201.99	0.06005	0.06784	0.05764	0.05666	1.13E-04	6E-06	0.00125	6.3E-08	0.00137	1.38E-04	7.29295E-06	0.001542	3.54E-08	1.69E-03	0.000122	5.61E-06	0.002936	3.66E-08	0.003063
1878	495511.06	3859201.99	0.05973	0.06749	0.0574	0.05639	1.12E-04	5.9E-06	0.00125	6.3E-08	0.00136	1.38E-04	7.25533E-06	0.001535	3.53E-08	1.68E-03	0.000121	5.58E-06	0.002923	3.64E-08	0.00305
1879	495561.06	3859201.99	0.05901	0.06667	0.05681	0.05564	1.11E-04	5.8E-06	0.00123	6.2E-08	0.00135	1.36E-04	7.16717E-06	0.001519	3.48E-08	1.66E-03	0.00012	5.51E-06	0.002893	3.59E-08	0.003019
1880	495611.06	3859201.99	0.05851	0.0661	0.0564	0.05515	1.10E-04	5.8E-06	0.00122	6.2E-08	0.00134	1.35E-04	7.1059E-06	0.001508	3.45E-08	1.65E-03	0.000119	5.47E-06	0.002872	3.56E-08	0.002997
1881	495661.06	3859201.99	0.05818	0.06573	0.05616	0.05486	1.09E-04	5.8E-06	0.00122	6.1E-08	0.00133	1.34E-04	7.06612E-06	0.001502	3.43E-08	1.64E-03	0.000118	5.44E-06	0.00286	3.54E-08	0.002984
1882	494311.06	3859251.99	0.07518	0.0827	0.06891	0.07445	1.41E-04	7.3E-06	0.0015	8.3E-08	0.00165	1.73E-04	8.89044E-06	0.001843	4.66E-08	2.03E-03	0.000153	6.84E-06	0.00351	4.81E-08	0.003669
1883	494361.06	3859251.99	0.07449	0.08207	0.06844	0.07356	1.40E-04	7.2E-06	0.00149	8.2E-08	0.00163	1.72E-04	8.82271E-06	0.00183	4.6E-08	2.01E-03	0.000151	6.79E-06	0.003486	4.75E-08	0.003644
1884	494411.06	3859251.99	0.07358	0.08119	0.06781	0.07224	1.38E-04	7.1E-06	0.00147	8.1E-08	0.00162	1.69E-04	8.72811E-06	0.001814	4.52E-08	1.99E-03	0.000149	6.71E-06	0.003454	4.67E-08	0.00361
1885	494461.06	3859251.99	0.07295	0.08061	0.06735	0.07146	1.37E-04	7.1E-06	0.00146	8E-08	0.00161	1.68E-04	8.66576E-06	0.001801	4.47E-08	1.98E-03	0.000148	6.67E-06	0.00343	4.62E-08	0.003585
1886	494511.06	3859251.99	0.07193	0.07962	0.06663	0.07001	1.35E-04	7E-06	0.00145	7.8E-08	0.00159	1.66E-04	8.55933E-06	0.001782	4.38E-08	1.96E-03	0.000146	6.58E-06	0.003394	4.52E-08	0.003546
1887	494561.06	3859251.99	0.07124	0.07896	0.06611	0.06914	1.34E-04	6.9E-06	0.00144	7.7E-08	0.00158	1.64E-04	8.48838E-06	0.001768	4.32E-08	1.94E-03	0.000145	6.53E-06	0.003367	4.47E-08	0.003518

1888	494611.06	3859251.99	0.07033	0.07807	0.06544	0.06794	1.32E-04	6.8E-06	0.00142	7.6E-08	0.00156	1.62E-04	8.3927E-06	0.00175	4.25E-08	1.92E-03	0.000143	6.46E-06	0.003333	4.39E-08	0.003482
1889	494661.06	3859251.99	0.06981	0.0776	0.06505	0.06738	1.31E-04	6.8E-06	0.00141	7.5E-08	0.00155	1.61E-04	8.34217E-06	0.00174	4.21E-08	1.91E-03	0.000142	6.42E-06	0.003313	4.35E-08	0.003461
1890	494711.06	3859251.99	0.06912	0.07694	0.06453	0.06654	1.30E-04	6.7E-06	0.0014	7.4E-08	0.00154	1.59E-04	8.27122E-06	0.001726	4.16E-08	1.89E-03	0.00014	6.36E-06	0.003287	4.3E-08	0.003433
1891	494761.06	3859251.99	0.06743	0.0752	0.06325	0.06407	1.27E-04	6.6E-06	0.00137	7.2E-08	0.00151	1.55E-04	8.08417E-06	0.001692	4.01E-08	1.86E-03	0.000137	6.22E-06	0.003221	4.14E-08	0.003365
1892	494811.06	3859251.99	0.0671	0.07487	0.06296	0.06395	1.26E-04	6.6E-06	0.00137	7.1E-08	0.0015	1.55E-04	8.04869E-06	0.001684	4E-08	1.85E-03	0.000136	6.19E-06	0.003207	4.13E-08	0.003349
1893	494861.06	3859251.99	0.06551	0.07322	0.06177	0.06184	1.23E-04	6.4E-06	0.00134	6.9E-08	0.00147	1.51E-04	7.87131E-06	0.001652	3.87E-08	1.81E-03	0.000133	6.06E-06	0.003146	3.99E-08	0.003285
1894	494911.06	3859251.99	0.06402	0.07153	0.06045	0.06011	1.20E-04	6.3E-06	0.00131	6.7E-08	0.00144	1.47E-04	7.68964E-06	0.001617	3.76E-08	1.77E-03	0.00013	5.92E-06	0.003079	3.88E-08	0.003215
1895	494961.06	3859251.99	0.06323	0.07071	0.0598	0.05927	1.19E-04	6.2E-06	0.0013	6.6E-08	0.00142	1.46E-04	7.60148E-06	0.001599	3.71E-08	1.75E-03	0.000128	5.85E-06	0.003046	3.83E-08	0.00318
1896	495011.06	3859251.99	0.06227	0.06968	0.059	0.05824	1.17E-04	6.1E-06	0.00128	6.5E-08	0.0014	1.43E-04	7.49076E-06	0.001578	3.64E-08	1.73E-03	0.000126	5.76E-06	0.003005	3.76E-08	0.003137
1897	495061.06	3859251.99	0.06228	0.06978	0.05904	0.0584	1.17E-04	6.1E-06	0.00128	6.5E-08	0.00141	1.43E-04	7.50151E-06	0.001579	3.65E-08	1.73E-03	0.000126	5.77E-06	0.003007	3.77E-08	0.003139
1898	495111.06	3859251.99	0.06189	0.06939	0.05873	0.05805	1.16E-04	6.1E-06	0.00128	6.5E-08	0.0014	1.43E-04	7.45958E-06	0.001571	3.63E-08	1.72E-03	0.000126	5.74E-06	0.002991	3.75E-08	0.003123
1899	495161.06	3859251.99	0.06168	0.06922	0.05859	0.05794	1.16E-04	6.1E-06	0.00127	6.5E-08	0.00139	1.42E-04	7.44131E-06	0.001567	3.62E-08	1.72E-03	0.000125	5.72E-06	0.002984	3.74E-08	0.003115
1900	495211.06	3859251.99	0.06124	0.06878	0.05824	0.05754	1.15E-04	6E-06	0.00126	6.4E-08	0.00139	1.41E-04	7.394E-06	0.001558	3.6E-08	1.71E-03	0.000124	5.69E-06	0.002966	3.72E-08	0.003096
1901	495261.06	3859251.99	0.0611	0.06873	0.05824	0.05742	1.15E-04	6E-06	0.00126	6.4E-08	0.00139	1.41E-04	7.38863E-06	0.001558	3.59E-08	1.71E-03	0.000124	5.68E-06	0.002966	3.71E-08	0.003096
1902	495311.06	3859251.99	0.06102	0.06865	0.05813	0.05755	1.15E-04	6E-06	0.00126	6.4E-08	0.00138	1.41E-04	7.38003E-06	0.001555	3.6E-08	1.70E-03	0.000124	5.68E-06	0.002961	3.72E-08	0.00309
1903	495361.06	3859251.99	0.06075	0.06839	0.05794	0.05736	1.14E-04	6E-06	0.00126	6.4E-08	0.00138	1.40E-04	7.35208E-06	0.00155	3.59E-08	1.70E-03	0.000123	5.66E-06	0.002951	3.71E-08	0.00308
1904	495411.06	3859251.99	0.06081	0.06851	0.05803	0.05758	1.14E-04	6E-06	0.00126	6.4E-08	0.00138	1.40E-04	7.36498E-06	0.001552	3.6E-08	1.70E-03	0.000123	5.67E-06	0.002956	3.72E-08	0.003085
1905	495461.06	3859251.99	0.0605	0.0682	0.05781	0.05734	1.14E-04	6E-06	0.00126	6.4E-08	0.00138	1.39E-04	7.33165E-06	0.001546	3.59E-08	1.69E-03	0.000123	5.64E-06	0.002944	3.7E-08	0.003073
1906	495511.06	3859251.99	0.0598	0.06743	0.05725	0.05659	1.12E-04	5.9E-06	0.00124	6.3E-08	0.00136	1.38E-04	7.24888E-06	0.001531	3.54E-08	1.68E-03	0.000121	5.58E-06	0.002916	3.66E-08	0.003043
1907	495561.06	3859251.99	0.0594	0.067	0.05694	0.05623	1.12E-04	5.9E-06	0.00124	6.3E-08	0.00135	1.37E-04	7.20265E-06	0.001523	3.52E-08	1.67E-03	0.000121	5.54E-06	0.0029	3.63E-08	0.003026
1908	495611.06	3859251.99	0.0588	0.06632	0.05645	0.05559	1.10E-04	5.8E-06	0.00123	6.2E-08	0.00134	1.35E-04	7.12955E-06	0.00151	3.48E-08	1.65E-03	0.000119	5.48E-06	0.002875	3.59E-08	0.003
1909	495661.06	3859251.99	0.05839	0.06589	0.05614	0.05522	1.10E-04	5.8E-06	0.00122	6.2E-08	0.00133	1.34E-04	7.08332E-06	0.001502	3.45E-08	1.64E-03	0.000119	5.45E-06	0.002859	3.57E-08	0.002983
1910	494311.06	3859301.99	0.07483	0.08183	0.06827	0.07491	1.41E-04	7.2E-06	0.00148	8.4E-08	0.00163	1.72E-04	8.79691E-06	0.001826	4.69E-08	2.01E-03	0.000152	6.77E-06	0.003477	4.84E-08	0.003636
1911	494361.06	3859301.99	0.07414	0.08118	0.06781	0.07396	1.39E-04	7.1E-06	0.00147	8.3E-08	0.00162	1.71E-04	8.72703E-06	0.001814	4.63E-08	1.99E-03	0.000151	6.71E-06	0.003454	4.78E-08	0.003611
1912	494411.06	3859301.99	0.07328	0.08036	0.06724	0.07266	1.38E-04	7E-06	0.00146	8.1E-08	0.00161	1.69E-04	8.63888E-06	0.001798	4.54E-08	1.98E-03	0.000149	6.65E-06	0.003425	4.69E-08	0.00358
1913	494461.06	3859301.99	0.07241	0.07952	0.06665	0.07138	1.36E-04	7E-06	0.00145	8E-08	0.00159	1.67E-04	8.54858E-06	0.001783	4.46E-08	1.96E-03	0.000147	6.58E-06	0.003395	4.61E-08	0.003548
1914	494511.06	3859301.99	0.07162	0.07876	0.0661	0.07027	1.35E-04	6.9E-06	0.00144	7.9E-08	0.00158	1.65E-04	8.46688E-06	0.001768	4.39E-08	1.94E-03	0.000145	6.51E-06	0.003367	4.54E-08	0.003518
1915	494561.06	3859301.99	0.07097	0.07815	0.06563	0.06944	1.33E-04	6.9E-06	0.00143	7.8E-08	0.00157	1.63E-04	8.4013E-06	0.001755	4.34E-08	1.93E-03	0.000144	6.46E-06	0.003343	4.49E-08	0.003493
1916	494611.06	3859301.99	0.07025	0.07747	0.06511	0.06849	1.32E-04	6.8E-06	0.00141	7.7E-08	0.00155	1.62E-04	8.3282E-06	0.001741	4.28E-08	1.91E-03	0.000143	6.41E-06	0.003316	4.42E-08	0.003465
1917	494661.06	3859301.99	0.06954	0.07679	0.06459	0.06756	1.31E-04	6.7E-06	0.0014	7.5E-08	0.00154	1.60E-04	8.2551E-06	0.001728	4.23E-08	1.90E-03	0.000141	6.35E-06	0.00329	4.36E-08	0.003437
1918	494711.06	3859301.99	0.06867	0.07594	0.06395	0.0664	1.29E-04	6.7E-06	0.00139	7.4E-08	0.00152	1.58E-04	8.16372E-06	0.00171	4.15E-08	1.88E-03	0.000139	6.28E-06	0.003257	4.29E-08	0.003403
1919	494761.06	3859301.99	0.0679	0.07518	0.06336	0.0654	1.28E-04	6.6E-06	0.00138	7.3E-08	0.00151	1.56E-04	8.08202E-06	0.001695	4.09E-08	1.86E-03	0.000138	6.22E-06	0.003227	4.22E-08	0.003371
1920	494811.06	3859301.99	0.06678	0.07404	0.0625	0.06389	1.25E-04	6.5E-06	0.00136	7.1E-08	0.00149	1.54E-04	7.95947E-06	0.001672	4E-08	1.83E-03	0.000136	6.12E-06	0.003183	4.13E-08	0.003325
1921	494861.06	3859301.99	0.0652	0.07237	0.06126	0.06178	1.23E-04	6.3E-06	0.00133	6.9E-08	0.00146	1.50E-04	7.77994E-06	0.001638	3.86E-08	1.80E-03	0.000132	5.98E-06	0.00312	3.99E-08	0.003258
1922	494911.06	3859301.99	0.06438	0.07153	0.06059	0.06082	1.21E-04	6.3E-06	0.00132	6.8E-08	0.00144	1.48E-04	7.68964E-06	0.001621	3.8E-08	1.78E-03	0.000131	5.92E-06	0.003086	3.93E-08	0.003223
1923	494961.06	3859301.99	0.06275	0.06978	0.05927	0.05874	1.18E-04	6.1E-06	0.00129	6.6E-08	0.00141	1.45E-04	7.50151E-06	0.001585	3.67E-08	1.74E-03	0.000127	5.77E-06	0.003019	3.79E-08	0.003152
1924	495011.06	3859301.99	0.06213	0.06916	0.05875	0.05809	1.17E-04	6.1E-06	0.00128	6.5E-08	0.0014	1.43E-04	7.43485E-06	0.001571	3.63E-08	1.72E-03	0.000126	5.72E-06	0.002992	3.75E-08	0.003124
1925	495061.06	3859301.99	0.06281	0.07007	0.05941	0.05915	1.18E-04	6.1E-06	0.00129	6.6E-08	0.00141	1.45E-04	7.53268E-06	0.001589	3.7E-08	1.74E-03	0.000128	5.79E-06	0.003026	3.82E-08	0.003159
1926	495111.06	3859301.99	0.06193	0.06911	0.05863	0.05814	1.16E-04	6.1E-06	0.00127	6.5E-08	0.0014	1.43E-04	7.42948E-06	0.001568	3.64E-08	1.72E-03	0.000126	5.72E-06	0.002986	3.76E-08	0.003118
1927	495161.06	3859301.99	0.06171	0.06892	0.05844	0.05811	1.16E-04	6E-06	0.00127	6.5E-08	0.00139	1.42E-04	7.40905E-06	0.001563	3.63E-08	1.71E-03	0.000125	5.7E-06	0.002976	3.75E-08	0.003107
1928	495211.06	3859301.99	0.06185	0.06916	0.05859	0.05846	1.16E-04	6.1E-06	0.00127	6.5E-08	0.00139	1.42E-04	7.43485E-06	0.001567	3.66E-08	1.72E-03	0.000126	5.72E-06	0.002984	3.78E-08	0.003115
1929	495261.06	3859301.99	0.06176	0.06913	0.05854	0.05852	1.16E-04	6.1E-06	0.00127	6.5E-08	0.00139	1.42E-04	7.43163E-06	0.001566	3.66E-08	1.72E-03	0.000125	5.72E-06	0.002981	3.78E-08	0.003113
1930	495311.06	3859301.99	0.06115	0.06851	0.05805	0.05787	1.15E-04	6E-06	0.00126	6.5E-08	0.00138	1.41E-04	7.36498E-06	0.001553	3.62E-08	1.70E-03	0.000124	5.67E-06	0.002957	3.74E-08	0.003086
1931	495361.06	3859301.99	0.06113	0.06855	0.05807	0.05802	1.15E-04	6E-06	0.00126	6.5E-08	0.00138	1.41E-04	7.36928E-06	0.001553	3.63E-08	1.70E-03	0.000124	5.67E-06	0.002958	3.75E-08	0.003087
1932	495411.06	3859301.99	0.06092	0.06837	0.05792	0.05791	1.14E-04	6E-06	0.00126	6.5E-08	0.00138	1.40E-04	7.34993E-06	0.001549	3.62E-08	1.70E-03	0.000124	5.65E-06	0.00295	3.74E-08	0.003079
1933	495461.06	3859301.99	0.06078	0.06827	0.05783	0.05788	1.14E-04	6E-06	0.00126	6.5E-08	0.00138	1.40E-04	7.33918E-06	0.001547	3.62E-08	1.69E-03	0.000123	5.65E-06	0.002945	3.74E-08	0.003074
1934	495511.06	3859301.99	0.06024	0.0677	0.0574	0.05731	1.13E-04	5.9E-06	0.00125	6.4E-08	0.00137	1.39E-04	7.2779E-06	0.001535	3.58E-08	1.68E-03	0.000122	5.6E-06	0.002923	3.7E-08	0.003051
1935	495561.06	3859301.99	0.05937	0.06675	0.05669	0.05632	1.12E-04	5.9E-06	0.00123	6.3E-08	0.00135	1.37E-04	7.17577E-06	0.001516	3.52E-08	1.66E-03	0.000121	5.52E-06	0.002887	3.64E-08	0.003013
1936	495611.06	3859301.99	0.05898	0.06635	0.0564	0.05597	1.11E-04	5.8E-06	0.00122	6.3E-08	0.00134	1.36E-04	7.13277E-06	0.001508	3.5E-08	1.65E-03	0.00012	5.49E-06	0.002872	3.62E-08	0.002998
1937	495661.06	3859301.99	0.05859	0.06594	0.05609	0.0556	1.10E-04	5.8E-06	0.00122	6.2E-08	0.00133	1.35E-04	7.0887E-06	0.0015	3.48E-08	1.64E-03	0.000119	5.45E-06	0.002857	3.59E-08	0.002981
1938	494311.06	3859351.99	0.07421	0.08078	0.06745	0.07489	1.39E-04	7.1E-06	0.00146	8.4E-08	0.00161	1.71E-04	8.68403E-06	0.001804	4.68E-08	1.98E-03	0.000151	6.68E-06	0.003435	4.84E-08	0.003593
1939	494361.06	3859351.99	0.07355	0.08014	0.06703	0.07396	1.38E-04	7E-06	0.00146	8.3E-08	0.0016	1.69E-04	8.61523E-06	0.001793	4.63E-08	1.97E-03	0.000149	6.63E-06	0.003414	4.78E-08	0.00357
1940	494411.06	3859351.99	0.07267	0.07928	0.06647	0.07254	1.37E-04	7E-06	0.00144	8.1E-08	0.00159	1.67E-04	8.52278E-06	0.001778	4.54E-08	1.95E-03	0.000148	6.56E-06	0.003385	4.69E-08	0.00354
1941	494461.06	3859351.99	0.07188	0.07852	0.06595	0.07137	1.35E-04	6.9E-06	0.00143	8E-08	0.00157	1.66E-04	8.44108E-06	0.001764	4.46E-08	1.94E-03	0.000146	6.49E-06	0.003359	4.61E-08	0.003511
1942	494511.06	3859351.99	0.07116	0.07782	0.06546	0.07035	1.34E-04	6.8E-06	0.00142	7.9E-08	0.00156	1.64E-04	8.36582E-06	0.001751	4.4E-08	1.92E-03	0.000144	6.44E-06	0.003334	4.54E-08	0.003485
1943	494561.06	3859351.99	0.0706	0.0773	0.06507	0.06965	1.33E-04	6.8E-06	0.00141	7.8E-08	0.00155	1.63E-04	8.30992E-06	0.00174	4.36E-08	1.91E-03	0.000143	6.39E-06	0.003314	4.5E-08	0.003464
1944	494611.06	3859351.99	0.06995	0.07668	0.06461	0.06879	1.31E-04	6.7E-06	0.0014	7.7E-08	0.00154	1.61E-04	8.24327E-06	0.001728	4.3E-08	1.90E-03	0.000142	6.34E-06	0.003291	4.44E-08	0.003439
1945	494661.06	3859351.99	0.06927	0.07602	0.06412	0.06785	1.30E-04	6.7E-06	0.00139	7.6E-08	0.00153	1.60E-04	8.17232E-06	0.001715	4.24E-08	1.88E-03	0.000141	6.29E-06	0.003266	4.38E-08	0.003413
1946	494711.06	3859351.99	0.06839	0.07516	0.06348	0.0666	1.29E-04	6.6E-06	0.00138	7.4E-08	0.00151	1.57E-04	8.07987E-06	0.001698	4.17E-08	1.86E-03	0.000139	6.22E-06	0.003233	4.3E-08	0.003378
1947	494761.06	3859351.99	0.06728	0.07411	0.06273	0.06493	1.26E-04	6.5E-06	0.00136	7.3E-08	0.0015	1.55E-04	7.96699E-06	0.001678	4.06E-08	1.84E-03	0.000137	6.13E-06	0.003195	4.19E-08	0.003338
1948	494811.06	3859351.99	0.0657	0.07239	0.06147	0.06269	1.23E-04	6.4E-06	0.00133	7E-08	0.00146	1.51E-04	7.78209E-06	0.001644	3.92E-08	1.80E-03	0.000133	5.99E-06	0.003131	4.05E-08	0.00327

1949	494861.06	3859351.99	0.06505	0.07177	0.06097	0.06194	1.22E-04	6.3E-06	0.00132	6.9E-08	0.00145	1.50E-04	7.71544E-06	0.001631	3.87E-08	1.79E-03	0.000132	5.94E-06	0.003105	4E-08	0.003243
1950	494911.06	3859351.99	0.06461	0.07137	0.06062	0.0615	1.21E-04	6.3E-06	0.00132	6.9E-08	0.00144	1.49E-04	7.67243E-06	0.001621	3.85E-08	1.78E-03	0.000131	5.9E-06	0.003087	3.97E-08	0.003225
1951	494961.06	3859351.99	0.06386	0.07062	0.06002	0.0606	1.20E-04	6.2E-06	0.0013	6.8E-08	0.00143	1.47E-04	7.59181E-06	0.001605	3.79E-08	1.76E-03	0.00013	5.84E-06	0.003057	3.91E-08	0.003192
1952	495011.06	3859351.99	0.06331	0.07009	0.05958	0.06001	1.19E-04	6.1E-06	0.00129	6.7E-08	0.00142	1.46E-04	7.53483E-06	0.001594	3.75E-08	1.75E-03	0.000129	5.8E-06	0.003034	3.88E-08	0.003169
1953	495061.06	3859351.99	0.06356	0.07046	0.05978	0.06057	1.19E-04	6.2E-06	0.0013	6.8E-08	0.00142	1.46E-04	7.57461E-06	0.001599	3.79E-08	1.75E-03	0.000129	5.83E-06	0.003045	3.91E-08	0.00318
1954	495111.06	3859351.99	0.06295	0.06986	0.05929	0.05988	1.18E-04	6.1E-06	0.00129	6.7E-08	0.00141	1.45E-04	7.51011E-06	0.001586	3.75E-08	1.74E-03	0.000128	5.78E-06	0.00302	3.87E-08	0.003153
1955	495161.06	3859351.99	0.06264	0.0696	0.05905	0.05964	1.18E-04	6.1E-06	0.00128	6.7E-08	0.00141	1.44E-04	7.48216E-06	0.001579	3.73E-08	1.73E-03	0.000127	5.76E-06	0.003007	3.85E-08	0.00314
1956	495211.06	3859351.99	0.0623	0.06929	0.05878	0.05933	1.17E-04	6.1E-06	0.00128	6.6E-08	0.0014	1.43E-04	7.44883E-06	0.001572	3.71E-08	1.72E-03	0.000126	5.73E-06	0.002994	3.83E-08	0.003126
1957	495261.06	3859351.99	0.06216	0.06922	0.05868	0.05934	1.17E-04	6.1E-06	0.00127	6.6E-08	0.0014	1.43E-04	7.44131E-06	0.001569	3.71E-08	1.72E-03	0.000126	5.72E-06	0.002989	3.83E-08	0.003121
1958	495311.06	3859351.99	0.06165	0.06872	0.05828	0.0588	1.16E-04	6E-06	0.00127	6.6E-08	0.00139	1.42E-04	7.38755E-06	0.001559	3.68E-08	1.71E-03	0.000125	5.68E-06	0.002968	3.8E-08	0.003099
1959	495361.06	3859351.99	0.06134	0.06845	0.05804	0.05855	1.15E-04	6E-06	0.00126	6.5E-08	0.00138	1.41E-04	7.35853E-06	0.001552	3.66E-08	1.70E-03	0.000125	5.66E-06	0.002956	3.78E-08	0.003086
1960	495411.06	3859351.99	0.06118	0.06833	0.05792	0.0585	1.15E-04	6E-06	0.00126	6.5E-08	0.00138	1.41E-04	7.34563E-06	0.001549	3.66E-08	1.70E-03	0.000124	5.65E-06	0.00295	3.78E-08	0.00308
1961	495461.06	3859351.99	0.06111	0.06832	0.05788	0.05861	1.15E-04	6E-06	0.00126	6.5E-08	0.00138	1.41E-04	7.34455E-06	0.001548	3.67E-08	1.70E-03	0.000124	5.65E-06	0.002948	3.79E-08	0.003078
1962	495511.06	3859351.99	0.06041	0.06759	0.05733	0.05778	1.14E-04	5.9E-06	0.00124	6.5E-08	0.00136	1.39E-04	7.26608E-06	0.001533	3.61E-08	1.68E-03	0.000123	5.59E-06	0.00292	3.73E-08	0.003048
1963	495561.06	3859351.99	0.05988	0.06705	0.05691	0.05721	1.13E-04	5.9E-06	0.00124	6.4E-08	0.00135	1.38E-04	7.20803E-06	0.001522	3.58E-08	1.67E-03	0.000122	5.54E-06	0.002898	3.7E-08	0.003026
1964	495611.06	3859351.99	0.0595	0.06668	0.05662	0.05685	1.12E-04	5.8E-06	0.00123	6.4E-08	0.00135	1.37E-04	7.16825E-06	0.001514	3.56E-08	1.66E-03	0.000121	5.51E-06	0.002884	3.67E-08	0.00301
1965	495661.06	3859351.99	0.05878	0.06591	0.05604	0.05603	1.10E-04	5.8E-06	0.00122	6.3E-08	0.00133	1.35E-04	7.08547E-06	0.001499	3.5E-08	1.64E-03	0.000119	5.45E-06	0.002854	3.62E-08	0.002979
1966	494311.06	3859401.99	0.07368	0.07992	0.06666	0.07518	1.38E-04	7E-06	0.00145	8.4E-08	0.00159	1.70E-04	8.59158E-06	0.001783	4.7E-08	1.96E-03	0.00015	6.61E-06	0.003395	4.86E-08	0.003551
1967	494361.06	3859401.99	0.07287	0.07911	0.06619	0.07382	1.37E-04	6.9E-06	0.00144	8.2E-08	0.00158	1.68E-04	8.5045E-06	0.00177	4.62E-08	1.95E-03	0.000148	6.54E-06	0.003371	4.77E-08	0.003526
1968	494411.06	3859401.99	0.07202	0.07826	0.06567	0.07238	1.35E-04	6.9E-06	0.00143	8.1E-08	0.00157	1.66E-04	8.41313E-06	0.001756	4.53E-08	1.93E-03	0.000146	6.47E-06	0.003345	4.68E-08	0.003497
1969	494461.06	3859401.99	0.07133	0.07759	0.06523	0.07138	1.34E-04	6.8E-06	0.00142	8E-08	0.00156	1.64E-04	8.3411E-06	0.001745	4.46E-08	1.92E-03	0.000145	6.42E-06	0.003322	4.61E-08	0.003473
1970	494511.06	3859401.99	0.07084	0.07711	0.06489	0.07079	1.33E-04	6.8E-06	0.00141	7.9E-08	0.00155	1.63E-04	8.2895E-06	0.001736	4.43E-08	1.91E-03	0.000144	6.38E-06	0.003305	4.57E-08	0.003455
1971	494561.06	3859401.99	0.07026	0.07655	0.0645	0.07002	1.32E-04	6.7E-06	0.0014	7.8E-08	0.00154	1.62E-04	8.2293E-06	0.001725	4.38E-08	1.90E-03	0.000143	6.33E-06	0.003285	4.52E-08	0.003434
1972	494611.06	3859401.99	0.06957	0.07587	0.06403	0.069	1.31E-04	6.7E-06	0.00139	7.7E-08	0.00153	1.60E-04	8.15619E-06	0.001713	4.32E-08	1.88E-03	0.000141	6.27E-06	0.003261	4.46E-08	0.003409
1973	494661.06	3859401.99	0.06904	0.07537	0.06365	0.06835	1.30E-04	6.6E-06	0.00138	7.6E-08	0.00152	1.59E-04	8.10244E-06	0.001702	4.27E-08	1.87E-03	0.00014	6.23E-06	0.003242	4.42E-08	0.003388
1974	494711.06	3859401.99	0.06842	0.07477	0.06321	0.06749	1.29E-04	6.6E-06	0.00137	7.5E-08	0.00151	1.58E-04	8.03794E-06	0.001691	4.22E-08	1.86E-03	0.000139	6.18E-06	0.003219	4.36E-08	0.003364
1975	494761.06	3859401.99	0.06729	0.07372	0.0625	0.06571	1.26E-04	6.5E-06	0.00136	7.3E-08	0.00149	1.55E-04	7.92507E-06	0.001672	4.11E-08	1.83E-03	0.000137	6.1E-06	0.003183	4.24E-08	0.003326
1976	494811.06	3859401.99	0.06639	0.07275	0.06178	0.06441	1.25E-04	6.4E-06	0.00134	7.2E-08	0.00147	1.53E-04	7.82079E-06	0.001652	4.03E-08	1.81E-03	0.000135	6.02E-06	0.003146	4.16E-08	0.003287
1977	494861.06	3859401.99	0.06525	0.07159	0.06093	0.06275	1.23E-04	6.3E-06	0.00132	7E-08	0.00145	1.50E-04	7.69609E-06	0.00163	3.92E-08	1.79E-03	0.000132	5.92E-06	0.003103	4.05E-08	0.003242
1978	494911.06	3859401.99	0.06453	0.07092	0.06041	0.06172	1.21E-04	6.2E-06	0.00131	6.9E-08	0.00144	1.49E-04	7.62406E-06	0.001616	3.86E-08	1.77E-03	0.000131	5.86E-06	0.003077	3.99E-08	0.003214
1979	494961.06	3859401.99	0.06409	0.07047	0.06003	0.06137	1.20E-04	6.2E-06	0.0013	6.9E-08	0.00143	1.48E-04	7.57568E-06	0.001606	3.84E-08	1.76E-03	0.00013	5.83E-06	0.003057	3.96E-08	0.003193
1980	495011.06	3859401.99	0.06378	0.07021	0.05978	0.06112	1.20E-04	6.2E-06	0.0013	6.8E-08	0.00142	1.47E-04	7.54773E-06	0.001599	3.82E-08	1.75E-03	0.000129	5.81E-06	0.003045	3.95E-08	0.00318
1981	495061.06	3859401.99	0.0636	0.07014	0.05969	0.06099	1.20E-04	6.2E-06	0.0013	6.8E-08	0.00142	1.46E-04	7.54021E-06	0.001596	3.81E-08	1.75E-03	0.000129	5.8E-06	0.00304	3.94E-08	0.003175
1982	495111.06	3859401.99	0.06298	0.06953	0.05918	0.06021	1.18E-04	6.1E-06	0.00129	6.7E-08	0.00141	1.45E-04	7.47463E-06	0.001583	3.77E-08	1.74E-03	0.000128	5.75E-06	0.003014	3.89E-08	0.003148
1983	495161.06	3859401.99	0.06274	0.0693	0.05895	0.06016	1.18E-04	6.1E-06	0.00128	6.7E-08	0.0014	1.44E-04	7.44991E-06	0.001577	3.76E-08	1.73E-03	0.000127	5.73E-06	0.003002	3.89E-08	0.003136
1984	495211.06	3859401.99	0.06262	0.06925	0.05885	0.06021	1.18E-04	6.1E-06	0.00128	6.7E-08	0.0014	1.44E-04	7.44453E-06	0.001574	3.77E-08	1.73E-03	0.000127	5.73E-06	0.002997	3.89E-08	0.00313
1985	495261.06	3859401.99	0.0623	0.06897	0.05859	0.05993	1.17E-04	6.1E-06	0.00127	6.7E-08	0.0014	1.43E-04	7.41443E-06	0.001567	3.75E-08	1.72E-03	0.000126	5.7E-06	0.002984	3.87E-08	0.003116
1986	495311.06	3859401.99	0.06193	0.06864	0.0583	0.05957	1.16E-04	6E-06	0.00127	6.7E-08	0.00139	1.43E-04	7.37895E-06	0.001559	3.73E-08	1.71E-03	0.000126	5.68E-06	0.002969	3.85E-08	0.003101
1987	495361.06	3859401.99	0.06187	0.06864	0.05825	0.0597	1.16E-04	6E-06	0.00126	6.7E-08	0.00139	1.42E-04	7.37895E-06	0.001558	3.73E-08	1.71E-03	0.000126	5.68E-06	0.002967	3.86E-08	0.003098
1988	495411.06	3859401.99	0.06162	0.06844	0.05806	0.05954	1.16E-04	6E-06	0.00126	6.7E-08	0.00138	1.42E-04	7.35745E-06	0.001553	3.72E-08	1.70E-03	0.000125	5.66E-06	0.002957	3.85E-08	0.003088
1989	495461.06	3859401.99	0.06117	0.06802	0.05771	0.05906	1.15E-04	6E-06	0.00125	6.6E-08	0.00137	1.41E-04	7.3123E-06	0.001543	3.69E-08	1.69E-03	0.000124	5.63E-06	0.002939	3.82E-08	0.003069
1990	495511.06	3859401.99	0.06053	0.06738	0.05721	0.05828	1.14E-04	5.9E-06	0.00124	6.5E-08	0.00136	1.39E-04	7.2435E-06	0.00153	3.65E-08	1.68E-03	0.000123	5.57E-06	0.002914	3.76E-08	0.003042
1991	495561.06	3859401.99	0.05978	0.0666	0.05662	0.05734	1.12E-04	5.8E-06	0.00123	6.4E-08	0.00135	1.38E-04	7.15965E-06	0.001514	3.59E-08	1.66E-03	0.000121	5.51E-06	0.002884	3.7E-08	0.003011
1992	495611.06	3859401.99	0.05935	0.06618	0.05628	0.0569	1.12E-04	5.8E-06	0.00122	6.4E-08	0.00134	1.37E-04	7.1145E-06	0.001505	3.56E-08	1.65E-03	0.000121	5.47E-06	0.002866	3.68E-08	0.002992
1993	495661.06	3859401.99	0.05899	0.06584	0.05601	0.05656	1.11E-04	5.8E-06	0.00122	6.3E-08	0.00133	1.36E-04	7.07795E-06	0.001498	3.54E-08	1.64E-03	0.00012	5.44E-06	0.002853	3.65E-08	0.002978
1994	494311.06	3859451.99	0.07282	0.0788	0.06569	0.07468	1.37E-04	6.9E-06	0.00143	8.3E-08	0.00157	1.68E-04	8.47118E-06	0.001757	4.67E-08	1.93E-03	0.000148	6.52E-06	0.003346	4.82E-08	0.0035
1995	494361.06	3859451.99	0.07212	0.07809	0.06529	0.07353	1.36E-04	6.9E-06	0.00142	8.2E-08	0.00156	1.66E-04	8.39485E-06	0.001746	4.6E-08	1.92E-03	0.000146	6.46E-06	0.003325	4.75E-08	0.003478
1996	494411.06	3859451.99	0.07115	0.07712	0.06474	0.07175	1.34E-04	6.8E-06	0.00141	8E-08	0.00155	1.64E-04	8.29057E-06	0.001732	4.49E-08	1.90E-03	0.000144	6.38E-06	0.003297	4.63E-08	0.003448
1997	494461.06	3859451.99	0.07074	0.0767	0.06446	0.07135	1.33E-04	6.7E-06	0.0014	8E-08	0.00154	1.63E-04	8.24542E-06	0.001724	4.46E-08	1.90E-03	0.000144	6.34E-06	0.003283	4.61E-08	0.003433
1998	494511.06	3859451.99	0.07011	0.07607	0.06406	0.07042	1.32E-04	6.7E-06	0.00139	7.9E-08	0.00153	1.61E-04	8.1777E-06	0.001713	4.4E-08	1.88E-03	0.000142	6.29E-06	0.003263	4.55E-08	0.003411
1999	494561.06	3859451.99	0.06958	0.07554	0.0637	0.06972	1.31E-04	6.6E-06	0.00138	7.8E-08	0.00152	1.60E-04	8.12072E-06	0.001704	4.36E-08	1.87E-03	0.000141	6.25E-06	0.003244	4.5E-08	0.003392
2000	494611.06	3859451.99	0.06923	0.07519	0.06344	0.06941	1.30E-04	6.6E-06	0.00138	7.8E-08	0.00151	1.59E-04	8.08309E-06	0.001697	4.34E-08	1.86E-03	0.000141	6.22E-06	0.003231	4.48E-08	0.003378
2001	494661.06	3859451.99	0.06854	0.07451	0.06299	0.06837	1.29E-04	6.5E-06	0.00137	7.6E-08	0.0015	1.58E-04	8.00999E-06	0.001685	4.28E-08	1.85E-03	0.000139	6.16E-06	0.003208	4.42E-08	0.003353
2002	494711.06	3859451.99	0.06784	0.07382	0.06253	0.06732	1.27E-04	6.5E-06	0.00136	7.5E-08	0.00149	1.56E-04	7.93582E-06	0.001672	4.21E-08	1.84E-03	0.000138	6.1E-06	0.003185	4.35E-08	0.003329
2003	494761.06	3859451.99	0.06724	0.07324	0.06211	0.0665	1.26E-04	6.4E-06	0.00135	7.4E-08	0.00148	1.55E-04	7.87346E-06	0.001661	4.16E-08	1.82E-03	0.000137	6.06E-06	0.003163	4.3E-08	0.003306
2004	494811.06	3859451.99	0.06634	0.07234	0.06149	0.06509	1.25E-04	6.3E-06	0.00134	7.3E-08	0.00147	1.53E-04	7.77671E-06	0.001645	4.07E-08	1.81E-03	0.000135	5.98E-06	0.003132	4.2E-08	0.003272
2005	494861.06	3859451.99	0.06557	0.07157	0.06094	0.06397	1.23E-04	6.3E-06	0.00132	7.1E-08	0.00145	1.51E-04	7.69394E-06	0.00163	4E-08	1.79E-03	0.000133	5.92E-06	0.003104	4.13E-08	0.003243
2006	494911.06	3859451.99	0.06497	0.07099	0.06049	0.06319	1.22E-04	6.2E-06	0.00131	7.1E-08	0.00144	1.50E-04	7.63158E-06	0.001618	3.95E-08	1.78E-03	0.000132	5.87E-06	0.003081	4.08E-08	0.003219
2007	494961.06	3859451.99	0.0646	0.07065	0.0602	0.06282	1.21E-04	6.2E-06	0.00131	7E-08	0.00143	1.49E-04	7.59503E-06	0.00161	3.93E-08	1.77E-03	0.000131	5.84E-06	0.003066	4.06E-08	0.003203
2008	495011.06	3859451.99	0.06414	0.07021	0.05985	0.06228	1.21E-04	6.2E-06	0.0013	7E-08	0.00143	1.48E-04	7.54773E-06	0.001601	3.9E-08	1.76E-03	0.00013	5.81E-06	0.003048	4.02E-08	0.003184
2009	495061.06	3859451.99	0.06368	0.06978	0.05949	0.06176	1.20E-04	6.1E-06	0.00129	6.9E-08	0.00142	1.47E-04	7.50151E-06	0.001591	3.86E-08	1.75E-03	0.000129	5.77E-06	0.00303	3.99E-08	0.003165

2010	495111.06	3859451.99	0.06321	0.06934	0.05912	0.06121	1.19E-04	6.1E-06	0.00128	6.8E-08	0.00141	1.46E-04	7.45421E-06	0.001581	3.83E-08	1.73E-03	0.000128	5.73E-06	0.003011	3.95E-08	0.003145
2011	495161.06	3859451.99	0.06297	0.06915	0.05893	0.06106	1.18E-04	6.1E-06	0.00128	6.8E-08	0.0014	1.45E-04	7.43378E-06	0.001576	3.82E-08	1.73E-03	0.000128	5.72E-06	0.003001	3.94E-08	0.003135
2012	495211.06	3859451.99	0.0628	0.06904	0.05879	0.06104	1.18E-04	6.1E-06	0.00128	6.8E-08	0.0014	1.45E-04	7.42195E-06	0.001572	3.82E-08	1.72E-03	0.000128	5.71E-06	0.002994	3.94E-08	0.003127
2013	495261.06	3859451.99	0.06261	0.0689	0.05862	0.06096	1.18E-04	6E-06	0.00127	6.8E-08	0.0014	1.44E-04	7.4069E-06	0.001568	3.81E-08	1.72E-03	0.000127	5.7E-06	0.002986	3.94E-08	0.003118
2014	495311.06	3859451.99	0.06223	0.06856	0.05833	0.06058	1.17E-04	6E-06	0.00127	6.8E-08	0.00139	1.43E-04	7.37035E-06	0.00156	3.79E-08	1.71E-03	0.000126	5.67E-06	0.002971	3.91E-08	0.003103
2015	495361.06	3859451.99	0.06193	0.06831	0.05809	0.06032	1.16E-04	6E-06	0.00126	6.7E-08	0.00138	1.43E-04	7.34348E-06	0.001554	3.77E-08	1.70E-03	0.000126	5.65E-06	0.002959	3.9E-08	0.00309
2016	495411.06	3859451.99	0.06154	0.06795	0.05778	0.0599	1.16E-04	6E-06	0.00125	6.7E-08	0.00138	1.42E-04	7.30478E-06	0.001545	3.75E-08	1.69E-03	0.000125	5.62E-06	0.002943	3.87E-08	0.003073
2017	495461.06	3859451.99	0.06123	0.06768	0.05754	0.05961	1.15E-04	5.9E-06	0.00125	6.7E-08	0.00137	1.41E-04	7.27575E-06	0.001539	3.73E-08	1.69E-03	0.000124	5.6E-06	0.002931	3.85E-08	0.003061
2018	495511.06	3859451.99	0.06052	0.06698	0.057	0.05867	1.14E-04	5.9E-06	0.00124	6.6E-08	0.00136	1.39E-04	7.2005E-06	0.001525	3.67E-08	1.67E-03	0.000123	5.54E-06	0.002903	3.79E-08	0.003031
2019	495561.06	3859451.99	0.06006	0.06654	0.05664	0.05816	1.13E-04	5.8E-06	0.00123	6.5E-08	0.00135	1.38E-04	7.1532E-06	0.001515	3.64E-08	1.66E-03	0.000122	5.5E-06	0.002885	3.76E-08	0.003012
2020	495611.06	3859451.99	0.05962	0.06612	0.05629	0.05766	1.12E-04	5.8E-06	0.00122	6.4E-08	0.00134	1.37E-04	7.10805E-06	0.001506	3.61E-08	1.65E-03	0.000121	5.47E-06	0.002867	3.72E-08	0.002993
2021	495661.06	3859451.99	0.05921	0.06573	0.05597	0.05722	1.11E-04	5.8E-06	0.00122	6.4E-08	0.00133	1.36E-04	7.06612E-06	0.001497	3.58E-08	1.64E-03	0.00012	5.44E-06	0.002851	3.7E-08	0.002976
2022	494311.06	3859501.99	0.07205	0.07781	0.06475	0.07444	1.35E-04	6.8E-06	0.00141	8.3E-08	0.00155	1.66E-04	8.36475E-06	0.001732	4.66E-08	1.91E-03	0.000146	6.43E-06	0.003298	4.81E-08	0.003451
2023	494361.06	3859501.99	0.07139	0.07715	0.06439	0.07332	1.34E-04	6.8E-06	0.0014	8.2E-08	0.00154	1.64E-04	8.2938E-06	0.001722	4.59E-08	1.89E-03	0.000145	6.38E-06	0.003279	4.74E-08	0.003431
2024	494411.06	3859501.99	0.07029	0.07606	0.06383	0.07114	1.32E-04	6.7E-06	0.00139	7.9E-08	0.00152	1.62E-04	8.17662E-06	0.001707	4.45E-08	1.88E-03	0.000143	6.29E-06	0.003251	4.6E-08	0.0034
2025	494461.06	3859501.99	0.07016	0.07589	0.06367	0.07139	1.32E-04	6.7E-06	0.00138	8E-08	0.00152	1.62E-04	8.15835E-06	0.001703	4.47E-08	1.87E-03	0.000142	6.28E-06	0.003243	4.61E-08	0.003392
2026	494511.06	3859501.99	0.0695	0.07522	0.06328	0.07034	1.31E-04	6.6E-06	0.00137	7.9E-08	0.00151	1.60E-04	8.08632E-06	0.001692	4.4E-08	1.86E-03	0.000141	6.22E-06	0.003223	4.54E-08	0.00337
2027	494561.06	3859501.99	0.06892	0.07463	0.06292	0.06949	1.30E-04	6.5E-06	0.00137	7.8E-08	0.0015	1.59E-04	8.02289E-06	0.001683	4.35E-08	1.85E-03	0.00014	6.17E-06	0.003205	4.49E-08	0.003351
2028	494611.06	3859501.99	0.06883	0.07452	0.06279	0.06981	1.29E-04	6.5E-06	0.00136	7.8E-08	0.0015	1.59E-04	8.01107E-06	0.001679	4.37E-08	1.85E-03	0.00014	6.16E-06	0.003198	4.51E-08	0.003344
2029	494661.06	3859501.99	0.0681	0.07379	0.06235	0.0686	1.28E-04	6.5E-06	0.00135	7.7E-08	0.00149	1.57E-04	7.93259E-06	0.001668	4.29E-08	1.83E-03	0.000138	6.1E-06	0.003176	4.43E-08	0.00332
2030	494711.06	3859501.99	0.06723	0.07292	0.06181	0.0671	1.26E-04	6.4E-06	0.00134	7.5E-08	0.00148	1.55E-04	7.83906E-06	0.001653	4.2E-08	1.82E-03	0.000137	6.03E-06	0.003148	4.33E-08	0.003291
2031	494761.06	3859501.99	0.06699	0.07269	0.06161	0.06702	1.26E-04	6.4E-06	0.00134	7.5E-08	0.00147	1.54E-04	7.81434E-06	0.001648	4.19E-08	1.81E-03	0.000136	6.01E-06	0.003138	4.33E-08	0.00328
2032	494811.06	3859501.99	0.06587	0.07155	0.06089	0.06505	1.24E-04	6.3E-06	0.00132	7.3E-08	0.00145	1.52E-04	7.69179E-06	0.001629	4.07E-08	1.79E-03	0.000134	5.92E-06	0.003101	4.2E-08	0.003241
2033	494861.06	3859501.99	0.06536	0.07106	0.06053	0.06441	1.23E-04	6.2E-06	0.00131	7.2E-08	0.00144	1.51E-04	7.63911E-06	0.001619	4.03E-08	1.78E-03	0.000133	5.88E-06	0.003083	4.16E-08	0.003221
2034	494911.06	3859501.99	0.06503	0.07074	0.06027	0.0641	1.22E-04	6.2E-06	0.00131	7.2E-08	0.00144	1.50E-04	7.60471E-06	0.001612	4.01E-08	1.77E-03	0.000132	5.85E-06	0.00307	4.14E-08	0.003208
2035	494961.06	3859501.99	0.0644	0.07012	0.05983	0.06322	1.21E-04	6.2E-06	0.0013	7.1E-08	0.00143	1.48E-04	7.53806E-06	0.0016	3.95E-08	1.76E-03	0.000131	5.8E-06	0.003047	4.08E-08	0.003184
2036	495011.06	3859501.99	0.06409	0.06983	0.05958	0.06294	1.20E-04	6.1E-06	0.00129	7E-08	0.00142	1.48E-04	7.50688E-06	0.001594	3.94E-08	1.75E-03	0.00013	5.77E-06	0.003034	4.07E-08	0.00317
2037	495061.06	3859501.99	0.06379	0.06955	0.05934	0.06268	1.20E-04	6.1E-06	0.00129	7E-08	0.00141	1.47E-04	7.47678E-06	0.001587	3.92E-08	1.74E-03	0.00013	5.75E-06	0.003022	4.05E-08	0.003158
2038	495111.06	3859501.99	0.06319	0.06897	0.05889	0.06185	1.19E-04	6.1E-06	0.00128	6.9E-08	0.0014	1.46E-04	7.41443E-06	0.001575	3.87E-08	1.73E-03	0.000128	5.7E-06	0.002999	4E-08	0.003133
2039	495161.06	3859501.99	0.06291	0.06872	0.05867	0.06163	1.18E-04	6E-06	0.00127	6.9E-08	0.0014	1.45E-04	7.38755E-06	0.001569	3.85E-08	1.72E-03	0.000128	5.68E-06	0.002988	3.98E-08	0.003122
2040	495211.06	3859501.99	0.06276	0.06862	0.05853	0.06165	1.18E-04	6E-06	0.00127	6.9E-08	0.0014	1.45E-04	7.3768E-06	0.001565	3.86E-08	1.72E-03	0.000127	5.67E-06	0.002981	3.98E-08	0.003114
2041	495261.06	3859501.99	0.06248	0.06837	0.0583	0.06141	1.17E-04	6E-06	0.00127	6.9E-08	0.00139	1.44E-04	7.34993E-06	0.001559	3.84E-08	1.71E-03	0.000127	5.65E-06	0.002969	3.97E-08	0.003102
2042	495311.06	3859501.99	0.06225	0.06819	0.05811	0.06128	1.17E-04	6E-06	0.00126	6.8E-08	0.00138	1.43E-04	7.33058E-06	0.001554	3.83E-08	1.70E-03	0.000126	5.64E-06	0.00296	3.96E-08	0.003092
2043	495361.06	3859501.99	0.06192	0.06789	0.05785	0.06094	1.16E-04	6E-06	0.00126	6.8E-08	0.00138	1.43E-04	7.29833E-06	0.001547	3.81E-08	1.70E-03	0.000126	5.61E-06	0.002946	3.94E-08	0.003078
2044	495411.06	3859501.99	0.0616	0.06762	0.0576	0.06064	1.16E-04	5.9E-06	0.00125	6.8E-08	0.00137	1.42E-04	7.2693E-06	0.001541	3.79E-08	1.69E-03	0.000125	5.59E-06	0.002934	3.92E-08	0.003064
2045	495461.06	3859501.99	0.06122	0.06727	0.0573	0.06021	1.15E-04	5.9E-06	0.00124	6.7E-08	0.00137	1.41E-04	7.23168E-06	0.001533	3.77E-08	1.68E-03	0.000124	5.56E-06	0.002918	3.89E-08	0.003048
2046	495511.06	3859501.99	0.06043	0.06653	0.05676	0.05899	1.14E-04	5.8E-06	0.00123	6.6E-08	0.00135	1.39E-04	7.15212E-06	0.001518	3.69E-08	1.66E-03	0.000123	5.5E-06	0.002891	3.81E-08	0.003019
2047	495561.06	3859501.99	0.06021	0.06632	0.05654	0.05892	1.13E-04	5.8E-06	0.00123	6.6E-08	0.00135	1.39E-04	7.12955E-06	0.001512	3.69E-08	1.66E-03	0.000122	5.48E-06	0.00288	3.81E-08	0.003007
2048	495611.06	3859501.99	0.05975	0.06588	0.05618	0.05836	1.12E-04	5.8E-06	0.00122	6.5E-08	0.00134	1.38E-04	7.08225E-06	0.001503	3.65E-08	1.65E-03	0.000121	5.45E-06	0.002861	3.77E-08	0.002988
2049	495661.06	3859501.99	0.05924	0.06539	0.05579	0.05772	1.11E-04	5.7E-06	0.00121	6.4E-08	0.00133	1.36E-04	7.02957E-06	0.001492	3.61E-08	1.64E-03	0.00012	5.41E-06	0.002841	3.73E-08	0.002967
2050	494311.06	3859551.99	0.0712	0.07678	0.06376	0.07403	1.34E-04	6.7E-06	0.00138	8.3E-08	0.00153	1.64E-04	8.25402E-06	0.001705	4.63E-08	1.88E-03	0.000145	6.35E-06	0.003247	4.78E-08	0.003398
2051	494361.06	3859551.99	0.07048	0.07612	0.06343	0.07272	1.32E-04	6.7E-06	0.00138	8.1E-08	0.00152	1.62E-04	8.18307E-06	0.001696	4.55E-08	1.87E-03	0.000143	6.3E-06	0.003231	4.7E-08	0.00338
2052	494411.06	3859551.99	0.06945	0.07509	0.06292	0.07051	1.31E-04	6.6E-06	0.00137	7.9E-08	0.0015	1.60E-04	8.07234E-06	0.001683	4.41E-08	1.85E-03	0.000141	6.21E-06	0.003205	4.55E-08	0.003352
2053	494461.06	3859551.99	0.06943	0.07498	0.0628	0.07112	1.30E-04	6.6E-06	0.00136	7.9E-08	0.0015	1.60E-04	8.06052E-06	0.00168	4.45E-08	1.85E-03	0.000141	6.2E-06	0.003198	4.59E-08	0.003346
2054	494511.06	3859551.99	0.06882	0.07436	0.06245	0.07015	1.29E-04	6.5E-06	0.00136	7.8E-08	0.00149	1.58E-04	7.99387E-06	0.00167	4.39E-08	1.84E-03	0.00014	6.15E-06	0.003181	4.53E-08	0.003327
2055	494561.06	3859551.99	0.06833	0.07385	0.06215	0.06948	1.28E-04	6.5E-06	0.00135	7.8E-08	0.00148	1.57E-04	7.93904E-06	0.001662	4.35E-08	1.83E-03	0.000139	6.11E-06	0.003165	4.49E-08	0.00331
2056	494611.06	3859551.99	0.06801	0.0735	0.06191	0.06924	1.28E-04	6.4E-06	0.00134	7.7E-08	0.00148	1.57E-04	7.90141E-06	0.001656	4.33E-08	1.82E-03	0.000138	6.08E-06	0.003153	4.47E-08	0.003297
2057	494661.06	3859551.99	0.06758	0.07305	0.06163	0.06871	1.27E-04	6.4E-06	0.00134	7.7E-08	0.00147	1.56E-04	7.85304E-06	0.001648	4.3E-08	1.81E-03	0.000137	6.04E-06	0.003139	4.44E-08	0.003282
2058	494711.06	3859551.99	0.0664	0.07187	0.06096	0.06641	1.25E-04	6.3E-06	0.00132	7.4E-08	0.00145	1.53E-04	7.72619E-06	0.00163	4.15E-08	1.79E-03	0.000135	5.94E-06	0.003105	4.29E-08	0.003246
2059	494761.06	3859551.99	0.06651	0.07196	0.06095	0.06712	1.25E-04	6.3E-06	0.00132	7.5E-08	0.00145	1.53E-04	7.73586E-06	0.00163	4.2E-08	1.79E-03	0.000135	5.95E-06	0.003104	4.34E-08	0.003245
2060	494811.06	3859551.99	0.06561	0.07106	0.0604	0.06554	1.23E-04	6.2E-06	0.00131	7.3E-08	0.00144	1.51E-04	7.63911E-06	0.001615	4.1E-08	1.77E-03	0.000133	5.88E-06	0.003076	4.23E-08	0.003215
2061	494861.06	3859551.99	0.06516	0.0706	0.06009	0.06497	1.22E-04	6.2E-06	0.0013	7.3E-08	0.00143	1.50E-04	7.58966E-06	0.001607	4.06E-08	1.76E-03	0.000132	5.84E-06	0.00306	4.2E-08	0.003199
2062	494911.06	3859551.99	0.06462	0.07006	0.05971	0.06421	1.21E-04	6.1E-06	0.0013	7.2E-08	0.00142	1.49E-04	7.53161E-06	0.001597	4.02E-08	1.75E-03	0.000131	5.79E-06	0.003041	4.15E-08	0.003178
2063	494961.06	3859551.99	0.06431	0.06976	0.05948	0.06395	1.21E-04	6.1E-06	0.00129	7.1E-08	0.00142	1.48E-04	7.49936E-06	0.001591	4E-08	1.75E-03	0.000131	5.77E-06	0.003029	4.13E-08	0.003166
2064	495011.06	3859551.99	0.06407	0.06952	0.05928	0.06381	1.20E-04	6.1E-06	0.00129	7.1E-08	0.00141	1.48E-04	7.47356E-06	0.001585	3.99E-08	1.74E-03	0.00013	5.75E-06	0.003019	4.12E-08	0.003155
2065	495061.06	3859551.99	0.06366	0.06912	0.05897	0.0633	1.20E-04	6.1E-06	0.00128	7.1E-08	0.00141	1.47E-04	7.43055E-06	0.001577	3.96E-08	1.73E-03	0.000129	5.72E-06	0.003003	4.09E-08	0.003138
2066	495111.06	3859551.99	0.06313	0.06861	0.0586	0.06258	1.19E-04	6E-06	0.00127	7E-08	0.0014	1.45E-04	7.37573E-06	0.001567	3.91E-08	1.72E-03	0.000128	5.67E-06	0.002985	4.04E-08	0.003118
2067	495161.06	3859551.99	0.06291	0.0684	0.05841	0.06245	1.18E-04	6E-06	0.00127	7E-08	0.00139	1.45E-04	7.35315E-06	0.001562	3.91E-08	1.71E-03	0.000128	5.66E-06	0.002975	4.03E-08	0.003108
2068	495211.06	3859551.99	0.06275	0.06827	0.05826	0.06248	1.18E-04	6E-06	0.00127	7E-08	0.00139	1.45E-04	7.33918E-06	0.001558	3.91E-08	1.71E-03	0.000127	5.65E-06	0.002967	4.04E-08	0.0031
2069	495261.06	3859551.99	0.06233	0.06787	0.05795	0.06194	1.17E-04	6E-06	0.00126	6.9E-08	0.00138	1.44E-04	7.29618E-06	0.00155	3.87E-08	1.70E-03	0.000127	5.61E-06	0.002951	4E-08	0.003084
2070	495311.06	3859551.99	0.06199	0.06756	0.05768	0.06157	1.16E-04	5.9E-06	0.00125	6.9E-08	0.00138	1.43E-04	7.26285E-06	0.001543	3.85E-08	1.69E-03	0.000126	5.59E-06	0.002938	3.98E-08	0.003069

2071	495361.06	3859551.99	0.06171	0.06731	0.05746	0.06132	1.16E-04	5.9E-06	0.00125	6.9E-08	0.00137	1.42E-04	7.23598E-06	0.001537	3.84E-08	1.69E-03	0.000125	5.57E-06	0.002926	3.96E-08	0.003057
2072	495411.06	3859551.99	0.06149	0.06712	0.05727	0.0612	1.16E-04	5.9E-06	0.00124	6.8E-08	0.00137	1.42E-04	7.21555E-06	0.001532	3.83E-08	1.68E-03	0.000125	5.55E-06	0.002917	3.95E-08	0.003047
2073	495461.06	3859551.99	0.06095	0.06661	0.05688	0.06043	1.15E-04	5.8E-06	0.00124	6.8E-08	0.00136	1.40E-04	7.16072E-06	0.001521	3.78E-08	1.67E-03	0.000124	5.51E-06	0.002897	3.9E-08	0.003026
2074	495511.06	3859551.99	0.06038	0.06607	0.05646	0.05962	1.13E-04	5.8E-06	0.00123	6.7E-08	0.00135	1.39E-04	7.10267E-06	0.00151	3.73E-08	1.66E-03	0.000123	5.46E-06	0.002876	3.85E-08	0.003004
2075	495561.06	3859551.99	0.06003	0.06574	0.05618	0.05922	1.13E-04	5.8E-06	0.00122	6.6E-08	0.00134	1.38E-04	7.0672E-06	0.001503	3.7E-08	1.65E-03	0.000122	5.44E-06	0.002861	3.83E-08	0.002989
2076	495611.06	3859551.99	0.05966	0.0654	0.0559	0.0588	1.12E-04	5.7E-06	0.00121	6.6E-08	0.00133	1.37E-04	7.03065E-06	0.001495	3.68E-08	1.64E-03	0.000121	5.41E-06	0.002847	3.8E-08	0.002974
2077	495661.06	3859551.99	0.0592	0.06497	0.05554	0.05821	1.11E-04	5.7E-06	0.00121	6.5E-08	0.00132	1.36E-04	6.98442E-06	0.001485	3.64E-08	1.63E-03	0.00012	5.37E-06	0.002829	3.76E-08	0.002954
2078	494311.06	3859601.99	0.07038	0.07578	0.06275	0.07383	1.32E-04	6.6E-06	0.00136	8.2E-08	0.0015	1.62E-04	8.14652E-06	0.001678	4.62E-08	1.85E-03	0.000143	6.27E-06	0.003196	4.77E-08	0.003345
2079	494361.06	3859601.99	0.06942	0.07489	0.06238	0.07158	1.30E-04	6.6E-06	0.00135	8E-08	0.00149	1.60E-04	8.05084E-06	0.001668	4.48E-08	1.84E-03	0.000141	6.19E-06	0.003177	4.62E-08	0.003324
2080	494411.06	3859601.99	0.06876	0.07422	0.06204	0.07042	1.29E-04	6.5E-06	0.00135	7.9E-08	0.00148	1.58E-04	7.97882E-06	0.001659	4.4E-08	1.83E-03	0.00014	6.14E-06	0.00316	4.55E-08	0.003306
2081	494461.06	3859601.99	0.06868	0.07408	0.0619	0.07087	1.29E-04	6.5E-06	0.00134	7.9E-08	0.00148	1.58E-04	7.96377E-06	0.001656	4.43E-08	1.82E-03	0.000139	6.13E-06	0.003153	4.58E-08	0.003298
2082	494511.06	3859601.99	0.06795	0.07334	0.06152	0.06947	1.28E-04	6.4E-06	0.00134	7.8E-08	0.00147	1.56E-04	7.88421E-06	0.001645	4.34E-08	1.81E-03	0.000138	6.07E-06	0.003133	4.49E-08	0.003277
2083	494561.06	3859601.99	0.06779	0.07313	0.06136	0.06966	1.27E-04	6.4E-06	0.00133	7.8E-08	0.00147	1.56E-04	7.86164E-06	0.001641	4.36E-08	1.81E-03	0.000138	6.05E-06	0.003125	4.5E-08	0.003269
2084	494611.06	3859601.99	0.0675	0.07281	0.06114	0.0695	1.27E-04	6.4E-06	0.00133	7.8E-08	0.00146	1.55E-04	7.82724E-06	0.001635	4.35E-08	1.80E-03	0.000137	6.02E-06	0.003114	4.49E-08	0.003257
2085	494661.06	3859601.99	0.06669	0.07204	0.06073	0.06789	1.25E-04	6.3E-06	0.00132	7.6E-08	0.00145	1.54E-04	7.74446E-06	0.001624	4.25E-08	1.79E-03	0.000135	5.96E-06	0.003093	4.39E-08	0.003234
2086	494711.06	3859601.99	0.06591	0.07121	0.06028	0.0665	1.24E-04	6.2E-06	0.00131	7.4E-08	0.00144	1.52E-04	7.65523E-06	0.001612	4.16E-08	1.77E-03	0.000134	5.89E-06	0.00307	4.3E-08	0.00321
2087	494761.06	3859601.99	0.06615	0.0714	0.0603	0.06763	1.24E-04	6.3E-06	0.00131	7.6E-08	0.00144	1.52E-04	7.67566E-06	0.001613	4.23E-08	1.77E-03	0.000134	5.9E-06	0.003071	4.37E-08	0.003211
2088	494811.06	3859601.99	0.06531	0.07056	0.05983	0.06604	1.23E-04	6.2E-06	0.0013	7.4E-08	0.00143	1.50E-04	7.58536E-06	0.0016	4.13E-08	1.76E-03	0.000133	5.84E-06	0.003047	4.27E-08	0.003186
2089	494861.06	3859601.99	0.06492	0.07016	0.05957	0.0656	1.22E-04	6.2E-06	0.00129	7.3E-08	0.00142	1.49E-04	7.54236E-06	0.001593	4.1E-08	1.75E-03	0.000132	5.8E-06	0.003034	4.24E-08	0.003172
2090	494911.06	3859601.99	0.06425	0.06948	0.05915	0.06448	1.21E-04	6.1E-06	0.00128	7.2E-08	0.00141	1.48E-04	7.46926E-06	0.001582	4.03E-08	1.74E-03	0.00013	5.75E-06	0.003013	4.17E-08	0.003149
2091	494961.06	3859601.99	0.06425	0.06947	0.05908	0.06492	1.21E-04	6.1E-06	0.00128	7.3E-08	0.00141	1.48E-04	7.46818E-06	0.00158	4.06E-08	1.74E-03	0.00013	5.75E-06	0.003009	4.19E-08	0.003145
2092	495011.06	3859601.99	0.06355	0.06876	0.05864	0.06372	1.19E-04	6E-06	0.00127	7.1E-08	0.0014	1.46E-04	7.39185E-06	0.001568	3.99E-08	1.72E-03	0.000129	5.69E-06	0.002987	4.12E-08	0.003121
2093	495061.06	3859601.99	0.06341	0.06861	0.0585	0.06381	1.19E-04	6E-06	0.00127	7.1E-08	0.0014	1.46E-04	7.37573E-06	0.001565	3.99E-08	1.72E-03	0.000129	5.67E-06	0.002979	4.12E-08	0.003114
2094	495111.06	3859601.99	0.06288	0.06809	0.05814	0.06303	1.18E-04	6E-06	0.00126	7E-08	0.00139	1.45E-04	7.31983E-06	0.001555	3.94E-08	1.71E-03	0.000128	5.63E-06	0.002961	4.07E-08	0.003094
2095	495161.06	3859601.99	0.06268	0.06789	0.05796	0.06296	1.18E-04	6E-06	0.00126	7E-08	0.00138	1.44E-04	7.29833E-06	0.00155	3.94E-08	1.70E-03	0.000127	5.61E-06	0.002952	4.07E-08	0.003085
2096	495211.06	3859601.99	0.06236	0.06758	0.05772	0.06263	1.17E-04	5.9E-06	0.00125	7E-08	0.00138	1.44E-04	7.265E-06	0.001544	3.92E-08	1.69E-03	0.000127	5.59E-06	0.00294	4.05E-08	0.003072
2097	495261.06	3859601.99	0.0621	0.06734	0.05751	0.06244	1.17E-04	5.9E-06	0.00125	7E-08	0.00137	1.43E-04	7.2392E-06	0.001538	3.91E-08	1.69E-03	0.000126	5.57E-06	0.002929	4.03E-08	0.003061
2098	495311.06	3859601.99	0.06187	0.06713	0.05732	0.0623	1.16E-04	5.9E-06	0.00124	7E-08	0.00137	1.42E-04	7.21663E-06	0.001533	3.9E-08	1.68E-03	0.000126	5.55E-06	0.002919	4.02E-08	0.003051
2099	495361.06	3859601.99	0.06152	0.0668	0.05706	0.06189	1.16E-04	5.9E-06	0.00124	6.9E-08	0.00136	1.42E-04	7.18115E-06	0.001526	3.87E-08	1.67E-03	0.000125	5.52E-06	0.002906	4E-08	0.003037
2100	495411.06	3859601.99	0.06128	0.06658	0.05685	0.06171	1.15E-04	5.8E-06	0.00123	6.9E-08	0.00136	1.41E-04	7.1575E-06	0.00152	3.86E-08	1.67E-03	0.000124	5.51E-06	0.002895	3.99E-08	0.003025
2101	495461.06	3859601.99	0.06067	0.06599	0.05643	0.06072	1.14E-04	5.8E-06	0.00123	6.8E-08	0.00135	1.40E-04	7.09407E-06	0.001509	3.8E-08	1.66E-03	0.000123	5.46E-06	0.002874	3.92E-08	0.003003
2102	495511.06	3859601.99	0.06011	0.06545	0.05603	0.05987	1.13E-04	5.7E-06	0.00122	6.7E-08	0.00134	1.38E-04	7.03602E-06	0.001499	3.74E-08	1.64E-03	0.000122	5.41E-06	0.002854	3.87E-08	0.002981
2103	495561.06	3859601.99	0.05996	0.06533	0.05589	0.05988	1.13E-04	5.7E-06	0.00121	6.7E-08	0.00133	1.38E-04	7.02312E-06	0.001495	3.75E-08	1.64E-03	0.000122	5.4E-06	0.002847	3.87E-08	0.002974
2104	495611.06	3859601.99	0.05931	0.0647	0.05543	0.05886	1.11E-04	5.7E-06	0.0012	6.6E-08	0.00132	1.37E-04	6.95539E-06	0.001483	3.68E-08	1.63E-03	0.00012	5.35E-06	0.002823	3.8E-08	0.002949
2105	495661.06	3859601.99	0.05907	0.06448	0.05523	0.05866	1.11E-04	5.7E-06	0.0012	6.6E-08	0.00132	1.36E-04	6.93174E-06	0.001477	3.67E-08	1.62E-03	0.00012	5.33E-06	0.002813	3.79E-08	0.002938
2106	494311.06	3859651.99	0.06931	0.07458	0.0617	0.07288	1.30E-04	6.5E-06	0.00134	8.1E-08	0.00148	1.60E-04	8.01752E-06	0.00165	4.56E-08	1.82E-03	0.000141	6.17E-06	0.003142	4.71E-08	0.003289
2107	494361.06	3859651.99	0.06849	0.07379	0.06139	0.07092	1.29E-04	6.5E-06	0.00133	7.9E-08	0.00147	1.58E-04	7.93259E-06	0.001642	4.44E-08	1.81E-03	0.000139	6.1E-06	0.003127	4.58E-08	0.003272
2108	494411.06	3859651.99	0.06806	0.07335	0.06115	0.07035	1.28E-04	6.4E-06	0.00133	7.9E-08	0.00146	1.57E-04	7.88529E-06	0.001635	4.4E-08	1.80E-03	0.000138	6.07E-06	0.003114	4.54E-08	0.003259
2109	494461.06	3859651.99	0.06793	0.07317	0.06097	0.0707	1.28E-04	6.4E-06	0.00132	7.9E-08	0.00146	1.56E-04	7.86594E-06	0.001631	4.42E-08	1.80E-03	0.000138	6.05E-06	0.003105	4.57E-08	0.003249
2110	494511.06	3859651.99	0.06748	0.0727	0.06072	0.07003	1.27E-04	6.4E-06	0.00132	7.8E-08	0.00145	1.55E-04	7.81541E-06	0.001624	4.38E-08	1.79E-03	0.000137	6.01E-06	0.003093	4.52E-08	0.003236
2111	494561.06	3859651.99	0.06715	0.07234	0.0605	0.06973	1.26E-04	6.3E-06	0.00131	7.8E-08	0.00145	1.55E-04	7.77671E-06	0.001618	4.36E-08	1.78E-03	0.000136	5.98E-06	0.003081	4.5E-08	0.003224
2112	494611.06	3859651.99	0.0668	0.07197	0.06027	0.06936	1.26E-04	6.3E-06	0.00131	7.7E-08	0.00144	1.54E-04	7.73694E-06	0.001612	4.34E-08	1.77E-03	0.000136	5.95E-06	0.00307	4.48E-08	0.003211
2113	494661.06	3859651.99	0.06596	0.07118	0.05989	0.0676	1.24E-04	6.2E-06	0.0013	7.6E-08	0.00143	1.52E-04	7.65201E-06	0.001602	4.23E-08	1.76E-03	0.000134	5.89E-06	0.00305	4.37E-08	0.00319
2114	494711.06	3859651.99	0.06564	0.07083	0.05967	0.0673	1.23E-04	6.2E-06	0.0013	7.5E-08	0.00143	1.51E-04	7.61438E-06	0.001596	4.21E-08	1.75E-03	0.000133	5.86E-06	0.003039	4.35E-08	0.003178
2115	494761.06	3859651.99	0.06539	0.0705	0.05946	0.0672	1.23E-04	6.2E-06	0.00129	7.5E-08	0.00142	1.51E-04	7.57891E-06	0.00159	4.2E-08	1.75E-03	0.000133	5.83E-06	0.003028	4.34E-08	0.003167
2116	494811.06	3859651.99	0.06484	0.06994	0.05914	0.06629	1.22E-04	6.1E-06	0.00128	7.4E-08	0.00141	1.49E-04	7.51871E-06	0.001582	4.15E-08	1.74E-03	0.000132	5.78E-06	0.003012	4.28E-08	0.00315
2117	494861.06	3859651.99	0.06453	0.0696	0.05892	0.06601	1.21E-04	6.1E-06	0.00128	7.4E-08	0.00141	1.49E-04	7.48216E-06	0.001576	4.13E-08	1.73E-03	0.000131	5.76E-06	0.003001	4.26E-08	0.003138
2118	494911.06	3859651.99	0.06411	0.06916	0.05865	0.06542	1.20E-04	6.1E-06	0.00127	7.3E-08	0.0014	1.48E-04	7.43485E-06	0.001569	4.09E-08	1.72E-03	0.00013	5.72E-06	0.002987	4.23E-08	0.003123
2119	494961.06	3859651.99	0.06377	0.0688	0.05842	0.06506	1.20E-04	6E-06	0.00127	7.3E-08	0.00139	1.47E-04	7.39615E-06	0.001562	4.07E-08	1.72E-03	0.000129	5.69E-06	0.002975	4.2E-08	0.003111
2120	495011.06	3859651.99	0.06338	0.0684	0.05815	0.06456	1.19E-04	6E-06	0.00126	7.2E-08	0.00139	1.46E-04	7.35315E-06	0.001555	4.04E-08	1.71E-03	0.000129	5.66E-06	0.002962	4.17E-08	0.003096
2121	495061.06	3859651.99	0.06312	0.06812	0.05795	0.06437	1.19E-04	6E-06	0.00126	7.2E-08	0.00138	1.45E-04	7.32305E-06	0.00155	4.03E-08	1.70E-03	0.000128	5.63E-06	0.002951	4.16E-08	0.003085
2122	495111.06	3859651.99	0.06269	0.06768	0.05766	0.06376	1.18E-04	5.9E-06	0.00125	7.1E-08	0.00138	1.44E-04	7.27575E-06	0.001542	3.99E-08	1.69E-03	0.000127	5.6E-06	0.002937	4.12E-08	0.00307
2123	495161.06	3859651.99	0.06237	0.06736	0.05743	0.06342	1.17E-04	5.9E-06	0.00125	7.1E-08	0.00137	1.44E-04	7.24135E-06	0.001536	3.97E-08	1.69E-03	0.000127	5.57E-06	0.002925	4.1E-08	0.003057
2124	495211.06	3859651.99	0.06211	0.0671	0.05723	0.06323	1.17E-04	5.9E-06	0.00124	7.1E-08	0.00137	1.43E-04	7.2134E-06	0.001531	3.95E-08	1.68E-03	0.000126	5.55E-06	0.002915	4.08E-08	0.003046
2125	495261.06	3859651.99	0.06178	0.06676	0.05698	0.06284	1.16E-04	5.9E-06	0.00124	7E-08	0.00136	1.42E-04	7.17685E-06	0.001524	3.93E-08	1.67E-03	0.000125	5.52E-06	0.002902	4.06E-08	0.003033
2126	495311.06	3859651.99	0.06149	0.06648	0.05676	0.06256	1.16E-04	5.8E-06	0.00123	7E-08	0.00135	1.42E-04	7.14675E-06	0.001518	3.91E-08	1.67E-03	0.000125	5.5E-06	0.002891	4.04E-08	0.003021
2127	495361.06	3859651.99	0.06123	0.06623	0.05655	0.06234	1.15E-04	5.8E-06	0.00123	7E-08	0.00135	1.41E-04	7.11987E-06	0.001512	3.9E-08	1.66E-03	0.000124	5.48E-06	0.00288	4.03E-08	0.00301
2128	495411.06	3859651.99	0.0609	0.06591	0.05631	0.06195	1.14E-04	5.8E-06	0.00122	6.9E-08	0.00134	1.40E-04	7.08547E-06	0.001506	3.87E-08	1.65E-03	0.000124	5.45E-06	0.002868	4E-08	0.002997
2129	495461.06	3859651.99	0.06035	0.06538	0.05595	0.06104	1.13E-04	5.7E-06	0.00122	6.8E-08	0.00133	1.39E-04	7.0285E-06	0.001496	3.82E-08	1.64E-03	0.000123	5.41E-06	0.00285	3.94E-08	0.002978
2130	495511.06	3859651.99	0.05986	0.0649	0.05561	0.06029	1.12E-04	5.7E-06	0.00121	6.7E-08	0.00133	1.38E-04	6.9769E-06	0.001487	3.77E-08	1.63E-03	0.000122	5.37E-06	0.002832	3.89E-08	0.002959
2131	495561.06	3859651.99	0.0596	0.06466	0.05539	0.06005	1.12E-04	5.7E-06	0.0012	6.7E-08	0.00132	1.37E-04	6.95109E-06	0.001481	3.76E-08	1.63E-03	0.000121	5.35E-06	0.002821	3.88E-08	0.002947

2132	495611.06	3859651.99	0.05923	0.06431	0.05512	0.05956	1.11E-04	5.6E-06	0.0012	6.7E-08	0.00131	1.36E-04	6.91347E-06	0.001474	3.73E-08	1.62E-03	0.00012	5.32E-06	0.002807	3.85E-08	0.002933
2133	495661.06	3859651.99	0.05882	0.06392	0.05482	0.05899	1.11E-04	5.6E-06	0.00119	6.6E-08	0.00141	1.35E-04	6.87154E-06	0.001466	3.69E-08	1.61E-03	0.000119	5.29E-06	0.002792	3.81E-08	0.002917
2134	494311.06	3859701.99	0.0679	0.0731	0.06064	0.07069	1.28E-04	6.4E-06	0.00132	7.9E-08	0.00145	1.56E-04	7.85841E-06	0.001622	4.42E-08	1.79E-03	0.000138	6.05E-06	0.003088	4.57E-08	0.003232
2135	494361.06	3859701.99	0.06746	0.07263	0.0604	0.06997	1.27E-04	6.4E-06	0.00131	7.8E-08	0.00144	1.55E-04	7.80789E-06	0.001615	4.38E-08	1.78E-03	0.000137	6.01E-06	0.003076	4.52E-08	0.003219
2136	494411.06	3859701.99	0.06717	0.07231	0.06019	0.0698	1.26E-04	6.3E-06	0.00131	7.8E-08	0.00144	1.55E-04	7.77349E-06	0.00161	4.37E-08	1.77E-03	0.000136	5.98E-06	0.003066	4.51E-08	0.003208
2137	494461.06	3859701.99	0.06711	0.07221	0.06001	0.07045	1.26E-04	6.3E-06	0.0013	7.9E-08	0.00144	1.55E-04	7.76274E-06	0.001605	4.41E-08	1.77E-03	0.000136	5.97E-06	0.003056	4.55E-08	0.003199
2138	494511.06	3859701.99	0.06673	0.07181	0.05979	0.06994	1.25E-04	6.3E-06	0.0013	7.8E-08	0.00143	1.54E-04	7.71974E-06	0.001599	4.37E-08	1.76E-03	0.000135	5.94E-06	0.003045	4.52E-08	0.003187
2139	494561.06	3859701.99	0.06643	0.07148	0.05958	0.06969	1.25E-04	6.3E-06	0.00129	7.8E-08	0.00143	1.53E-04	7.68426E-06	0.001594	4.36E-08	1.75E-03	0.000135	5.91E-06	0.003034	4.5E-08	0.003175
2140	494611.06	3859701.99	0.0661	0.07113	0.05936	0.06938	1.24E-04	6.2E-06	0.00129	7.8E-08	0.00142	1.52E-04	7.64663E-06	0.001588	4.34E-08	1.75E-03	0.000134	5.88E-06	0.003023	4.48E-08	0.003163
2141	494661.06	3859701.99	0.06529	0.07034	0.05904	0.06747	1.23E-04	6.2E-06	0.00128	7.5E-08	0.00141	1.50E-04	7.56171E-06	0.001579	4.22E-08	1.74E-03	0.000133	5.82E-06	0.003007	4.36E-08	0.003145
2142	494711.06	3859701.99	0.0651	0.07011	0.05886	0.06758	1.22E-04	6.2E-06	0.00128	7.6E-08	0.00141	1.50E-04	7.53698E-06	0.001574	4.23E-08	1.73E-03	0.000132	5.8E-06	0.002998	4.37E-08	0.003136
2143	494761.06	3859701.99	0.06465	0.06964	0.05861	0.06686	1.21E-04	6.1E-06	0.00127	7.5E-08	0.0014	1.49E-04	7.48646E-06	0.001568	4.18E-08	1.72E-03	0.000131	5.76E-06	0.002985	4.32E-08	0.003122
2144	494811.06	3859701.99	0.06418	0.06915	0.05834	0.0661	1.21E-04	6.1E-06	0.00127	7.4E-08	0.00139	1.48E-04	7.43378E-06	0.00156	4.13E-08	1.72E-03	0.00013	5.72E-06	0.002971	4.27E-08	0.003107
2145	494861.06	3859701.99	0.06403	0.06897	0.05818	0.06629	1.20E-04	6.1E-06	0.00126	7.4E-08	0.00139	1.47E-04	7.41443E-06	0.001556	4.15E-08	1.71E-03	0.00013	5.7E-06	0.002963	4.28E-08	0.003099
2146	494911.06	3859701.99	0.06363	0.06855	0.05794	0.06572	1.20E-04	6E-06	0.00126	7.3E-08	0.00138	1.47E-04	7.36928E-06	0.00155	4.11E-08	1.70E-03	0.000129	5.67E-06	0.002951	4.25E-08	0.003086
2147	494961.06	3859701.99	0.06324	0.06814	0.05769	0.06519	1.19E-04	6E-06	0.00125	7.3E-08	0.00138	1.46E-04	7.3252E-06	0.001543	4.08E-08	1.70E-03	0.000128	5.64E-06	0.002938	4.21E-08	0.003072
2148	495011.06	3859701.99	0.06298	0.06785	0.0575	0.06502	1.18E-04	6E-06	0.00125	7.3E-08	0.00137	1.45E-04	7.29403E-06	0.001538	4.07E-08	1.69E-03	0.000128	5.61E-06	0.002929	4.2E-08	0.003062
2149	495061.06	3859701.99	0.06265	0.0675	0.05727	0.06462	1.18E-04	5.9E-06	0.00124	7.2E-08	0.00137	1.44E-04	7.2564E-06	0.001532	4.04E-08	1.68E-03	0.000127	5.58E-06	0.002917	4.17E-08	0.00305
2150	495111.06	3859701.99	0.06231	0.06714	0.05704	0.0642	1.17E-04	5.9E-06	0.00124	7.2E-08	0.00136	1.43E-04	7.2177E-06	0.001526	4.02E-08	1.68E-03	0.000127	5.55E-06	0.002905	4.15E-08	0.003037
2151	495161.06	3859701.99	0.06194	0.06675	0.05679	0.0637	1.16E-04	5.9E-06	0.00123	7.1E-08	0.00136	1.43E-04	7.17577E-06	0.001519	3.98E-08	1.67E-03	0.000126	5.52E-06	0.002892	4.11E-08	0.003024
2152	495211.06	3859701.99	0.06155	0.06636	0.05654	0.06315	1.16E-04	5.8E-06	0.00123	7.1E-08	0.00135	1.42E-04	7.13385E-06	0.001512	3.95E-08	1.66E-03	0.000125	5.49E-06	0.00288	4.08E-08	0.00301
2153	495261.06	3859701.99	0.0614	0.06619	0.05638	0.06323	1.15E-04	5.8E-06	0.00122	7.1E-08	0.00135	1.41E-04	7.11557E-06	0.001508	3.95E-08	1.66E-03	0.000125	5.47E-06	0.002871	4.08E-08	0.003002
2154	495311.06	3859701.99	0.06104	0.06583	0.05614	0.06275	1.15E-04	5.8E-06	0.00122	7E-08	0.00134	1.41E-04	7.07687E-06	0.001502	3.92E-08	1.65E-03	0.000124	5.44E-06	0.002859	4.05E-08	0.002989
2155	495361.06	3859701.99	0.0607	0.06549	0.0559	0.06232	1.14E-04	5.7E-06	0.00121	7E-08	0.00133	1.40E-04	7.04032E-06	0.001495	3.9E-08	1.64E-03	0.000123	5.42E-06	0.002847	4.03E-08	0.002976
2156	495411.06	3859701.99	0.06027	0.06505	0.05562	0.06164	1.13E-04	5.7E-06	0.00121	6.9E-08	0.00133	1.39E-04	6.99302E-06	0.001488	3.86E-08	1.63E-03	0.000122	5.38E-06	0.002833	3.98E-08	0.002961
2157	495461.06	3859701.99	0.05991	0.0647	0.05537	0.06115	1.13E-04	5.7E-06	0.0012	6.8E-08	0.00132	1.38E-04	6.95539E-06	0.001481	3.82E-08	1.63E-03	0.000122	5.35E-06	0.00282	3.95E-08	0.002947
2158	495511.06	3859701.99	0.0593	0.06409	0.05498	0.06004	1.11E-04	5.6E-06	0.00119	6.7E-08	0.00131	1.37E-04	6.88982E-06	0.00147	3.76E-08	1.61E-03	0.00012	5.3E-06	0.0028	3.88E-08	0.002926
2159	495561.06	3859701.99	0.05923	0.06403	0.05487	0.06028	1.11E-04	5.6E-06	0.00119	6.7E-08	0.00131	1.36E-04	6.88337E-06	0.001468	3.77E-08	1.61E-03	0.00012	5.3E-06	0.002795	3.89E-08	0.00292
2160	495611.06	3859701.99	0.0589	0.06371	0.05463	0.05985	1.11E-04	5.6E-06	0.00119	6.7E-08	0.0013	1.36E-04	6.84897E-06	0.001461	3.74E-08	1.60E-03	0.00012	5.27E-06	0.002782	3.87E-08	0.002907
2161	495661.06	3859701.99	0.05853	0.06336	0.05436	0.05935	1.10E-04	5.6E-06	0.00118	6.6E-08	0.0013	1.35E-04	6.81134E-06	0.001454	3.71E-08	1.60E-03	0.000119	5.24E-06	0.002769	3.83E-08	0.002893
2162	494311.06	3859751.99	0.06709	0.0721	0.05964	0.07077	1.26E-04	6.3E-06	0.0013	7.9E-08	0.00143	1.54E-04	7.75091E-06	0.001595	4.43E-08	1.76E-03	0.000136	5.96E-06	0.003037	4.57E-08	0.00318
2163	494361.06	3859751.99	0.06673	0.07174	0.05943	0.07026	1.25E-04	6.3E-06	0.00129	7.9E-08	0.00142	1.54E-04	7.71221E-06	0.001589	4.39E-08	1.75E-03	0.000135	5.93E-06	0.003027	4.54E-08	0.003168
2164	494411.06	3859751.99	0.06632	0.07132	0.05922	0.06956	1.25E-04	6.3E-06	0.00129	7.8E-08	0.00142	1.53E-04	7.66706E-06	0.001584	4.35E-08	1.74E-03	0.000135	5.9E-06	0.003016	4.49E-08	0.003157
2165	494461.06	3859751.99	0.06618	0.07115	0.059	0.06994	1.24E-04	6.2E-06	0.00128	7.8E-08	0.00141	1.52E-04	7.64878E-06	0.001578	4.37E-08	1.74E-03	0.000134	5.88E-06	0.003005	4.52E-08	0.003145
2166	494511.06	3859751.99	0.06595	0.0709	0.05879	0.06997	1.24E-04	6.2E-06	0.00128	7.8E-08	0.00141	1.52E-04	7.62191E-06	0.001572	4.38E-08	1.73E-03	0.000134	5.86E-06	0.002994	4.52E-08	0.003134
2167	494561.06	3859751.99	0.0656	0.07054	0.05859	0.06952	1.23E-04	6.2E-06	0.00127	7.8E-08	0.0014	1.51E-04	7.58321E-06	0.001567	4.35E-08	1.73E-03	0.000133	5.83E-06	0.002984	4.49E-08	0.003123
2168	494611.06	3859751.99	0.0652	0.07012	0.05839	0.06882	1.23E-04	6.2E-06	0.00127	7.7E-08	0.0014	1.50E-04	7.53806E-06	0.001562	4.3E-08	1.72E-03	0.000132	5.8E-06	0.002974	4.45E-08	0.003112
2169	494661.06	3859751.99	0.06462	0.06957	0.05817	0.06753	1.21E-04	6.1E-06	0.00126	7.5E-08	0.00139	1.49E-04	7.47893E-06	0.001556	4.22E-08	1.71E-03	0.000131	5.75E-06	0.002963	4.36E-08	0.0031
2170	494711.06	3859751.99	0.06443	0.06931	0.05798	0.06761	1.21E-04	6.1E-06	0.00126	7.6E-08	0.00139	1.48E-04	7.45098E-06	0.001551	4.23E-08	1.71E-03	0.000131	5.73E-06	0.002953	4.37E-08	0.00309
2171	494761.06	3859751.99	0.06414	0.069	0.05778	0.06737	1.21E-04	6.1E-06	0.00125	7.5E-08	0.00138	1.48E-04	7.41765E-06	0.001545	4.21E-08	1.70E-03	0.00013	5.71E-06	0.002943	4.35E-08	0.003079
2172	494811.06	3859751.99	0.06375	0.06859	0.05756	0.06677	1.20E-04	6E-06	0.00125	7.5E-08	0.00138	1.47E-04	7.37358E-06	0.001539	4.18E-08	1.69E-03	0.000129	5.67E-06	0.002932	4.31E-08	0.003067
2173	494861.06	3859751.99	0.06344	0.06825	0.05736	0.06643	1.19E-04	6E-06	0.00125	7.4E-08	0.00137	1.46E-04	7.33703E-06	0.001534	4.15E-08	1.69E-03	0.000129	5.64E-06	0.002921	4.29E-08	0.003056
2174	494911.06	3859751.99	0.06312	0.06791	0.05715	0.06607	1.19E-04	6E-06	0.00124	7.4E-08	0.00137	1.45E-04	7.30048E-06	0.001529	4.13E-08	1.68E-03	0.000128	5.62E-06	0.002911	4.27E-08	0.003044
2175	494961.06	3859751.99	0.0628	0.06757	0.05695	0.06571	1.18E-04	5.9E-06	0.00124	7.3E-08	0.00136	1.45E-04	7.26393E-06	0.001523	4.11E-08	1.68E-03	0.000128	5.59E-06	0.0029	4.24E-08	0.003034
2176	495011.06	3859751.99	0.06246	0.06721	0.05674	0.06527	1.17E-04	5.9E-06	0.00123	7.3E-08	0.00136	1.44E-04	7.22523E-06	0.001518	4.08E-08	1.67E-03	0.000127	5.56E-06	0.00289	4.22E-08	0.003022
2177	495061.06	3859751.99	0.0622	0.06692	0.05654	0.06508	1.17E-04	5.9E-06	0.00123	7.3E-08	0.00135	1.43E-04	7.19405E-06	0.001512	4.07E-08	1.66E-03	0.000126	5.53E-06	0.00288	4.2E-08	0.003011
2178	495111.06	3859751.99	0.06187	0.06657	0.05633	0.06466	1.16E-04	5.8E-06	0.00122	7.2E-08	0.00135	1.42E-04	7.15642E-06	0.001507	4.04E-08	1.66E-03	0.000126	5.51E-06	0.002869	4.18E-08	0.003
2179	495161.06	3859751.99	0.06151	0.0662	0.05611	0.06415	1.16E-04	5.8E-06	0.00122	7.2E-08	0.00134	1.42E-04	7.11665E-06	0.001501	4.01E-08	1.65E-03	0.000125	5.47E-06	0.002858	4.14E-08	0.002988
2180	495211.06	3859751.99	0.06114	0.06581	0.05588	0.06361	1.15E-04	5.8E-06	0.00121	7.1E-08	0.00133	1.41E-04	7.07472E-06	0.001495	3.98E-08	1.64E-03	0.000124	5.44E-06	0.002846	4.11E-08	0.002976
2181	495261.06	3859751.99	0.06087	0.06553	0.05568	0.06336	1.14E-04	5.7E-06	0.00121	7.1E-08	0.00133	1.40E-04	7.04462E-06	0.001489	3.96E-08	1.64E-03	0.000124	5.42E-06	0.002836	4.09E-08	0.002965
2182	495311.06	3859751.99	0.06054	0.06518	0.05546	0.06291	1.14E-04	5.7E-06	0.0012	7E-08	0.00132	1.39E-04	7.007E-06	0.001483	3.93E-08	1.63E-03	0.000123	5.39E-06	0.002825	4.06E-08	0.002953
2183	495361.06	3859751.99	0.06022	0.06485	0.05525	0.06252	1.13E-04	5.7E-06	0.0012	7E-08	0.00132	1.39E-04	6.97152E-06	0.001478	3.91E-08	1.62E-03	0.000122	5.36E-06	0.002814	4.04E-08	0.002942
2184	495411.06	3859751.99	0.05992	0.06453	0.05503	0.06214	1.13E-04	5.7E-06	0.0012	6.9E-08	0.00131	1.38E-04	6.93712E-06	0.001472	3.89E-08	1.62E-03	0.000122	5.34E-06	0.002803	4.01E-08	0.00293
2185	495461.06	3859751.99	0.0595	0.06411	0.05477	0.06144	1.12E-04	5.6E-06	0.00119	6.9E-08	0.00131	1.37E-04	6.89197E-06	0.001465	3.84E-08	1.61E-03	0.000121	5.3E-06	0.002789	3.97E-08	0.002916
2186	495511.06	3859751.99	0.05907	0.06367	0.0545	0.06073	1.11E-04	5.6E-06	0.00118	6.8E-08	0.0013	1.36E-04	6.84467E-06	0.001458	3.8E-08	1.60E-03	0.00012	5.27E-06	0.002776	3.92E-08	0.002901
2187	495561.06	3859751.99	0.05876	0.06336	0.05427	0.06033	1.10E-04	5.6E-06	0.00118	6.7E-08	0.00129	1.35E-04	6.81134E-06	0.001451	3.77E-08	1.59E-03	0.000119	5.24E-06	0.002764	3.9E-08	0.002889
2188	495611.06	3859751.99	0.05845	0.06305	0.05405	0.05994	1.10E-04	5.5E-06	0.00117	6.7E-08	0.00129	1.35E-04	6.77802E-06	0.001446	3.75E-08	1.59E-03	0.000119	5.21E-06	0.002753	3.87E-08	0.002877
2189	495661.06	3859751.99	0.0582	0.0628	0.05385	0.05971	1.09E-04	5.5E-06	0.00117	6.7E-08	0.00128	1.34E-04	6.75114E-06	0.00144	3.73E-08	1.58E-03	0.000118	5.19E-06	0.002743	3.86E-08	0.002866
2190	494311.06	3859801.99	0.0662	0.07114	0.0586	0.07082	1.24E-04	6.2E-06	0.00127	7.9E-08	0.0014	1.52E-04	7.64771E-06	0.001567	4.43E-08	1.73E-03	0.000134	5.88E-06	0.002985	4.57E-08	0.003125
2191	494361.06	3859801.99	0.06581	0.07067	0.05842	0.07	1.24E-04	6.2E-06	0.00127	7.8E-08	0.0014	1.52E-04	7.59718E-06	0.001562	4.38E-08	1.72E-03	0.000134	5.84E-06	0.002975	4.52E-08	0.003115
2192	494411.06	3859801.99	0.06538	0.07025	0.05824	0.06912	1.23E-04	6.2E-06	0.00126	7.7E-08	0.00139	1.51E-04	7.55203E-06	0.001558	4.32E-08	1.72E-03	0.000133	5.81E-06	0.002966	4.46E-08	0.003105

2193	494461.06	3859801.99	0.06521	0.07006	0.05801	0.06938	1.23E-04	6.1E-06	0.00126	7.8E-08	0.00139	1.50E-04	7.53161E-06	0.001552	4.34E-08	1.71E-03	0.000132	5.79E-06	0.002954	4.48E-08	0.003093
2194	494511.06	3859801.99	0.06503	0.06999	0.05776	0.06971	1.22E-04	6.1E-06	0.00125	7.8E-08	0.00138	1.50E-04	7.52408E-06	0.001545	4.36E-08	1.70E-03	0.000132	5.79E-06	0.002942	4.5E-08	0.00308
2195	494561.06	3859801.99	0.06472	0.06968	0.05757	0.06931	1.22E-04	6.1E-06	0.00125	7.7E-08	0.00138	1.49E-04	7.49076E-06	0.00154	4.33E-08	1.70E-03	0.000131	5.76E-06	0.002932	4.48E-08	0.003069
2196	494611.06	3859801.99	0.06426	0.06908	0.05742	0.06819	1.21E-04	6.1E-06	0.00125	7.6E-08	0.00137	1.48E-04	7.42625E-06	0.001536	4.26E-08	1.69E-03	0.00013	5.71E-06	0.002924	4.4E-08	0.003061
2197	494661.06	3859801.99	0.06392	0.06872	0.05723	0.06768	1.20E-04	6E-06	0.00124	7.6E-08	0.00137	1.47E-04	7.38755E-06	0.001531	4.23E-08	1.69E-03	0.00013	5.68E-06	0.002915	4.37E-08	0.00305
2198	494711.06	3859801.99	0.06352	0.06831	0.05704	0.06697	1.19E-04	6E-06	0.00124	7.5E-08	0.00136	1.46E-04	7.34348E-06	0.001526	4.19E-08	1.68E-03	0.000129	5.65E-06	0.002905	4.33E-08	0.00304
2199	494761.06	3859801.99	0.06338	0.06814	0.05684	0.06729	1.19E-04	6E-06	0.00123	7.5E-08	0.00136	1.46E-04	7.3252E-06	0.00152	4.21E-08	1.67E-03	0.000129	5.64E-06	0.002895	4.35E-08	0.003029
2200	494811.06	3859801.99	0.06304	0.06778	0.05665	0.0668	1.18E-04	5.9E-06	0.00123	7.5E-08	0.00135	1.45E-04	7.2865E-06	0.001515	4.18E-08	1.67E-03	0.000128	5.61E-06	0.002885	4.32E-08	0.003019
2201	494861.06	3859801.99	0.06276	0.06748	0.05646	0.06655	1.18E-04	5.9E-06	0.00123	7.4E-08	0.00135	1.45E-04	7.25425E-06	0.00151	4.16E-08	1.66E-03	0.000127	5.58E-06	0.002876	4.3E-08	0.003009
2202	494911.06	3859801.99	0.0624	0.0671	0.05628	0.06596	1.17E-04	5.9E-06	0.00122	7.4E-08	0.00135	1.44E-04	7.2134E-06	0.001505	4.13E-08	1.66E-03	0.000127	5.55E-06	0.002866	4.26E-08	0.002999
2203	494961.06	3859801.99	0.0621	0.06678	0.05609	0.06561	1.17E-04	5.9E-06	0.00122	7.3E-08	0.00134	1.43E-04	7.179E-06	0.0015	4.1E-08	1.65E-03	0.000126	5.52E-06	0.002857	4.24E-08	0.002988
2204	495011.06	3859801.99	0.06179	0.06644	0.05589	0.06522	1.16E-04	5.8E-06	0.00121	7.3E-08	0.00134	1.42E-04	7.14245E-06	0.001495	4.08E-08	1.64E-03	0.000125	5.49E-06	0.002847	4.21E-08	0.002978
2205	495061.06	3859801.99	0.06152	0.06614	0.0557	0.06496	1.16E-04	5.8E-06	0.00121	7.3E-08	0.00133	1.42E-04	7.1102E-06	0.00149	4.06E-08	1.64E-03	0.000125	5.47E-06	0.002837	4.2E-08	0.002967
2206	495111.06	3859801.99	0.06117	0.06577	0.0555	0.06444	1.15E-04	5.8E-06	0.00121	7.2E-08	0.00133	1.41E-04	7.07042E-06	0.001484	4.03E-08	1.63E-03	0.000124	5.44E-06	0.002827	4.16E-08	0.002956
2207	495161.06	3859801.99	0.06084	0.06542	0.0553	0.06396	1.14E-04	5.7E-06	0.0012	7.1E-08	0.00132	1.40E-04	7.0328E-06	0.001479	4E-08	1.63E-03	0.000124	5.41E-06	0.002816	4.13E-08	0.002945
2208	495211.06	3859801.99	0.06057	0.06513	0.05511	0.0637	1.14E-04	5.7E-06	0.0012	7.1E-08	0.00132	1.39E-04	7.00162E-06	0.001474	3.98E-08	1.62E-03	0.000123	5.39E-06	0.002807	4.11E-08	0.002935
2209	495261.06	3859801.99	0.06022	0.06476	0.05491	0.06319	1.13E-04	5.7E-06	0.00119	7.1E-08	0.00131	1.39E-04	6.96185E-06	0.001469	3.95E-08	1.61E-03	0.000122	5.36E-06	0.002797	4.08E-08	0.002924
2210	495311.06	3859801.99	0.05997	0.06449	0.05472	0.06297	1.13E-04	5.7E-06	0.00119	7E-08	0.00131	1.38E-04	6.93282E-06	0.001464	3.94E-08	1.61E-03	0.000122	5.33E-06	0.002787	4.07E-08	0.002914
2211	495361.06	3859801.99	0.05965	0.06416	0.05452	0.06253	1.12E-04	5.6E-06	0.00118	7E-08	0.0013	1.37E-04	6.89734E-06	0.001458	3.91E-08	1.60E-03	0.000121	5.31E-06	0.002777	4.04E-08	0.002903
2212	495411.06	3859801.99	0.05929	0.06378	0.0543	0.06197	1.11E-04	5.6E-06	0.00118	6.9E-08	0.0013	1.37E-04	6.85649E-06	0.001452	3.88E-08	1.60E-03	0.00012	5.27E-06	0.002766	4E-08	0.002891
2213	495461.06	3859801.99	0.05899	0.06346	0.0541	0.06157	1.11E-04	5.6E-06	0.00117	6.9E-08	0.00129	1.36E-04	6.82209E-06	0.001447	3.85E-08	1.59E-03	0.00012	5.25E-06	0.002755	3.98E-08	0.00288
2214	495511.06	3859801.99	0.05858	0.06304	0.05385	0.06084	1.10E-04	5.5E-06	0.00117	6.8E-08	0.00129	1.35E-04	6.77694E-06	0.00144	3.81E-08	1.58E-03	0.000119	5.21E-06	0.002743	3.93E-08	0.002867
2215	495561.06	3859801.99	0.05831	0.06276	0.05365	0.06054	1.10E-04	5.5E-06	0.00117	6.8E-08	0.00128	1.34E-04	6.74684E-06	0.001435	3.79E-08	1.58E-03	0.000118	5.19E-06	0.002732	3.91E-08	0.002856
2216	495611.06	3859801.99	0.05813	0.06257	0.05349	0.06052	1.09E-04	5.5E-06	0.00116	6.8E-08	0.00128	1.34E-04	6.72642E-06	0.001431	3.79E-08	1.57E-03	0.000118	5.17E-06	0.002724	3.91E-08	0.002848
2217	495661.06	3859801.99	0.05775	0.06218	0.05325	0.05988	1.09E-04	5.5E-06	0.00116	6.7E-08	0.00127	1.33E-04	6.68449E-06	0.001424	3.75E-08	1.56E-03	0.000117	5.14E-06	0.002712	3.87E-08	0.002834
2218	494311.06	3859851.99	0.06519	0.06998	0.05759	0.0704	1.23E-04	6.1E-06	0.00125	7.9E-08	0.00138	1.50E-04	7.52301E-06	0.00154	4.4E-08	1.70E-03	0.000132	5.79E-06	0.002933	4.55E-08	0.003071
2219	494361.06	3859851.99	0.06486	0.06966	0.05741	0.06981	1.22E-04	6.1E-06	0.00125	7.8E-08	0.00137	1.49E-04	7.48861E-06	0.001535	4.37E-08	1.69E-03	0.000132	5.76E-06	0.002924	4.51E-08	0.003061
2220	494411.06	3859851.99	0.0645	0.06931	0.05723	0.06911	1.21E-04	6.1E-06	0.00124	7.7E-08	0.00137	1.49E-04	7.45098E-06	0.001531	4.32E-08	1.69E-03	0.000131	5.73E-06	0.002915	4.46E-08	0.003051
2221	494461.06	3859851.99	0.06419	0.06901	0.05704	0.06866	1.21E-04	6.1E-06	0.00124	7.7E-08	0.00137	1.48E-04	7.41873E-06	0.001526	4.29E-08	1.68E-03	0.00013	5.71E-06	0.002905	4.44E-08	0.003041
2222	494511.06	3859851.99	0.06396	0.06879	0.05681	0.0687	1.20E-04	6E-06	0.00123	7.7E-08	0.00136	1.47E-04	7.39508E-06	0.001519	4.3E-08	1.67E-03	0.00013	5.69E-06	0.002893	4.44E-08	0.003029
2223	494561.06	3859851.99	0.06376	0.06858	0.05658	0.06887	1.20E-04	6E-06	0.00123	7.7E-08	0.00135	1.47E-04	7.3725E-06	0.001513	4.31E-08	1.67E-03	0.000129	5.67E-06	0.002882	4.45E-08	0.003017
2224	494611.06	3859851.99	0.06333	0.06805	0.05645	0.06772	1.19E-04	6E-06	0.00123	7.6E-08	0.00135	1.46E-04	7.31553E-06	0.00151	4.24E-08	1.66E-03	0.000129	5.63E-06	0.002875	4.37E-08	0.003009
2225	494661.06	3859851.99	0.06309	0.06793	0.05624	0.06767	1.19E-04	6E-06	0.00122	7.6E-08	0.00135	1.45E-04	7.30263E-06	0.001504	4.23E-08	1.66E-03	0.000128	5.62E-06	0.002864	4.37E-08	0.002998
2226	494711.06	3859851.99	0.06271	0.06741	0.05609	0.06686	1.18E-04	5.9E-06	0.00122	7.5E-08	0.00134	1.44E-04	7.24673E-06	0.0015	4.18E-08	1.65E-03	0.000127	5.57E-06	0.002857	4.32E-08	0.00299
2227	494761.06	3859851.99	0.06253	0.06722	0.05586	0.06705	1.18E-04	5.9E-06	0.00121	7.5E-08	0.00134	1.44E-04	7.2263E-06	0.001494	4.19E-08	1.65E-03	0.000127	5.56E-06	0.002845	4.33E-08	0.002978
2228	494811.06	3859851.99	0.06222	0.06689	0.05569	0.06663	1.17E-04	5.9E-06	0.00121	7.4E-08	0.00133	1.43E-04	7.19082E-06	0.001489	4.17E-08	1.64E-03	0.000126	5.53E-06	0.002836	4.3E-08	0.002968
2229	494861.06	3859851.99	0.06197	0.06663	0.05549	0.06646	1.16E-04	5.8E-06	0.00121	7.4E-08	0.00133	1.43E-04	7.16287E-06	0.001484	4.16E-08	1.63E-03	0.000126	5.51E-06	0.002826	4.29E-08	0.002958
2230	494911.06	3859851.99	0.06165	0.06628	0.05534	0.06593	1.16E-04	5.8E-06	0.0012	7.4E-08	0.00132	1.42E-04	7.12525E-06	0.00148	4.12E-08	1.63E-03	0.000125	5.48E-06	0.002818	4.26E-08	0.002949
2231	494961.06	3859851.99	0.06136	0.06597	0.05516	0.06558	1.15E-04	5.8E-06	0.0012	7.3E-08	0.00132	1.41E-04	7.09192E-06	0.001475	4.1E-08	1.62E-03	0.000125	5.46E-06	0.002809	4.24E-08	0.002939
2232	495011.06	3859851.99	0.06107	0.06566	0.05498	0.06522	1.15E-04	5.8E-06	0.00119	7.3E-08	0.00131	1.41E-04	7.0586E-06	0.00147	4.08E-08	1.62E-03	0.000124	5.43E-06	0.0028	4.21E-08	0.00293
2233	495061.06	3859851.99	0.06081	0.06538	0.0548	0.06498	1.14E-04	5.7E-06	0.00119	7.3E-08	0.00131	1.40E-04	7.0285E-06	0.001466	4.06E-08	1.61E-03	0.000123	5.41E-06	0.002791	4.2E-08	0.00292
2234	495111.06	3859851.99	0.06048	0.06502	0.05463	0.06442	1.14E-04	5.7E-06	0.00119	7.2E-08	0.00131	1.39E-04	6.9898E-06	0.001461	4.03E-08	1.61E-03	0.000123	5.38E-06	0.002782	4.16E-08	0.002911
2235	495161.06	3859851.99	0.06018	0.0647	0.05446	0.06401	1.13E-04	5.7E-06	0.00118	7.2E-08	0.0013	1.39E-04	6.95539E-06	0.001457	4E-08	1.60E-03	0.000122	5.35E-06	0.002774	4.13E-08	0.002901
2236	495211.06	3859851.99	0.0599	0.06439	0.05428	0.06364	1.13E-04	5.6E-06	0.00118	7.1E-08	0.0013	1.38E-04	6.92207E-06	0.001452	3.98E-08	1.60E-03	0.000122	5.32E-06	0.002765	4.11E-08	0.002891
2237	495261.06	3859851.99	0.0596	0.06406	0.0541	0.06323	1.12E-04	5.6E-06	0.00117	7.1E-08	0.00129	1.37E-04	6.88659E-06	0.001447	3.95E-08	1.59E-03	0.000121	5.3E-06	0.002755	4.08E-08	0.002882
2238	495311.06	3859851.99	0.05934	0.06378	0.05392	0.06296	1.12E-04	5.6E-06	0.00117	7E-08	0.00129	1.37E-04	6.85649E-06	0.001442	3.94E-08	1.59E-03	0.00012	5.27E-06	0.002746	4.07E-08	0.002872
2239	495361.06	3859851.99	0.05906	0.06348	0.05374	0.06261	1.11E-04	5.6E-06	0.00117	7E-08	0.00128	1.36E-04	6.82424E-06	0.001437	3.92E-08	1.58E-03	0.00012	5.25E-06	0.002737	4.04E-08	0.002862
2240	495411.06	3859851.99	0.05873	0.06313	0.05355	0.06209	1.10E-04	5.5E-06	0.00116	6.9E-08	0.00128	1.35E-04	6.78662E-06	0.001432	3.88E-08	1.57E-03	0.000119	5.22E-06	0.002727	4.01E-08	0.002852
2241	495461.06	3859851.99	0.05841	0.06279	0.05336	0.0616	1.10E-04	5.5E-06	0.00116	6.9E-08	0.00127	1.35E-04	6.75007E-06	0.001427	3.85E-08	1.57E-03	0.000119	5.19E-06	0.002718	3.98E-08	0.002841
2242	495511.06	3859851.99	0.05806	0.06242	0.05316	0.061	1.09E-04	5.5E-06	0.00115	6.8E-08	0.00127	1.34E-04	6.71029E-06	0.001422	3.82E-08	1.56E-03	0.000118	5.16E-06	0.002707	3.94E-08	0.002831
2243	495561.06	3859851.99	0.05783	0.06217	0.05298	0.06081	1.09E-04	5.5E-06	0.00115	6.8E-08	0.00126	1.33E-04	6.68341E-06	0.001417	3.8E-08	1.56E-03	0.000117	5.14E-06	0.002698	3.93E-08	0.002821
2244	495611.06	3859851.99	0.05758	0.06191	0.0528	0.06056	1.08E-04	5.4E-06	0.00115	6.8E-08	0.00126	1.33E-04	6.65546E-06	0.001412	3.79E-08	1.55E-03	0.000117	5.12E-06	0.002689	3.91E-08	0.002811
2245	495661.06	3859851.99	0.05724	0.06155	0.05259	0.05998	1.08E-04	5.4E-06	0.00114	6.7E-08	0.00126	1.32E-04	6.61676E-06	0.001407	3.75E-08	1.55E-03	0.000116	5.09E-06	0.002678	3.87E-08	0.0028
2246	494311.06	3859901.99	0.06415	0.06882	0.05663	0.06986	1.21E-04	6E-06	0.00123	7.8E-08	0.00136	1.48E-04	7.3983E-06	0.001515	4.37E-08	1.67E-03	0.00013	5.69E-06	0.002884	4.51E-08	0.00302
2247	494361.06	3859901.99	0.06377	0.06845	0.05647	0.06893	1.20E-04	6E-06	0.00123	7.7E-08	0.00135	1.47E-04	7.35853E-06	0.00151	4.31E-08	1.66E-03	0.000129	5.66E-06	0.002876	4.45E-08	0.003011
2248	494411.06	3859901.99	0.06353	0.06821	0.05625	0.0688	1.19E-04	6E-06	0.00122	7.7E-08	0.00135	1.46E-04	7.33273E-06	0.001504	4.3E-08	1.66E-03	0.000129	5.64E-06	0.002865	4.44E-08	0.003
2249	494461.06	3859901.99	0.06324	0.06793	0.05606	0.06838	1.19E-04	6E-06	0.00122	7.6E-08	0.00134	1.46E-04	7.30263E-06	0.001499	4.28E-08	1.65E-03	0.000128	5.62E-06	0.002855	4.42E-08	0.002989
2250	494511.06	3859901.99	0.06298	0.06768	0.05585	0.0682	1.18E-04	5.9E-06	0.00121	7.6E-08	0.00134	1.45E-04	7.27575E-06	0.001494	4.27E-08	1.65E-03	0.000128	5.6E-06	0.002844	4.41E-08	0.002978
2251	494561.06	3859901.99	0.0628	0.06751	0.05559	0.06852	1.18E-04	5.9E-06	0.00121	7.7E-08	0.00133	1.45E-04	7.25748E-06	0.001487	4.29E-08	1.64E-03	0.000128	5.58E-06	0.002831	4.43E-08	0.002964
2252	494611.06	3859901.99	0.06241	0.06711	0.05548	0.06737	1.17E-04	5.9E-06	0.0012	7.5E-08	0.00133	1.44E-04	7.21448E-06	0.001484	4.21E-08	1.63E-03	0.000127	5.55E-06	0.002826	4.35E-08	0.002958
2253	494661.06	3859901.99	0.06221	0.06692	0.05524	0.06758	1.17E-04	5.9E-06	0.0012	7.6E-08	0.00132	1.43E-04	7.19405E-06	0.001477	4.23E-08	1.63E-03	0.000126	5.53E-06	0.002813	4.37E-08	0.002945

2254	494711.06	3859901.99	0.06181	0.06652	0.05513	0.06646	1.16E-04	5.8E-06	0.0012	7.4E-08	0.00132	1.42E-04	7.15105E-06	0.001474	4.16E-08	1.62E-03	0.000125	5.5E-06	0.002808	4.29E-08	0.002939
2255	494761.06	3859901.99	0.06159	0.0663	0.05492	0.06648	1.16E-04	5.8E-06	0.00119	7.4E-08	0.00131	1.42E-04	7.1274E-06	0.001469	4.16E-08	1.62E-03	0.000125	5.48E-06	0.002797	4.29E-08	0.002928
2256	494811.06	3859901.99	0.06137	0.06609	0.05471	0.0665	1.15E-04	5.8E-06	0.00119	7.4E-08	0.00131	1.41E-04	7.10482E-06	0.001463	4.16E-08	1.61E-03	0.000125	5.47E-06	0.002786	4.3E-08	0.002917
2257	494861.06	3859901.99	0.06112	0.06583	0.05451	0.0663	1.15E-04	5.8E-06	0.00118	7.4E-08	0.0013	1.41E-04	7.07687E-06	0.001458	4.15E-08	1.61E-03	0.000124	5.44E-06	0.002776	4.28E-08	0.002906
2258	494911.06	3859901.99	0.06081	0.06552	0.05436	0.06577	1.14E-04	5.7E-06	0.00118	7.3E-08	0.0013	1.40E-04	7.04355E-06	0.001454	4.11E-08	1.60E-03	0.000123	5.42E-06	0.002769	4.25E-08	0.002898
2259	494961.06	3859901.99	0.06056	0.06526	0.05418	0.06552	1.14E-04	5.7E-06	0.00118	7.3E-08	0.0013	1.39E-04	7.0156E-06	0.001449	4.1E-08	1.60E-03	0.000123	5.4E-06	0.002759	4.23E-08	0.002888
2260	495011.06	3859901.99	0.06027	0.06497	0.05402	0.06507	1.13E-04	5.7E-06	0.00117	7.3E-08	0.00129	1.39E-04	6.98442E-06	0.001445	4.07E-08	1.59E-03	0.000122	5.37E-06	0.002751	4.2E-08	0.002879
2261	495061.06	3859901.99	0.05999	0.06469	0.05386	0.0647	1.13E-04	5.7E-06	0.00117	7.2E-08	0.00129	1.38E-04	6.95432E-06	0.001441	4.05E-08	1.59E-03	0.000122	5.35E-06	0.002743	4.18E-08	0.00287
2262	495111.06	3859901.99	0.05969	0.06419	0.05371	0.06416	1.12E-04	5.6E-06	0.00117	7.2E-08	0.00128	1.37E-04	6.90057E-06	0.001437	4.01E-08	1.58E-03	0.000121	5.31E-06	0.002735	4.14E-08	0.002862
2263	495161.06	3859901.99	0.05939	0.06386	0.05357	0.06367	1.12E-04	5.6E-06	0.00116	7.1E-08	0.00128	1.37E-04	6.86509E-06	0.001433	3.98E-08	1.58E-03	0.000121	5.28E-06	0.002728	4.11E-08	0.002854
2264	495211.06	3859901.99	0.05915	0.0636	0.05339	0.06349	1.11E-04	5.6E-06	0.00116	7.1E-08	0.00128	1.36E-04	6.83714E-06	0.001428	3.97E-08	1.57E-03	0.00012	5.26E-06	0.002719	4.1E-08	0.002845
2265	495261.06	3859901.99	0.05883	0.06324	0.05324	0.06287	1.11E-04	5.5E-06	0.00116	7E-08	0.00127	1.35E-04	6.79844E-06	0.001424	3.93E-08	1.57E-03	0.000119	5.23E-06	0.002712	4.06E-08	0.002836
2266	495311.06	3859901.99	0.0586	0.06299	0.05306	0.0627	1.10E-04	5.5E-06	0.00115	7E-08	0.00127	1.35E-04	6.77157E-06	0.001419	3.92E-08	1.56E-03	0.000119	5.21E-06	0.002702	4.05E-08	0.002827
2267	495361.06	3859901.99	0.05832	0.06268	0.0529	0.0623	1.10E-04	5.5E-06	0.00115	7E-08	0.00126	1.34E-04	6.73824E-06	0.001415	3.9E-08	1.56E-03	0.000118	5.18E-06	0.002694	4.02E-08	0.002818
2268	495411.06	3859901.99	0.05801	0.06235	0.05274	0.06178	1.09E-04	5.5E-06	0.00115	6.9E-08	0.00126	1.34E-04	6.70276E-06	0.001411	3.86E-08	1.55E-03	0.000118	5.16E-06	0.002686	3.99E-08	0.002809
2269	495461.06	3859901.99	0.05773	0.06203	0.05257	0.06135	1.08E-04	5.4E-06	0.00114	6.9E-08	0.00126	1.33E-04	6.66836E-06	0.001406	3.84E-08	1.55E-03	0.000117	5.13E-06	0.002677	3.96E-08	0.0028
2270	495511.06	3859901.99	0.05749	0.06178	0.0524	0.06112	1.08E-04	5.4E-06	0.00114	6.8E-08	0.00125	1.32E-04	6.64149E-06	0.001401	3.82E-08	1.54E-03	0.000117	5.11E-06	0.002669	3.95E-08	0.002791
2271	495561.06	3859901.99	0.05725	0.06152	0.05222	0.06089	1.08E-04	5.4E-06	0.00113	6.8E-08	0.00125	1.32E-04	6.61354E-06	0.001397	3.81E-08	1.54E-03	0.000116	5.09E-06	0.00266	3.93E-08	0.002781
2272	495611.06	3859901.99	0.05695	0.0612	0.05205	0.0604	1.07E-04	5.4E-06	0.00113	6.7E-08	0.00124	1.31E-04	6.57914E-06	0.001392	3.78E-08	1.53E-03	0.000116	5.06E-06	0.002651	3.9E-08	0.002772
2273	495661.06	3859901.99	0.05663	0.06086	0.05187	0.05987	1.06E-04	5.3E-06	0.00113	6.7E-08	0.00124	1.30E-04	6.54259E-06	0.001387	3.74E-08	1.52E-03	0.000115	5.03E-06	0.002642	3.87E-08	0.002762
2274	494311.06	3859951.99	0.06312	0.068	0.05568	0.06944	1.19E-04	6E-06	0.00121	7.8E-08	0.00133	1.45E-04	7.31015E-06	0.001489	4.34E-08	1.64E-03	0.000128	5.62E-06	0.002836	4.49E-08	0.00297
2275	494361.06	3859951.99	0.06282	0.06774	0.0555	0.06887	1.18E-04	5.9E-06	0.00121	7.7E-08	0.00133	1.45E-04	7.2822E-06	0.001484	4.31E-08	1.64E-03	0.000128	5.6E-06	0.002827	4.45E-08	0.00296
2276	494411.06	3859951.99	0.06253	0.06711	0.05531	0.06837	1.18E-04	5.9E-06	0.0012	7.6E-08	0.00132	1.44E-04	7.21448E-06	0.001479	4.28E-08	1.63E-03	0.000127	5.55E-06	0.002817	4.42E-08	0.00295
2277	494461.06	3859951.99	0.06225	0.06685	0.05512	0.06799	1.17E-04	5.9E-06	0.0012	7.6E-08	0.00132	1.43E-04	7.18652E-06	0.001474	4.25E-08	1.62E-03	0.000126	5.53E-06	0.002807	4.39E-08	0.002939
2278	494511.06	3859951.99	0.06201	0.06661	0.05491	0.06782	1.17E-04	5.8E-06	0.00119	7.6E-08	0.00131	1.43E-04	7.16072E-06	0.001469	4.24E-08	1.62E-03	0.000126	5.51E-06	0.002797	4.38E-08	0.002928
2279	494561.06	3859951.99	0.06185	0.06672	0.05464	0.06822	1.16E-04	5.9E-06	0.00119	7.6E-08	0.00131	1.42E-04	7.17255E-06	0.001461	4.27E-08	1.61E-03	0.000126	5.52E-06	0.002783	4.41E-08	0.002914
2280	494611.06	3859951.99	0.0615	0.06611	0.05451	0.06729	1.16E-04	5.8E-06	0.00118	7.5E-08	0.00131	1.42E-04	7.10697E-06	0.001458	4.21E-08	1.61E-03	0.000125	5.47E-06	0.002776	4.35E-08	0.002907
2281	494661.06	3859951.99	0.06129	0.06621	0.05429	0.06738	1.15E-04	5.8E-06	0.00118	7.5E-08	0.0013	1.41E-04	7.11772E-06	0.001452	4.21E-08	1.60E-03	0.000124	5.48E-06	0.002765	4.35E-08	0.002895
2282	494711.06	3859951.99	0.06096	0.06557	0.05415	0.06653	1.15E-04	5.8E-06	0.00118	7.4E-08	0.0013	1.40E-04	7.04892E-06	0.001448	4.16E-08	1.60E-03	0.000124	5.42E-06	0.002758	4.3E-08	0.002887
2283	494761.06	3859951.99	0.06071	0.06533	0.05395	0.06636	1.14E-04	5.7E-06	0.00117	7.4E-08	0.00129	1.40E-04	7.02312E-06	0.001443	4.15E-08	1.59E-03	0.000123	5.4E-06	0.002748	4.29E-08	0.002876
2284	494811.06	3859951.99	0.06046	0.06507	0.05376	0.0661	1.14E-04	5.7E-06	0.00117	7.4E-08	0.00129	1.39E-04	6.99517E-06	0.001438	4.13E-08	1.58E-03	0.000123	5.38E-06	0.002738	4.27E-08	0.002866
2285	494861.06	3859951.99	0.06022	0.06485	0.05355	0.06604	1.13E-04	5.7E-06	0.00116	7.4E-08	0.00128	1.39E-04	6.97152E-06	0.001432	4.13E-08	1.58E-03	0.000122	5.36E-06	0.002727	4.27E-08	0.002855
2286	494911.06	3859951.99	0.05995	0.06456	0.0534	0.06552	1.13E-04	5.7E-06	0.00116	7.3E-08	0.00128	1.38E-04	6.94034E-06	0.001428	4.1E-08	1.57E-03	0.000122	5.34E-06	0.00272	4.23E-08	0.002847
2287	494961.06	3859951.99	0.05966	0.06427	0.05325	0.06505	1.12E-04	5.6E-06	0.00116	7.3E-08	0.00127	1.37E-04	6.90917E-06	0.001424	4.07E-08	1.57E-03	0.000121	5.32E-06	0.002712	4.2E-08	0.002839
2288	495011.06	3859951.99	0.0594	0.064	0.05309	0.06465	1.12E-04	5.6E-06	0.00115	7.2E-08	0.00127	1.37E-04	6.88014E-06	0.00142	4.04E-08	1.56E-03	0.000121	5.29E-06	0.002704	4.18E-08	0.00283
2289	495061.06	3859951.99	0.05914	0.06374	0.05293	0.06436	1.11E-04	5.6E-06	0.00115	7.2E-08	0.00127	1.36E-04	6.85219E-06	0.001416	4.03E-08	1.56E-03	0.00012	5.27E-06	0.002696	4.16E-08	0.002821
2290	495111.06	3859951.99	0.05886	0.06345	0.05279	0.06385	1.11E-04	5.6E-06	0.00115	7.1E-08	0.00126	1.36E-04	6.82102E-06	0.001412	3.99E-08	1.55E-03	0.00012	5.25E-06	0.002689	4.12E-08	0.002813
2291	495161.06	3859951.99	0.05858	0.06316	0.05264	0.06336	1.10E-04	5.5E-06	0.00114	7.1E-08	0.00126	1.35E-04	6.78984E-06	0.001408	3.96E-08	1.55E-03	0.000119	5.22E-06	0.002681	4.09E-08	0.002805
2292	495211.06	3859951.99	0.0583	0.0627	0.0525	0.06289	1.10E-04	5.5E-06	0.00114	7E-08	0.00126	1.34E-04	6.74039E-06	0.001404	3.93E-08	1.55E-03	0.000118	5.19E-06	0.002674	4.06E-08	0.002797
2293	495261.06	3859951.99	0.05804	0.06242	0.05235	0.06254	1.09E-04	5.5E-06	0.00114	7E-08	0.00125	1.34E-04	6.71029E-06	0.0014	3.91E-08	1.54E-03	0.000118	5.16E-06	0.002666	4.04E-08	0.002789
2294	495311.06	3859951.99	0.05782	0.06219	0.05217	0.06242	1.09E-04	5.5E-06	0.00113	7E-08	0.00125	1.33E-04	6.68556E-06	0.001395	3.9E-08	1.54E-03	0.000117	5.14E-06	0.002657	4.03E-08	0.00278
2295	495361.06	3859951.99	0.05757	0.06192	0.05201	0.06213	1.08E-04	5.4E-06	0.00113	6.9E-08	0.00124	1.33E-04	6.65654E-06	0.001391	3.89E-08	1.53E-03	0.000117	5.12E-06	0.002649	4.01E-08	0.002771
2296	495411.06	3859951.99	0.0573	0.06161	0.05188	0.06165	1.08E-04	5.4E-06	0.00113	6.9E-08	0.00124	1.32E-04	6.62321E-06	0.001388	3.86E-08	1.53E-03	0.000116	5.1E-06	0.002642	3.98E-08	0.002764
2297	495461.06	3859951.99	0.05703	0.06132	0.05172	0.06125	1.07E-04	5.4E-06	0.00112	6.8E-08	0.00124	1.31E-04	6.59204E-06	0.001383	3.83E-08	1.52E-03	0.000116	5.07E-06	0.002634	3.96E-08	0.002755
2298	495511.06	3859951.99	0.05676	0.06102	0.05157	0.06083	1.07E-04	5.4E-06	0.00112	6.8E-08	0.00123	1.31E-04	6.55979E-06	0.001379	3.8E-08	1.52E-03	0.000115	5.05E-06	0.002626	3.93E-08	0.002747
2299	495561.06	3859951.99	0.05657	0.06081	0.0514	0.06078	1.06E-04	5.3E-06	0.00112	6.8E-08	0.00123	1.30E-04	6.53721E-06	0.001375	3.8E-08	1.51E-03	0.000115	5.03E-06	0.002618	3.93E-08	0.002738
2300	495611.06	3859951.99	0.05629	0.0605	0.05125	0.06032	1.06E-04	5.3E-06	0.00111	6.7E-08	0.00122	1.30E-04	6.50389E-06	0.001371	3.77E-08	1.51E-03	0.000114	5E-06	0.00261	3.9E-08	0.00273
2301	495661.06	3859951.99	0.05599	0.06016	0.05111	0.05974	1.05E-04	5.3E-06	0.00111	6.7E-08	0.00122	1.29E-04	6.46733E-06	0.001367	3.74E-08	1.50E-03	0.000114	4.98E-06	0.002603	3.86E-08	0.002722
2302	494311.06	3860001.99	0.06209	0.06679	0.05479	0.06891	1.17E-04	5.9E-06	0.00119	7.7E-08	0.00131	1.43E-04	7.18007E-06	0.001465	4.31E-08	1.62E-03	0.000126	5.52E-06	0.00279	4.45E-08	0.002922
2303	494361.06	3860001.99	0.06182	0.06654	0.05459	0.06852	1.16E-04	5.8E-06	0.00119	7.7E-08	0.00131	1.42E-04	7.1532E-06	0.00146	4.29E-08	1.61E-03	0.000126	5.5E-06	0.00278	4.43E-08	0.002911
2304	494411.06	3860001.99	0.06152	0.0663	0.05442	0.06784	1.16E-04	5.8E-06	0.00118	7.6E-08	0.0013	1.42E-04	7.1274E-06	0.001455	4.24E-08	1.60E-03	0.000125	5.48E-06	0.002772	4.38E-08	0.002902
2305	494461.06	3860001.99	0.06128	0.06605	0.05421	0.06762	1.15E-04	5.8E-06	0.00118	7.6E-08	0.0013	1.41E-04	7.10052E-06	0.00145	4.23E-08	1.60E-03	0.000124	5.46E-06	0.002761	4.37E-08	0.002891
2306	494511.06	3860001.99	0.06101	0.06581	0.05403	0.06713	1.15E-04	5.8E-06	0.00117	7.5E-08	0.00129	1.40E-04	7.07472E-06	0.001445	4.2E-08	1.59E-03	0.000124	5.44E-06	0.002752	4.34E-08	0.002881
2307	494561.06	3860001.99	0.06087	0.06557	0.05376	0.06775	1.14E-04	5.8E-06	0.00117	7.6E-08	0.00129	1.40E-04	7.04892E-06	0.001438	4.24E-08	1.59E-03	0.000124	5.42E-06	0.002738	4.38E-08	0.002867
2308	494611.06	3860001.99	0.06059	0.06532	0.05359	0.06721	1.14E-04	5.7E-06	0.00116	7.5E-08	0.00128	1.40E-04	7.02205E-06	0.001433	4.2E-08	1.58E-03	0.000123	5.4E-06	0.002729	4.34E-08	0.002858
2309	494661.06	3860001.99	0.06034	0.06507	0.05339	0.06697	1.13E-04	5.7E-06	0.00116	7.5E-08	0.00128	1.39E-04	6.99517E-06	0.001428	4.19E-08	1.57E-03	0.000123	5.38E-06	0.002719	4.33E-08	0.002847
2310	494711.06	3860001.99	0.05998	0.06482	0.05328	0.0658	1.13E-04	5.7E-06	0.00116	7.4E-08	0.00128	1.38E-04	6.9683E-06	0.001425	4.12E-08	1.57E-03	0.000122	5.36E-06	0.002714	4.25E-08	0.002841
2311	494761.06	3860001.99	0.0598	0.06458	0.05304	0.06602	1.12E-04	5.7E-06	0.00115	7.4E-08	0.00127	1.38E-04	6.94249E-06	0.001419	4.13E-08	1.56E-03	0.000121	5.34E-06	0.002701	4.26E-08	0.002828
2312	494811.06	3860001.99	0.05956	0.06434	0.05284	0.06585	1.12E-04	5.6E-06	0.00115	7.4E-08	0.00127	1.37E-04	6.91669E-06	0.001413	4.12E-08	1.56E-03	0.000121	5.32E-06	0.002691	4.25E-08	0.002817
2313	494861.06	3860001.99	0.05933	0.06409	0.05265	0.06576	1.11E-04	5.6E-06	0.00114	7.3E-08	0.00126	1.37E-04	6.88982E-06	0.001408	4.11E-08	1.55E-03	0.00012	5.3E-06	0.002681	4.25E-08	0.002807
2314	494911.06	3860001.99	0.05899	0.06352	0.05255	0.0647	1.11E-04	5.6E-06	0.00114	7.2E-08	0.00126	1.36E-04	6.82854E-06	0.001405	4.05E-08	1.55E-03	0.00012	5.25E-06	0.002676	4.18E-08	0.002801

2315	494961.06	3860001.99	0.05876	0.06329	0.05236	0.06457	1.10E-04	5.6E-06	0.00114	7.2E-08	0.00125	1.35E-04	6.80382E-06	0.0014	4.04E-08	1.54E-03	0.000119	5.23E-06	0.002667	4.17E-08	0.002791
2316	495011.06	3860001.99	0.0585	0.06302	0.0522	0.06411	1.10E-04	5.5E-06	0.00113	7.2E-08	0.00125	1.35E-04	6.77479E-06	0.001396	4.01E-08	1.54E-03	0.000119	5.21E-06	0.002659	4.14E-08	0.002783
2317	495061.06	3860001.99	0.05827	0.0628	0.05201	0.06401	1.10E-04	5.5E-06	0.00113	7.2E-08	0.00124	1.34E-04	6.75114E-06	0.001391	4E-08	1.53E-03	0.000118	5.19E-06	0.002649	4.13E-08	0.002772
2318	495111.06	3860001.99	0.05801	0.06252	0.05187	0.06353	1.09E-04	5.5E-06	0.00113	7.1E-08	0.00124	1.34E-04	6.72104E-06	0.001387	3.97E-08	1.53E-03	0.000118	5.17E-06	0.002642	4.1E-08	0.002765
2319	495161.06	3860001.99	0.05774	0.06225	0.05173	0.06306	1.09E-04	5.5E-06	0.00112	7E-08	0.00124	1.33E-04	6.69201E-06	0.001384	3.94E-08	1.52E-03	0.000117	5.15E-06	0.002635	4.07E-08	0.002757
2320	495211.06	3860001.99	0.05752	0.06203	0.05155	0.06293	1.08E-04	5.4E-06	0.00112	7E-08	0.00123	1.32E-04	6.66836E-06	0.001379	3.94E-08	1.52E-03	0.000117	5.13E-06	0.002625	4.07E-08	0.002747
2321	495261.06	3860001.99	0.05727	0.06176	0.05141	0.06251	1.08E-04	5.4E-06	0.00112	7E-08	0.00123	1.32E-04	6.63934E-06	0.001375	3.91E-08	1.51E-03	0.000116	5.11E-06	0.002618	4.04E-08	0.00274
2322	495311.06	3860001.99	0.05703	0.06151	0.05126	0.06223	1.07E-04	5.4E-06	0.00111	7E-08	0.00123	1.31E-04	6.61246E-06	0.001371	3.89E-08	1.51E-03	0.000116	5.09E-06	0.002611	4.02E-08	0.002732
2323	495361.06	3860001.99	0.05674	0.0612	0.05116	0.06153	1.07E-04	5.4E-06	0.00111	6.9E-08	0.00122	1.31E-04	6.57914E-06	0.001368	3.85E-08	1.51E-03	0.000115	5.06E-06	0.002606	3.97E-08	0.002726
2324	495411.06	3860001.99	0.05653	0.06099	0.05097	0.06151	1.06E-04	5.4E-06	0.00111	6.9E-08	0.00122	1.30E-04	6.55656E-06	0.001363	3.85E-08	1.50E-03	0.000115	5.04E-06	0.002596	3.97E-08	0.002716
2325	495461.06	3860001.99	0.05629	0.06074	0.05083	0.06115	1.06E-04	5.3E-06	0.0011	6.8E-08	0.00122	1.30E-04	6.52969E-06	0.001359	3.82E-08	1.50E-03	0.000114	5.02E-06	0.002589	3.95E-08	0.002708
2326	495511.06	3860001.99	0.05605	0.06048	0.05068	0.06082	1.05E-04	5.3E-06	0.0011	6.8E-08	0.00121	1.29E-04	6.50174E-06	0.001355	3.8E-08	1.49E-03	0.000114	5E-06	0.002581	3.93E-08	0.0027
2327	495561.06	3860001.99	0.05584	0.06026	0.05051	0.06067	1.05E-04	5.3E-06	0.0011	6.8E-08	0.00121	1.29E-04	6.47809E-06	0.001351	3.79E-08	1.49E-03	0.000113	4.98E-06	0.002573	3.92E-08	0.002691
2328	495611.06	3860001.99	0.05558	0.05979	0.0504	0.06017	1.04E-04	5.2E-06	0.00109	6.7E-08	0.0012	1.28E-04	6.42756E-06	0.001348	3.76E-08	1.48E-03	0.000113	4.94E-06	0.002567	3.89E-08	0.002685
2329	495661.06	3860001.99	0.05532	0.05949	0.05027	0.0597	1.04E-04	5.2E-06	0.00109	6.7E-08	0.0012	1.27E-04	6.39531E-06	0.001345	3.73E-08	1.48E-03	0.000112	4.92E-06	0.00256	3.86E-08	0.002678
2330	494411.06	3860051.99	0.06054	0.06513	0.05355	0.06748	1.14E-04	5.7E-06	0.00116	7.5E-08	0.00128	1.39E-04	7.00162E-06	0.001432	4.22E-08	1.58E-03	0.000123	5.39E-06	0.002727	4.36E-08	0.002856
2331	494461.06	3860051.99	0.06029	0.0649	0.05336	0.06709	1.13E-04	5.7E-06	0.00116	7.5E-08	0.00128	1.39E-04	6.9769E-06	0.001427	4.2E-08	1.57E-03	0.000122	5.37E-06	0.002718	4.33E-08	0.002845
2332	494511.06	3860051.99	0.06004	0.06466	0.05316	0.06675	1.13E-04	5.7E-06	0.00115	7.5E-08	0.00127	1.38E-04	6.95109E-06	0.001422	4.17E-08	1.57E-03	0.000122	5.35E-06	0.002707	4.31E-08	0.002835
2333	494561.06	3860051.99	0.05985	0.06443	0.05294	0.06691	1.12E-04	5.7E-06	0.00115	7.5E-08	0.00127	1.38E-04	6.92637E-06	0.001416	4.18E-08	1.56E-03	0.000122	5.33E-06	0.002696	4.32E-08	0.002823
2334	494611.06	3860051.99	0.05961	0.06419	0.05273	0.06676	1.12E-04	5.6E-06	0.00115	7.5E-08	0.00126	1.37E-04	6.90057E-06	0.00141	4.18E-08	1.55E-03	0.000121	5.31E-06	0.002686	4.31E-08	0.002812
2335	494661.06	3860051.99	0.05938	0.06395	0.05253	0.06652	1.12E-04	5.6E-06	0.00114	7.4E-08	0.00126	1.37E-04	6.87477E-06	0.001405	4.16E-08	1.55E-03	0.000121	5.29E-06	0.002675	4.3E-08	0.002801
2336	494711.06	3860051.99	0.0591	0.06372	0.05238	0.06582	1.11E-04	5.6E-06	0.00114	7.4E-08	0.00125	1.36E-04	6.85004E-06	0.001401	4.12E-08	1.54E-03	0.00012	5.27E-06	0.002668	4.25E-08	0.002793
2337	494761.06	3860051.99	0.05887	0.06349	0.05218	0.06563	1.11E-04	5.6E-06	0.00113	7.3E-08	0.00125	1.36E-04	6.82532E-06	0.001396	4.1E-08	1.54E-03	0.00012	5.25E-06	0.002658	4.24E-08	0.002782
2338	494811.06	3860051.99	0.05866	0.06325	0.05197	0.06563	1.10E-04	5.5E-06	0.00113	7.3E-08	0.00124	1.35E-04	6.79952E-06	0.00139	4.1E-08	1.53E-03	0.000119	5.23E-06	0.002647	4.24E-08	0.002771
2339	494861.06	3860051.99	0.05843	0.06301	0.05177	0.06556	1.10E-04	5.5E-06	0.00112	7.3E-08	0.00124	1.35E-04	6.77372E-06	0.001385	4.1E-08	1.53E-03	0.000119	5.21E-06	0.002637	4.23E-08	0.002761
2340	494911.06	3860051.99	0.05817	0.06278	0.05161	0.06502	1.09E-04	5.5E-06	0.00112	7.3E-08	0.00124	1.34E-04	6.74899E-06	0.00138	4.07E-08	1.52E-03	0.000118	5.19E-06	0.002629	4.2E-08	0.002752
2341	494961.06	3860051.99	0.05791	0.06255	0.05146	0.06445	1.09E-04	5.5E-06	0.00112	7.2E-08	0.00123	1.33E-04	6.72427E-06	0.001376	4.03E-08	1.52E-03	0.000118	5.17E-06	0.002621	4.16E-08	0.002744
2342	495011.06	3860051.99	0.05765	0.06232	0.05131	0.06396	1.08E-04	5.5E-06	0.00111	7.1E-08	0.00123	1.33E-04	6.69954E-06	0.001372	4E-08	1.51E-03	0.000117	5.15E-06	0.002613	4.13E-08	0.002735
2343	495061.06	3860051.99	0.0574	0.06208	0.05114	0.0636	1.08E-04	5.4E-06	0.00111	7.1E-08	0.00122	1.32E-04	6.67374E-06	0.001368	3.98E-08	1.51E-03	0.000117	5.13E-06	0.002605	4.11E-08	0.002726
2344	495111.06	3860051.99	0.05714	0.06185	0.05102	0.06305	1.07E-04	5.4E-06	0.00111	7E-08	0.00122	1.32E-04	6.64901E-06	0.001365	3.94E-08	1.50E-03	0.000116	5.11E-06	0.002598	4.07E-08	0.00272
2345	495161.06	3860051.99	0.0569	0.06161	0.05086	0.06271	1.07E-04	5.4E-06	0.0011	7E-08	0.00122	1.31E-04	6.62321E-06	0.00136	3.92E-08	1.50E-03	0.000116	5.1E-06	0.00259	4.05E-08	0.002711
2346	495211.06	3860051.99	0.05665	0.06108	0.05071	0.06228	1.06E-04	5.4E-06	0.0011	7E-08	0.00121	1.30E-04	6.56624E-06	0.001356	3.9E-08	1.49E-03	0.000115	5.05E-06	0.002583	4.02E-08	0.002703
2347	495261.06	3860051.99	0.05642	0.06085	0.05054	0.06205	1.06E-04	5.3E-06	0.0011	6.9E-08	0.00121	1.30E-04	6.54151E-06	0.001352	3.88E-08	1.49E-03	0.000115	5.03E-06	0.002574	4.01E-08	0.002694
2348	495311.06	3860051.99	0.0562	0.06063	0.05037	0.06188	1.06E-04	5.3E-06	0.00109	6.9E-08	0.0012	1.29E-04	6.51786E-06	0.001347	3.87E-08	1.48E-03	0.000114	5.01E-06	0.002565	4E-08	0.002685
2349	495361.06	3860051.99	0.05598	0.06039	0.05022	0.06162	1.05E-04	5.3E-06	0.00109	6.9E-08	0.0012	1.29E-04	6.49206E-06	0.001343	3.85E-08	1.48E-03	0.000114	4.99E-06	0.002558	3.98E-08	0.002676
2350	495411.06	3860051.99	0.05575	0.06015	0.05007	0.0613	1.05E-04	5.3E-06	0.00109	6.8E-08	0.0012	1.28E-04	6.46626E-06	0.001339	3.83E-08	1.47E-03	0.000113	4.97E-06	0.00255	3.96E-08	0.002668
2351	495461.06	3860051.99	0.0555	0.0599	0.04994	0.06093	1.04E-04	5.3E-06	0.00108	6.8E-08	0.00119	1.28E-04	6.43938E-06	0.001336	3.81E-08	1.47E-03	0.000113	4.95E-06	0.002543	3.94E-08	0.002661
2352	495511.06	3860051.99	0.05529	0.05968	0.04978	0.06071	1.04E-04	5.2E-06	0.00108	6.8E-08	0.00119	1.27E-04	6.41573E-06	0.001331	3.8E-08	1.47E-03	0.000112	4.94E-06	0.002535	3.92E-08	0.002653
2353	495561.06	3860051.99	0.05506	0.05944	0.04964	0.0604	1.03E-04	5.2E-06	0.00108	6.7E-08	0.00119	1.27E-04	6.38993E-06	0.001328	3.78E-08	1.46E-03	0.000112	4.92E-06	0.002528	3.9E-08	0.002645
2354	495611.06	3860051.99	0.05483	0.05918	0.04952	0.06001	1.03E-04	5.2E-06	0.00108	6.7E-08	0.00118	1.26E-04	6.36198E-06	0.001324	3.75E-08	1.46E-03	0.000111	4.89E-06	0.002522	3.88E-08	0.002638
2355	495661.06	3860051.99	0.05458	0.05891	0.04942	0.05948	1.03E-04	5.2E-06	0.00107	6.6E-08	0.00118	1.26E-04	6.33296E-06	0.001322	3.72E-08	1.45E-03	0.000111	4.87E-06	0.002517	3.84E-08	0.002633
2356	494411.06	3860101.99	0.05949	0.06398	0.05274	0.06656	1.12E-04	5.6E-06	0.00115	7.4E-08	0.00126	1.37E-04	6.87799E-06	0.001411	4.16E-08	1.55E-03	0.000121	5.29E-06	0.002686	4.3E-08	0.002812
2357	494461.06	3860101.99	0.05929	0.06374	0.05252	0.06663	1.11E-04	5.6E-06	0.00114	7.4E-08	0.00126	1.37E-04	6.85219E-06	0.001405	4.17E-08	1.55E-03	0.00012	5.27E-06	0.002675	4.3E-08	0.002801
2358	494511.06	3860101.99	0.05904	0.06354	0.05235	0.06606	1.11E-04	5.6E-06	0.00114	7.4E-08	0.00125	1.36E-04	6.83069E-06	0.0014	4.13E-08	1.54E-03	0.00012	5.25E-06	0.002666	4.27E-08	0.002791
2359	494561.06	3860101.99	0.05882	0.06331	0.05214	0.06595	1.11E-04	5.6E-06	0.00113	7.4E-08	0.00125	1.35E-04	6.80597E-06	0.001395	4.12E-08	1.54E-03	0.000119	5.24E-06	0.002656	4.26E-08	0.00278
2360	494611.06	3860101.99	0.05862	0.06305	0.05192	0.06607	1.10E-04	5.5E-06	0.00113	7.4E-08	0.00124	1.35E-04	6.77802E-06	0.001389	4.13E-08	1.53E-03	0.000119	5.21E-06	0.002644	4.27E-08	0.002769
2361	494661.06	3860101.99	0.05839	0.06282	0.05171	0.0659	1.10E-04	5.5E-06	0.00112	7.4E-08	0.00124	1.34E-04	6.75329E-06	0.001383	4.12E-08	1.52E-03	0.000119	5.2E-06	0.002634	4.26E-08	0.002757
2362	494711.06	3860101.99	0.05815	0.06262	0.05156	0.06534	1.09E-04	5.5E-06	0.00112	7.3E-08	0.00123	1.34E-04	6.73179E-06	0.001379	4.09E-08	1.52E-03	0.000118	5.18E-06	0.002626	4.22E-08	0.002749
2363	494761.06	3860101.99	0.05792	0.06239	0.05136	0.06513	1.09E-04	5.5E-06	0.00112	7.3E-08	0.00123	1.33E-04	6.70706E-06	0.001374	4.07E-08	1.51E-03	0.000118	5.16E-06	0.002616	4.21E-08	0.002739
2364	494811.06	3860101.99	0.0577	0.06216	0.05117	0.06495	1.08E-04	5.5E-06	0.00111	7.3E-08	0.00123	1.33E-04	6.68234E-06	0.001369	4.06E-08	1.51E-03	0.000117	5.14E-06	0.002606	4.2E-08	0.002728
2365	494861.06	3860101.99	0.05746	0.06186	0.05091	0.0653	1.08E-04	5.4E-06	0.00111	7.3E-08	0.00122	1.32E-04	6.65009E-06	0.001362	4.08E-08	1.50E-03	0.000117	5.12E-06	0.002593	4.22E-08	0.002715
2366	494911.06	3860101.99	0.05723	0.06173	0.05083	0.06418	1.08E-04	5.4E-06	0.0011	7.2E-08	0.00122	1.32E-04	6.63611E-06	0.001359	4.01E-08	1.50E-03	0.000116	5.1E-06	0.002589	4.15E-08	0.00271
2367	494961.06	3860101.99	0.057	0.06151	0.05065	0.06392	1.07E-04	5.4E-06	0.0011	7.1E-08	0.00121	1.31E-04	6.61246E-06	0.001355	4E-08	1.49E-03	0.000116	5.09E-06	0.00258	4.13E-08	0.0027
2368	495011.06	3860101.99	0.05676	0.06129	0.0505	0.06348	1.07E-04	5.4E-06	0.0011	7.1E-08	0.00121	1.31E-04	6.58881E-06	0.001351	3.97E-08	1.49E-03	0.000115	5.07E-06	0.002572	4.1E-08	0.002692
2369	495061.06	3860101.99	0.05652	0.06106	0.05034	0.06306	1.06E-04	5.4E-06	0.00109	7E-08	0.0012	1.30E-04	6.56409E-06	0.001346	3.94E-08	1.48E-03	0.000115	5.05E-06	0.002564	4.07E-08	0.002684
2370	495111.06	3860101.99	0.05627	0.06084	0.0502	0.06252	1.06E-04	5.3E-06	0.00109	7E-08	0.0012	1.30E-04	6.54044E-06	0.001343	3.91E-08	1.48E-03	0.000114	5.03E-06	0.002557	4.04E-08	0.002676
2371	495161.06	3860101.99	0.05605	0.06062	0.05002	0.06232	1.05E-04	5.3E-06	0.00109	7E-08	0.0012	1.29E-04	6.51679E-06	0.001338	3.9E-08	1.47E-03	0.000114	5.01E-06	0.002548	4.03E-08	0.002666
2372	495211.06	3860101.99	0.05582	0.06039	0.04986	0.06199	1.05E-04	5.3E-06	0.00108	6.9E-08	0.00119	1.29E-04	6.49206E-06	0.001334	3.88E-08	1.47E-03	0.000113	4.99E-06	0.002539	4E-08	0.002658
2373	495261.06	3860101.99	0.05559	0.06017	0.04971	0.06166	1.04E-04	5.3E-06	0.00108	6.9E-08	0.00119	1.28E-04	6.46841E-06	0.00133	3.86E-08	1.46E-03	0.000113	4.98E-06	0.002532	3.98E-08	0.00265
2374	495311.06	3860101.99	0.05537	0.05995	0.04955	0.0614	1.04E-04	5.3E-06	0.00108	6.9E-08	0.00119	1.28E-04	6.44476E-06	0.001325	3.84E-08	1.46E-03	0.000112	4.96E-06	0.002524	3.97E-08	0.002641
2375	495361.06	3860101.99	0.05516	0.05973	0.04937	0.06125	1.04E-04	5.2E-06	0.00107	6.8E-08	0.00118	1.27E-04	6.42111E-06	0.00132	3.83E-08	1.45E-03	0.000112	4.94E-06	0.002514	3.96E-08	0.002631

2376	495411.06	3860101.99	0.05493	0.05951	0.04923	0.06092	1.03E-04	5.2E-06	0.00107	6.8E-08	0.00118	1.26E-04	6.39746E-06	0.001317	3.81E-08	1.45E-03	0.000112	4.92E-06	0.002507	3.94E-08	0.002624
2377	495461.06	3860101.99	0.05469	0.05903	0.04912	0.0604	1.03E-04	5.2E-06	0.00107	6.7E-08	0.00117	1.26E-04	6.34586E-06	0.001314	3.78E-08	1.45E-03	0.000111	4.88E-06	0.002502	3.9E-08	0.002618
2378	495511.06	3860101.99	0.05448	0.05882	0.04895	0.06026	1.02E-04	5.2E-06	0.00106	6.7E-08	0.00117	1.25E-04	6.32328E-06	0.001309	3.77E-08	1.44E-03	0.000111	4.86E-06	0.002493	3.89E-08	0.002609
2379	495561.06	3860101.99	0.05427	0.05887	0.04878	0.06011	1.02E-04	5.2E-06	0.00106	6.7E-08	0.00117	1.25E-04	6.32866E-06	0.001305	3.76E-08	1.44E-03	0.00011	4.87E-06	0.002484	3.88E-08	0.002599
2380	495611.06	3860101.99	0.05404	0.05835	0.04868	0.0596	1.02E-04	5.1E-06	0.00106	6.7E-08	0.00116	1.24E-04	6.27276E-06	0.001302	3.73E-08	1.43E-03	0.00011	4.83E-06	0.002479	3.85E-08	0.002594
2381	495661.06	3860101.99	0.05382	0.05812	0.04854	0.05931	1.01E-04	5.1E-06	0.00105	6.6E-08	0.00116	1.24E-04	6.24803E-06	0.001298	3.71E-08	1.43E-03	0.000109	4.81E-06	0.002472	3.83E-08	0.002586
2382	494861.06	3860151.99	0.05648	0.06068	0.05006	0.06487	1.06E-04	5.3E-06	0.00109	7.2E-08	0.0012	1.30E-04	6.52324E-06	0.001339	4.06E-08	1.48E-03	0.000115	5.02E-06	0.00255	4.19E-08	0.002669
2383	494911.06	3860151.99	0.05629	0.06064	0.05003	0.06378	1.06E-04	5.3E-06	0.00109	7.1E-08	0.0012	1.30E-04	6.51894E-06	0.001338	3.99E-08	1.47E-03	0.000114	5.01E-06	0.002548	4.12E-08	0.002667
2384	494961.06	3860151.99	0.05608	0.06045	0.04987	0.0634	1.05E-04	5.3E-06	0.00108	7.1E-08	0.00119	1.29E-04	6.49851E-06	0.001334	3.97E-08	1.47E-03	0.000114	5E-06	0.00254	4.1E-08	0.002659
2385	495011.06	3860151.99	0.05586	0.06025	0.04971	0.06298	1.05E-04	5.3E-06	0.00108	7E-08	0.00119	1.29E-04	6.47701E-06	0.00133	3.94E-08	1.46E-03	0.000113	4.98E-06	0.002532	4.07E-08	0.00265
2386	495061.06	3860151.99	0.05564	0.06005	0.04955	0.06256	1.05E-04	5.3E-06	0.00108	7E-08	0.00119	1.28E-04	6.45551E-06	0.001325	3.91E-08	1.46E-03	0.000113	4.97E-06	0.002524	4.04E-08	0.002642
2387	495111.06	3860151.99	0.05542	0.05984	0.04939	0.06223	1.04E-04	5.2E-06	0.00107	7E-08	0.00118	1.28E-04	6.43293E-06	0.001321	3.89E-08	1.46E-03	0.000113	4.95E-06	0.002515	4.02E-08	0.002633
2388	495161.06	3860151.99	0.0552	0.05963	0.04923	0.06195	1.04E-04	5.2E-06	0.00107	6.9E-08	0.00118	1.27E-04	6.41036E-06	0.001317	3.87E-08	1.45E-03	0.000112	4.93E-06	0.002507	4E-08	0.002624
2389	495211.06	3860151.99	0.05498	0.05942	0.04907	0.0616	1.03E-04	5.2E-06	0.00107	6.9E-08	0.00117	1.27E-04	6.38778E-06	0.001312	3.85E-08	1.45E-03	0.000112	4.91E-06	0.002499	3.98E-08	0.002616
2390	495261.06	3860151.99	0.05477	0.05921	0.04891	0.06134	1.03E-04	5.2E-06	0.00106	6.9E-08	0.00117	1.26E-04	6.36521E-06	0.001308	3.84E-08	1.44E-03	0.000111	4.9E-06	0.002491	3.96E-08	0.002607
2391	495311.06	3860151.99	0.05455	0.05899	0.04875	0.06108	1.03E-04	5.2E-06	0.00106	6.8E-08	0.00117	1.26E-04	6.34156E-06	0.001304	3.82E-08	1.44E-03	0.000111	4.88E-06	0.002483	3.95E-08	0.002599
2392	495361.06	3860151.99	0.05434	0.05878	0.04859	0.06084	1.02E-04	5.2E-06	0.00106	6.8E-08	0.00116	1.25E-04	6.31898E-06	0.0013	3.81E-08	1.43E-03	0.00011	4.86E-06	0.002475	3.93E-08	0.00259
2393	495411.06	3860151.99	0.05412	0.05857	0.04844	0.06054	1.02E-04	5.1E-06	0.00105	6.8E-08	0.00116	1.25E-04	6.29641E-06	0.001296	3.79E-08	1.43E-03	0.00011	4.84E-06	0.002467	3.91E-08	0.002582
2394	495461.06	3860151.99	0.05391	0.05836	0.04829	0.06025	1.01E-04	5.1E-06	0.00105	6.7E-08	0.00116	1.24E-04	6.27383E-06	0.001292	3.77E-08	1.42E-03	0.000109	4.83E-06	0.002459	3.89E-08	0.002574
2395	495511.06	3860151.99	0.05369	0.05815	0.04815	0.05989	1.01E-04	5.1E-06	0.00105	6.7E-08	0.00115	1.24E-04	6.25126E-06	0.001288	3.75E-08	1.42E-03	0.000109	4.81E-06	0.002452	3.87E-08	0.002566
2396	495561.06	3860151.99	0.05348	0.05794	0.04799	0.05966	1.00E-04	5.1E-06	0.00104	6.7E-08	0.00115	1.23E-04	6.22868E-06	0.001284	3.73E-08	1.41E-03	0.000109	4.79E-06	0.002444	3.85E-08	0.002558
2397	495611.06	3860151.99	0.05326	0.05774	0.04786	0.05931	1.00E-04	5.1E-06	0.00104	6.6E-08	0.00114	1.23E-04	6.20718E-06	0.00128	3.71E-08	1.41E-03	0.000108	4.78E-06	0.002438	3.83E-08	0.00255
2398	495661.06	3860151.99	0.05304	0.05753	0.04774	0.05892	9.97E-05	5E-06	0.00104	6.6E-08	0.00114	1.22E-04	6.1846E-06	0.001277	3.69E-08	1.41E-03	0.000108	4.76E-06	0.002431	3.81E-08	0.002544
2399	495718.25	3859442.96	0.05864	0.06524	0.05557	0.05651	1.10E-04	5.7E-06	0.00121	6.3E-08	0.00132	1.35E-04	7.01345E-06	0.001486	3.53E-08	1.63E-03	0.000119	5.4E-06	0.00283	3.65E-08	0.002955
2400	495818.25	3859442.96	0.05767	0.06428	0.05481	0.05543	1.08E-04	5.6E-06	0.00119	6.2E-08	0.0013	1.33E-04	6.91024E-06	0.001466	3.47E-08	1.61E-03	0.000117	5.32E-06	0.002792	3.58E-08	0.002914
2401	495918.25	3859442.96	0.05696	0.06359	0.05426	0.05474	1.07E-04	5.6E-06	0.00118	6.1E-08	0.00129	1.31E-04	6.83607E-06	0.001451	3.42E-08	1.59E-03	0.000116	5.26E-06	0.002763	3.54E-08	0.002884
2402	496018.25	3859442.96	0.05635	0.06302	0.0538	0.05419	1.06E-04	5.5E-06	0.00117	6.1E-08	0.00128	1.30E-04	6.77479E-06	0.001439	3.39E-08	1.58E-03	0.000114	5.21E-06	0.00274	3.5E-08	0.00286
2403	496118.25	3859442.96	0.05655	0.06335	0.054	0.05485	1.06E-04	5.6E-06	0.00117	6.1E-08	0.00128	1.30E-04	6.81027E-06	0.001444	3.43E-08	1.58E-03	0.000115	5.24E-06	0.00275	3.54E-08	0.00287
2404	496218.25	3859442.96	0.05661	0.0635	0.05409	0.05533	1.06E-04	5.6E-06	0.00117	6.2E-08	0.00129	1.30E-04	6.82639E-06	0.001447	3.46E-08	1.58E-03	0.000115	5.25E-06	0.002755	3.57E-08	0.002875
2405	496318.25	3859442.96	0.05608	0.06299	0.0537	0.05486	1.05E-04	5.5E-06	0.00117	6.1E-08	0.00128	1.29E-04	6.77157E-06	0.001436	3.43E-08	1.57E-03	0.000114	5.21E-06	0.002735	3.54E-08	0.002854
2406	496418.25	3859442.96	0.05551	0.06241	0.05328	0.05432	1.04E-04	5.5E-06	0.00116	6.1E-08	0.00127	1.28E-04	6.70921E-06	0.001425	3.4E-08	1.56E-03	0.000113	5.16E-06	0.002714	3.51E-08	0.002831
2407	495718.25	3859542.96	0.05875	0.06462	0.05523	0.05758	1.10E-04	5.7E-06	0.0012	6.4E-08	0.00132	1.35E-04	6.94679E-06	0.001477	3.6E-08	1.62E-03	0.000119	5.34E-06	0.002813	3.72E-08	0.002938
2408	495818.25	3859542.96	0.05806	0.06399	0.0547	0.05685	1.09E-04	5.6E-06	0.00119	6.4E-08	0.0013	1.34E-04	6.87907E-06	0.001463	3.56E-08	1.60E-03	0.000118	5.29E-06	0.002786	3.67E-08	0.002909
2409	495918.25	3859542.96	0.05723	0.06321	0.05406	0.05589	1.08E-04	5.5E-06	0.00117	6.2E-08	0.00129	1.32E-04	6.79522E-06	0.001446	3.5E-08	1.58E-03	0.000116	5.23E-06	0.002753	3.61E-08	0.002875
2410	496018.25	3859542.96	0.05652	0.06256	0.05351	0.05513	1.06E-04	5.5E-06	0.00116	6.2E-08	0.00127	1.30E-04	6.72534E-06	0.001431	3.45E-08	1.57E-03	0.000115	5.17E-06	0.002725	3.56E-08	0.002845
2411	496118.25	3859542.96	0.05661	0.06277	0.05357	0.05574	1.06E-04	5.5E-06	0.00116	6.2E-08	0.00128	1.30E-04	6.74792E-06	0.001433	3.49E-08	1.57E-03	0.000115	5.19E-06	0.002728	3.6E-08	0.002849
2412	496218.25	3859542.96	0.05647	0.06273	0.05346	0.05598	1.06E-04	5.5E-06	0.00116	6.3E-08	0.00127	1.30E-04	6.74362E-06	0.00143	3.5E-08	1.57E-03	0.000115	5.19E-06	0.002723	3.62E-08	0.002843
2413	496318.25	3859542.96	0.05619	0.06253	0.05325	0.05596	1.06E-04	5.5E-06	0.00116	6.3E-08	0.00127	1.29E-04	6.72212E-06	0.001424	3.5E-08	1.56E-03	0.000114	5.17E-06	0.002712	3.61E-08	0.002831
2414	496418.25	3859542.96	0.05548	0.06185	0.05272	0.05513	1.04E-04	5.4E-06	0.00114	6.2E-08	0.00125	1.28E-04	6.64901E-06	0.00141	3.45E-08	1.54E-03	0.000113	5.11E-06	0.002685	3.56E-08	0.002803
2415	495718.25	3859642.96	0.05834	0.06352	0.05451	0.05818	1.10E-04	5.6E-06	0.00118	6.5E-08	0.0013	1.34E-04	6.82854E-06	0.001458	3.64E-08	1.60E-03	0.000118	5.25E-06	0.002776	3.76E-08	0.0029
2416	495818.25	3859642.96	0.05761	0.06283	0.05394	0.05727	1.08E-04	5.5E-06	0.00117	6.4E-08	0.00129	1.33E-04	6.75437E-06	0.001443	3.58E-08	1.58E-03	0.000117	5.2E-06	0.002747	3.7E-08	0.002869
2417	495918.25	3859642.96	0.05709	0.06236	0.05352	0.05678	1.07E-04	5.5E-06	0.00116	6.3E-08	0.00128	1.31E-04	6.70384E-06	0.001431	3.55E-08	1.57E-03	0.000116	5.16E-06	0.002726	3.67E-08	0.002847
2418	496018.25	3859642.96	0.05642	0.06175	0.053	0.05601	1.06E-04	5.4E-06	0.00115	6.3E-08	0.00126	1.30E-04	6.63826E-06	0.001418	3.5E-08	1.55E-03	0.000115	5.11E-06	0.002699	3.62E-08	0.002819
2419	496118.25	3859642.96	0.05652	0.06196	0.05301	0.05679	1.06E-04	5.4E-06	0.00115	6.3E-08	0.00126	1.30E-04	6.66084E-06	0.001418	3.55E-08	1.55E-03	0.000115	5.12E-06	0.0027	3.67E-08	0.00282
2420	496218.25	3859642.96	0.0564	0.06192	0.05287	0.05715	1.06E-04	5.4E-06	0.00115	6.4E-08	0.00126	1.30E-04	6.65654E-06	0.001414	3.57E-08	1.55E-03	0.000115	5.12E-06	0.002693	3.69E-08	0.002812
2421	496318.25	3859642.96	0.05584	0.06143	0.05244	0.05655	1.05E-04	5.4E-06	0.00114	6.3E-08	0.00125	1.29E-04	6.60386E-06	0.001403	3.54E-08	1.54E-03	0.000113	5.08E-06	0.002671	3.65E-08	0.002789
2422	496418.25	3859642.96	0.05419	0.05979	0.05127	0.05379	1.02E-04	5.2E-06	0.00111	6E-08	0.00122	1.25E-04	6.42756E-06	0.001371	3.36E-08	1.50E-03	0.00011	4.94E-06	0.002611	3.47E-08	0.002726
2423	495718.25	3859742.96	0.05792	0.06257	0.05369	0.05923	1.09E-04	5.5E-06	0.00117	6.6E-08	0.00128	1.33E-04	6.72642E-06	0.001436	3.7E-08	1.58E-03	0.000118	5.17E-06	0.002734	3.83E-08	0.002857
2424	495818.25	3859742.96	0.05717	0.06184	0.05316	0.05812	1.07E-04	5.4E-06	0.00115	6.5E-08	0.00127	1.32E-04	6.64794E-06	0.001422	3.64E-08	1.56E-03	0.000116	5.11E-06	0.002707	3.75E-08	0.002829
2425	495918.25	3859742.96	0.05657	0.06126	0.0527	0.05739	1.06E-04	5.4E-06	0.00114	6.4E-08	0.00126	1.30E-04	6.58559E-06	0.001409	3.59E-08	1.55E-03	0.000115	5.07E-06	0.002684	3.71E-08	0.002804
2426	496018.25	3859742.96	0.05593	0.06066	0.05221	0.05657	1.05E-04	5.3E-06	0.00113	6.3E-08	0.00124	1.29E-04	6.52109E-06	0.001396	3.54E-08	1.53E-03	0.000114	5.02E-06	0.002659	3.65E-08	0.002778
2427	496118.25	3859742.96	0.05587	0.06064	0.05206	0.0571	1.05E-04	5.3E-06	0.00113	6.4E-08	0.00124	1.29E-04	6.51894E-06	0.001392	3.57E-08	1.53E-03	0.000113	5.01E-06	0.002651	3.69E-08	0.00277
2428	496218.25	3859742.96	0.05588	0.06071	0.05195	0.05788	1.05E-04	5.3E-06	0.00113	6.5E-08	0.00124	1.29E-04	6.52646E-06	0.001389	3.62E-08	1.52E-03	0.000113	5.02E-06	0.002646	3.74E-08	0.002764
2429	496318.25	3859742.96	0.05467	0.05954	0.05116	0.0556	1.03E-04	5.2E-06	0.00111	6.2E-08	0.00122	1.26E-04	6.40068E-06	0.001368	3.48E-08	1.50E-03	0.000111	4.92E-06	0.002606	3.59E-08	0.002722
2430	496418.25	3859742.96	0.0535	0.05843	0.05036	0.05361	1.01E-04	5.1E-06	0.00109	6E-08	0.0012	1.23E-04	6.28136E-06	0.001347	3.35E-08	1.48E-03	0.000109	4.83E-06	0.002565	3.46E-08	0.002678
2431	495718.25	3859842.96	0.05702	0.06134	0.05249	0.05958	1.07E-04	5.4E-06	0.00114	6.7E-08	0.00125	1.31E-04	6.59419E-06	0.001404	3.73E-08	1.54E-03	0.000116	5.07E-06	0.002673	3.85E-08	0.002794
2432	495818.25	3859842.96	0.05646	0.06076	0.05209	0.05884	1.06E-04	5.3E-06	0.00113	6.6E-08	0.00124	1.30E-04	6.53184E-06	0.001393	3.68E-08	1.53E-03	0.000115	5.02E-06	0.002653	3.8E-08	0.002773
2433	495918.25	3859842.96	0.05589	0.06018	0.05169	0.05805	1.05E-04	5.3E-06	0.00112	6.5E-08	0.00123	1.29E-04	6.46948E-06	0.001382	3.63E-08	1.52E-03	0.000113	4.98E-06	0.002633	3.75E-08	0.002751
2434	496018.25	3859842.96	0.05547	0.05976	0.05133	0.05771	1.04E-04	5.2E-06	0.00111	6.4E-08	0.00122	1.28E-04	6.42433E-06	0.001373	3.61E-08	1.51E-03	0.000113	4.94E-06	0.002614	3.73E-08	0.002732
2435	496118.25	3859842.96	0.05543	0.05979	0.05113	0.0586	1.04E-04	5.2E-06	0.00111	6.5E-08	0.00122	1.28E-04	6.42756E-06	0.001368	3.67E-08	1.50E-03	0.000113	4.94E-06	0.002604	3.79E-08	0.002722
2436	496218.25	3859842.96	0.05448	0.0588	0.05057	0.05658	1.02E-04	5.2E-06	0.0011	6.3E-08	0.00121	1.25E-04	6.32113E-06	0.001353	3.54E-08	1.48E-03	0.000111	4.86E-06	0.002576	3.65E-08	0.002691

2437	496318.25	3859842.96	0.05253	0.05683	0.04936	0.05246	9.87E-05	5E-06	0.00107	5.9E-08	0.00118	1.21E-04	6.10935E-06	0.00132	3.28E-08	1.45E-03	0.000107	4.7E-06	0.002514	3.39E-08	0.002625
2438	496418.25	3859842.96	0.05101	0.05526	0.04825	0.0499	9.59E-05	4.8E-06	0.00105	5.6E-08	0.00115	1.17E-04	5.94057E-06	0.00129	3.12E-08	1.41E-03	0.000104	4.57E-06	0.002457	3.22E-08	0.002566
2439	495718.25	3859942.96	0.05585	0.06001	0.05106	0.05949	1.05E-04	5.3E-06	0.00111	6.6E-08	0.00122	1.29E-04	6.45121E-06	0.001366	3.72E-08	1.50E-03	0.000113	4.96E-06	0.002601	3.84E-08	0.002719
2440	495818.25	3859942.96	0.05531	0.05943	0.05072	0.0587	1.04E-04	5.2E-06	0.0011	6.6E-08	0.00121	1.27E-04	6.38886E-06	0.001357	3.67E-08	1.49E-03	0.000112	4.91E-06	0.002583	3.79E-08	0.0027
2441	495918.25	3859942.96	0.05487	0.05895	0.05038	0.05823	1.03E-04	5.2E-06	0.00109	6.5E-08	0.0012	1.26E-04	6.33726E-06	0.001347	3.64E-08	1.48E-03	0.000111	4.88E-06	0.002566	3.76E-08	0.002682
2442	496018.25	3859942.96	0.05462	0.05871	0.05006	0.05856	1.03E-04	5.2E-06	0.00109	6.5E-08	0.00119	1.26E-04	6.31146E-06	0.001339	3.66E-08	1.47E-03	0.000111	4.86E-06	0.00255	3.78E-08	0.002665
2443	496118.25	3859942.96	0.05394	0.05798	0.04971	0.05711	1.01E-04	5.1E-06	0.00108	6.4E-08	0.00119	1.24E-04	6.23298E-06	0.00133	3.57E-08	1.46E-03	0.00011	4.79E-06	0.002532	3.69E-08	0.002646
2444	496218.25	3859942.96	0.05286	0.05686	0.04916	0.0546	9.93E-05	5E-06	0.00107	6.1E-08	0.00117	1.22E-04	6.11258E-06	0.001315	3.41E-08	1.44E-03	0.000107	4.7E-06	0.002504	3.53E-08	0.002616
2445	496318.25	3859942.96	0.05159	0.05557	0.04837	0.05198	9.69E-05	4.9E-06	0.00105	5.8E-08	0.00115	1.19E-04	5.9739E-06	0.001294	3.25E-08	1.42E-03	0.000105	4.6E-06	0.002464	3.36E-08	0.002573
2446	496418.25	3859942.96	0.04967	0.05359	0.04705	0.04844	9.33E-05	4.7E-06	0.00102	5.4E-08	0.00112	1.14E-04	5.76105E-06	0.001258	3.03E-08	1.38E-03	0.000101	4.43E-06	0.002396	3.13E-08	0.002502
2447	496856.82	3858864.83	0.04942	0.05431	0.04939	0.04625	9.29E-05	4.8E-06	0.00107	5.2E-08	0.00117	1.14E-04	5.83845E-06	0.001321	2.89E-08	1.44E-03	0.0001	4.49E-06	0.002515	2.99E-08	0.00262
2448	496956.82	3858864.83	0.0487	0.0534	0.04873	0.0456	9.15E-05	4.7E-06	0.00106	5.1E-08	0.00115	1.12E-04	5.74062E-06	0.001303	2.85E-08	1.42E-03	9.89E-05	4.42E-06	0.002482	2.95E-08	0.002585
2449	497056.82	3858864.83	0.04802	0.05253	0.04811	0.04498	9.02E-05	4.6E-06	0.00104	5E-08	0.00114	1.11E-04	5.64709E-06	0.001287	2.81E-08	1.40E-03	9.75E-05	4.34E-06	0.00245	2.91E-08	0.002552
2450	497156.82	3858864.83	0.04715	0.05144	0.04729	0.04419	8.86E-05	4.5E-06	0.00103	4.9E-08	0.00112	1.09E-04	5.52992E-06	0.001265	2.76E-08	1.38E-03	9.57E-05	4.25E-06	0.002409	2.85E-08	0.002509
2451	497256.82	3858864.83	0.0469	0.05107	0.0471	0.04397	8.81E-05	4.5E-06	0.00102	4.9E-08	0.00112	1.08E-04	5.49014E-06	0.00126	2.75E-08	1.37E-03	9.52E-05	4.22E-06	0.002399	2.84E-08	0.002498
2452	496856.82	3858964.83	0.0504	0.05582	0.05018	0.04717	9.47E-05	4.9E-06	0.00109	5.3E-08	0.00119	1.16E-04	6.00078E-06	0.001342	2.95E-08	1.46E-03	0.000102	4.62E-06	0.002556	3.05E-08	0.002663
2453	496956.82	3858964.83	0.04937	0.05456	0.04922	0.0462	9.28E-05	4.8E-06	0.00107	5.2E-08	0.00117	1.14E-04	5.86532E-06	0.001316	2.89E-08	1.44E-03	0.0001	4.51E-06	0.002507	2.98E-08	0.002612
2454	497056.82	3858964.83	0.0486	0.05361	0.04851	0.04549	9.13E-05	4.7E-06	0.00105	5.1E-08	0.00115	1.12E-04	5.7632E-06	0.001297	2.85E-08	1.42E-03	9.87E-05	4.43E-06	0.002471	2.94E-08	0.002574
2455	497156.82	3858964.83	0.04782	0.05264	0.04779	0.04473	8.99E-05	4.6E-06	0.00104	5E-08	0.00113	1.10E-04	5.65892E-06	0.001278	2.8E-08	1.39E-03	9.71E-05	4.35E-06	0.002434	2.89E-08	0.002535
2456	497256.82	3858964.83	0.04821	0.05302	0.04823	0.04518	9.06E-05	4.7E-06	0.00105	5E-08	0.00114	1.11E-04	5.69977E-06	0.00129	2.83E-08	1.41E-03	9.79E-05	4.38E-06	0.002456	2.92E-08	0.002559
2457	496856.82	3859064.83	0.05061	0.0563	0.05021	0.04743	9.51E-05	4.9E-06	0.00109	5.3E-08	0.00119	1.17E-04	6.05238E-06	0.001343	2.97E-08	1.47E-03	0.000103	4.66E-06	0.002557	3.06E-08	0.002665
2458	496956.82	3859064.83	0.0498	0.0553	0.04946	0.04665	9.36E-05	4.9E-06	0.00107	5.2E-08	0.00117	1.15E-04	5.94487E-06	0.001323	2.92E-08	1.44E-03	0.000101	4.57E-06	0.002519	3.01E-08	0.002625
2459	497056.82	3859064.83	0.04914	0.05449	0.04887	0.04603	9.23E-05	4.8E-06	0.00106	5.1E-08	0.00116	1.13E-04	5.8578E-06	0.001307	2.88E-08	1.43E-03	9.98E-05	4.51E-06	0.002489	2.97E-08	0.002593
2460	497156.82	3859064.83	0.04857	0.05379	0.04836	0.0455	9.13E-05	4.7E-06	0.00105	5.1E-08	0.00115	1.12E-04	5.78255E-06	0.001293	2.85E-08	1.41E-03	9.86E-05	4.45E-06	0.002463	2.94E-08	0.002566
2461	497256.82	3859064.83	0.04934	0.05463	0.04915	0.04635	9.27E-05	4.8E-06	0.00107	5.2E-08	0.00116	1.14E-04	5.87285E-06	0.001315	2.9E-08	1.43E-03	0.0001	4.52E-06	0.002503	2.99E-08	0.002608
2462	496856.82	3859164.83	0.05027	0.0561	0.04969	0.04719	9.45E-05	4.9E-06	0.00108	5.3E-08	0.00118	1.16E-04	6.03088E-06	0.001329	2.95E-08	1.45E-03	0.000102	4.64E-06	0.002531	3.05E-08	0.002637
2463	496956.82	3859164.83	0.04941	0.05505	0.04891	0.04634	9.29E-05	4.8E-06	0.00106	5.2E-08	0.00116	1.14E-04	5.918E-06	0.001308	2.9E-08	1.43E-03	0.0001	4.55E-06	0.002491	2.99E-08	0.002596
2464	497056.82	3859164.83	0.04908	0.05462	0.04863	0.04605	9.22E-05	4.8E-06	0.00106	5.1E-08	0.00115	1.13E-04	5.87177E-06	0.001301	2.88E-08	1.42E-03	9.97E-05	4.52E-06	0.002477	2.97E-08	0.002581
2465	497156.82	3859164.83	0.04933	0.05487	0.04892	0.04639	9.27E-05	4.8E-06	0.00106	5.2E-08	0.00116	1.14E-04	5.89865E-06	0.001308	2.9E-08	1.43E-03	0.0001	4.54E-06	0.002492	3E-08	0.002596
2466	497256.82	3859164.83	0.05028	0.05591	0.04985	0.04754	9.45E-05	4.9E-06	0.00108	5.3E-08	0.00118	1.16E-04	6.01045E-06	0.001333	2.97E-08	1.46E-03	0.000102	4.62E-06	0.002539	3.07E-08	0.002646
2467	496856.82	3859264.83	0.04956	0.05552	0.04882	0.04659	9.31E-05	4.9E-06	0.00106	5.2E-08	0.00116	1.14E-04	5.96852E-06	0.001306	2.91E-08	1.43E-03	0.000101	4.59E-06	0.002486	3.01E-08	0.002592
2468	496956.82	3859264.83	0.04944	0.05532	0.04875	0.04654	9.29E-05	4.9E-06	0.00106	5.2E-08	0.00116	1.14E-04	5.94702E-06	0.001304	2.91E-08	1.42E-03	0.0001	4.57E-06	0.002483	3.01E-08	0.002588
2469	497056.82	3859264.83	0.04975	0.05562	0.04908	0.04698	9.35E-05	4.9E-06	0.00107	5.2E-08	0.00116	1.15E-04	5.97927E-06	0.001313	2.94E-08	1.43E-03	0.000101	4.6E-06	0.0025	3.03E-08	0.002605
2470	497156.82	3859264.83	0.04995	0.05579	0.0493	0.04738	9.39E-05	4.9E-06	0.00107	5.3E-08	0.00117	1.15E-04	5.99755E-06	0.001319	2.96E-08	1.44E-03	0.000101	4.61E-06	0.002511	3.06E-08	0.002617
2471	497256.82	3859264.83	0.05065	0.05654	0.04997	0.04836	9.52E-05	5E-06	0.00109	5.4E-08	0.00119	1.17E-04	6.07818E-06	0.001336	3.02E-08	1.46E-03	0.000103	4.68E-06	0.002545	3.12E-08	0.002653
2472	497088.92	3858620.93	0.04524	0.04813	0.0458	0.04292	8.50E-05	4.2E-06	0.00099	4.8E-08	0.00108	1.04E-04	5.17408E-06	0.001225	2.68E-08	1.33E-03	9.19E-05	3.98E-06	0.002333	2.77E-08	0.002428
2473	497138.92	3858620.93	0.04518	0.04803	0.04576	0.04285	8.49E-05	4.2E-06	0.00099	4.8E-08	0.00108	1.04E-04	5.16333E-06	0.001224	2.68E-08	1.33E-03	9.17E-05	3.97E-06	0.002331	2.77E-08	0.002426
2474	497188.92	3858620.93	0.04481	0.04758	0.04523	0.04248	8.42E-05	4.2E-06	0.00098	4.7E-08	0.00107	1.03E-04	5.11496E-06	0.00121	2.66E-08	1.32E-03	9.1E-05	3.93E-06	0.002304	2.74E-08	0.002399
2475	497238.92	3858620.93	0.04459	0.0473	0.04503	0.04226	8.38E-05	4.1E-06	0.00098	4.7E-08	0.00107	1.03E-04	5.08486E-06	0.001204	2.64E-08	1.31E-03	9.05E-05	3.91E-06	0.002293	2.73E-08	0.002388
2476	497088.92	3858670.93	0.04522	0.04831	0.04555	0.04279	8.50E-05	4.2E-06	0.00099	4.8E-08	0.00108	1.04E-04	5.19343E-06	0.001218	2.68E-08	1.33E-03	9.18E-05	4E-06	0.00232	2.76E-08	0.002416
2477	497138.92	3858670.93	0.04541	0.04847	0.04577	0.04293	8.53E-05	4.3E-06	0.00099	4.8E-08	0.00108	1.05E-04	5.21063E-06	0.001224	2.69E-08	1.33E-03	9.22E-05	4.01E-06	0.002331	2.77E-08	0.002427
2478	497188.92	3858670.93	0.04501	0.04799	0.04539	0.04257	8.46E-05	4.2E-06	0.00099	4.8E-08	0.00107	1.04E-04	5.15903E-06	0.001214	2.66E-08	1.32E-03	9.14E-05	3.97E-06	0.002312	2.75E-08	0.002407
2479	497238.92	3858670.93	0.04493	0.04787	0.04534	0.04249	8.44E-05	4.2E-06	0.00098	4.7E-08	0.00107	1.03E-04	5.14613E-06	0.001213	2.66E-08	1.32E-03	9.12E-05	3.96E-06	0.002309	2.74E-08	0.002404
2480	497088.92	3858720.93	0.04617	0.04964	0.04647	0.04352	8.68E-05	4.4E-06	0.00101	4.9E-08	0.0011	1.06E-04	5.33641E-06	0.001243	2.72E-08	1.35E-03	9.37E-05	4.11E-06	0.002367	2.81E-08	0.002465
2481	497138.92	3858720.93	0.04508	0.04835	0.04538	0.04257	8.47E-05	4.2E-06	0.00099	4.8E-08	0.00107	1.04E-04	5.19773E-06	0.001214	2.66E-08	1.32E-03	9.15E-05	4E-06	0.002311	2.75E-08	0.002407
2482	497188.92	3858720.93	0.04484	0.04804	0.04516	0.04235	8.43E-05	4.2E-06	0.00098	4.7E-08	0.00107	1.03E-04	5.16441E-06	0.001208	2.65E-08	1.32E-03	9.1E-05	3.97E-06	0.0023	2.74E-08	0.002395
2483	497238.92	3858720.93	0.0454	0.04864	0.04577	0.04281	8.53E-05	4.3E-06	0.00099	4.8E-08	0.00108	1.05E-04	5.22891E-06	0.001224	2.68E-08	1.33E-03	9.22E-05	4.02E-06	0.002331	2.77E-08	0.002427
2484	497088.92	3858770.93	0.04639	0.05016	0.04662	0.04363	8.72E-05	4.4E-06	0.00101	4.9E-08	0.0011	1.07E-04	5.39231E-06	0.001247	2.73E-08	1.36E-03	9.42E-05	4.15E-06	0.002374	2.82E-08	0.002473
2485	497138.92	3858770.93	0.04593	0.04958	0.04618	0.04322	8.63E-05	4.3E-06	0.001	4.8E-08	0.00109	1.06E-04	5.32996E-06	0.001235	2.7E-08	1.35E-03	9.33E-05	4.1E-06	0.002352	2.79E-08	0.002449
2486	497188.92	3858770.93	0.04563	0.04922	0.04604	0.04295	8.57E-05	4.3E-06	0.001	4.8E-08	0.00109	1.05E-04	5.29126E-06	0.001231	2.69E-08	1.34E-03	9.26E-05	4.07E-06	0.002345	2.77E-08	0.002442
2487	497238.92	3858770.93	0.04588	0.04943	0.0462	0.04316	8.62E-05	4.3E-06	0.001	4.8E-08	0.00109	1.06E-04	5.31384E-06	0.001236	2.7E-08	1.35E-03	9.32E-05	4.09E-06	0.002353	2.79E-08	0.00245
2488	497396.65	3858622.63	0.04632	0.04912	0.04691	0.0437	8.70E-05	4.3E-06	0.00102	4.9E-08	0.00111	1.07E-04	5.28051E-06	0.001255	2.73E-08	1.37E-03	9.4E-05	4.06E-06	0.002389	2.82E-08	0.002487
2489	497496.65	3858622.63	0.04725	0.05009	0.04792	0.04451	8.88E-05	4.4E-06	0.00104	5E-08	0.00113	1.09E-04	5.38479E-06	0.001282	2.78E-08	1.40E-03	9.59E-05	4.14E-06	0.002441	2.88E-08	0.002541
2490	497596.65	3858622.63	0.04902	0.05203	0.04985	0.04611	9.21E-05	4.6E-06	0.00108	5.2E-08	0.00118	1.13E-04	5.59334E-06	0.001333	2.88E-08	1.45E-03	9.95E-05	4.3E-06	0.002539	2.98E-08	0.002643
2491	497696.65	3858622.63	0.04942	0.05243	0.05022	0.04657	9.29E-05	4.6E-06	0.00109	5.2E-08	0.00119	1.14E-04	5.63634E-06	0.001343	2.91E-08	1.46E-03	0.0001	4.34E-06	0.002558	3.01E-08	0.002662
2492	497796.65	3858622.63	0.05042	0.05352	0.05125	0.04762	9.47E-05	4.7E-06	0.00111	5.3E-08	0.00121	1.16E-04	5.75352E-06	0.001371	2.98E-08	1.49E-03	0.000102	4.43E-06	0.00261	3.08E-08	0.002717
2493	497896.65	3858622.63	0.0514	0.0546	0.05224	0.04869	9.66E-05	4.8E-06	0.00113	5.4E-08	0.00124	1.18E-04	5.86962E-06	0.001397	3.05E-08	1.52E-03	0.000104	4.52E-06	0.002661	3.15E-08	0.00277
2494	497396.65	3858722.63	0.04741	0.05076	0.04793	0.0446	8.91E-05	4.5E-06	0.00104	5E-08	0.00113	1.09E-04	5.45681E-06	0.001282	2.79E-08	1.40E-03	9.63E-05	4.2E-06	0.002441	2.88E-08	0.002542
2495	497496.65	3858722.63	0.04832	0.0517	0.04891	0.04545	9.08E-05	4.5E-06	0.00106	5.1E-08	0.00116	1.11E-04	5.55787E-06	0.001308	2.84E-08	1.42E-03	9.81E-05	4.28E-06	0.002491	2.94E-08	0.002593
2496	497596.65	3858722.63	0.04989	0.0534	0.05054	0.04704	9.38E-05	4.7E-06	0.0011	5.3E-08	0.0012	1.15E-04	5.74062E-06	0.001352	2.94E-08	1.47E-03	0.000101	4.42E-06	0.002574	3.04E-08	0.00268
2497	497696.65	3858722.63	0.05071	0.05425	0.0514	0.04793	9.53E-05	4.8E-06	0.00112	5.4E-08	0.00122	1.17E-04	5.832E-06	0.001375	3E-08	1.50E-03	0.000103	4.49E-06	0.002618	3.1E-08	0.002725

2498	497796.65	3858722.63	0.05107	0.0546	0.05179	0.04839	9.60E-05	4.8E-06	0.00112	5.4E-08	0.00123	1.18E-04	5.86962E-06	0.001385	3.03E-08	1.51E-03	0.000104	4.52E-06	0.002638	3.13E-08	0.002746
2499	497896.65	3858722.63	0.05168	0.05523	0.0524	0.04914	9.71E-05	4.8E-06	0.00114	5.5E-08	0.00124	1.19E-04	5.93735E-06	0.001401	3.07E-08	1.53E-03	0.000105	4.57E-06	0.002669	3.17E-08	0.002778
2500	497396.65	3858822.63	0.04799	0.05195	0.04835	0.04504	9.02E-05	4.6E-06	0.00105	5E-08	0.00114	1.11E-04	5.58474E-06	0.001293	2.82E-08	1.41E-03	9.74E-05	4.3E-06	0.002462	2.91E-08	0.002564
2501	497496.65	3858822.63	0.04873	0.05271	0.04916	0.04582	9.16E-05	4.6E-06	0.00107	5.1E-08	0.00116	1.12E-04	5.66644E-06	0.001315	2.87E-08	1.43E-03	9.89E-05	4.36E-06	0.002504	2.96E-08	0.002607
2502	497596.65	3858822.63	0.05055	0.05473	0.05114	0.04774	9.50E-05	4.8E-06	0.00111	5.3E-08	0.00121	1.16E-04	5.8836E-06	0.001368	2.99E-08	1.49E-03	0.000103	4.53E-06	0.002605	3.08E-08	0.002712
2503	497696.65	3858822.63	0.05106	0.05518	0.05155	0.04838	9.60E-05	4.8E-06	0.00112	5.4E-08	0.00122	1.18E-04	5.93197E-06	0.001379	3.03E-08	1.50E-03	0.000104	4.56E-06	0.002625	3.13E-08	0.002734
2504	497796.65	3858822.63	0.05143	0.05555	0.05201	0.04885	9.66E-05	4.9E-06	0.00113	5.5E-08	0.00123	1.18E-04	5.97175E-06	0.001391	3.06E-08	1.52E-03	0.000104	4.59E-06	0.002649	3.16E-08	0.002758
2505	497896.65	3858822.63	0.05244	0.0566	0.05295	0.05032	9.85E-05	5E-06	0.00115	5.6E-08	0.00125	1.21E-04	6.08463E-06	0.001416	3.15E-08	1.54E-03	0.000106	4.68E-06	0.002697	3.25E-08	0.002808
2506	497396.65	3858922.63	0.04862	0.0532	0.04879	0.04564	9.14E-05	4.7E-06	0.00106	5.1E-08	0.00116	1.12E-04	5.71912E-06	0.001305	2.85E-08	1.42E-03	9.87E-05	4.4E-06	0.002485	2.95E-08	0.002588
2507	497496.65	3858922.63	0.05013	0.05486	0.05033	0.04726	9.42E-05	4.8E-06	0.00109	5.3E-08	0.00119	1.15E-04	5.89757E-06	0.001346	2.96E-08	1.47E-03	0.000102	4.54E-06	0.002563	3.05E-08	0.00267
2508	497596.65	3858922.63	0.05001	0.05464	0.05026	0.04722	9.40E-05	4.8E-06	0.00109	5.3E-08	0.00119	1.15E-04	5.87392E-06	0.001344	2.95E-08	1.47E-03	0.000102	4.52E-06	0.00256	3.05E-08	0.002666
2509	497696.65	3858922.63	0.05167	0.05648	0.052	0.04928	9.71E-05	5E-06	0.00113	5.5E-08	0.00123	1.19E-04	6.07173E-06	0.001391	3.08E-08	1.52E-03	0.000105	4.67E-06	0.002648	3.18E-08	0.002758
2510	497796.65	3858922.63	0.05238	0.05717	0.0526	0.05032	9.84E-05	5E-06	0.00114	5.6E-08	0.00125	1.21E-04	6.1459E-06	0.001407	3.15E-08	1.53E-03	0.000106	4.73E-06	0.002679	3.25E-08	0.00279
2511	497896.65	3858922.63	0.05362	0.05852	0.05383	0.0522	1.01E-04	5.1E-06	0.00117	5.8E-08	0.00127	1.23E-04	6.29103E-06	0.00144	3.26E-08	1.57E-03	0.000109	4.84E-06	0.002742	3.37E-08	0.002855
2512	497364.44	3858201.52	0.04431	0.04723	0.04492	0.04229	8.33E-05	4.1E-06	0.00098	4.7E-08	0.00106	1.02E-04	5.07733E-06	0.001201	2.64E-08	1.31E-03	9E-05	3.91E-06	0.002288	2.73E-08	0.002382
2513	497414.44	3858201.52	0.04481	0.04782	0.04563	0.04271	8.42E-05	4.2E-06	0.00099	4.8E-08	0.00108	1.03E-04	5.14076E-06	0.00122	2.67E-08	1.33E-03	9.1E-05	3.95E-06	0.002324	2.76E-08	0.002419
2514	497464.44	3858201.52	0.04523	0.04832	0.04608	0.04302	8.50E-05	4.2E-06	0.001	4.8E-08	0.00109	1.04E-04	5.19451E-06	0.001232	2.69E-08	1.34E-03	9.18E-05	4E-06	0.002347	2.78E-08	0.002443
2515	497514.44	3858201.52	0.04538	0.04849	0.04606	0.04303	8.53E-05	4.3E-06	0.001	4.8E-08	0.00109	1.05E-04	5.21278E-06	0.001232	2.69E-08	1.34E-03	9.21E-05	4.01E-06	0.002346	2.78E-08	0.002442
2516	497564.44	3858201.52	0.04519	0.04831	0.04587	0.04283	8.49E-05	4.2E-06	0.001	4.8E-08	0.00109	1.04E-04	5.19343E-06	0.001227	2.68E-08	1.34E-03	9.18E-05	4E-06	0.002336	2.77E-08	0.002432
2517	497614.44	3858201.52	0.04528	0.04845	0.04598	0.04289	8.51E-05	4.3E-06	0.001	4.8E-08	0.00109	1.04E-04	5.20848E-06	0.00123	2.68E-08	1.34E-03	9.19E-05	4.01E-06	0.002342	2.77E-08	0.002438
2518	497364.44	3858251.52	0.04504	0.04786	0.04568	0.04286	8.46E-05	4.2E-06	0.00099	4.8E-08	0.00108	1.04E-04	5.14506E-06	0.001222	2.68E-08	1.33E-03	9.14E-05	3.96E-06	0.002327	2.77E-08	0.002422
2519	497414.44	3858251.52	0.04569	0.0486	0.04636	0.04338	8.59E-05	4.3E-06	0.00101	4.8E-08	0.0011	1.05E-04	5.22461E-06	0.00124	2.71E-08	1.35E-03	9.28E-05	4.02E-06	0.002361	2.8E-08	0.002458
2520	497464.44	3858251.52	0.04531	0.04821	0.04598	0.04302	8.51E-05	4.2E-06	0.001	4.8E-08	0.00109	1.04E-04	5.18268E-06	0.00123	2.69E-08	1.34E-03	9.2E-05	3.99E-06	0.002342	2.78E-08	0.002438
2521	497514.44	3858251.52	0.04484	0.04772	0.04551	0.04256	8.43E-05	4.2E-06	0.00099	4.8E-08	0.00108	1.03E-04	5.13001E-06	0.001217	2.66E-08	1.33E-03	9.1E-05	3.95E-06	0.002318	2.75E-08	0.002413
2522	497564.44	3858251.52	0.0447	0.04759	0.04537	0.0424	8.40E-05	4.2E-06	0.00099	4.7E-08	0.00107	1.03E-04	5.11603E-06	0.001213	2.65E-08	1.32E-03	9.08E-05	3.94E-06	0.002311	2.74E-08	0.002405
2523	497614.44	3858251.52	0.04456	0.04746	0.04523	0.04225	8.37E-05	4.2E-06	0.00098	4.7E-08	0.00107	1.03E-04	5.10206E-06	0.00121	2.64E-08	1.32E-03	9.05E-05	3.92E-06	0.002304	2.73E-08	0.002398
2524	497364.44	3858301.52	0.04518	0.04787	0.04583	0.04292	8.49E-05	4.2E-06	0.001	4.8E-08	0.00108	1.04E-04	5.14613E-06	0.001226	2.68E-08	1.33E-03	9.17E-05	3.96E-06	0.002334	2.77E-08	0.00243
2525	497414.44	3858301.52	0.04555	0.04828	0.04622	0.04326	8.56E-05	4.2E-06	0.001	4.8E-08	0.00109	1.05E-04	5.19021E-06	0.001236	2.71E-08	1.35E-03	9.25E-05	3.99E-06	0.002354	2.79E-08	0.002451
2526	497464.44	3858301.52	0.04506	0.04777	0.04572	0.04278	8.47E-05	4.2E-06	0.00099	4.8E-08	0.00108	1.04E-04	5.13538E-06	0.001223	2.68E-08	1.33E-03	9.15E-05	3.95E-06	0.002329	2.76E-08	0.002424
2527	497514.44	3858301.52	0.04473	0.04744	0.04539	0.04247	8.41E-05	4.2E-06	0.00099	4.7E-08	0.00107	1.03E-04	5.09991E-06	0.001214	2.66E-08	1.32E-03	9.08E-05	3.92E-06	0.002312	2.74E-08	0.002407
2528	497564.44	3858301.52	0.04423	0.04691	0.04488	0.04199	8.31E-05	4.1E-06	0.00097	4.7E-08	0.00106	1.02E-04	5.04293E-06	0.0012	2.63E-08	1.31E-03	8.98E-05	3.88E-06	0.002286	2.71E-08	0.002379
2529	497614.44	3858301.52	0.04407	0.04675	0.04472	0.04181	8.28E-05	4.1E-06	0.00097	4.7E-08	0.00106	1.01E-04	5.02573E-06	0.001196	2.61E-08	1.30E-03	8.95E-05	3.87E-06	0.002278	2.7E-08	0.002371
2530	497364.44	3858351.52	0.04539	0.04797	0.04604	0.04314	8.53E-05	4.2E-06	0.001	4.8E-08	0.00109	1.05E-04	5.15688E-06	0.001231	2.7E-08	1.34E-03	9.22E-05	3.97E-06	0.002345	2.79E-08	0.002441
2531	497414.44	3858351.52	0.04508	0.04765	0.04573	0.04284	8.47E-05	4.2E-06	0.00099	4.8E-08	0.00108	1.04E-04	5.12248E-06	0.001223	2.68E-08	1.33E-03	9.15E-05	3.94E-06	0.002329	2.77E-08	0.002425
2532	497464.44	3858351.52	0.04496	0.04753	0.04562	0.0427	8.45E-05	4.2E-06	0.00099	4.8E-08	0.00108	1.04E-04	5.10958E-06	0.00122	2.67E-08	1.33E-03	9.13E-05	3.93E-06	0.002323	2.76E-08	0.002419
2533	497514.44	3858351.52	0.0447	0.04727	0.04536	0.04245	8.40E-05	4.1E-06	0.00099	4.7E-08	0.00107	1.03E-04	5.08163E-06	0.001213	2.65E-08	1.32E-03	9.08E-05	3.91E-06	0.00231	2.74E-08	0.002405
2534	497564.44	3858351.52	0.04408	0.04661	0.04472	0.04186	8.28E-05	4.1E-06	0.00097	4.7E-08	0.00106	1.02E-04	5.01068E-06	0.001196	2.62E-08	1.30E-03	8.95E-05	3.85E-06	0.002278	2.7E-08	0.002371
2535	497614.44	3858351.52	0.04394	0.04647	0.04459	0.04171	8.26E-05	4.1E-06	0.00097	4.7E-08	0.00106	1.01E-04	4.99563E-06	0.001193	2.61E-08	1.30E-03	8.92E-05	3.84E-06	0.002271	2.69E-08	0.002364
2536	497364.44	3858401.52	0.0449	0.04738	0.0457	0.04275	8.44E-05	4.2E-06	0.00099	4.8E-08	0.00108	1.03E-04	5.09346E-06	0.001222	2.67E-08	1.33E-03	9.12E-05	3.92E-06	0.002328	2.76E-08	0.002423
2537	497414.44	3858401.52	0.04484	0.04731	0.04548	0.04261	8.43E-05	4.2E-06	0.00099	4.8E-08	0.00108	1.03E-04	5.08593E-06	0.001216	2.67E-08	1.32E-03	9.1E-05	3.91E-06	0.002316	2.75E-08	0.002411
2538	497464.44	3858401.52	0.0445	0.04695	0.04514	0.04229	8.36E-05	4.1E-06	0.00098	4.7E-08	0.00107	1.02E-04	5.04723E-06	0.001207	2.64E-08	1.31E-03	9.04E-05	3.88E-06	0.002299	2.73E-08	0.002393
2539	497514.44	3858401.52	0.04432	0.04676	0.04497	0.0421	8.33E-05	4.1E-06	0.00098	4.7E-08	0.00106	1.02E-04	5.0268E-06	0.001203	2.63E-08	1.31E-03	9E-05	3.87E-06	0.00229	2.72E-08	0.002384
2540	497564.44	3858401.52	0.04478	0.04728	0.04546	0.04246	8.42E-05	4.1E-06	0.00099	4.7E-08	0.00108	1.03E-04	5.08271E-06	0.001216	2.66E-08	1.32E-03	9.09E-05	3.91E-06	0.002315	2.74E-08	0.00241
2541	497614.44	3858401.52	0.04524	0.04782	0.04612	0.04285	8.50E-05	4.2E-06	0.001	4.8E-08	0.00109	1.04E-04	5.14076E-06	0.001234	2.68E-08	1.34E-03	9.19E-05	3.95E-06	0.002349	2.77E-08	0.002445
2542	493478.11	3860497.94	0.05245	0.05566	0.04606	0.06357	9.86E-05	4.9E-06	0.001	7.1E-08	0.0011	1.21E-04	5.98357E-06	0.001232	3.98E-08	1.36E-03	0.000106	4.6E-06	0.002346	4.11E-08	0.002457
2543	493528.11	3860497.94	0.05239	0.0556	0.04612	0.06354	9.85E-05	4.9E-06	0.001	7.1E-08	0.0011	1.21E-04	5.97712E-06	0.001234	3.97E-08	1.36E-03	0.000106	4.6E-06	0.002349	4.1E-08	0.00246
2544	493478.11	3860547.94	0.05113	0.05426	0.04482	0.06208	9.61E-05	4.8E-06	0.00097	6.9E-08	0.00107	1.18E-04	5.83307E-06	0.001199	3.88E-08	1.32E-03	0.000104	4.49E-06	0.002283	4.01E-08	0.002391
2545	493528.11	3860547.94	0.05106	0.05419	0.04488	0.06207	9.60E-05	4.8E-06	0.00097	6.9E-08	0.00108	1.18E-04	5.82555E-06	0.0012	3.88E-08	1.32E-03	0.000104	4.48E-06	0.002286	4.01E-08	0.002394
2546	493478.11	3860597.94	0.04985	0.05289	0.04361	0.06057	9.37E-05	4.6E-06	0.00095	6.8E-08	0.00105	1.15E-04	5.68579E-06	0.001166	3.79E-08	1.29E-03	0.000101	4.37E-06	0.002221	3.91E-08	0.002327
2547	493528.11	3860597.94	0.0498	0.05284	0.04369	0.06059	9.36E-05	4.6E-06	0.00095	6.8E-08	0.00105	1.15E-04	5.68042E-06	0.001169	3.79E-08	1.29E-03	0.000101	4.37E-06	0.002225	3.91E-08	0.002331
2548	493561.88	3860524.64	0.05166	0.05482	0.04552	0.06274	9.71E-05	4.8E-06	0.00099	7E-08	0.00109	1.19E-04	5.89327E-06	0.001217	3.92E-08	1.34E-03	0.000105	4.53E-06	0.002318	4.05E-08	0.002428
2549	493591.88	3860524.64	0.05167	0.05485	0.04559	0.06272	9.71E-05	4.8E-06	0.00099	7E-08	0.00109	1.19E-04	5.8965E-06	0.001219	3.92E-08	1.34E-03	0.000105	4.54E-06	0.002322	4.05E-08	0.002431
2550	493561.88	3860554.64	0.05087	0.05399	0.04478	0.06186	9.56E-05	4.7E-06	0.00097	6.9E-08	0.00107	1.17E-04	5.80405E-06	0.001198	3.87E-08	1.32E-03	0.000103	4.46E-06	0.002281	4E-08	0.002388
2551	493591.88	3860554.64	0.05091	0.05406	0.04489	0.06187	9.57E-05	4.7E-06	0.00097	6.9E-08	0.00108	1.17E-04	5.81157E-06	0.001201	3.87E-08	1.32E-03	0.000103	4.47E-06	0.002286	4E-08	0.002394
2552	492880.5	3860293.11	0.05826	0.06134	0.04965	0.07032	1.09E-04	5.4E-06	0.00108	7.9E-08	0.00119	1.34E-04	6.59419E-06	0.001328	4.4E-08	1.47E-03	0.000118	5.07E-06	0.002529	4.54E-08	0.002652
2553	492930.5	3860293.11	0.05833	0.06152	0.0499	0.07034	1.10E-04	5.4E-06	0.00108	7.9E-08	0.0012	1.34E-04	6.61354E-06	0.001335	4.4E-08	1.48E-03	0.000118	5.09E-06	0.002541	4.54E-08	0.002665
2554	492980.5	3860293.11	0.05841	0.0617	0.05016	0.07033	1.10E-04	5.4E-06	0.00109	7.9E-08	0.0012	1.35E-04	6.63289E-06	0.001342	4.4E-08	1.48E-03	0.000119	5.1E-06	0.002555	4.54E-08	0.002678
2555	493030.5	3860293.11	0.05873	0.06222	0.05065	0.07005	1.10E-04	5.5E-06	0.0011	7.8E-08	0.00122	1.35E-04	6.68879E-06	0.001355	4.38E-08	1.50E-03	0.000119	5.15E-06	0.00258	4.53E-08	0.002704
2556	493080.5	3860293.11	0.05894	0.0627	0.05111	0.06956	1.11E-04	5.5E-06	0.00111	7.8E-08	0.00123	1.36E-04	6.74039E-06	0.001367	4.35E-08	1.51E-03	0.00012	5.19E-06	0.002603	4.49E-08	0.002728
2557	493130.5	3860293.11	0.05875	0.06234	0.051	0.06984	1.10E-04	5.5E-06	0.00111	7.8E-08	0.00122	1.35E-04	6.70169E-06	0.001364	4.37E-08	1.51E-03	0.000119	5.16E-06	0.002597	4.51E-08	0.002722
2558	493180.5	3860293.11	0.05854	0.062	0.05089	0.06996	1.10E-04	5.4E-06	0.00111	7.8E-08	0.00122	1.35E-04	6.66514E-06	0.001361	4.38E-08	1.50E-03	0.000119	5.13E-06	0.002592	4.52E-08	0.002716

2559	493230.5	3860293.11	0.05845	0.06188	0.05092	0.06991	1.10E-04	5.4E-06	0.00111	7.8E-08	0.00122	1.35E-04	6.65224E-06	0.001362	4.37E-08	1.50E-03	0.000119	5.12E-06	0.002593	4.52E-08	0.002717
2560	493280.5	3860293.11	0.05853	0.06204	0.05114	0.06967	1.10E-04	5.4E-06	0.00111	7.8E-08	0.00123	1.35E-04	6.66944E-06	0.001368	4.36E-08	1.51E-03	0.000119	5.13E-06	0.002605	4.5E-08	0.002729
2561	493330.5	3860293.11	0.05851	0.06205	0.05125	0.06948	1.10E-04	5.4E-06	0.00111	7.8E-08	0.00123	1.35E-04	6.67051E-06	0.001371	4.35E-08	1.51E-03	0.000119	5.13E-06	0.00261	4.49E-08	0.002734
2562	493380.5	3860293.11	0.05845	0.06199	0.0513	0.06932	1.10E-04	5.4E-06	0.00111	7.7E-08	0.00123	1.35E-04	6.66406E-06	0.001372	4.34E-08	1.51E-03	0.000119	5.13E-06	0.002613	4.48E-08	0.002737
2563	492880.5	3860343.11	0.05662	0.05953	0.04813	0.06842	1.06E-04	5.2E-06	0.00105	7.6E-08	0.00116	1.30E-04	6.39961E-06	0.001287	4.28E-08	1.42E-03	0.000115	4.92E-06	0.002451	4.42E-08	0.002571
2564	492930.5	3860343.11	0.05669	0.0597	0.04837	0.0685	1.07E-04	5.2E-06	0.00105	7.7E-08	0.00116	1.31E-04	6.41788E-06	0.001294	4.28E-08	1.43E-03	0.000115	4.94E-06	0.002464	4.42E-08	0.002584
2565	492980.5	3860343.11	0.05706	0.06036	0.04895	0.06852	1.07E-04	5.3E-06	0.00106	7.7E-08	0.00118	1.31E-04	6.48884E-06	0.001309	4.29E-08	1.45E-03	0.000116	4.99E-06	0.002493	4.43E-08	0.002614
2566	493030.5	3860343.11	0.05707	0.06042	0.04912	0.06854	1.07E-04	5.3E-06	0.00107	7.7E-08	0.00118	1.31E-04	6.49529E-06	0.001314	4.29E-08	1.45E-03	0.000116	5E-06	0.002502	4.43E-08	0.002623
2567	493080.5	3860343.11	0.05737	0.06092	0.04959	0.06821	1.08E-04	5.3E-06	0.00108	7.6E-08	0.00119	1.32E-04	6.54904E-06	0.001326	4.27E-08	1.47E-03	0.000116	5.04E-06	0.002526	4.41E-08	0.002647
2568	493130.5	3860343.11	0.05728	0.0608	0.04964	0.06827	1.08E-04	5.3E-06	0.00108	7.6E-08	0.00119	1.32E-04	6.53614E-06	0.001328	4.27E-08	1.47E-03	0.000116	5.03E-06	0.002528	4.41E-08	0.00265
2569	493180.5	3860343.11	0.05701	0.06042	0.04951	0.06852	1.07E-04	5.3E-06	0.00108	7.7E-08	0.00119	1.31E-04	6.49529E-06	0.001324	4.29E-08	1.46E-03	0.000116	5E-06	0.002522	4.43E-08	0.002642
2570	493230.5	3860343.11	0.05695	0.06035	0.04959	0.06848	1.07E-04	5.3E-06	0.00108	7.7E-08	0.00119	1.31E-04	6.48776E-06	0.001326	4.28E-08	1.46E-03	0.000116	4.99E-06	0.002526	4.42E-08	0.002646
2571	493280.5	3860343.11	0.05708	0.06054	0.04984	0.06821	1.07E-04	5.3E-06	0.00108	7.6E-08	0.00119	1.31E-04	6.50819E-06	0.001333	4.27E-08	1.47E-03	0.000116	5.01E-06	0.002538	4.41E-08	0.002659
2572	493330.5	3860343.11	0.0571	0.06062	0.05	0.06805	1.07E-04	5.3E-06	0.00109	7.6E-08	0.0012	1.31E-04	6.51679E-06	0.001337	4.26E-08	1.48E-03	0.000116	5.01E-06	0.002547	4.4E-08	0.002668
2573	493380.5	3860343.11	0.05706	0.06057	0.05007	0.06794	1.07E-04	5.3E-06	0.00109	7.6E-08	0.0012	1.31E-04	6.51141E-06	0.001339	4.25E-08	1.48E-03	0.000116	5.01E-06	0.00255	4.39E-08	0.002671
2574	492880.5	3860393.11	0.05501	0.05773	0.04666	0.06649	1.03E-04	5.1E-06	0.00101	7.4E-08	0.00112	1.27E-04	6.2061E-06	0.001248	4.16E-08	1.38E-03	0.000112	4.77E-06	0.002376	4.3E-08	0.002493
2575	492930.5	3860393.11	0.05516	0.05802	0.04696	0.06664	1.04E-04	5.1E-06	0.00102	7.4E-08	0.00113	1.27E-04	6.23728E-06	0.001256	4.17E-08	1.39E-03	0.000112	4.8E-06	0.002392	4.3E-08	0.002509
2576	492980.5	3860393.11	0.05538	0.05842	0.04735	0.06676	1.04E-04	5.1E-06	0.00103	7.5E-08	0.00114	1.28E-04	6.28028E-06	0.001266	4.18E-08	1.40E-03	0.000112	4.83E-06	0.002412	4.31E-08	0.002529
2577	493030.5	3860393.11	0.05551	0.05869	0.04766	0.06681	1.04E-04	5.1E-06	0.00103	7.5E-08	0.00114	1.28E-04	6.30931E-06	0.001275	4.18E-08	1.41E-03	0.000113	4.85E-06	0.002427	4.32E-08	0.002545
2578	493080.5	3860393.11	0.05584	0.05923	0.04815	0.06666	1.05E-04	5.2E-06	0.00105	7.4E-08	0.00116	1.29E-04	6.36736E-06	0.001288	4.17E-08	1.42E-03	0.000113	4.9E-06	0.002452	4.31E-08	0.002571
2579	493130.5	3860393.11	0.05569	0.05907	0.04817	0.06685	1.05E-04	5.2E-06	0.00105	7.5E-08	0.00116	1.28E-04	6.35016E-06	0.001288	4.18E-08	1.42E-03	0.000113	4.89E-06	0.002453	4.32E-08	0.002571
2580	493180.5	3860393.11	0.05546	0.05877	0.04808	0.0669	1.04E-04	5.2E-06	0.00104	7.5E-08	0.00115	1.28E-04	6.31791E-06	0.001286	4.18E-08	1.42E-03	0.000113	4.86E-06	0.002449	4.32E-08	0.002566
2581	493230.5	3860393.11	0.05547	0.0588	0.04823	0.06688	1.04E-04	5.2E-06	0.00105	7.5E-08	0.00116	1.28E-04	6.32113E-06	0.00129	4.18E-08	1.42E-03	0.000113	4.86E-06	0.002456	4.32E-08	0.002574
2582	493280.5	3860393.11	0.05562	0.05905	0.04853	0.06683	1.05E-04	5.2E-06	0.00105	7.5E-08	0.00116	1.28E-04	6.34801E-06	0.001298	4.18E-08	1.43E-03	0.000113	4.88E-06	0.002472	4.32E-08	0.00259
2583	493330.5	3860393.11	0.05569	0.05916	0.04872	0.06662	1.05E-04	5.2E-06	0.00106	7.4E-08	0.00117	1.28E-04	6.35983E-06	0.001303	4.17E-08	1.44E-03	0.000113	4.89E-06	0.002481	4.3E-08	0.002599
2584	493380.5	3860393.11	0.05568	0.05915	0.04883	0.06654	1.05E-04	5.2E-06	0.00106	7.4E-08	0.00117	1.28E-04	6.35876E-06	0.001306	4.16E-08	1.44E-03	0.000113	4.89E-06	0.002487	4.3E-08	0.002605
2585	492880.5	3860443.11	0.05352	0.05603	0.04529	0.06458	1.01E-04	4.9E-06	0.00098	7.2E-08	0.00109	1.23E-04	6.02335E-06	0.001211	4.04E-08	1.34E-03	0.000109	4.63E-06	0.002307	4.17E-08	0.00242
2586	492930.5	3860443.11	0.05356	0.05619	0.04548	0.06473	1.01E-04	4.9E-06	0.00099	7.2E-08	0.00109	1.23E-04	6.04055E-06	0.001216	4.05E-08	1.35E-03	0.000109	4.65E-06	0.002316	4.18E-08	0.00243
2587	492980.5	3860443.11	0.05375	0.05655	0.04583	0.06491	1.01E-04	5E-06	0.001	7.3E-08	0.0011	1.24E-04	6.07925E-06	0.001226	4.06E-08	1.36E-03	0.000109	4.68E-06	0.002334	4.19E-08	0.002448
2588	493030.5	3860443.11	0.05393	0.05689	0.04616	0.06505	1.01E-04	5E-06	0.001	7.3E-08	0.00111	1.24E-04	6.1158E-06	0.001235	4.07E-08	1.36E-03	0.000109	4.7E-06	0.002351	4.2E-08	0.002465
2589	493080.5	3860443.11	0.05399	0.05704	0.04638	0.06514	1.01E-04	5E-06	0.00101	7.3E-08	0.00111	1.24E-04	6.13193E-06	0.00124	4.07E-08	1.37E-03	0.00011	4.72E-06	0.002362	4.21E-08	0.002477
2590	493130.5	3860443.11	0.05404	0.05718	0.04659	0.0652	1.02E-04	5E-06	0.00101	7.3E-08	0.00112	1.24E-04	6.14698E-06	0.001246	4.08E-08	1.38E-03	0.00011	4.73E-06	0.002373	4.21E-08	0.002487
2591	493180.5	3860443.11	0.05388	0.05699	0.04658	0.06524	1.01E-04	5E-06	0.00101	7.3E-08	0.00112	1.24E-04	6.12655E-06	0.001246	4.08E-08	1.38E-03	0.000109	4.71E-06	0.002372	4.21E-08	0.002486
2592	493230.5	3860443.11	0.05407	0.05732	0.04693	0.06527	1.02E-04	5E-06	0.00102	7.3E-08	0.00113	1.25E-04	6.16203E-06	0.001255	4.08E-08	1.39E-03	0.00011	4.74E-06	0.00239	4.22E-08	0.002505
2593	493280.5	3860443.11	0.05415	0.05747	0.04716	0.06527	1.02E-04	5E-06	0.00102	7.3E-08	0.00113	1.25E-04	6.17815E-06	0.001261	4.08E-08	1.39E-03	0.00011	4.75E-06	0.002402	4.22E-08	0.002517
2594	493330.5	3860443.11	0.05429	0.05771	0.04744	0.06524	1.02E-04	5.1E-06	0.00103	7.3E-08	0.00114	1.25E-04	6.20395E-06	0.001269	4.08E-08	1.40E-03	0.00011	4.77E-06	0.002416	4.21E-08	0.002531
2595	493380.5	3860443.11	0.05423	0.05764	0.04751	0.06522	1.02E-04	5.1E-06	0.00103	7.3E-08	0.00114	1.25E-04	6.19643E-06	0.001271	4.08E-08	1.40E-03	0.00011	4.77E-06	0.00242	4.21E-08	0.002535
2596	493180.5	3860493.11	0.05251	0.0555	0.0453	0.06356	9.87E-05	4.9E-06	0.00098	7.1E-08	0.00109	1.21E-04	5.96637E-06	0.001212	3.98E-08	1.34E-03	0.000107	4.59E-06	0.002307	4.11E-08	0.002418
2597	493230.5	3860493.11	0.05263	0.05573	0.04556	0.06365	9.89E-05	4.9E-06	0.00099	7.1E-08	0.00109	1.21E-04	5.9911E-06	0.001219	3.98E-08	1.35E-03	0.000107	4.61E-06	0.00232	4.11E-08	0.002432
2598	493280.5	3860493.11	0.05275	0.05595	0.04583	0.0637	9.91E-05	4.9E-06	0.001	7.1E-08	0.0011	1.21E-04	6.01475E-06	0.001226	3.98E-08	1.35E-03	0.000107	4.63E-06	0.002334	4.11E-08	0.002446
2599	493330.5	3860493.11	0.05281	0.05608	0.04604	0.06372	9.92E-05	4.9E-06	0.001	7.1E-08	0.0011	1.22E-04	6.02873E-06	0.001231	3.99E-08	1.36E-03	0.000107	4.64E-06	0.002345	4.12E-08	0.002457
2600	493380.5	3860493.11	0.05276	0.05604	0.04613	0.06373	9.91E-05	4.9E-06	0.001	7.1E-08	0.00111	1.21E-04	6.02443E-06	0.001234	3.99E-08	1.36E-03	0.000107	4.63E-06	0.002349	4.12E-08	0.002461
2601	493330.5	3860543.11	0.05144	0.05458	0.04474	0.06216	9.67E-05	4.8E-06	0.00097	6.9E-08	0.00107	1.18E-04	5.86747E-06	0.001197	3.89E-08	1.32E-03	0.000104	4.51E-06	0.002279	4.02E-08	0.002388
2602	493380.5	3860543.11	0.0514	0.05455	0.04483	0.0622	9.66E-05	4.8E-06	0.00097	6.9E-08	0.00107	1.18E-04	5.86425E-06	0.001199	3.89E-08	1.32E-03	0.000104	4.51E-06	0.002283	4.02E-08	0.002392
2603	494135.94	3860876.85	0.04346	0.04627	0.03892	0.05329	8.17E-05	4.1E-06	0.00085	6E-08	0.00093	1.00E-04	4.97413E-06	0.001041	3.33E-08	1.15E-03	8.82E-05	3.83E-06	0.001982	3.44E-08	0.002074
2604	494185.94	3860876.85	0.04346	0.04627	0.03901	0.0533	8.17E-05	4.1E-06	0.00085	6E-08	0.00093	1.00E-04	4.97413E-06	0.001043	3.33E-08	1.15E-03	8.82E-05	3.83E-06	0.001987	3.44E-08	0.002079
2605	494135.94	3860926.85	0.04241	0.04514	0.03791	0.05204	7.97E-05	4E-06	0.00082	5.8E-08	0.00091	9.77E-05	4.85265E-06	0.001014	3.25E-08	1.12E-03	8.61E-05	3.73E-06	0.001931	3.36E-08	0.002021
2606	494185.94	3860926.85	0.04244	0.04518	0.03802	0.05208	7.98E-05	4E-06	0.00083	5.8E-08	0.00091	9.77E-05	4.85695E-06	0.001017	3.26E-08	1.12E-03	8.62E-05	3.74E-06	0.001936	3.36E-08	0.002026
2607	494135.94	3860976.85	0.04141	0.04405	0.03693	0.05079	7.78E-05	3.9E-06	0.0008	5.7E-08	0.00088	9.54E-05	4.73547E-06	0.000988	3.18E-08	1.09E-03	8.41E-05	3.64E-06	0.001881	3.28E-08	0.001969
2608	494185.94	3860976.85	0.04144	0.04411	0.03706	0.05086	7.79E-05	3.9E-06	0.0008	5.7E-08	0.00089	9.54E-05	4.74192E-06	0.000991	3.18E-08	1.09E-03	8.41E-05	3.65E-06	0.001887	3.29E-08	0.001975
2609	494135.94	3861026.85	0.0404	0.04293	0.03595	0.04952	7.59E-05	3.8E-06	0.00078	5.5E-08	0.00086	9.30E-05	4.61507E-06	0.000962	3.1E-08	1.06E-03	8.2E-05	3.55E-06	0.001831	3.2E-08	0.001917
2610	494185.94	3861026.85	0.04045	0.04302	0.03609	0.04962	7.60E-05	3.8E-06	0.00078	5.5E-08	0.00086	9.31E-05	4.62475E-06	0.000965	3.1E-08	1.06E-03	8.21E-05	3.56E-06	0.001838	3.21E-08	0.001924
2611	494135.94	3861076.85	0.03944	0.04184	0.03501	0.04825	7.41E-05	3.7E-06	0.00076	5.4E-08	0.00084	9.08E-05	4.49789E-06	0.000936	3.02E-08	1.03E-03	8.01E-05	3.46E-06	0.001783	3.12E-08	0.001867
2612	494185.94	3861076.85	0.03948	0.04194	0.03514	0.04837	7.42E-05	3.7E-06	0.00076	5.4E-08	0.00084	9.09E-05	4.50864E-06	0.00094	3.03E-08	1.04E-03	8.02E-05	3.47E-06	0.00179	3.12E-08	0.001873
2613	490360.04	3858710.04	0.21582	0.18479	0.12731	0.22488	4.06E-04	1.6E-05	0.00276	2.5E-07	0.00319	4.97E-04	1.98653E-05	0.003405	1.41E-07	3.92E-03	0.000438	1.53E-05	0.006484	1.45E-07	0.006938
2614	490410.04	3858710.04	0.21189	0.18432	0.12745	0.22226	3.98E-04	1.6E-05	0.00277	2.5E-07	0.00318	4.88E-04	1.98148E-05	0.003409	1.39E-07	3.92E-03	0.00043	1.52E-05	0.006491	1.44E-07	0.006937
2615	490460.04	3858710.04	0.20782	0.18417	0.12771	0.21871	3.91E-04	1.6E-05	0.00277	2.4E-07	0.00318	4.79E-04	1.97987E-05	0.003416	1.37E-07	3.91E-03	0.000422	1.52E-05	0.006504	1.41E-07	0.006942
2616	490510.04	3858710.04	0.20417	0.1835	0.12766	0.216	3.84E-04	1.6E-05	0.00277	2.4E-07	0.00317	4.70E-04	1.97267E-05	0.003414	1.35E-07	3.90E-03	0.000415	1.52E-05	0.006502	1.4E-07	0.006932
2617	490560.04	3858710.04	0.20078	0.18268	0.12749	0.21356	3.77E-04	1.6E-05	0.00277	2.4E-07	0.00316	4.62E-04	1.96385E-05	0.00341	1.34E-07	3.89E-03	0.000408	1.51E-05	0.006493	1.38E-07	0.006916
2618	490610.04	3858710.04	0.19747	0.18188	0.12729	0.21095	3.71E-04	1.6E-05	0.00276	2.4E-07	0.00315	4.55E-04	1.95525E-05	0.003404	1.32E-07	3.88E-03	0.000401	1.5E-05	0.006483	1.36E-07	0.006899
2619	490660.04	3858710.04	0.1946	0.18082	0.12692	0.20921	3.66E-04	1.6E-05	0.00276	2.3E-07	0.00314	4.48E-04	1.94386E-05	0.003395	1.31E-07	3.86E-03	0.000395	1.5E-05	0.006464	1.35E-07	0.006874

2620	490710.04	3858710.04	0.1913	0.18012	0.12671	0.20597	3.59E-04	1.6E-05	0.00275	2.3E-07	0.00313	4.41E-04	1.93633E-05	0.003389	1.29E-07	3.85E-03	0.000388	1.49E-05	0.006453	1.33E-07	0.006857
2621	490760.04	3858710.04	0.18822	0.17929	0.12639	0.20306	3.54E-04	1.6E-05	0.00274	2.3E-07	0.00311	4.33E-04	1.92741E-05	0.00338	1.27E-07	3.83E-03	0.000382	1.48E-05	0.006437	1.31E-07	0.006834
2622	490810.04	3858710.04	0.18523	0.17842	0.12603	0.2001	3.48E-04	1.6E-05	0.00274	2.2E-07	0.0031	4.27E-04	1.91805E-05	0.003371	1.25E-07	3.82E-03	0.000376	1.48E-05	0.006419	1.29E-07	0.00681
2623	490860.04	3858710.04	0.18207	0.17759	0.12568	0.19643	3.42E-04	1.6E-05	0.00273	2.2E-07	0.00309	4.19E-04	1.90913E-05	0.003361	1.23E-07	3.80E-03	0.00037	1.47E-05	0.006401	1.27E-07	0.006785
2624	490360.04	3858760.04	0.20843	0.17751	0.12257	0.21444	3.92E-04	1.6E-05	0.00266	2.4E-07	0.00307	4.80E-04	1.90827E-05	0.003278	1.34E-07	3.78E-03	0.000423	1.47E-05	0.006243	1.39E-07	0.006681
2625	490410.04	3858760.04	0.20466	0.17724	0.12285	0.21193	3.85E-04	1.6E-05	0.00267	2.4E-07	0.00307	4.71E-04	1.90537E-05	0.003286	1.33E-07	3.78E-03	0.000416	1.47E-05	0.006257	1.37E-07	0.006687
2626	490460.04	3858760.04	0.20093	0.17697	0.1231	0.20909	3.78E-04	1.6E-05	0.00267	2.3E-07	0.00307	4.63E-04	1.90247E-05	0.003292	1.31E-07	3.77E-03	0.000408	1.46E-05	0.00627	1.35E-07	0.006692
2627	490510.04	3858760.04	0.19725	0.17662	0.12327	0.20604	3.71E-04	1.5E-05	0.00268	2.3E-07	0.00306	4.54E-04	1.8987E-05	0.003297	1.29E-07	3.77E-03	0.0004	1.46E-05	0.006278	1.33E-07	0.006693
2628	490560.04	3858760.04	0.19393	0.17597	0.12325	0.20352	3.64E-04	1.5E-05	0.00268	2.3E-07	0.00306	4.47E-04	1.89172E-05	0.003296	1.27E-07	3.76E-03	0.000394	1.46E-05	0.006277	1.31E-07	0.006686
2629	490610.04	3858760.04	0.19064	0.17532	0.12318	0.20076	3.58E-04	1.5E-05	0.00267	2.2E-07	0.00305	4.39E-04	1.88473E-05	0.003295	1.26E-07	3.75E-03	0.000387	1.45E-05	0.006274	1.3E-07	0.006675
2630	490660.04	3858760.04	0.18756	0.17456	0.12302	0.19821	3.52E-04	1.5E-05	0.00267	2.2E-07	0.00304	4.32E-04	1.87656E-05	0.00329	1.24E-07	3.74E-03	0.000381	1.44E-05	0.006265	1.28E-07	0.006661
2631	490710.04	3858760.04	0.18457	0.17378	0.12281	0.19559	3.47E-04	1.5E-05	0.00267	2.2E-07	0.00303	4.25E-04	1.86817E-05	0.003285	1.22E-07	3.73E-03	0.000375	1.44E-05	0.006255	1.26E-07	0.006644
2632	490760.04	3858760.04	0.18148	0.17302	0.1226	0.19246	3.41E-04	1.5E-05	0.00266	2.2E-07	0.00302	4.18E-04	1.86E-05	0.003279	1.2E-07	3.72E-03	0.000368	1.43E-05	0.006244	1.24E-07	0.006627
2633	490810.04	3858760.04	0.17856	0.17219	0.12231	0.18947	3.36E-04	1.5E-05	0.00266	2.1E-07	0.00301	4.11E-04	1.85108E-05	0.003271	1.19E-07	3.70E-03	0.000363	1.42E-05	0.006229	1.22E-07	0.006606
2634	490860.04	3858760.04	0.17588	0.17129	0.12195	0.1868	3.31E-04	1.5E-05	0.00265	2.1E-07	0.00299	4.05E-04	1.84141E-05	0.003262	1.17E-07	3.69E-03	0.000357	1.42E-05	0.006211	1.21E-07	0.006582
2635	490360.04	3858810.04	0.20053	0.17085	0.11805	0.2041	3.77E-04	1.5E-05	0.00256	2.3E-07	0.00296	4.62E-04	1.83668E-05	0.003157	1.28E-07	3.64E-03	0.000407	1.41E-05	0.006012	1.32E-07	0.006434
2636	490410.04	3858810.04	0.19694	0.17072	0.11844	0.20171	3.70E-04	1.5E-05	0.00257	2.3E-07	0.00296	4.54E-04	1.83528E-05	0.003168	1.26E-07	3.64E-03	0.0004	1.41E-05	0.006032	1.3E-07	0.006446
2637	490460.04	3858810.04	0.19342	0.17049	0.11876	0.19911	3.63E-04	1.5E-05	0.00258	2.2E-07	0.00296	4.45E-04	1.83281E-05	0.003176	1.25E-07	3.64E-03	0.000393	1.41E-05	0.006049	1.29E-07	0.006455
2638	490510.04	3858810.04	0.19025	0.16995	0.11888	0.197	3.58E-04	1.5E-05	0.00258	2.2E-07	0.00295	4.38E-04	1.827E-05	0.00318	1.23E-07	3.64E-03	0.000386	1.41E-05	0.006055	1.27E-07	0.006455
2639	490560.04	3858810.04	0.18714	0.1694	0.11896	0.19468	3.52E-04	1.5E-05	0.00258	2.2E-07	0.00295	4.31E-04	1.82109E-05	0.003182	1.22E-07	3.63E-03	0.00038	1.4E-05	0.006059	1.26E-07	0.006453
2640	490610.04	3858810.04	0.18383	0.16896	0.11906	0.1916	3.45E-04	1.5E-05	0.00259	2.1E-07	0.00295	4.23E-04	1.81636E-05	0.003184	1.2E-07	3.63E-03	0.000373	1.4E-05	0.006064	1.24E-07	0.006451
2641	490660.04	3858810.04	0.18084	0.16831	0.11901	0.189	3.40E-04	1.5E-05	0.00258	2.1E-07	0.00294	4.16E-04	1.80937E-05	0.003183	1.18E-07	3.62E-03	0.000367	1.39E-05	0.006061	1.22E-07	0.006442
2642	490710.04	3858810.04	0.17783	0.16765	0.11893	0.18607	3.34E-04	1.5E-05	0.00258	2.1E-07	0.00293	4.10E-04	1.80228E-05	0.003181	1.16E-07	3.61E-03	0.000361	1.39E-05	0.006057	1.2E-07	0.006432
2643	490760.04	3858810.04	0.17461	0.167	0.11882	0.18233	3.28E-04	1.5E-05	0.00258	2E-07	0.00292	4.02E-04	1.79529E-05	0.003178	1.14E-07	3.60E-03	0.000355	1.38E-05	0.006052	1.18E-07	0.00642
2644	490810.04	3858810.04	0.17231	0.16609	0.11853	0.1806	3.24E-04	1.5E-05	0.00257	2E-07	0.00291	3.97E-04	1.7855E-05	0.00317	1.13E-07	3.58E-03	0.00035	1.37E-05	0.006037	1.17E-07	0.006401
2645	490860.04	3858810.04	0.16952	0.16528	0.11828	0.17746	3.19E-04	1.4E-05	0.00257	2E-07	0.0029	3.90E-04	1.7768E-05	0.003163	1.11E-07	3.57E-03	0.000344	1.37E-05	0.006024	1.15E-07	0.006382
2646	490360.04	3858860.04	0.19217	0.16466	0.11372	0.19379	3.61E-04	1.4E-05	0.00247	2.2E-07	0.00285	4.43E-04	1.77013E-05	0.003042	1.21E-07	3.50E-03	0.00039	1.36E-05	0.005792	1.25E-07	0.006196
2647	490410.04	3858860.04	0.18919	0.1642	0.11398	0.19246	3.56E-04	1.4E-05	0.00248	2.2E-07	0.00285	4.36E-04	1.76519E-05	0.003048	1.2E-07	3.50E-03	0.000384	1.36E-05	0.005805	1.24E-07	0.006203
2648	490460.04	3858860.04	0.18581	0.16419	0.11443	0.18983	3.49E-04	1.4E-05	0.00248	2.1E-07	0.00285	4.28E-04	1.76508E-05	0.003061	1.19E-07	3.51E-03	0.000377	1.36E-05	0.005828	1.23E-07	0.006219
2649	490510.04	3858860.04	0.18312	0.16357	0.11455	0.18846	3.44E-04	1.4E-05	0.00249	2.1E-07	0.00285	4.22E-04	1.75841E-05	0.003064	1.18E-07	3.50E-03	0.000372	1.35E-05	0.005834	1.22E-07	0.00622
2650	490560.04	3858860.04	0.18007	0.16324	0.11479	0.18594	3.38E-04	1.4E-05	0.00249	2.1E-07	0.00285	4.15E-04	1.75487E-05	0.00307	1.16E-07	3.50E-03	0.000366	1.35E-05	0.005846	1.2E-07	0.006226
2651	490610.04	3858860.04	0.17669	0.163	0.11504	0.18243	3.32E-04	1.4E-05	0.0025	2E-07	0.00284	4.07E-04	1.75229E-05	0.003077	1.14E-07	3.50E-03	0.000359	1.35E-05	0.005859	1.18E-07	0.006231
2652	490660.04	3858860.04	0.17394	0.16239	0.11507	0.18006	3.27E-04	1.4E-05	0.0025	2E-07	0.00284	4.01E-04	1.74573E-05	0.003078	1.13E-07	3.50E-03	0.000353	1.34E-05	0.005861	1.16E-07	0.006227
2653	490710.04	3858860.04	0.17151	0.16165	0.11499	0.17817	3.22E-04	1.4E-05	0.0025	2E-07	0.00283	3.95E-04	1.73777E-05	0.003075	1.11E-07	3.49E-03	0.000348	1.34E-05	0.005857	1.15E-07	0.006218
2654	490760.04	3858860.04	0.16853	0.16105	0.11496	0.17474	3.17E-04	1.4E-05	0.0025	2E-07	0.00283	3.88E-04	1.73132E-05	0.003075	1.09E-07	3.48E-03	0.000342	1.33E-05	0.005855	1.13E-07	0.006211
2655	490810.04	3858860.04	0.16571	0.16033	0.11485	0.17147	3.11E-04	1.4E-05	0.00249	1.9E-07	0.00282	3.82E-04	1.72358E-05	0.003072	1.07E-07	3.47E-03	0.000336	1.33E-05	0.005849	1.11E-07	0.006199
2656	490860.04	3858860.04	0.1629	0.15948	0.11468	0.16802	3.06E-04	1.4E-05	0.00249	1.9E-07	0.00281	3.75E-04	1.71445E-05	0.003067	1.05E-07	3.46E-03	0.000331	1.32E-05	0.005841	1.09E-07	0.006185
2657	490360.04	3858910.04	0.18438	0.1577	0.10902	0.18561	3.46E-04	1.4E-05	0.00237	2.1E-07	0.00273	4.25E-04	1.69531E-05	0.002916	1.16E-07	3.36E-03	0.000374	1.3E-05	0.005552	1.2E-07	0.00594
2658	490410.04	3858910.04	0.18145	0.15774	0.10952	0.18391	3.41E-04	1.4E-05	0.00238	2.1E-07	0.00273	4.18E-04	1.69574E-05	0.002929	1.15E-07	3.36E-03	0.000368	1.3E-05	0.005578	1.19E-07	0.005959
2659	490460.04	3858910.04	0.17854	0.15773	0.10999	0.18191	3.36E-04	1.4E-05	0.00239	2E-07	0.00274	4.11E-04	1.69563E-05	0.002942	1.14E-07	3.37E-03	0.000363	1.3E-05	0.005602	1.18E-07	0.005978
2660	490510.04	3858910.04	0.17561	0.15765	0.1104	0.17961	3.30E-04	1.4E-05	0.0024	2E-07	0.00274	4.04E-04	1.69477E-05	0.002953	1.12E-07	3.37E-03	0.000357	1.3E-05	0.005623	1.16E-07	0.005992
2661	490560.04	3858910.04	0.17265	0.15749	0.11075	0.17698	3.24E-04	1.4E-05	0.00241	2E-07	0.00274	3.98E-04	1.69305E-05	0.002962	1.11E-07	3.38E-03	0.000351	1.3E-05	0.005641	1.14E-07	0.006004
2662	490610.04	3858910.04	0.16972	0.15719	0.11101	0.17414	3.19E-04	1.4E-05	0.00241	1.9E-07	0.00274	3.91E-04	1.68983E-05	0.002969	1.09E-07	3.38E-03	0.000345	1.3E-05	0.005654	1.12E-07	0.006012
2663	490660.04	3858910.04	0.16713	0.15667	0.11113	0.17183	3.14E-04	1.4E-05	0.00241	1.9E-07	0.00274	3.85E-04	1.68424E-05	0.002972	1.07E-07	3.37E-03	0.000339	1.3E-05	0.00566	1.11E-07	0.006012
2664	490710.04	3858910.04	0.16443	0.15613	0.11122	0.16898	3.09E-04	1.4E-05	0.00242	1.9E-07	0.00274	3.79E-04	1.67843E-05	0.002975	1.06E-07	3.37E-03	0.000334	1.29E-05	0.005664	1.09E-07	0.006011
2665	490760.04	3858910.04	0.16153	0.15555	0.11127	0.16544	3.04E-04	1.4E-05	0.00242	1.8E-07	0.00273	3.72E-04	1.6722E-05	0.002976	1.03E-07	3.36E-03	0.000328	1.29E-05	0.005667	1.07E-07	0.006008
2666	490810.04	3858910.04	0.15917	0.15477	0.1112	0.16292	2.99E-04	1.4E-05	0.00241	1.8E-07	0.00273	3.67E-04	1.66381E-05	0.002974	1.02E-07	3.36E-03	0.000323	1.28E-05	0.005663	1.05E-07	0.006
2667	490860.04	3858910.04	0.15633	0.15391	0.11115	0.15914	2.94E-04	1.4E-05	0.00241	1.8E-07	0.00272	3.60E-04	1.65457E-05	0.002973	9.95E-08	3.35E-03	0.000317	1.27E-05	0.005661	1.03E-07	0.005991
2668	490360.04	3858960.04	0.17615	0.15137	0.10468	0.17686	3.31E-04	1.3E-05	0.00227	2E-07	0.00262	4.06E-04	1.62726E-05	0.0028	1.11E-07	3.22E-03	0.000358	1.25E-05	0.005331	1.14E-07	0.005702
2669	490410.04	3858960.04	0.17338	0.15172	0.1053	0.17505	3.26E-04	1.3E-05	0.00229	2E-07	0.00263	3.99E-04	1.63102E-05	0.002816	1.09E-07	3.23E-03	0.000352	1.25E-05	0.005363	1.13E-07	0.005728
2670	490460.04	3858960.04	0.17056	0.15197	0.10589	0.17287	3.21E-04	1.3E-05	0.0023	1.9E-07	0.00263	3.93E-04	1.63371E-05	0.002832	1.08E-07	3.24E-03	0.000346	1.26E-05	0.005393	1.12E-07	0.005752
2671	490510.04	3858960.04	0.16791	0.15196	0.10634	0.17081	3.16E-04	1.3E-05	0.00231	1.9E-07	0.00264	3.87E-04	1.6336E-05	0.002844	1.07E-07	3.25E-03	0.000341	1.26E-05	0.005416	1.1E-07	0.00577
2672	490560.04	3858960.04	0.16532	0.15181	0.10671	0.16862	3.11E-04	1.3E-05	0.00232	1.9E-07	0.00264	3.81E-04	1.63199E-05	0.002854	1.05E-07	3.25E-03	0.000336	1.26E-05	0.005435	1.09E-07	0.005783
2673	490610.04	3858960.04	0.16239	0.15167	0.10708	0.16549	3.05E-04	1.3E-05	0.00233	1.8E-07	0.00264	3.74E-04	1.63049E-05	0.002864	1.04E-07	3.25E-03	0.00033	1.25E-05	0.005454	1.07E-07	0.005796
2674	490660.04	3858960.04	0.1604	0.15113	0.10724	0.1641	3.01E-04	1.3E-05	0.00233	1.8E-07	0.00264	3.69E-04	1.62468E-05	0.002868	1.03E-07	3.25E-03	0.000326	1.25E-05	0.005462	1.06E-07	0.0058
2675	490710.04	3858960.04	0.15763	0.15073	0.10744	0.16076	2.96E-04	1.3E-05	0.00233	1.8E-07	0.00264	3.63E-04	1.62038E-05	0.002874	1.01E-07	3.25E-03	0.00032	1.25E-05	0.005472	1.04E-07	0.005805
2676	490760.04	3858960.04	0.15508	0.15016	0.10755	0.15775	2.91E-04	1.3E-05	0.00234	1.8E-07	0.00264	3.57E-04	1.61425E-05	0.002876	9.87E-08	3.25E-03	0.000315	1.24E-05	0.005478	1.02E-07	0.005805
2677	490810.04	3858960.04	0.15256	0.14941	0.1076	0.15458	2.87E-04	1.3E-05	0.00234	1.7E-07	0.00264	3.51E-04	1.60619E-05	0.002878	9.67E-08	3.25E-03	0.00031	1.24E-05	0.00548	9.99E-08	0.005802
2678	490860.04	3858960.04	0.14979	0.14859	0.10762	0.15065	2.81E-04	1.3E-05	0.00234	1.7E-07	0.00263	3.45E-04	1.59738E-05	0.002878	9.42E-08	3.24E-03	0.000304	1.23E-05	0.005481	9.73E-08	0.005798
2679	490360.04	3859010.04	0.16798	0.14504	0.10045	0.16854	3.16E-04	1.3E-05	0.00218	1.9E-07	0.00251	3.87E-04	1.55921E-05	0.002687	1.05E-07	3.09E-03	0.000341	1.2E-05	0.005116	1.09E-07	0.005469
2680	490410.04	3859010.04	0.16539	0.14566	0.10115	0.16671	3.11E-04	1.3E-05	0.0022	1.9E-07	0.00252	3.81E-04	1.56588E-05	0.002705	1.04E-07	3.10E-03	0.000336	1.2E-05	0.005152	1.08E-07	0.0055

2681	490460.04	3859010.04	0.16256	0.14621	0.10184	0.16417	3.05E-04	1.3E-05	0.00221	1.8E-07	0.00253	3.74E-04	1.57179E-05	0.002724	1.03E-07	3.11E-03	0.00033	1.21E-05	0.005187	1.06E-07	0.005529
2682	490510.04	3859010.04	0.15977	0.14649	0.10241	0.16148	3.00E-04	1.3E-05	0.00222	1.8E-07	0.00254	3.68E-04	1.5748E-05	0.002739	1.01E-07	3.12E-03	0.000324	1.21E-05	0.005216	1.04E-07	0.005552
2683	490560.04	3859010.04	0.15776	0.14632	0.10277	0.1601	2.96E-04	1.3E-05	0.00223	1.8E-07	0.00254	3.63E-04	1.57297E-05	0.002749	1E-07	3.13E-03	0.00032	1.21E-05	0.005234	1.03E-07	0.005567
2684	490610.04	3859010.04	0.15509	0.14624	0.10321	0.15717	2.91E-04	1.3E-05	0.00224	1.8E-07	0.00255	3.57E-04	1.57211E-05	0.00276	9.83E-08	3.13E-03	0.000315	1.21E-05	0.005257	1.02E-07	0.005584
2685	490660.04	3859010.04	0.15339	0.14582	0.10343	0.15602	2.88E-04	1.3E-05	0.00225	1.7E-07	0.00255	3.53E-04	1.5676E-05	0.002766	9.76E-08	3.14E-03	0.000311	1.21E-05	0.005268	1.01E-07	0.005591
2686	490710.04	3859010.04	0.15074	0.14549	0.10371	0.15265	2.83E-04	1.3E-05	0.00225	1.7E-07	0.00255	3.47E-04	1.56405E-05	0.002774	9.55E-08	3.14E-03	0.000306	1.2E-05	0.005282	9.86E-08	0.0056
2687	490760.04	3859010.04	0.14828	0.14491	0.1039	0.14952	2.79E-04	1.3E-05	0.00226	1.7E-07	0.00255	3.41E-04	1.55781E-05	0.002779	9.35E-08	3.14E-03	0.000301	1.2E-05	0.005292	9.66E-08	0.005605
2688	490810.04	3859010.04	0.14582	0.14423	0.10404	0.14619	2.74E-04	1.3E-05	0.00226	1.6E-07	0.00255	3.36E-04	1.5505E-05	0.002783	9.14E-08	3.13E-03	0.000296	1.19E-05	0.005299	9.44E-08	0.005607
2689	490860.04	3859010.04	0.14354	0.14349	0.10413	0.1431	2.70E-04	1.3E-05	0.00226	1.6E-07	0.00254	3.31E-04	1.54255E-05	0.002785	8.95E-08	3.13E-03	0.000291	1.19E-05	0.005303	9.24E-08	0.005607
2690	490360.04	3859060.04	0.15978	0.13885	0.09642	0.16035	3.00E-04	1.2E-05	0.00209	1.8E-07	0.00241	3.68E-04	1.49267E-05	0.002579	1E-07	2.96E-03	0.000324	1.15E-05	0.004911	1.04E-07	0.005247
2691	490410.04	3859060.04	0.15707	0.13986	0.09723	0.15793	2.95E-04	1.2E-05	0.00211	1.8E-07	0.00242	3.62E-04	1.50353E-05	0.0026	9.88E-08	2.98E-03	0.000319	1.16E-05	0.004952	1.02E-07	0.005283
2692	490460.04	3859060.04	0.15463	0.14042	0.09786	0.15584	2.91E-04	1.2E-05	0.00213	1.7E-07	0.00243	3.56E-04	1.50955E-05	0.002617	9.75E-08	2.99E-03	0.000314	1.16E-05	0.004984	1.01E-07	0.00531
2693	490510.04	3859060.04	0.1524	0.14072	0.0984	0.15386	2.86E-04	1.2E-05	0.00214	1.7E-07	0.00244	3.51E-04	1.51277E-05	0.002632	9.62E-08	3.00E-03	0.000309	1.16E-05	0.005012	9.94E-08	0.005333
2694	490560.04	3859060.04	0.14989	0.14092	0.09896	0.15115	2.82E-04	1.2E-05	0.00215	1.7E-07	0.00244	3.45E-04	1.51492E-05	0.002647	9.45E-08	3.01E-03	0.000304	1.17E-05	0.00504	9.76E-08	0.005356
2695	490610.04	3859060.04	0.14801	0.14082	0.09935	0.14941	2.78E-04	1.2E-05	0.00216	1.7E-07	0.00245	3.41E-04	1.51385E-05	0.002657	9.34E-08	3.01E-03	0.000301	1.16E-05	0.00506	9.65E-08	0.005372
2696	490660.04	3859060.04	0.14621	0.1406	0.09969	0.14773	2.75E-04	1.2E-05	0.00216	1.7E-07	0.00245	3.37E-04	1.51148E-05	0.002666	9.24E-08	3.02E-03	0.000297	1.16E-05	0.005077	9.54E-08	0.005386
2697	490710.04	3859060.04	0.14372	0.14028	0.10003	0.1444	2.70E-04	1.2E-05	0.00217	1.6E-07	0.00245	3.31E-04	1.50804E-05	0.002675	9.03E-08	3.02E-03	0.000292	1.16E-05	0.005095	9.33E-08	0.005398
2698	490760.04	3859060.04	0.14141	0.13977	0.10028	0.1413	2.66E-04	1.2E-05	0.00218	1.6E-07	0.00246	3.26E-04	1.50256E-05	0.002682	8.84E-08	3.02E-03	0.000287	1.16E-05	0.005107	9.13E-08	0.005406
2699	490810.04	3859060.04	0.13908	0.13917	0.1005	0.13794	2.61E-04	1.2E-05	0.00218	1.5E-07	0.00246	3.20E-04	1.49611E-05	0.002688	8.63E-08	3.02E-03	0.000282	1.15E-05	0.005119	8.91E-08	0.005413
2700	490860.04	3859060.04	0.13696	0.13744	0.10065	0.13487	2.57E-04	1.2E-05	0.00219	1.5E-07	0.00246	3.15E-04	1.47751E-05	0.002692	8.44E-08	3.02E-03	0.000278	1.14E-05	0.005126	8.71E-08	0.005416
2701	490360.04	3859110.04	0.15199	0.13247	0.09249	0.15299	2.86E-04	1.2E-05	0.00201	1.7E-07	0.00231	3.50E-04	1.42408E-05	0.002474	9.57E-08	2.84E-03	0.000309	1.1E-05	0.004711	9.88E-08	0.00503
2702	490410.04	3859110.04	0.1496	0.13362	0.09328	0.15085	2.81E-04	1.2E-05	0.00203	1.7E-07	0.00232	3.45E-04	1.43644E-05	0.002495	9.43E-08	2.85E-03	0.000304	1.11E-05	0.004751	9.74E-08	0.005066
2703	490460.04	3859110.04	0.14765	0.13427	0.09386	0.14936	2.77E-04	1.2E-05	0.00204	1.7E-07	0.00233	3.40E-04	1.44343E-05	0.00251	9.34E-08	2.86E-03	0.0003	1.11E-05	0.00478	9.65E-08	0.005091
2704	490510.04	3859110.04	0.14478	0.13504	0.09458	0.14587	2.72E-04	1.2E-05	0.00205	1.6E-07	0.00234	3.33E-04	1.45171E-05	0.00253	9.12E-08	2.88E-03	0.000294	1.12E-05	0.004817	9.42E-08	0.005122
2705	490560.04	3859110.04	0.14274	0.13533	0.09512	0.14368	2.68E-04	1.2E-05	0.00207	1.6E-07	0.00235	3.29E-04	1.45483E-05	0.002544	8.99E-08	2.89E-03	0.00029	1.12E-05	0.004845	9.28E-08	0.005146
2706	490610.04	3859110.04	0.14055	0.13546	0.09561	0.14101	2.64E-04	1.2E-05	0.00208	1.6E-07	0.00235	3.24E-04	1.45623E-05	0.002557	8.82E-08	2.90E-03	0.000285	1.12E-05	0.004869	9.11E-08	0.005166
2707	490660.04	3859110.04	0.13815	0.13532	0.09605	0.13772	2.60E-04	1.2E-05	0.00209	1.5E-07	0.00236	3.18E-04	1.45472E-05	0.002569	8.61E-08	2.90E-03	0.00028	1.12E-05	0.004892	8.9E-08	0.005184
2708	490710.04	3859110.04	0.1365	0.13506	0.09637	0.13585	2.57E-04	1.2E-05	0.00209	1.5E-07	0.00236	3.14E-04	1.45193E-05	0.002577	8.5E-08	2.91E-03	0.000277	1.12E-05	0.004908	8.78E-08	0.005197
2709	490760.04	3859110.04	0.13452	0.13468	0.09669	0.13311	2.53E-04	1.2E-05	0.0021	1.5E-07	0.00236	3.10E-04	1.44784E-05	0.002586	8.33E-08	2.91E-03	0.000273	1.11E-05	0.004924	8.6E-08	0.005209
2710	490810.04	3859110.04	0.13225	0.1334	0.09696	0.12955	2.49E-04	1.2E-05	0.00211	1.4E-07	0.00237	3.05E-04	1.43408E-05	0.002593	8.1E-08	2.91E-03	0.000269	1.1E-05	0.004938	8.37E-08	0.005218
2711	490860.04	3859110.04	0.13004	0.13238	0.09721	0.12599	2.44E-04	1.2E-05	0.00211	1.4E-07	0.00237	2.99E-04	1.42311E-05	0.0026	7.88E-08	2.91E-03	0.000264	1.09E-05	0.004951	8.14E-08	0.005226
2712	490360.04	3859160.04	0.14454	0.1261	0.08875	0.14611	2.72E-04	1.1E-05	0.00193	1.6E-07	0.00221	3.33E-04	1.3556E-05	0.002374	9.14E-08	2.72E-03	0.000293	1.04E-05	0.00452	9.44E-08	0.004824
2713	490410.04	3859160.04	0.14255	0.12734	0.08948	0.14444	2.68E-04	1.1E-05	0.00194	1.6E-07	0.00222	3.28E-04	1.36893E-05	0.002393	9.03E-08	2.74E-03	0.000289	1.05E-05	0.004557	9.33E-08	0.004857
2714	490460.04	3859160.04	0.14062	0.12828	0.09011	0.1427	2.64E-04	1.1E-05	0.00196	1.6E-07	0.00223	3.24E-04	1.37904E-05	0.00241	8.93E-08	2.75E-03	0.000286	1.06E-05	0.004589	9.22E-08	0.004886
2715	490510.04	3859160.04	0.13859	0.12904	0.09072	0.14056	2.60E-04	1.1E-05	0.00197	1.6E-07	0.00224	3.19E-04	1.38721E-05	0.002426	8.79E-08	2.76E-03	0.000281	1.07E-05	0.00462	9.08E-08	0.004913
2716	490560.04	3859160.04	0.13621	0.12965	0.09135	0.13746	2.56E-04	1.1E-05	0.00198	1.5E-07	0.00225	3.14E-04	1.39377E-05	0.002443	8.6E-08	2.77E-03	0.000277	1.07E-05	0.004653	8.88E-08	0.00494
2717	490610.04	3859160.04	0.13445	0.12993	0.09183	0.1354	2.53E-04	1.1E-05	0.00199	1.5E-07	0.00226	3.10E-04	1.39678E-05	0.002456	8.47E-08	2.78E-03	0.000273	1.07E-05	0.004677	8.75E-08	0.004961
2718	490660.04	3859160.04	0.13119	0.12996	0.09234	0.13005	2.47E-04	1.1E-05	0.00201	1.5E-07	0.00226	3.02E-04	1.3971E-05	0.00247	8.13E-08	2.79E-03	0.000266	1.07E-05	0.004703	8.4E-08	0.00498
2719	490710.04	3859160.04	0.12962	0.12985	0.09273	0.12802	2.44E-04	1.1E-05	0.00201	1.4E-07	0.00227	2.98E-04	1.39592E-05	0.00248	8.01E-08	2.79E-03	0.000263	1.07E-05	0.004723	8.27E-08	0.004997
2720	490760.04	3859160.04	0.12708	0.12895	0.09312	0.1237	2.39E-04	1.1E-05	0.00202	1.4E-07	0.00227	2.93E-04	1.38624E-05	0.002491	7.74E-08	2.80E-03	0.000258	1.07E-05	0.004743	7.99E-08	0.005011
2721	490810.04	3859160.04	0.12554	0.12839	0.09346	0.12143	2.36E-04	1.1E-05	0.00203	1.4E-07	0.00228	2.89E-04	1.38022E-05	0.0025	7.59E-08	2.80E-03	0.000255	1.06E-05	0.00476	7.84E-08	0.005026
2722	490860.04	3859160.04	0.12384	0.1276	0.09372	0.11879	2.33E-04	1.1E-05	0.00204	1.3E-07	0.00228	2.85E-04	1.37173E-05	0.002507	7.43E-08	2.81E-03	0.000251	1.06E-05	0.004773	7.67E-08	0.005035
2723	490360.04	3859210.04	0.13737	0.11995	0.08531	0.13941	2.58E-04	1.1E-05	0.00185	1.6E-07	0.00212	3.16E-04	1.28949E-05	0.002282	8.72E-08	2.61E-03	0.000279	9.92E-06	0.004345	9.01E-08	0.004634
2724	490410.04	3859210.04	0.13615	0.12092	0.0858	0.13898	2.56E-04	1.1E-05	0.00186	1.6E-07	0.00213	3.14E-04	1.29992E-05	0.002295	8.69E-08	2.62E-03	0.000276	1E-05	0.00437	8.98E-08	0.004656
2725	490460.04	3859210.04	0.13391	0.12234	0.08656	0.13645	2.52E-04	1.1E-05	0.00188	1.5E-07	0.00214	3.08E-04	1.31518E-05	0.002315	8.53E-08	2.64E-03	0.000272	1.01E-05	0.004409	8.81E-08	0.004691
2726	490510.04	3859210.04	0.13203	0.12327	0.08715	0.13436	2.48E-04	1.1E-05	0.00189	1.5E-07	0.00215	3.04E-04	1.32518E-05	0.002331	8.4E-08	2.65E-03	0.000268	1.02E-05	0.004439	8.68E-08	0.004717
2727	490560.04	3859210.04	0.13057	0.12388	0.08766	0.1329	2.45E-04	1.1E-05	0.0019	1.5E-07	0.00216	3.01E-04	1.33174E-05	0.002345	8.31E-08	2.66E-03	0.000265	1.02E-05	0.004465	8.58E-08	0.00474
2728	490610.04	3859210.04	0.12869	0.12441	0.08819	0.13034	2.42E-04	1.1E-05	0.00192	1.5E-07	0.00217	2.96E-04	1.33744E-05	0.002359	8.15E-08	2.67E-03	0.000261	1.03E-05	0.004492	8.42E-08	0.004763
2729	490660.04	3859210.04	0.12594	0.12466	0.08869	0.12587	2.37E-04	1.1E-05	0.00193	1.4E-07	0.00217	2.90E-04	1.34012E-05	0.002372	7.87E-08	2.68E-03	0.000256	1.03E-05	0.004517	8.13E-08	0.004783
2730	490710.04	3859210.04	0.12417	0.12473	0.0891	0.1234	2.33E-04	1.1E-05	0.00193	1.4E-07	0.00218	2.86E-04	1.34088E-05	0.002383	7.72E-08	2.68E-03	0.000252	1.03E-05	0.004538	7.97E-08	0.0048
2731	490760.04	3859210.04	0.12178	0.12411	0.08955	0.11895	2.29E-04	1.1E-05	0.00194	1.3E-07	0.00218	2.80E-04	1.33421E-05	0.002395	7.44E-08	2.69E-03	0.000247	1.03E-05	0.004561	7.68E-08	0.004818
2732	490810.04	3859210.04	0.12116	0.12398	0.08991	0.11851	2.28E-04	1.1E-05	0.00195	1.3E-07	0.00219	2.79E-04	1.33281E-05	0.002405	7.41E-08	2.70E-03	0.000246	1.03E-05	0.004579	7.66E-08	0.004835
2733	490860.04	3859210.04	0.12043	0.12373	0.09024	0.11783	2.26E-04	1.1E-05	0.00196	1.3E-07	0.0022	2.77E-04	1.33013E-05	0.002414	7.37E-08	2.70E-03	0.000245	1.02E-05	0.004596	7.61E-08	0.004851
2734	490360.04	3859260.04	0.13046	0.11426	0.08224	0.13261	2.45E-04	1E-05	0.00179	1.5E-07	0.00204	3.00E-04	1.22832E-05	0.0022	8.29E-08	2.51E-03	0.000265	9.45E-06	0.004189	8.57E-08	0.004463
2735	490410.04	3859260.04	0.12929	0.11534	0.08269	0.13209	2.43E-04	1E-05	0.0018	1.5E-07	0.00205	2.98E-04	1.23993E-05	0.002212	8.26E-08	2.52E-03	0.000263	9.54E-06	0.004211	8.53E-08	0.004484
2736	490460.04	3859260.04	0.12824	0.11624	0.08311	0.13169	2.41E-04	1E-05	0.00181	1.5E-07	0.00206	2.95E-04	1.24961E-05	0.002223	8.24E-08	2.53E-03	0.00026	9.61E-06	0.004233	8.51E-08	0.004503
2737	490510.04	3859260.04	0.12714	0.11706	0.08354	0.1311	2.39E-04	1E-05	0.00181	1.5E-07	0.00206	2.93E-04	1.25842E-05	0.002234	8.2E-08	2.54E-03	0.000258	9.68E-06	0.004255	8.47E-08	0.004523
2738	490560.04	3859260.04	0.12563	0.11802	0.08409	0.12937	2.36E-04	1E-05	0.00183	1.4E-07	0.00207	2.89E-04	1.26874E-05	0.002249	8.09E-08	2.55E-03	0.000255	9.76E-06	0.004283	8.36E-08	0.004548
2739	490610.04	3859260.04	0.1235	0.11889	0.0847	0.12619	2.32E-04	1E-05	0.00184	1.4E-07	0.00208	2.84E-04	1.27809E-05	0.002265	7.89E-08	2.56E-03	0.000251	9.83E-06	0.004314	8.15E-08	0.004574
2740	490660.04	3859260.04	0.12279	0.1193	0.0851	0.12583	2.31E-04	1E-05	0.00185	1.4E-07	0.00209	2.83E-04	1.2825E-05	0.002276	7.87E-08	2.57E-03	0.000249	9.87E-06	0.004334	8.13E-08	0.004593
2741	490710.04	3859260.04	0.12141	0.11967	0.08554	0.12415	2.28E-04	1E-05	0.00186	1.4E-07	0.0021	2.80E-04	1.28648E-05	0.002288	7.76E-08	2.58E-03	0.000247	9.9E-06	0.004357	8.02E-08	0.004613

2742	490760.04	3859260.04	0.11916	0.11983	0.08601	0.11999	2.24E-04	1.1E-05	0.00187	1.3E-07	0.0021	2.74E-04	1.2882E-05	0.0023	7.5E-08	2.59E-03	0.000242	9.91E-06	0.004381	7.75E-08	0.004632
2743	490810.04	3859260.04	0.11833	0.11991	0.08639	0.11902	2.22E-04	1.1E-05	0.00188	1.3E-07	0.00211	2.72E-04	1.28906E-05	0.002311	7.44E-08	2.60E-03	0.00024	9.92E-06	0.0044	7.69E-08	0.00465
2744	490860.04	3859260.04	0.11747	0.11991	0.08677	0.11796	2.21E-04	1.1E-05	0.00188	1.3E-07	0.00212	2.71E-04	1.28906E-05	0.002321	7.38E-08	2.60E-03	0.000239	9.92E-06	0.004419	7.62E-08	0.004668
2745	490360.04	3859310.04	0.12438	0.10849	0.07923	0.12685	2.34E-04	9.5E-06	0.00172	1.4E-07	0.00196	2.86E-04	1.16629E-05	0.002119	7.93E-08	2.42E-03	0.000253	8.97E-06	0.004035	8.19E-08	0.004297
2746	490410.04	3859310.04	0.12344	0.10958	0.07962	0.12658	2.32E-04	9.6E-06	0.00173	1.4E-07	0.00197	2.84E-04	1.17801E-05	0.002129	7.92E-08	2.43E-03	0.000251	9.06E-06	0.004055	8.18E-08	0.004315
2747	490460.04	3859310.04	0.12252	0.11056	0.08	0.12628	2.30E-04	9.7E-06	0.00174	1.4E-07	0.00198	2.82E-04	1.18854E-05	0.00214	7.9E-08	2.43E-03	0.000249	9.14E-06	0.004074	8.16E-08	0.004332
2748	490510.04	3859310.04	0.12173	0.11137	0.08035	0.12614	2.29E-04	9.8E-06	0.00174	1.4E-07	0.00198	2.80E-04	1.19725E-05	0.002149	7.89E-08	2.44E-03	0.000247	9.21E-06	0.004092	8.15E-08	0.004349
2749	490560.04	3859310.04	0.12085	0.1122	0.08075	0.12571	2.27E-04	9.8E-06	0.00175	1.4E-07	0.00199	2.78E-04	1.20618E-05	0.00216	7.86E-08	2.45E-03	0.000245	9.28E-06	0.004113	8.12E-08	0.004367
2750	490610.04	3859310.04	0.12007	0.11291	0.08114	0.12533	2.26E-04	9.9E-06	0.00176	1.4E-07	0.002	2.76E-04	1.21381E-05	0.00217	7.84E-08	2.46E-03	0.000244	9.34E-06	0.004133	8.1E-08	0.004386
2751	490660.04	3859310.04	0.11904	0.11365	0.0816	0.1243	2.24E-04	1E-05	0.00177	1.4E-07	0.00201	2.74E-04	1.22176E-05	0.002182	7.77E-08	2.47E-03	0.000242	9.4E-06	0.004156	8.03E-08	0.004407
2752	490710.04	3859310.04	0.1172	0.11447	0.08219	0.12129	2.20E-04	1E-05	0.00178	1.4E-07	0.00202	2.70E-04	1.23058E-05	0.002198	7.59E-08	2.48E-03	0.000238	9.47E-06	0.004186	7.83E-08	0.004433
2753	490760.04	3859310.04	0.11597	0.11493	0.08263	0.1195	2.18E-04	1E-05	0.00179	1.3E-07	0.00202	2.67E-04	1.23552E-05	0.00221	7.47E-08	2.49E-03	0.000235	9.5E-06	0.004208	7.72E-08	0.004453
2754	490810.04	3859310.04	0.11518	0.11519	0.08303	0.11858	2.16E-04	1E-05	0.0018	1.3E-07	0.00203	2.65E-04	1.23832E-05	0.002221	7.42E-08	2.50E-03	0.000234	9.53E-06	0.004229	7.66E-08	0.004472
2755	490860.04	3859310.04	0.11399	0.11535	0.08344	0.11668	2.14E-04	1E-05	0.00181	1.3E-07	0.00204	2.62E-04	1.24004E-05	0.002232	7.3E-08	2.51E-03	0.000231	9.54E-06	0.00425	7.54E-08	0.004491
2756	490360.04	3859360.04	0.11867	0.10308	0.07644	0.12135	2.23E-04	9E-06	0.00166	1.4E-07	0.00189	2.73E-04	1.10813E-05	0.002044	7.59E-08	2.33E-03	0.000241	8.52E-06	0.003893	7.84E-08	0.004143
2757	490410.04	3859360.04	0.11805	0.10394	0.07668	0.12153	2.22E-04	9.1E-06	0.00167	1.4E-07	0.0019	2.72E-04	1.11738E-05	0.002051	7.6E-08	2.33E-03	0.00024	8.6E-06	0.003905	7.85E-08	0.004154
2758	490460.04	3859360.04	0.11745	0.10477	0.07693	0.12172	2.21E-04	9.2E-06	0.00167	1.4E-07	0.0019	2.70E-04	1.1263E-05	0.002058	7.61E-08	2.34E-03	0.000238	8.66E-06	0.003918	7.86E-08	0.004165
2759	490510.04	3859360.04	0.11682	0.10563	0.07723	0.1218	2.20E-04	9.3E-06	0.00168	1.4E-07	0.00191	2.69E-04	1.13555E-05	0.002066	7.62E-08	2.35E-03	0.000237	8.74E-06	0.003933	7.87E-08	0.004179
2760	490560.04	3859360.04	0.11602	0.10664	0.07766	0.12138	2.18E-04	9.4E-06	0.00169	1.4E-07	0.00191	2.67E-04	1.1464E-05	0.002077	7.59E-08	2.36E-03	0.000236	8.82E-06	0.003955	7.84E-08	0.0042
2761	490610.04	3859360.04	0.11519	0.10756	0.07807	0.12083	2.16E-04	9.4E-06	0.0017	1.4E-07	0.00192	2.65E-04	1.15629E-05	0.002088	7.56E-08	2.36E-03	0.000234	8.9E-06	0.003976	7.81E-08	0.004219
2762	490660.04	3859360.04	0.11442	0.10833	0.07847	0.12033	2.15E-04	9.5E-06	0.0017	1.3E-07	0.00193	2.63E-04	1.16457E-05	0.002099	7.53E-08	2.37E-03	0.000232	8.96E-06	0.003997	7.77E-08	0.004238
2763	490710.04	3859360.04	0.11334	0.10917	0.07894	0.119	2.13E-04	9.6E-06	0.00171	1.3E-07	0.00194	2.61E-04	1.1736E-05	0.002111	7.44E-08	2.38E-03	0.00023	9.03E-06	0.00402	7.69E-08	0.00426
2764	490760.04	3859360.04	0.11212	0.10988	0.07943	0.11717	2.11E-04	9.6E-06	0.00172	1.3E-07	0.00195	2.58E-04	1.18123E-05	0.002124	7.33E-08	2.39E-03	0.000228	9.09E-06	0.004045	7.57E-08	0.004282
2765	490810.04	3859360.04	0.1117	0.11029	0.07978	0.11708	2.10E-04	9.7E-06	0.00173	1.3E-07	0.00195	2.57E-04	1.18564E-05	0.002134	7.32E-08	2.40E-03	0.000227	9.12E-06	0.004063	7.56E-08	0.004299
2766	490860.04	3859360.04	0.11084	0.1107	0.0802	0.11588	2.08E-04	9.7E-06	0.00174	1.3E-07	0.00196	2.55E-04	1.19005E-05	0.002145	7.25E-08	2.41E-03	0.000225	9.15E-06	0.004085	7.49E-08	0.004319
2767	490360.04	3859410.04	0.11322	0.09809	0.07387	0.11616	2.13E-04	8.6E-06	0.0016	1.3E-07	0.00183	2.61E-04	1.05449E-05	0.001976	7.27E-08	2.25E-03	0.00023	8.11E-06	0.003762	7.5E-08	0.004
2768	490410.04	3859410.04	0.11278	0.09879	0.07401	0.11643	2.12E-04	8.7E-06	0.00161	1.3E-07	0.00183	2.60E-04	1.06201E-05	0.001979	7.28E-08	2.25E-03	0.000229	8.17E-06	0.003769	7.52E-08	0.004007
2769	490460.04	3859410.04	0.11233	0.09956	0.0742	0.11669	2.11E-04	8.7E-06	0.00161	1.3E-07	0.00183	2.59E-04	1.07029E-05	0.001985	7.3E-08	2.25E-03	0.000228	8.23E-06	0.003779	7.54E-08	0.004015
2770	490510.04	3859410.04	0.11185	0.10038	0.07445	0.11689	2.10E-04	8.8E-06	0.00162	1.3E-07	0.00184	2.58E-04	1.07911E-05	0.001991	7.31E-08	2.26E-03	0.000227	8.3E-06	0.003792	7.55E-08	0.004027
2771	490560.04	3859410.04	0.11135	0.10122	0.07473	0.11702	2.09E-04	8.9E-06	0.00162	1.3E-07	0.00184	2.56E-04	1.08814E-05	0.001999	7.32E-08	2.27E-03	0.000226	8.37E-06	0.003806	7.56E-08	0.004041
2772	490610.04	3859410.04	0.11083	0.10207	0.07505	0.11704	2.08E-04	9E-06	0.00163	1.3E-07	0.00185	2.55E-04	1.09728E-05	0.002007	7.32E-08	2.27E-03	0.000225	8.44E-06	0.003822	7.56E-08	0.004056
2773	490660.04	3859410.04	0.11007	0.10308	0.0755	0.11644	2.07E-04	9E-06	0.00164	1.3E-07	0.00186	2.53E-04	1.10813E-05	0.002019	7.28E-08	2.28E-03	0.000223	8.52E-06	0.003845	7.52E-08	0.004077
2774	490710.04	3859410.04	0.10931	0.10394	0.07591	0.11584	2.05E-04	9.1E-06	0.00165	1.3E-07	0.00186	2.52E-04	1.11738E-05	0.00203	7.25E-08	2.29E-03	0.000222	8.6E-06	0.003866	7.48E-08	0.004097
2775	490760.04	3859410.04	0.10831	0.10483	0.07637	0.11448	2.04E-04	9.2E-06	0.00166	1.3E-07	0.00187	2.49E-04	1.12695E-05	0.002043	7.16E-08	2.30E-03	0.00022	8.67E-06	0.00389	7.4E-08	0.004118
2776	490810.04	3859410.04	0.10787	0.10539	0.07672	0.11431	2.03E-04	9.2E-06	0.00167	1.3E-07	0.00188	2.48E-04	1.13297E-05	0.002052	7.15E-08	2.31E-03	0.000219	8.72E-06	0.003907	7.38E-08	0.004135
2777	490860.04	3859410.04	0.10759	0.1058	0.07704	0.11452	2.02E-04	9.3E-06	0.00167	1.3E-07	0.00188	2.48E-04	1.13737E-05	0.00206	7.16E-08	2.32E-03	0.000218	8.75E-06	0.003924	7.4E-08	0.004151
2778	490360.04	3859460.04	0.10803	0.09366	0.07156	0.11128	2.03E-04	8.2E-06	0.00155	1.2E-07	0.00177	2.49E-04	1.00687E-05	0.001914	6.96E-08	2.17E-03	0.000219	7.75E-06	0.003645	7.19E-08	0.003872
2779	490410.04	3859460.04	0.10772	0.09432	0.07169	0.11143	2.02E-04	8.3E-06	0.00156	1.2E-07	0.00177	2.48E-04	1.01396E-05	0.001917	6.97E-08	2.18E-03	0.000219	7.8E-06	0.003651	7.2E-08	0.003878
2780	490460.04	3859460.04	0.1074	0.09494	0.07179	0.1117	2.02E-04	8.3E-06	0.00156	1.2E-07	0.00177	2.47E-04	1.02063E-05	0.00192	6.99E-08	2.18E-03	0.000218	7.85E-06	0.003656	7.22E-08	0.003882
2781	490510.04	3859460.04	0.10706	0.09564	0.07196	0.11195	2.01E-04	8.4E-06	0.00156	1.3E-07	0.00177	2.47E-04	1.02815E-05	0.001925	7E-08	2.18E-03	0.000217	7.91E-06	0.003665	7.23E-08	0.00389
2782	490560.04	3859460.04	0.10669	0.09636	0.07215	0.11222	2.00E-04	8.5E-06	0.00157	1.3E-07	0.00178	2.46E-04	1.03589E-05	0.00193	7.02E-08	2.19E-03	0.000217	7.97E-06	0.003675	7.25E-08	0.003899
2783	490610.04	3859460.04	0.10628	0.09721	0.07243	0.11233	2.00E-04	8.5E-06	0.00157	1.3E-07	0.00178	2.45E-04	1.04503E-05	0.001937	7.03E-08	2.19E-03	0.000216	8.04E-06	0.003689	7.26E-08	0.003913
2784	490660.04	3859460.04	0.10582	0.0981	0.07277	0.11226	1.99E-04	8.6E-06	0.00158	1.3E-07	0.00179	2.44E-04	1.0546E-05	0.001946	7.02E-08	2.20E-03	0.000215	8.11E-06	0.003706	7.25E-08	0.003929
2785	490710.04	3859460.04	0.10537	0.09884	0.07305	0.11233	1.98E-04	8.7E-06	0.00159	1.3E-07	0.00179	2.43E-04	1.06255E-05	0.001954	7.03E-08	2.21E-03	0.000214	8.17E-06	0.00372	7.26E-08	0.003943
2786	490760.04	3859460.04	0.10483	0.0997	0.07343	0.11198	1.97E-04	8.7E-06	0.00159	1.3E-07	0.0018	2.41E-04	1.0718E-05	0.001964	7E-08	2.22E-03	0.000213	8.25E-06	0.00374	7.23E-08	0.003961
2787	490810.04	3859460.04	0.10427	0.10046	0.07381	0.11156	1.96E-04	8.8E-06	0.0016	1.2E-07	0.00181	2.40E-04	1.07997E-05	0.001974	6.98E-08	2.23E-03	0.000212	8.31E-06	0.003759	7.21E-08	0.003979
2788	490860.04	3859460.04	0.10395	0.10099	0.07411	0.11169	1.95E-04	8.9E-06	0.00161	1.2E-07	0.00181	2.39E-04	1.08567E-05	0.001982	6.99E-08	2.23E-03	0.000211	8.35E-06	0.003774	7.21E-08	0.003994
2789	490360.04	3859510.04	0.10292	0.08977	0.0695	0.10707	1.93E-04	7.9E-06	0.00151	1.2E-07	0.00171	2.37E-04	9.65048E-06	0.001859	6.7E-08	2.11E-03	0.000209	7.42E-06	0.00354	6.92E-08	0.003756
2790	490410.04	3859510.04	0.10284	0.09016	0.06949	0.10728	1.93E-04	7.9E-06	0.00151	1.2E-07	0.00171	2.37E-04	9.6924E-06	0.001859	6.71E-08	2.11E-03	0.000209	7.46E-06	0.003539	6.93E-08	0.003755
2791	490460.04	3859510.04	0.10268	0.09071	0.06957	0.10709	1.93E-04	8E-06	0.00151	1.2E-07	0.00171	2.36E-04	9.75153E-06	0.001861	6.7E-08	2.11E-03	0.000208	7.5E-06	0.003543	6.92E-08	0.003759
2792	490510.04	3859510.04	0.10245	0.09128	0.06966	0.10732	1.93E-04	8E-06	0.00151	1.2E-07	0.00171	2.36E-04	9.8128E-06	0.001863	6.71E-08	2.11E-03	0.000208	7.55E-06	0.003548	6.93E-08	0.003763
2793	490560.04	3859510.04	0.10221	0.09192	0.0698	0.10757	1.92E-04	8.1E-06	0.00152	1.2E-07	0.00172	2.35E-04	9.88161E-06	0.001867	6.73E-08	2.11E-03	0.000208	7.6E-06	0.003555	6.95E-08	0.00377
2794	490610.04	3859510.04	0.10194	0.09267	0.07001	0.10777	1.92E-04	8.1E-06	0.00152	1.2E-07	0.00172	2.35E-04	9.96223E-06	0.001872	6.74E-08	2.12E-03	0.000207	7.66E-06	0.003566	6.96E-08	0.00378
2795	490660.04	3859510.04	0.10162	0.09344	0.07025	0.10793	1.91E-04	8.2E-06	0.00153	1.2E-07	0.00172	2.34E-04	1.0045E-05	0.001879	6.75E-08	2.12E-03	0.000206	7.73E-06	0.003578	6.97E-08	0.003792
2796	490710.04	3859510.04	0.10128	0.09424	0.07053	0.10801	1.90E-04	8.3E-06	0.00153	1.2E-07	0.00173	2.33E-04	1.0131E-05	0.001886	6.76E-08	2.13E-03	0.000206	7.79E-06	0.003592	6.98E-08	0.003806
2797	490760.04	3859510.04	0.10091	0.09501	0.07082	0.10804	1.90E-04	8.3E-06	0.00154	1.2E-07	0.00174	2.32E-04	1.02138E-05	0.001894	6.76E-08	2.14E-03	0.000205	7.86E-06	0.003607	6.98E-08	0.00382
2798	490810.04	3859510.04	0.10058	0.09569	0.07108	0.10816	1.89E-04	8.4E-06	0.00154	1.2E-07	0.00174	2.32E-04	1.02869E-05	0.001901	6.76E-08	2.14E-03	0.000204	7.91E-06	0.00362	6.99E-08	0.003832
2799	490860.04	3859510.04	0.10019	0.0964	0.07141	0.10807	1.88E-04	8.5E-06	0.00155	1.2E-07	0.00175	2.31E-04	1.03632E-05	0.00191	6.76E-08	2.15E-03	0.000203	7.97E-06	0.003637	6.98E-08	0.003848
2800	490360.04	3859560.04	0.09813	0.08629	0.06762	0.10293	1.84E-04	7.6E-06	0.00147	1.2E-07	0.00166	2.26E-04	9.27637E-06	0.001809	6.44E-08	2.04E-03	0.000199	7.14E-06	0.003444	6.65E-08	0.00365
2801	490410.04	3859560.04	0.09806	0.08653	0.06753	0.103	1.84E-04	7.6E-06	0.00147	1.2E-07	0.00166	2.26E-04	9.30217E-06	0.001806	6.44E-08	2.04E-03	0.000199	7.16E-06	0.003439	6.65E-08	0.003646
2802	490460.04	3859560.04	0.09802	0.08688	0.06752	0.10315	1.84E-04	7.6E-06	0.00147	1.2E-07	0.00166	2.26E-04	9.33979E-06	0.001806	6.45E-08	2.04E-03	0.000199	7.18E-06	0.003439	6.66E-08	0.003645

2803	490510.04	3859560.04	0.09807	0.08742	0.06761	0.10299	1.84E-04	7.7E-06	0.00147	1.2E-07	0.00166	2.26E-04	9.39785E-06	0.001808	6.44E-08	2.04E-03	0.000199	7.23E-06	0.003443	6.65E-08	0.00365
2804	490560.04	3859560.04	0.09789	0.08787	0.06764	0.10323	1.84E-04	7.7E-06	0.00147	1.2E-07	0.00166	2.25E-04	9.44622E-06	0.001809	6.46E-08	2.04E-03	0.000199	7.27E-06	0.003445	6.67E-08	0.003651
2805	490610.04	3859560.04	0.09774	0.0885	0.06779	0.10343	1.84E-04	7.8E-06	0.00147	1.2E-07	0.00166	2.25E-04	9.51395E-06	0.001813	6.47E-08	2.05E-03	0.000198	7.32E-06	0.003453	6.68E-08	0.003658
2806	490660.04	3859560.04	0.09755	0.08915	0.06795	0.10365	1.83E-04	7.8E-06	0.00148	1.2E-07	0.00167	2.25E-04	9.58382E-06	0.001817	6.48E-08	2.05E-03	0.000198	7.37E-06	0.003461	6.7E-08	0.003666
2807	490710.04	3859560.04	0.09733	0.08988	0.06817	0.10382	1.83E-04	7.9E-06	0.00148	1.2E-07	0.00167	2.24E-04	9.6623E-06	0.001823	6.49E-08	2.06E-03	0.000198	7.43E-06	0.003472	6.71E-08	0.003677
2808	490760.04	3859560.04	0.09705	0.09071	0.06846	0.10384	1.82E-04	8E-06	0.00149	1.2E-07	0.00168	2.23E-04	9.75153E-06	0.001831	6.49E-08	2.06E-03	0.000197	7.5E-06	0.003487	6.71E-08	0.003691
2809	490810.04	3859560.04	0.09676	0.09142	0.06871	0.10394	1.82E-04	8E-06	0.00149	1.2E-07	0.00168	2.23E-04	9.82785E-06	0.001838	6.5E-08	2.07E-03	0.000196	7.56E-06	0.003499	6.71E-08	0.003704
2810	490860.04	3859560.04	0.09643	0.09215	0.06899	0.10393	1.81E-04	8.1E-06	0.0015	1.2E-07	0.00169	2.22E-04	9.90633E-06	0.001845	6.5E-08	2.08E-03	0.000196	7.62E-06	0.003514	6.71E-08	0.003717
2811	490187.25	3859422.08	0.11297	0.09523	0.07322	0.11472	2.12E-04	8.4E-06	0.00159	1.3E-07	0.00181	2.60E-04	1.02374E-05	0.001958	7.18E-08	2.23E-03	0.000229	7.88E-06	0.003729	7.41E-08	0.003966
2812	490237.25	3859422.08	0.11277	0.09561	0.07317	0.11486	2.12E-04	8.4E-06	0.00159	1.3E-07	0.00181	2.60E-04	1.02783E-05	0.001957	7.18E-08	2.23E-03	0.000229	7.91E-06	0.003727	7.42E-08	0.003964
2813	490287.25	3859422.08	0.1125	0.09609	0.07317	0.11466	2.11E-04	8.4E-06	0.00159	1.3E-07	0.00181	2.59E-04	1.03299E-05	0.001957	7.17E-08	2.23E-03	0.000228	7.95E-06	0.003727	7.41E-08	0.003963
2814	490337.25	3859422.08	0.11212	0.09673	0.07327	0.1148	2.11E-04	8.5E-06	0.00159	1.3E-07	0.00181	2.58E-04	1.03987E-05	0.00196	7.18E-08	2.23E-03	0.000228	8E-06	0.003732	7.42E-08	0.003967
2815	490187.25	3859472.08	0.10733	0.09163	0.07131	0.11019	2.02E-04	8E-06	0.00155	1.2E-07	0.00176	2.47E-04	9.85043E-06	0.001907	6.89E-08	2.16E-03	0.000218	7.58E-06	0.003632	7.12E-08	0.003857
2816	490237.25	3859472.08	0.10716	0.09179	0.07115	0.11016	2.01E-04	8.1E-06	0.00155	1.2E-07	0.00175	2.47E-04	9.86763E-06	0.001903	6.89E-08	2.16E-03	0.000218	7.59E-06	0.003624	7.12E-08	0.003849
2817	490287.25	3859472.08	0.10708	0.09218	0.07113	0.11023	2.01E-04	8.1E-06	0.00154	1.2E-07	0.00175	2.47E-04	9.90956E-06	0.001902	6.89E-08	2.16E-03	0.000217	7.62E-06	0.003623	7.12E-08	0.003848
2818	490337.25	3859472.08	0.1069	0.0925	0.07106	0.11043	2.01E-04	8.1E-06	0.00154	1.2E-07	0.00175	2.46E-04	9.94396E-06	0.001901	6.91E-08	2.16E-03	0.000217	7.65E-06	0.003619	7.13E-08	0.003844
2819	490297.07	3859500.42	0.10406	0.09014	0.06999	0.10775	1.96E-04	7.9E-06	0.00152	1.2E-07	0.00172	2.40E-04	9.69025E-06	0.001872	6.74E-08	2.12E-03	0.000211	7.45E-06	0.003565	6.96E-08	0.003783
2820	490327.07	3859500.42	0.10392	0.0902	0.06988	0.10782	1.95E-04	7.9E-06	0.00152	1.2E-07	0.00172	2.39E-04	9.6967E-06	0.001869	6.74E-08	2.12E-03	0.000211	7.46E-06	0.003559	6.96E-08	0.003778
2821	490297.07	3859530.42	0.101	0.08796	0.0688	0.10528	1.90E-04	7.7E-06	0.00149	1.2E-07	0.00169	2.33E-04	9.4559E-06	0.00184	6.58E-08	2.08E-03	0.000205	7.27E-06	0.003504	6.8E-08	0.003716
2822	490327.07	3859530.42	0.10096	0.0881	0.06874	0.10528	1.90E-04	7.7E-06	0.00149	1.2E-07	0.00169	2.32E-04	9.47095E-06	0.001838	6.58E-08	2.08E-03	0.000205	7.29E-06	0.003501	6.8E-08	0.003713
2823	490319.73	3859055.34	0.16264	0.1384	0.09606	0.16274	3.06E-04	1.2E-05	0.00209	1.8E-07	0.0024	3.75E-04	1.48783E-05	0.002569	1.02E-07	2.96E-03	0.00033	1.14E-05	0.004892	1.05E-07	0.005234
2824	490319.73	3859105.34	0.15447	0.13204	0.0922	0.1549	2.90E-04	1.2E-05	0.002	1.7E-07	0.0023	3.56E-04	1.41946E-05	0.002466	9.69E-08	2.84E-03	0.000314	1.09E-05	0.004696	1E-07	0.00502
2825	490069.73	3859155.34	0.15379	0.12054	0.08653	0.14716	2.89E-04	1.1E-05	0.00188	1.6E-07	0.00218	3.54E-04	1.29583E-05	0.002314	9.2E-08	2.68E-03	0.000312	9.97E-06	0.004407	9.51E-08	0.004729
2826	490119.73	3859155.34	0.15237	0.12138	0.08672	0.14764	2.86E-04	1.1E-05	0.00188	1.6E-07	0.00218	3.51E-04	1.30486E-05	0.002319	9.23E-08	2.68E-03	0.000309	1E-05	0.004417	9.54E-08	0.004736
2827	490269.73	3859155.34	0.14829	0.12419	0.08779	0.14839	2.79E-04	1.1E-05	0.00191	1.7E-07	0.0022	3.41E-04	1.33507E-05	0.002348	9.28E-08	2.70E-03	0.000301	1.03E-05	0.004471	9.59E-08	0.004783
2828	490319.73	3859155.34	0.1467	0.12557	0.08849	0.14773	2.76E-04	1.1E-05	0.00192	1.7E-07	0.00221	3.38E-04	1.34991E-05	0.002367	9.24E-08	2.72E-03	0.000298	1.04E-05	0.004507	9.54E-08	0.004815
2829	490069.73	3859205.34	0.14492	0.11433	0.08347	0.13972	2.72E-04	1E-05	0.00181	1.6E-07	0.0021	3.34E-04	1.22907E-05	0.002232	8.74E-08	2.58E-03	0.000294	9.45E-06	0.004251	9.03E-08	0.004555
2830	490119.73	3859205.34	0.1438	0.11479	0.08342	0.1404	2.70E-04	1E-05	0.00181	1.6E-07	0.00209	3.31E-04	1.23402E-05	0.002231	8.78E-08	2.57E-03	0.000292	9.49E-06	0.004249	9.07E-08	0.00455
2831	490169.73	3859205.34	0.14273	0.11567	0.08363	0.14084	2.68E-04	1E-05	0.00182	1.6E-07	0.00209	3.29E-04	1.24348E-05	0.002237	8.81E-08	2.58E-03	0.00029	9.57E-06	0.004259	9.1E-08	0.004559
2832	490219.73	3859205.34	0.14162	0.11694	0.08408	0.14095	2.66E-04	1E-05	0.00183	1.6E-07	0.0021	3.26E-04	1.25713E-05	0.002249	8.82E-08	2.59E-03	0.000288	9.67E-06	0.004282	9.1E-08	0.00458
2833	490269.73	3859205.34	0.14033	0.11845	0.0847	0.14062	2.64E-04	1E-05	0.00184	1.6E-07	0.00211	3.23E-04	1.27336E-05	0.002265	8.79E-08	2.60E-03	0.000285	9.8E-06	0.004314	9.08E-08	0.004609
2834	490319.73	3859205.34	0.13915	0.11951	0.08515	0.14054	2.61E-04	1E-05	0.00185	1.6E-07	0.00212	3.20E-04	1.28476E-05	0.002277	8.79E-08	2.61E-03	0.000283	9.88E-06	0.004337	9.08E-08	0.004629
2835	490069.73	3859255.34	0.13682	0.1091	0.08091	0.13265	2.57E-04	9.6E-06	0.00176	1.5E-07	0.00202	3.15E-04	1.17285E-05	0.002164	8.3E-08	2.49E-03	0.000278	9.02E-06	0.004121	8.57E-08	0.004408
2836	490119.73	3859255.34	0.1359	0.10947	0.08079	0.13321	2.55E-04	9.6E-06	0.00175	1.5E-07	0.00202	3.13E-04	1.17683E-05	0.002161	8.33E-08	2.49E-03	0.000276	9.05E-06	0.004115	8.6E-08	0.0044
2837	490169.73	3859255.34	0.13497	0.11016	0.08087	0.13366	2.54E-04	9.7E-06	0.00176	1.5E-07	0.00202	3.11E-04	1.18424E-05	0.002163	8.36E-08	2.49E-03	0.000274	9.11E-06	0.004119	8.63E-08	0.004402
2838	490219.73	3859255.34	0.13411	0.11126	0.0812	0.13386	2.52E-04	9.8E-06	0.00176	1.5E-07	0.00203	3.09E-04	1.19607E-05	0.002172	8.37E-08	2.49E-03	0.000272	9.2E-06	0.004136	8.65E-08	0.004417
2839	490269.73	3859255.34	0.13315	0.11248	0.08162	0.13388	2.50E-04	9.9E-06	0.00177	1.5E-07	0.00203	3.07E-04	1.20919E-05	0.002183	8.37E-08	2.50E-03	0.00027	9.3E-06	0.004157	8.65E-08	0.004437
2840	490319.73	3859255.34	0.13219	0.11354	0.08199	0.13395	2.48E-04	1E-05	0.00178	1.5E-07	0.00204	3.04E-04	1.22058E-05	0.002193	8.38E-08	2.51E-03	0.000268	9.39E-06	0.004176	8.65E-08	0.004454
2841	490069.73	3859305.34	0.1294	0.10444	0.07861	0.12682	2.43E-04	9.2E-06	0.00171	1.4E-07	0.00196	2.98E-04	1.12275E-05	0.002102	7.93E-08	2.41E-03	0.000263	8.64E-06	0.004004	8.19E-08	0.004275
2842	490119.73	3859305.34	0.12865	0.10461	0.07838	0.12719	2.42E-04	9.2E-06	0.0017	1.4E-07	0.00195	2.96E-04	1.12458E-05	0.002096	7.95E-08	2.40E-03	0.000261	8.65E-06	0.003992	8.22E-08	0.004262
2843	490169.73	3859305.34	0.12791	0.10511	0.07835	0.12712	2.40E-04	9.2E-06	0.0017	1.4E-07	0.00195	2.95E-04	1.12996E-05	0.002096	7.95E-08	2.40E-03	0.00026	8.69E-06	0.00399	8.21E-08	0.004259
2844	490219.73	3859305.34	0.12719	0.10594	0.07852	0.12737	2.39E-04	9.3E-06	0.00171	1.4E-07	0.00195	2.93E-04	1.13888E-05	0.0021	7.97E-08	2.40E-03	0.000258	8.76E-06	0.003999	8.23E-08	0.004266
2845	490269.73	3859305.34	0.12648	0.10689	0.07877	0.12759	2.38E-04	9.4E-06	0.00171	1.4E-07	0.00196	2.91E-04	1.14909E-05	0.002107	7.98E-08	2.41E-03	0.000257	8.84E-06	0.004012	8.24E-08	0.004278
2846	490319.73	3859305.34	0.12569	0.10804	0.07915	0.12758	2.36E-04	9.5E-06	0.00172	1.4E-07	0.00196	2.89E-04	1.16145E-05	0.002117	7.98E-08	2.42E-03	0.000255	8.93E-06	0.004031	8.24E-08	0.004295
2847	490069.73	3859355.34	0.12231	0.10009	0.07639	0.12123	2.30E-04	8.8E-06	0.00166	1.4E-07	0.0019	2.82E-04	1.07599E-05	0.002043	7.58E-08	2.34E-03	0.000248	8.28E-06	0.003891	7.83E-08	0.004147
2848	490119.73	3859355.34	0.12172	0.1001	0.0761	0.12139	2.29E-04	8.8E-06	0.00165	1.4E-07	0.00189	2.80E-04	1.0761E-05	0.002035	7.59E-08	2.33E-03	0.000247	8.28E-06	0.003876	7.84E-08	0.004131
2849	490169.73	3859355.34	0.12128	0.10045	0.076	0.12164	2.28E-04	8.8E-06	0.00165	1.4E-07	0.00189	2.79E-04	1.07986E-05	0.002033	7.61E-08	2.32E-03	0.000246	8.31E-06	0.003871	7.86E-08	0.004125
2850	490219.73	3859355.34	0.12082	0.10112	0.07609	0.12145	2.27E-04	8.9E-06	0.00165	1.4E-07	0.00189	2.78E-04	1.08706E-05	0.002035	7.6E-08	2.32E-03	0.000245	8.36E-06	0.003875	7.85E-08	0.004129
2851	490269.73	3859355.34	0.12027	0.10182	0.0762	0.1217	2.26E-04	8.9E-06	0.00165	1.4E-07	0.00189	2.77E-04	1.09459E-05	0.002038	7.61E-08	2.33E-03	0.000244	8.42E-06	0.003881	7.86E-08	0.004134
2852	490319.73	3859355.34	0.11971	0.10274	0.07644	0.12184	2.25E-04	9E-06	0.00166	1.4E-07	0.00189	2.76E-04	1.10448E-05	0.002044	7.62E-08	2.33E-03	0.000243	8.5E-06	0.003893	7.87E-08	0.004145
2853	490069.73	3859405.34	0.11572	0.09622	0.07437	0.11633	2.17E-04	8.4E-06	0.00162	1.3E-07	0.00184	2.66E-04	1.03439E-05	0.001989	7.28E-08	2.27E-03	0.000235	7.96E-06	0.003788	7.51E-08	0.004031
2854	490119.73	3859405.34	0.11535	0.09617	0.07406	0.11627	2.17E-04	8.4E-06	0.00161	1.3E-07	0.00183	2.66E-04	1.03385E-05	0.001981	7.27E-08	2.26E-03	0.000234	7.95E-06	0.003772	7.51E-08	0.004014
2855	490169.73	3859405.34	0.11505	0.09641	0.07392	0.11632	2.16E-04	8.5E-06	0.00161	1.3E-07	0.00183	2.65E-04	1.03643E-05	0.001977	7.28E-08	2.25E-03	0.000234	7.97E-06	0.003765	7.51E-08	0.004006
2856	490219.73	3859405.34	0.11479	0.09677	0.07386	0.11649	2.16E-04	8.5E-06	0.0016	1.3E-07	0.00183	2.64E-04	1.0403E-05	0.001975	7.29E-08	2.25E-03	0.000233	8E-06	0.003762	7.52E-08	0.004003
2857	490269.73	3859405.34	0.11449	0.09736	0.07392	0.11625	2.15E-04	8.5E-06	0.00161	1.3E-07	0.00183	2.64E-04	1.04664E-05	0.001977	7.27E-08	2.25E-03	0.000232	8.05E-06	0.003765	7.51E-08	0.004005
2858	490319.73	3859405.34	0.11407	0.09805	0.07404	0.11639	2.14E-04	8.6E-06	0.00161	1.3E-07	0.00183	2.63E-04	1.05406E-05	0.00198	7.28E-08	2.25E-03	0.000232	8.11E-06	0.003771	7.52E-08	0.004011
2859	490161.89	3859541.83	0.10003	0.08732	0.06907	0.10501	1.88E-04	7.7E-06	0.0015	1.2E-07	0.0017	2.30E-04	9.3871E-06	0.001847	6.57E-08	2.09E-03	0.000203	7.22E-06	0.003518	6.78E-08	0.003728
2860	490171.89	3859541.83	0.10003	0.08731	0.06902	0.10493	1.88E-04	7.7E-06	0.0015	1.2E-07	0.00169	2.30E-04	9.38602E-06	0.001846	6.56E-08	2.09E-03	0.000203	7.22E-06	0.003515	6.78E-08	0.003726
2861	490161.89	3859551.83	0.09904	0.08679	0.06877	0.10434	1.86E-04	7.6E-06	0.00149	1.2E-07	0.00169	2.28E-04	9.33012E-06	0.001839	6.53E-08	2.08E-03	0.000201	7.18E-06	0.003502	6.74E-08	0.003711
2862	490171.89	3859551.83	0.09904	0.08676	0.06871	0.10425	1.86E-04	7.6E-06	0.00149	1.2E-07	0.00169	2.28E-04	9.32689E-06	0.001838	6.52E-08	2.08E-03	0.000201	7.17E-06	0.003499	6.73E-08	0.003708
2863	489799.72	3859348.21	0.12552	0.10184	0.07897	0.12382	2.36E-04	8.9E-06	0.00171	1.4E-07	0.00196	2.89E-04	1.0948E-05	0.002112	7.74E-08	2.41E-03	0.000255	8.42E-06	0.004022	8E-08	0.004285

2864	489819.72	3859348.21	0.12543	0.10163	0.07874	0.1235		2.36E-04	8.9E-06	0.00171	1.4E-07	0.00195		2.89E-04	1.09255E-05	0.002106	7.72E-08	2.41E-03		0.000255	8.4E-06	0.00401	7.98E-08	0.004273
2865	489799.72	3859368.21	0.12236	0.10055	0.07827	0.12222		2.30E-04	8.8E-06	0.0017	1.4E-07	0.00194		2.82E-04	1.08094E-05	0.002093	7.64E-08	2.39E-03		0.000248	8.32E-06	0.003986	7.9E-08	0.004243
2866	489819.72	3859368.21	0.12233	0.10039	0.07808	0.12187		2.30E-04	8.8E-06	0.0017	1.4E-07	0.00193		2.82E-04	1.07921E-05	0.002088	7.62E-08	2.38E-03		0.000248	8.3E-06	0.003977	7.87E-08	0.004233
2867	489775.41	3859329.72	0.12864	0.10319	0.07983	0.12578		2.42E-04	9.1E-06	0.00173	1.4E-07	0.00198		2.96E-04	1.10932E-05	0.002135	7.87E-08	2.44E-03		0.000261	8.53E-06	0.004066	8.12E-08	0.004336
2868	489795.41	3859329.72	0.12853	0.103	0.07961	0.12546		2.42E-04	9E-06	0.00173	1.4E-07	0.00198		2.96E-04	1.10727E-05	0.002129	7.85E-08	2.44E-03		0.000261	8.52E-06	0.004055	8.1E-08	0.004324
2869	489775.41	3859349.72	0.12535	0.10195	0.07917	0.12412		2.36E-04	8.9E-06	0.00172	1.4E-07	0.00196		2.89E-04	1.09599E-05	0.002117	7.76E-08	2.42E-03		0.000255	8.43E-06	0.004032	8.02E-08	0.004295
2870	489795.41	3859349.72	0.1253	0.10179	0.07897	0.12377		2.35E-04	8.9E-06	0.00171	1.4E-07	0.00196		2.89E-04	1.09427E-05	0.002112	7.74E-08	2.41E-03		0.000254	8.42E-06	0.004022	8E-08	0.004285
2871	489595.05	3859219.43	0.1524	0.11268	0.08598	0.1394		2.86E-04	9.9E-06	0.00187	1.6E-07	0.00216		3.51E-04	1.21134E-05	0.0023	8.72E-08	2.66E-03		0.000309	9.32E-06	0.004379	9E-08	0.004698
2872	489615.05	3859219.43	0.15218	0.11254	0.08578	0.13898		2.86E-04	9.9E-06	0.00186	1.6E-07	0.00216		3.50E-04	1.20983E-05	0.002294	8.69E-08	2.66E-03		0.000309	9.31E-06	0.004369	8.98E-08	0.004687
2873	489595.05	3859239.43	0.14757	0.11119	0.08518	0.13744		2.77E-04	9.8E-06	0.00185	1.5E-07	0.00214		3.40E-04	1.19532E-05	0.002278	8.6E-08	2.63E-03		0.0003	9.2E-06	0.004338	8.88E-08	0.004647
2874	489615.05	3859239.43	0.14745	0.11106	0.085	0.13699		2.77E-04	9.7E-06	0.00185	1.5E-07	0.00213		3.40E-04	1.19392E-05	0.002273	8.57E-08	2.62E-03		0.000299	9.18E-06	0.004329	8.85E-08	0.004638
2875	489372.4	3859092.58	0.1998	0.12548	0.0941	0.15904		3.75E-04	1.1E-05	0.00204	1.8E-07	0.00243		4.60E-04	1.34894E-05	0.002517	9.95E-08	2.99E-03		0.000406	1.04E-05	0.004793	1.03E-07	0.005209
2876	489422.4	3859092.58	0.19769	0.12489	0.09347	0.15774		3.71E-04	1.1E-05	0.00203	1.8E-07	0.00241		4.55E-04	1.3426E-05	0.0025	9.87E-08	2.97E-03		0.000401	1.03E-05	0.00476	1.02E-07	0.005172
2877	489372.4	3859142.58	0.17832	0.12127	0.09184	0.15314		3.35E-04	1.1E-05	0.00199	1.7E-07	0.00234		4.11E-04	1.30368E-05	0.002456	9.58E-08	2.88E-03		0.000362	1E-05	0.004677	9.89E-08	0.00505
2878	489422.4	3859142.58	0.17777	0.12061	0.09123	0.15174		3.34E-04	1.1E-05	0.00198	1.7E-07	0.00233		4.09E-04	1.29658E-05	0.00244	9.49E-08	2.86E-03		0.000361	9.97E-06	0.004646	9.8E-08	0.005017
2879	488870.84	3858666.64	0.78293	0.18689	0.12791	0.27068		1.47E-03	1.6E-05	0.00278	3E-07	0.00427		1.80E-03	2.00911E-05	0.003421	1.69E-07	5.24E-03		0.00159	1.55E-05	0.006515	1.75E-07	0.00812
2880	488900.84	3858666.64	0.7351	0.18663	0.12744	0.26985		1.38E-03	1.6E-05	0.00277	3E-07	0.00417		1.69E-03	2.00631E-05	0.003408	1.69E-07	5.12E-03		0.001493	1.54E-05	0.006491	1.74E-07	0.007999
2881	488870.84	3858696.64	0.8498	0.18128	0.12534	0.25933		1.60E-03	1.6E-05	0.00272	2.9E-07	0.00434		1.96E-03	1.9488E-05	0.003352	1.62E-07	5.33E-03		0.001725	1.5E-05	0.006384	1.68E-07	0.008124
2882	488900.84	3858696.64	0.79065	0.18096	0.12492	0.25832		1.49E-03	1.6E-05	0.00271	2.9E-07	0.00421		1.82E-03	1.94536E-05	0.003341	1.62E-07	5.18E-03		0.001605	1.5E-05	0.006362	1.67E-07	0.007983
2883	488889.67	3858683.97	0.78467	0.18346	0.12617	0.26335		1.47E-03	1.6E-05	0.00274	2.9E-07	0.00423		1.81E-03	1.97224E-05	0.003375	1.65E-07	5.20E-03		0.001593	1.52E-05	0.006426	1.7E-07	0.008034
2884	488919.67	3858683.97	0.7361	0.18309	0.12566	0.26251		1.38E-03	1.6E-05	0.00273	2.9E-07	0.00413		1.70E-03	1.96826E-05	0.003361	1.64E-07	5.08E-03		0.001495	1.51E-05	0.0064	1.7E-07	0.00791
2885	488889.67	3858713.97	0.85223	0.17804	0.12366	0.25265		1.60E-03	1.6E-05	0.00269	2.8E-07	0.0043		1.96E-03	1.91397E-05	0.003307	1.58E-07	5.29E-03		0.00173	1.47E-05	0.006298	1.63E-07	0.008043
2886	488919.67	3858713.97	0.79173	0.1777	0.12323	0.25164		1.49E-03	1.6E-05	0.00268	2.8E-07	0.00418		1.82E-03	1.91031E-05	0.003296	1.57E-07	5.14E-03		0.001608	1.47E-05	0.006276	1.63E-07	0.007899
2887	488906.61	3858703.33	0.79399	0.17968	0.12427	0.25575		1.49E-03	1.6E-05	0.0027	2.9E-07	0.00421		1.83E-03	1.9316E-05	0.003324	1.6E-07	5.17E-03		0.001612	1.49E-05	0.006329	1.65E-07	0.007956
2888	488936.61	3858703.33	0.74258	0.17946	0.12385	0.25485		1.40E-03	1.6E-05	0.00269	2.8E-07	0.0041		1.71E-03	1.92924E-05	0.003312	1.59E-07	5.04E-03		0.001508	1.48E-05	0.006308	1.65E-07	0.00783
2889	488906.61	3858733.33	0.86266	0.17478	0.122	0.24571		1.62E-03	1.5E-05	0.00265	2.7E-07	0.00429		1.99E-03	1.87892E-05	0.003263	1.54E-07	5.27E-03		0.001752	1.45E-05	0.006214	1.59E-07	0.00798
2890	488936.61	3858733.33	0.79925	0.17434	0.12152	0.24468		1.50E-03	1.5E-05	0.00264	2.7E-07	0.00416		1.84E-03	1.87419E-05	0.00325	1.53E-07	5.11E-03		0.001623	1.44E-05	0.006189	1.58E-07	0.007826
2891	488637.63	3858467.85	0.77837	0.23699	0.15221	0.39794		1.46E-03	2.1E-05	0.00331	4.4E-07	0.00479		1.79E-03	2.5477E-05	0.004071	2.49E-07	5.89E-03		0.00158	1.96E-05	0.007752	2.57E-07	0.009352
2892	488662.63	3858467.85	0.74468	0.23664	0.15162	0.39707		1.40E-03	2.1E-05	0.00329	4.4E-07	0.00471		1.71E-03	2.54393E-05	0.004055	2.48E-07	5.80E-03		0.001512	1.96E-05	0.007722	2.56E-07	0.009254
2893	488637.63	3858492.85	0.82612	0.22954	0.14914	0.37689		1.55E-03	2E-05	0.00324	4.2E-07	0.00481		1.90E-03	2.46761E-05	0.003989	2.36E-07	5.92E-03		0.001677	1.9E-05	0.007596	2.43E-07	0.009292
2894	488662.63	3858492.85	0.78631	0.22921	0.14864	0.37601		1.48E-03	2E-05	0.00323	4.2E-07	0.00473		1.81E-03	2.46406E-05	0.003975	2.35E-07	5.81E-03		0.001597	1.9E-05	0.00757	2.43E-07	0.009186
2895	488687.63	3858492.85	0.75073	0.22913	0.14823	0.37515		1.41E-03	2E-05	0.00322	4.2E-07	0.00465		1.73E-03	2.4632E-05	0.003965	2.35E-07	5.72E-03		0.001524	1.89E-05	0.007549	2.42E-07	0.009093
2896	488637.63	3858517.85	0.8843	0.22245	0.14607	0.35814		1.66E-03	2E-05	0.00317	4E-07	0.00485		2.04E-03	2.39139E-05	0.003907	2.24E-07	5.97E-03		0.001795	1.84E-05	0.007439	2.31E-07	0.009254
2897	488662.63	3858517.85	0.83652	0.22218	0.14568	0.35721		1.57E-03	1.9E-05	0.00316	4E-07	0.00476		1.93E-03	2.38848E-05	0.003896	2.23E-07	5.85E-03		0.001698	1.84E-05	0.00742	2.31E-07	0.009137
2898	488687.63	3858517.85	0.79473	0.22189	0.14523	0.35636		1.49E-03	1.9E-05	0.00315	4E-07	0.00467		1.83E-03	2.38537E-05	0.003884	2.23E-07	5.74E-03		0.001614	1.84E-05	0.007397	2.3E-07	0.009029
2899	488194.42	3857168.98	0.80174	2.21703	0.98595	1.14079		1.51E-03	0.00019	0.02141	1.3E-06	0.02311		1.85E-03	0.000238336	0.02637	7.13E-07	2.85E-02		0.001628	0.000183	0.050215	7.37E-07	0.052027
2900	488244.42	3857168.98	0.77567	2.08025	0.94478	1.12947		1.46E-03	0.00018	0.02052	1.3E-06	0.02216		1.79E-03	0.000223632	0.025269	7.06E-07	2.73E-02		0.001575	0.000172	0.048118	7.3E-07	0.049866
2901	488294.42	3857168.98	0.75223	1.96141	0.9083	1.10992		1.41E-03	0.00017	0.01972	1.2E-06	0.02131		1.73E-03	0.000210856	0.024293	6.94E-07	2.62E-02		0.001527	0.000162	0.04626	7.17E-07	0.04795
2902	488244.42	3857218.98	0.78217	2.22156	0.92752	1.16578		1.47E-03	0.00019	0.02014	1.3E-06	0.02181		1.80E-03	0.000238823	0.024807	7.29E-07	2.68E-02		0.001588	0.000184	0.047239	7.53E-07	0.049012
2903	488294.42	3857218.98	0.75778	2.07998	0.89098	1.14772		1.42E-03	0.00018	0.01935	1.3E-06	0.02096		1.75E-03	0.000223603	0.02383	7.18E-07	2.58E-02		0.001539	0.000172	0.045378	7.41E-07	0.047089
2904	488294.42	3857268.98	0.76429	2.15637	0.87241	1.19143		1.44E-03	0.00019	0.01895	1.3E-06	0.02057		1.76E-03	0.000231815	0.023333	7.45E-07	2.53E-02		0.001552	0.000178	0.044432	7.7E-07	0.046163
2905	488139.13	3857111.68	0.82458	2.11134	1.0536	1.11675		1.55E-03	0.00019	0.02288	1.2E-06	0.02462		1.90E-03	0.000226974	0.028179	6.98E-07	3.03E-02		0.001674	0.000175	0.05366	7.21E-07	0.05551
2906	488189.13	3857111.68	0.79702	1.99376	1.00741	1.11014		1.50E-03	0.00017	0.02188	1.2E-06	0.02355		1.84E-03	0.000214334	0.026944	6.94E-07	2.90E-02		0.001618	0.000165	0.051308	7.17E-07	0.053092
2907	488189.13	3857161.68	0.80346	2.20343	0.99275	1.13791		1.51E-03	0.00019	0.02156	1.3E-06	0.02326		1.85E-03	0.000236874	0.026552	7.12E-07	2.86E-02		0.001631	0.000182	0.050561	7.35E-07	0.052376
2908	487951.04	3856961.26	0.92813	1.49914	1.27602	1.07754		1.74E-03	0.00013	0.02771	1.2E-06	0.02959		2.14E-03	0.000161161	0.034128	6.74E-07	3.64E-02		0.001884	0.000124	0.064988	6.96E-07	0.066998
2909	488001.04	3856961.26	0.8949	1.47409	1.21965	1.05918		1.68E-03	0.00013	0.02649	1.2E-06	0.0283		2.06E-03	0.000158468	0.03262	6.62E-07	3.48E-02		0.001817	0.000122	0.062117	6.84E-07	0.064057
2910	488051.04	3856961.26	0.86556	1.45176	1.17011	1.03181		1.63E-03	0.00013	0.02541	1.2E-06	0.02717		1.99E-03	0.000156067	0.031295	6.45E-07	3.34E-02		0.001757	0.00012	0.059594	6.67E-07	0.061473
2911	488101.04	3856961.26	0.83435	1.41407	1.11778	1.03012		1.57E-03	0.00012	0.02427	1.2E-06	0.02597		1.92E-03	0.000152016	0.029896	6.44E-07	3.20E-02		0.001694	0.000117	0.056929	6.65E-07	0.058741
2912	487951.04	3857011.26	0.92869	1.81196	1.27174	1.12755		1.75E-03	0.00016	0.02762	1.3E-06	0.02952		2.14E-03	0.00019479	0.034014	7.05E-07	3.63E-02		0.001886	0.00015	0.06477	7.28E-07	0.066807
2913	488001.04	3857011.26	0.89773	1.76889	1.21719	1.09423		1.69E-03	0.00016	0.02643	1.2E-06	0.02828		2.07E-03	0.00019016	0.032555	6.84E-07	3.48E-02		0.001823	0.000146	0.061992	7.07E-07	0.063962
2914	488051.04	3857011.26	0.86834	1.72219	1.1662	1.06622		1.63E-03	0.00015	0.02533	1.2E-06	0.02711		2.00E-03	0.000185139	0.031191	6.67E-07	3.34E-02		0.001763	0.000142	0.059395	6.89E-07	0.061301
2915	488101.04	3857011.26	0.83738	1.65956	1.11298	1.06346		1.57E-03	0.00015	0.02417	1.2E-06	0.02589		1.93E-03	0.000178406	0.029767	6.65E-07	3.19E-02		0.0017	0.000137	0.056685	6.87E-07	0.058523
2916	488001.04	3857061.26	0.89973	2.09187	1.2064	1.13728		1.69E-03	0.00018	0.0262	1.3E-06	0.02807		2.07E-03	0.000224881	0.032266	7.11E-07	3.46E-02		0.001827	0.000173	0.061443	7.35E-07	0.063443
2917	488051.04	3857061.26	0.86945	2.00726	1.15275	1.11613		1.63E-03	0.00018	0.02503	1.2E-06	0.02684		2.00E-03	0.000215785	0.030831	6.98E-07	3.30E-02		0.001765	0.000166	0.05871	7.21E-07	0.060642
2918	488101.04	3857061.26	0.84013	1.92097	1.10201	1.10114		1.58E-03	0.00017	0.02393	1.2E-06	0.02568		1.93E-03	0.000206509	0.029474	6.89E-07	3.16E-02		0.001706	0.000159	0.056126	7.11E-07	0.057991
2919	487638.98	3856673.79	1.0966	0.43016	1.4823	0.9455		2.06E-03	3.8E-05	0.03219	1.1E-06	0.03429		2.53E-03	4.62432E-05	0.039645	5.91E-07	4.22E-02		0.002227	3.56E-05	0.075494	6.11E-07	0.077757
2920	487688.98	3856673.79	1.05517	0.44355	1.42572	0.93019		1.98E-03	3.9E-05	0.03096	1E-06	0.03298		2.43E-03	4.76826E-05	0.038132	5.82E-07	4.06E-02		0.002142	3.67E-05	0.072613	6.01E-07	0.074792
2921	487638.98	3856723.79	1.12881	0.49844	1.53446	0.99143		2.12E-03	4.4E-05	0.03332	1.1E-06	0.03549		2.60E-03	5.35834E-05	0.04104	6.2E-07	4.37E-02		0.002292	4.12E-05	0.078151	6.4E-07	0.080485
2922	487688.98	3856723.79	1.08355	0.51744	1.4726	0.97285		2.04E-03	4.5E-05	0.03198	1.1E-06	0.03406		2.50E-03	5.5626E-05	0.039386	6.08E-07	4.19E-02		0.0022	4.28E-05	0.075	6.28E-07	0.077244
2923	486324.61	3855740.57	1.17471	0.43693	1.53821	0.72017		2.21E-03	3.8E-05	0.0334	8E-07	0.03565		2.71E-03	4.6971E-05	0.04114	4.5E-07	4.39E-02		0.002385	3.61E-05	0.078342	4.65E-07	0.080764
2924	486374.61	3855740.57	1.09659	0.42274	1.43256	0.67595		2.06E-03	3.7E-05	0.03111	7.6E-07	0.03321		2.53E-03	4.54455E-05	0.038315	4.23E-07	4.09E-02		0.002226	3.5E-05	0.072961	4.37E-07	0.075223

2925	486424.61	3855740.57	1.04813	0.41325	1.36736	0.6479	1.97E-03	3.6E-05	0.02969	7.2E-07	0.0317	2.41E-03	4.44253E-05	0.036571	4.05E-07	3.90E-02	0.002128	3.42E-05	0.06964	4.19E-07	0.071803
2926	486324.61	3855790.57	1.23687	0.4152	1.6284	0.76816	2.32E-03	3.6E-05	0.03536	8.6E-07	0.03772	2.85E-03	4.46349E-05	0.043553	4.8E-07	4.64E-02	0.002511	3.43E-05	0.082935	4.96E-07	0.085481
2927	486374.61	3855790.57	1.15649	0.40307	1.51984	0.7226	2.17E-03	3.5E-05	0.033	8.1E-07	0.03521	2.66E-03	4.33309E-05	0.040649	4.52E-07	4.34E-02	0.002348	3.33E-05	0.077406	4.67E-07	0.079788
2928	486424.61	3855790.57	1.1136	0.39618	1.46232	0.69696	2.09E-03	3.5E-05	0.03176	7.8E-07	0.03388	2.56E-03	4.25902E-05	0.039111	4.36E-07	4.17E-02	0.002261	3.28E-05	0.074477	4.5E-07	0.076771
2929	486324.61	3855840.57	1.30364	0.39596	1.72402	0.81749	2.45E-03	3.5E-05	0.03744	9.1E-07	0.03992	3.00E-03	4.25666E-05	0.04611	5.11E-07	4.92E-02	0.002647	3.27E-05	0.087805	5.28E-07	0.090485
2930	486374.61	3855840.57	1.24599	0.38931	1.64682	0.78362	2.34E-03	3.4E-05	0.03576	8.8E-07	0.03814	2.87E-03	4.18517E-05	0.044045	4.9E-07	4.70E-02	0.00253	3.22E-05	0.083873	5.06E-07	0.086436
2931	486424.61	3855840.57	1.18561	0.38122	1.56572	0.74846	2.23E-03	3.3E-05	0.034	8.4E-07	0.03626	2.73E-03	4.0982E-05	0.041876	4.68E-07	4.46E-02	0.002407	3.15E-05	0.079743	4.83E-07	0.082182
2932	486324.61	3855890.57	1.41189	0.38271	1.87519	0.88697	2.65E-03	3.4E-05	0.04072	9.9E-07	0.04341	3.25E-03	4.11422E-05	0.050153	5.55E-07	5.34E-02	0.002867	3.16E-05	0.095504	5.73E-07	0.098403
2933	486374.61	3855890.57	1.34039	0.3763	1.77926	0.84575	2.52E-03	3.3E-05	0.03864	9.4E-07	0.04119	3.09E-03	4.04531E-05	0.047588	5.29E-07	5.07E-02	0.002721	3.11E-05	0.090619	5.46E-07	0.093372
2934	486424.61	3855890.57	1.26825	0.36853	1.68247	0.80425	2.38E-03	3.2E-05	0.03654	9E-07	0.03895	2.92E-03	3.96178E-05	0.044999	5.03E-07	4.80E-02	0.002575	3.05E-05	0.085689	5.2E-07	0.088295
2935	488735.69	3858285.64	0.54615	0.31841	0.17979	0.62329	1.03E-03	2.8E-05	0.0039	7E-07	0.00496	1.26E-03	3.42298E-05	0.004809	3.9E-07	6.10E-03	0.001109	2.63E-05	0.009157	4.03E-07	0.010292
2936	488765.69	3858285.64	0.53273	0.31945	0.18001	0.61578	1.00E-03	2.8E-05	0.00391	6.9E-07	0.00494	1.23E-03	3.43416E-05	0.004814	3.85E-07	6.08E-03	0.001082	2.64E-05	0.009168	3.98E-07	0.010276
2937	488735.69	3858315.64	0.55744	0.30189	0.17358	0.57591	1.05E-03	2.6E-05	0.00377	6.4E-07	0.00484	1.28E-03	3.24539E-05	0.004643	3.6E-07	5.96E-03	0.001132	2.5E-05	0.008841	3.72E-07	0.009998
2938	488765.69	3858315.64	0.54272	0.30308	0.17366	0.57049	1.02E-03	2.7E-05	0.00377	6.4E-07	0.00482	1.25E-03	3.25818E-05	0.004645	3.57E-07	5.93E-03	0.001102	2.51E-05	0.008845	3.69E-07	0.009972
2939	478676.63	3849871.93	0.01332	0.01204	0.01213	0.0081	2.50E-05	1.1E-06	0.00026	9.1E-09	0.00029	3.07E-05	1.29433E-06	0.000324	5.07E-09	3.56E-04	2.7E-05	9.96E-07	0.000618	5.23E-09	0.000646
2940	479326.63	3849871.93	0.01631	0.01631	0.01604	0.01033	3.06E-05	1.4E-06	0.00035	1.2E-08	0.00038	3.76E-05	1.75336E-06	0.000429	6.46E-09	4.68E-04	3.31E-05	1.35E-06	0.000817	6.67E-09	0.000851
2941	479376.63	3849871.93	0.01647	0.01651	0.01634	0.01055	3.10E-05	1.4E-06	0.00035	1.2E-08	0.00039	3.79E-05	1.77486E-06	0.000437	6.6E-09	4.77E-04	3.34E-05	1.37E-06	0.000832	6.81E-09	0.000867
2942	479426.63	3849871.93	0.01666	0.01671	0.01664	0.01083	3.13E-05	1.5E-06	0.00036	1.2E-08	0.00039	3.84E-05	1.79636E-06	0.000445	6.77E-09	4.85E-04	3.38E-05	1.38E-06	0.000847	7E-09	0.000883
2943	478726.63	3849921.93	0.01356	0.01221	0.01235	0.00823	2.55E-05	1.1E-06	0.00027	9.2E-09	0.00029	3.12E-05	1.3126E-06	0.00033	5.15E-09	3.63E-04	2.75E-05	1.01E-06	0.000629	5.32E-09	0.000658
2944	478776.63	3849921.93	0.0138	0.01253	0.01257	0.00836	2.59E-05	1.1E-06	0.00027	9.3E-09	0.0003	3.18E-05	1.347E-06	0.000336	5.23E-09	3.69E-04	2.8E-05	1.04E-06	0.00064	5.4E-09	0.000669
2945	478826.63	3849921.93	0.01404	0.01287	0.01278	0.00848	2.64E-05	1.1E-06	0.00028	9.5E-09	0.00031	3.23E-05	1.38355E-06	0.000342	5.3E-09	3.76E-04	2.85E-05	1.06E-06	0.000651	5.48E-09	0.00068
2946	478976.63	3849921.93	0.01478	0.01398	0.01359	0.00893	2.78E-05	1.2E-06	0.0003	1E-08	0.00032	3.40E-05	1.50288E-06	0.000363	5.59E-09	3.99E-04	3E-05	1.16E-06	0.000692	5.77E-09	0.000723
2947	479026.63	3849921.93	0.01513	0.01439	0.01398	0.00922	2.84E-05	1.3E-06	0.0003	1E-08	0.00033	3.48E-05	1.54696E-06	0.000374	5.77E-09	4.10E-04	3.07E-05	1.19E-06	0.000712	5.96E-09	0.000744
2948	479076.63	3849921.93	0.01541	0.01478	0.01434	0.00945	2.90E-05	1.3E-06	0.00031	1.1E-08	0.00034	3.55E-05	1.58888E-06	0.000384	5.91E-09	4.21E-04	3.13E-05	1.22E-06	0.00073	6.1E-09	0.000763
2949	479126.63	3849921.93	0.01567	0.01516	0.01469	0.00968	2.94E-05	1.3E-06	0.00032	1.1E-08	0.00035	3.61E-05	1.62973E-06	0.000393	6.05E-09	4.31E-04	3.18E-05	1.25E-06	0.000748	6.25E-09	0.000781
2950	479176.63	3849921.93	0.01597	0.01553	0.01508	0.00999	3.00E-05	1.4E-06	0.00033	1.1E-08	0.00036	3.68E-05	1.66951E-06	0.000403	6.25E-09	4.42E-04	3.24E-05	1.28E-06	0.000768	6.45E-09	0.000802
2951	479226.63	3849921.93	0.01612	0.01584	0.01537	0.01006	3.03E-05	1.4E-06	0.00033	1.1E-08	0.00037	3.71E-05	1.70284E-06	0.000411	6.29E-09	4.50E-04	3.27E-05	1.31E-06	0.000783	6.5E-09	0.000817
2952	479276.63	3849921.93	0.01612	0.01604	0.01557	0.00995	3.03E-05	1.4E-06	0.00034	1.1E-08	0.00037	3.71E-05	1.72434E-06	0.000416	6.22E-09	4.55E-04	3.27E-05	1.33E-06	0.000793	6.43E-09	0.000827
2953	479326.63	3849921.93	0.01661	0.01645	0.01611	0.0107	3.12E-05	1.4E-06	0.00035	1.2E-08	0.00038	3.82E-05	1.76841E-06	0.000431	6.69E-09	4.71E-04	3.37E-05	1.36E-06	0.00082	6.91E-09	0.000856
2954	479376.63	3849921.93	0.01658	0.01658	0.01629	0.01055	3.12E-05	1.5E-06	0.00035	1.2E-08	0.00039	3.82E-05	1.78239E-06	0.000436	6.6E-09	4.76E-04	3.37E-05	1.37E-06	0.00083	6.81E-09	0.000865
2955	479426.63	3849921.93	0.01693	0.01688	0.0167	0.01112	3.18E-05	1.5E-06	0.00036	1.2E-08	0.0004	3.90E-05	1.81464E-06	0.000447	6.95E-09	4.87E-04	3.44E-05	1.4E-06	0.000851	7.18E-09	0.000886
2956	478726.63	3849971.93	0.01356	0.01208	0.01237	0.00823	2.55E-05	1.1E-06	0.00027	9.2E-09	0.0003	3.12E-05	1.29863E-06	0.000331	5.15E-09	3.63E-04	2.75E-05	9.99E-07	0.00063	5.32E-09	0.000659
2957	478776.63	3849971.93	0.01379	0.01238	0.01256	0.00834	2.59E-05	1.1E-06	0.00027	9.3E-09	0.0003	3.18E-05	1.33088E-06	0.000336	5.22E-09	3.69E-04	2.8E-05	1.02E-06	0.00064	5.39E-09	0.000669
2958	478826.63	3849971.93	0.01402	0.0127	0.01276	0.00846	2.63E-05	1.1E-06	0.00028	9.5E-09	0.0003	3.23E-05	1.36528E-06	0.000341	5.29E-09	3.75E-04	2.85E-05	1.05E-06	0.00065	5.46E-09	0.000679
2959	478976.63	3849971.93	0.01488	0.01381	0.01361	0.00901	2.80E-05	1.2E-06	0.0003	1E-08	0.00032	3.43E-05	1.48461E-06	0.000364	5.64E-09	4.00E-04	3.02E-05	1.14E-06	0.000693	5.82E-09	0.000725
2960	479026.63	3849971.93	0.01513	0.01419	0.01388	0.00918	2.84E-05	1.2E-06	0.0003	1E-08	0.00033	3.48E-05	1.52546E-06	0.000371	5.74E-09	4.08E-04	3.07E-05	1.17E-06	0.000707	5.93E-09	0.000739
2961	479076.63	3849971.93	0.01538	0.01459	0.01419	0.00936	2.89E-05	1.3E-06	0.00031	1E-08	0.00034	3.54E-05	1.56846E-06	0.00038	5.85E-09	4.17E-04	3.12E-05	1.21E-06	0.000723	6.05E-09	0.000755
2962	479126.63	3849971.93	0.01566	0.01498	0.01455	0.00961	2.94E-05	1.3E-06	0.00032	1.1E-08	0.00035	3.61E-05	1.61038E-06	0.000389	6.01E-09	4.27E-04	3.18E-05	1.24E-06	0.000741	6.21E-09	0.000774
2963	479176.63	3849971.93	0.01595	0.01537	0.01493	0.00987	3.00E-05	1.3E-06	0.00032	1.1E-08	0.00036	3.67E-05	1.65231E-06	0.000399	6.17E-09	4.38E-04	3.24E-05	1.27E-06	0.00076	6.38E-09	0.000794
2964	479226.63	3849971.93	0.01589	0.01564	0.01503	0.00962	2.99E-05	1.4E-06	0.00033	1.1E-08	0.00036	3.66E-05	1.68134E-06	0.000402	6.02E-09	4.40E-04	3.23E-05	1.29E-06	0.000765	6.21E-09	0.000799
2965	479276.63	3849971.93	0.01638	0.01607	0.01559	0.01027	3.08E-05	1.4E-06	0.00034	1.1E-08	0.00037	3.77E-05	1.72756E-06	0.000417	6.42E-09	4.56E-04	3.33E-05	1.33E-06	0.000794	6.63E-09	0.000829
2966	479326.63	3849971.93	0.01677	0.01643	0.01608	0.01084	3.15E-05	1.4E-06	0.00035	1.2E-08	0.00038	3.86E-05	1.76626E-06	0.00043	6.78E-09	4.70E-04	3.4E-05	1.36E-06	0.000819	7E-09	0.000854
2967	479376.63	3849971.93	0.01678	0.01665	0.01628	0.01072	3.15E-05	1.5E-06	0.00035	1.2E-08	0.00039	3.86E-05	1.78991E-06	0.000435	6.7E-09	4.76E-04	3.41E-05	1.38E-06	0.000829	6.92E-09	0.000865
2968	479426.63	3849971.93	0.01705	0.01693	0.01666	0.01113	3.20E-05	1.5E-06	0.00036	1.2E-08	0.0004	3.93E-05	1.82001E-06	0.000446	6.96E-09	4.87E-04	3.46E-05	1.4E-06	0.000849	7.19E-09	0.000885
2969	478726.63	3850021.93	0.01357	0.01198	0.01241	0.00824	2.55E-05	1.1E-06	0.00027	9.2E-09	0.0003	3.12E-05	1.28788E-06	0.000332	5.15E-09	3.64E-04	2.76E-05	9.91E-07	0.000632	5.32E-09	0.000661
2970	478776.63	3850021.93	0.01378	0.01225	0.01256	0.00834	2.59E-05	1.1E-06	0.00027	9.3E-09	0.0003	3.17E-05	1.3169E-06	0.000336	5.22E-09	3.69E-04	2.8E-05	1.01E-06	0.00064	5.39E-09	0.000669
2971	478826.63	3850021.93	0.01402	0.01255	0.01276	0.00846	2.63E-05	1.1E-06	0.00028	9.5E-09	0.0003	3.23E-05	1.34915E-06	0.000341	5.29E-09	3.75E-04	2.85E-05	1.04E-06	0.00065	5.46E-09	0.000679
2972	478976.63	3850021.93	0.01486	0.01361	0.01354	0.00896	2.79E-05	1.2E-06	0.00029	1E-08	0.00032	3.42E-05	1.46311E-06	0.000362	5.6E-09	3.98E-04	3.02E-05	1.13E-06	0.00069	5.79E-09	0.000721
2973	478726.63	3850071.93	0.0136	0.01191	0.01249	0.00827	2.56E-05	1E-06	0.00027	9.2E-09	0.0003	3.13E-05	1.28035E-06	0.000334	5.17E-09	3.67E-04	2.76E-05	9.85E-07	0.000636	5.34E-09	0.000665
2974	478776.63	3850071.93	0.01381	0.01216	0.01264	0.00836	2.60E-05	1.1E-06	0.00027	9.3E-09	0.0003	3.18E-05	1.30723E-06	0.000338	5.23E-09	3.71E-04	2.8E-05	1.01E-06	0.000644	5.4E-09	0.000673
2975	478826.63	3850071.93	0.01404	0.01243	0.01281	0.00847	2.64E-05	1.1E-06	0.00028	9.5E-09	0.00031	3.23E-05	1.33625E-06	0.000343	5.3E-09	3.76E-04	2.85E-05	1.03E-06	0.000652	5.47E-09	0.000682
2976	478876.63	3850071.93	0.01429	0.01274	0.01301	0.0086	2.69E-05	1.1E-06	0.00028	9.6E-09	0.00031	3.29E-05	1.36958E-06	0.000348	5.38E-09	3.82E-04	2.9E-05	1.05E-06	0.000663	5.56E-09	0.000693
2977	478976.63	3850071.93	0.01486	0.01343	0.01352	0.00894	2.79E-05	1.2E-06	0.00029	1E-08	0.00032	3.42E-05	1.44376E-06	0.000362	5.59E-09	3.97E-04	3.02E-05	1.11E-06	0.000689	5.77E-09	0.00072
2978	478726.63	3850121.93	0.01365	0.01211	0.01259	0.00831	2.57E-05	1.1E-06	0.00027	9.3E-09	0.0003	3.14E-05	1.30185E-06	0.000337	5.2E-09	3.69E-04	2.77E-05	1E-06	0.000641	5.37E-09	0.00067
2979	478776.63	3850121.93	0.01387	0.01232	0.01273	0.0084	2.61E-05	1.1E-06	0.00028	9.4E-09	0.0003	3.19E-05	1.32443E-06	0.00034	5.25E-09	3.74E-04	2.82E-05	1.02E-06	0.000648	5.43E-09	0.000678
2980	478826.63	3850121.93	0.01408	0.01255	0.01288	0.00849	2.65E-05	1.1E-06	0.00028	9.5E-09	0.00031	3.24E-05	1.34915E-06	0.000344	5.31E-09	3.78E-04	2.86E-05	1.04E-06	0.000656	5.48E-09	0.000686
2981	478876.63	3850121.93	0.0143	0.0128	0.01304	0.0086	2.69E-05	1.1E-06	0.00028	9.6E-09	0.00031	3.29E-05	1.37603E-06	0.000349	5.38E-09	3.83E-04	2.9E-05	1.06E-06	0.000664	5.56E-09	0.000694
2982	478976.63	3850121.93	0.01487	0.01338	0.01352	0.00891	2.79E-05	1.2E-06	0.00029	1E-08	0.00032	3.42E-05	1.43838E-06	0.000362	5.57E-09	3.97E-04	3.02E-05	1.11E-06	0.000689	5.76E-09	0.00072
2983	479026.63	3850121.93	0.01515	0.0137	0.01378	0.00909	2.85E-05	1.2E-06	0.0003	1E-08	0.00033	3.49E-05	1.47278E-06	0.000369	5.69E-09	4.05E-04	3.08E-05	1.13E-06	0.000702	5.87E-09	0.000734
2984	479076.63	3850121.93	0.01541	0.014	0.01403	0.00927	2.90E-05	1.2E-06	0.0003	1E-08	0.00033	3.55E-05	1.50503E-06	0.000375	5.8E-09	4.12E-04	3.13E-05	1.16E-06	0.000715	5.99E-09	0.000747
2985	479126.63	3850121.93	0.01568	0.01438	0.01432	0.00946	2.95E-05	1.3E-06	0.00031	1.1E-08	0.00034	3.61E-05	1.54588E-06	0.000383	5.92E-09	4.21E-04	3.18E-05	1.19E-06	0.000729	6.11E-09	0.000762

2986	478776.63	3850171.93	0.01391	0.01228	0.01283	0.00845	2.61E-05	1.1E-06	0.00028	9.4E-09	0.00031	3.20E-05	1.32013E-06	0.000343	5.28E-09	3.77E-04	2.82E-05	1.02E-06	0.000653	5.46E-09	0.000683
2987	478826.63	3850171.93	0.01411	0.01249	0.01295	0.00852	2.65E-05	1.1E-06	0.00028	9.5E-09	0.00031	3.25E-05	1.3427E-06	0.000346	5.33E-09	3.80E-04	2.86E-05	1.03E-06	0.00066	5.5E-09	0.000689
2988	478876.63	3850171.93	0.01433	0.01272	0.0131	0.00862	2.69E-05	1.1E-06	0.00028	9.6E-09	0.00031	3.30E-05	1.36743E-06	0.00035	5.39E-09	3.85E-04	2.91E-05	1.05E-06	0.000667	5.57E-09	0.000697
2989	478976.63	3850171.93	0.01488	0.01327	0.01353	0.0089	2.80E-05	1.2E-06	0.00029	9.9E-09	0.00032	3.43E-05	1.42655E-06	0.000362	5.57E-09	3.98E-04	3.02E-05	1.1E-06	0.000689	5.75E-09	0.00072
2990	479026.63	3850171.93	0.01517	0.01358	0.0138	0.00908	2.85E-05	1.2E-06	0.0003	1E-08	0.00033	3.49E-05	1.45988E-06	0.000369	5.68E-09	4.05E-04	3.08E-05	1.12E-06	0.000703	5.87E-09	0.000735
2991	479076.63	3850171.93	0.01543	0.01389	0.01402	0.00924	2.90E-05	1.2E-06	0.0003	1E-08	0.00033	3.55E-05	1.49321E-06	0.000375	5.78E-09	4.12E-04	3.13E-05	1.15E-06	0.000714	5.97E-09	0.000747
2992	479126.63	3850171.93	0.0157	0.01423	0.0143	0.00944	2.95E-05	1.2E-06	0.00031	1.1E-08	0.00034	3.62E-05	1.52976E-06	0.000382	5.9E-09	4.20E-04	3.19E-05	1.18E-06	0.000728	6.1E-09	0.000761
2993	479176.63	3850171.93	0.01601	0.01458	0.01462	0.00968	3.01E-05	1.3E-06	0.00032	1.1E-08	0.00035	3.69E-05	1.56738E-06	0.000391	6.05E-09	4.29E-04	3.25E-05	1.21E-06	0.000745	6.25E-09	0.000778
2994	479226.63	3850171.93	0.0164	0.01496	0.01503	0.01002	3.08E-05	1.3E-06	0.00033	1.1E-08	0.00036	3.78E-05	1.60823E-06	0.000402	6.27E-09	4.41E-04	3.33E-05	1.24E-06	0.000765	6.47E-09	0.0008
2995	479276.63	3850171.93	0.01678	0.01535	0.01545	0.01041	3.15E-05	1.3E-06	0.00034	1.2E-08	0.00037	3.86E-05	1.65016E-06	0.000413	6.51E-09	4.54E-04	3.41E-05	1.27E-06	0.000787	6.72E-09	0.000822
2996	479326.63	3850171.93	0.01703	0.0157	0.01576	0.01067	3.20E-05	1.4E-06	0.00034	1.2E-08	0.00038	3.92E-05	1.68779E-06	0.000422	6.67E-09	4.62E-04	3.46E-05	1.3E-06	0.000803	6.89E-09	0.000839
2997	479376.63	3850171.93	0.01727	0.01605	0.01608	0.01093	3.25E-05	1.4E-06	0.00035	1.2E-08	0.00038	3.98E-05	1.72541E-06	0.00043	6.84E-09	4.72E-04	3.51E-05	1.33E-06	0.000819	7.06E-09	0.000855
2998	478676.63	3850221.93	0.01356	0.01198	0.01271	0.00843	2.55E-05	1.1E-06	0.00028	9.4E-09	0.0003	3.12E-05	1.28788E-06	0.00034	5.27E-09	3.72E-04	2.75E-05	9.91E-07	0.000647	5.45E-09	0.000676
2999	478726.63	3850221.93	0.01377	0.01212	0.01283	0.00848	2.59E-05	1.1E-06	0.00028	9.5E-09	0.00031	3.17E-05	1.30293E-06	0.000343	5.3E-09	3.76E-04	2.8E-05	1E-06	0.000653	5.48E-09	0.000682
3000	478976.63	3850221.93	0.01491	0.01317	0.01359	0.00891	2.80E-05	1.2E-06	0.0003	1E-08	0.00032	3.43E-05	1.4158E-06	0.000363	5.57E-09	3.99E-04	3.03E-05	1.09E-06	0.000692	5.76E-09	0.000724
3001	479026.63	3850221.93	0.01519	0.01347	0.01383	0.00907	2.85E-05	1.2E-06	0.0003	1E-08	0.00033	3.50E-05	1.44806E-06	0.00037	5.67E-09	4.06E-04	3.08E-05	1.11E-06	0.000704	5.86E-09	0.000736
3002	479076.63	3850221.93	0.01545	0.01377	0.01405	0.00923	2.90E-05	1.2E-06	0.00031	1E-08	0.00034	3.56E-05	1.48031E-06	0.000376	5.77E-09	4.13E-04	3.14E-05	1.14E-06	0.000716	5.96E-09	0.000748
3003	479126.63	3850221.93	0.01573	0.01409	0.0143	0.00941	2.96E-05	1.2E-06	0.00031	1.1E-08	0.00034	3.62E-05	1.51471E-06	0.000382	5.89E-09	4.20E-04	3.19E-05	1.17E-06	0.000728	6.08E-09	0.000761
3004	479176.63	3850221.93	0.01607	0.01445	0.01463	0.00966	3.02E-05	1.3E-06	0.00032	1.1E-08	0.00035	3.70E-05	1.55341E-06	0.000391	6.04E-09	4.30E-04	3.26E-05	1.19E-06	0.000745	6.24E-09	0.000779
3005	479226.63	3850221.93	0.01642	0.01482	0.01498	0.00995	3.09E-05	1.3E-06	0.00033	1.1E-08	0.00036	3.78E-05	1.59318E-06	0.000401	6.22E-09	4.40E-04	3.33E-05	1.23E-06	0.000763	6.43E-09	0.000798
3006	479276.63	3850221.93	0.01676	0.0152	0.01536	0.01027	3.15E-05	1.3E-06	0.00033	1.1E-08	0.00037	3.86E-05	1.63403E-06	0.000411	6.42E-09	4.51E-04	3.4E-05	1.26E-06	0.000782	6.63E-09	0.000818
3007	479326.63	3850221.93	0.01701	0.01555	0.01565	0.01051	3.20E-05	1.4E-06	0.00034	1.2E-08	0.00037	3.92E-05	1.67166E-06	0.000419	6.57E-09	4.59E-04	3.45E-05	1.29E-06	0.000797	6.79E-09	0.000833
3008	479376.63	3850221.93	0.01729	0.01592	0.01598	0.01081	3.25E-05	1.4E-06	0.00035	1.2E-08	0.00038	3.98E-05	1.71144E-06	0.000427	6.76E-09	4.69E-04	3.51E-05	1.32E-06	0.000814	6.98E-09	0.00085
3009	478676.63	3850271.93	0.01367	0.01205	0.01289	0.00858	2.57E-05	1.1E-06	0.00028	9.6E-09	0.00031	3.15E-05	1.2954E-06	0.000345	5.37E-09	3.78E-04	2.78E-05	9.97E-07	0.000656	5.54E-09	0.000685
3010	478726.63	3850271.93	0.01386	0.01216	0.01299	0.0086	2.60E-05	1.1E-06	0.00028	9.6E-09	0.00031	3.19E-05	1.30723E-06	0.000347	5.38E-09	3.81E-04	2.81E-05	1.01E-06	0.000662	5.56E-09	0.000691
3011	478976.63	3850271.93	0.01493	0.0131	0.01364	0.00892	2.81E-05	1.1E-06	0.0003	1E-08	0.00033	3.44E-05	1.40828E-06	0.000365	5.58E-09	4.01E-04	3.03E-05	1.08E-06	0.000695	5.76E-09	0.000726
3012	479026.63	3850271.93	0.01521	0.01337	0.01388	0.00908	2.86E-05	1.2E-06	0.0003	1E-08	0.00033	3.50E-05	1.4373E-06	0.000371	5.68E-09	4.08E-04	3.09E-05	1.11E-06	0.000707	5.87E-09	0.000739
3013	479076.63	3850271.93	0.01548	0.01366	0.01409	0.00923	2.91E-05	1.2E-06	0.00031	1E-08	0.00034	3.56E-05	1.46848E-06	0.000377	5.77E-09	4.14E-04	3.14E-05	1.13E-06	0.000718	5.96E-09	0.00075
3014	479126.63	3850271.93	0.01576	0.01398	0.01433	0.0094	2.96E-05	1.2E-06	0.00031	1.1E-08	0.00034	3.63E-05	1.50288E-06	0.000383	5.88E-09	4.21E-04	3.2E-05	1.16E-06	0.00073	6.07E-09	0.000763
3015	479176.63	3850271.93	0.01607	0.01432	0.01462	0.00962	3.02E-05	1.3E-06	0.00032	1.1E-08	0.00035	3.70E-05	1.53943E-06	0.000391	6.02E-09	4.30E-04	3.26E-05	1.18E-06	0.000745	6.21E-09	0.000778
3016	479226.63	3850271.93	0.0164	0.01468	0.01494	0.00988	3.08E-05	1.3E-06	0.00032	1.1E-08	0.00036	3.78E-05	1.57813E-06	0.0004	6.18E-09	4.39E-04	3.33E-05	1.21E-06	0.000761	6.38E-09	0.000795
3017	479276.63	3850271.93	0.01671	0.01504	0.01526	0.01014	3.14E-05	1.3E-06	0.00033	1.1E-08	0.00036	3.85E-05	1.61683E-06	0.000408	6.34E-09	4.48E-04	3.39E-05	1.24E-06	0.000777	6.55E-09	0.000812
3018	479326.63	3850271.93	0.01699	0.0154	0.01555	0.01038	3.19E-05	1.4E-06	0.00034	1.2E-08	0.00037	3.91E-05	1.65553E-06	0.000416	6.49E-09	4.57E-04	3.45E-05	1.27E-06	0.000792	6.71E-09	0.000828
3019	479376.63	3850271.93	0.01724	0.01576	0.01583	0.01061	3.24E-05	1.4E-06	0.00034	1.2E-08	0.00038	3.97E-05	1.69424E-06	0.000423	6.64E-09	4.65E-04	3.5E-05	1.3E-06	0.000806	6.85E-09	0.000843
3020	479053.24	3850293.52	0.01537	0.01349	0.01402	0.00917	2.89E-05	1.2E-06	0.0003	1E-08	0.00033	3.54E-05	1.45021E-06	0.000375	5.74E-09	4.12E-04	3.12E-05	1.12E-06	0.000714	5.92E-09	0.000746
3021	479103.24	3850293.52	0.01565	0.01379	0.01425	0.00933	2.94E-05	1.2E-06	0.00031	1E-08	0.00034	3.60E-05	1.48246E-06	0.000381	5.84E-09	4.19E-04	3.18E-05	1.14E-06	0.000726	6.03E-09	0.000759
3022	479153.24	3850293.52	0.01592	0.0141	0.01448	0.0095	2.99E-05	1.2E-06	0.00031	1.1E-08	0.00035	3.67E-05	1.51578E-06	0.000387	5.94E-09	4.25E-04	3.23E-05	1.17E-06	0.000737	6.14E-09	0.000771
3023	479203.24	3850293.52	0.01625	0.01445	0.01478	0.00973	3.05E-05	1.3E-06	0.00032	1.1E-08	0.00035	3.74E-05	1.55341E-06	0.000395	6.09E-09	4.34E-04	3.3E-05	1.19E-06	0.000753	6.29E-09	0.000787
3024	479253.24	3850293.52	0.01657	0.01481	0.01508	0.00998	3.11E-05	1.3E-06	0.00033	1.1E-08	0.00036	3.82E-05	1.59211E-06	0.000403	6.24E-09	4.43E-04	3.36E-05	1.22E-06	0.000768	6.45E-09	0.000803
3025	479303.24	3850293.52	0.01684	0.01516	0.01537	0.01021	3.16E-05	1.3E-06	0.00033	1.1E-08	0.00037	3.88E-05	1.62973E-06	0.000411	6.39E-09	4.51E-04	3.42E-05	1.25E-06	0.000783	6.6E-09	0.000818
3026	479353.24	3850293.52	0.01711	0.01552	0.01565	0.01043	3.22E-05	1.4E-06	0.00034	1.2E-08	0.00037	3.94E-05	1.66843E-06	0.000419	6.52E-09	4.60E-04	3.47E-05	1.28E-06	0.000797	6.74E-09	0.000833
3027	479153.24	3850343.52	0.01595	0.01414	0.01451	0.0095	3.00E-05	1.2E-06	0.00032	1.1E-08	0.00035	3.67E-05	1.52008E-06	0.000388	5.94E-09	4.26E-04	3.24E-05	1.17E-06	0.000739	6.14E-09	0.000773
3028	479203.24	3850343.52	0.01625	0.01446	0.01476	0.00969	3.05E-05	1.3E-06	0.00032	1.1E-08	0.00035	3.74E-05	1.55448E-06	0.000395	6.06E-09	4.34E-04	3.3E-05	1.2E-06	0.000752	6.26E-09	0.000786
3029	479253.24	3850343.52	0.01652	0.0148	0.01501	0.00989	3.10E-05	1.3E-06	0.00033	1.1E-08	0.00036	3.80E-05	1.59103E-06	0.000401	6.19E-09	4.41E-04	3.35E-05	1.22E-06	0.000764	6.39E-09	0.000799
3030	479303.24	3850343.52	0.0168	0.01501	0.01527	0.01009	3.16E-05	1.3E-06	0.00033	1.1E-08	0.00036	3.87E-05	1.61361E-06	0.000408	6.31E-09	4.49E-04	3.41E-05	1.24E-06	0.000778	6.52E-09	0.000813
3031	479353.24	3850343.52	0.01706	0.01537	0.01555	0.0103	3.21E-05	1.3E-06	0.00034	1.2E-08	0.00037	3.93E-05	1.65231E-06	0.000416	6.44E-09	4.57E-04	3.46E-05	1.27E-06	0.000792	6.65E-09	0.000828
3032	479203.24	3850393.52	0.01622	0.01433	0.01476	0.00966	3.05E-05	1.3E-06	0.00032	1.1E-08	0.00035	3.74E-05	1.54051E-06	0.000395	6.04E-09	4.34E-04	3.29E-05	1.19E-06	0.000752	6.24E-09	0.000786
3033	479253.24	3850393.52	0.0165	0.01465	0.01499	0.00983	3.10E-05	1.3E-06	0.00033	1.1E-08	0.00036	3.80E-05	1.57491E-06	0.000401	6.15E-09	4.40E-04	3.35E-05	1.21E-06	0.000763	6.35E-09	0.000798
3034	479303.24	3850393.52	0.01677	0.015	0.01522	0.01001	3.15E-05	1.3E-06	0.00033	1.1E-08	0.00036	3.86E-05	1.61253E-06	0.000407	6.26E-09	4.47E-04	3.4E-05	1.24E-06	0.000775	6.47E-09	0.00081
3035	479353.24	3850393.52	0.01704	0.01521	0.01547	0.0102	3.20E-05	1.3E-06	0.00034	1.1E-08	0.00037	3.92E-05	1.63511E-06	0.000414	6.38E-09	4.55E-04	3.46E-05	1.26E-06	0.000788	6.59E-09	0.000824
3036	479403.24	3850393.52	0.01731	0.01558	0.01575	0.01042	3.25E-05	1.4E-06	0.00034	1.2E-08	0.00038	3.99E-05	1.67488E-06	0.000421	6.52E-09	4.63E-04	3.51E-05	1.29E-06	0.000802	6.73E-09	0.000839
3037	479453.24	3850393.52	0.01757	0.01595	0.01603	0.01063	3.30E-05	1.4E-06	0.00035	1.2E-08	0.00038	4.05E-05	1.71466E-06	0.000429	6.65E-09	4.71E-04	3.57E-05	1.32E-06	0.000816	6.87E-09	0.000853
3038	479503.24	3850393.52	0.0178	0.01632	0.0163	0.01083	3.34E-05	1.4E-06	0.00035	1.2E-08	0.00039	4.10E-05	1.75444E-06	0.000436	6.77E-09	4.79E-04	3.61E-05	1.35E-06	0.00083	7E-09	0.000868
3039	479303.24	3850443.52	0.01672	0.01485	0.01517	0.00993	3.14E-05	1.3E-06	0.00033	1.1E-08	0.00036	3.85E-05	1.59641E-06	0.000406	6.21E-09	4.46E-04	3.39E-05	1.23E-06	0.000773	6.41E-09	0.000808
3040	479353.24	3850443.52	0.01698	0.0152	0.01539	0.01008	3.19E-05	1.3E-06	0.00033	1.1E-08	0.00037	3.91E-05	1.63403E-06	0.000412	6.3E-09	4.52E-04	3.45E-05	1.26E-06	0.000784	6.51E-09	0.00082
3041	479403.24	3850443.52	0.01723	0.01541	0.01563	0.01025	3.24E-05	1.4E-06	0.00034	1.1E-08	0.00037	3.97E-05	1.65661E-06	0.000418	6.41E-09	4.59E-04	3.5E-05	1.27E-06	0.000796	6.62E-09	0.000832
3042	479453.24	3850443.52	0.01749	0.01577	0.01588	0.01044	3.29E-05	1.4E-06	0.00034	1.2E-08	0.00038	4.03E-05	1.69531E-06	0.000425	6.53E-09	4.67E-04	3.55E-05	1.3E-06	0.000809	6.74E-09	0.000846
3043	479503.24	3850443.52	0.01773	0.01615	0.01613	0.01063	3.33E-05	1.4E-06	0.00035	1.2E-08	0.00039	4.08E-05	1.73616E-06	0.000431	6.65E-09	4.74E-04	3.6E-05	1.34E-06	0.000822	6.87E-09	0.000859
3044	480327.18	3850987.04	0.02341	0.02177	0.02167	0.01569	4.40E-05	1.9E-06	0.00047	1.8E-08	0.00052	5.39E-05	2.34032E-06	0.00058	9.81E-09	6.36E-04	4.75E-05	1.8E-06	0.001104	1.01E-08	0.001153
3045	480377.18	3850987.04	0.02372	0.02217	0.02214	0.01625	4.46E-05	1.9E-06	0.00048	1.8E-08	0.00053	5.46E-05	2.38332E-06	0.000592	1.02E-08	6.49E-04	4.82E-05	1.83E-06	0.001128	1.05E-08	0.001178
3046	480427.18	3850987.04	0.02402	0.02253	0.02261	0.01675	4.51E-05	2E-06	0.00049	1.9E-08	0.00054	5.53E-05	2.42203E-06	0.000605	1.05E-08	6.62E-04	4.88E-05	1.86E-06	0.001152	1.08E-08	0.001202

3047	480477.18	3850987.04	0.02428	0.02285	0.02305	0.0172	4.56E-05	2E-06	0.0005	1.9E-08	0.00055	5.59E-05	2.45643E-06	0.000616	1.08E-08	6.75E-04	4.93E-05	1.89E-06	0.001174	1.11E-08	0.001225
3048	480327.18	3851037.04	0.02344	0.02168	0.02149	0.01536	4.40E-05	1.9E-06	0.00047	1.7E-08	0.00051	5.40E-05	2.33065E-06	0.000575	9.61E-09	6.31E-04	4.76E-05	1.79E-06	0.001094	9.92E-09	0.001144
3049	480377.18	3851037.04	0.02379	0.02213	0.02199	0.01591	4.47E-05	1.9E-06	0.00048	1.8E-08	0.00052	5.48E-05	2.37902E-06	0.000588	9.95E-09	6.45E-04	4.83E-05	1.83E-06	0.00112	1.03E-08	0.00117
3050	480427.18	3851037.04	0.02412	0.02255	0.02248	0.01645	4.53E-05	2E-06	0.00049	1.8E-08	0.00054	5.55E-05	2.42418E-06	0.000601	1.03E-08	6.59E-04	4.9E-05	1.86E-06	0.001145	1.06E-08	0.001196
3051	480477.18	3851037.04	0.02442	0.02291	0.02296	0.017	4.59E-05	2E-06	0.0005	1.9E-08	0.00055	5.62E-05	2.46288E-06	0.000614	1.06E-08	6.73E-04	4.96E-05	1.89E-06	0.001169	1.1E-08	0.001221
3052	480622.06	3851087.39	0.02536	0.02386	0.02416	0.01828	4.77E-05	2.1E-06	0.00052	2E-08	0.00057	5.84E-05	2.565E-06	0.000646	1.14E-08	7.07E-04	5.15E-05	1.97E-06	0.00123	1.18E-08	0.001284
3053	480672.06	3851087.39	0.0256	0.02406	0.02455	0.01877	4.81E-05	2.1E-06	0.00053	2.1E-08	0.00058	5.90E-05	2.5865E-06	0.000657	1.17E-08	7.18E-04	5.2E-05	1.99E-06	0.00125	1.21E-08	0.001304
3054	480622.06	3851137.39	0.02554	0.02398	0.02409	0.01811	4.80E-05	2.1E-06	0.00052	2E-08	0.00057	5.88E-05	2.5779E-06	0.000644	1.13E-08	7.06E-04	5.19E-05	1.98E-06	0.001227	1.17E-08	0.001281
3055	480672.06	3851137.39	0.02581	0.02425	0.02454	0.01865	4.85E-05	2.1E-06	0.00053	2.1E-08	0.00058	5.94E-05	2.60693E-06	0.000656	1.17E-08	7.18E-04	5.24E-05	2.01E-06	0.00125	1.2E-08	0.001304
3056	480722.06	3851137.39	0.02606	0.02446	0.02494	0.01916	4.90E-05	2.1E-06	0.00054	2.1E-08	0.00059	6.00E-05	2.6295E-06	0.000667	1.2E-08	7.30E-04	5.29E-05	2.02E-06	0.00127	1.24E-08	0.001325
3057	480622.06	3851187.39	0.02568	0.02405	0.02398	0.01786	4.83E-05	2.1E-06	0.00052	2E-08	0.00057	5.91E-05	2.58543E-06	0.000641	1.12E-08	7.03E-04	5.21E-05	1.99E-06	0.001221	1.15E-08	0.001275
3058	480672.06	3851187.39	0.02599	0.02438	0.02447	0.01846	4.88E-05	2.1E-06	0.00053	2.1E-08	0.00058	5.99E-05	2.6209E-06	0.000654	1.15E-08	7.17E-04	5.28E-05	2.02E-06	0.001246	1.19E-08	0.001301
3059	480722.06	3851187.39	0.02627	0.02465	0.02492	0.01905	4.94E-05	2.2E-06	0.00054	2.1E-08	0.00059	6.05E-05	2.64993E-06	0.000667	1.19E-08	7.30E-04	5.33E-05	2.04E-06	0.001269	1.23E-08	0.001325
3060	471363.09	3845877.25	0.00362	0.00357	0.00375	0.00268	6.80E-06	3.1E-07	8.1E-05	3E-09	8.9E-05	8.34E-06	3.83783E-07	0.0001	1.68E-09	1.09E-04	7.35E-06	2.95E-07	0.000191	1.73E-09	0.000199
3061	471863.09	3845877.25	0.00347	0.00341	0.00358	0.00256	6.52E-06	3E-07	7.8E-05	2.9E-09	8.5E-05	7.99E-06	3.66583E-07	9.57E-05	1.6E-09	1.04E-04	7.05E-06	2.82E-07	0.000182	1.65E-09	0.00019
3062	472363.09	3845877.25	0.00378	0.00368	0.00388	0.00273	7.10E-06	3.2E-07	8.4E-05	3.1E-09	9.2E-05	8.70E-06	3.95608E-07	0.000104	1.71E-09	1.13E-04	7.67E-06	3.04E-07	0.000198	1.76E-09	0.000206
3063	472863.09	3845877.25	0.00318	0.00313	0.0033	0.00234	5.98E-06	2.7E-07	7.2E-05	2.6E-09	7.8E-05	7.32E-06	3.36482E-07	8.83E-05	1.46E-09	9.59E-05	6.46E-06	2.59E-07	0.000168	1.51E-09	0.000175
3064	473363.09	3845877.25	0.00311	0.00301	0.00315	0.00222	5.84E-06	2.6E-07	6.8E-05	2.5E-09	7.5E-05	7.16E-06	3.23582E-07	8.42E-05	1.39E-09	9.17E-05	6.31E-06	2.49E-07	0.00016	1.43E-09	0.000167
3065	473863.09	3845877.25	0.00326	0.00319	0.00334	0.00233	6.13E-06	2.8E-07	7.3E-05	2.6E-09	7.9E-05	7.51E-06	3.42932E-07	8.93E-05	1.46E-09	9.72E-05	6.62E-06	2.64E-07	0.00017	1.51E-09	0.000177
3066	474363.09	3845877.25	0.00386	0.00376	0.00387	0.00258	7.25E-06	3.3E-07	8.4E-05	2.9E-09	9.2E-05	8.89E-06	4.04208E-07	0.000104	1.61E-09	1.13E-04	7.84E-06	3.11E-07	0.000197	1.67E-09	0.000205
3067	474863.09	3845877.25	0.00489	0.00487	0.00478	0.00292	9.19E-06	4.3E-07	0.0001	3.3E-09	0.00011	1.13E-05	5.23536E-07	0.000128	1.83E-09	1.40E-04	9.93E-06	4.03E-07	0.000243	1.89E-09	0.000254
3068	475363.09	3845877.25	0.00618	0.00619	0.00643	0.004	1.16E-05	5.4E-07	0.00014	4.5E-09	0.00015	1.42E-05	6.65439E-07	0.000172	2.5E-09	1.87E-04	1.25E-05	5.12E-07	0.000327	2.58E-09	0.000341
3069	475863.09	3845877.25	0.00644	0.00645	0.00662	0.0043	1.21E-05	5.7E-07	0.00014	4.8E-09	0.00016	1.48E-05	6.93389E-07	0.000177	2.69E-09	1.93E-04	1.31E-05	5.33E-07	0.000337	2.78E-09	0.000351
3070	476363.09	3845877.25	0.00596	0.00601	0.00625	0.00391	1.12E-05	5.3E-07	0.00014	4.4E-09	0.00015	1.37E-05	6.46088E-07	0.000167	2.45E-09	1.82E-04	1.21E-05	4.97E-07	0.000318	2.53E-09	0.000331
3071	476863.09	3845877.25	0.00539	0.00503	0.00579	0.0037	1.01E-05	4.4E-07	0.00013	4.1E-09	0.00014	1.24E-05	5.40736E-07	0.000155	2.31E-09	1.68E-04	1.09E-05	4.16E-07	0.000295	2.39E-09	0.000306
3072	477363.09	3845877.25	0.00451	0.00453	0.0045	0.00294	8.48E-06	4E-07	9.8E-05	3.3E-09	0.00011	1.04E-05	4.86985E-07	0.00012	1.84E-09	1.31E-04	9.16E-06	3.75E-07	0.000229	1.9E-09	0.000239
3073	477863.09	3845877.25	0.00392	0.00393	0.00403	0.00242	7.37E-06	3.4E-07	8.8E-05	2.7E-09	9.5E-05	9.03E-06	4.22484E-07	0.000108	1.51E-09	1.17E-04	7.96E-06	3.25E-07	0.000205	1.56E-09	0.000214
3074	478363.09	3845877.25	0.0038	0.00328	0.00404	0.00243	7.14E-06	2.9E-07	8.8E-05	2.7E-09	9.5E-05	8.75E-06	3.52607E-07	0.000108	1.52E-09	1.17E-04	7.72E-06	2.71E-07	0.000206	1.57E-09	0.000214
3075	478863.09	3845877.25	0.00362	0.00363	0.00368	0.00227	6.80E-06	3.2E-07	8E-05	2.5E-09	8.7E-05	8.34E-06	3.90233E-07	9.84E-05	1.42E-09	1.07E-04	7.35E-06	3E-07	0.000187	1.47E-09	0.000195
3076	479363.09	3845877.25	0.00349	0.00344	0.00357	0.00217	6.56E-06	3E-07	7.8E-05	2.4E-09	8.4E-05	8.04E-06	3.69808E-07	9.55E-05	1.36E-09	1.04E-04	7.09E-06	2.84E-07	0.000182	1.4E-09	0.000189
3077	479863.09	3845877.25	0.00338	0.00318	0.00358	0.00206	6.35E-06	2.8E-07	7.8E-05	2.3E-09	8.4E-05	7.78E-06	3.41857E-07	9.57E-05	1.29E-09	1.04E-04	6.86E-06	2.63E-07	0.000182	1.33E-09	0.000189
3078	480363.09	3845877.25	0.00286	0.0025	0.00302	0.00195	5.37E-06	2.2E-07	6.6E-05	2.2E-09	7.1E-05	6.59E-06	2.68756E-07	8.08E-05	1.22E-09	8.76E-05	5.81E-06	2.07E-07	0.000154	1.26E-09	0.00016
3079	480863.09	3845877.25	0.00258	0.00236	0.00266	0.00179	4.85E-06	2.1E-07	5.8E-05	2E-09	6.3E-05	5.94E-06	2.53705E-07	7.11E-05	1.12E-09	7.73E-05	5.24E-06	1.95E-07	0.000135	1.16E-09	0.000141
3080	481363.09	3845877.25	0.00237	0.00244	0.00237	0.00169	4.45E-06	2.1E-07	5.1E-05	1.9E-09	5.6E-05	5.46E-06	2.62305E-07	6.34E-05	1.06E-09	6.91E-05	4.81E-06	2.02E-07	0.000121	1.09E-09	0.000126
3081	481863.09	3845877.25	0.00213	0.00202	0.00218	0.00158	4.00E-06	1.8E-07	4.7E-05	1.8E-09	5.2E-05	4.90E-06	2.17155E-07	5.83E-05	9.88E-10	6.34E-05	4.32E-06	1.67E-07	0.000111	1.02E-09	0.000116
3082	482363.09	3845877.25	0.00192	0.00172	0.00199	0.00148	3.61E-06	1.5E-07	4.3E-05	1.7E-09	4.7E-05	4.42E-06	1.84904E-07	5.32E-05	9.26E-10	5.78E-05	3.9E-06	1.42E-07	0.000101	9.56E-10	0.000105
3083	482863.09	3845877.25	0.00155	0.00153	0.00157	0.00132	2.91E-06	1.3E-07	3.4E-05	1.5E-09	3.7E-05	3.57E-06	1.64478E-07	4.2E-05	8.26E-10	4.57E-05	3.15E-06	1.27E-07	8E-05	8.53E-10	8.32E-05
3084	483363.09	3845877.25	0.00142	0.00147	0.00144	0.00124	2.67E-06	1.3E-07	3.1E-05	1.4E-09	3.4E-05	3.27E-06	1.58028E-07	3.85E-05	7.76E-10	4.19E-05	2.88E-06	1.22E-07	7.33E-05	8.01E-10	7.63E-05
3085	483863.09	3845877.25	0.00162	0.0015	0.00166	0.00139	3.04E-06	1.3E-07	3.6E-05	1.6E-09	3.9E-05	3.73E-06	1.61253E-07	4.44E-05	8.69E-10	4.83E-05	3.29E-06	1.24E-07	8.45E-05	8.98E-10	8.8E-05
3086	484363.09	3845877.25	0.00159	0.00148	0.00161	0.00134	2.99E-06	1.3E-07	3.5E-05	1.5E-09	3.8E-05	3.66E-06	1.59103E-07	4.31E-05	8.38E-10	4.69E-05	3.23E-06	1.22E-07	8.2E-05	8.66E-10	8.53E-05
3087	484863.09	3845877.25	0.00151	0.00142	0.00156	0.00128	2.84E-06	1.2E-07	3.4E-05	1.4E-09	3.7E-05	3.48E-06	1.52653E-07	4.17E-05	8.01E-10	4.54E-05	3.07E-06	1.17E-07	7.95E-05	8.27E-10	8.26E-05
3088	485363.09	3845877.25	0.00142	0.00139	0.00144	0.00124	2.67E-06	1.2E-07	3.1E-05	1.4E-09	3.4E-05	3.27E-06	1.49428E-07	3.85E-05	7.76E-10	4.19E-05	2.88E-06	1.15E-07	7.33E-05	8.01E-10	7.63E-05
3089	485863.09	3845877.25	0.00139	0.00142	0.0014	0.00123	2.61E-06	1.2E-07	3E-05	1.4E-09	3.3E-05	3.20E-06	1.52653E-07	3.74E-05	7.69E-10	4.08E-05	2.82E-06	1.17E-07	7.13E-05	7.95E-10	7.42E-05
3090	486363.09	3845877.25	0.00133	0.00122	0.00134	0.00119	2.50E-06	1.1E-07	2.9E-05	1.3E-09	3.2E-05	3.06E-06	1.31153E-07	3.58E-05	7.44E-10	3.90E-05	2.7E-06	1.01E-07	6.82E-05	7.69E-10	7.1E-05
3091	486863.09	3845877.25	0.00123	0.00121	0.00122	0.00109	2.31E-06	1.1E-07	2.6E-05	1.2E-09	2.9E-05	2.83E-06	1.30078E-07	3.26E-05	6.82E-10	3.56E-05	2.5E-06	1E-07	6.21E-05	7.04E-10	6.47E-05
3092	487363.09	3845877.25	0.0012	0.00124	0.0012	0.00105	2.26E-06	1.1E-07	2.6E-05	1.2E-09	2.8E-05	2.76E-06	1.33303E-07	3.21E-05	6.57E-10	3.50E-05	2.44E-06	1.03E-07	6.11E-05	6.78E-10	6.37E-05
3093	487863.09	3845877.25	0.00112	0.00116	0.00112	0.00102	2.10E-06	1E-07	2.4E-05	1.1E-09	2.7E-05	2.58E-06	1.24703E-07	3E-05	6.38E-10	3.27E-05	2.27E-06	9.59E-08	5.7E-05	6.59E-10	5.94E-05
3094	488363.09	3845877.25	0.00108	0.00108	0.00109	0.00101	2.03E-06	9.5E-08	2.4E-05	1.1E-09	2.6E-05	2.49E-06	1.16102E-07	2.92E-05	6.32E-10	3.18E-05	2.19E-06	8.93E-08	5.55E-05	6.52E-10	5.78E-05
3095	488863.09	3845877.25	0.00119	0.00119	0.00117	0.00106	2.24E-06	1E-07	2.5E-05	1.2E-09	2.8E-05	2.74E-06	1.27928E-07	3.13E-05	6.63E-10	3.42E-05	2.42E-06	9.84E-08	5.96E-05	6.85E-10	6.21E-05
3096	489363.09	3845877.25	0.00119	0.00114	0.00118	0.00105	2.24E-06	1E-07	2.6E-05	1.2E-09	2.8E-05	2.74E-06	1.22553E-07	3.16E-05	6.57E-10	3.44E-05	2.42E-06	9.43E-08	6.01E-05	6.78E-10	6.26E-05
3097	489863.09	3845877.25	0.00114	0.0011	0.00112	0.00102	2.14E-06	9.6E-08	2.4E-05	1.1E-09	2.7E-05	2.63E-06	1.18252E-07	3E-05	6.38E-10	3.27E-05	2.31E-06	9.1E-08	5.7E-05	6.59E-10	5.94E-05
3098	490363.09	3845877.25	0.00108	0.00112	0.00104	0.00099	2.03E-06	9.8E-08	2.3E-05	1.1E-09	2.5E-05	2.49E-06	1.20403E-07	2.78E-05	6.19E-10	3.04E-05	2.19E-06	9.26E-08	5.3E-05	6.4E-10	5.53E-05
3099	490863.09	3845877.25	0.00097	0.0011	0.00093	0.00094	1.82E-06	9.6E-08	2E-05	1.1E-09	2.2E-05	2.23E-06	1.18252E-07	2.49E-05	5.88E-10	2.72E-05	1.97E-06	9.1E-08	4.74E-05	6.07E-10	4.94E-05
3100	491363.09	3845877.25	0.00106	0.00124	0.001	0.00099	1.99E-06	1.1E-07	2.2E-05	1.1E-09	2.4E-05	2.44E-06	1.33303E-07	2.67E-05	6.19E-10	2.93E-05	2.15E-06	1.03E-07	5.09E-05	6.4E-10	5.32E-05
3101	491863.09	3845877.25	0.00114	0.00132	0.00108	0.00104	2.14E-06	1.2E-07	2.3E-05	1.2E-09	2.6E-05	2.63E-06	1.41903E-07	2.89E-05	6.5E-10	3.17E-05	2.31E-06	1.09E-07	5.5E-05	6.72E-10	5.74E-05
3102	492363.09	3845877.25	0.00108	0.00118	0.00104	0.00103	2.03E-06	1E-07	2.3E-05	1.2E-09	2.5E-05	2.49E-06	1.26853E-07	2.78E-05	6.44E-10	3.04E-05	2.19E-06	9.76E-08	5.3E-05	6.65E-10	5.53E-05
3103	492863.09	3845877.25	0.00124	0.00129	0.0012	0.00114	2.33E-06	1.1E-07	2.6E-05	1.3E-09	2.9E-05	2.86E-06	1.38678E-07	3.21E-05	7.13E-10	3.51E-05	2.52E-06	1.07E-07	6.11E-05	7.36E-10	6.37E-05
3104	493363.09	3845877.25	0.00134	0.0014	0.00129	0.0012	2.52E-06	1.2E-07	2.8E-05	1.3E-09	3.1E-05	3.09E-06	1.50503E-07	3.45E-05	7.51E-10	3.77E-05	2.72E-06	1.16E-07	6.57E-05	7.75E-10	6.85E-05
3105	493863.09	3845877.25	0.00146	0.00148	0.0014	0.00126	2.74E-06	1.3E-07	3E-05	1.4E-09	3.3E-05	3.36E-06	1.59103E-07	3.74E-05	7.88E-10	4.10E-05	2.96E-06	1.22E-07	7.13E-05	8.14E-10	7.44E-05
3106	494363.09	3845877.25	0.00156	0.00157	0.00151	0.00133	2.93E-06	1.4E-07	3.3E-05	1.5E-09	3.6E-05	3.59E-06	1.68779E-07	4.04E-05	8.32E-10	4.41E-05	3.17E-06	1.3E-07	7.69E-05	8.59E-10	8.02E-05
3107	494863.09	3845877.25	0.00165	0.00166	0.0016	0.00138	3.10E-06	1.5E-07	3.5E-05	1.5E-09	3.8E-05	3.80E-06	1.78454E-07	4.28E-05	8.63E-10	4.68E-05	3.35E-06	1.37E-07	8.15E-05	8.91E-10	8.5E-05

3108	495363.09	3845877.25	0.00177	0.00177	0.00172	0.00145	3.33E-06	1.6E-07	3.7E-05	1.6E-09	4.1E-05	4.08E-06	1.90279E-07	4.6E-05	9.07E-10	5.03E-05	3.59E-06	1.46E-07	8.76E-05	9.37E-10	9.13E-05
3109	495863.09	3845877.25	0.0019	0.00194	0.00183	0.00154	3.57E-06	1.7E-07	4E-05	1.7E-09	4.3E-05	4.38E-06	2.08554E-07	4.89E-05	9.63E-10	5.35E-05	3.86E-06	1.6E-07	9.32E-05	9.95E-10	9.72E-05
3110	496363.09	3845877.25	0.00204	0.00217	0.00193	0.00163	3.83E-06	1.9E-07	4.2E-05	1.8E-09	4.6E-05	4.70E-06	2.3328E-07	5.16E-05	1.02E-09	5.66E-05	4.14E-06	1.79E-07	9.83E-05	1.05E-09	0.000103
3111	496863.09	3845877.25	0.00215	0.00232	0.00201	0.0017	4.04E-06	2E-07	4.4E-05	1.9E-09	4.8E-05	4.95E-06	2.49405E-07	5.38E-05	1.06E-09	5.90E-05	4.37E-06	1.92E-07	0.000102	1.1E-09	0.000107
3112	497363.09	3845877.25	0.00226	0.00242	0.00211	0.00176	4.25E-06	2.1E-07	4.6E-05	2E-09	5E-05	5.20E-06	2.60155E-07	5.64E-05	1.1E-09	6.19E-05	4.59E-06	2E-07	0.000107	1.14E-09	0.000112
3113	497863.09	3845877.25	0.0024	0.00254	0.00224	0.00185	4.51E-06	2.2E-07	4.9E-05	2.1E-09	5.3E-05	5.53E-06	2.73056E-07	5.99E-05	1.16E-09	6.57E-05	4.87E-06	2.1E-07	0.000114	1.2E-09	0.000119
3114	498363.09	3845877.25	0.00253	0.0027	0.00236	0.00192	4.75E-06	2.4E-07	5.1E-05	2.1E-09	5.6E-05	5.83E-06	2.90256E-07	6.31E-05	1.2E-09	6.92E-05	5.14E-06	2.23E-07	0.00012	1.24E-09	0.000126
3115	471363.09	3846377.25	0.00544	0.00515	0.00538	0.00412	1.02E-05	4.5E-07	0.00012	4.6E-09	0.00013	1.25E-05	5.53637E-07	0.000144	2.58E-09	1.57E-04	1.1E-05	4.26E-07	0.000274	2.66E-09	0.000285
3116	471863.09	3846377.25	0.00506	0.00486	0.00511	0.00377	9.51E-06	4.3E-07	0.00011	4.2E-09	0.00012	1.17E-05	5.22461E-07	0.000137	2.36E-09	1.49E-04	1.03E-05	4.02E-07	0.00026	2.44E-09	0.000271
3117	472363.09	3846377.25	0.00376	0.00371	0.00389	0.00275	7.07E-06	3.3E-07	8.4E-05	3.1E-09	9.2E-05	8.66E-06	3.98833E-07	0.000104	1.72E-09	1.13E-04	7.63E-06	3.07E-07	0.000198	1.78E-09	0.000206
3118	472863.09	3846377.25	0.00381	0.00374	0.0039	0.00275	7.16E-06	3.3E-07	8.5E-05	3.1E-09	9.2E-05	8.77E-06	4.02058E-07	0.000104	1.72E-09	1.13E-04	7.74E-06	3.09E-07	0.000199	1.78E-09	0.000207
3119	473363.09	3846377.25	0.00376	0.00369	0.00391	0.00271	7.07E-06	3.2E-07	8.5E-05	3E-09	9.2E-05	8.66E-06	3.96683E-07	0.000105	1.69E-09	1.14E-04	7.63E-06	3.05E-07	0.000199	1.75E-09	0.000207
3120	473863.09	3846377.25	0.00379	0.00363	0.00384	0.00264	7.12E-06	3.2E-07	8.3E-05	2.9E-09	9.1E-05	8.73E-06	3.90233E-07	0.000103	1.65E-09	1.12E-04	7.7E-06	3E-07	0.000196	1.71E-09	0.000204
3121	474363.09	3846377.25	0.00395	0.00381	0.00399	0.00273	7.42E-06	3.3E-07	8.7E-05	3.1E-09	9.4E-05	9.10E-06	4.09584E-07	0.000107	1.71E-09	1.16E-04	8.02E-06	3.15E-07	0.000203	1.76E-09	0.000212
3122	474863.09	3846377.25	0.00458	0.00444	0.00456	0.00303	8.61E-06	3.9E-07	9.9E-05	3.4E-09	0.00011	1.05E-05	4.7731E-07	0.000122	1.9E-09	1.33E-04	9.3E-06	3.67E-07	0.000232	1.96E-09	0.000242
3123	475363.09	3846377.25	0.00568	0.00564	0.00551	0.00337	1.07E-05	4.9E-07	0.00012	3.8E-09	0.00013	1.31E-05	6.06313E-07	0.000147	2.11E-09	1.61E-04	1.15E-05	4.66E-07	0.000281	2.18E-09	0.000293
3124	475863.09	3846377.25	0.00706	0.00707	0.0073	0.00459	1.33E-05	6.2E-07	0.00016	5.1E-09	0.00017	1.63E-05	7.60041E-07	0.000195	2.87E-09	2.12E-04	1.43E-05	5.85E-07	0.000372	2.96E-09	0.000387
3125	476363.09	3846377.25	0.00708	0.00712	0.00727	0.00468	1.33E-05	6.2E-07	0.00016	5.2E-09	0.00017	1.63E-05	7.65416E-07	0.000194	2.93E-09	2.12E-04	1.44E-05	5.89E-07	0.00037	3.02E-09	0.000385
3126	476863.09	3846377.25	0.00654	0.00654	0.00691	0.00427	1.23E-05	5.7E-07	0.00015	4.8E-09	0.00016	1.51E-05	7.03065E-07	0.000185	2.67E-09	2.01E-04	1.33E-05	5.41E-07	0.000352	2.76E-09	0.000366
3127	477363.09	3846377.25	0.00591	0.00548	0.00627	0.00402	1.11E-05	4.8E-07	0.00014	4.5E-09	0.00015	1.36E-05	5.89112E-07	0.000168	2.51E-09	1.82E-04	1.2E-05	4.53E-07	0.000319	2.6E-09	0.000332
3128	477863.09	3846377.25	0.00479	0.00496	0.00476	0.00305	9.00E-06	4.4E-07	0.0001	3.4E-09	0.00011	1.10E-05	5.33211E-07	0.000127	1.91E-09	1.39E-04	9.73E-06	4.1E-07	0.000242	1.97E-09	0.000253
3129	478363.09	3846377.25	0.00435	0.00412	0.00456	0.00265	8.17E-06	3.6E-07	9.9E-05	3E-09	0.00011	1.00E-05	4.42909E-07	0.000122	1.66E-09	1.32E-04	8.83E-06	3.41E-07	0.000232	1.71E-09	0.000241
3130	478863.09	3846377.25	0.00436	0.00389	0.00454	0.00269	8.19E-06	3.4E-07	9.9E-05	3E-09	0.00011	1.00E-05	4.18184E-07	0.000121	1.68E-09	1.32E-04	8.85E-06	3.22E-07	0.000231	1.74E-09	0.00024
3131	479363.09	3846377.25	0.00416	0.00422	0.00423	0.00253	7.82E-06	3.7E-07	9.2E-05	2.8E-09	0.0001	9.58E-06	4.53659E-07	0.000113	1.58E-09	1.23E-04	8.45E-06	3.49E-07	0.000215	1.63E-09	0.000224
3132	479863.09	3846377.25	0.00377	0.00367	0.00389	0.00227	7.08E-06	3.2E-07	8.4E-05	2.5E-09	9.2E-05	8.68E-06	3.94533E-07	0.000104	1.42E-09	1.13E-04	7.65E-06	3.04E-07	0.000198	1.47E-09	0.000206
3133	480363.09	3846377.25	0.00371	0.00328	0.00398	0.00229	6.97E-06	2.9E-07	8.6E-05	2.6E-09	9.4E-05	8.54E-06	3.52607E-07	0.000106	1.43E-09	1.15E-04	7.53E-06	2.71E-07	0.000203	1.48E-09	0.000211
3134	480863.09	3846377.25	0.00304	0.00272	0.00317	0.00204	5.71E-06	2.4E-07	6.9E-05	2.3E-09	7.5E-05	7.00E-06	2.92406E-07	8.48E-05	1.28E-09	9.21E-05	6.17E-06	2.25E-07	0.000161	1.32E-09	0.000168
3135	481363.09	3846377.25	0.00285	0.00279	0.00291	0.00193	5.36E-06	2.4E-07	6.3E-05	2.2E-09	6.9E-05	6.56E-06	2.99931E-07	7.78E-05	1.21E-09	8.47E-05	5.79E-06	2.31E-07	0.000148	1.25E-09	0.000154
3136	481863.09	3846377.25	0.00253	0.00258	0.00254	0.00178	4.75E-06	2.3E-07	5.5E-05	2E-09	6E-05	5.83E-06	2.77356E-07	6.79E-05	1.11E-09	7.40E-05	5.14E-06	2.13E-07	0.000129	1.15E-09	0.000135
3137	482363.09	3846377.25	0.00219	0.00195	0.00227	0.00165	4.12E-06	1.7E-07	4.9E-05	1.8E-09	5.4E-05	5.04E-06	2.09629E-07	6.07E-05	1.03E-09	6.60E-05	4.45E-06	1.61E-07	0.000116	1.07E-09	0.00012
3138	482863.09	3846377.25	0.00185	0.00178	0.00188	0.00148	3.48E-06	1.6E-07	4.1E-05	1.7E-09	4.4E-05	4.26E-06	1.91354E-07	5.03E-05	9.26E-10	5.47E-05	3.76E-06	1.47E-07	9.57E-05	9.56E-10	9.97E-05
3139	483363.09	3846377.25	0.00194	0.00189	0.00201	0.00151	3.65E-06	1.7E-07	4.4E-05	1.7E-09	4.7E-05	4.47E-06	2.03179E-07	5.38E-05	9.44E-10	5.84E-05	3.94E-06	1.56E-07	0.000102	9.75E-10	0.000106
3140	483863.09	3846377.25	0.00186	0.00173	0.0019	0.00153	3.50E-06	1.5E-07	4.1E-05	1.7E-09	4.5E-05	4.28E-06	1.85979E-07	5.08E-05	9.57E-10	5.53E-05	3.78E-06	1.43E-07	9.68E-05	9.88E-10	0.000101
3141	484363.09	3846377.25	0.00166	0.00156	0.0017	0.00142	3.12E-06	1.4E-07	3.7E-05	1.6E-09	4E-05	3.82E-06	1.67703E-07	4.55E-05	8.88E-10	4.95E-05	3.37E-06	1.29E-07	8.66E-05	9.17E-10	9.01E-05
3142	484863.09	3846377.25	0.00178	0.00163	0.00184	0.00144	3.34E-06	1.4E-07	4E-05	1.6E-09	4.3E-05	4.10E-06	1.75229E-07	4.92E-05	9.01E-10	5.35E-05	3.61E-06	1.35E-07	9.37E-05	9.3E-10	9.75E-05
3143	485363.09	3846377.25	0.00174	0.00166	0.00177	0.00143	3.27E-06	1.5E-07	3.8E-05	1.6E-09	4.2E-05	4.01E-06	1.78454E-07	4.73E-05	8.94E-10	5.15E-05	3.53E-06	1.37E-07	9.01E-05	9.24E-10	9.38E-05
3144	485863.09	3846377.25	0.00157	0.00157	0.00159	0.00137	2.95E-06	1.4E-07	3.5E-05	1.5E-09	3.8E-05	3.62E-06	1.68779E-07	4.25E-05	8.57E-10	4.63E-05	3.19E-06	1.3E-07	8.1E-05	8.85E-10	8.43E-05
3145	486363.09	3846377.25	0.00133	0.00127	0.00133	0.00123	2.50E-06	1.1E-07	2.9E-05	1.4E-09	3.1E-05	3.06E-06	1.36528E-07	3.56E-05	7.69E-10	3.88E-05	2.7E-06	1.05E-07	6.77E-05	7.95E-10	7.05E-05
3146	486863.09	3846377.25	0.00127	0.00127	0.00126	0.00113	2.39E-06	1.1E-07	2.7E-05	1.3E-09	3E-05	2.92E-06	1.36528E-07	3.37E-05	7.07E-10	3.68E-05	2.58E-06	1.05E-07	6.42E-05	7.3E-10	6.69E-05
3147	487363.09	3846377.25	0.00128	0.00131	0.00128	0.00112	2.41E-06	1.1E-07	2.8E-05	1.3E-09	3E-05	2.95E-06	1.40828E-07	3.42E-05	7E-10	3.73E-05	2.6E-06	1.08E-07	6.52E-05	7.23E-10	6.79E-05
3148	487863.09	3846377.25	0.00137	0.00136	0.00139	0.00119	2.57E-06	1.2E-07	3E-05	1.3E-09	3.3E-05	3.15E-06	1.46203E-07	3.72E-05	7.44E-10	4.05E-05	2.78E-06	1.12E-07	7.08E-05	7.69E-10	7.37E-05
3149	488363.09	3846377.25	0.00133	0.00128	0.00134	0.00117	2.50E-06	1.1E-07	2.9E-05	1.3E-09	3.2E-05	3.06E-06	1.37603E-07	3.58E-05	7.32E-10	3.90E-05	2.7E-06	1.06E-07	6.82E-05	7.56E-10	7.11E-05
3150	488863.09	3846377.25	0.00133	0.00134	0.0013	0.00115	2.50E-06	1.2E-07	2.8E-05	1.3E-09	3.1E-05	3.06E-06	1.44053E-07	3.48E-05	7.19E-10	3.80E-05	2.7E-06	1.11E-07	6.62E-05	7.43E-10	6.9E-05
3151	489363.09	3846377.25	0.00131	0.00123	0.0013	0.00114	2.46E-06	1.1E-07	2.8E-05	1.3E-09	3.1E-05	3.02E-06	1.32228E-07	3.48E-05	7.13E-10	3.79E-05	2.66E-06	1.02E-07	6.62E-05	7.36E-10	6.9E-05
3152	489863.09	3846377.25	0.00126	0.00124	0.00123	0.0011	2.37E-06	1.1E-07	2.7E-05	1.2E-09	2.9E-05	2.90E-06	1.33303E-07	3.29E-05	6.88E-10	3.59E-05	2.56E-06	1.03E-07	6.26E-05	7.11E-10	6.53E-05
3153	490363.09	3846377.25	0.00113	0.00121	0.00108	0.00104	2.12E-06	1.1E-07	2.3E-05	1.2E-09	2.6E-05	2.60E-06	1.30078E-07	2.89E-05	6.5E-10	3.16E-05	2.29E-06	1E-07	5.5E-05	6.72E-10	5.74E-05
3154	490863.09	3846377.25	0.0011	0.00128	0.00104	0.00102	2.07E-06	1.1E-07	2.3E-05	1.1E-09	2.5E-05	2.53E-06	1.37603E-07	2.78E-05	6.38E-10	3.05E-05	2.23E-06	1.06E-07	5.3E-05	6.59E-10	5.53E-05
3155	491363.09	3846377.25	0.00113	0.00132	0.00106	0.00104	2.12E-06	1.2E-07	2.3E-05	1.2E-09	2.5E-05	2.60E-06	1.41903E-07	2.84E-05	6.5E-10	3.11E-05	2.29E-06	1.09E-07	5.4E-05	6.72E-10	5.64E-05
3156	491863.09	3846377.25	0.00127	0.0014	0.00122	0.00114	2.39E-06	1.2E-07	2.6E-05	1.3E-09	2.9E-05	2.92E-06	1.50503E-07	3.26E-05	7.13E-10	3.57E-05	2.58E-06	1.16E-07	6.21E-05	7.36E-10	6.48E-05
3157	492363.09	3846377.25	0.00129	0.00133	0.00123	0.00118	2.42E-06	1.2E-07	2.7E-05	1.3E-09	2.9E-05	2.97E-06	1.42978E-07	3.29E-05	7.38E-10	3.60E-05	2.62E-06	1.1E-07	6.26E-05	7.62E-10	6.54E-05
3158	492863.09	3846377.25	0.00135	0.00142	0.00129	0.00122	2.54E-06	1.2E-07	2.8E-05	1.4E-09	3.1E-05	3.11E-06	1.52653E-07	3.45E-05	7.63E-10	3.78E-05	2.74E-06	1.17E-07	6.57E-05	7.88E-10	6.86E-05
3159	493363.09	3846377.25	0.00151	0.00156	0.00145	0.0013	2.84E-06	1.4E-07	3.1E-05	1.5E-09	3.4E-05	3.48E-06	1.67703E-07	3.88E-05	8.13E-10	4.24E-05	3.07E-06	1.29E-07	7.38E-05	8.4E-10	7.7E-05
3160	493863.09	3846377.25	0.00164	0.00164	0.00157	0.00138	3.08E-06	1.4E-07	3.4E-05	1.5E-09	3.7E-05	3.78E-06	1.76304E-07	4.2E-05	8.63E-10	4.59E-05	3.33E-06	1.36E-07	8E-05	8.91E-10	8.34E-05
3161	494363.09	3846377.25	0.00176	0.00177	0.00169	0.00145	3.31E-06	1.6E-07	3.7E-05	1.6E-09	4E-05	4.05E-06	1.90279E-07	4.52E-05	9.07E-10	4.94E-05	3.57E-06	1.46E-07	8.61E-05	9.37E-10	8.98E-05
3162	494863.09	3846377.25	0.00188	0.00187	0.00182	0.00152	3.53E-06	1.6E-07	4E-05	1.7E-09	4.3E-05	4.33E-06	2.01029E-07	4.87E-05	9.51E-10	5.32E-05	3.82E-06	1.55E-07	9.27E-05	9.82E-10	9.67E-05
3163	495363.09	3846377.25	0.00201	0.00202	0.00192	0.00161	3.78E-06	1.8E-07	4.2E-05	1.8E-09	4.6E-05	4.63E-06	2.17155E-07	5.14E-05	1.01E-09	5.62E-05	4.08E-06	1.67E-07	9.78E-05	1.04E-09	0.000102
3164	495863.09	3846377.25	0.00217	0.00232	0.00203	0.00171	4.08E-06	2E-07	4.4E-05	1.9E-09	4.8E-05	5.00E-06	2.49405E-07	5.43E-05	1.07E-09	5.95E-05	4.41E-06	1.92E-07	0.000103	1.1E-09	0.000108
3165	496363.09	3846377.25	0.00233	0.00254	0.00217	0.00182	4.38E-06	2.2E-07	4.7E-05	2E-09	5.2E-05	5.37E-06	2.73056E-07	5.8E-05	1.14E-09	6.37E-05	4.73E-06	2.1E-07	0.000111	1.18E-09	0.000115
3166	496863.09	3846377.25	0.0025	0.00268	0.00231	0.00191	4.70E-06	2.4E-07	5E-05	2.1E-09	5.5E-05	5.76E-06	2.88106E-07	6.18E-05	1.19E-09	6.78E-05	5.08E-06	2.22E-07	0.000118	1.23E-09	0.000123
3167	497363.09	3846377.25	0.00266	0.00283	0.00247	0.002	5.00E-06	2.5E-07	5.4E-05	2.2E-09	5.9E-05	6.13E-06	3.04231E-07	6.61E-05	1.25E-09	7.25E-05	5.4E-06	2.34E-07	0.000126	1.29E-09	0.000131
3168	497863.09	3846377.25	0.00281	0.00301	0.00261	0.00209	5.28E-06	2.6E-07	5.7E-05	2.3E-09	6.2E-05	6.47E-06	3.23582E-07	6.98E-05	1.31E-09	7.66E-05	5.71E-06	2.49E-07	0.000133	1.35E-09	0.000139

3169	498363.09	3846377.25	0.00295	0.00317	0.00275	0.00218	5.54E-06	2.8E-07	6E-05	2.4E-09	6.6E-05	6.79E-06	3.40782E-07	7.36E-05	1.36E-09	8.07E-05	5.99E-06	2.62E-07	0.00014	1.41E-09	0.000146
3170	471363.09	3846877.25	0.00594	0.0057	0.00592	0.00469	1.12E-05	5E-07	0.00013	5.2E-09	0.00014	1.37E-05	6.12763E-07	0.000158	2.93E-09	1.73E-04	1.21E-05	4.71E-07	0.000302	3.03E-09	0.000314
3171	471863.09	3846877.25	0.00599	0.00568	0.00593	0.00458	1.13E-05	5E-07	0.00013	5.1E-09	0.00014	1.38E-05	6.10613E-07	0.000159	2.86E-09	1.73E-04	1.22E-05	4.7E-07	0.000302	2.96E-09	0.000315
3172	472363.09	3846877.25	0.00579	0.0055	0.00575	0.00432	1.09E-05	4.8E-07	0.00012	4.8E-09	0.00014	1.33E-05	5.91262E-07	0.000154	2.7E-09	1.68E-04	1.18E-05	4.55E-07	0.000293	2.79E-09	0.000305
3173	472863.09	3846877.25	0.00403	0.004	0.00417	0.00294	7.57E-06	3.5E-07	9.1E-05	3.3E-09	9.8E-05	9.28E-06	4.30009E-07	0.000112	1.84E-09	1.21E-04	8.18E-06	3.31E-07	0.000212	1.9E-09	0.000221
3174	473363.09	3846877.25	0.0044	0.00429	0.00449	0.00312	8.27E-06	3.8E-07	9.8E-05	3.5E-09	0.00011	1.01E-05	4.61185E-07	0.00012	1.95E-09	1.31E-04	8.93E-06	3.55E-07	0.000229	2.02E-09	0.000238
3175	473863.09	3846877.25	0.00469	0.00455	0.00483	0.00332	8.81E-06	4E-07	0.0001	3.7E-09	0.00011	1.08E-05	4.89135E-07	0.000129	2.08E-09	1.40E-04	9.52E-06	3.76E-07	0.000246	2.14E-09	0.000256
3176	474363.09	3846877.25	0.00445	0.00425	0.00452	0.00308	8.36E-06	3.7E-07	9.8E-05	3.4E-09	0.00011	1.02E-05	4.56885E-07	0.000121	1.93E-09	1.32E-04	9.04E-06	3.51E-07	0.00023	1.99E-09	0.00024
3177	474863.09	3846877.25	0.00446	0.00426	0.00447	0.00302	8.38E-06	3.7E-07	9.7E-05	3.4E-09	0.00011	1.03E-05	4.5796E-07	0.00012	1.89E-09	1.30E-04	9.06E-06	3.52E-07	0.000228	1.95E-09	0.000237
3178	475363.09	3846877.25	0.00486	0.00471	0.00484	0.0032	9.13E-06	4.1E-07	0.00011	3.6E-09	0.00011	1.12E-05	5.06336E-07	0.000129	2E-09	1.41E-04	9.87E-06	3.9E-07	0.000247	2.07E-09	0.000257
3179	475863.09	3846877.25	0.00634	0.00629	0.00612	0.00373	1.19E-05	5.5E-07	0.00013	4.2E-09	0.00015	1.46E-05	6.76189E-07	0.000164	2.33E-09	1.79E-04	1.29E-05	5.2E-07	0.000312	2.41E-09	0.000325
3180	476363.09	3846877.25	0.00774	0.00775	0.00798	0.00496	1.45E-05	6.8E-07	0.00017	5.5E-09	0.00019	1.78E-05	8.33142E-07	0.000213	3.1E-09	2.32E-04	1.57E-05	6.41E-07	0.000406	3.2E-09	0.000423
3181	476863.09	3846877.25	0.00778	0.00784	0.00799	0.00509	1.46E-05	6.9E-07	0.00017	5.7E-09	0.00019	1.79E-05	8.42818E-07	0.000214	3.18E-09	2.32E-04	1.58E-05	6.48E-07	0.000407	3.29E-09	0.000423
3182	477363.09	3846877.25	0.00725	0.00716	0.0077	0.00474	1.36E-05	6.3E-07	0.00017	5.3E-09	0.00018	1.67E-05	7.69716E-07	0.000206	2.96E-09	2.23E-04	1.47E-05	5.92E-07	0.000392	3.06E-09	0.000407
3183	477863.09	3846877.25	0.00632	0.00588	0.00662	0.00422	1.19E-05	5.2E-07	0.00014	4.7E-09	0.00016	1.46E-05	6.32113E-07	0.000177	2.64E-09	1.92E-04	1.28E-05	4.86E-07	0.000337	2.73E-09	0.00035
3184	478363.09	3846877.25	0.00534	0.00563	0.00532	0.0033	1.00E-05	4.9E-07	0.00012	3.7E-09	0.00013	1.23E-05	6.05238E-07	0.000142	2.06E-09	1.55E-04	1.08E-05	4.66E-07	0.000271	2.13E-09	0.000282
3185	478863.09	3846877.25	0.00517	0.00458	0.00546	0.0031	9.72E-06	4E-07	0.00012	3.5E-09	0.00013	1.19E-05	4.9236E-07	0.000146	1.94E-09	1.58E-04	1.05E-05	3.79E-07	0.000278	2E-09	0.000289
3186	479363.09	3846877.25	0.00495	0.00468	0.00507	0.00294	9.30E-06	4.1E-07	0.00011	3.3E-09	0.00012	1.14E-05	5.0311E-07	0.000136	1.84E-09	1.48E-04	1.01E-05	3.87E-07	0.000258	1.9E-09	0.000269
3187	479863.09	3846877.25	0.00385	0.00393	0.00392	0.0024	7.23E-06	3.4E-07	8.5E-05	2.7E-09	9.3E-05	8.87E-06	4.22484E-07	0.000105	1.5E-09	1.14E-04	7.82E-06	3.25E-07	0.0002	1.55E-09	0.000208
3188	480363.09	3846877.25	0.00325	0.00304	0.00342	0.00208	6.11E-06	2.7E-07	7.4E-05	2.3E-09	8.1E-05	7.48E-06	3.26807E-07	9.15E-05	1.3E-09	9.93E-05	6.6E-06	2.51E-07	0.000174	1.34E-09	0.000181
3189	480863.09	3846877.25	0.00295	0.00263	0.00308	0.00203	5.54E-06	2.3E-07	6.7E-05	2.3E-09	7.3E-05	6.79E-06	2.82731E-07	8.24E-05	1.27E-09	8.95E-05	5.99E-06	2.17E-07	0.000157	1.31E-09	0.000163
3190	481363.09	3846877.25	0.00299	0.00279	0.00308	0.00203	5.62E-06	2.4E-07	6.7E-05	2.3E-09	7.3E-05	6.89E-06	2.99931E-07	8.24E-05	1.27E-09	8.96E-05	6.07E-06	2.31E-07	0.000157	1.31E-09	0.000163
3191	481863.09	3846877.25	0.00285	0.00294	0.00285	0.00195	5.36E-06	2.6E-07	6.2E-05	2.2E-09	6.8E-05	6.56E-06	3.16057E-07	7.62E-05	1.22E-09	8.31E-05	5.79E-06	2.43E-07	0.000145	1.26E-09	0.000151
3192	482363.09	3846877.25	0.00236	0.00218	0.00243	0.00177	4.43E-06	1.9E-07	5.3E-05	2E-09	5.7E-05	5.43E-06	2.34355E-07	6.5E-05	1.11E-09	7.07E-05	4.79E-06	1.8E-07	0.000124	1.14E-09	0.000129
3193	482863.09	3846877.25	0.0023	0.00214	0.00234	0.00169	4.32E-06	1.9E-07	5.1E-05	1.9E-09	5.5E-05	5.30E-06	2.30055E-07	6.26E-05	1.06E-09	6.81E-05	4.67E-06	1.77E-07	0.000119	1.09E-09	0.000124
3194	483363.09	3846877.25	0.00226	0.00217	0.00234	0.00166	4.25E-06	1.9E-07	5.1E-05	1.9E-09	5.5E-05	5.20E-06	2.3328E-07	6.26E-05	1.04E-09	6.80E-05	4.59E-06	1.79E-07	0.000119	1.07E-09	0.000124
3195	483863.09	3846877.25	0.00215	0.00198	0.00222	0.00168	4.04E-06	1.7E-07	4.8E-05	1.9E-09	5.2E-05	4.95E-06	2.12854E-07	5.94E-05	1.05E-09	6.45E-05	4.37E-06	1.64E-07	0.000113	1.09E-09	0.000118
3196	484363.09	3846877.25	0.00207	0.00198	0.00213	0.00165	3.89E-06	1.7E-07	4.6E-05	1.8E-09	5E-05	4.77E-06	2.12854E-07	5.7E-05	1.03E-09	6.19E-05	4.2E-06	1.64E-07	0.000108	1.07E-09	0.000113
3197	484863.09	3846877.25	0.00199	0.0018	0.00205	0.00157	3.74E-06	1.6E-07	4.5E-05	1.8E-09	4.8E-05	4.58E-06	1.93504E-07	5.48E-05	9.82E-10	5.96E-05	4.04E-06	1.49E-07	0.000104	1.01E-09	0.000109
3198	485363.09	3846877.25	0.00195	0.00182	0.002	0.00156	3.66E-06	1.6E-07	4.3E-05	1.7E-09	4.7E-05	4.49E-06	1.95654E-07	5.35E-05	9.76E-10	5.82E-05	3.96E-06	1.51E-07	0.000102	1.01E-09	0.000106
3199	485863.09	3846877.25	0.00178	0.00176	0.0018	0.0015	3.34E-06	1.5E-07	3.9E-05	1.7E-09	4.3E-05	4.10E-06	1.89204E-07	4.81E-05	9.38E-10	5.24E-05	3.61E-06	1.46E-07	9.17E-05	9.69E-10	9.54E-05
3200	486363.09	3846877.25	0.0018	0.00167	0.00181	0.0015	3.38E-06	1.5E-07	3.9E-05	1.7E-09	4.3E-05	4.15E-06	1.79529E-07	4.84E-05	9.38E-10	5.27E-05	3.65E-06	1.38E-07	9.22E-05	9.69E-10	9.6E-05
3201	486863.09	3846877.25	0.00157	0.00155	0.00158	0.0013	2.95E-06	1.4E-07	3.4E-05	1.5E-09	3.7E-05	3.62E-06	1.66628E-07	4.23E-05	8.13E-10	4.60E-05	3.19E-06	1.28E-07	8.05E-05	8.4E-10	8.38E-05
3202	487363.09	3846877.25	0.00158	0.00161	0.00159	0.0013	2.97E-06	1.4E-07	3.5E-05	1.5E-09	3.8E-05	3.64E-06	1.73079E-07	4.25E-05	8.13E-10	4.63E-05	3.21E-06	1.33E-07	8.1E-05	8.4E-10	8.43E-05
3203	487863.09	3846877.25	0.00153	0.00148	0.00155	0.0013	2.88E-06	1.3E-07	3.4E-05	1.5E-09	3.7E-05	3.52E-06	1.59103E-07	4.15E-05	8.13E-10	4.51E-05	3.11E-06	1.22E-07	7.89E-05	8.4E-10	8.22E-05
3204	488363.09	3846877.25	0.00148	0.00144	0.00146	0.00127	2.78E-06	1.3E-07	3.2E-05	1.4E-09	3.5E-05	3.41E-06	1.54803E-07	3.9E-05	7.94E-10	4.26E-05	3E-06	1.19E-07	7.44E-05	8.2E-10	7.75E-05
3205	488863.09	3846877.25	0.00148	0.00145	0.00144	0.00125	2.78E-06	1.3E-07	3.1E-05	1.4E-09	3.4E-05	3.41E-06	1.55878E-07	3.85E-05	7.82E-10	4.21E-05	3E-06	1.2E-07	7.33E-05	8.07E-10	7.65E-05
3206	489363.09	3846877.25	0.00147	0.00136	0.00144	0.00124	2.76E-06	1.2E-07	3.1E-05	1.4E-09	3.4E-05	3.39E-06	1.46203E-07	3.85E-05	7.76E-10	4.20E-05	2.98E-06	1.12E-07	7.33E-05	8.01E-10	7.64E-05
3207	489863.09	3846877.25	0.00143	0.00144	0.00138	0.00121	2.69E-06	1.3E-07	3E-05	1.4E-09	3.3E-05	3.29E-06	1.54803E-07	3.69E-05	7.57E-10	4.04E-05	2.9E-06	1.19E-07	7.03E-05	7.82E-10	7.33E-05
3208	490363.09	3846877.25	0.00131	0.00145	0.00123	0.00114	2.46E-06	1.3E-07	2.7E-05	1.3E-09	2.9E-05	3.02E-06	1.55878E-07	3.29E-05	7.13E-10	3.61E-05	2.66E-06	1.2E-07	6.26E-05	7.36E-10	6.54E-05
3209	490863.09	3846877.25	0.00131	0.00153	0.00123	0.00115	2.46E-06	1.3E-07	2.7E-05	1.3E-09	2.9E-05	3.02E-06	1.64478E-07	3.29E-05	7.19E-10	3.61E-05	2.66E-06	1.27E-07	6.26E-05	7.43E-10	6.54E-05
3210	491363.09	3846877.25	0.00135	0.00151	0.00128	0.0012	2.54E-06	1.3E-07	2.8E-05	1.3E-09	3E-05	3.11E-06	1.62328E-07	3.42E-05	7.51E-10	3.75E-05	2.74E-06	1.25E-07	6.52E-05	7.75E-10	6.81E-05
3211	491863.09	3846877.25	0.00135	0.00141	0.00128	0.00122	2.54E-06	1.2E-07	2.8E-05	1.4E-09	3E-05	3.11E-06	1.51578E-07	3.42E-05	7.63E-10	3.75E-05	2.74E-06	1.17E-07	6.52E-05	7.88E-10	6.8E-05
3212	492363.09	3846877.25	0.00154	0.0016	0.00146	0.00133	2.89E-06	1.4E-07	3.2E-05	1.5E-09	3.5E-05	3.55E-06	1.72004E-07	3.9E-05	8.32E-10	4.28E-05	3.13E-06	1.32E-07	7.44E-05	8.59E-10	7.76E-05
3213	492863.09	3846877.25	0.00163	0.00169	0.00154	0.00137	3.06E-06	1.5E-07	3.3E-05	1.5E-09	3.7E-05	3.75E-06	1.81679E-07	4.12E-05	8.57E-10	4.51E-05	3.31E-06	1.4E-07	7.84E-05	8.85E-10	8.19E-05
3214	493363.09	3846877.25	0.00177	0.00178	0.00168	0.00145	3.33E-06	1.6E-07	3.6E-05	1.6E-09	4E-05	4.08E-06	1.91354E-07	4.49E-05	9.07E-10	4.92E-05	3.59E-06	1.47E-07	8.56E-05	9.37E-10	8.93E-05
3215	493863.09	3846877.25	0.00189	0.00189	0.0018	0.00153	3.55E-06	1.7E-07	3.9E-05	1.7E-09	4.3E-05	4.35E-06	2.03179E-07	4.81E-05	9.57E-10	5.27E-05	3.84E-06	1.56E-07	9.17E-05	9.88E-10	9.57E-05
3216	494363.09	3846877.25	0.00199	0.00197	0.0019	0.00159	3.74E-06	1.7E-07	4.1E-05	1.8E-09	4.5E-05	4.58E-06	2.11779E-07	5.08E-05	9.94E-10	5.56E-05	4.04E-06	1.63E-07	9.68E-05	1.03E-09	0.000101
3217	494863.09	3846877.25	0.00213	0.00213	0.00201	0.00168	4.00E-06	1.9E-07	4.4E-05	1.9E-09	4.8E-05	4.90E-06	2.2898E-07	5.38E-05	1.05E-09	5.89E-05	4.32E-06	1.76E-07	0.000102	1.09E-09	0.000107
3218	495363.09	3846877.25	0.00226	0.00242	0.00211	0.00176	4.25E-06	2.1E-07	4.6E-05	2E-09	5E-05	5.20E-06	2.60155E-07	5.64E-05	1.1E-09	6.19E-05	4.59E-06	2E-07	0.000107	1.14E-09	0.000112
3219	495863.09	3846877.25	0.00241	0.00265	0.00222	0.00185	4.53E-06	2.3E-07	4.8E-05	2.1E-09	5.3E-05	5.55E-06	2.84881E-07	5.94E-05	1.16E-09	6.52E-05	4.89E-06	2.19E-07	0.000113	1.2E-09	0.000118
3220	496363.09	3846877.25	0.00258	0.00279	0.00237	0.00196	4.85E-06	2.4E-07	5.1E-05	2.2E-09	5.7E-05	5.94E-06	2.99931E-07	6.34E-05	1.23E-09	6.96E-05	5.24E-06	2.31E-07	0.000121	1.27E-09	0.000126
3221	496863.09	3846877.25	0.00279	0.003	0.00258	0.0021	5.24E-06	2.6E-07	5.6E-05	2.3E-09	6.2E-05	6.42E-06	3.22507E-07	6.9E-05	1.31E-09	7.58E-05	5.66E-06	2.48E-07	0.000131	1.36E-09	0.000137
3222	497363.09	3846877.25	0.00307	0.0033	0.00284	0.00224	5.77E-06	2.9E-07	6.2E-05	2.5E-09	6.8E-05	7.07E-06	3.54757E-07	7.6E-05	1.4E-09	8.34E-05	6.23E-06	2.73E-07	0.000145	1.45E-09	0.000151
3223	497863.09	3846877.25	0.00333	0.00358	0.0031	0.0024	6.26E-06	3.1E-07	6.7E-05	2.7E-09	7.4E-05	7.67E-06	3.84858E-07	8.29E-05	1.5E-09	9.10E-05	6.76E-06	2.96E-07	0.000158	1.55E-09	0.000165
3224	498363.09	3846877.25	0.00346	0.0037	0.00325	0.00252	6.50E-06	3.2E-07	7.1E-05	2.8E-09	7.7E-05	7.97E-06	3.97758E-07	8.69E-05	1.58E-09	9.53E-05	7.03E-06	3.06E-07	0.000166	1.63E-09	0.000173
3225	471363.09	3847377.25	0.00636	0.00619	0.00627	0.005	1.20E-05	5.4E-07	0.00014	5.6E-09	0.00015	1.46E-05	6.65439E-07	0.000168	3.13E-09	1.83E-04	1.29E-05	5.12E-07	0.000319	3.23E-09	0.000333
3226	471863.09	3847377.25	0.00648	0.00624	0.00644	0.00515	1.22E-05	5.5E-07	0.00014	5.8E-09	0.00015	1.49E-05	6.70814E-07	0.000172	3.22E-09	1.88E-04	1.32E-05	5.16E-07	0.000328	3.33E-09	0.000342
3227	472363.09	3847377.25	0.00657	0.00624	0.0065	0.00509	1.23E-05	5.5E-07	0.00014	5.7E-09	0.00015	1.51E-05	6.70814E-07	0.000174	3.18E-09	1.90E-04	1.33E-05	5.16E-07	0.000331	3.29E-09	0.000345
3228	472863.09	3847377.25	0.00639	0.00608	0.00631	0.00473	1.20E-05	5.3E-07	0.00014	5.3E-09	0.00015	1.47E-05	6.53614E-07	0.000169	2.96E-09	1.84E-04	1.3E-05	5.03E-07	0.000321	3.06E-09	0.000335
3229	473363.09	3847377.25	0.00536	0.00523	0.00548	0.0038	1.01E-05	4.6E-07	0.00012	4.2E-09	0.00013	1.23E-05	5.62237E-07	0.000147	2.38E-09	1.59E-04	1.09E-05	4.33E-07	0.000279	2.45E-09	0.00029

3230	473863.09	3847377.25	0.0053	0.00515	0.00541	0.00373	9.96E-06	4.5E-07	0.00012	4.2E-09	0.00013	1.22E-05	5.53637E-07	0.000145	2.33E-09	1.57E-04	1.08E-05	4.26E-07	0.000276	2.41E-09	0.000287
3231	474363.09	3847377.25	0.00551	0.00531	0.00563	0.00388	1.04E-05	4.7E-07	0.00012	4.3E-09	0.00013	1.27E-05	5.70837E-07	0.000151	2.43E-09	1.64E-04	1.12E-05	4.39E-07	0.000287	2.51E-09	0.000298
3232	474863.09	3847377.25	0.0051	0.00487	0.0052	0.00352	9.58E-06	4.3E-07	0.00011	3.9E-09	0.00012	1.17E-05	5.23536E-07	0.000139	2.2E-09	1.51E-04	1.04E-05	4.03E-07	0.000265	2.27E-09	0.000276
3233	475363.09	3847377.25	0.00481	0.00458	0.0048	0.0032	9.04E-06	4E-07	0.0001	3.6E-09	0.00011	1.11E-05	4.9236E-07	0.000128	2E-09	1.40E-04	9.77E-06	3.79E-07	0.000244	2.07E-09	0.000255
3234	475863.09	3847377.25	0.00568	0.00546	0.00559	0.00371	1.07E-05	4.8E-07	0.00012	4.1E-09	0.00013	1.31E-05	5.86962E-07	0.00015	2.32E-09	1.63E-04	1.15E-05	4.52E-07	0.000285	2.4E-09	0.000297
3235	476363.09	3847377.25	0.00751	0.0074	0.00719	0.0045	1.41E-05	6.5E-07	0.00016	5E-09	0.00017	1.73E-05	7.95517E-07	0.000192	2.81E-09	2.10E-04	1.52E-05	6.12E-07	0.000366	2.91E-09	0.000382
3236	476863.09	3847377.25	0.00862	0.00863	0.00884	0.00548	1.62E-05	7.6E-07	0.00019	6.1E-09	0.00021	1.99E-05	9.27744E-07	0.000236	3.43E-09	2.57E-04	1.75E-05	7.14E-07	0.00045	3.54E-09	0.000468
3237	477363.09	3847377.25	0.00884	0.00892	0.00906	0.00579	1.66E-05	7.8E-07	0.0002	6.5E-09	0.00021	2.04E-05	9.5892E-07	0.000242	3.62E-09	2.64E-04	1.79E-05	7.38E-07	0.000461	3.74E-09	0.00048
3238	477863.09	3847377.25	0.00802	0.00781	0.00855	0.00524	1.51E-05	6.9E-07	0.00019	5.9E-09	0.0002	1.85E-05	8.39592E-07	0.000229	3.28E-09	2.48E-04	1.63E-05	6.46E-07	0.000435	3.38E-09	0.000452
3239	478363.09	3847377.25	0.0071	0.00671	0.00731	0.00469	1.33E-05	5.9E-07	0.00016	5.2E-09	0.00017	1.63E-05	7.2134E-07	0.000196	2.93E-09	2.13E-04	1.44E-05	5.55E-07	0.000372	3.03E-09	0.000387
3240	478863.09	3847377.25	0.00627	0.00652	0.00629	0.00378	1.18E-05	5.7E-07	0.00014	4.2E-09	0.00015	1.44E-05	7.00915E-07	0.000168	2.36E-09	1.83E-04	1.27E-05	5.39E-07	0.00032	2.44E-09	0.000334
3241	479363.09	3847377.25	0.00507	0.0044	0.00537	0.00305	9.53E-06	3.9E-07	0.00012	3.4E-09	0.00013	1.17E-05	4.7301E-07	0.000144	1.91E-09	1.56E-04	1.03E-05	3.64E-07	0.000273	1.97E-09	0.000284
3242	479863.09	3847377.25	0.00375	0.00373	0.00389	0.00242	7.05E-06	3.3E-07	8.4E-05	2.7E-09	9.2E-05	8.64E-06	4.00983E-07	0.000104	1.51E-09	1.13E-04	7.61E-06	3.08E-07	0.000198	1.56E-09	0.000206
3243	480363.09	3847377.25	0.00256	0.00261	0.00258	0.0019	4.81E-06	2.3E-07	5.6E-05	2.1E-09	6.1E-05	5.90E-06	2.80581E-07	6.9E-05	1.19E-09	7.52E-05	5.2E-06	2.16E-07	0.000131	1.23E-09	0.000137
3244	480863.09	3847377.25	0.00228	0.00214	0.00235	0.00177	4.28E-06	1.9E-07	5.1E-05	2E-09	5.6E-05	5.25E-06	2.30055E-07	6.29E-05	1.11E-09	6.83E-05	4.63E-06	1.77E-07	0.00012	1.14E-09	0.000124
3245	481363.09	3847377.25	0.0025	0.00233	0.00258	0.00187	4.70E-06	2E-07	5.6E-05	2.1E-09	6.1E-05	5.76E-06	2.5048E-07	6.9E-05	1.17E-09	7.50E-05	5.08E-06	1.93E-07	0.000131	1.21E-09	0.000137
3246	481863.09	3847377.25	0.00316	0.00315	0.0032	0.00212	5.94E-06	2.8E-07	6.9E-05	2.4E-09	7.6E-05	7.28E-06	3.38632E-07	8.56E-05	1.33E-09	9.32E-05	6.42E-06	2.61E-07	0.000163	1.37E-09	0.00017
3247	482363.09	3847377.25	0.00294	0.00289	0.00298	0.00206	5.52E-06	2.5E-07	6.5E-05	2.3E-09	7E-05	6.77E-06	3.10681E-07	7.97E-05	1.29E-09	8.68E-05	5.97E-06	2.39E-07	0.000152	1.33E-09	0.000158
3248	482863.09	3847377.25	0.00269	0.00244	0.00274	0.00192	5.06E-06	2.1E-07	6E-05	2.1E-09	6.5E-05	6.19E-06	2.62305E-07	7.33E-05	1.2E-09	7.97E-05	5.46E-06	2.02E-07	0.00014	1.24E-09	0.000145
3249	483363.09	3847377.25	0.00255	0.00247	0.00263	0.00183	4.79E-06	2.2E-07	5.7E-05	2E-09	6.2E-05	5.87E-06	2.65531E-07	7.03E-05	1.14E-09	7.65E-05	5.18E-06	2.04E-07	0.000134	1.18E-09	0.000139
3250	483863.09	3847377.25	0.00246	0.00219	0.00257	0.00186	4.62E-06	1.9E-07	5.6E-05	2.1E-09	6.1E-05	5.66E-06	2.3543E-07	6.87E-05	1.16E-09	7.46E-05	4.99E-06	1.81E-07	0.000131	1.2E-09	0.000136
3251	484363.09	3847377.25	0.0025	0.00241	0.00255	0.00188	4.70E-06	2.1E-07	5.5E-05	2.1E-09	6E-05	5.76E-06	2.5908E-07	6.82E-05	1.18E-09	7.42E-05	5.08E-06	1.99E-07	0.00013	1.21E-09	0.000135
3252	484863.09	3847377.25	0.00235	0.00212	0.00244	0.00177	4.42E-06	1.9E-07	5.3E-05	2E-09	5.8E-05	5.41E-06	2.27905E-07	6.53E-05	1.11E-09	7.09E-05	4.77E-06	1.75E-07	0.000124	1.14E-09	0.000129
3253	485363.09	3847377.25	0.00226	0.00206	0.00232	0.00173	4.25E-06	1.8E-07	5E-05	1.9E-09	5.5E-05	5.20E-06	2.21455E-07	6.2E-05	1.08E-09	6.75E-05	4.59E-06	1.7E-07	0.000118	1.12E-09	0.000123
3254	485863.09	3847377.25	0.00217	0.00212	0.0022	0.00172	4.08E-06	1.9E-07	4.8E-05	1.9E-09	5.2E-05	5.00E-06	2.27905E-07	5.88E-05	1.08E-09	6.41E-05	4.41E-06	1.75E-07	0.000112	1.11E-09	0.000117
3255	486363.09	3847377.25	0.00213	0.002	0.00214	0.00167	4.00E-06	1.8E-07	4.6E-05	1.9E-09	5.1E-05	4.90E-06	2.15004E-07	5.72E-05	1.04E-09	6.24E-05	4.32E-06	1.65E-07	0.000109	1.08E-09	0.000113
3256	486863.09	3847377.25	0.00191	0.00186	0.00193	0.0015	3.59E-06	1.6E-07	4.2E-05	1.7E-09	4.6E-05	4.40E-06	1.99954E-07	5.16E-05	9.38E-10	5.62E-05	3.88E-06	1.54E-07	9.83E-05	9.69E-10	0.000102
3257	487363.09	3847377.25	0.00189	0.00187	0.00192	0.00149	3.55E-06	1.6E-07	4.2E-05	1.7E-09	4.5E-05	4.35E-06	2.01029E-07	5.14E-05	9.32E-10	5.59E-05	3.84E-06	1.55E-07	9.78E-05	9.62E-10	0.000102
3258	487863.09	3847377.25	0.00174	0.00163	0.00174	0.00144	3.27E-06	1.4E-07	3.8E-05	1.6E-09	4.1E-05	4.01E-06	1.75229E-07	4.65E-05	9.01E-10	5.07E-05	3.53E-06	1.35E-07	8.86E-05	9.3E-10	9.23E-05
3259	488363.09	3847377.25	0.0017	0.00166	0.00166	0.0014	3.19E-06	1.5E-07	3.6E-05	1.6E-09	3.9E-05	3.91E-06	1.78454E-07	4.44E-05	8.76E-10	4.85E-05	3.45E-06	1.37E-07	8.45E-05	9.04E-10	8.81E-05
3260	488863.09	3847377.25	0.00168	0.00157	0.00164	0.00137	3.16E-06	1.4E-07	3.6E-05	1.5E-09	3.9E-05	3.87E-06	1.68779E-07	4.39E-05	8.57E-10	4.79E-05	3.41E-06	1.3E-07	8.35E-05	8.85E-10	8.71E-05
3261	489363.09	3847377.25	0.00168	0.00157	0.00163	0.00137	3.16E-06	1.4E-07	3.5E-05	1.5E-09	3.9E-05	3.87E-06	1.68779E-07	4.36E-05	8.57E-10	4.76E-05	3.41E-06	1.3E-07	8.3E-05	8.85E-10	8.66E-05
3262	489863.09	3847377.25	0.00161	0.00167	0.00152	0.00131	3.03E-06	1.5E-07	3.3E-05	1.5E-09	3.6E-05	3.71E-06	1.79529E-07	4.07E-05	8.19E-10	4.45E-05	3.27E-06	1.38E-07	7.74E-05	8.46E-10	8.08E-05
3263	490363.09	3847377.25	0.00157	0.00181	0.00145	0.00129	2.95E-06	1.6E-07	3.1E-05	1.4E-09	3.5E-05	3.62E-06	1.94579E-07	3.88E-05	8.07E-10	4.26E-05	3.19E-06	1.5E-07	7.38E-05	8.33E-10	7.72E-05
3264	490863.09	3847377.25	0.0016	0.00181	0.0015	0.00133	3.01E-06	1.6E-07	3.3E-05	1.5E-09	3.6E-05	3.68E-06	1.94579E-07	4.01E-05	8.32E-10	4.40E-05	3.25E-06	1.5E-07	7.64E-05	8.59E-10	7.98E-05
3265	491363.09	3847377.25	0.00162	0.00171	0.00153	0.00137	3.04E-06	1.5E-07	3.3E-05	1.5E-09	3.6E-05	3.73E-06	1.83829E-07	4.09E-05	8.57E-10	4.48E-05	3.29E-06	1.41E-07	7.79E-05	8.85E-10	8.14E-05
3266	491863.09	3847377.25	0.00177	0.0018	0.00167	0.00146	3.33E-06	1.6E-07	3.6E-05	1.6E-09	4E-05	4.08E-06	1.93504E-07	4.47E-05	9.13E-10	4.89E-05	3.59E-06	1.49E-07	8.51E-05	9.43E-10	8.88E-05
3267	492363.09	3847377.25	0.00181	0.00188	0.00171	0.00147	3.40E-06	1.6E-07	3.7E-05	1.6E-09	4.1E-05	4.17E-06	2.02104E-07	4.57E-05	9.19E-10	5.01E-05	3.67E-06	1.55E-07	8.71E-05	9.5E-10	9.09E-05
3268	492863.09	3847377.25	0.00195	0.00197	0.00183	0.00156	3.66E-06	1.7E-07	4E-05	1.7E-09	4.4E-05	4.49E-06	2.11779E-07	4.89E-05	9.76E-10	5.36E-05	3.96E-06	1.63E-07	9.32E-05	1.01E-09	9.73E-05
3269	493363.09	3847377.25	0.00206	0.00204	0.00195	0.00163	3.87E-06	1.8E-07	4.2E-05	1.8E-09	4.6E-05	4.74E-06	2.19305E-07	5.22E-05	1.02E-09	5.71E-05	4.18E-06	1.69E-07	9.93E-05	1.05E-09	0.000104
3270	493863.09	3847377.25	0.00213	0.0021	0.002	0.00168	4.00E-06	1.8E-07	4.3E-05	1.9E-09	4.8E-05	4.90E-06	2.25755E-07	5.35E-05	1.05E-09	5.86E-05	4.32E-06	1.74E-07	0.000102	1.09E-09	0.000106
3271	494363.09	3847377.25	0.00221	0.00223	0.00206	0.00173	4.15E-06	2E-07	4.5E-05	1.9E-09	4.9E-05	5.09E-06	2.3973E-07	5.51E-05	1.08E-09	6.04E-05	4.49E-06	1.84E-07	0.000105	1.12E-09	0.00011
3272	494863.09	3847377.25	0.00233	0.00251	0.00215	0.00181	4.38E-06	2.2E-07	4.7E-05	2E-09	5.1E-05	5.37E-06	2.69831E-07	5.75E-05	1.13E-09	6.31E-05	4.73E-06	2.08E-07	0.00011	1.17E-09	0.000114
3273	495363.09	3847377.25	0.00247	0.00273	0.00225	0.00189	4.64E-06	2.4E-07	4.9E-05	2.1E-09	5.4E-05	5.69E-06	2.93481E-07	6.02E-05	1.18E-09	6.62E-05	5.02E-06	2.26E-07	0.000115	1.22E-09	0.00012
3274	495863.09	3847377.25	0.00264	0.00288	0.00242	0.002	4.96E-06	2.5E-07	5.3E-05	2.2E-09	5.8E-05	6.08E-06	3.09606E-07	6.47E-05	1.25E-09	7.11E-05	5.36E-06	2.38E-07	0.000123	1.29E-09	0.000129
3275	496363.09	3847377.25	0.00281	0.00303	0.00258	0.00211	5.28E-06	2.7E-07	5.6E-05	2.4E-09	6.2E-05	6.47E-06	3.25732E-07	6.9E-05	1.32E-09	7.58E-05	5.71E-06	2.51E-07	0.000131	1.36E-09	0.000137
3276	496863.09	3847377.25	0.00308	0.00332	0.00284	0.00227	5.79E-06	2.9E-07	6.2E-05	2.5E-09	6.8E-05	7.09E-06	3.56907E-07	7.6E-05	1.42E-09	8.34E-05	6.25E-06	2.75E-07	0.000145	1.47E-09	0.000151
3277	497363.09	3847377.25	0.00345	0.00372	0.00319	0.0025	6.48E-06	3.3E-07	6.9E-05	2.8E-09	7.6E-05	7.94E-06	3.99908E-07	8.53E-05	1.56E-09	9.37E-05	7E-06	3.08E-07	0.000162	1.61E-09	0.00017
3278	497863.09	3847377.25	0.00389	0.00414	0.00364	0.00277	7.31E-06	3.6E-07	7.9E-05	3.1E-09	8.7E-05	8.96E-06	4.45059E-07	9.74E-05	1.73E-09	1.07E-04	7.9E-06	3.42E-07	0.000185	1.79E-09	0.000194
3279	498363.09	3847377.25	0.0041	0.00432	0.00388	0.00295	7.70E-06	3.8E-07	8.4E-05	3.3E-09	9.2E-05	9.44E-06	4.6441E-07	0.000104	1.85E-09	1.14E-04	8.32E-06	3.57E-07	0.000198	1.91E-09	0.000206
3280	471363.09	3847877.25	0.00682	0.00667	0.0068	0.00545	1.28E-05	5.9E-07	0.00015	6.1E-09	0.00016	1.57E-05	7.1704E-07	0.000182	3.41E-09	1.98E-04	1.38E-05	5.52E-07	0.000346	3.52E-09	0.000361
3281	471863.09	3847877.25	0.007	0.00682	0.00688	0.0055	1.32E-05	6E-07	0.00015	6.1E-09	0.00016	1.61E-05	7.33165E-07	0.000184	3.44E-09	2.01E-04	1.42E-05	5.64E-07	0.00035	3.55E-09	0.000365
3282	472363.09	3847877.25	0.00713	0.00687	0.00702	0.00564	1.34E-05	6E-07	0.00015	6.3E-09	0.00017	1.64E-05	7.3854E-07	0.000188	3.53E-09	2.05E-04	1.45E-05	5.68E-07	0.000358	3.64E-09	0.000373
3283	472863.09	3847877.25	0.00722	0.00688	0.00714	0.00566	1.36E-05	6E-07	0.00016	6.3E-09	0.00017	1.66E-05	7.39615E-07	0.000191	3.54E-09	2.08E-04	1.47E-05	5.69E-07	0.000364	3.66E-09	0.000379
3284	473363.09	3847877.25	0.00732	0.00688	0.00721	0.00558	1.38E-05	6E-07	0.00016	6.2E-09	0.00017	1.69E-05	7.39615E-07	0.000193	3.49E-09	2.10E-04	1.49E-05	5.69E-07	0.000367	3.6E-09	0.000383
3285	473863.09	3847877.25	0.00703	0.00668	0.00698	0.0052	1.32E-05	5.9E-07	0.00015	5.8E-09	0.00017	1.62E-05	7.18115E-07	0.000187	3.25E-09	2.04E-04	1.43E-05	5.52E-07	0.000355	3.36E-09	0.00037
3286	474363.09	3847877.25	0.00613	0.00594	0.00624	0.0043	1.15E-05	5.2E-07	0.00014	4.8E-09	0.00015	1.41E-05	6.38563E-07	0.000167	2.69E-09	1.82E-04	1.24E-05	4.91E-07	0.000318	2.78E-09	0.000331
3287	474863.09	3847877.25	0.00635	0.00608	0.00643	0.00445	1.19E-05	5.3E-07	0.00014	5E-09	0.00015	1.46E-05	6.53614E-07	0.000172	2.78E-09	1.87E-04	1.29E-05	5.03E-07	0.000327	2.87E-09	0.000341
3288	475363.09	3847877.25	0.00582	0.00557	0.00595	0.00401	1.09E-05	4.9E-07	0.00013	4.5E-09	0.00014	1.34E-05	5.98787E-07	0.000159	2.51E-09	1.73E-04	1.18E-05	4.61E-07	0.000303	2.59E-09	0.000315
3289	475863.09	3847877.25	0.00537	0.0051	0.00535	0.00352	1.01E-05	4.5E-07	0.00012	3.9E-09	0.00013	1.24E-05	5.48261E-07	0.000143	2.2E-09	1.56E-04	1.09E-05	4.22E-07	0.000272	2.27E-09	0.000284
3290	476363.09	3847877.25	0.00672	0.00637	0.00651	0.00439	1.26E-05	5.6E-07	0.00014	4.9E-09	0.00015	1.55E-05	6.84789E-07	0.000174	2.75E-09	1.90E-04	1.36E-05	5.27E-07	0.000332	2.84E-09	0.000346

3291	476863.09	3847877.25	0.00835	0.00821	0.00794	0.00499	1.57E-05	7.2E-07	0.00017	5.6E-09	0.00019	1.92E-05	8.82593E-07	0.000212	3.12E-09	2.32E-04	1.7E-05	6.79E-07	0.000404	3.22E-09	0.000422
3292	477363.09	3847877.25	0.00987	0.00987	0.01003	0.00634	1.85E-05	8.7E-07	0.00022	7.1E-09	0.00024	2.27E-05	1.06105E-06	0.000268	3.97E-09	2.92E-04	2E-05	8.16E-07	0.000511	4.1E-09	0.000532
3293	477863.09	3847877.25	0.00998	0.01009	0.01025	0.00657	1.88E-05	8.9E-07	0.00022	7.3E-09	0.00024	2.30E-05	1.0847E-06	0.000274	4.11E-09	2.98E-04	2.03E-05	8.34E-07	0.000522	4.24E-09	0.000543
3294	478363.09	3847877.25	0.00907	0.00866	0.00965	0.00595	1.70E-05	7.6E-07	0.00021	6.6E-09	0.00023	2.09E-05	9.30969E-07	0.000258	3.72E-09	2.80E-04	1.84E-05	7.16E-07	0.000491	3.84E-09	0.000511
3295	478863.09	3847877.25	0.00783	0.00764	0.00798	0.00507	1.47E-05	6.7E-07	0.00017	5.7E-09	0.00019	1.80E-05	8.21317E-07	0.000213	3.17E-09	2.32E-04	1.59E-05	6.32E-07	0.000406	3.28E-09	0.000423
3296	479363.09	3847877.25	0.00522	0.00521	0.00542	0.00315	9.81E-06	4.6E-07	0.00012	3.5E-09	0.00013	1.20E-05	5.60087E-07	0.000145	1.97E-09	1.58E-04	1.06E-05	4.31E-07	0.000276	2.03E-09	0.000287
3297	479863.09	3847877.25	0.00304	0.00285	0.00314	0.00225	5.71E-06	2.5E-07	6.8E-05	2.5E-09	7.4E-05	7.00E-06	3.06381E-07	8.4E-05	1.41E-09	9.13E-05	6.17E-06	2.36E-07	0.00016	1.45E-09	0.000166
3298	480363.09	3847877.25	0.00313	0.0032	0.0032	0.00223	5.88E-06	2.8E-07	6.9E-05	2.5E-09	7.6E-05	7.21E-06	3.44007E-07	8.56E-05	1.39E-09	9.31E-05	6.36E-06	2.65E-07	0.000163	1.44E-09	0.00017
3299	480863.09	3847877.25	0.00272	0.00264	0.00281	0.00201	5.11E-06	2.3E-07	6.1E-05	2.2E-09	6.6E-05	6.26E-06	2.83806E-07	7.52E-05	1.26E-09	8.17E-05	5.52E-06	2.18E-07	0.000143	1.3E-09	0.000149
3300	481363.09	3847877.25	0.00275	0.00253	0.00285	0.00202	5.17E-06	2.2E-07	6.2E-05	2.3E-09	6.7E-05	6.33E-06	2.71981E-07	7.62E-05	1.26E-09	8.28E-05	5.58E-06	2.09E-07	0.000145	1.3E-09	0.000151
3301	481863.09	3847877.25	0.00377	0.0036	0.00391	0.00242	7.08E-06	3.2E-07	8.5E-05	2.7E-09	9.2E-05	8.68E-06	3.87008E-07	0.000105	1.51E-09	1.14E-04	7.65E-06	2.98E-07	0.000199	1.56E-09	0.000207
3302	482363.09	3847877.25	0.00351	0.00357	0.00356	0.00231	6.60E-06	3.1E-07	7.7E-05	2.6E-09	8.4E-05	8.08E-06	3.83783E-07	9.52E-05	1.44E-09	1.04E-04	7.13E-06	2.95E-07	0.000181	1.49E-09	0.000189
3303	482863.09	3847877.25	0.00307	0.00281	0.00313	0.00218	5.77E-06	2.5E-07	6.8E-05	2.4E-09	7.4E-05	7.07E-06	3.02081E-07	8.37E-05	1.36E-09	9.11E-05	6.23E-06	2.32E-07	0.000159	1.41E-09	0.000166
3304	483363.09	3847877.25	0.00295	0.00286	0.00302	0.00203	5.54E-06	2.5E-07	6.6E-05	2.3E-09	7.1E-05	6.79E-06	3.07456E-07	8.08E-05	1.27E-09	8.79E-05	5.99E-06	2.37E-07	0.000154	1.31E-09	0.00016
3305	483863.09	3847877.25	0.00288	0.00248	0.00303	0.00207	5.41E-06	2.2E-07	6.6E-05	2.3E-09	7.1E-05	6.63E-06	2.66606E-07	8.1E-05	1.29E-09	8.79E-05	5.85E-06	2.05E-07	0.000154	1.34E-09	0.00016
3306	484363.09	3847877.25	0.00291	0.00283	0.00298	0.0021	5.47E-06	2.5E-07	6.5E-05	2.3E-09	7E-05	6.70E-06	3.04231E-07	7.97E-05	1.31E-09	8.67E-05	5.91E-06	2.34E-07	0.000152	1.36E-09	0.000158
3307	484863.09	3847877.25	0.00279	0.00249	0.0029	0.00201	5.24E-06	2.2E-07	6.3E-05	2.2E-09	6.8E-05	6.42E-06	2.67681E-07	7.76E-05	1.26E-09	8.43E-05	5.66E-06	2.06E-07	0.000148	1.3E-09	0.000154
3308	485363.09	3847877.25	0.00274	0.0024	0.00285	0.00198	5.15E-06	2.1E-07	6.2E-05	2.2E-09	6.7E-05	6.31E-06	2.58005E-07	7.62E-05	1.24E-09	8.28E-05	5.56E-06	1.98E-07	0.000145	1.28E-09	0.000151
3309	485863.09	3847877.25	0.00266	0.00262	0.00268	0.00196	5.00E-06	2.3E-07	5.8E-05	2.2E-09	6.3E-05	6.13E-06	2.81656E-07	7.17E-05	1.23E-09	7.81E-05	5.4E-06	2.17E-07	0.000136	1.27E-09	0.000142
3310	486363.09	3847877.25	0.00243	0.00237	0.00243	0.00183	4.57E-06	2.1E-07	5.3E-05	2E-09	5.8E-05	5.60E-06	2.5478E-07	6.5E-05	1.14E-09	7.08E-05	4.93E-06	1.96E-07	0.000124	1.18E-09	0.000129
3311	486863.09	3847877.25	0.00228	0.00216	0.00231	0.00169	4.28E-06	1.9E-07	5E-05	1.9E-09	5.5E-05	5.25E-06	2.32205E-07	6.18E-05	1.06E-09	6.73E-05	4.63E-06	1.79E-07	0.000118	1.09E-09	0.000122
3312	487363.09	3847877.25	0.00216	0.00208	0.00218	0.00166	4.06E-06	1.8E-07	4.7E-05	1.9E-09	5.2E-05	4.97E-06	2.23605E-07	5.83E-05	1.04E-09	6.35E-05	4.39E-06	1.72E-07	0.000111	1.07E-09	0.000116
3313	487863.09	3847877.25	0.00202	0.0019	0.00198	0.0016	3.80E-06	1.7E-07	4.3E-05	1.8E-09	4.7E-05	4.65E-06	2.04254E-07	5.3E-05	1E-09	5.78E-05	4.1E-06	1.57E-07	0.000101	1.03E-09	0.000105
3314	488363.09	3847877.25	0.00196	0.00187	0.00192	0.00153	3.68E-06	1.6E-07	4.2E-05	1.7E-09	4.6E-05	4.51E-06	2.01029E-07	5.14E-05	9.57E-10	5.61E-05	3.98E-06	1.55E-07	9.78E-05	9.88E-10	0.000102
3315	488863.09	3847877.25	0.00195	0.00179	0.00188	0.00151	3.66E-06	1.6E-07	4.1E-05	1.7E-09	4.5E-05	4.49E-06	1.92429E-07	5.03E-05	9.44E-10	5.50E-05	3.96E-06	1.48E-07	9.57E-05	9.75E-10	9.99E-05
3316	489363.09	3847877.25	0.00197	0.00189	0.00188	0.0015	3.70E-06	1.7E-07	4.1E-05	1.7E-09	4.5E-05	4.54E-06	2.03179E-07	5.03E-05	9.38E-10	5.50E-05	4E-06	1.56E-07	9.57E-05	9.69E-10	9.99E-05
3317	489863.09	3847877.25	0.00208	0.00229	0.00194	0.00152	3.91E-06	2E-07	4.2E-05	1.7E-09	4.6E-05	4.79E-06	2.4618E-07	5.19E-05	9.51E-10	5.69E-05	4.22E-06	1.89E-07	9.88E-05	9.82E-10	0.000103
3318	490363.09	3847877.25	0.00211	0.00241	0.00197	0.00155	3.97E-06	2.1E-07	4.3E-05	1.7E-09	4.7E-05	4.86E-06	2.5908E-07	5.27E-05	9.69E-10	5.78E-05	4.28E-06	1.99E-07	0.0001	1E-09	0.000105
3319	490863.09	3847877.25	0.00209	0.00221	0.00196	0.0016	3.93E-06	1.9E-07	4.3E-05	1.8E-09	4.7E-05	4.81E-06	2.3758E-07	5.24E-05	1E-09	5.75E-05	4.24E-06	1.83E-07	9.98E-05	1.03E-09	0.000104
3320	491363.09	3847877.25	0.00203	0.00205	0.0019	0.00159	3.81E-06	1.8E-07	4.1E-05	1.8E-09	4.5E-05	4.67E-06	2.2038E-07	5.08E-05	9.94E-10	5.57E-05	4.12E-06	1.7E-07	9.68E-05	1.03E-09	0.000101
3321	491863.09	3847877.25	0.0021	0.00213	0.00197	0.00163	3.95E-06	1.9E-07	4.3E-05	1.8E-09	4.7E-05	4.84E-06	2.2898E-07	5.27E-05	1.02E-09	5.78E-05	4.26E-06	1.76E-07	0.0001	1.05E-09	0.000105
3322	492363.09	3847877.25	0.00222	0.00224	0.00206	0.0017	4.17E-06	2E-07	4.5E-05	1.9E-09	4.9E-05	5.11E-06	2.40805E-07	5.51E-05	1.06E-09	6.05E-05	4.51E-06	1.85E-07	0.000105	1.1E-09	0.00011
3323	492863.09	3847877.25	0.0023	0.00226	0.00215	0.00176	4.32E-06	2E-07	4.7E-05	2E-09	5.1E-05	5.30E-06	2.42955E-07	5.75E-05	1.1E-09	6.30E-05	4.67E-06	1.87E-07	0.00011	1.14E-09	0.000114
3324	493363.09	3847877.25	0.00229	0.00226	0.00212	0.00177	4.30E-06	2E-07	4.6E-05	2E-09	5.1E-05	5.27E-06	2.42955E-07	5.67E-05	1.11E-09	6.22E-05	4.65E-06	1.87E-07	0.000108	1.14E-09	0.000113
3325	493863.09	3847877.25	0.00234	0.00237	0.00214	0.00181	4.40E-06	2.1E-07	4.6E-05	2E-09	5.1E-05	5.39E-06	2.5478E-07	5.72E-05	1.13E-09	6.29E-05	4.75E-06	1.96E-07	0.000109	1.17E-09	0.000114
3326	494363.09	3847877.25	0.00244	0.00263	0.00222	0.00188	4.59E-06	2.3E-07	4.8E-05	2.1E-09	5.3E-05	5.62E-06	2.82731E-07	5.94E-05	1.18E-09	6.53E-05	4.95E-06	2.17E-07	0.000113	1.21E-09	0.000118
3327	494863.09	3847877.25	0.00259	0.00288	0.00234	0.00197	4.87E-06	2.5E-07	5.1E-05	2.2E-09	5.6E-05	5.96E-06	3.09606E-07	6.26E-05	1.23E-09	6.89E-05	5.26E-06	2.38E-07	0.000119	1.27E-09	0.000125
3328	495363.09	3847877.25	0.00268	0.00295	0.00243	0.00204	5.04E-06	2.6E-07	5.3E-05	2.3E-09	5.8E-05	6.17E-06	3.17132E-07	6.5E-05	1.28E-09	7.15E-05	5.44E-06	2.44E-07	0.000124	1.32E-09	0.000129
3329	495863.09	3847877.25	0.00256	0.00277	0.00233	0.00201	4.81E-06	2.4E-07	5.1E-05	2.2E-09	5.6E-05	5.90E-06	2.97781E-07	6.23E-05	1.26E-09	6.85E-05	5.2E-06	2.29E-07	0.000119	1.3E-09	0.000124
3330	496363.09	3847877.25	0.00307	0.00332	0.00281	0.0023	5.77E-06	2.9E-07	6.1E-05	2.6E-09	6.7E-05	7.07E-06	3.56907E-07	7.52E-05	1.44E-09	8.26E-05	6.23E-06	2.75E-07	0.000143	1.49E-09	0.00015
3331	496863.09	3847877.25	0.00338	0.00367	0.00312	0.00248	6.35E-06	3.2E-07	6.8E-05	2.8E-09	7.4E-05	7.78E-06	3.94533E-07	8.34E-05	1.55E-09	9.16E-05	6.86E-06	3.04E-07	0.000159	1.6E-09	0.000166
3332	497363.09	3847877.25	0.00377	0.00403	0.00352	0.00275	7.08E-06	3.5E-07	7.6E-05	3.1E-09	8.4E-05	8.68E-06	4.33234E-07	9.41E-05	1.72E-09	1.03E-04	7.65E-06	3.33E-07	0.000179	1.78E-09	0.000187
3333	497863.09	3847877.25	0.00449	0.00471	0.00424	0.00321	8.44E-06	4.1E-07	9.2E-05	3.6E-09	0.0001	1.03E-05	5.06336E-07	0.000113	2.01E-09	1.24E-04	9.12E-06	3.9E-07	0.000216	2.07E-09	0.000225
3334	498363.09	3847877.25	0.0049	0.00508	0.00464	0.00349	9.21E-06	4.5E-07	0.0001	3.9E-09	0.00011	1.13E-05	5.46111E-07	0.000124	2.18E-09	1.36E-04	9.95E-06	4.2E-07	0.000236	2.25E-09	0.000247
3335	471363.09	3848377.25	0.00696	0.00669	0.0071	0.00592	1.31E-05	5.9E-07	0.00015	6.6E-09	0.00017	1.60E-05	7.1919E-07	0.00019	3.7E-09	2.07E-04	1.41E-05	5.53E-07	0.000362	3.82E-09	0.000376
3336	471863.09	3848377.25	0.00735	0.0071	0.00744	0.00608	1.38E-05	6.2E-07	0.00016	6.8E-09	0.00018	1.69E-05	7.63266E-07	0.000199	3.8E-09	2.17E-04	1.49E-05	5.87E-07	0.000379	3.93E-09	0.000394
3337	472363.09	3848377.25	0.00761	0.00742	0.00754	0.00602	1.43E-05	6.5E-07	0.00016	6.7E-09	0.00018	1.75E-05	7.97667E-07	0.000202	3.77E-09	2.20E-04	1.55E-05	6.14E-07	0.000384	3.89E-09	0.0004
3338	472863.09	3848377.25	0.00782	0.00757	0.00767	0.00612	1.47E-05	6.6E-07	0.00017	6.8E-09	0.00018	1.80E-05	8.13792E-07	0.000205	3.83E-09	2.24E-04	1.59E-05	6.26E-07	0.000391	3.95E-09	0.000407
3339	473363.09	3848377.25	0.00795	0.00762	0.00783	0.00622	1.49E-05	6.7E-07	0.00017	6.9E-09	0.00019	1.83E-05	8.19167E-07	0.000209	3.89E-09	2.29E-04	1.61E-05	6.3E-07	0.000399	4.02E-09	0.000416
3340	473863.09	3848377.25	0.00808	0.00763	0.00795	0.0062	1.52E-05	6.7E-07	0.00017	6.9E-09	0.00019	1.86E-05	8.20242E-07	0.000213	3.88E-09	2.32E-04	1.64E-05	6.31E-07	0.000405	4.01E-09	0.000422
3341	474363.09	3848377.25	0.00793	0.00751	0.00782	0.00587	1.49E-05	6.6E-07	0.00017	6.6E-09	0.00019	1.83E-05	8.07342E-07	0.000209	3.67E-09	2.28E-04	1.61E-05	6.21E-07	0.000398	3.79E-09	0.000415
3342	474863.09	3848377.25	0.00716	0.00691	0.00722	0.00504	1.35E-05	6.1E-07	0.00016	5.6E-09	0.00017	1.65E-05	7.4284E-07	0.000193	3.15E-09	2.10E-04	1.45E-05	5.71E-07	0.000368	3.26E-09	0.000383
3343	475363.09	3848377.25	0.00754	0.00714	0.00756	0.00538	1.42E-05	6.3E-07	0.00016	6E-09	0.00018	1.74E-05	7.67566E-07	0.000202	3.36E-09	2.20E-04	1.53E-05	5.9E-07	0.000385	3.48E-09	0.000401
3344	475863.09	3848377.25	0.00686	0.00656	0.00699	0.00474	1.29E-05	5.8E-07	0.00015	5.3E-09	0.00017	1.58E-05	7.05215E-07	0.000187	2.96E-09	2.03E-04	1.39E-05	5.43E-07	0.000356	3.06E-09	0.00037
3345	476363.09	3848377.25	0.00612	0.00579	0.0061	0.00397	1.15E-05	5.1E-07	0.00013	4.4E-09	0.00014	1.41E-05	6.22438E-07	0.000163	2.48E-09	1.78E-04	1.24E-05	4.79E-07	0.000311	2.56E-09	0.000324
3346	476863.09	3848377.25	0.00774	0.00722	0.00739	0.00506	1.45E-05	6.3E-07	0.00016	5.7E-09	0.00018	1.78E-05	7.76166E-07	0.000198	3.16E-09	2.16E-04	1.57E-05	5.97E-07	0.000376	3.27E-09	0.000393
3347	477363.09	3848377.25	0.00922	0.00905	0.00872	0.00545	1.73E-05	7.9E-07	0.00019	6.1E-09	0.00021	2.12E-05	9.72895E-07	0.000233	3.41E-09	2.55E-04	1.87E-05	7.48E-07	0.000444	3.52E-09	0.000464
3348	477863.09	3848377.25	0.01107	0.01108	0.01119	0.00708	2.08E-05	9.7E-07	0.00024	7.9E-09	0.00026	2.55E-05	1.19112E-06	0.000299	4.43E-09	3.26E-04	2.25E-05	9.16E-07	0.00057	4.57E-09	0.000593
3349	478363.09	3848377.25	0.01109	0.01123	0.01143	0.00723	2.08E-05	9.9E-07	0.00025	8.1E-09	0.00027	2.55E-05	1.20725E-06	0.000306	4.52E-09	3.32E-04	2.25E-05	9.29E-07	0.000582	4.67E-09	0.000606
3350	478863.09	3848377.25	0.00965	0.00904	0.01029	0.00615	1.81E-05	7.9E-07	0.00022	6.9E-09	0.00024	2.22E-05	9.7182E-07	0.000275	3.85E-09	2.98E-04	1.96E-05	7.48E-07	0.000524	3.97E-09	0.000544
3351	479363.09	3848377.25	0.00654	0.0067	0.0067	0.00403	1.23E-05	5.9E-07	0.00015	4.5E-09	0.00016	1.51E-05	7.20265E-07	0.000179	2.52E-09	1.95E-04	1.33E-05	5.54E-07	0.000341	2.6E-09	0.000355

3352	479863.09	3848377.25	0.00224	0.00222	0.0023	0.00195	4.21E-06	1.9E-07	5E-05	2.2E-09	5.4E-05	5.16E-06	2.38655E-07	6.15E-05	1.22E-09	6.69E-05	4.55E-06	1.84E-07	0.000117	1.26E-09	0.000122
3353	480363.09	3848377.25	0.00318	0.00307	0.00327	0.00235	5.98E-06	2.7E-07	7.1E-05	2.6E-09	7.7E-05	7.32E-06	3.30032E-07	8.75E-05	1.47E-09	9.51E-05	6.46E-06	2.54E-07	0.000167	1.52E-09	0.000173
3354	480863.09	3848377.25	0.00446	0.00464	0.00457	0.00276	8.38E-06	4.1E-07	9.9E-05	3.1E-09	0.00011	1.03E-05	4.9881E-07	0.000122	1.73E-09	1.33E-04	9.06E-06	3.84E-07	0.000233	1.78E-09	0.000242
3355	481363.09	3848377.25	0.0044	0.00382	0.0047	0.0027	8.27E-06	3.4E-07	0.0001	3E-09	0.00011	1.01E-05	4.10659E-07	0.000126	1.69E-09	1.36E-04	8.93E-06	3.16E-07	0.000239	1.74E-09	0.000249
3356	481863.09	3848377.25	0.00447	0.00413	0.00467	0.00278	8.40E-06	3.6E-07	0.0001	3.1E-09	0.00011	1.03E-05	4.43984E-07	0.000125	1.74E-09	1.36E-04	9.08E-06	3.42E-07	0.000238	1.8E-09	0.000247
3357	482363.09	3848377.25	0.00446	0.00445	0.00457	0.00272	8.38E-06	3.9E-07	9.9E-05	3E-09	0.00011	1.03E-05	4.78385E-07	0.000122	1.7E-09	1.33E-04	9.06E-06	3.68E-07	0.000233	1.76E-09	0.000242
3358	482863.09	3848377.25	0.00375	0.0036	0.00382	0.0025	7.05E-06	3.2E-07	8.3E-05	2.8E-09	9E-05	8.64E-06	3.87008E-07	0.000102	1.56E-09	1.11E-04	7.61E-06	2.98E-07	0.000195	1.61E-09	0.000202
3359	483363.09	3848377.25	0.00362	0.0035	0.0037	0.00238	6.80E-06	3.1E-07	8E-05	2.7E-09	8.7E-05	8.34E-06	3.76258E-07	9.9E-05	1.49E-09	1.08E-04	7.35E-06	2.89E-07	0.000188	1.54E-09	0.000196
3360	483863.09	3848377.25	0.00328	0.0028	0.00347	0.00231	6.16E-06	2.5E-07	7.5E-05	2.6E-09	8.2E-05	7.55E-06	3.01006E-07	9.28E-05	1.44E-09	1.01E-04	6.66E-06	2.32E-07	0.000177	1.49E-09	0.000184
3361	484363.09	3848377.25	0.00321	0.00308	0.00333	0.00232	6.03E-06	2.7E-07	7.2E-05	2.6E-09	7.9E-05	7.39E-06	3.31107E-07	8.91E-05	1.45E-09	9.68E-05	6.52E-06	2.55E-07	0.00017	1.5E-09	0.000176
3362	484863.09	3848377.25	0.00343	0.00303	0.00357	0.00235	6.45E-06	2.7E-07	7.8E-05	2.6E-09	8.4E-05	7.90E-06	3.25732E-07	9.55E-05	1.47E-09	1.04E-04	6.96E-06	2.51E-07	0.000182	1.52E-09	0.000189
3363	485363.09	3848377.25	0.00325	0.00274	0.0034	0.00225	6.11E-06	2.4E-07	7.4E-05	2.5E-09	8E-05	7.48E-06	2.94556E-07	9.09E-05	1.41E-09	9.87E-05	6.6E-06	2.27E-07	0.000173	1.45E-09	0.00018
3364	485863.09	3848377.25	0.00311	0.00311	0.00311	0.00219	5.84E-06	2.7E-07	6.8E-05	2.4E-09	7.4E-05	7.16E-06	3.34332E-07	8.32E-05	1.37E-09	9.07E-05	6.31E-06	2.57E-07	0.000158	1.41E-09	0.000165
3365	486363.09	3848377.25	0.0029	0.00286	0.00292	0.00206	5.45E-06	2.5E-07	6.3E-05	2.3E-09	6.9E-05	6.68E-06	3.07456E-07	7.81E-05	1.29E-09	8.51E-05	5.89E-06	2.37E-07	0.000149	1.33E-09	0.000155
3366	486863.09	3848377.25	0.00267	0.00247	0.00272	0.00192	5.02E-06	2.2E-07	5.9E-05	2.1E-09	6.4E-05	6.15E-06	2.65531E-07	7.27E-05	1.2E-09	7.92E-05	5.42E-06	2.04E-07	0.000139	1.24E-09	0.000144
3367	487363.09	3848377.25	0.00241	0.00227	0.00238	0.00181	4.53E-06	2E-07	5.2E-05	2E-09	5.6E-05	5.55E-06	2.4403E-07	6.37E-05	1.13E-09	6.94E-05	4.89E-06	1.88E-07	0.000121	1.17E-09	0.000126
3368	487863.09	3848377.25	0.00235	0.00225	0.00229	0.00178	4.42E-06	2E-07	5E-05	2E-09	5.4E-05	5.41E-06	2.4188E-07	6.12E-05	1.11E-09	6.69E-05	4.77E-06	1.86E-07	0.000117	1.15E-09	0.000122
3369	488363.09	3848377.25	0.00229	0.00214	0.00221	0.00171	4.30E-06	1.9E-07	4.8E-05	1.9E-09	5.2E-05	5.27E-06	2.30055E-07	5.91E-05	1.07E-09	6.46E-05	4.65E-06	1.77E-07	0.000113	1.1E-09	0.000117
3370	488863.09	3848377.25	0.00231	0.00214	0.00219	0.00168	4.34E-06	1.9E-07	4.8E-05	1.9E-09	5.2E-05	5.32E-06	2.30055E-07	5.86E-05	1.05E-09	6.41E-05	4.69E-06	1.77E-07	0.000112	1.09E-09	0.000116
3371	489363.09	3848377.25	0.00238	0.00243	0.0022	0.00168	4.47E-06	2.1E-07	4.8E-05	1.9E-09	5.2E-05	5.48E-06	2.6123E-07	5.88E-05	1.05E-09	6.46E-05	4.83E-06	2.01E-07	0.000112	1.09E-09	0.000117
3372	489863.09	3848377.25	0.00256	0.00289	0.00236	0.00173	4.81E-06	2.5E-07	5.1E-05	1.9E-09	5.6E-05	5.90E-06	3.10681E-07	6.31E-05	1.08E-09	6.93E-05	5.2E-06	2.39E-07	0.00012	1.12E-09	0.000126
3373	490363.09	3848377.25	0.00257	0.00279	0.00239	0.0018	4.83E-06	2.4E-07	5.2E-05	2E-09	5.7E-05	5.92E-06	2.99931E-07	6.39E-05	1.13E-09	7.01E-05	5.22E-06	2.31E-07	0.000122	1.16E-09	0.000127
3374	490863.09	3848377.25	0.0025	0.00255	0.00232	0.00182	4.70E-06	2.2E-07	5E-05	2E-09	5.5E-05	5.76E-06	2.74131E-07	6.2E-05	1.14E-09	6.81E-05	5.08E-06	2.11E-07	0.000118	1.18E-09	0.000123
3375	491363.09	3848377.25	0.0025	0.00248	0.00231	0.00184	4.70E-06	2.2E-07	5E-05	2.1E-09	5.5E-05	5.76E-06	2.66606E-07	6.18E-05	1.15E-09	6.78E-05	5.08E-06	2.05E-07	0.000118	1.19E-09	0.000123
3376	491863.09	3848377.25	0.00256	0.00259	0.00234	0.00187	4.81E-06	2.3E-07	5.1E-05	2.1E-09	5.6E-05	5.90E-06	2.78431E-07	6.26E-05	1.17E-09	6.88E-05	5.2E-06	2.14E-07	0.000119	1.21E-09	0.000125
3377	492363.09	3848377.25	0.00252	0.00247	0.00231	0.00188	4.74E-06	2.2E-07	5E-05	2.1E-09	5.5E-05	5.80E-06	2.65531E-07	6.18E-05	1.18E-09	6.79E-05	5.12E-06	2.04E-07	0.000118	1.21E-09	0.000123
3378	492863.09	3848377.25	0.00246	0.00243	0.00224	0.00187	4.62E-06	2.1E-07	4.9E-05	2.1E-09	5.3E-05	5.66E-06	2.6123E-07	5.99E-05	1.17E-09	6.58E-05	4.99E-06	2.01E-07	0.000114	1.21E-09	0.000119
3379	493363.09	3848377.25	0.00253	0.0026	0.00229	0.00192	4.75E-06	2.3E-07	5E-05	2.1E-09	5.5E-05	5.83E-06	2.79506E-07	6.12E-05	1.2E-09	6.74E-05	5.14E-06	2.15E-07	0.000117	1.24E-09	0.000122
3380	493863.09	3848377.25	0.00262	0.00282	0.00235	0.00196	4.92E-06	2.5E-07	5.1E-05	2.2E-09	5.6E-05	6.03E-06	3.03156E-07	6.29E-05	1.23E-09	6.92E-05	5.32E-06	2.33E-07	0.00012	1.27E-09	0.000125
3381	494363.09	3848377.25	0.00271	0.00303	0.00242	0.00204	5.09E-06	2.7E-07	5.3E-05	2.3E-09	5.8E-05	6.24E-06	3.25732E-07	6.47E-05	1.28E-09	7.13E-05	5.5E-06	2.51E-07	0.000123	1.32E-09	0.000129
3382	494863.09	3848377.25	0.00289	0.0032	0.0026	0.00217	5.43E-06	2.8E-07	5.6E-05	2.4E-09	6.2E-05	6.66E-06	3.44007E-07	6.95E-05	1.36E-09	7.65E-05	5.87E-06	2.65E-07	0.000132	1.4E-09	0.000139
3383	495363.09	3848377.25	0.00287	0.00312	0.00259	0.0022	5.39E-06	2.7E-07	5.6E-05	2.5E-09	6.2E-05	6.61E-06	3.35407E-07	6.93E-05	1.38E-09	7.62E-05	5.83E-06	2.58E-07	0.000132	1.42E-09	0.000138
3384	495863.09	3848377.25	0.00301	0.00328	0.00273	0.0023	5.66E-06	2.9E-07	5.9E-05	2.6E-09	6.5E-05	6.93E-06	3.52607E-07	7.3E-05	1.44E-09	8.03E-05	6.11E-06	2.71E-07	0.000139	1.49E-09	0.000145
3385	496363.09	3848377.25	0.00336	0.00365	0.00308	0.00252	6.31E-06	3.2E-07	6.7E-05	2.8E-09	7.4E-05	7.74E-06	3.92383E-07	8.24E-05	1.58E-09	9.05E-05	6.82E-06	3.02E-07	0.000157	1.63E-09	0.000164
3386	496863.09	3848377.25	0.00346	0.00373	0.00321	0.00263	6.50E-06	3.3E-07	7E-05	2.9E-09	7.7E-05	7.97E-06	4.00983E-07	8.59E-05	1.64E-09	9.42E-05	7.03E-06	3.08E-07	0.000163	1.7E-09	0.000171
3387	497363.09	3848377.25	0.00398	0.00422	0.00373	0.00299	7.48E-06	3.7E-07	8.1E-05	3.3E-09	8.9E-05	9.17E-06	4.53659E-07	9.98E-05	1.87E-09	1.09E-04	8.08E-06	3.49E-07	0.00019	1.93E-09	0.000198
3388	497863.09	3848377.25	0.00544	0.00567	0.00514	0.00384	1.02E-05	5E-07	0.00011	4.3E-09	0.00012	1.25E-05	6.09538E-07	0.000137	2.4E-09	1.51E-04	1.1E-05	4.69E-07	0.000262	2.48E-09	0.000273
3389	498363.09	3848377.25	0.00579	0.006	0.00553	0.0041	1.09E-05	5.3E-07	0.00012	4.6E-09	0.00013	1.33E-05	6.45013E-07	0.000148	2.56E-09	1.62E-04	1.18E-05	4.96E-07	0.000282	2.65E-09	0.000294
3390	471363.09	3848877.25	0.00681	0.00665	0.00668	0.00558	1.28E-05	5.8E-07	0.00015	6.2E-09	0.00016	1.57E-05	7.1489E-07	0.000179	3.49E-09	1.95E-04	1.38E-05	5.5E-07	0.00034	3.6E-09	0.000355
3391	471863.09	3848877.25	0.00734	0.00708	0.00736	0.00618	1.38E-05	6.2E-07	0.00016	6.9E-09	0.00017	1.69E-05	7.61116E-07	0.000197	3.87E-09	2.15E-04	1.49E-05	5.86E-07	0.000375	3.99E-09	0.00039
3392	472363.09	3848877.25	0.00784	0.0075	0.00796	0.00661	1.47E-05	6.6E-07	0.00017	7.4E-09	0.00019	1.81E-05	8.06267E-07	0.000213	4.13E-09	2.32E-04	1.59E-05	6.2E-07	0.000405	4.27E-09	0.000422
3393	472863.09	3848877.25	0.00827	0.00796	0.00831	0.00676	1.55E-05	7E-07	0.00018	7.6E-09	0.0002	1.90E-05	8.55718E-07	0.000222	4.23E-09	2.42E-04	1.68E-05	6.58E-07	0.000423	4.37E-09	0.000441
3394	473363.09	3848877.25	0.00862	0.00832	0.0085	0.00684	1.62E-05	7.3E-07	0.00018	7.6E-09	0.0002	1.99E-05	8.94419E-07	0.000227	4.28E-09	2.48E-04	1.75E-05	6.88E-07	0.000433	4.42E-09	0.000451
3395	473863.09	3848877.25	0.00883	0.00848	0.00867	0.00689	1.66E-05	7.4E-07	0.00019	7.7E-09	0.00021	2.03E-05	9.11619E-07	0.000232	4.31E-09	2.53E-04	1.79E-05	7.01E-07	0.000442	4.45E-09	0.00046
3396	474363.09	3848877.25	0.00908	0.00854	0.0089	0.00702	1.71E-05	7.5E-07	0.00019	7.8E-09	0.00021	2.09E-05	9.18069E-07	0.000238	4.39E-09	2.60E-04	1.84E-05	7.06E-07	0.000453	4.53E-09	0.000472
3397	474863.09	3848877.25	0.00876	0.00837	0.00862	0.00638	1.65E-05	7.3E-07	0.00019	7.1E-09	0.0002	2.02E-05	8.99794E-07	0.000231	3.99E-09	2.52E-04	1.78E-05	6.92E-07	0.000439	4.12E-09	0.000458
3398	475363.09	3848877.25	0.00856	0.00817	0.00849	0.00611	1.61E-05	7.2E-07	0.00018	6.8E-09	0.0002	1.97E-05	8.78293E-07	0.000227	3.82E-09	2.48E-04	1.74E-05	6.76E-07	0.000432	3.95E-09	0.00045
3399	475863.09	3848877.25	0.00872	0.00819	0.00868	0.00628	1.64E-05	7.2E-07	0.00019	7E-09	0.00021	2.01E-05	8.80443E-07	0.000232	3.93E-09	2.53E-04	1.77E-05	6.77E-07	0.000442	4.06E-09	0.00046
3400	476363.09	3848877.25	0.00824	0.00779	0.0083	0.00577	1.55E-05	6.8E-07	0.00018	6.4E-09	0.0002	1.90E-05	8.37442E-07	0.000222	3.61E-09	2.42E-04	1.67E-05	6.44E-07	0.000423	3.73E-09	0.00044
3401	476863.09	3848877.25	0.00759	0.00712	0.00755	0.00498	1.43E-05	6.2E-07	0.00016	5.6E-09	0.00018	1.75E-05	7.65416E-07	0.000202	3.11E-09	2.20E-04	1.54E-05	5.89E-07	0.000385	3.22E-09	0.000401
3402	477363.09	3848877.25	0.00901	0.00821	0.00849	0.00587	1.69E-05	7.2E-07	0.00018	6.6E-09	0.0002	2.07E-05	8.82593E-07	0.000227	3.67E-09	2.49E-04	1.83E-05	6.79E-07	0.000432	3.79E-09	0.000451
3403	477863.09	3848877.25	0.01056	0.01028	0.00989	0.00631	1.98E-05	9E-07	0.00021	7.1E-09	0.00024	2.43E-05	1.10512E-06	0.000265	3.95E-09	2.90E-04	2.14E-05	8.5E-07	0.000504	4.08E-09	0.000526
3404	478363.09	3848877.25	0.01268	0.01267	0.0127	0.0082	2.38E-05	1.1E-06	0.00028	9.2E-09	0.0003	2.92E-05	1.36205E-06	0.00034	5.13E-09	3.70E-04	2.57E-05	1.05E-06	0.000647	5.3E-09	0.000674
3405	478863.09	3848877.25	0.01237	0.01251	0.01282	0.00793	2.32E-05	1.1E-06	0.00028	8.9E-09	0.0003	2.85E-05	1.34485E-06	0.000343	4.96E-09	3.73E-04	2.51E-05	1.03E-06	0.000653	5.12E-09	0.000679
3406	479363.09	3848877.25	0.01009	0.00935	0.01076	0.00624	1.90E-05	8.2E-07	0.00023	7E-09	0.00025	2.32E-05	1.00515E-06	0.000288	3.9E-09	3.12E-04	2.05E-05	7.73E-07	0.000548	4.03E-09	0.000569
3407	479863.09	3848877.25	0.00724	0.00754	0.00737	0.00431	1.36E-05	6.6E-07	0.00016	4.8E-09	0.00017	1.67E-05	8.10567E-07	0.000197	2.7E-09	2.15E-04	1.47E-05	6.24E-07	0.000375	2.78E-09	0.000391
3408	480363.09	3848877.25	0.00691	0.00626	0.00718	0.00401	1.30E-05	5.5E-07	0.00016	4.5E-09	0.00017	1.59E-05	6.72964E-07	0.000192	2.51E-09	2.09E-04	1.4E-05	5.18E-07	0.000366	2.59E-09	0.00038
3409	480863.09	3848877.25	0.00706	0.00689	0.00733	0.00397	1.33E-05	6E-07	0.00016	4.4E-09	0.00017	1.63E-05	7.4069E-07	0.000196	2.48E-09	2.13E-04	1.43E-05	5.7E-07	0.000373	2.56E-09	0.000388
3410	481363.09	3848877.25	0.00645	0.00628	0.0067	0.0036	1.21E-05	5.5E-07	0.00015	4E-09	0.00016	1.49E-05	6.75114E-07	0.000179	2.25E-09	1.95E-04	1.31E-05	5.19E-07	0.000341	2.33E-09	0.000355
3411	481863.09	3848877.25	0.00537	0.00466	0.00564	0.00319	1.01E-05	4.1E-07	0.00012	3.6E-09	0.00013	1.24E-05	5.0096E-07	0.000151	2E-09	1.64E-04	1.09E-05	3.85E-07	0.000287	2.06E-09	0.000299
3412	482363.09	3848877.25	0.00439	0.00428	0.00447	0.00276	8.25E-06	3.8E-07	9.7E-05	3.1E-09	0.00011	1.01E-05	4.6011E-07	0.00012	1.73E-09	1.30E-04	8.91E-06	3.54E-07	0.000228	1.78E-09	0.000237

3413	482863.09	3848877.25	0.00362	0.00359	0.00367	0.00251	6.80E-06	3.1E-07	8E-05	2.8E-09	8.7E-05	8.34E-06	3.85933E-07	9.82E-05	1.57E-09	1.07E-04	7.35E-06	2.97E-07	0.000187	1.62E-09	0.000195
3414	483363.09	3848877.25	0.00316	0.00307	0.00321	0.0023	5.94E-06	2.7E-07	7E-05	2.6E-09	7.6E-05	7.28E-06	3.30032E-07	8.59E-05	1.44E-09	9.35E-05	6.42E-06	2.54E-07	0.000163	1.49E-09	0.00017
3415	483863.09	3848877.25	0.0031	0.00275	0.00323	0.00226	5.83E-06	2.4E-07	7E-05	2.5E-09	7.6E-05	7.14E-06	2.95631E-07	8.64E-05	1.41E-09	9.38E-05	6.29E-06	2.27E-07	0.000165	1.46E-09	0.000171
3416	484363.09	3848877.25	0.00365	0.0034	0.00377	0.00254	6.86E-06	3E-07	8.2E-05	2.8E-09	8.9E-05	8.41E-06	3.65508E-07	0.000101	1.59E-09	1.10E-04	7.41E-06	2.81E-07	0.000192	1.64E-09	0.0002
3417	484863.09	3848877.25	0.00418	0.00379	0.00437	0.00272	7.86E-06	3.3E-07	9.5E-05	3E-09	0.0001	9.63E-06	4.07433E-07	0.000117	1.7E-09	1.27E-04	8.49E-06	3.13E-07	0.000223	1.76E-09	0.000231
3418	485363.09	3848877.25	0.00393	0.00321	0.00413	0.00259	7.39E-06	2.8E-07	9E-05	2.9E-09	9.7E-05	9.05E-06	3.45082E-07	0.00011	1.62E-09	1.20E-04	7.98E-06	2.65E-07	0.00021	1.67E-09	0.000219
3419	485863.09	3848877.25	0.0037	0.00377	0.0037	0.00247	6.95E-06	3.3E-07	8E-05	2.8E-09	8.8E-05	8.52E-06	4.05283E-07	9.9E-05	1.54E-09	1.08E-04	7.51E-06	3.12E-07	0.000188	1.6E-09	0.000196
3420	486363.09	3848877.25	0.00332	0.00327	0.00334	0.00227	6.24E-06	2.9E-07	7.3E-05	2.5E-09	7.9E-05	7.65E-06	3.51532E-07	8.93E-05	1.42E-09	9.73E-05	6.74E-06	2.7E-07	0.00017	1.47E-09	0.000177
3421	486863.09	3848877.25	0.00296	0.00262	0.00299	0.0021	5.56E-06	2.3E-07	6.5E-05	2.3E-09	7.1E-05	6.82E-06	2.81656E-07	8E-05	1.31E-09	8.71E-05	6.01E-06	2.17E-07	0.000152	1.36E-09	0.000159
3422	487363.09	3848877.25	0.00293	0.0028	0.00284	0.00206	5.51E-06	2.5E-07	6.2E-05	2.3E-09	6.7E-05	6.75E-06	3.01006E-07	7.6E-05	1.29E-09	8.30E-05	5.95E-06	2.32E-07	0.000145	1.33E-09	0.000151
3423	487863.09	3848877.25	0.00279	0.0026	0.0027	0.00199	5.24E-06	2.3E-07	5.9E-05	2.2E-09	6.4E-05	6.42E-06	2.79506E-07	7.22E-05	1.24E-09	7.89E-05	5.66E-06	2.15E-07	0.000138	1.29E-09	0.000143
3424	488363.09	3848877.25	0.00278	0.00262	0.00262	0.00195	5.22E-06	2.3E-07	5.7E-05	2.2E-09	6.2E-05	6.40E-06	2.81656E-07	7.01E-05	1.22E-09	7.68E-05	5.64E-06	2.17E-07	0.000133	1.26E-09	0.000139
3425	488863.09	3848877.25	0.00279	0.00268	0.00259	0.00188	5.24E-06	2.4E-07	5.6E-05	2.1E-09	6.2E-05	6.42E-06	2.88106E-07	6.93E-05	1.18E-09	7.60E-05	5.66E-06	2.22E-07	0.000132	1.21E-09	0.000138
3426	489363.09	3848877.25	0.00292	0.00317	0.0027	0.0019	5.49E-06	2.8E-07	5.9E-05	2.1E-09	6.4E-05	6.72E-06	3.40782E-07	7.22E-05	1.19E-09	7.93E-05	5.93E-06	2.62E-07	0.000138	1.23E-09	0.000144
3427	489863.09	3848877.25	0.00307	0.00334	0.00284	0.00199	5.77E-06	2.9E-07	6.2E-05	2.2E-09	6.8E-05	7.07E-06	3.59057E-07	7.6E-05	1.24E-09	8.34E-05	6.23E-06	2.76E-07	0.000145	1.29E-09	0.000151
3428	490363.09	3848877.25	0.00299	0.0031	0.00274	0.00204	5.62E-06	2.7E-07	6E-05	2.3E-09	6.5E-05	6.89E-06	3.33257E-07	7.33E-05	1.28E-09	8.05E-05	6.07E-06	2.56E-07	0.00014	1.32E-09	0.000146
3429	490863.09	3848877.25	0.00295	0.00291	0.00268	0.00203	5.54E-06	2.6E-07	5.8E-05	2.3E-09	6.4E-05	6.79E-06	3.12832E-07	7.17E-05	1.27E-09	7.88E-05	5.99E-06	2.41E-07	0.000136	1.31E-09	0.000143
3430	491363.09	3848877.25	0.00299	0.00296	0.00271	0.00207	5.62E-06	2.6E-07	5.9E-05	2.3E-09	6.5E-05	6.89E-06	3.18207E-07	7.25E-05	1.29E-09	7.97E-05	6.07E-06	2.45E-07	0.000138	1.34E-09	0.000144
3431	491863.09	3848877.25	0.00291	0.00286	0.00262	0.00206	5.47E-06	2.5E-07	5.7E-05	2.3E-09	6.3E-05	6.70E-06	3.07456E-07	7.01E-05	1.29E-09	7.71E-05	5.91E-06	2.37E-07	0.000133	1.33E-09	0.00014
3432	492363.09	3848877.25	0.00284	0.00279	0.00253	0.00206	5.34E-06	2.4E-07	5.5E-05	2.3E-09	6.1E-05	6.54E-06	2.99931E-07	6.77E-05	1.29E-09	7.45E-05	5.77E-06	2.31E-07	0.000129	1.33E-09	0.000135
3433	492863.09	3848877.25	0.00275	0.00283	0.00243	0.00203	5.17E-06	2.5E-07	5.3E-05	2.3E-09	5.8E-05	6.33E-06	3.04231E-07	6.5E-05	1.27E-09	7.16E-05	5.58E-06	2.34E-07	0.000124	1.31E-09	0.00013
3434	493363.09	3848877.25	0.00268	0.00291	0.00237	0.00201	5.04E-06	2.6E-07	5.1E-05	2.2E-09	5.7E-05	6.17E-06	3.12832E-07	6.34E-05	1.26E-09	6.99E-05	5.44E-06	2.41E-07	0.000121	1.3E-09	0.000126
3435	493863.09	3848877.25	0.00289	0.00323	0.00255	0.00215	5.43E-06	2.8E-07	5.5E-05	2.4E-09	6.1E-05	6.66E-06	3.47232E-07	6.82E-05	1.34E-09	7.52E-05	5.87E-06	2.67E-07	0.00013	1.39E-09	0.000136
3436	494363.09	3848877.25	0.00304	0.00338	0.00269	0.00227	5.71E-06	3E-07	5.8E-05	2.5E-09	6.4E-05	7.00E-06	3.63358E-07	7.19E-05	1.42E-09	7.93E-05	6.17E-06	2.8E-07	0.000137	1.47E-09	0.000143
3437	494863.09	3848877.25	0.00331	0.00362	0.00296	0.00246	6.22E-06	3.2E-07	6.4E-05	2.7E-09	7.1E-05	7.62E-06	3.89158E-07	7.92E-05	1.54E-09	8.72E-05	6.72E-06	2.99E-07	0.000151	1.59E-09	0.000158
3438	495363.09	3848877.25	0.00355	0.00387	0.00321	0.00261	6.67E-06	3.4E-07	7E-05	2.9E-09	7.7E-05	8.17E-06	4.16034E-07	8.59E-05	1.63E-09	9.44E-05	7.21E-06	3.2E-07	0.000163	1.69E-09	0.000171
3439	495863.09	3848877.25	0.00347	0.00378	0.00317	0.00262	6.52E-06	3.3E-07	6.9E-05	2.9E-09	7.6E-05	7.99E-06	4.06358E-07	8.48E-05	1.64E-09	9.32E-05	7.05E-06	3.13E-07	0.000161	1.69E-09	0.000169
3440	496363.09	3848877.25	0.00369	0.00398	0.00341	0.0028	6.93E-06	3.5E-07	7.4E-05	3.1E-09	8.1E-05	8.50E-06	4.27859E-07	9.12E-05	1.75E-09	1.00E-04	7.49E-06	3.29E-07	0.000174	1.81E-09	0.000181
3441	496863.09	3848877.25	0.00425	0.00453	0.00396	0.00319	7.99E-06	4E-07	8.6E-05	3.6E-09	9.4E-05	9.79E-06	4.86985E-07	0.000106	2E-09	1.16E-04	8.63E-06	3.75E-07	0.000202	2.06E-09	0.000211
3442	497363.09	3848877.25	0.00549	0.00578	0.00517	0.00395	1.03E-05	5.1E-07	0.00011	4.4E-09	0.00012	1.26E-05	6.21363E-07	0.000138	2.47E-09	1.52E-04	1.11E-05	4.78E-07	0.000263	2.55E-09	0.000275
3443	497863.09	3848877.25	0.00625	0.00651	0.00597	0.00442	1.17E-05	5.7E-07	0.00013	4.9E-09	0.00014	1.44E-05	6.9984E-07	0.00016	2.76E-09	1.75E-04	1.27E-05	5.38E-07	0.000304	2.86E-09	0.000317
3444	498363.09	3848877.25	0.00691	0.00717	0.0067	0.00487	1.30E-05	6.3E-07	0.00015	5.4E-09	0.00016	1.59E-05	7.70791E-07	0.000179	3.05E-09	1.96E-04	1.4E-05	5.93E-07	0.000341	3.15E-09	0.000356
3445	471363.09	3849377.25	0.00659	0.00624	0.00646	0.00509	1.24E-05	5.5E-07	0.00014	5.7E-09	0.00015	1.52E-05	6.70814E-07	0.000173	3.18E-09	1.89E-04	1.34E-05	5.16E-07	0.000329	3.29E-09	0.000343
3446	471863.09	3849377.25	0.00722	0.00691	0.00702	0.00577	1.36E-05	6.1E-07	0.00015	6.4E-09	0.00017	1.66E-05	7.4284E-07	0.000188	3.61E-09	2.05E-04	1.47E-05	5.71E-07	0.000358	3.73E-09	0.000373
3447	472363.09	3849377.25	0.00777	0.00748	0.00763	0.00637	1.46E-05	6.6E-07	0.00017	7.1E-09	0.00018	1.79E-05	8.04117E-07	0.000204	3.98E-09	2.23E-04	1.58E-05	6.19E-07	0.000389	4.11E-09	0.000405
3448	472863.09	3849377.25	0.00835	0.00798	0.00835	0.00698	1.57E-05	7E-07	0.00018	7.8E-09	0.0002	1.92E-05	8.57868E-07	0.000223	4.37E-09	2.43E-04	1.7E-05	6.6E-07	0.000425	4.51E-09	0.000443
3449	473363.09	3849377.25	0.0089	0.00847	0.00899	0.00742	1.67E-05	7.4E-07	0.0002	8.3E-09	0.00021	2.05E-05	9.10544E-07	0.00024	4.64E-09	2.62E-04	1.81E-05	7E-07	0.000458	4.79E-09	0.000477
3450	473863.09	3849377.25	0.00941	0.00901	0.00938	0.00763	1.77E-05	7.9E-07	0.0002	8.5E-09	0.00022	2.17E-05	9.68595E-07	0.000251	4.77E-09	2.74E-04	1.91E-05	7.45E-07	0.000478	4.93E-09	0.000498
3451	474363.09	3849377.25	0.00981	0.0094	0.00964	0.0077	1.84E-05	8.2E-07	0.00021	8.6E-09	0.00023	2.26E-05	1.01052E-06	0.000258	4.82E-09	2.81E-04	1.99E-05	7.77E-07	0.000491	4.97E-09	0.000512
3452	474863.09	3849377.25	0.01017	0.00955	0.00995	0.00785	1.91E-05	8.4E-07	0.00022	8.8E-09	0.00024	2.34E-05	1.02665E-06	0.000266	4.91E-09	2.91E-04	2.06E-05	7.9E-07	0.000507	5.07E-09	0.000528
3453	475363.09	3849377.25	0.0103	0.00961	0.01006	0.00775	1.94E-05	8.4E-07	0.00022	8.7E-09	0.00024	2.37E-05	1.0331E-06	0.000269	4.85E-09	2.94E-04	2.09E-05	7.95E-07	0.000512	5.01E-09	0.000534
3454	475863.09	3849377.25	0.01054	0.00962	0.01031	0.00777	1.98E-05	8.4E-07	0.00022	8.7E-09	0.00024	2.43E-05	1.03417E-06	0.000276	4.86E-09	3.01E-04	2.14E-05	7.96E-07	0.000525	5.02E-09	0.000547
3455	476363.09	3849377.25	0.01062	0.00956	0.01044	0.00776	2.00E-05	8.4E-07	0.00023	8.7E-09	0.00025	2.45E-05	1.02772E-06	0.000279	4.85E-09	3.05E-04	2.16E-05	7.91E-07	0.000532	5.01E-09	0.000554
3456	476863.09	3849377.25	0.01021	0.0093	0.01011	0.00735	1.92E-05	8.2E-07	0.00022	8.2E-09	0.00024	2.35E-05	9.99771E-07	0.00027	4.6E-09	2.95E-04	2.07E-05	7.69E-07	0.000515	4.75E-09	0.000536
3457	477363.09	3849377.25	0.00959	0.00876	0.00945	0.00657	1.80E-05	7.7E-07	0.00021	7.3E-09	0.00022	2.21E-05	9.4172E-07	0.000253	4.11E-09	2.76E-04	1.95E-05	7.24E-07	0.000481	4.24E-09	0.000501
3458	477863.09	3849377.25	0.00988	0.00902	0.0093	0.00629	1.86E-05	7.9E-07	0.0002	7E-09	0.00022	2.28E-05	9.6967E-07	0.000249	3.93E-09	2.72E-04	2.01E-05	7.46E-07	0.000474	4.06E-09	0.000494
3459	478363.09	3849377.25	0.01206	0.01161	0.01118	0.00722	2.27E-05	1E-06	0.00024	8.1E-09	0.00027	2.78E-05	1.2481E-06	0.000299	4.52E-09	3.28E-04	2.45E-05	9.6E-07	0.000569	4.66E-09	0.000595
3460	478863.09	3849377.25	0.01394	0.01403	0.01399	0.00858	2.62E-05	1.2E-06	0.0003	9.6E-09	0.00033	3.21E-05	1.50826E-06	0.000374	5.37E-09	4.08E-04	2.83E-05	1.16E-06	0.000713	5.54E-09	0.000742
3461	479363.09	3849377.25	0.0139	0.01397	0.01444	0.00876	2.61E-05	1.2E-06	0.00031	9.8E-09	0.00034	3.20E-05	1.50181E-06	0.000386	5.48E-09	4.20E-04	2.82E-05	1.16E-06	0.000735	5.66E-09	0.000765
3462	479863.09	3849377.25	0.01087	0.01012	0.01154	0.00656	2.04E-05	8.9E-07	0.00025	7.3E-09	0.00027	2.50E-05	1.08792E-06	0.000309	4.1E-09	3.35E-04	2.21E-05	8.37E-07	0.000588	4.24E-09	0.000611
3463	480363.09	3849377.25	0.01068	0.01087	0.0107	0.00619	2.01E-05	9.5E-07	0.00023	6.9E-09	0.00025	2.46E-05	1.16855E-06	0.000286	3.87E-09	3.12E-04	2.17E-05	8.99E-07	0.000545	4E-09	0.000568
3464	480863.09	3849377.25	0.00939	0.00865	0.00964	0.00515	1.76E-05	7.6E-07	0.00021	5.8E-09	0.00023	2.16E-05	9.29894E-07	0.000258	3.22E-09	2.80E-04	1.91E-05	7.15E-07	0.000491	3.33E-09	0.000511
3465	481363.09	3849377.25	0.00773	0.00787	0.00791	0.00426	1.45E-05	6.9E-07	0.00017	4.8E-09	0.00019	1.78E-05	8.46043E-07	0.000212	2.66E-09	2.30E-04	1.57E-05	6.51E-07	0.000403	2.75E-09	0.000419
3466	481863.09	3849377.25	0.00521	0.00464	0.00546	0.00319	9.79E-06	4.1E-07	0.00012	3.6E-09	0.00013	1.20E-05	4.9881E-07	0.000146	2E-09	1.59E-04	1.06E-05	3.84E-07	0.000278	2.06E-09	0.000289
3467	482363.09	3849377.25	0.00447	0.00416	0.00452	0.00286	8.40E-06	3.6E-07	9.8E-05	3.2E-09	0.00011	1.03E-05	4.47209E-07	0.000121	1.79E-09	1.32E-04	9.08E-06	3.44E-07	0.00023	1.85E-09	0.00024
3468	482863.09	3849377.25	0.00362	0.00355	0.00367	0.00254	6.80E-06	3.1E-07	8E-05	2.8E-09	8.7E-05	8.34E-06	3.81633E-07	9.82E-05	1.59E-09	1.07E-04	7.35E-06	2.94E-07	0.000187	1.64E-09	0.000195
3469	483363.09	3849377.25	0.00328	0.00329	0.00328	0.00243	6.16E-06	2.9E-07	7.1E-05	2.7E-09	7.8E-05	7.55E-06	3.53682E-07	8.77E-05	1.52E-09	9.56E-05	6.66E-06	2.72E-07	0.000167	1.57E-09	0.000174
3470	483863.09	3849377.25	0.00282	0.00264	0.00291	0.00222	5.30E-06	2.3E-07	6.3E-05	2.5E-09	6.9E-05	6.49E-06	2.83806E-07	7.78E-05	1.39E-09	8.46E-05	5.73E-06	2.18E-07	0.000148	1.43E-09	0.000154
3471	484363.09	3849377.25	0.00407	0.00372	0.00426	0.00279	7.65E-06	3.3E-07	9.3E-05	3.1E-09	0.0001	9.37E-06	3.99908E-07	0.000114	1.74E-09	1.24E-04	8.26E-06	3.08E-07	0.000217	1.8E-09	0.000226
3472	484863.09	3849377.25	0.005	0.00461	0.00525	0.0031	9.40E-06	4E-07	0.00011	3.5E-09	0.00012	1.15E-05	4.95585E-07	0.00014	1.94E-09	1.52E-04	1.02E-05	3.81E-07	0.000267	2E-09	0.000278
3473	485363.09	3849377.25	0.00477	0.00388	0.00501	0.003	8.96E-06	3.4E-07	0.00011	3.4E-09	0.00012	1.10E-05	4.17109E-07	0.000134	1.88E-09	1.45E-04	9.68E-06	3.21E-07	0.000255	1.94E-09	0.000265

3474	485863.09	3849377.25	0.00354	0.00358	0.00356	0.00248	6.65E-06	3.1E-07	7.7E-05	2.8E-09	8.4E-05	8.15E-06	3.84858E-07	9.52E-05	1.55E-09	1.04E-04	7.19E-06	2.96E-07	0.000181	1.6E-09	0.000189
3475	486363.09	3849377.25	0.00291	0.0029	0.00289	0.00218	5.47E-06	2.5E-07	6.3E-05	2.4E-09	6.8E-05	6.70E-06	3.11756E-07	7.73E-05	1.36E-09	8.43E-05	5.91E-06	2.4E-07	0.000147	1.41E-09	0.000153
3476	486863.09	3849377.25	0.00342	0.00295	0.00339	0.00236	6.43E-06	2.6E-07	7.4E-05	2.6E-09	8E-05	7.88E-06	3.17132E-07	9.07E-05	1.48E-09	9.89E-05	6.94E-06	2.44E-07	0.000173	1.52E-09	0.00018
3477	487363.09	3849377.25	0.0035	0.00342	0.00338	0.00232	6.58E-06	3E-07	7.3E-05	2.6E-09	8E-05	8.06E-06	3.67658E-07	9.04E-05	1.45E-09	9.88E-05	7.11E-06	2.83E-07	0.000172	1.5E-09	0.00018
3478	487863.09	3849377.25	0.00339	0.00307	0.00322	0.00225	6.37E-06	2.7E-07	7E-05	2.5E-09	7.7E-05	7.81E-06	3.30032E-07	8.61E-05	1.41E-09	9.43E-05	6.88E-06	2.54E-07	0.000164	1.45E-09	0.000171
3479	488363.09	3849377.25	0.0034	0.0033	0.00315	0.00218	6.39E-06	2.9E-07	6.8E-05	2.4E-09	7.5E-05	7.83E-06	3.54757E-07	8.42E-05	1.36E-09	9.24E-05	6.9E-06	2.73E-07	0.00016	1.41E-09	0.000168
3480	488863.09	3849377.25	0.00353	0.0036	0.00325	0.00217	6.63E-06	3.2E-07	7.1E-05	2.4E-09	7.8E-05	8.13E-06	3.87008E-07	8.69E-05	1.36E-09	9.54E-05	7.17E-06	2.98E-07	0.000166	1.4E-09	0.000173
3481	489363.09	3849377.25	0.00365	0.00394	0.00336	0.0022	6.86E-06	3.5E-07	7.3E-05	2.5E-09	8E-05	8.41E-06	4.23559E-07	8.99E-05	1.38E-09	9.87E-05	7.41E-06	3.26E-07	0.000171	1.42E-09	0.000179
3482	489863.09	3849377.25	0.00369	0.00381	0.00335	0.00231	6.93E-06	3.3E-07	7.3E-05	2.6E-09	8E-05	8.50E-06	4.09584E-07	8.96E-05	1.44E-09	9.85E-05	7.49E-06	3.15E-07	0.000171	1.49E-09	0.000178
3483	490363.09	3849377.25	0.00358	0.00358	0.00321	0.00231	6.73E-06	3.1E-07	7E-05	2.6E-09	7.7E-05	8.24E-06	3.84858E-07	8.59E-05	1.44E-09	9.45E-05	7.27E-06	2.96E-07	0.000163	1.49E-09	0.000171
3484	490863.09	3849377.25	0.00358	0.00345	0.0032	0.00233	6.73E-06	3E-07	6.9E-05	2.6E-09	7.7E-05	8.24E-06	3.70883E-07	8.56E-05	1.46E-09	9.42E-05	7.27E-06	2.85E-07	0.000163	1.51E-09	0.000171
3485	491363.09	3849377.25	0.00361	0.00352	0.00319	0.00237	6.78E-06	3.1E-07	6.9E-05	2.6E-09	7.6E-05	8.31E-06	3.78408E-07	8.53E-05	1.48E-09	9.40E-05	7.33E-06	2.91E-07	0.000162	1.53E-09	0.00017
3486	491863.09	3849377.25	0.00353	0.00345	0.00307	0.00237	6.63E-06	3E-07	6.7E-05	2.6E-09	7.4E-05	8.13E-06	3.70883E-07	8.21E-05	1.48E-09	9.06E-05	7.17E-06	2.85E-07	0.000156	1.53E-09	0.000164
3487	492363.09	3849377.25	0.00348	0.00358	0.00302	0.00237	6.54E-06	3.1E-07	6.6E-05	2.6E-09	7.2E-05	8.01E-06	3.84858E-07	8.08E-05	1.48E-09	8.92E-05	7.07E-06	2.96E-07	0.000154	1.53E-09	0.000161
3488	492863.09	3849377.25	0.00327	0.00351	0.00285	0.0023	6.14E-06	3.1E-07	6.2E-05	2.6E-09	6.8E-05	7.53E-06	3.77333E-07	7.62E-05	1.44E-09	8.41E-05	6.64E-06	2.9E-07	0.000145	1.49E-09	0.000152
3489	493363.09	3849377.25	0.00333	0.00371	0.00291	0.00237	6.26E-06	3.3E-07	6.3E-05	2.6E-09	7E-05	7.67E-06	3.98833E-07	7.78E-05	1.48E-09	8.59E-05	6.76E-06	3.07E-07	0.000148	1.53E-09	0.000155
3490	493863.09	3849377.25	0.00347	0.00389	0.00304	0.0025	6.52E-06	3.4E-07	6.6E-05	2.8E-09	7.3E-05	7.99E-06	4.18184E-07	8.13E-05	1.56E-09	8.97E-05	7.05E-06	3.22E-07	0.000155	1.61E-09	0.000162
3491	494363.09	3849377.25	0.00377	0.00416	0.00335	0.00271	7.08E-06	3.6E-07	7.3E-05	3E-09	8E-05	8.68E-06	4.47209E-07	8.96E-05	1.69E-09	9.87E-05	7.65E-06	3.44E-07	0.000171	1.75E-09	0.000179
3492	494863.09	3849377.25	0.00447	0.00485	0.00403	0.00312	8.40E-06	4.3E-07	8.8E-05	3.5E-09	9.6E-05	1.03E-05	5.21386E-07	0.000108	1.95E-09	1.19E-04	9.08E-06	4.01E-07	0.000205	2.02E-09	0.000215
3493	495363.09	3849377.25	0.00487	0.00525	0.00444	0.00339	9.15E-06	4.6E-07	9.6E-05	3.8E-09	0.00011	1.12E-05	5.64387E-07	0.000119	2.12E-09	1.31E-04	9.89E-06	4.34E-07	0.000226	2.19E-09	0.000236
3494	495863.09	3849377.25	0.00415	0.00449	0.00382	0.00311	7.80E-06	3.9E-07	8.3E-05	3.5E-09	9.1E-05	9.56E-06	4.82685E-07	0.000102	1.95E-09	1.12E-04	8.43E-06	3.71E-07	0.000195	2.01E-09	0.000203
3495	496363.09	3849377.25	0.00422	0.00457	0.00394	0.00322	7.93E-06	4E-07	8.6E-05	3.6E-09	9.4E-05	9.72E-06	4.91285E-07	0.000105	2.01E-09	1.16E-04	8.57E-06	3.78E-07	0.000201	2.08E-09	0.00021
3496	496863.09	3849377.25	0.00569	0.00603	0.00538	0.00412	1.07E-05	5.3E-07	0.00012	4.6E-09	0.00013	1.31E-05	6.48239E-07	0.000144	2.58E-09	1.58E-04	1.16E-05	4.99E-07	0.000274	2.66E-09	0.000286
3497	497363.09	3849377.25	0.00638	0.00665	0.00611	0.00461	1.20E-05	5.8E-07	0.00013	5.2E-09	0.00015	1.47E-05	7.1489E-07	0.000163	2.88E-09	1.79E-04	1.3E-05	5.5E-07	0.000311	2.98E-09	0.000325
3498	497863.09	3849377.25	0.00845	0.00872	0.00822	0.0058	1.59E-05	7.6E-07	0.00018	6.5E-09	0.0002	1.95E-05	9.3742E-07	0.00022	3.63E-09	2.40E-04	1.72E-05	7.21E-07	0.000419	3.75E-09	0.000437
3499	498363.09	3849377.25	0.00837	0.00867	0.0082	0.00592	1.57E-05	7.6E-07	0.00018	6.6E-09	0.00019	1.93E-05	9.32044E-07	0.000219	3.7E-09	2.40E-04	1.7E-05	7.17E-07	0.000418	3.82E-09	0.000435
3500	471363.09	3849877.25	0.00608	0.00604	0.00596	0.00434	1.14E-05	5.3E-07	0.00013	4.8E-09	0.00014	1.40E-05	6.49314E-07	0.000159	2.71E-09	1.74E-04	1.23E-05	5E-07	0.000304	2.8E-09	0.000316
3501	471863.09	3849877.25	0.00687	0.00652	0.00672	0.00512	1.29E-05	5.7E-07	0.00015	5.7E-09	0.00016	1.58E-05	7.00915E-07	0.00018	3.2E-09	1.96E-04	1.39E-05	5.39E-07	0.000342	3.31E-09	0.000357
3502	472363.09	3849877.25	0.00763	0.00715	0.0074	0.0059	1.43E-05	6.3E-07	0.00016	6.6E-09	0.00018	1.76E-05	7.68641E-07	0.000198	3.69E-09	2.16E-04	1.55E-05	5.91E-07	0.000377	3.81E-09	0.000393
3503	472863.09	3849877.25	0.00831	0.00784	0.00805	0.00661	1.56E-05	6.9E-07	0.00017	7.4E-09	0.00019	1.91E-05	8.42818E-07	0.000215	4.13E-09	2.35E-04	1.69E-05	6.48E-07	0.00041	4.27E-09	0.000428
3504	473363.09	3849877.25	0.00887	0.00847	0.00871	0.00722	1.67E-05	7.4E-07	0.00019	8.1E-09	0.00021	2.04E-05	9.10544E-07	0.000233	4.52E-09	2.54E-04	1.8E-05	7E-07	0.000444	4.66E-09	0.000462
3505	473863.09	3849877.25	0.00956	0.00906	0.00955	0.0079	1.80E-05	7.9E-07	0.00021	8.8E-09	0.00023	2.20E-05	9.7397E-07	0.000255	4.94E-09	2.78E-04	1.94E-05	7.49E-07	0.000486	5.1E-09	0.000507
3506	474363.09	3849877.25	0.01025	0.00968	0.01027	0.00845	1.93E-05	8.5E-07	0.00022	9.4E-09	0.00024	2.36E-05	1.04062E-06	0.000275	5.28E-09	2.99E-04	2.08E-05	8.01E-07	0.000523	5.46E-09	0.000545
3507	474863.09	3849877.25	0.01085	0.01029	0.01075	0.0087	2.04E-05	9E-07	0.00023	9.7E-09	0.00025	2.50E-05	1.1062E-06	0.000288	5.44E-09	3.14E-04	2.2E-05	8.51E-07	0.000548	5.62E-09	0.00057
3508	475363.09	3849877.25	0.01128	0.01072	0.01104	0.0087	2.12E-05	9.4E-07	0.00024	9.7E-09	0.00026	2.60E-05	1.15242E-06	0.000295	5.44E-09	3.22E-04	2.29E-05	8.87E-07	0.000562	5.62E-09	0.000586
3509	475863.09	3849877.25	0.01168	0.0109	0.01136	0.00879	2.19E-05	9.6E-07	0.00025	9.8E-09	0.00027	2.69E-05	1.17177E-06	0.000304	5.5E-09	3.32E-04	2.37E-05	9.01E-07	0.000579	5.68E-09	0.000603
3510	476363.09	3849877.25	0.01198	0.01098	0.01164	0.0088	2.25E-05	9.6E-07	0.00025	9.8E-09	0.00028	2.76E-05	1.18037E-06	0.000311	5.5E-09	3.40E-04	2.43E-05	9.08E-07	0.000593	5.68E-09	0.000618
3511	476863.09	3849877.25	0.01231	0.01099	0.01201	0.00889	2.31E-05	9.6E-07	0.00026	9.9E-09	0.00028	2.83E-05	1.18145E-06	0.000321	5.56E-09	3.51E-04	2.5E-05	9.09E-07	0.000612	5.74E-09	0.000638
3512	477363.09	3849877.25	0.01242	0.01086	0.01219	0.00882	2.33E-05	9.5E-07	0.00026	9.9E-09	0.00029	2.86E-05	1.16747E-06	0.000326	5.52E-09	3.56E-04	2.52E-05	8.98E-07	0.000621	5.7E-09	0.000647
3513	477863.09	3849877.25	0.01186	0.01042	0.01162	0.00815	2.23E-05	9.1E-07	0.00025	9.1E-09	0.00028	2.73E-05	1.12017E-06	0.000311	5.1E-09	3.39E-04	2.41E-05	8.62E-07	0.000592	5.26E-09	0.000617
3514	478363.09	3849877.25	0.01182	0.01049	0.01105	0.00744	2.22E-05	9.2E-07	0.00024	8.3E-09	0.00026	2.72E-05	1.1277E-06	0.000296	4.65E-09	3.24E-04	2.4E-05	8.68E-07	0.000563	4.81E-09	0.000588
3515	478863.09	3849877.25	0.01428	0.01332	0.01306	0.00865	2.68E-05	1.2E-06	0.00028	9.7E-09	0.00031	3.29E-05	1.43193E-06	0.000349	5.41E-09	3.84E-04	2.9E-05	1.1E-06	0.000665	5.59E-09	0.000695
3516	479363.09	3849877.25	0.01643	0.01646	0.01625	0.01047	3.09E-05	1.4E-06	0.00035	1.2E-08	0.00039	3.78E-05	1.76949E-06	0.000435	6.55E-09	4.74E-04	3.34E-05	1.36E-06	0.000828	6.76E-09	0.000862
3517	479863.09	3849877.25	0.01708	0.01673	0.0175	0.0116	3.21E-05	1.5E-06	0.00038	1.3E-08	0.00041	3.93E-05	1.79851E-06	0.000468	7.26E-09	5.09E-04	3.47E-05	1.38E-06	0.000891	7.49E-09	0.000927
3518	480363.09	3849877.25	0.01407	0.01332	0.01447	0.00867	2.64E-05	1.2E-06	0.00031	9.7E-09	0.00034	3.24E-05	1.43193E-06	0.000387	5.42E-09	4.21E-04	2.86E-05	1.1E-06	0.000737	5.6E-09	0.000767
3519	480863.09	3849877.25	0.01109	0.01092	0.01122	0.00614	2.08E-05	9.6E-07	0.00024	6.9E-09	0.00027	2.55E-05	1.17392E-06	0.0003	3.84E-09	3.27E-04	2.25E-05	9.03E-07	0.000571	3.97E-09	0.000595
3520	481363.09	3849877.25	0.00942	0.00893	0.00976	0.00501	1.77E-05	7.8E-07	0.00021	5.6E-09	0.00023	2.17E-05	9.59995E-07	0.000261	3.13E-09	2.84E-04	1.91E-05	7.38E-07	0.000497	3.24E-09	0.000517
3521	481863.09	3849877.25	0.00585	0.00585	0.00604	0.00351	1.10E-05	5.1E-07	0.00013	3.9E-09	0.00014	1.35E-05	6.28888E-07	0.000162	2.2E-09	1.76E-04	1.19E-05	4.84E-07	0.000308	2.27E-09	0.00032
3522	482363.09	3849877.25	0.00456	0.00411	0.00468	0.003	8.57E-06	3.6E-07	0.0001	3.4E-09	0.00011	1.05E-05	4.41834E-07	0.000125	1.88E-09	1.36E-04	9.26E-06	3.4E-07	0.000238	1.94E-09	0.000248
3523	482863.09	3849877.25	0.0039	0.00381	0.00398	0.00274	7.33E-06	3.3E-07	8.6E-05	3.1E-09	9.4E-05	8.98E-06	4.09584E-07	0.000106	1.71E-09	1.16E-04	7.92E-06	3.15E-07	0.000203	1.77E-09	0.000211
3524	483363.09	3849877.25	0.0034	0.0034	0.00341	0.00256	6.39E-06	3E-07	7.4E-05	2.9E-09	8.1E-05	7.83E-06	3.65508E-07	9.12E-05	1.6E-09	9.94E-05	6.9E-06	2.81E-07	0.000174	1.65E-09	0.000181
3525	483863.09	3849877.25	0.00336	0.00315	0.00348	0.00253	6.31E-06	2.8E-07	7.6E-05	2.8E-09	8.2E-05	7.74E-06	3.38632E-07	9.31E-05	1.58E-09	1.01E-04	6.82E-06	2.61E-07	0.000177	1.63E-09	0.000184
3526	484363.09	3849877.25	0.00459	0.00415	0.0048	0.00307	8.63E-06	3.6E-07	0.0001	3.4E-09	0.00011	1.06E-05	4.46134E-07	0.000128	1.92E-09	1.39E-04	9.32E-06	3.43E-07	0.000244	1.98E-09	0.000254
3527	484863.09	3849877.25	0.00627	0.00565	0.0066	0.00364	1.18E-05	5E-07	0.00014	4.1E-09	0.00016	1.44E-05	6.07388E-07	0.000177	2.28E-09	1.92E-04	1.27E-05	4.67E-07	0.000336	2.35E-09	0.000349
3528	485363.09	3849877.25	0.00555	0.00463	0.00576	0.00339	1.04E-05	4.1E-07	0.00013	3.8E-09	0.00014	1.28E-05	4.97735E-07	0.000154	2.12E-09	1.67E-04	1.13E-05	3.83E-07	0.000293	2.19E-09	0.000305
3529	485863.09	3849877.25	0.00454	0.00454	0.00453	0.0029	8.53E-06	4E-07	9.8E-05	3.2E-09	0.00011	1.05E-05	4.8806E-07	0.000121	1.81E-09	1.32E-04	9.22E-06	3.75E-07	0.000231	1.87E-09	0.00024
3530	486363.09	3849877.25	0.00408	0.00389	0.00404	0.0027	7.67E-06	3.4E-07	8.8E-05	3E-09	9.6E-05	9.40E-06	4.18184E-07	0.000108	1.69E-09	1.18E-04	8.28E-06	3.22E-07	0.000206	1.74E-09	0.000214
3531	486863.09	3849877.25	0.00446	0.0039	0.00435	0.0028	8.38E-06	3.4E-07	9.4E-05	3.1E-09	0.0001	1.03E-05	4.19259E-07	0.000116	1.75E-09	1.27E-04	9.06E-06	3.23E-07	0.000222	1.81E-09	0.000231
3532	487363.09	3849877.25	0.00437	0.00413	0.00417	0.00265	8.21E-06	3.6E-07	9.1E-05	3E-09	9.9E-05	1.01E-05	4.43984E-07	0.000112	1.66E-09	1.22E-04	8.87E-06	3.42E-07	0.000212	1.71E-09	0.000222
3533	487863.09	3849877.25	0.00426	0.00405	0.00394	0.0026	8.01E-06	3.6E-07	8.6E-05	2.9E-09	9.4E-05	9.81E-06	4.35384E-07	0.000105	1.63E-09	1.16E-04	8.65E-06	3.35E-07	0.000201	1.68E-09	0.00021
3534	488363.09	3849877.25	0.00436	0.00436	0.00395	0.00252	8.19E-06	3.8E-07	8.6E-05	2.8E-09	9.4E-05	1.00E-05	4.6871E-07	0.000106	1.58E-09	1.16E-04	8.85E-06	3.61E-07	0.000201	1.63E-09	0.00021

3535	488863.09	3849877.25	0.00453	0.00461	0.00413	0.00253	8.51E-06	4E-07	9E-05	2.8E-09	9.9E-05	1.04E-05	4.95585E-07	0.00011	1.58E-09	1.21E-04	9.2E-06	3.81E-07	0.00021	1.63E-09	0.00022
3536	489363.09	3849877.25	0.00459	0.00471	0.00413	0.00261	8.63E-06	4.1E-07	9E-05	2.9E-09	9.9E-05	1.06E-05	5.06336E-07	0.00011	1.63E-09	1.22E-04	9.32E-06	3.9E-07	0.00021	1.69E-09	0.00022
3537	489863.09	3849877.25	0.00456	0.00458	0.00403	0.00268	8.57E-06	4E-07	8.8E-05	3E-09	9.6E-05	1.05E-05	4.9236E-07	0.000108	1.68E-09	1.19E-04	9.26E-06	3.79E-07	0.000205	1.73E-09	0.000215
3538	490363.09	3849877.25	0.00446	0.00424	0.00391	0.00268	8.38E-06	3.7E-07	8.5E-05	3E-09	9.4E-05	1.03E-05	4.55809E-07	0.000105	1.68E-09	1.15E-04	9.06E-06	3.51E-07	0.000199	1.73E-09	0.000209
3539	490863.09	3849877.25	0.00453	0.00432	0.00392	0.00273	8.51E-06	3.8E-07	8.5E-05	3.1E-09	9.4E-05	1.04E-05	4.6441E-07	0.000105	1.71E-09	1.16E-04	9.2E-06	3.57E-07	0.0002	1.76E-09	0.000209
3540	491363.09	3849877.25	0.00463	0.00454	0.00394	0.00279	8.70E-06	4E-07	8.6E-05	3.1E-09	9.5E-05	1.07E-05	4.8806E-07	0.000105	1.74E-09	1.17E-04	9.4E-06	3.75E-07	0.000201	1.8E-09	0.00021
3541	491863.09	3849877.25	0.00455	0.00464	0.00386	0.0028	8.55E-06	4.1E-07	8.4E-05	3.1E-09	9.3E-05	1.05E-05	4.9881E-07	0.000103	1.75E-09	1.14E-04	9.24E-06	3.84E-07	0.000197	1.81E-09	0.000206
3542	492363.09	3849877.25	0.00455	0.00482	0.00388	0.00285	8.55E-06	4.2E-07	8.4E-05	3.2E-09	9.3E-05	1.05E-05	5.18161E-07	0.000104	1.78E-09	1.15E-04	9.24E-06	3.99E-07	0.000198	1.84E-09	0.000207
3543	492863.09	3849877.25	0.00439	0.00484	0.00379	0.00286	8.25E-06	4.2E-07	8.2E-05	3.2E-09	9.1E-05	1.01E-05	5.20311E-07	0.000101	1.79E-09	1.12E-04	8.91E-06	4E-07	0.000193	1.85E-09	0.000202
3544	493363.09	3849877.25	0.00426	0.00481	0.0037	0.0029	8.01E-06	4.2E-07	8E-05	3.2E-09	8.9E-05	9.81E-06	5.17086E-07	9.9E-05	1.81E-09	1.09E-04	8.65E-06	3.98E-07	0.000188	1.87E-09	0.000197
3545	493863.09	3849877.25	0.00429	0.00475	0.00378	0.00301	8.06E-06	4.2E-07	8.2E-05	3.4E-09	9.1E-05	9.88E-06	5.10636E-07	0.000101	1.88E-09	1.11E-04	8.71E-06	3.93E-07	0.000193	1.94E-09	0.000202
3546	494363.09	3849877.25	0.00532	0.00577	0.00476	0.0036	1.00E-05	5.1E-07	0.0001	4E-09	0.00011	1.23E-05	6.20288E-07	0.000127	2.25E-09	1.40E-04	1.08E-05	4.77E-07	0.000242	2.33E-09	0.000254
3547	494863.09	3849877.25	0.00621	0.00668	0.00562	0.00415	1.17E-05	5.9E-07	0.00012	4.6E-09	0.00013	1.43E-05	7.18115E-07	0.00015	2.6E-09	1.65E-04	1.26E-05	5.52E-07	0.000286	2.68E-09	0.000299
3548	495363.09	3849877.25	0.00572	0.00616	0.00525	0.004	1.07E-05	5.4E-07	0.00011	4.5E-09	0.00013	1.32E-05	6.62214E-07	0.00014	2.5E-09	1.54E-04	1.16E-05	5.09E-07	0.000267	2.58E-09	0.00028
3549	495863.09	3849877.25	0.00675	0.0072	0.00629	0.00466	1.27E-05	6.3E-07	0.00014	5.2E-09	0.00015	1.55E-05	7.74016E-07	0.000168	2.91E-09	1.85E-04	1.37E-05	5.95E-07	0.00032	3.01E-09	0.000335
3550	496363.09	3849877.25	0.0073	0.00764	0.00691	0.00508	1.37E-05	6.7E-07	0.00015	5.7E-09	0.00016	1.68E-05	8.21317E-07	0.000185	3.18E-09	2.02E-04	1.48E-05	6.32E-07	0.000352	3.28E-09	0.000367
3551	496863.09	3849877.25	0.00776	0.00804	0.00745	0.00548	1.46E-05	7.1E-07	0.00016	6.1E-09	0.00018	1.79E-05	8.64318E-07	0.000199	3.43E-09	2.18E-04	1.58E-05	6.65E-07	0.000379	3.54E-09	0.000396
3552	497363.09	3849877.25	0.00945	0.00975	0.00921	0.00649	1.78E-05	8.6E-07	0.0002	7.3E-09	0.00022	2.18E-05	1.04815E-06	0.000246	4.06E-09	2.69E-04	1.92E-05	8.06E-07	0.000469	4.19E-09	0.000489
3553	497863.09	3849877.25	0.01025	0.0105	0.01012	0.00708	1.93E-05	9.2E-07	0.00022	7.9E-09	0.00024	2.36E-05	1.12877E-06	0.000271	4.43E-09	2.95E-04	2.08E-05	8.68E-07	0.000515	4.57E-09	0.000537
3554	498363.09	3849877.25	0.01006	0.01027	0.00999	0.00719	1.89E-05	9E-07	0.00022	8E-09	0.00024	2.32E-05	1.10405E-06	0.000267	4.5E-09	2.91E-04	2.04E-05	8.49E-07	0.000509	4.64E-09	0.00053
3555	471363.09	3850377.25	0.00535	0.00559	0.00528	0.0036	1.01E-05	4.9E-07	0.00011	4E-09	0.00013	1.23E-05	6.00938E-07	0.000141	2.25E-09	1.54E-04	1.09E-05	4.62E-07	0.000269	2.33E-09	0.00028
3556	471863.09	3850377.25	0.00666	0.0069	0.0064	0.00453	1.25E-05	6.1E-07	0.00014	5.1E-09	0.00015	1.53E-05	7.41765E-07	0.000171	2.83E-09	1.87E-04	1.35E-05	5.71E-07	0.000326	2.93E-09	0.00034
3557	472363.09	3850377.25	0.00721	0.0072	0.00695	0.00505	1.35E-05	6.3E-07	0.00015	5.6E-09	0.00017	1.66E-05	7.74016E-07	0.000186	3.16E-09	2.03E-04	1.46E-05	5.95E-07	0.000354	3.26E-09	0.000369
3558	472863.09	3850377.25	0.00817	0.00773	0.00785	0.00607	1.54E-05	6.8E-07	0.00017	6.8E-09	0.00019	1.88E-05	8.30992E-07	0.00021	3.8E-09	2.30E-04	1.66E-05	6.39E-07	0.0004	3.92E-09	0.000417
3559	473363.09	3850377.25	0.00868	0.00813	0.00835	0.00657	1.63E-05	7.1E-07	0.00018	7.3E-09	0.0002	2.00E-05	8.73993E-07	0.000223	4.11E-09	2.44E-04	1.76E-05	6.72E-07	0.000425	4.24E-09	0.000444
3560	473863.09	3850377.25	0.00945	0.00893	0.00912	0.00741	1.78E-05	7.8E-07	0.0002	8.3E-09	0.00022	2.18E-05	9.59995E-07	0.000244	4.63E-09	2.67E-04	1.92E-05	7.38E-07	0.000464	4.79E-09	0.000484
3561	474363.09	3850377.25	0.01028	0.0097	0.01007	0.00827	1.93E-05	8.5E-07	0.00022	9.2E-09	0.00024	2.37E-05	1.04277E-06	0.000269	5.17E-09	2.94E-04	2.09E-05	8.02E-07	0.000513	5.34E-09	0.000535
3562	474863.09	3850377.25	0.01111	0.01042	0.01104	0.00905	2.09E-05	9.1E-07	0.00024	1E-08	0.00026	2.56E-05	1.12017E-06	0.000295	5.66E-09	3.22E-04	2.26E-05	8.62E-07	0.000562	5.85E-09	0.000586
3563	475363.09	3850377.25	0.01195	0.01118	0.01188	0.00971	2.25E-05	9.8E-07	0.00026	1.1E-08	0.00028	2.75E-05	1.20188E-06	0.000318	6.07E-09	3.46E-04	2.43E-05	9.25E-07	0.000605	6.27E-09	0.00063
3564	475863.09	3850377.25	0.01266	0.01186	0.01245	0.00996	2.38E-05	1E-06	0.00027	1.1E-08	0.0003	2.92E-05	1.27498E-06	0.000333	6.23E-09	3.63E-04	2.57E-05	9.81E-07	0.000634	6.43E-09	0.000661
3565	476363.09	3850377.25	0.01322	0.01237	0.01286	0.00998	2.48E-05	1.1E-06	0.00028	1.1E-08	0.00031	3.04E-05	1.3298E-06	0.000344	6.24E-09	3.76E-04	2.68E-05	1.02E-06	0.000655	6.45E-09	0.000683
3566	476863.09	3850377.25	0.01371	0.01262	0.01325	0.01006	2.58E-05	1.1E-06	0.00029	1.1E-08	0.00031	3.16E-05	1.35668E-06	0.000354	6.29E-09	3.87E-04	2.78E-05	1.04E-06	0.000675	6.5E-09	0.000704
3567	477363.09	3850377.25	0.01415	0.01271	0.01367	0.01017	2.66E-05	1.1E-06	0.0003	1.1E-08	0.00032	3.26E-05	1.36635E-06	0.000366	6.36E-09	4.00E-04	2.87E-05	1.05E-06	0.000696	6.57E-09	0.000726
3568	477863.09	3850377.25	0.01433	0.01263	0.01393	0.01008	2.69E-05	1.1E-06	0.0003	1.1E-08	0.00033	3.30E-05	1.35775E-06	0.000373	6.3E-09	4.07E-04	2.91E-05	1.04E-06	0.000709	6.51E-09	0.00074
3569	478363.09	3850377.25	0.01386	0.0123	0.0135	0.00944	2.60E-05	1.1E-06	0.00029	1.1E-08	0.00032	3.19E-05	1.32228E-06	0.000361	5.9E-09	3.94E-04	2.81E-05	1.02E-06	0.000688	6.1E-09	0.000717
3570	478863.09	3850377.25	0.01462	0.01266	0.01366	0.00899	2.75E-05	1.1E-06	0.0003	1E-08	0.00033	3.37E-05	1.36098E-06	0.000365	5.62E-09	4.00E-04	2.97E-05	1.05E-06	0.000696	5.81E-09	0.000726
3571	479363.09	3850377.25	0.01711	0.01533	0.01555	0.01027	3.22E-05	1.3E-06	0.00034	1.1E-08	0.00037	3.94E-05	1.64801E-06	0.000416	6.42E-09	4.57E-04	3.47E-05	1.27E-06	0.000792	6.63E-09	0.000828
3572	479863.09	3850377.25	0.01946	0.01923	0.01893	0.013	3.66E-05	1.7E-06	0.00041	1.5E-08	0.00045	4.48E-05	2.06727E-06	0.000506	8.13E-09	5.53E-04	3.95E-05	1.59E-06	0.000964	8.4E-09	0.001005
3573	480363.09	3850377.25	0.01971	0.01899	0.0201	0.01328	3.70E-05	1.7E-06	0.00044	1.5E-08	0.00048	4.54E-05	2.04147E-06	0.000538	8.31E-09	5.85E-04	4E-05	1.57E-06	0.001024	8.58E-09	0.001065
3574	480863.09	3850377.25	0.01799	0.01705	0.01781	0.01162	3.38E-05	1.5E-06	0.00039	1.3E-08	0.00042	4.14E-05	1.83291E-06	0.000476	7.27E-09	5.20E-04	3.65E-05	1.41E-06	0.000907	7.51E-09	0.000945
3575	481363.09	3850377.25	0.01192	0.0116	0.01214	0.00641	2.24E-05	1E-06	0.00026	7.2E-09	0.00029	2.74E-05	1.24703E-06	0.000325	4.01E-09	3.53E-04	2.42E-05	9.59E-07	0.000618	4.14E-09	0.000643
3576	481863.09	3850377.25	0.0109	0.01061	0.01123	0.00552	2.05E-05	9.3E-07	0.00024	6.2E-09	0.00027	2.51E-05	1.1406E-06	0.0003	3.45E-09	3.27E-04	2.21E-05	8.77E-07	0.000572	3.57E-09	0.000595
3577	482363.09	3850377.25	0.00949	0.00844	0.00993	0.00509	1.78E-05	7.4E-07	0.00022	5.7E-09	0.00023	2.19E-05	9.07319E-07	0.000266	3.18E-09	2.88E-04	1.93E-05	6.98E-07	0.000506	3.29E-09	0.000526
3578	482863.09	3850377.25	0.00611	0.00582	0.00628	0.00365	1.15E-05	5.1E-07	0.00014	4.1E-09	0.00015	1.41E-05	6.25663E-07	0.000168	2.28E-09	1.83E-04	1.24E-05	4.81E-07	0.00032	2.36E-09	0.000333
3579	483363.09	3850377.25	0.00478	0.00465	0.00487	0.00322	8.98E-06	4.1E-07	0.00011	3.6E-09	0.00012	1.10E-05	4.99885E-07	0.00013	2.01E-09	1.42E-04	9.71E-06	3.85E-07	0.000248	2.08E-09	0.000258
3580	483863.09	3850377.25	0.0052	0.00502	0.0054	0.00341	9.77E-06	4.4E-07	0.00012	3.8E-09	0.00013	1.20E-05	5.39661E-07	0.000144	2.13E-09	1.57E-04	1.06E-05	4.15E-07	0.000275	2.2E-09	0.000286
3581	484363.09	3850377.25	0.00633	0.00559	0.00665	0.00378	1.19E-05	4.9E-07	0.00014	4.2E-09	0.00016	1.46E-05	6.00938E-07	0.000178	2.36E-09	1.93E-04	1.29E-05	4.62E-07	0.000339	2.44E-09	0.000352
3582	484863.09	3850377.25	0.00763	0.00656	0.00805	0.00425	1.43E-05	5.8E-07	0.00017	4.7E-09	0.00019	1.76E-05	7.05215E-07	0.000215	2.66E-09	2.34E-04	1.55E-05	5.43E-07	0.00041	2.75E-09	0.000426
3583	485363.09	3850377.25	0.00733	0.00633	0.0075	0.00412	1.38E-05	5.6E-07	0.00016	4.6E-09	0.00018	1.69E-05	6.80489E-07	0.000201	2.58E-09	2.18E-04	1.49E-05	5.23E-07	0.000382	2.66E-09	0.000397
3584	485863.09	3850377.25	0.00639	0.00606	0.00641	0.00359	1.20E-05	5.3E-07	0.00014	4E-09	0.00015	1.47E-05	6.51464E-07	0.000171	2.25E-09	1.87E-04	1.3E-05	5.01E-07	0.000326	2.32E-09	0.00034
3585	486363.09	3850377.25	0.0061	0.00567	0.00598	0.00349	1.15E-05	5E-07	0.00013	3.9E-09	0.00014	1.40E-05	6.09538E-07	0.00016	2.18E-09	1.75E-04	1.24E-05	4.69E-07	0.000305	2.25E-09	0.000317
3586	486863.09	3850377.25	0.00592	0.00528	0.00572	0.00338	1.11E-05	4.6E-07	0.00012	3.8E-09	0.00014	1.36E-05	5.67612E-07	0.000153	2.11E-09	1.67E-04	1.2E-05	4.37E-07	0.000291	2.18E-09	0.000304
3587	487363.09	3850377.25	0.00552	0.00526	0.00508	0.00309	1.04E-05	4.6E-07	0.00011	3.5E-09	0.00012	1.27E-05	5.65462E-07	0.000136	1.93E-09	1.49E-04	1.12E-05	4.35E-07	0.000259	2E-09	0.00027
3588	487863.09	3850377.25	0.00563	0.00562	0.00505	0.00305	1.06E-05	4.9E-07	0.00011	3.4E-09	0.00012	1.30E-05	6.04163E-07	0.000135	1.91E-09	1.49E-04	1.14E-05	4.65E-07	0.000257	1.97E-09	0.000269
3589	488363.09	3850377.25	0.00573	0.00569	0.00512	0.00297	1.08E-05	5E-07	0.00011	3.3E-09	0.00012	1.32E-05	6.11688E-07	0.000137	1.86E-09	1.51E-04	1.16E-05	4.71E-07	0.000261	1.92E-09	0.000273
3590	488863.09	3850377.25	0.00585	0.00571	0.0052	0.00304	1.10E-05	5E-07	0.00011	3.4E-09	0.00012	1.35E-05	6.13838E-07	0.000139	1.9E-09	1.53E-04	1.19E-05	4.72E-07	0.000265	1.96E-09	0.000277
3591	489363.09	3850377.25	0.00591	0.00591	0.00514	0.00314	1.11E-05	5.2E-07	0.00011	3.5E-09	0.00012	1.36E-05	6.35338E-07	0.000137	1.96E-09	1.52E-04	1.2E-05	4.89E-07	0.000262	2.03E-09	0.000274
3592	489863.09	3850377.25	0.00582	0.00557	0.00499	0.00319	1.09E-05	4.9E-07	0.00011	3.6E-09	0.00012	1.34E-05	5.98787E-07	0.000133	2E-09	1.47E-04	1.18E-05	4.61E-07	0.000254	2.06E-09	0.000266
3593	490363.09	3850377.25	0.00585	0.00544	0.00493	0.00323	1.10E-05	4.8E-07	0.00011	3.6E-09	0.00012	1.35E-05	5.84812E-07	0.000132	2.02E-09	1.46E-04	1.19E-05	4.5E-07	0.000251	2.09E-09	0.000263
3594	490863.09	3850377.25	0.00602	0.00603	0.00498	0.00329	1.13E-05	5.3E-07	0.00011	3.7E-09	0.00012	1.39E-05	6.48239E-07	0.000133	2.06E-09	1.48E-04	1.22E-05	4.99E-07	0.000254	2.13E-09	0.000266
3595	491363.09	3850377.25	0.00617	0.00632	0.00511	0.00336	1.16E-05	5.5E-07	0.00011	3.8E-09	0.00012	1.42E-05	6.79414E-07	0.000137	2.1E-09	1.52E-04	1.25E-05	5.23E-07	0.00026	2.17E-09	0.000273

3596	491863.09	3850377.25	0.00605	0.00647	0.00506	0.00343	1.14E-05	5.7E-07	0.00011	3.8E-09	0.00012	1.39E-05	6.95539E-07	0.000135	2.15E-09	1.50E-04	1.23E-05	5.35E-07	0.000258	2.22E-09	0.000271
3597	492363.09	3850377.25	0.00585	0.00643	0.00495	0.0035	1.10E-05	5.6E-07	0.00011	3.9E-09	0.00012	1.35E-05	6.91239E-07	0.000132	2.19E-09	1.47E-04	1.19E-05	5.32E-07	0.000252	2.26E-09	0.000265
3598	492863.09	3850377.25	0.00584	0.00657	0.00503	0.00365	1.10E-05	5.8E-07	0.00011	4.1E-09	0.00012	1.34E-05	7.0629E-07	0.000135	2.28E-09	1.49E-04	1.19E-05	5.43E-07	0.000256	2.36E-09	0.000269
3599	493363.09	3850377.25	0.0057	0.00629	0.00499	0.00372	1.07E-05	5.5E-07	0.00011	4.2E-09	0.00012	1.31E-05	6.76189E-07	0.000133	2.33E-09	1.47E-04	1.16E-05	5.2E-07	0.000254	2.4E-09	0.000266
3600	493863.09	3850377.25	0.00641	0.00699	0.00568	0.00419	1.20E-05	6.1E-07	0.00012	4.7E-09	0.00014	1.48E-05	7.51441E-07	0.000152	2.62E-09	1.67E-04	1.3E-05	5.78E-07	0.000289	2.71E-09	0.000303
3601	494363.09	3850377.25	0.00705	0.00767	0.00635	0.00464	1.32E-05	6.7E-07	0.00014	5.2E-09	0.00015	1.62E-05	8.24542E-07	0.00017	2.9E-09	1.87E-04	1.43E-05	6.34E-07	0.000323	3E-09	0.000338
3602	494863.09	3850377.25	0.00808	0.0087	0.00742	0.00526	1.52E-05	7.6E-07	0.00016	5.9E-09	0.00018	1.86E-05	9.35269E-07	0.000198	3.29E-09	2.18E-04	1.64E-05	7.19E-07	0.000378	3.4E-09	0.000395
3603	495363.09	3850377.25	0.00936	0.00991	0.00874	0.00603	1.76E-05	8.7E-07	0.00019	6.7E-09	0.00021	2.16E-05	1.06535E-06	0.000234	3.77E-09	2.56E-04	1.9E-05	8.2E-07	0.000445	3.9E-09	0.000465
3604	495863.09	3850377.25	0.00913	0.0095	0.00867	0.00615	1.72E-05	8.3E-07	0.00019	6.9E-09	0.00021	2.10E-05	1.02127E-06	0.000232	3.85E-09	2.54E-04	1.85E-05	7.86E-07	0.000442	3.97E-09	0.000461
3605	496363.09	3850377.25	0.01042	0.01069	0.01008	0.00699	1.96E-05	9.4E-07	0.00022	7.8E-09	0.00024	2.40E-05	1.1492E-06	0.00027	4.37E-09	2.95E-04	2.12E-05	8.84E-07	0.000513	4.52E-09	0.000535
3606	496863.09	3850377.25	0.01167	0.01188	0.01145	0.00783	2.19E-05	1E-06	0.00025	8.7E-09	0.00027	2.69E-05	1.27713E-06	0.000306	4.9E-09	3.34E-04	2.37E-05	9.82E-07	0.000583	5.06E-09	0.000608
3607	497363.09	3850377.25	0.01231	0.01247	0.01217	0.0084	2.31E-05	1.1E-06	0.00026	9.4E-09	0.00029	2.83E-05	1.34055E-06	0.000325	5.25E-09	3.55E-04	2.5E-05	1.03E-06	0.00062	5.43E-09	0.000646
3608	497863.09	3850377.25	0.01237	0.01264	0.01227	0.00867	2.32E-05	1.1E-06	0.00027	9.7E-09	0.00029	2.85E-05	1.35883E-06	0.000328	5.42E-09	3.58E-04	2.51E-05	1.05E-06	0.000625	5.6E-09	0.000651
3609	498363.09	3850377.25	0.01239	0.01281	0.0123	0.00889	2.33E-05	1.1E-06	0.00027	9.9E-09	0.00029	2.85E-05	1.3771E-06	0.000329	5.56E-09	3.59E-04	2.52E-05	1.06E-06	0.000626	5.74E-09	0.000653
3610	471363.09	3850877.25	0.00664	0.0067	0.00682	0.00451	1.25E-05	5.9E-07	0.00015	5E-09	0.00016	1.53E-05	7.20265E-07	0.000182	2.82E-09	1.98E-04	1.35E-05	5.54E-07	0.000347	2.91E-09	0.000361
3611	471863.09	3850877.25	0.00731	0.00751	0.00727	0.00488	1.37E-05	6.6E-07	0.00016	5.5E-09	0.00017	1.68E-05	8.07342E-07	0.000194	3.05E-09	2.12E-04	1.48E-05	6.21E-07	0.00037	3.15E-09	0.000386
3612	472363.09	3850877.25	0.0081	0.00841	0.00782	0.00548	1.52E-05	7.4E-07	0.00017	6.1E-09	0.00019	1.87E-05	9.04094E-07	0.000209	3.43E-09	2.29E-04	1.64E-05	6.95E-07	0.000398	3.54E-09	0.000415
3613	472863.09	3850877.25	0.00872	0.00895	0.00826	0.0061	1.64E-05	7.9E-07	0.00018	6.8E-09	0.0002	2.01E-05	9.62145E-07	0.000221	3.82E-09	2.42E-04	1.77E-05	7.4E-07	0.000421	3.94E-09	0.000439
3614	473363.09	3850877.25	0.00855	0.00866	0.00815	0.00585	1.61E-05	7.6E-07	0.00018	6.5E-09	0.00019	1.97E-05	9.30969E-07	0.000218	3.66E-09	2.39E-04	1.74E-05	7.16E-07	0.000415	3.78E-09	0.000433
3615	473863.09	3850877.25	0.00934	0.00896	0.00887	0.00666	1.76E-05	7.9E-07	0.00019	7.4E-09	0.00021	2.15E-05	9.6322E-07	0.000237	4.17E-09	2.60E-04	1.9E-05	7.41E-07	0.000452	4.3E-09	0.000471
3616	474363.09	3850877.25	0.01044	0.00967	0.00989	0.00778	1.96E-05	8.5E-07	0.00021	8.7E-09	0.00024	2.40E-05	1.03955E-06	0.000265	4.87E-09	2.90E-04	2.12E-05	8E-07	0.000504	5.03E-09	0.000526
3617	474863.09	3850877.25	0.01125	0.01043	0.01077	0.00867	2.11E-05	9.1E-07	0.00023	9.7E-09	0.00026	2.59E-05	1.12125E-06	0.000288	5.42E-09	3.15E-04	2.28E-05	8.63E-07	0.000549	5.6E-09	0.000572
3618	475363.09	3850877.25	0.01212	0.01136	0.0118	0.00959	2.28E-05	1E-06	0.00026	1.1E-08	0.00028	2.79E-05	1.22123E-06	0.000316	6E-09	3.45E-04	2.46E-05	9.39E-07	0.000601	6.19E-09	0.000627
3619	475863.09	3850877.25	0.01311	0.01219	0.01293	0.01051	2.46E-05	1.1E-06	0.00028	1.2E-08	0.00031	3.02E-05	1.31045E-06	0.000346	6.57E-09	3.77E-04	2.66E-05	1.01E-06	0.000659	6.79E-09	0.000686
3620	476363.09	3850877.25	0.0141	0.0131	0.01389	0.01126	2.65E-05	1.1E-06	0.0003	1.3E-08	0.00033	3.25E-05	1.40828E-06	0.000371	7.04E-09	4.05E-04	2.86E-05	1.08E-06	0.000707	7.27E-09	0.000737
3621	476863.09	3850877.25	0.01501	0.01399	0.01464	0.01158	2.82E-05	1.2E-06	0.00032	1.3E-08	0.00035	3.46E-05	1.50396E-06	0.000392	7.24E-09	4.28E-04	3.05E-05	1.16E-06	0.000746	7.48E-09	0.000777
3622	477363.09	3850877.25	0.0158	0.01459	0.0152	0.01169	2.97E-05	1.3E-06	0.00033	1.3E-08	0.00036	3.64E-05	1.56846E-06	0.000407	7.31E-09	4.44E-04	3.21E-05	1.21E-06	0.000774	7.55E-09	0.000807
3623	477863.09	3850877.25	0.0164	0.01483	0.01566	0.0118	3.08E-05	1.3E-06	0.00034	1.3E-08	0.00037	3.78E-05	1.59426E-06	0.000419	7.38E-09	4.58E-04	3.33E-05	1.23E-06	0.000798	7.62E-09	0.000832
3624	478363.09	3850877.25	0.01679	0.01482	0.01607	0.01178	3.16E-05	1.3E-06	0.00035	1.3E-08	0.00038	3.87E-05	1.59318E-06	0.00043	7.37E-09	4.70E-04	3.41E-05	1.23E-06	0.000818	7.61E-09	0.000854
3625	478863.09	3850877.25	0.017	0.01458	0.01622	0.01161	3.19E-05	1.3E-06	0.00035	1.3E-08	0.00039	3.91E-05	1.56738E-06	0.000434	7.26E-09	4.75E-04	3.45E-05	1.21E-06	0.000826	7.5E-09	0.000862
3626	479363.09	3850877.25	0.01743	0.01484	0.01615	0.01079	3.28E-05	1.3E-06	0.00035	1.2E-08	0.00038	4.01E-05	1.59533E-06	0.000432	6.75E-09	4.74E-04	3.54E-05	1.23E-06	0.000823	6.97E-09	0.000859
3627	479863.09	3850877.25	0.01987	0.01786	0.01778	0.01149	3.73E-05	1.6E-06	0.00039	1.3E-08	0.00043	4.58E-05	1.91999E-06	0.000476	7.19E-09	5.23E-04	4.03E-05	1.48E-06	0.000906	7.42E-09	0.000947
3628	480363.09	3850877.25	0.02341	0.022	0.02225	0.01668	4.40E-05	1.9E-06	0.00048	1.9E-08	0.00053	5.39E-05	2.36505E-06	0.000595	1.04E-08	6.51E-04	4.75E-05	1.82E-06	0.001133	1.08E-08	0.001183
3629	480863.09	3850877.25	0.02435	0.02256	0.02412	0.018	4.58E-05	2E-06	0.00052	2E-08	0.00057	5.61E-05	2.42525E-06	0.000645	1.13E-08	7.04E-04	4.94E-05	1.87E-06	0.001228	1.16E-08	0.00128
3630	481363.09	3850877.25	0.02204	0.02044	0.02125	0.01417	4.14E-05	1.8E-06	0.00046	1.6E-08	0.0005	5.08E-05	2.19735E-06	0.000568	8.86E-09	6.21E-04	4.47E-05	1.69E-06	0.001082	9.15E-09	0.001129
3631	481863.09	3850877.25	0.01811	0.01762	0.01796	0.00985	3.40E-05	1.5E-06	0.00039	1.1E-08	0.00043	4.17E-05	1.89419E-06	0.00048	6.16E-09	5.24E-04	3.68E-05	1.46E-06	0.000915	6.36E-09	0.000953
3632	482363.09	3850877.25	0.01409	0.0132	0.01454	0.0069	2.65E-05	1.2E-06	0.00032	7.7E-09	0.00034	3.24E-05	1.41903E-06	0.000389	4.32E-09	4.23E-04	2.86E-05	1.09E-06	0.000741	4.46E-09	0.00077
3633	482863.09	3850877.25	0.01094	0.00975	0.01133	0.00569	2.06E-05	8.6E-07	0.00025	6.4E-09	0.00027	2.52E-05	1.04815E-06	0.000303	3.56E-09	3.29E-04	2.22E-05	8.06E-07	0.000577	3.68E-09	0.0006
3634	483363.09	3850877.25	0.00813	0.00769	0.00841	0.00451	1.53E-05	6.7E-07	0.00018	5E-09	0.0002	1.87E-05	8.26692E-07	0.000225	2.82E-09	2.44E-04	1.65E-05	6.36E-07	0.000428	2.91E-09	0.000445
3635	483863.09	3850877.25	0.00787	0.00795	0.00802	0.00444	1.48E-05	7E-07	0.00017	5E-09	0.00019	1.81E-05	8.54643E-07	0.000215	2.78E-09	2.33E-04	1.6E-05	6.57E-07	0.000408	2.87E-09	0.000425
3636	484363.09	3850877.25	0.00921	0.00796	0.00959	0.00499	1.73E-05	7E-07	0.00021	5.6E-09	0.00023	2.12E-05	8.55718E-07	0.000256	3.12E-09	2.79E-04	1.87E-05	6.58E-07	0.000488	3.22E-09	0.000508
3637	484863.09	3850877.25	0.00899	0.00735	0.00954	0.00479	1.69E-05	6.4E-07	0.00021	5.4E-09	0.00022	2.07E-05	7.90141E-07	0.000255	3E-09	2.77E-04	1.83E-05	6.08E-07	0.000486	3.09E-09	0.000505
3638	485363.09	3850877.25	0.00936	0.00843	0.00941	0.00487	1.76E-05	7.4E-07	0.0002	5.4E-09	0.00022	2.16E-05	9.06244E-07	0.000252	3.05E-09	2.74E-04	1.9E-05	6.97E-07	0.000479	3.15E-09	0.000499
3639	485863.09	3850877.25	0.0078	0.00695	0.00779	0.00417	1.47E-05	6.1E-07	0.00017	4.7E-09	0.00018	1.80E-05	7.47141E-07	0.000208	2.61E-09	2.27E-04	1.58E-05	5.75E-07	0.000397	2.69E-09	0.000413
3640	486363.09	3850877.25	0.00801	0.00764	0.00766	0.0042	1.51E-05	6.7E-07	0.00017	4.7E-09	0.00018	1.84E-05	8.21317E-07	0.000205	2.63E-09	2.24E-04	1.63E-05	6.32E-07	0.00039	2.71E-09	0.000407
3641	486863.09	3850877.25	0.0077	0.0067	0.00722	0.00397	1.45E-05	5.9E-07	0.00016	4.4E-09	0.00017	1.77E-05	7.20265E-07	0.000193	2.48E-09	2.12E-04	1.56E-05	5.54E-07	0.000368	2.56E-09	0.000384
3642	487363.09	3850877.25	0.00732	0.00733	0.00645	0.00364	1.38E-05	6.4E-07	0.00014	4.1E-09	0.00015	1.69E-05	7.87991E-07	0.000173	2.28E-09	1.90E-04	1.49E-05	6.06E-07	0.000329	2.35E-09	0.000344
3643	487863.09	3850877.25	0.00744	0.0075	0.00647	0.00358	1.40E-05	6.6E-07	0.00014	4E-09	0.00016	1.71E-05	8.06267E-07	0.000173	2.24E-09	1.91E-04	1.51E-05	6.2E-07	0.00033	2.31E-09	0.000345
3644	488363.09	3850877.25	0.00763	0.00709	0.00665	0.00362	1.43E-05	6.2E-07	0.00014	4E-09	0.00016	1.76E-05	7.62191E-07	0.000178	2.26E-09	1.96E-04	1.55E-05	5.86E-07	0.000339	2.34E-09	0.000355
3645	488863.09	3850877.25	0.0077	0.00743	0.00655	0.00374	1.45E-05	6.5E-07	0.00014	4.2E-09	0.00016	1.77E-05	7.98742E-07	0.000175	2.34E-09	1.94E-04	1.56E-05	6.14E-07	0.000334	2.42E-09	0.00035
3646	489363.09	3850877.25	0.00786	0.00753	0.00655	0.00384	1.48E-05	6.6E-07	0.00014	4.3E-09	0.00016	1.81E-05	8.09492E-07	0.000175	2.4E-09	1.94E-04	1.6E-05	6.23E-07	0.000334	2.48E-09	0.00035
3647	489863.09	3850877.25	0.00795	0.00746	0.00646	0.00393	1.49E-05	6.5E-07	0.00014	4.4E-09	0.00016	1.83E-05	8.01967E-07	0.000173	2.46E-09	1.92E-04	1.61E-05	6.17E-07	0.000329	2.54E-09	0.000346
3648	490363.09	3850877.25	0.00825	0.00831	0.00664	0.00404	1.55E-05	7.3E-07	0.00014	4.5E-09	0.00016	1.90E-05	8.93344E-07	0.000178	2.53E-09	1.97E-04	1.68E-05	6.87E-07	0.000338	2.61E-09	0.000356
3649	490863.09	3850877.25	0.00854	0.00901	0.00691	0.00415	1.60E-05	7.9E-07	0.00015	4.6E-09	0.00017	1.97E-05	9.68595E-07	0.000185	2.6E-09	2.05E-04	1.73E-05	7.45E-07	0.000352	2.68E-09	0.00037
3650	491363.09	3850877.25	0.00852	0.00919	0.00705	0.00429	1.60E-05	8.1E-07	0.00015	4.8E-09	0.00017	1.96E-05	9.87946E-07	0.000189	2.68E-09	2.09E-04	1.73E-05	7.6E-07	0.000359	2.77E-09	0.000377
3651	491863.09	3850877.25	0.00838	0.0091	0.00705	0.00445	1.57E-05	8E-07	0.00015	5E-09	0.00017	1.93E-05	9.7827E-07	0.000189	2.78E-09	2.09E-04	1.7E-05	7.53E-07	0.000359	2.87E-09	0.000377
3652	492363.09	3850877.25	0.00828	0.00923	0.00704	0.00466	1.56E-05	8.1E-07	0.00015	5.2E-09	0.00017	1.91E-05	9.92246E-07	0.000188	2.91E-09	2.08E-04	1.68E-05	7.63E-07	0.000359	3.01E-09	0.000376
3653	492863.09	3850877.25	0.00833	0.00923	0.00717	0.00493	1.57E-05	8.1E-07	0.00016	5.5E-09	0.00017	1.92E-05	9.92246E-07	0.000192	3.08E-09	2.12E-04	1.69E-05	7.63E-07	0.000365	3.18E-09	0.000383
3654	493363.09	3850877.25	0.00858	0.00943	0.00757	0.00527	1.61E-05	8.3E-07	0.00016	5.9E-09	0.00018	1.98E-05	1.01375E-06	0.000202	3.3E-09	2.23E-04	1.74E-05	7.8E-07	0.000386	3.4E-09	0.000404
3655	493863.09	3850877.25	0.00962	0.01048	0.00868	0.00591	1.81E-05	9.2E-07	0.00019	6.6E-09	0.00021	2.22E-05	1.12662E-06	0.000232	3.7E-09	2.55E-04	1.95E-05	8.67E-07	0.000442	3.82E-09	0.000462
3656	494363.09	3850877.25	0.01022	0.01096	0.0094	0.00641	1.92E-05	9.6E-07	0.0002	7.2E-09	0.00022	2.35E-05	1.17822E-06	0.000251	4.01E-09	2.76E-04	2.08E-05	9.06E-07	0.000479	4.14E-09	0.0005

3657	494863.09	3850877.25	0.01145	0.01201	0.01075	0.00723	2.15E-05	1.1E-06	0.00023	8.1E-09	0.00026	2.64E-05	1.2911E-06	0.000288	4.52E-09	3.15E-04	2.32E-05	9.93E-07	0.000548	4.67E-09	0.000572
3658	495363.09	3850877.25	0.0128	0.01307	0.01228	0.00813	2.41E-05	1.1E-06	0.00027	9.1E-09	0.00029	2.95E-05	1.40505E-06	0.000328	5.08E-09	3.59E-04	2.6E-05	1.08E-06	0.000625	5.25E-09	0.000653
3659	495863.09	3850877.25	0.01316	0.01332	0.01278	0.00859	2.47E-05	1.2E-06	0.00028	9.6E-09	0.0003	3.03E-05	1.43193E-06	0.000342	5.37E-09	3.74E-04	2.67E-05	1.1E-06	0.000651	5.55E-09	0.000679
3660	496363.09	3850877.25	0.01395	0.01416	0.01368	0.00928	2.62E-05	1.2E-06	0.0003	1E-08	0.00032	3.21E-05	1.52223E-06	0.000366	5.8E-09	4.00E-04	2.83E-05	1.17E-06	0.000697	5.99E-09	0.000726
3661	496863.09	3850877.25	0.0152	0.01554	0.01505	0.01017	2.86E-05	1.4E-06	0.00033	1.1E-08	0.00036	3.50E-05	1.67058E-06	0.000403	6.36E-09	4.39E-04	3.09E-05	1.29E-06	0.000767	6.57E-09	0.000799
3662	497363.09	3850877.25	0.01536	0.01587	0.01531	0.01054	2.89E-05	1.4E-06	0.00033	1.2E-08	0.00036	3.54E-05	1.70606E-06	0.000409	6.59E-09	4.47E-04	3.12E-05	1.31E-06	0.00078	6.81E-09	0.000812
3663	497863.09	3850877.25	0.01515	0.0157	0.01518	0.01071	2.85E-05	1.4E-06	0.00033	1.2E-08	0.00036	3.49E-05	1.68779E-06	0.000406	6.7E-09	4.43E-04	3.08E-05	1.3E-06	0.000773	6.92E-09	0.000805
3664	498363.09	3850877.25	0.01491	0.01541	0.01494	0.01079	2.80E-05	1.4E-06	0.00032	1.2E-08	0.00035	3.43E-05	1.65661E-06	0.0004	6.75E-09	4.36E-04	3.03E-05	1.27E-06	0.000761	6.97E-09	0.000792
3665	471363.09	3851377.25	0.00711	0.00684	0.00748	0.0051	1.34E-05	6E-07	0.00016	5.7E-09	0.00018	1.64E-05	7.35315E-07	0.0002	3.19E-09	2.17E-04	1.44E-05	5.66E-07	0.000381	3.29E-09	0.000396
3666	471863.09	3851377.25	0.00849	0.00808	0.00882	0.00616	1.60E-05	7.1E-07	0.00019	6.9E-09	0.00021	1.96E-05	8.68618E-07	0.000236	3.85E-09	2.56E-04	1.72E-05	6.68E-07	0.000449	3.98E-09	0.000467
3667	472363.09	3851377.25	0.00876	0.00853	0.00901	0.00615	1.65E-05	7.5E-07	0.0002	6.9E-09	0.00021	2.02E-05	9.16994E-07	0.000241	3.85E-09	2.62E-04	1.78E-05	7.05E-07	0.000459	3.97E-09	0.000477
3668	472863.09	3851377.25	0.00906	0.00913	0.00911	0.00615	1.70E-05	8E-07	0.0002	6.9E-09	0.00022	2.09E-05	9.81495E-07	0.000244	3.85E-09	2.66E-04	1.84E-05	7.55E-07	0.000464	3.97E-09	0.000483
3669	473363.09	3851377.25	0.00862	0.00897	0.0085	0.00555	1.62E-05	7.9E-07	0.00018	6.2E-09	0.0002	1.99E-05	9.64295E-07	0.000227	3.47E-09	2.48E-04	1.75E-05	7.42E-07	0.000433	3.59E-09	0.000451
3670	473863.09	3851377.25	0.00907	0.00958	0.00874	0.0058	1.70E-05	8.4E-07	0.00019	6.5E-09	0.00021	2.09E-05	1.02987E-06	0.000234	3.63E-09	2.56E-04	1.84E-05	7.92E-07	0.000445	3.75E-09	0.000464
3671	474363.09	3851377.25	0.01026	0.01056	0.0097	0.00684	1.93E-05	9.3E-07	0.00021	7.6E-09	0.00023	2.36E-05	1.13522E-06	0.000259	4.28E-09	2.84E-04	2.08E-05	8.73E-07	0.000494	4.42E-09	0.000516
3672	474863.09	3851377.25	0.01124	0.01092	0.01052	0.00783	2.11E-05	9.6E-07	0.00023	8.7E-09	0.00025	2.59E-05	1.17392E-06	0.000281	4.9E-09	3.08E-04	2.28E-05	9.03E-07	0.000536	5.06E-09	0.00056
3673	475363.09	3851377.25	0.0123	0.01148	0.01151	0.00888	2.31E-05	1E-06	0.00025	9.9E-09	0.00027	2.83E-05	1.23413E-06	0.000308	5.55E-09	3.37E-04	2.5E-05	9.49E-07	0.000586	5.74E-09	0.000612
3674	475863.09	3851377.25	0.01326	0.01231	0.01257	0.00995	2.49E-05	1.1E-06	0.00027	1.1E-08	0.0003	3.05E-05	1.32335E-06	0.000336	6.22E-09	3.68E-04	2.69E-05	1.02E-06	0.00064	6.43E-09	0.000668
3675	476363.09	3851377.25	0.01436	0.01342	0.01386	0.01107	2.70E-05	1.2E-06	0.0003	1.2E-08	0.00033	3.31E-05	1.44268E-06	0.000371	6.92E-09	4.05E-04	2.92E-05	1.11E-06	0.000706	7.15E-09	0.000736
3676	476863.09	3851377.25	0.01539	0.0144	0.01511	0.01186	2.89E-05	1.3E-06	0.00033	1.3E-08	0.00036	3.54E-05	1.54803E-06	0.000404	7.42E-09	4.41E-04	3.12E-05	1.19E-06	0.00077	7.66E-09	0.000802
3677	477363.09	3851377.25	0.01693	0.01568	0.0165	0.01321	3.18E-05	1.4E-06	0.00036	1.5E-08	0.00039	3.90E-05	1.68564E-06	0.000441	8.26E-09	4.82E-04	3.44E-05	1.3E-06	0.00084	8.53E-09	0.000876
3678	477863.09	3851377.25	0.01815	0.01683	0.01745	0.01363	3.41E-05	1.5E-06	0.00038	1.5E-08	0.00041	4.18E-05	1.80926E-06	0.000467	8.52E-09	5.10E-04	3.69E-05	1.39E-06	0.000889	8.8E-09	0.000927
3679	478363.09	3851377.25	0.01913	0.01754	0.01813	0.01368	3.59E-05	1.5E-06	0.00039	1.5E-08	0.00043	4.41E-05	1.88559E-06	0.000485	8.56E-09	5.31E-04	3.88E-05	1.45E-06	0.000923	8.84E-09	0.000964
3680	478863.09	3851377.25	0.01987	0.01771	0.01867	0.01381	3.73E-05	1.6E-06	0.00041	1.5E-08	0.00044	4.58E-05	1.90386E-06	0.000499	8.64E-09	5.47E-04	4.03E-05	1.46E-06	0.000951	8.92E-09	0.000993
3681	479363.09	3851377.25	0.02026	0.01753	0.01902	0.01368	3.81E-05	1.5E-06	0.00041	1.5E-08	0.00045	4.67E-05	1.88451E-06	0.000509	8.56E-09	5.57E-04	4.11E-05	1.45E-06	0.000969	8.84E-09	0.001011
3682	479863.09	3851377.25	0.02082	0.01752	0.01892	0.01302	3.91E-05	1.5E-06	0.00041	1.5E-08	0.00045	4.79E-05	1.88344E-06	0.000506	8.14E-09	5.56E-04	4.23E-05	1.45E-06	0.000964	8.41E-09	0.001007
3683	480363.09	3851377.25	0.0237	0.02078	0.02068	0.01385	4.45E-05	1.8E-06	0.00045	1.5E-08	0.0005	5.46E-05	2.2339E-06	0.000553	8.66E-09	6.10E-04	4.81E-05	1.72E-06	0.001053	8.95E-09	0.001103
3684	480863.09	3851377.25	0.02788	0.026	0.02598	0.01981	5.24E-05	2.3E-06	0.00056	2.2E-08	0.00062	6.42E-05	2.79506E-06	0.000695	1.24E-08	7.62E-04	5.66E-05	2.15E-06	0.001323	1.28E-08	0.001382
3685	481363.09	3851377.25	0.0294	0.02626	0.02846	0.02205	5.52E-05	2.3E-06	0.00062	2.5E-08	0.00068	6.77E-05	2.82301E-06	0.000761	1.38E-08	8.32E-04	5.97E-05	2.17E-06	0.001449	1.42E-08	0.001511
3686	481863.09	3851377.25	0.02608	0.0243	0.02511	0.01622	4.90E-05	2.1E-06	0.00055	1.8E-08	0.0006	6.01E-05	2.6123E-06	0.000672	1.01E-08	7.34E-04	5.3E-05	2.01E-06	0.001279	1.05E-08	0.001334
3687	482363.09	3851377.25	0.02251	0.02155	0.02213	0.01168	4.23E-05	1.9E-06	0.00048	1.3E-08	0.00052	5.18E-05	2.31667E-06	0.000592	7.31E-09	6.46E-04	4.57E-05	1.78E-06	0.001127	7.54E-09	0.001175
3688	482863.09	3851377.25	0.01754	0.01543	0.01791	0.00843	3.30E-05	1.4E-06	0.00039	9.4E-09	0.00042	4.04E-05	1.65876E-06	0.000479	5.27E-09	5.21E-04	3.56E-05	1.28E-06	0.000912	5.45E-09	0.000949
3689	483363.09	3851377.25	0.01241	0.01149	0.01267	0.00618	2.33E-05	1E-06	0.00028	6.9E-09	0.0003	2.86E-05	1.2352E-06	0.000339	3.87E-09	3.69E-04	2.52E-05	9.5E-07	0.000645	3.99E-09	0.000671
3690	483863.09	3851377.25	0.01079	0.01066	0.01101	0.0056	2.03E-05	9.4E-07	0.00024	6.3E-09	0.00026	2.48E-05	1.14597E-06	0.000294	3.5E-09	3.20E-04	2.19E-05	8.82E-07	0.000561	3.62E-09	0.000584
3691	484363.09	3851377.25	0.01356	0.01235	0.01396	0.00672	2.55E-05	1.1E-06	0.0003	7.5E-09	0.00033	3.12E-05	1.32765E-06	0.000373	4.2E-09	4.06E-04	2.75E-05	1.02E-06	0.000711	4.34E-09	0.00074
3692	484863.09	3851377.25	0.00944	0.0076	0.00969	0.00511	1.77E-05	6.7E-07	0.00021	5.7E-09	0.00023	2.17E-05	8.17017E-07	0.000259	3.2E-09	2.82E-04	1.92E-05	6.29E-07	0.000494	3.3E-09	0.000513
3693	485363.09	3851377.25	0.01257	0.01146	0.01258	0.00598	2.36E-05	1E-06	0.00027	6.7E-09	0.0003	2.89E-05	1.23198E-06	0.000336	3.74E-09	3.67E-04	2.55E-05	9.48E-07	0.000641	3.86E-09	0.000667
3694	485863.09	3851377.25	0.0102	0.00861	0.00998	0.00503	1.92E-05	7.6E-07	0.00022	5.6E-09	0.00024	2.35E-05	9.25594E-07	0.000267	3.15E-09	2.91E-04	2.07E-05	7.12E-07	0.000508	3.25E-09	0.00053
3695	486363.09	3851377.25	0.01105	0.01065	0.01025	0.00516	2.08E-05	9.3E-07	0.00022	5.8E-09	0.00024	2.54E-05	1.1449E-06	0.000274	3.23E-09	3.01E-04	2.24E-05	8.81E-07	0.000522	3.33E-09	0.000545
3696	486863.09	3851377.25	0.01047	0.00956	0.00915	0.00475	1.97E-05	8.4E-07	0.0002	5.3E-09	0.00022	2.41E-05	1.02772E-06	0.000245	2.97E-09	2.70E-04	2.13E-05	7.91E-07	0.000466	3.07E-09	0.000488
3697	487363.09	3851377.25	0.009	0.00915	0.00748	0.00406	1.69E-05	8E-07	0.00016	4.5E-09	0.00018	2.07E-05	9.83646E-07	0.0002	2.54E-09	2.22E-04	1.83E-05	7.57E-07	0.000381	2.62E-09	0.0004
3698	487863.09	3851377.25	0.0101	0.00952	0.00846	0.00432	1.90E-05	8.4E-07	0.00018	4.8E-09	0.0002	2.33E-05	1.02342E-06	0.000226	2.7E-09	2.51E-04	2.05E-05	7.87E-07	0.000431	2.79E-09	0.000452
3699	488363.09	3851377.25	0.01051	0.00946	0.00869	0.00449	1.98E-05	8.3E-07	0.00019	5E-09	0.00021	2.42E-05	1.01697E-06	0.000232	2.81E-09	2.58E-04	2.13E-05	7.82E-07	0.000443	2.9E-09	0.000465
3700	488863.09	3851377.25	0.01066	0.01009	0.00856	0.00461	2.00E-05	8.9E-07	0.00019	5.2E-09	0.00021	2.45E-05	1.0847E-06	0.000229	2.88E-09	2.55E-04	2.16E-05	8.34E-07	0.000436	2.98E-09	0.000458
3701	489363.09	3851377.25	0.01098	0.01077	0.00856	0.00479	2.06E-05	9.4E-07	0.00019	5.4E-09	0.00021	2.53E-05	1.1578E-06	0.000229	3E-09	2.55E-04	2.23E-05	8.91E-07	0.000436	3.09E-09	0.000459
3702	489863.09	3851377.25	0.0113	0.01162	0.00879	0.00493	2.12E-05	1E-06	0.00019	5.5E-09	0.00021	2.60E-05	1.24918E-06	0.000235	3.08E-09	2.62E-04	2.29E-05	9.61E-07	0.000448	3.18E-09	0.000472
3703	490363.09	3851377.25	0.01167	0.01275	0.00927	0.0051	2.19E-05	1.1E-06	0.0002	5.7E-09	0.00022	2.69E-05	1.37065E-06	0.000248	3.19E-09	2.76E-04	2.37E-05	1.05E-06	0.000472	3.29E-09	0.000497
3704	490863.09	3851377.25	0.01191	0.01274	0.00971	0.0054	2.24E-05	1.1E-06	0.00021	6E-09	0.00023	2.74E-05	1.36958E-06	0.00026	3.38E-09	2.88E-04	2.42E-05	1.05E-06	0.000495	3.49E-09	0.00052
3705	491363.09	3851377.25	0.0118	0.01282	0.00975	0.00571	2.22E-05	1.1E-06	0.00021	6.4E-09	0.00024	2.72E-05	1.37818E-06	0.000261	3.57E-09	2.89E-04	2.4E-05	1.06E-06	0.000497	3.69E-09	0.000522
3706	491863.09	3851377.25	0.01178	0.01314	0.00989	0.00601	2.21E-05	1.2E-06	0.00021	6.7E-09	0.00024	2.71E-05	1.41258E-06	0.000265	3.76E-09	2.93E-04	2.39E-05	1.09E-06	0.000504	3.88E-09	0.000529
3707	492363.09	3851377.25	0.01195	0.01343	0.01026	0.00642	2.25E-05	1.2E-06	0.00022	7.2E-09	0.00025	2.75E-05	1.44376E-06	0.000274	4.02E-09	3.03E-04	2.43E-05	1.11E-06	0.000523	4.15E-09	0.000548
3708	492863.09	3851377.25	0.0118	0.01307	0.01043	0.00674	2.22E-05	1.1E-06	0.00023	7.5E-09	0.00025	2.72E-05	1.40505E-06	0.000279	4.22E-09	3.08E-04	2.4E-05	1.08E-06	0.000531	4.35E-09	0.000556
3709	493363.09	3851377.25	0.01074	0.01168	0.0097	0.00667	2.02E-05	1E-06	0.00021	7.5E-09	0.00023	2.47E-05	1.25563E-06	0.000259	4.17E-09	2.85E-04	2.18E-05	9.66E-07	0.000494	4.31E-09	0.000517
3710	493863.09	3851377.25	0.01191	0.01266	0.01101	0.00746	2.24E-05	1.1E-06	0.00024	8.3E-09	0.00026	2.74E-05	1.36098E-06	0.000294	4.67E-09	3.23E-04	2.42E-05	1.05E-06	0.000561	4.82E-09	0.000586
3711	494363.09	3851377.25	0.01435	0.0148	0.01355	0.00886	2.70E-05	1.3E-06	0.00029	9.9E-09	0.00032	3.30E-05	1.59103E-06	0.000362	5.54E-09	3.97E-04	2.91E-05	1.22E-06	0.00069	5.72E-09	0.00072
3712	494863.09	3851377.25	0.01505	0.01526	0.01443	0.00954	2.83E-05	1.3E-06	0.00031	1.1E-08	0.00034	3.47E-05	1.64048E-06	0.000386	5.97E-09	4.22E-04	3.06E-05	1.26E-06	0.000735	6.16E-09	0.000767
3713	495363.09	3851377.25	0.01755	0.01781	0.01711	0.01106	3.30E-05	1.6E-06	0.00037	1.2E-08	0.00041	4.04E-05	1.91461E-06	0.000458	6.92E-09	5.00E-04	3.56E-05	1.47E-06	0.000871	7.14E-09	0.000909
3714	495863.09	3851377.25	0.01853	0.01891	0.01829	0.01188	3.48E-05	1.7E-06	0.0004	1.3E-08	0.00043	4.27E-05	2.03287E-06	0.000489	7.43E-09	5.34E-04	3.76E-05	1.56E-06	0.000932	7.67E-09	0.000971
3715	496363.09	3851377.25	0.019	0.01953	0.01891	0.01248	3.57E-05	1.7E-06	0.00041	1.4E-08	0.00045	4.38E-05	2.09952E-06	0.000506	7.81E-09	5.52E-04	3.86E-05	1.62E-06	0.000963	8.06E-09	0.001003
3716	496863.09	3851377.25	0.01911	0.01978	0.01913	0.01291	3.59E-05	1.7E-06	0.00042	1.4E-08	0.00045	4.40E-05	2.12639E-06	0.000512	8.07E-09	5.58E-04	3.88E-05	1.64E-06	0.000974	8.34E-09	0.001015
3717	497363.09	3851377.25	0.01911	0.0198	0.01917	0.01321	3.59E-05	1.7E-06	0.00042	1.5E-08	0.00045	4.40E-05	2.12854E-06	0.000513	8.26E-09	5.59E-04	3.88E-05	1.64E-06	0.000976	8.53E-09	0.001017

3718	497863.09	3851377.25	0.01875	0.01933	0.0189	0.0133	3.52E-05	1.7E-06	0.00041	1.5E-08	0.00045	4.32E-05	2.07802E-06	0.000505	8.32E-09	5.51E-04	3.81E-05	1.6E-06	0.000963	8.59E-09	0.001002
3719	498363.09	3851377.25	0.0177	0.0182	0.01793	0.01298	3.33E-05	1.6E-06	0.00039	1.5E-08	0.00042	4.08E-05	1.95654E-06	0.00048	8.12E-09	5.22E-04	3.59E-05	1.51E-06	0.000913	8.38E-09	0.000951
3720	471363.09	3851877.25	0.00788	0.00831	0.00793	0.00551	1.48E-05	7.3E-07	0.00017	6.2E-09	0.00019	1.81E-05	8.93344E-07	0.000212	3.45E-09	2.31E-04	1.6E-05	6.87E-07	0.000404	3.56E-09	0.000421
3721	471863.09	3851877.25	0.00778	0.00795	0.00795	0.00542	1.46E-05	7E-07	0.00017	6.1E-09	0.00019	1.79E-05	8.54643E-07	0.000213	3.39E-09	2.31E-04	1.58E-05	6.57E-07	0.000405	3.5E-09	0.000421
3722	472363.09	3851877.25	0.00869	0.00849	0.00893	0.00611	1.63E-05	7.4E-07	0.00019	6.8E-09	0.00021	2.00E-05	9.12694E-07	0.000239	3.82E-09	2.60E-04	1.76E-05	7.02E-07	0.000455	3.95E-09	0.000473
3723	472863.09	3851877.25	0.00951	0.00903	0.0098	0.00669	1.79E-05	7.9E-07	0.00021	7.5E-09	0.00023	2.19E-05	9.70745E-07	0.000262	4.18E-09	2.85E-04	1.93E-05	7.47E-07	0.000499	4.32E-09	0.000519
3724	473363.09	3851877.25	0.0092	0.00866	0.00956	0.00625	1.73E-05	7.6E-07	0.00021	7E-09	0.00023	2.12E-05	9.30969E-07	0.000256	3.91E-09	2.78E-04	1.87E-05	7.16E-07	0.000487	4.04E-09	0.000506
3725	473863.09	3851877.25	0.00956	0.00927	0.00984	0.0063	1.80E-05	8.1E-07	0.00021	7E-09	0.00023	2.20E-05	9.96546E-07	0.000263	3.94E-09	2.86E-04	1.94E-05	7.67E-07	0.000501	4.07E-09	0.000521
3726	474363.09	3851877.25	0.01094	0.01109	0.01087	0.00714	2.06E-05	9.7E-07	0.00024	8E-09	0.00026	2.52E-05	1.1922E-06	0.000291	4.47E-09	3.17E-04	2.22E-05	9.17E-07	0.000554	4.61E-09	0.000577
3727	474863.09	3851877.25	0.01214	0.01263	0.01163	0.00807	2.28E-05	1.1E-06	0.00025	9E-09	0.00028	2.80E-05	1.35775E-06	0.000311	5.05E-09	3.40E-04	2.46E-05	1.04E-06	0.000592	5.21E-09	0.000618
3728	475363.09	3851877.25	0.01288	0.0133	0.01208	0.00862	2.42E-05	1.2E-06	0.00026	9.6E-09	0.00029	2.97E-05	1.42978E-06	0.000323	5.39E-09	3.54E-04	2.62E-05	1.1E-06	0.000615	5.57E-09	0.000642
3729	475863.09	3851877.25	0.01352	0.01346	0.01252	0.00903	2.54E-05	1.2E-06	0.00027	1E-08	0.0003	3.11E-05	1.44698E-06	0.000335	5.65E-09	3.67E-04	2.75E-05	1.11E-06	0.000638	5.83E-09	0.000666
3730	476363.09	3851877.25	0.01377	0.01336	0.01277	0.00914	2.59E-05	1.2E-06	0.00028	1E-08	0.0003	3.17E-05	1.43623E-06	0.000342	5.72E-09	3.75E-04	2.8E-05	1.1E-06	0.00065	5.9E-09	0.000679
3731	476863.09	3851877.25	0.01511	0.0145	0.0142	0.01065	2.84E-05	1.3E-06	0.00031	1.2E-08	0.00034	3.48E-05	1.55878E-06	0.00038	6.66E-09	4.16E-04	3.07E-05	1.2E-06	0.000723	6.88E-09	0.000755
3732	477363.09	3851877.25	0.01676	0.01592	0.01608	0.01222	3.15E-05	1.4E-06	0.00035	1.4E-08	0.00038	3.86E-05	1.71144E-06	0.00043	7.64E-09	4.70E-04	3.4E-05	1.32E-06	0.000819	7.89E-09	0.000854
3733	477863.09	3851877.25	0.01853	0.01742	0.01803	0.0135	3.48E-05	1.5E-06	0.00039	1.5E-08	0.00043	4.27E-05	1.87269E-06	0.000482	8.44E-09	5.27E-04	3.76E-05	1.44E-06	0.000918	8.72E-09	0.000957
3734	478363.09	3851877.25	0.02005	0.01925	0.01945	0.01407	3.77E-05	1.7E-06	0.00042	1.6E-08	0.00046	4.62E-05	2.06942E-06	0.00052	8.8E-09	5.68E-04	4.07E-05	1.59E-06	0.000991	9.09E-09	0.001033
3735	478863.09	3851877.25	0.0221	0.02085	0.02095	0.01511	4.15E-05	1.8E-06	0.00045	1.7E-08	0.0005	5.09E-05	2.24142E-06	0.00056	9.45E-09	6.13E-04	4.49E-05	1.72E-06	0.001067	9.76E-09	0.001114
3736	479363.09	3851877.25	0.02382	0.02166	0.02211	0.01617	4.48E-05	1.9E-06	0.00048	1.8E-08	0.00053	5.49E-05	2.3285E-06	0.000591	1.01E-08	6.49E-04	4.84E-05	1.79E-06	0.001126	1.04E-08	0.001176
3737	479863.09	3851877.25	0.02465	0.02155	0.02263	0.01645	4.63E-05	1.9E-06	0.00049	1.8E-08	0.00054	5.68E-05	2.31667E-06	0.000605	1.03E-08	6.64E-04	5E-05	1.78E-06	0.001153	1.06E-08	0.001204
3738	480363.09	3851877.25	0.02538	0.02141	0.02271	0.01577	4.77E-05	1.9E-06	0.00049	1.8E-08	0.00054	5.84E-05	2.30162E-06	0.000607	9.86E-09	6.68E-04	5.15E-05	1.77E-06	0.001157	1.02E-08	0.00121
3739	480863.09	3851877.25	0.02874	0.02484	0.02427	0.01624	5.40E-05	2.2E-06	0.00053	1.8E-08	0.00058	6.62E-05	2.67036E-06	0.000649	1.02E-08	7.18E-04	5.84E-05	2.05E-06	0.001236	1.05E-08	0.001297
3740	481363.09	3851877.25	0.03379	0.03128	0.03074	0.02359	6.35E-05	2.7E-06	0.00067	2.6E-08	0.00073	7.78E-05	3.36267E-06	0.000822	1.48E-08	9.03E-04	6.86E-05	2.59E-06	0.001566	1.52E-08	0.001637
3741	481863.09	3851877.25	0.03593	0.03174	0.03404	0.02544	6.75E-05	2.8E-06	0.00074	2.8E-08	0.00081	8.27E-05	3.41212E-06	0.00091	1.59E-08	9.97E-04	7.3E-05	2.62E-06	0.001734	1.64E-08	0.001809
3742	482363.09	3851877.25	0.02876	0.02816	0.02764	0.0151	5.40E-05	2.5E-06	0.0006	1.7E-08	0.00066	6.62E-05	3.02726E-06	0.000739	9.44E-09	8.09E-04	5.84E-05	2.33E-06	0.001408	9.75E-09	0.001468
3743	482863.09	3851877.25	0.01998	0.01837	0.02037	0.00899	3.75E-05	1.6E-06	0.00044	1E-08	0.00048	4.60E-05	1.97482E-06	0.000545	5.62E-09	5.93E-04	4.06E-05	1.52E-06	0.001037	5.81E-09	0.00108
3744	483363.09	3851877.25	0.02004	0.01883	0.02008	0.0092	3.77E-05	1.7E-06	0.00044	1E-08	0.00048	4.61E-05	2.02427E-06	0.000537	5.75E-09	5.85E-04	4.07E-05	1.56E-06	0.001023	5.94E-09	0.001065
3745	483863.09	3851877.25	0.01817	0.01805	0.01831	0.00806	3.41E-05	1.6E-06	0.0004	9E-09	0.00043	4.18E-05	1.94042E-06	0.00049	5.04E-09	5.34E-04	3.69E-05	1.49E-06	0.000933	5.21E-09	0.000971
3746	484363.09	3851877.25	0.01926	0.01785	0.01937	0.00874	3.62E-05	1.6E-06	0.00042	9.8E-09	0.00046	4.44E-05	1.91891E-06	0.000518	5.47E-09	5.64E-04	3.91E-05	1.48E-06	0.000987	5.65E-09	0.001027
3747	484863.09	3851877.25	0.01661	0.01269	0.01667	0.00761	3.12E-05	1.1E-06	0.00036	8.5E-09	0.00039	3.82E-05	1.3642E-06	0.000446	4.76E-09	4.85E-04	3.37E-05	1.05E-06	0.000849	4.92E-09	0.000884
3748	485363.09	3851877.25	0.0169	0.01475	0.01634	0.00728	3.18E-05	1.3E-06	0.00035	8.1E-09	0.00039	3.89E-05	1.58566E-06	0.000437	4.55E-09	4.78E-04	3.43E-05	1.22E-06	0.000832	4.7E-09	0.000868
3749	485863.09	3851877.25	0.01695	0.01395	0.0158	0.00703	3.19E-05	1.2E-06	0.00034	7.9E-09	0.00038	3.90E-05	1.49966E-06	0.000423	4.4E-09	4.63E-04	3.44E-05	1.15E-06	0.000805	4.54E-09	0.00084
3750	486363.09	3851877.25	0.01471	0.01373	0.01255	0.00602	2.76E-05	1.2E-06	0.00027	6.7E-09	0.0003	3.39E-05	1.47601E-06	0.000336	3.77E-09	3.71E-04	2.99E-05	1.14E-06	0.000639	3.89E-09	0.00067
3751	486863.09	3851877.25	0.01457	0.01387	0.0119	0.00569	2.74E-05	1.2E-06	0.00026	6.4E-09	0.00029	3.36E-05	1.49106E-06	0.000318	3.56E-09	3.53E-04	2.96E-05	1.15E-06	0.000606	3.68E-09	0.000637
3752	487363.09	3851877.25	0.01444	0.01387	0.01158	0.00533	2.71E-05	1.2E-06	0.00025	6E-09	0.00028	3.33E-05	1.49106E-06	0.00031	3.33E-09	3.44E-04	2.93E-05	1.15E-06	0.00059	3.44E-09	0.00062
3753	487863.09	3851877.25	0.01269	0.01141	0.00976	0.00505	2.38E-05	1E-06	0.00021	5.6E-09	0.00024	2.92E-05	1.2266E-06	0.000261	3.16E-09	2.91E-04	2.58E-05	9.44E-07	0.000497	3.26E-09	0.000524
3754	488363.09	3851877.25	0.0132	0.01203	0.00991	0.0052	2.48E-05	1.1E-06	0.00022	5.8E-09	0.00024	3.04E-05	1.29325E-06	0.000265	3.25E-09	2.97E-04	2.68E-05	9.95E-07	0.000505	3.36E-09	0.000533
3755	488863.09	3851877.25	0.01307	0.01342	0.0095	0.00524	2.46E-05	1.2E-06	0.00021	5.9E-09	0.00023	3.01E-05	1.44268E-06	0.000254	3.28E-09	2.86E-04	2.65E-05	1.11E-06	0.000484	3.38E-09	0.000511
3756	489363.09	3851877.25	0.0132	0.0142	0.00971	0.00532	2.48E-05	1.2E-06	0.00021	5.9E-09	0.00024	3.04E-05	1.52653E-06	0.00026	3.33E-09	2.92E-04	2.68E-05	1.17E-06	0.000495	3.44E-09	0.000523
3757	489863.09	3851877.25	0.01362	0.01494	0.01038	0.00568	2.56E-05	1.3E-06	0.00023	6.3E-09	0.00025	3.14E-05	1.60608E-06	0.000278	3.55E-09	3.11E-04	2.77E-05	1.24E-06	0.000529	3.67E-09	0.000558
3758	490363.09	3851877.25	0.01448	0.01578	0.01137	0.00624	2.72E-05	1.4E-06	0.00025	7E-09	0.00028	3.33E-05	1.69639E-06	0.000304	3.9E-09	3.39E-04	2.94E-05	1.3E-06	0.000579	4.03E-09	0.00061
3759	490863.09	3851877.25	0.01546	0.01715	0.01251	0.00697	2.91E-05	1.5E-06	0.00027	7.8E-09	0.0003	3.56E-05	1.84366E-06	0.000335	4.36E-09	3.72E-04	3.14E-05	1.42E-06	0.000637	4.5E-09	0.00067
3760	491363.09	3851877.25	0.01649	0.01875	0.01377	0.0078	3.10E-05	1.6E-06	0.0003	8.7E-09	0.00033	3.80E-05	2.01567E-06	0.000368	4.88E-09	4.08E-04	3.35E-05	1.55E-06	0.000701	5.04E-09	0.000736
3761	491863.09	3851877.25	0.0172	0.01953	0.0148	0.00858	3.23E-05	1.7E-06	0.00032	9.6E-09	0.00036	3.96E-05	2.09952E-06	0.000396	5.37E-09	4.38E-04	3.49E-05	1.62E-06	0.000754	5.54E-09	0.00079
3762	492363.09	3851877.25	0.01688	0.01861	0.01501	0.00903	3.17E-05	1.6E-06	0.00033	1E-08	0.00036	3.89E-05	2.00062E-06	0.000401	5.65E-09	4.42E-04	3.43E-05	1.54E-06	0.000764	5.83E-09	0.0008
3763	492863.09	3851877.25	0.01469	0.01581	0.01334	0.00869	2.76E-05	1.4E-06	0.00029	9.7E-09	0.00032	3.38E-05	1.69961E-06	0.000357	5.44E-09	3.92E-04	2.98E-05	1.31E-06	0.000679	5.61E-09	0.000711
3764	493363.09	3851877.25	0.0178	0.01866	0.01654	0.01039	3.34E-05	1.6E-06	0.00036	1.2E-08	0.00039	4.10E-05	2.00599E-06	0.000442	6.5E-09	4.85E-04	3.61E-05	1.54E-06	0.000842	6.71E-09	0.00088
3765	493863.09	3851877.25	0.02128	0.02179	0.02024	0.01235	4.00E-05	1.9E-06	0.00044	1.4E-08	0.00048	4.90E-05	2.34247E-06	0.000541	7.72E-09	5.93E-04	4.32E-05	1.8E-06	0.001031	7.98E-09	0.001076
3766	494363.09	3851877.25	0.02069	0.02105	0.02001	0.01259	3.89E-05	1.8E-06	0.00043	1.4E-08	0.00048	4.76E-05	2.26292E-06	0.000535	7.87E-09	5.85E-04	4.2E-05	1.74E-06	0.001019	8.13E-09	0.001063
3767	494863.09	3851877.25	0.0229	0.0233	0.0225	0.01405	4.30E-05	2E-06	0.00049	1.6E-08	0.00053	5.27E-05	2.5048E-06	0.000602	8.79E-09	6.57E-04	4.65E-05	1.93E-06	0.001146	9.08E-09	0.001194
3768	495363.09	3851877.25	0.02424	0.02485	0.02399	0.01516	4.56E-05	2.2E-06	0.00052	1.7E-08	0.00057	5.58E-05	2.67143E-06	0.000642	9.48E-09	7.00E-04	4.92E-05	2.06E-06	0.001222	9.79E-09	0.001273
3769	495863.09	3851877.25	0.02497	0.02593	0.02493	0.01605	4.69E-05	2.3E-06	0.00054	1.8E-08	0.00059	5.75E-05	2.78753E-06	0.000667	1E-08	7.27E-04	5.07E-05	2.14E-06	0.00127	1.04E-08	0.001323
3770	496363.09	3851877.25	0.02458	0.02554	0.02472	0.0163	4.62E-05	2.2E-06	0.00054	1.8E-08	0.00059	5.66E-05	2.74561E-06	0.000661	1.02E-08	7.21E-04	4.99E-05	2.11E-06	0.001259	1.05E-08	0.001311
3771	496863.09	3851877.25	0.02397	0.02468	0.0243	0.0164	4.50E-05	2.2E-06	0.00053	1.8E-08	0.00057	5.52E-05	2.65316E-06	0.00065	1.03E-08	7.08E-04	4.87E-05	2.04E-06	0.001238	1.06E-08	0.001288
3772	497363.09	3851877.25	0.02318	0.02366	0.02367	0.01635	4.36E-05	2.1E-06	0.00051	1.8E-08	0.00056	5.34E-05	2.5435E-06	0.000633	1.02E-08	6.89E-04	4.71E-05	1.96E-06	0.001206	1.06E-08	0.001255
3773	497863.09	3851877.25	0.02154	0.02191	0.0221	0.01574	4.05E-05	1.9E-06	0.00048	1.8E-08	0.00052	4.96E-05	2.35537E-06	0.000591	9.84E-09	6.43E-04	4.37E-05	1.81E-06	0.001126	1.02E-08	0.001171
3774	498363.09	3851877.25	0.02006	0.02045	0.02063	0.01517	3.77E-05	1.8E-06	0.00045	1.7E-08	0.00049	4.62E-05	2.19842E-06	0.000552	9.49E-09	6.00E-04	4.07E-05	1.69E-06	0.001051	9.8E-09	0.001093
3775	471363.09	3852377.25	0.00734	0.00812	0.00741	0.005	1.38E-05	7.1E-07	0.00016	5.6E-09	0.00018	1.69E-05	8.72918E-07	0.000198	3.13E-09	2.16E-04	1.49E-05	6.72E-07	0.000377	3.23E-09	0.000393
3776	471863.09	3852377.25	0.00836	0.00939	0.00838	0.00562	1.57E-05	8.2E-07	0.00018	6.3E-09	0.0002	1.93E-05	1.00945E-06	0.000224	3.51E-09	2.44E-04	1.7E-05	7.77E-07	0.000427	3.63E-09	0.000445
3777	472363.09	3852377.25	0.0091	0.0101	0.00911	0.0061	1.71E-05	8.9E-07	0.0002	6.8E-09	0.00022	2.10E-05	1.08577E-06	0.000244	3.82E-09	2.66E-04	1.85E-05	8.35E-07	0.000464	3.94E-09	0.000483
3778	472863.09	3852377.25	0.00975	0.0105	0.00976	0.00657	1.83E-05	9.2E-07	0.00021	7.3E-09	0.00023	2.25E-05	1.12877E-06	0.000261	4.11E-09	2.85E-04	1.98E-05	8.68E-07	0.000497	4.24E-09	0.000518

3779	473363.09	3852377.25	0.01019	0.01053	0.01027	0.00683	1.91E-05	9.2E-07	0.00022	7.6E-09	0.00024	2.35E-05	1.132E-06	0.000275	4.27E-09	2.99E-04	2.07E-05	8.71E-07	0.000523	4.41E-09	0.000545
3780	473863.09	3852377.25	0.01045	0.01033	0.01064	0.00694	1.96E-05	9.1E-07	0.00023	7.8E-09	0.00025	2.41E-05	1.1105E-06	0.000285	4.34E-09	3.10E-04	2.12E-05	8.54E-07	0.000542	4.48E-09	0.000564
3781	474363.09	3852377.25	0.01084	0.01027	0.0111	0.00712	2.04E-05	9E-07	0.00024	8E-09	0.00026	2.50E-05	1.10405E-06	0.000297	4.45E-09	3.23E-04	2.2E-05	8.49E-07	0.000565	4.6E-09	0.000588
3782	474863.09	3852377.25	0.01313	0.01228	0.01317	0.009	2.47E-05	1.1E-06	0.00029	1E-08	0.00031	3.02E-05	1.32013E-06	0.000352	5.63E-09	3.84E-04	2.67E-05	1.02E-06	0.000671	5.81E-09	0.000698
3783	475363.09	3852377.25	0.0137	0.0132	0.01359	0.00915	2.57E-05	1.2E-06	0.0003	1E-08	0.00032	3.15E-05	1.41903E-06	0.000363	5.72E-09	3.96E-04	2.78E-05	1.09E-06	0.000692	5.91E-09	0.000721
3784	475863.09	3852377.25	0.01423	0.0145	0.01386	0.00911	2.67E-05	1.3E-06	0.0003	1E-08	0.00033	3.28E-05	1.55878E-06	0.000371	5.7E-09	4.05E-04	2.89E-05	1.2E-06	0.000706	5.88E-09	0.000736
3785	476363.09	3852377.25	0.01452	0.01542	0.01385	0.0088	2.73E-05	1.4E-06	0.0003	9.8E-09	0.00033	3.34E-05	1.65768E-06	0.00037	5.5E-09	4.06E-04	2.95E-05	1.28E-06	0.000705	5.68E-09	0.000736
3786	476863.09	3852377.25	0.01539	0.01611	0.01431	0.00914	2.89E-05	1.4E-06	0.00031	1E-08	0.00034	3.54E-05	1.73186E-06	0.000383	5.72E-09	4.20E-04	3.12E-05	1.33E-06	0.000729	5.9E-09	0.000761
3787	477363.09	3852377.25	0.01599	0.01615	0.01472	0.00952	3.00E-05	1.4E-06	0.00032	1.1E-08	0.00035	3.68E-05	1.73616E-06	0.000394	5.95E-09	4.32E-04	3.25E-05	1.34E-06	0.00075	6.15E-09	0.000784
3788	477863.09	3852377.25	0.01499	0.01518	0.01435	0.00892	2.82E-05	1.3E-06	0.00031	1E-08	0.00034	3.45E-05	1.63188E-06	0.000384	5.58E-09	4.20E-04	3.04E-05	1.26E-06	0.000731	5.76E-09	0.000763
3789	478363.09	3852377.25	0.01474	0.01485	0.01488	0.00868	2.77E-05	1.3E-06	0.00032	9.7E-09	0.00035	3.39E-05	1.59641E-06	0.000398	5.43E-09	4.34E-04	2.99E-05	1.23E-06	0.000758	5.61E-09	0.000789
3790	478863.09	3852377.25	0.0194	0.01895	0.01936	0.01134	3.65E-05	1.7E-06	0.00042	1.3E-08	0.00046	4.47E-05	2.03717E-06	0.000518	7.09E-09	5.65E-04	3.94E-05	1.57E-06	0.000986	7.33E-09	0.001027
3791	479363.09	3852377.25	0.02331	0.02325	0.02268	0.0134	4.38E-05	2E-06	0.00049	1.5E-08	0.00054	5.37E-05	2.49943E-06	0.000607	8.38E-09	6.63E-04	4.73E-05	1.92E-06	0.001155	8.66E-09	0.001204
3792	479863.09	3852377.25	0.02824	0.02684	0.02606	0.0175	5.31E-05	2.4E-06	0.00057	2E-08	0.00062	6.50E-05	2.88536E-06	0.000697	1.09E-08	7.65E-04	5.73E-05	2.22E-06	0.001327	1.13E-08	0.001387
3793	480363.09	3852377.25	0.0309	0.02732	0.02751	0.02014	5.81E-05	2.4E-06	0.0006	2.3E-08	0.00066	7.12E-05	2.93696E-06	0.000736	1.26E-08	8.10E-04	6.27E-05	2.26E-06	0.001401	1.3E-08	0.001466
3794	480863.09	3852377.25	0.03213	0.02713	0.0279	0.01964	6.04E-05	2.4E-06	0.00061	2.2E-08	0.00067	7.40E-05	2.91654E-06	0.000746	1.23E-08	8.23E-04	6.52E-05	2.24E-06	0.001421	1.27E-08	0.001488
3795	481363.09	3852377.25	0.03637	0.03076	0.02931	0.01952	6.83E-05	2.7E-06	0.00064	2.2E-08	0.00071	8.38E-05	3.30677E-06	0.000784	1.22E-08	8.71E-04	7.38E-05	2.54E-06	0.001493	1.26E-08	0.001569
3796	481863.09	3852377.25	0.0428	0.03908	0.03743	0.02829	8.04E-05	3.4E-06	0.00081	3.2E-08	0.0009	9.86E-05	4.20119E-06	0.001001	1.77E-08	1.10E-03	8.69E-05	3.23E-06	0.001906	1.83E-08	0.001996
3797	482363.09	3852377.25	0.04505	0.03955	0.04173	0.03075	8.47E-05	3.5E-06	0.00091	3.4E-08	0.00099	1.04E-04	4.25171E-06	0.001116	1.92E-08	1.22E-03	9.15E-05	3.27E-06	0.002125	1.99E-08	0.00222
3798	482863.09	3852377.25	0.04057	0.03725	0.03737	0.02106	7.62E-05	3.3E-06	0.00081	2.4E-08	0.00089	9.34E-05	4.00446E-06	0.000999	1.32E-08	1.10E-03	8.24E-05	3.08E-06	0.001903	1.36E-08	0.001989
3799	483363.09	3852377.25	0.0297	0.02625	0.02937	0.01282	5.58E-05	2.3E-06	0.00064	1.4E-08	0.0007	6.84E-05	2.82193E-06	0.000786	8.02E-09	8.57E-04	6.03E-05	2.17E-06	0.001496	8.28E-09	0.001558
3800	483863.09	3852377.25	0.02427	0.02352	0.02371	0.01021	4.56E-05	2.1E-06	0.00051	1.1E-08	0.00056	5.59E-05	2.52845E-06	0.000634	6.39E-09	6.93E-04	4.93E-05	1.95E-06	0.001208	6.6E-09	0.001259
3801	484363.09	3852377.25	0.02678	0.02377	0.02623	0.01103	5.03E-05	2.1E-06	0.00057	1.2E-08	0.00062	6.17E-05	2.55533E-06	0.000702	6.9E-09	7.66E-04	5.44E-05	1.97E-06	0.001336	7.13E-09	0.001392
3802	484863.09	3852377.25	0.02711	0.0215	0.02529	0.01101	5.09E-05	1.9E-06	0.00055	1.2E-08	0.0006	6.24E-05	2.3113E-06	0.000676	6.89E-09	7.41E-04	5.5E-05	1.78E-06	0.001288	7.11E-09	0.001345
3803	485363.09	3852377.25	0.02805	0.02234	0.02523	0.01027	5.27E-05	2E-06	0.00055	1.1E-08	0.0006	6.46E-05	2.4016E-06	0.000675	6.42E-09	7.42E-04	5.7E-05	1.85E-06	0.001285	6.63E-09	0.001344
3804	485863.09	3852377.25	0.02538	0.02072	0.02161	0.00893	4.77E-05	1.8E-06	0.00047	1E-08	0.00052	5.84E-05	2.22745E-06	0.000578	5.59E-09	6.39E-04	5.15E-05	1.71E-06	0.001101	5.77E-09	0.001154
3805	486363.09	3852377.25	0.02111	0.02022	0.01628	0.00726	3.97E-05	1.8E-06	0.00035	8.1E-09	0.00039	4.86E-05	2.1737E-06	0.000435	4.54E-09	4.86E-04	4.29E-05	1.67E-06	0.000829	4.69E-09	0.000874
3806	486863.09	3852377.25	0.01994	0.01806	0.01495	0.00665	3.75E-05	1.6E-06	0.00032	7.4E-09	0.00036	4.59E-05	1.94149E-06	0.0004	4.16E-09	4.48E-04	4.05E-05	1.49E-06	0.000761	4.3E-09	0.000803
3807	487363.09	3852377.25	0.01835	0.01657	0.01309	0.00622	3.45E-05	1.5E-06	0.00028	6.9E-09	0.00032	4.23E-05	1.78131E-06	0.00035	3.89E-09	3.94E-04	3.73E-05	1.37E-06	0.000667	4.02E-09	0.000705
3808	487863.09	3852377.25	0.01752	0.01615	0.01199	0.0061	3.29E-05	1.4E-06	0.00026	6.8E-09	0.00029	4.03E-05	1.73616E-06	0.000321	3.82E-09	3.63E-04	3.56E-05	1.34E-06	0.000611	3.94E-09	0.000648
3809	488363.09	3852377.25	0.01707	0.01783	0.01157	0.00605	3.21E-05	1.6E-06	0.00025	6.8E-09	0.00028	3.93E-05	1.91676E-06	0.000309	3.78E-09	3.51E-04	3.47E-05	1.47E-06	0.000589	3.91E-09	0.000625
3810	488863.09	3852377.25	0.01651	0.01859	0.0115	0.00607	3.10E-05	1.6E-06	0.00025	6.8E-09	0.00028	3.80E-05	1.99847E-06	0.000308	3.8E-09	3.48E-04	3.35E-05	1.54E-06	0.000586	3.92E-09	0.000621
3811	489363.09	3852377.25	0.01656	0.01853	0.01201	0.00649	3.11E-05	1.6E-06	0.00026	7.3E-09	0.00029	3.81E-05	1.99202E-06	0.000321	4.06E-09	3.61E-04	3.36E-05	1.53E-06	0.000612	4.19E-09	0.000647
3812	489863.09	3852377.25	0.01591	0.0182	0.01207	0.00681	2.99E-05	1.6E-06	0.00026	7.6E-09	0.00029	3.66E-05	1.95654E-06	0.000323	4.26E-09	3.61E-04	3.23E-05	1.51E-06	0.000615	4.4E-09	0.000649
3813	490363.09	3852377.25	0.01831	0.02098	0.01456	0.00804	3.44E-05	1.8E-06	0.00032	9E-09	0.00035	4.22E-05	2.2554E-06	0.000389	5.03E-09	4.34E-04	3.72E-05	1.74E-06	0.000742	5.19E-09	0.00078
3814	490863.09	3852377.25	0.02024	0.02317	0.01684	0.00935	3.80E-05	2E-06	0.00037	1E-08	0.00041	4.66E-05	2.49083E-06	0.00045	5.85E-09	5.00E-04	4.11E-05	1.92E-06	0.000858	6.04E-09	0.000901
3815	491363.09	3852377.25	0.02429	0.02733	0.02103	0.01145	4.56E-05	2.4E-06	0.00046	1.3E-08	0.0005	5.59E-05	2.93804E-06	0.000562	7.16E-09	6.21E-04	4.93E-05	2.26E-06	0.001071	7.4E-09	0.001123
3816	491863.09	3852377.25	0.02529	0.02753	0.0225	0.01266	4.75E-05	2.4E-06	0.00049	1.4E-08	0.00054	5.82E-05	2.95954E-06	0.000602	7.92E-09	6.63E-04	5.13E-05	2.28E-06	0.001146	8.18E-09	0.0012
3817	492363.09	3852377.25	0.02579	0.02752	0.02366	0.01367	4.85E-05	2.4E-06	0.00051	1.5E-08	0.00056	5.94E-05	2.95846E-06	0.000633	8.55E-09	6.95E-04	5.24E-05	2.28E-06	0.001205	8.83E-09	0.00126
3818	492863.09	3852377.25	0.02765	0.02899	0.02601	0.0151	5.20E-05	2.5E-06	0.00056	1.7E-08	0.00062	6.37E-05	3.11649E-06	0.000696	9.44E-09	7.62E-04	5.61E-05	2.4E-06	0.001325	9.75E-09	0.001383
3819	493363.09	3852377.25	0.03081	0.03163	0.0297	0.01709	5.79E-05	2.8E-06	0.00064	1.9E-08	0.00071	7.09E-05	3.4003E-06	0.000794	1.07E-08	8.69E-04	6.26E-05	2.62E-06	0.001513	1.1E-08	0.001578
3820	493863.09	3852377.25	0.03047	0.0311	0.02986	0.01768	5.73E-05	2.7E-06	0.00065	2E-08	0.00071	7.02E-05	3.34332E-06	0.000799	1.11E-08	8.72E-04	6.19E-05	2.57E-06	0.001521	1.14E-08	0.001585
3821	494363.09	3852377.25	0.03013	0.03084	0.02983	0.01821	5.66E-05	2.7E-06	0.00065	2E-08	0.00071	6.94E-05	3.31537E-06	0.000798	1.14E-08	8.71E-04	6.12E-05	2.55E-06	0.001519	1.18E-08	0.001583
3822	494863.09	3852377.25	0.03158	0.03267	0.03169	0.01959	5.93E-05	2.9E-06	0.00069	2.2E-08	0.00075	7.27E-05	3.5121E-06	0.000848	1.23E-08	9.24E-04	6.41E-05	2.7E-06	0.001614	1.27E-08	0.001681
3823	495363.09	3852377.25	0.03299	0.03422	0.03345	0.02104	6.20E-05	3E-06	0.00073	2.4E-08	0.00079	7.60E-05	3.67873E-06	0.000895	1.32E-08	9.74E-04	6.7E-05	2.83E-06	0.001704	1.36E-08	0.001773
3824	495863.09	3852377.25	0.03162	0.03231	0.03229	0.02094	5.94E-05	2.8E-06	0.0007	2.3E-08	0.00076	7.28E-05	3.4734E-06	0.000864	1.31E-08	9.40E-04	6.42E-05	2.67E-06	0.001645	1.35E-08	0.001711
3825	496363.09	3852377.25	0.03013	0.03035	0.03096	0.02064	5.66E-05	2.7E-06	0.00067	2.3E-08	0.00073	6.94E-05	3.26269E-06	0.000828	1.29E-08	9.01E-04	6.12E-05	2.51E-06	0.001577	1.33E-08	0.001641
3826	496863.09	3852377.25	0.0291	0.02922	0.03004	0.02051	5.47E-05	2.6E-06	0.00065	2.3E-08	0.00071	6.70E-05	3.14122E-06	0.000803	1.28E-08	8.74E-04	5.91E-05	2.42E-06	0.00153	1.32E-08	0.001591
3827	497363.09	3852377.25	0.02635	0.02661	0.02735	0.01932	4.95E-05	2.3E-06	0.00059	2.2E-08	0.00065	6.07E-05	2.86063E-06	0.000731	1.21E-08	7.95E-04	5.35E-05	2.2E-06	0.001393	1.25E-08	0.001449
3828	497863.09	3852377.25	0.02368	0.0241	0.02459	0.01805	4.45E-05	2.1E-06	0.00053	2E-08	0.00058	5.45E-05	2.5908E-06	0.000658	1.13E-08	7.15E-04	4.81E-05	1.99E-06	0.001252	1.17E-08	0.001302
3829	498363.09	3852377.25	0.0213	0.02185	0.02213	0.01685	4.00E-05	1.9E-06	0.00048	1.9E-08	0.00052	4.90E-05	2.34892E-06	0.000592	1.05E-08	6.43E-04	4.32E-05	1.81E-06	0.001127	1.09E-08	0.001172
3830	471363.09	3852877.25	0.0076	0.0074	0.00788	0.00528	1.43E-05	6.5E-07	0.00017	5.9E-09	0.00019	1.75E-05	7.95517E-07	0.000211	3.3E-09	2.29E-04	1.54E-05	6.12E-07	0.000401	3.41E-09	0.000417
3831	471863.09	3852877.25	0.00842	0.00834	0.00866	0.0058	1.58E-05	7.3E-07	0.00019	6.5E-09	0.0002	1.94E-05	8.96569E-07	0.000232	3.63E-09	2.52E-04	1.71E-05	6.9E-07	0.000441	3.75E-09	0.000459
3832	472363.09	3852877.25	0.00926	0.00953	0.00947	0.00634	1.74E-05	8.4E-07	0.00021	7.1E-09	0.00022	2.13E-05	1.0245E-06	0.000253	3.97E-09	2.76E-04	1.88E-05	7.88E-07	0.000482	4.1E-09	0.000502
3833	472863.09	3852877.25	0.01004	0.01076	0.01022	0.00684	1.89E-05	9.4E-07	0.00022	7.6E-09	0.00024	2.31E-05	1.15672E-06	0.000273	4.28E-09	2.98E-04	2.04E-05	8.9E-07	0.000521	4.42E-09	0.000542
3834	473363.09	3852877.25	0.01093	0.01204	0.01109	0.00734	2.05E-05	1.1E-06	0.00024	8.2E-09	0.00026	2.52E-05	1.29433E-06	0.000297	4.59E-09	3.23E-04	2.22E-05	9.96E-07	0.000565	4.74E-09	0.000588
3835	473863.09	3852877.25	0.012	0.01335	0.01213	0.00799	2.26E-05	1.2E-06	0.00026	8.9E-09	0.00029	2.76E-05	1.43515E-06	0.000324	5E-09	3.53E-04	2.44E-05	1.1E-06	0.000618	5.16E-09	0.000643
3836	474363.09	3852877.25	0.01311	0.0144	0.01317	0.00873	2.46E-05	1.3E-06	0.00029	9.8E-09	0.00031	3.02E-05	1.54803E-06	0.000352	5.46E-09	3.84E-04	2.66E-05	1.19E-06	0.000671	5.64E-09	0.000699
3837	474863.09	3852877.25	0.01286	0.01374	0.01295	0.00814	2.42E-05	1.2E-06	0.00028	9.1E-09	0.00031	2.96E-05	1.47708E-06	0.000346	5.09E-09	3.77E-04	2.61E-05	1.14E-06	0.00066	5.26E-09	0.000687
3838	475363.09	3852877.25	0.01412	0.01439	0.01414	0.00895	2.65E-05	1.3E-06	0.00031	1E-08	0.00033	3.25E-05	1.54696E-06	0.000378	5.6E-09	4.12E-04	2.87E-05	1.19E-06	0.00072	5.78E-09	0.00075
3839	475863.09	3852877.25	0.01475	0.0143	0.01471	0.0092	2.77E-05	1.3E-06	0.00032	1E-08	0.00035	3.40E-05	1.53728E-06	0.000393	5.75E-09	4.29E-04	2.99E-05	1.18E-06	0.000749	5.94E-09	0.00078

3840	476363.09	3852877.25	0.0144	0.01366	0.01442	0.00869	2.71E-05	1.2E-06	0.00031	9.7E-09	0.00034	3.32E-05	1.46848E-06	0.000386	5.44E-09	4.20E-04	2.92E-05	1.13E-06	0.000734	5.61E-09	0.000765
3841	476863.09	3852877.25	0.01316	0.01279	0.01326	0.00774	2.47E-05	1.1E-06	0.00029	8.6E-09	0.00031	3.03E-05	1.37495E-06	0.000355	4.84E-09	3.86E-04	2.67E-05	1.06E-06	0.000675	5E-09	0.000703
3842	477363.09	3852877.25	0.01227	0.01268	0.01227	0.00713	2.31E-05	1.1E-06	0.00027	8E-09	0.00029	2.83E-05	1.36313E-06	0.000328	4.46E-09	3.58E-04	2.49E-05	1.05E-06	0.000625	4.61E-09	0.000651
3843	477863.09	3852877.25	0.01121	0.01193	0.01102	0.00655	2.11E-05	1E-06	0.00024	7.3E-09	0.00026	2.58E-05	1.2825E-06	0.000295	4.1E-09	3.22E-04	2.28E-05	9.87E-07	0.000561	4.23E-09	0.000585
3844	478363.09	3852877.25	0.00875	0.00946	0.00839	0.00567	1.64E-05	8.3E-07	0.00018	6.3E-09	0.0002	2.01E-05	1.01697E-06	0.000224	3.55E-09	2.46E-04	1.78E-05	7.82E-07	0.000427	3.66E-09	0.000446
3845	478863.09	3852877.25	0.01074	0.01129	0.01031	0.0066	2.02E-05	9.9E-07	0.00022	7.4E-09	0.00025	2.47E-05	1.2137E-06	0.000276	4.13E-09	3.02E-04	2.18E-05	9.34E-07	0.000525	4.26E-09	0.000548
3846	479363.09	3852877.25	0.01554	0.01544	0.01551	0.00867	2.92E-05	1.4E-06	0.00034	9.7E-09	0.00037	3.58E-05	1.65983E-06	0.000415	5.42E-09	4.52E-04	3.16E-05	1.28E-06	0.00079	5.6E-09	0.000823
3847	479863.09	3852877.25	0.02732	0.02647	0.02624	0.01515	5.13E-05	2.3E-06	0.00057	1.7E-08	0.00062	6.29E-05	2.84558E-06	0.000702	9.48E-09	7.68E-04	5.55E-05	2.19E-06	0.001336	9.79E-09	0.001394
3848	480363.09	3852877.25	0.03636	0.03349	0.03249	0.02282	6.83E-05	2.9E-06	0.00071	2.5E-08	0.00078	8.37E-05	3.60025E-06	0.000869	1.43E-08	9.56E-04	7.38E-05	2.77E-06	0.001655	1.47E-08	0.001731
3849	480863.09	3852877.25	0.0406	0.03657	0.03488	0.02424	7.63E-05	3.2E-06	0.00076	2.7E-08	0.00084	9.35E-05	3.93136E-06	0.000933	1.52E-08	1.03E-03	8.24E-05	3.02E-06	0.001776	1.57E-08	0.001862
3850	481363.09	3852877.25	0.04312	0.03608	0.03528	0.0252	8.10E-05	3.2E-06	0.00077	2.8E-08	0.00085	9.93E-05	3.87868E-06	0.000944	1.58E-08	1.05E-03	8.75E-05	2.98E-06	0.001797	1.63E-08	0.001887
3851	481863.09	3852877.25	0.04957	0.03984	0.03667	0.02458	9.32E-05	3.5E-06	0.0008	2.7E-08	0.00089	1.14E-04	4.28289E-06	0.000981	1.54E-08	1.10E-03	0.000101	3.29E-06	0.001868	1.59E-08	0.001972
3852	482363.09	3852877.25	0.05834	0.05111	0.04713	0.03488	1.10E-04	4.5E-06	0.00102	3.9E-08	0.00114	1.34E-04	5.49444E-06	0.001261	2.18E-08	1.40E-03	0.000118	4.23E-06	0.0024	2.25E-08	0.002523
3853	482863.09	3852877.25	0.06271	0.05179	0.05282	0.03806	1.18E-04	4.5E-06	0.00115	4.3E-08	0.00127	1.44E-04	5.56754E-06	0.001413	2.38E-08	1.56E-03	0.000127	4.28E-06	0.00269	2.46E-08	0.002822
3854	483363.09	3852877.25	0.0537	0.04598	0.04817	0.02484	1.01E-04	4E-06	0.00105	2.8E-08	0.00115	1.24E-04	4.94295E-06	0.001288	1.55E-08	1.42E-03	0.000109	3.8E-06	0.002453	1.6E-08	0.002566
3855	483863.09	3852877.25	0.03915	0.03682	0.03571	0.01444	7.36E-05	3.2E-06	0.00078	1.6E-08	0.00085	9.02E-05	3.95823E-06	0.000955	9.03E-09	1.05E-03	7.95E-05	3.04E-06	0.001819	9.33E-09	0.001901
3856	484363.09	3852877.25	0.04434	0.0356	0.03898	0.01574	8.33E-05	3.1E-06	0.00085	1.8E-08	0.00093	1.02E-04	3.82708E-06	0.001043	9.84E-09	1.15E-03	9E-05	2.94E-06	0.001985	1.02E-08	0.002078
3857	484863.09	3852877.25	0.04574	0.03461	0.03692	0.01572	8.60E-05	3E-06	0.0008	1.8E-08	0.00089	1.05E-04	3.72065E-06	0.000987	9.83E-09	1.10E-03	9.29E-05	2.86E-06	0.00188	1.02E-08	0.001976
3858	485363.09	3852877.25	0.03319	0.02292	0.02551	0.01044	6.24E-05	2E-06	0.00055	1.2E-08	0.00062	7.64E-05	2.46395E-06	0.000682	6.53E-09	7.61E-04	6.74E-05	1.9E-06	0.001299	6.74E-09	0.001369
3859	485863.09	3852877.25	0.02956	0.02323	0.02067	0.00896	5.55E-05	2E-06	0.00045	1E-08	0.00051	6.81E-05	2.49728E-06	0.000553	5.6E-09	6.23E-04	6E-05	1.92E-06	0.001053	5.79E-09	0.001115
3860	486363.09	3852877.25	0.02576	0.02246	0.01694	0.00772	4.84E-05	2E-06	0.00037	8.6E-09	0.00042	5.93E-05	2.4145E-06	0.000453	4.83E-09	5.15E-04	5.23E-05	1.86E-06	0.000863	4.99E-09	0.000917
3861	486863.09	3852877.25	0.02525	0.02175	0.01599	0.00747	4.74E-05	1.9E-06	0.00035	8.3E-09	0.0004	5.81E-05	2.33817E-06	0.000428	4.67E-09	4.88E-04	5.13E-05	1.8E-06	0.000814	4.83E-09	0.000867
3862	487363.09	3852877.25	0.02404	0.02363	0.01462	0.00722	4.52E-05	2.1E-06	0.00032	8.1E-09	0.00036	5.54E-05	2.54028E-06	0.000391	4.52E-09	4.49E-04	4.88E-05	1.95E-06	0.000745	4.66E-09	0.000795
3863	487863.09	3852877.25	0.02381	0.02583	0.01512	0.0073	4.47E-05	2.3E-06	0.00033	8.2E-09	0.00038	5.48E-05	2.77678E-06	0.000404	4.57E-09	4.62E-04	4.83E-05	2.14E-06	0.00077	4.72E-09	0.000821
3864	488363.09	3852877.25	0.01869	0.0219	0.01218	0.00661	3.51E-05	1.9E-06	0.00026	7.4E-09	0.0003	4.30E-05	2.3543E-06	0.000326	4.13E-09	3.71E-04	3.79E-05	1.81E-06	0.00062	4.27E-09	0.00066
3865	488863.09	3852877.25	0.02132	0.02545	0.01491	0.00783	4.01E-05	2.2E-06	0.00032	8.7E-09	0.00037	4.91E-05	2.73593E-06	0.000399	4.9E-09	4.51E-04	4.33E-05	2.1E-06	0.000759	5.06E-09	0.000805
3866	489363.09	3852877.25	0.02276	0.02714	0.01709	0.00904	4.28E-05	2.4E-06	0.00037	1E-08	0.00042	5.24E-05	2.91761E-06	0.000457	5.65E-09	5.12E-04	4.62E-05	2.24E-06	0.00087	5.84E-09	0.000919
3867	489863.09	3852877.25	0.02393	0.02799	0.01911	0.01023	4.50E-05	2.5E-06	0.00041	1.1E-08	0.00046	5.51E-05	3.00899E-06	0.000511	6.4E-09	5.69E-04	4.86E-05	2.31E-06	0.000973	6.61E-09	0.001024
3868	490363.09	3852877.25	0.03097	0.03529	0.02608	0.01337	5.82E-05	3.1E-06	0.00057	1.5E-08	0.00063	7.13E-05	3.79375E-06	0.000698	8.36E-09	7.73E-04	6.29E-05	2.92E-06	0.001328	8.64E-09	0.001394
3869	490863.09	3852877.25	0.03436	0.03879	0.0299	0.01565	6.46E-05	3.4E-06	0.00065	1.7E-08	0.00072	7.91E-05	4.17001E-06	0.0008	9.79E-09	8.83E-04	6.98E-05	3.21E-06	0.001523	1.01E-08	0.001596
3870	491363.09	3852877.25	0.03714	0.04098	0.03348	0.01784	6.98E-05	3.6E-06	0.00073	2E-08	0.0008	8.55E-05	4.40544E-06	0.000895	1.12E-08	9.85E-04	7.54E-05	3.39E-06	0.001705	1.15E-08	0.001784
3871	491863.09	3852877.25	0.03805	0.04091	0.03533	0.01932	7.15E-05	3.6E-06	0.00077	2.2E-08	0.00084	8.76E-05	4.39792E-06	0.000945	1.21E-08	1.04E-03	7.73E-05	3.38E-06	0.001799	1.25E-08	0.00188
3872	492363.09	3852877.25	0.03929	0.04124	0.03747	0.02086	7.38E-05	3.6E-06	0.00081	2.3E-08	0.00089	9.05E-05	4.43339E-06	0.001002	1.3E-08	1.10E-03	7.98E-05	3.41E-06	0.001908	1.35E-08	0.001992
3873	492863.09	3852877.25	0.04219	0.04324	0.04146	0.0231	7.93E-05	3.8E-06	0.0009	2.6E-08	0.00098	9.72E-05	4.6484E-06	0.001109	1.44E-08	1.21E-03	8.57E-05	3.58E-06	0.002112	1.49E-08	0.002201
3874	493363.09	3852877.25	0.04378	0.04443	0.04386	0.02493	8.23E-05	3.9E-06	0.00095	2.8E-08	0.00104	1.01E-04	4.77632E-06	0.001173	1.56E-08	1.28E-03	8.89E-05	3.67E-06	0.002234	1.61E-08	0.002326
3875	493863.09	3852877.25	0.04293	0.04363	0.04342	0.0256	8.07E-05	3.8E-06	0.00094	2.9E-08	0.00103	9.89E-05	4.69032E-06	0.001161	1.6E-08	1.26E-03	8.72E-05	3.61E-06	0.002211	1.65E-08	0.002302
3876	494363.09	3852877.25	0.04232	0.04316	0.04318	0.02627	7.95E-05	3.8E-06	0.00094	2.9E-08	0.00102	9.75E-05	4.6398E-06	0.001155	1.64E-08	1.26E-03	8.59E-05	3.57E-06	0.002199	1.7E-08	0.002289
3877	494863.09	3852877.25	0.04243	0.04291	0.04363	0.02728	7.97E-05	3.8E-06	0.00095	3E-08	0.00103	9.77E-05	4.61292E-06	0.001167	1.71E-08	1.27E-03	8.61E-05	3.55E-06	0.002222	1.76E-08	0.002312
3878	495363.09	3852877.25	0.03998	0.03997	0.04135	0.02668	7.51E-05	3.5E-06	0.0009	3E-08	0.00098	9.21E-05	4.29686E-06	0.001106	1.67E-08	1.20E-03	8.12E-05	3.31E-06	0.002106	1.72E-08	0.00219
3879	495863.09	3852877.25	0.03758	0.03763	0.03904	0.02591	7.06E-05	3.3E-06	0.00085	2.9E-08	0.00092	8.65E-05	4.04531E-06	0.001044	1.62E-08	1.13E-03	7.63E-05	3.11E-06	0.001988	1.67E-08	0.002068
3880	496363.09	3852877.25	0.03663	0.03701	0.03821	0.02589	6.88E-05	3.2E-06	0.00083	2.9E-08	0.0009	8.44E-05	3.97866E-06	0.001022	1.62E-08	1.11E-03	7.44E-05	3.06E-06	0.001946	1.67E-08	0.002024
3881	496863.09	3852877.25	0.03476	0.03543	0.03634	0.02518	6.53E-05	3.1E-06	0.00079	2.8E-08	0.00086	8.00E-05	3.8088E-06	0.000972	1.57E-08	1.06E-03	7.06E-05	2.93E-06	0.001851	1.63E-08	0.001924
3882	497363.09	3852877.25	0.02978	0.03046	0.03128	0.02255	5.60E-05	2.7E-06	0.00068	2.5E-08	0.00074	6.86E-05	3.27452E-06	0.000837	1.41E-08	9.08E-04	6.05E-05	2.52E-06	0.001593	1.46E-08	0.001656
3883	497863.09	3852877.25	0.02263	0.0231	0.02377	0.0185	4.25E-05	2E-06	0.00052	2.1E-08	0.00056	5.21E-05	2.4833E-06	0.000636	1.16E-08	6.90E-04	4.59E-05	1.91E-06	0.001211	1.2E-08	0.001258
3884	498363.09	3852877.25	0.02119	0.0216	0.02229	0.01776	3.98E-05	1.9E-06	0.00048	2E-08	0.00053	4.88E-05	2.32205E-06	0.000596	1.11E-08	6.47E-04	4.3E-05	1.79E-06	0.001135	1.15E-08	0.00118
3885	471363.09	3853377.25	0.00794	0.0079	0.00836	0.00555	1.49E-05	6.9E-07	0.00018	6.2E-09	0.0002	1.83E-05	8.49268E-07	0.000224	3.47E-09	2.43E-04	1.61E-05	6.53E-07	0.000426	3.59E-09	0.000443
3886	471863.09	3853377.25	0.00866	0.00851	0.00908	0.00596	1.63E-05	7.5E-07	0.0002	6.7E-09	0.00021	1.99E-05	9.14844E-07	0.000243	3.73E-09	2.64E-04	1.76E-05	7.04E-07	0.000462	3.85E-09	0.000481
3887	472363.09	3853377.25	0.00938	0.0091	0.00976	0.00639	1.76E-05	8E-07	0.00021	7.1E-09	0.00023	2.16E-05	9.7827E-07	0.000261	4E-09	2.84E-04	1.9E-05	7.53E-07	0.000497	4.13E-09	0.000517
3888	472863.09	3853377.25	0.01016	0.00978	0.01046	0.00692	1.91E-05	8.6E-07	0.00023	7.7E-09	0.00025	2.34E-05	1.05137E-06	0.00028	4.33E-09	3.04E-04	2.06E-05	8.09E-07	0.000533	4.47E-09	0.000554
3889	473363.09	3853377.25	0.01083	0.0105	0.01107	0.00734	2.04E-05	9.2E-07	0.00024	8.2E-09	0.00026	2.49E-05	1.12877E-06	0.000296	4.59E-09	3.22E-04	2.2E-05	8.68E-07	0.000564	4.74E-09	0.000587
3890	473863.09	3853377.25	0.01163	0.01151	0.01182	0.00783	2.19E-05	1E-06	0.00026	8.7E-09	0.00028	2.68E-05	1.23735E-06	0.000316	4.9E-09	3.44E-04	2.36E-05	9.52E-07	0.000602	5.06E-09	0.000627
3891	474363.09	3853377.25	0.01245	0.01268	0.01265	0.00828	2.34E-05	1.1E-06	0.00027	9.3E-09	0.0003	2.87E-05	1.36313E-06	0.000338	5.18E-09	3.68E-04	2.53E-05	1.05E-06	0.000644	5.35E-09	0.000671
3892	474863.09	3853377.25	0.01266	0.01331	0.01298	0.00821	2.38E-05	1.2E-06	0.00028	9.2E-09	0.00031	2.92E-05	1.43085E-06	0.000347	5.13E-09	3.78E-04	2.57E-05	1.1E-06	0.000661	5.3E-09	0.000688
3893	475363.09	3853377.25	0.01313	0.01408	0.01355	0.0083	2.47E-05	1.2E-06	0.00029	9.3E-09	0.00032	3.02E-05	1.51363E-06	0.000362	5.19E-09	3.94E-04	2.67E-05	1.16E-06	0.00069	5.36E-09	0.000718
3894	475863.09	3853377.25	0.01353	0.01462	0.01401	0.00831	2.54E-05	1.3E-06	0.0003	9.3E-09	0.00033	3.12E-05	1.57168E-06	0.000375	5.2E-09	4.07E-04	2.75E-05	1.21E-06	0.000714	5.37E-09	0.000742
3895	476363.09	3853377.25	0.01292	0.0138	0.01337	0.00773	2.43E-05	1.2E-06	0.00029	8.6E-09	0.00032	2.98E-05	1.48353E-06	0.000358	4.83E-09	3.89E-04	2.62E-05	1.14E-06	0.000681	4.99E-09	0.000708
3896	476863.09	3853377.25	0.01115	0.01142	0.01157	0.00686	2.10E-05	1E-06	0.00025	7.7E-09	0.00027	2.57E-05	1.22768E-06	0.000309	4.29E-09	3.36E-04	2.26E-05	9.44E-07	0.000589	4.43E-09	0.000613
3897	477363.09	3853377.25	0.01094	0.01073	0.01124	0.00678	2.06E-05	9.4E-07	0.00024	7.6E-09	0.00027	2.52E-05	1.1535E-06	0.000301	4.24E-09	3.27E-04	2.22E-05	8.87E-07	0.000572	4.38E-09	0.000596
3898	477863.09	3853377.25	0.01119	0.01077	0.01123	0.0069	2.10E-05	9.4E-07	0.00024	7.7E-09	0.00027	2.58E-05	1.1578E-06	0.0003	4.32E-09	3.27E-04	2.27E-05	8.91E-07	0.000572	4.46E-09	0.000596
3899	478363.09	3853377.25	0.00948	0.00935	0.00938	0.00624	1.78E-05	8.2E-07	0.0002	7E-09	0.00022	2.18E-05	1.00515E-06	0.000251	3.9E-09	2.74E-04	1.92E-05	7.73E-07	0.000478	4.03E-09	0.000498
3900	478863.09	3853377.25	0.00732	0.0077	0.00713	0.00537	1.38E-05	6.8E-07	0.00015	6E-09	0.00017	1.69E-05	8.27767E-07	0.000191	3.36E-09	2.08E-04	1.49E-05	6.37E-07	0.000363	3.47E-09	0.000379

3901	479363.09	3853377.25	0.01313	0.01418	0.01262	0.00767	2.47E-05	1.2E-06	0.00027	8.6E-09	0.0003	3.02E-05	1.52438E-06	0.000338	4.8E-09	3.69E-04	2.67E-05	1.17E-06	0.000643	4.95E-09	0.000671
3902	479863.09	3853377.25	0.02166	0.02318	0.02013	0.01068	4.07E-05	2E-06	0.00044	1.2E-08	0.00048	4.99E-05	2.4919E-06	0.000538	6.68E-09	5.91E-04	4.4E-05	1.92E-06	0.001025	6.9E-09	0.001071
3903	480363.09	3853377.25	0.03572	0.03469	0.03179	0.01849	6.71E-05	3E-06	0.00069	2.1E-08	0.00076	8.23E-05	3.72925E-06	0.00085	1.16E-08	9.36E-04	7.25E-05	2.87E-06	0.001619	1.19E-08	0.001694
3904	480863.09	3853377.25	0.03894	0.03739	0.03544	0.01877	7.32E-05	3.3E-06	0.00077	2.1E-08	0.00085	8.97E-05	4.01951E-06	0.000948	1.17E-08	1.04E-03	7.91E-05	3.09E-06	0.001805	1.21E-08	0.001887
3905	481363.09	3853377.25	0.05533	0.04974	0.04468	0.02777	1.04E-04	4.4E-06	0.00097	3.1E-08	0.00108	1.27E-04	5.34716E-06	0.001195	1.74E-08	1.33E-03	0.000112	4.11E-06	0.002276	1.79E-08	0.002392
3906	481863.09	3853377.25	0.06605	0.05172	0.04674	0.03344	1.24E-04	4.5E-06	0.00102	3.7E-08	0.00114	1.52E-04	5.56002E-06	0.00125	2.09E-08	1.41E-03	0.000134	4.28E-06	0.00238	2.16E-08	0.002519
3907	482363.09	3853377.25	0.08485	0.05616	0.04862	0.03251	1.59E-04	4.9E-06	0.00106	3.6E-08	0.00122	1.95E-04	6.03733E-06	0.0013	2.03E-08	1.50E-03	0.000172	4.64E-06	0.002476	2.1E-08	0.002653
3908	482863.09	3853377.25	0.10376	0.07286	0.06293	0.04451	1.95E-04	6.4E-06	0.00137	5E-08	0.00157	2.39E-04	7.83261E-06	0.001683	2.78E-08	1.93E-03	0.000211	6.03E-06	0.003205	2.88E-08	0.003422
3909	483363.09	3853377.25	0.10939	0.07506	0.07183	0.04218	2.06E-04	6.6E-06	0.00156	4.7E-08	0.00177	2.52E-04	8.06912E-06	0.001921	2.64E-08	2.18E-03	0.000222	6.21E-06	0.003658	2.72E-08	0.003887
3910	483863.09	3853377.25	0.0994	0.06643	0.06338	0.02881	1.87E-04	5.8E-06	0.00138	3.2E-08	0.00157	2.29E-04	7.14137E-06	0.001695	1.8E-08	1.93E-03	0.000202	5.49E-06	0.003228	1.86E-08	0.003435
3911	484363.09	3853377.25	0.09371	0.05919	0.06078	0.02469	1.76E-04	5.2E-06	0.00132	2.8E-08	0.0015	2.16E-04	6.36306E-06	0.001626	1.54E-08	1.85E-03	0.00019	4.89E-06	0.003096	1.59E-08	0.003291
3912	484863.09	3853377.25	0.07145	0.04634	0.04698	0.01741	1.34E-04	4.1E-06	0.00102	1.9E-08	0.00116	1.65E-04	4.98165E-06	0.001257	1.09E-08	1.43E-03	0.000145	3.83E-06	0.002393	1.12E-08	0.002542
3913	485363.09	3853377.25	0.04451	0.02869	0.0264	0.01149	8.36E-05	2.5E-06	0.00057	1.3E-08	0.00066	1.02E-04	3.08424E-06	0.000706	7.19E-09	8.12E-04	9.04E-05	2.37E-06	0.001345	7.42E-09	0.001437
3914	485863.09	3853377.25	0.03258	0.02466	0.01731	0.00876	6.12E-05	2.2E-06	0.00038	9.8E-09	0.00044	7.50E-05	2.65101E-06	0.000463	5.48E-09	5.41E-04	6.61E-05	2.04E-06	0.000882	5.66E-09	0.00095
3915	486363.09	3853377.25	0.0348	0.03022	0.01853	0.00883	6.54E-05	2.7E-06	0.0004	9.9E-09	0.00047	8.01E-05	3.24872E-06	0.000496	5.52E-09	5.79E-04	7.07E-05	2.5E-06	0.000944	5.7E-09	0.001017
3916	486863.09	3853377.25	0.03685	0.03834	0.02006	0.00919	6.92E-05	3.4E-06	0.00044	1E-08	0.00051	8.49E-05	4.12164E-06	0.000537	5.75E-09	6.26E-04	7.48E-05	3.17E-06	0.001022	5.94E-09	0.0011
3917	487363.09	3853377.25	0.04125	0.04851	0.02466	0.01018	7.75E-05	4.3E-06	0.00054	1.1E-08	0.00062	9.50E-05	5.21493E-06	0.00066	6.37E-09	7.60E-04	8.38E-05	4.01E-06	0.001256	6.58E-09	0.001344
3918	487863.09	3853377.25	0.04454	0.0541	0.02916	0.01174	8.37E-05	4.7E-06	0.00063	1.3E-08	0.00072	1.03E-04	5.81587E-06	0.00078	7.34E-09	8.88E-04	9.04E-05	4.47E-06	0.001485	7.58E-09	0.00158
3919	488363.09	3853377.25	0.04861	0.06055	0.0348	0.0141	9.13E-05	5.3E-06	0.00076	1.6E-08	0.00085	1.12E-04	6.50926E-06	0.000931	8.82E-09	1.05E-03	9.87E-05	5.01E-06	0.001772	9.11E-09	0.001876
3920	488863.09	3853377.25	0.04983	0.06032	0.03851	0.01622	9.36E-05	5.3E-06	0.00084	1.8E-08	0.00094	1.15E-04	6.48454E-06	0.00103	1.01E-08	1.15E-03	0.000101	4.99E-06	0.001961	1.05E-08	0.002068
3921	489363.09	3853377.25	0.05043	0.05973	0.04126	0.01847	9.48E-05	5.2E-06	0.0009	2.1E-08	0.001	1.16E-04	6.42111E-06	0.001104	1.16E-08	1.23E-03	0.000102	4.94E-06	0.002101	1.19E-08	0.002209
3922	489863.09	3853377.25	0.04928	0.05729	0.04229	0.0201	9.26E-05	5E-06	0.00092	2.2E-08	0.00102	1.13E-04	6.1588E-06	0.001131	1.26E-08	1.25E-03	0.0001	4.74E-06	0.002154	1.3E-08	0.002259
3923	490363.09	3853377.25	0.05256	0.0602	0.0469	0.02305	9.88E-05	5.3E-06	0.00102	2.6E-08	0.00112	1.21E-04	6.47163E-06	0.001254	1.44E-08	1.38E-03	0.000107	4.98E-06	0.002389	1.49E-08	0.0025
3924	490863.09	3853377.25	0.05444	0.0603	0.05067	0.0255	1.02E-04	5.3E-06	0.0011	2.8E-08	0.00121	1.25E-04	6.48239E-06	0.001355	1.59E-08	1.49E-03	0.000111	4.99E-06	0.002581	1.65E-08	0.002696
3925	491363.09	3853377.25	0.05594	0.05953	0.05374	0.02786	1.05E-04	5.2E-06	0.00117	3.1E-08	0.00128	1.29E-04	6.39961E-06	0.001437	1.74E-08	1.57E-03	0.000114	4.92E-06	0.002737	1.8E-08	0.002856
3926	491863.09	3853377.25	0.05676	0.05824	0.05573	0.02991	1.07E-04	5.1E-06	0.00121	3.3E-08	0.00132	1.31E-04	6.26093E-06	0.001491	1.87E-08	1.63E-03	0.000115	4.82E-06	0.002838	1.93E-08	0.002958
3927	492363.09	3853377.25	0.05895	0.05892	0.05916	0.03248	1.11E-04	5.2E-06	0.00128	3.6E-08	0.0014	1.36E-04	6.33403E-06	0.001582	2.03E-08	1.72E-03	0.00012	4.87E-06	0.003013	2.1E-08	0.003138
3928	492863.09	3853377.25	0.06064	0.06056	0.06207	0.03492	1.14E-04	5.3E-06	0.00135	3.9E-08	0.00147	1.40E-04	6.51034E-06	0.00166	2.18E-08	1.81E-03	0.000123	5.01E-06	0.003161	2.26E-08	0.003289
3929	493363.09	3853377.25	0.05979	0.06044	0.06167	0.03607	1.12E-04	5.3E-06	0.00134	4E-08	0.00146	1.38E-04	6.49744E-06	0.001649	2.26E-08	1.79E-03	0.000121	5E-06	0.003141	2.33E-08	0.003267
3930	493863.09	3853377.25	0.05837	0.05898	0.06072	0.03665	1.10E-04	5.2E-06	0.00132	4.1E-08	0.00143	1.34E-04	6.34048E-06	0.001624	2.29E-08	1.76E-03	0.000119	4.88E-06	0.003093	2.37E-08	0.003216
3931	494363.09	3853377.25	0.05529	0.05518	0.05794	0.036	1.04E-04	4.8E-06	0.00126	4E-08	0.00137	1.27E-04	5.93197E-06	0.00155	2.25E-08	1.68E-03	0.000112	4.56E-06	0.002951	2.33E-08	0.003068
3932	494863.09	3853377.25	0.05158	0.05136	0.05437	0.03477	9.69E-05	4.5E-06	0.00118	3.9E-08	0.00128	1.19E-04	5.52132E-06	0.001454	2.17E-08	1.58E-03	0.000105	4.25E-06	0.002769	2.25E-08	0.002878
3933	495363.09	3853377.25	0.04941	0.04945	0.05232	0.03433	9.29E-05	4.3E-06	0.00114	3.8E-08	0.00123	1.14E-04	5.31599E-06	0.001399	2.15E-08	1.52E-03	0.0001	4.09E-06	0.002665	2.22E-08	0.002769
3934	495863.09	3853377.25	0.04637	0.04663	0.04921	0.03313	8.71E-05	4.1E-06	0.00107	3.7E-08	0.00116	1.07E-04	5.01283E-06	0.001316	2.07E-08	1.43E-03	9.41E-05	3.86E-06	0.002506	2.14E-08	0.002604
3935	496363.09	3853377.25	0.04243	0.04271	0.04506	0.03118	7.97E-05	3.7E-06	0.00098	3.5E-08	0.00106	9.77E-05	4.59142E-06	0.001205	1.95E-08	1.31E-03	8.61E-05	3.53E-06	0.002295	2.01E-08	0.002385
3936	496863.09	3853377.25	0.0371	0.03728	0.03949	0.02829	6.97E-05	3.3E-06	0.00086	3.2E-08	0.00093	8.54E-05	4.00768E-06	0.001056	1.77E-08	1.15E-03	7.53E-05	3.08E-06	0.002011	1.83E-08	0.00209
3937	497363.09	3853377.25	0.03084	0.0308	0.03278	0.02474	5.80E-05	2.7E-06	0.00071	2.8E-08	0.00077	7.10E-05	3.31107E-06	0.000877	1.55E-08	9.51E-04	6.26E-05	2.55E-06	0.00167	1.6E-08	0.001735
3938	497863.09	3853377.25	0.02087	0.02078	0.02213	0.01843	3.92E-05	1.8E-06	0.00048	2.1E-08	0.00052	4.81E-05	2.2339E-06	0.000592	1.15E-08	6.42E-04	4.24E-05	1.72E-06	0.001127	1.19E-08	0.001171
3939	498363.09	3853377.25	0.01653	0.0165	0.01743	0.01531	3.11E-05	1.4E-06	0.00038	1.7E-08	0.00041	3.81E-05	1.77379E-06	0.000466	9.58E-09	5.06E-04	3.36E-05	1.36E-06	0.000888	9.89E-09	0.000923
3940	471363.09	3853877.25	0.00802	0.00841	0.00833	0.00572	1.51E-05	7.4E-07	0.00018	6.4E-09	0.0002	1.85E-05	9.04094E-07	0.000223	3.58E-09	2.42E-04	1.63E-05	6.95E-07	0.000424	3.69E-09	0.000441
3941	471863.09	3853877.25	0.00884	0.00914	0.00922	0.00626	1.66E-05	8E-07	0.0002	7E-09	0.00022	2.04E-05	9.8257E-07	0.000247	3.92E-09	2.68E-04	1.79E-05	7.56E-07	0.00047	4.04E-09	0.000488
3942	472363.09	3853877.25	0.00941	0.00953	0.00986	0.00656	1.77E-05	8.4E-07	0.00021	7.3E-09	0.00023	2.17E-05	1.0245E-06	0.000264	4.1E-09	2.86E-04	1.91E-05	7.88E-07	0.000502	4.24E-09	0.000522
3943	472863.09	3853877.25	0.01017	0.01009	0.01065	0.007	1.91E-05	8.9E-07	0.00023	7.8E-09	0.00025	2.34E-05	1.0847E-06	0.000285	4.38E-09	3.09E-04	2.06E-05	8.34E-07	0.000542	4.52E-09	0.000564
3944	473363.09	3853877.25	0.01073	0.01048	0.01124	0.00725	2.02E-05	9.2E-07	0.00024	8.1E-09	0.00027	2.47E-05	1.12662E-06	0.000301	4.53E-09	3.26E-04	2.18E-05	8.67E-07	0.000572	4.68E-09	0.000595
3945	473863.09	3853877.25	0.01136	0.01096	0.01187	0.00755	2.13E-05	9.6E-07	0.00026	8.4E-09	0.00028	2.62E-05	1.17822E-06	0.000317	4.72E-09	3.45E-04	2.31E-05	9.06E-07	0.000605	4.88E-09	0.000629
3946	474363.09	3853877.25	0.0122	0.01172	0.01267	0.00801	2.29E-05	1E-06	0.00028	8.9E-09	0.0003	2.81E-05	1.25993E-06	0.000339	5.01E-09	3.68E-04	2.48E-05	9.69E-07	0.000645	5.17E-09	0.000671
3947	474863.09	3853877.25	0.01296	0.01254	0.01335	0.00841	2.44E-05	1.1E-06	0.00029	9.4E-09	0.00032	2.98E-05	1.34808E-06	0.000357	5.26E-09	3.88E-04	2.63E-05	1.04E-06	0.00068	5.43E-09	0.000707
3948	475363.09	3853877.25	0.01289	0.01276	0.01324	0.00818	2.42E-05	1.1E-06	0.00029	9.1E-09	0.00031	2.97E-05	1.37173E-06	0.000354	5.12E-09	3.85E-04	2.62E-05	1.06E-06	0.000674	5.28E-09	0.000702
3949	475863.09	3853877.25	0.01138	0.01159	0.01171	0.00729	2.14E-05	1E-06	0.00025	8.1E-09	0.00028	2.62E-05	1.24595E-06	0.000313	4.56E-09	3.41E-04	2.31E-05	9.58E-07	0.000596	4.71E-09	0.00062
3950	476363.09	3853877.25	0.00966	0.01008	0.00995	0.00653	1.82E-05	8.8E-07	0.00022	7.3E-09	0.00024	2.22E-05	1.08362E-06	0.000266	4.08E-09	2.89E-04	1.96E-05	8.34E-07	0.000507	4.22E-09	0.000527
3951	476863.09	3853877.25	0.00761	0.00808	0.0079	0.00568	1.43E-05	7.1E-07	0.00017	6.3E-09	0.00019	1.75E-05	8.68618E-07	0.000211	3.55E-09	2.30E-04	1.55E-05	6.68E-07	0.000402	3.67E-09	0.000418
3952	477363.09	3853877.25	0.00846	0.00899	0.00881	0.00609	1.59E-05	7.9E-07	0.00019	6.8E-09	0.00021	1.95E-05	9.66445E-07	0.000236	3.81E-09	2.56E-04	1.72E-05	7.43E-07	0.000449	3.93E-09	0.000467
3953	477863.09	3853877.25	0.00996	0.01043	0.01028	0.00672	1.87E-05	9.1E-07	0.00022	7.5E-09	0.00024	2.29E-05	1.12125E-06	0.000275	4.2E-09	2.99E-04	2.02E-05	8.63E-07	0.000524	4.34E-09	0.000545
3954	478363.09	3853877.25	0.0107	0.01096	0.01096	0.00701	2.01E-05	9.6E-07	0.00024	7.8E-09	0.00026	2.46E-05	1.17822E-06	0.000293	4.38E-09	3.19E-04	2.17E-05	9.06E-07	0.000558	4.53E-09	0.000581
3955	478863.09	3853877.25	0.00754	0.00771	0.00757	0.0057	1.42E-05	6.8E-07	0.00016	6.4E-09	0.00018	1.74E-05	8.28842E-07	0.000202	3.57E-09	2.21E-04	1.53E-05	6.38E-07	0.000386	3.68E-09	0.000401
3956	479363.09	3853877.25	0.01063	0.01061	0.01048	0.00705	2.00E-05	9.3E-07	0.00023	7.9E-09	0.00025	2.45E-05	1.1406E-06	0.00028	4.41E-09	3.06E-04	2.16E-05	8.77E-07	0.000534	4.55E-09	0.000556
3957	479863.09	3853877.25	0.02148	0.02148	0.02034	0.01085	4.04E-05	1.9E-06	0.00044	1.2E-08	0.00048	4.95E-05	2.30915E-06	0.000544	6.79E-09	5.96E-04	4.36E-05	1.78E-06	0.001036	7.01E-09	0.001081
3958	480363.09	3853877.25	0.03271	0.03432	0.02984	0.01488	6.15E-05	3E-06	0.00065	1.7E-08	0.00071	7.53E-05	3.68948E-06	0.000798	9.31E-09	8.77E-04	6.64E-05	2.84E-06	0.00152	9.61E-09	0.001589
3959	480863.09	3853877.25	0.05097	0.05355	0.04206	0.02381	9.58E-05	4.7E-06	0.00091	2.7E-08	0.00101	1.17E-04	5.75674E-06	0.001125	1.49E-08	1.25E-03	0.000103	4.43E-06	0.002142	1.54E-08	0.00225
3960	481363.09	3853877.25	0.06708	0.06135	0.05089	0.03146	1.26E-04	5.4E-06	0.00111	3.5E-08	0.00124	1.54E-04	6.59526E-06	0.001361	1.97E-08	1.52E-03	0.000136	5.07E-06	0.002592	2.03E-08	0.002733
3961	481863.09	3853877.25	0.08554	0.0653	0.05665	0.04259	1.61E-04	5.7E-06	0.00123	4.8E-08	0.0014	1.97E-04	7.0199E-06	0.001515	2.66E-08	1.72E-03	0.000174	5.4E-06	0.002885	2.75E-08	0.003064

3962	482363.09	3853877.25	0.13093	0.07971	0.06484	0.04672	2.46E-04	7E-06	0.00141	5.2E-08	0.00166	3.02E-04	8.569E-06	0.001734	2.92E-08	2.04E-03	0.000266	6.59E-06	0.003302	3.02E-08	0.003575
3963	482863.09	3853877.25	0.64347	0.09631	0.07266	0.0445	1.21E-03	8.4E-06	0.00158	5E-08	0.0028	1.48E-03	1.03535E-05	0.001943	2.78E-08	3.44E-03	0.001306	7.96E-06	0.003701	2.87E-08	0.005015
3964	483363.09	3853877.25	0.38052	0.134	0.09776	0.05051	7.15E-04	1.2E-05	0.00212	5.6E-08	0.00285	8.76E-04	1.44053E-05	0.002615	3.16E-08	3.51E-03	0.000773	1.11E-05	0.004979	3.26E-08	0.005763
3965	483863.09	3853877.25	0.2487	0.12207	0.10612	0.05175	4.67E-04	1.1E-05	0.0023	5.8E-08	0.00278	5.73E-04	1.31228E-05	0.002838	3.24E-08	3.42E-03	0.000505	1.01E-05	0.005405	3.34E-08	0.00592
3966	484363.09	3853877.25	0.16715	0.09801	0.08844	0.03058	3.14E-04	8.6E-06	0.00192	3.4E-08	0.00224	3.85E-04	1.05363E-05	0.002365	1.91E-08	2.76E-03	0.000339	8.11E-06	0.004504	1.98E-08	0.004852
3967	484863.09	3853877.25	0.10573	0.06209	0.05633	0.02011	1.99E-04	5.4E-06	0.00122	2.2E-08	0.00143	2.43E-04	6.67481E-06	0.001507	1.26E-08	1.76E-03	0.000215	5.13E-06	0.002869	1.3E-08	0.003089
3968	485363.09	3853877.25	0.06317	0.04602	0.0289	0.01351	1.19E-04	4E-06	0.00063	1.5E-08	0.00075	1.45E-04	4.94725E-06	0.000773	8.45E-09	9.23E-04	0.000128	3.81E-06	0.001472	8.73E-09	0.001604
3969	485863.09	3853877.25	0.07226	0.06726	0.03481	0.01351	1.36E-04	5.9E-06	0.00076	1.5E-08	0.0009	1.66E-04	7.2306E-06	0.000931	8.45E-09	1.10E-03	0.000147	5.56E-06	0.001773	8.73E-09	0.001925
3970	486363.09	3853877.25	0.07313	0.08772	0.03794	0.01379	1.37E-04	7.7E-06	0.00082	1.5E-08	0.00097	1.68E-04	9.4301E-06	0.001015	8.62E-09	1.19E-03	0.000148	7.25E-06	0.001932	8.91E-09	0.002088
3971	486863.09	3853877.25	0.07155	0.095	0.04155	0.01467	1.34E-04	8.3E-06	0.0009	1.6E-08	0.00105	1.65E-04	1.02127E-05	0.001111	9.18E-09	1.29E-03	0.000145	7.86E-06	0.002116	9.48E-09	0.002269
3972	487363.09	3853877.25	0.07688	0.10424	0.05077	0.01794	1.44E-04	9.1E-06	0.0011	2E-08	0.00126	1.77E-04	1.1206E-05	0.001358	1.12E-08	1.55E-03	0.000156	8.62E-06	0.002586	1.16E-08	0.00275
3973	487863.09	3853877.25	0.08787	0.11577	0.06498	0.02318	1.65E-04	1E-05	0.00141	2.6E-08	0.00159	2.02E-04	1.24455E-05	0.001738	1.45E-08	1.95E-03	0.000178	9.57E-06	0.003309	1.5E-08	0.003497
3974	488363.09	3853877.25	0.09097	0.11702	0.07311	0.02777	1.71E-04	1E-05	0.00159	3.1E-08	0.00177	2.09E-04	1.25799E-05	0.001955	1.74E-08	2.18E-03	0.000185	9.68E-06	0.003724	1.79E-08	0.003918
3975	488863.09	3853877.25	0.09597	0.11765	0.08282	0.03315	1.80E-04	1E-05	0.0018	3.7E-08	0.00199	2.21E-04	1.26476E-05	0.002215	2.07E-08	2.45E-03	0.000195	9.73E-06	0.004218	2.14E-08	0.004423
3976	489363.09	3853877.25	0.08939	0.10453	0.08066	0.035	1.68E-04	9.2E-06	0.00175	3.9E-08	0.00193	2.06E-04	1.12372E-05	0.002157	2.19E-08	2.37E-03	0.000181	8.64E-06	0.004108	2.26E-08	0.004298
3977	489863.09	3853877.25	0.08943	0.10121	0.08397	0.03856	1.68E-04	8.9E-06	0.00182	4.3E-08	0.002	2.06E-04	1.08803E-05	0.002246	2.41E-08	2.46E-03	0.000182	8.37E-06	0.004277	2.49E-08	0.004467
3978	490363.09	3853877.25	0.08632	0.09365	0.08356	0.04058	1.62E-04	8.2E-06	0.00181	4.5E-08	0.00199	1.99E-04	1.00676E-05	0.002235	2.54E-08	2.44E-03	0.000175	7.74E-06	0.004256	2.62E-08	0.004439
3979	490863.09	3853877.25	0.08511	0.08835	0.0847	0.04302	1.60E-04	7.8E-06	0.00184	4.8E-08	0.00201	1.96E-04	9.49782E-06	0.002265	2.69E-08	2.47E-03	0.000173	7.31E-06	0.004314	2.78E-08	0.004494
3980	491363.09	3853877.25	0.08419	0.08433	0.08582	0.0452	1.58E-04	7.4E-06	0.00186	5.1E-08	0.00203	1.94E-04	9.06566E-06	0.002295	2.83E-08	2.50E-03	0.000171	6.97E-06	0.004371	2.92E-08	0.004549
3981	491863.09	3853877.25	0.08283	0.08136	0.08604	0.04685	1.56E-04	7.1E-06	0.00187	5.2E-08	0.00203	1.91E-04	8.74638E-06	0.002301	2.93E-08	2.50E-03	0.000168	6.73E-06	0.004382	3.03E-08	0.004557
3982	492363.09	3853877.25	0.08375	0.08278	0.08825	0.04995	1.57E-04	7.3E-06	0.00192	5.6E-08	0.00208	1.93E-04	8.89904E-06	0.00236	3.12E-08	2.56E-03	0.00017	6.85E-06	0.004495	3.23E-08	0.004672
3983	492863.09	3853877.25	0.08258	0.08193	0.08776	0.05171	1.55E-04	7.2E-06	0.00191	5.8E-08	0.00207	1.90E-04	8.80766E-06	0.002347	3.23E-08	2.55E-03	0.000168	6.78E-06	0.00447	3.34E-08	0.004644
3984	493363.09	3853877.25	0.07896	0.07722	0.08448	0.05145	1.48E-04	6.8E-06	0.00183	5.7E-08	0.00199	1.82E-04	8.30132E-06	0.002259	3.22E-08	2.45E-03	0.00016	6.39E-06	0.004303	3.32E-08	0.004469
3985	493863.09	3853877.25	0.07444	0.07238	0.08002	0.05021	1.40E-04	6.3E-06	0.00174	5.6E-08	0.00188	1.71E-04	7.78101E-06	0.00214	3.14E-08	2.32E-03	0.000151	5.99E-06	0.004075	3.24E-08	0.004233
3986	494363.09	3853877.25	0.07069	0.06931	0.07618	0.04918	1.33E-04	6.1E-06	0.00165	5.5E-08	0.00179	1.63E-04	7.45098E-06	0.002037	3.08E-08	2.21E-03	0.000144	5.73E-06	0.00388	3.18E-08	0.004029
3987	494863.09	3853877.25	0.06567	0.06484	0.07083	0.0468	1.23E-04	5.7E-06	0.00154	5.2E-08	0.00167	1.51E-04	6.97045E-06	0.001894	2.93E-08	2.05E-03	0.000133	5.36E-06	0.003607	3.02E-08	0.003746
3988	495363.09	3853877.25	0.05665	0.0561	0.061	0.04136	1.06E-04	4.9E-06	0.00132	4.6E-08	0.00144	1.30E-04	6.03088E-06	0.001631	2.59E-08	1.77E-03	0.000115	4.64E-06	0.003107	2.67E-08	0.003226
3989	495863.09	3853877.25	0.04961	0.0492	0.05327	0.03733	9.32E-05	4.3E-06	0.00116	4.2E-08	0.00125	1.14E-04	5.28911E-06	0.001425	2.33E-08	1.54E-03	0.000101	4.07E-06	0.002713	2.41E-08	0.002818
3990	496363.09	3853877.25	0.04502	0.04465	0.04828	0.03476	8.46E-05	3.9E-06	0.00105	3.9E-08	0.00114	1.04E-04	4.79998E-06	0.001291	2.17E-08	1.40E-03	9.14E-05	3.69E-06	0.002459	2.25E-08	0.002554
3991	496863.09	3853877.25	0.03781	0.03754	0.0406	0.03047	7.11E-05	3.3E-06	0.00088	3.4E-08	0.00096	8.71E-05	4.03563E-06	0.001086	1.91E-08	1.18E-03	7.68E-05	3.1E-06	0.002068	1.97E-08	0.002148
3992	497363.09	3853877.25	0.03217	0.03208	0.03444	0.027	6.05E-05	2.8E-06	0.00075	3E-08	0.00081	7.41E-05	3.44867E-06	0.000921	1.69E-08	9.99E-04	6.53E-05	2.65E-06	0.001754	1.74E-08	0.001822
3993	497863.09	3853877.25	0.02531	0.02531	0.02698	0.02248	4.76E-05	2.2E-06	0.00059	2.5E-08	0.00064	5.83E-05	2.72088E-06	0.000722	1.41E-08	7.83E-04	5.14E-05	2.09E-06	0.001374	1.45E-08	0.001428
3994	498363.09	3853877.25	0.02149	0.02159	0.02283	0.0197	4.04E-05	1.9E-06	0.0005	2.2E-08	0.00054	4.95E-05	2.32097E-06	0.000611	1.23E-08	6.62E-04	4.36E-05	1.79E-06	0.001163	1.27E-08	0.001208
3995	471363.09	3854377.25	0.00822	0.00892	0.00821	0.00578	1.54E-05	7.8E-07	0.00018	6.5E-09	0.00019	1.89E-05	9.5892E-07	0.00022	3.62E-09	2.39E-04	1.67E-05	7.38E-07	0.000418	3.73E-09	0.000436
3996	471863.09	3854377.25	0.00901	0.00987	0.009	0.00633	1.69E-05	8.7E-07	0.0002	7.1E-09	0.00021	2.07E-05	1.06105E-06	0.000241	3.96E-09	2.63E-04	1.83E-05	8.16E-07	0.000458	4.09E-09	0.000477
3997	472363.09	3854377.25	0.00964	0.01062	0.00968	0.00672	1.81E-05	9.3E-07	0.00021	7.5E-09	0.00023	2.22E-05	1.14167E-06	0.000259	4.2E-09	2.82E-04	1.96E-05	8.78E-07	0.000493	4.34E-09	0.000513
3998	472863.09	3854377.25	0.01018	0.01121	0.01029	0.007	1.91E-05	9.8E-07	0.00022	7.8E-09	0.00024	2.34E-05	1.2051E-06	0.000275	4.38E-09	3.00E-04	2.07E-05	9.27E-07	0.000524	4.52E-09	0.000546
3999	473363.09	3854377.25	0.01092	0.0119	0.01111	0.00742	2.05E-05	1E-06	0.00024	8.3E-09	0.00026	2.51E-05	1.27928E-06	0.000297	4.64E-09	3.24E-04	2.22E-05	9.84E-07	0.000566	4.79E-09	0.000589
4000	473863.09	3854377.25	0.01184	0.01265	0.0121	0.00795	2.22E-05	1.1E-06	0.00026	8.9E-09	0.00029	2.73E-05	1.3599E-06	0.000324	4.97E-09	3.52E-04	2.4E-05	1.05E-06	0.000616	5.14E-09	0.000641
4001	474363.09	3854377.25	0.01278	0.01333	0.01311	0.00845	2.40E-05	1.2E-06	0.00028	9.4E-09	0.00031	2.94E-05	1.433E-06	0.000351	5.28E-09	3.82E-04	2.59E-05	1.1E-06	0.000668	5.46E-09	0.000695
4002	474863.09	3854377.25	0.01272	0.0129	0.01314	0.00811	2.39E-05	1.1E-06	0.00029	9.1E-09	0.00031	2.93E-05	1.38678E-06	0.000351	5.07E-09	3.82E-04	2.58E-05	1.07E-06	0.000669	5.24E-09	0.000696
4003	475363.09	3854377.25	0.01145	0.01135	0.01198	0.00718	2.15E-05	1E-06	0.00026	8E-09	0.00028	2.64E-05	1.22015E-06	0.00032	4.49E-09	3.48E-04	2.32E-05	9.39E-07	0.00061	4.64E-09	0.000634
4004	475863.09	3854377.25	0.00801	0.00793	0.00837	0.00564	1.51E-05	7E-07	0.00018	6.3E-09	0.0002	1.84E-05	8.52493E-07	0.000224	3.53E-09	2.43E-04	1.63E-05	6.56E-07	0.000426	3.64E-09	0.000443
4005	476363.09	3854377.25	0.00722	0.0072	0.00748	0.00542	1.36E-05	6.3E-07	0.00016	6.1E-09	0.00018	1.66E-05	7.74016E-07	0.0002	3.39E-09	2.17E-04	1.47E-05	5.95E-07	0.000381	3.5E-09	0.000396
4006	476863.09	3854377.25	0.00701	0.00708	0.00722	0.00544	1.32E-05	6.2E-07	0.00016	6.1E-09	0.00017	1.61E-05	7.61116E-07	0.000193	3.4E-09	2.10E-04	1.42E-05	5.86E-07	0.000368	3.51E-09	0.000383
4007	477363.09	3854377.25	0.00702	0.00721	0.0072	0.00554	1.32E-05	6.3E-07	0.00016	6.2E-09	0.00017	1.62E-05	7.75091E-07	0.000193	3.46E-09	2.10E-04	1.43E-05	5.96E-07	0.000367	3.58E-09	0.000382
4008	477863.09	3854377.25	0.00726	0.00755	0.00743	0.00576	1.36E-05	6.6E-07	0.00016	6.4E-09	0.00018	1.67E-05	8.11642E-07	0.000199	3.6E-09	2.16E-04	1.47E-05	6.24E-07	0.000378	3.72E-09	0.000394
4009	478363.09	3854377.25	0.00869	0.00907	0.00895	0.00657	1.63E-05	8E-07	0.00019	7.3E-09	0.00021	2.00E-05	9.75045E-07	0.000239	4.11E-09	2.60E-04	1.76E-05	7.5E-07	0.000456	4.24E-09	0.000474
4010	478863.09	3854377.25	0.00967	0.01009	0.00998	0.00708	1.82E-05	8.9E-07	0.00022	7.9E-09	0.00024	2.23E-05	1.0847E-06	0.000267	4.43E-09	2.90E-04	1.96E-05	8.34E-07	0.000508	4.57E-09	0.000529
4011	479363.09	3854377.25	0.01576	0.01573	0.01627	0.00956	2.96E-05	1.4E-06	0.00035	1.1E-08	0.00038	3.63E-05	1.69101E-06	0.000435	5.98E-09	4.73E-04	3.2E-05	1.3E-06	0.000829	6.18E-09	0.000862
4012	479863.09	3854377.25	0.02153	0.02101	0.02193	0.01153	4.05E-05	1.8E-06	0.00048	1.3E-08	0.00052	4.96E-05	2.25862E-06	0.000587	7.21E-09	6.38E-04	4.37E-05	1.74E-06	0.001117	7.45E-09	0.001162
4013	480363.09	3854377.25	0.03206	0.03216	0.0315	0.01496	6.02E-05	2.8E-06	0.00068	1.7E-08	0.00075	7.38E-05	3.45727E-06	0.000842	9.36E-09	9.20E-04	6.51E-05	2.66E-06	0.001604	9.66E-09	0.001672
4014	480863.09	3854377.25	0.05108	0.05515	0.04671	0.02202	9.60E-05	4.8E-06	0.00101	2.5E-08	0.00112	1.18E-04	5.92875E-06	0.001249	1.38E-08	1.37E-03	0.000104	4.56E-06	0.002379	1.42E-08	0.002487
4015	481363.09	3854377.25	0.07382	0.07955	0.05969	0.0322	1.39E-04	7E-06	0.0013	3.6E-08	0.00144	1.70E-04	8.5518E-06	0.001596	2.01E-08	1.78E-03	0.00015	6.58E-06	0.00304	2.08E-08	0.003197
4016	481863.09	3854377.25	0.09937	0.09282	0.06822	0.04978	1.87E-04	8.1E-06	0.00148	5.6E-08	0.00168	2.29E-04	9.97836E-06	0.001825	3.11E-08	2.06E-03	0.000202	7.68E-06	0.003474	3.22E-08	0.003684
4017	482363.09	3854377.25	0.14131	0.11363	0.07985	0.0574	2.66E-04	1E-05	0.00173	6.4E-08	0.00201	3.25E-04	1.22155E-05	0.002136	3.59E-08	2.47E-03	0.000287	9.4E-06	0.004067	3.71E-08	0.004363
4018	482863.09	3854377.25	0.29939	0.15254	0.10085	0.06513	5.63E-04	1.3E-05	0.00219	7.3E-08	0.00277	6.89E-04	1.63984E-05	0.002697	4.07E-08	3.40E-03	0.000608	1.26E-05	0.005136	4.21E-08	0.005757
4019	483363.09	3854377.25	0.87788	0.23684	0.12891	0.06261	1.65E-03	2.1E-05	0.0028	7E-08	0.00447	2.02E-03	2.54608E-05	0.003448	3.92E-08	5.49E-03	0.001782	1.96E-05	0.006565	4.04E-08	0.008368
4020	483863.09	3854377.25	0.43699	0.30573	0.17308	0.0499	8.21E-04	2.7E-05	0.00376	5.6E-08	0.00461	1.01E-03	3.28667E-05	0.004629	3.12E-08	5.67E-03	0.000887	2.53E-05	0.008815	3.22E-08	0.009728
4021	484363.09	3854377.25	0.26139	0.16231	0.12456	0.03765	4.91E-04	1.4E-05	0.0027	4.2E-08	0.00321	6.02E-04	1.74487E-05	0.003331	2.35E-08	3.95E-03	0.000531	1.34E-05	0.006344	2.43E-08	0.006888
4022	484863.09	3854377.25	0.1631	0.13324	0.06255	0.02493	3.06E-04	1.2E-05	0.00136	2.8E-08	0.00168	3.76E-04	1.43236E-05	0.001673	1.56E-08	2.06E-03	0.000331	1.1E-05	0.003186	1.61E-08	0.003528

4023	485363.09	3854377.25	0.21163	0.26082	0.09107	0.02546	3.98E-04	2.3E-05	0.00198	2.8E-08	0.0024	4.87E-04	2.80387E-05	0.002436	1.59E-08	2.95E-03	0.00043	2.16E-05	0.004638	1.64E-08	0.00509
4024	485863.09	3854377.25	0.16721	0.25526	0.0865	0.02278	3.14E-04	2.2E-05	0.00188	2.5E-08	0.00222	3.85E-04	2.7441E-05	0.002314	1.42E-08	2.73E-03	0.000339	2.11E-05	0.004405	1.47E-08	0.004766
4025	486363.09	3854377.25	0.17475	0.27442	0.1105	0.02839	3.28E-04	2.4E-05	0.0024	3.2E-08	0.00275	4.02E-04	2.95008E-05	0.002955	1.78E-08	3.39E-03	0.000355	2.27E-05	0.005628	1.83E-08	0.006005
4026	486863.09	3854377.25	0.15757	0.24066	0.11398	0.03426	2.96E-04	2.1E-05	0.00248	3.8E-08	0.00279	3.63E-04	2.58715E-05	0.003048	2.14E-08	3.44E-03	0.00032	1.99E-05	0.005805	2.21E-08	0.006145
4027	487363.09	3854377.25	0.15813	0.22522	0.12733	0.04232	2.97E-04	2E-05	0.00277	4.7E-08	0.00308	3.64E-04	2.42117E-05	0.003406	2.65E-08	3.79E-03	0.000321	1.86E-05	0.006485	2.73E-08	0.006825
4028	487863.09	3854377.25	0.16338	0.21551	0.14323	0.05139	3.07E-04	1.9E-05	0.00311	5.7E-08	0.00344	3.76E-04	2.31678E-05	0.003831	3.21E-08	4.23E-03	0.000332	1.78E-05	0.007295	3.32E-08	0.007644
4029	488363.09	3854377.25	0.16085	0.1971	0.1499	0.05858	3.02E-04	1.7E-05	0.00326	6.5E-08	0.00357	3.70E-04	2.11887E-05	0.004009	3.66E-08	4.40E-03	0.000327	1.63E-05	0.007634	3.78E-08	0.007977
4030	488863.09	3854377.25	0.15629	0.17855	0.1525	0.06456	2.94E-04	1.6E-05	0.00331	7.2E-08	0.00362	3.60E-04	1.91945E-05	0.004079	4.04E-08	4.46E-03	0.000317	1.48E-05	0.007767	4.17E-08	0.008099
4031	489363.09	3854377.25	0.14952	0.16252	0.15077	0.06846	2.81E-04	1.4E-05	0.00327	7.6E-08	0.00357	3.44E-04	1.74713E-05	0.004032	4.28E-08	4.39E-03	0.000304	1.34E-05	0.007679	4.42E-08	0.007996
4032	489863.09	3854377.25	0.1414	0.14644	0.14609	0.07053	2.66E-04	1.3E-05	0.00317	7.9E-08	0.00345	3.26E-04	1.57426E-05	0.003907	4.41E-08	4.25E-03	0.000287	1.21E-05	0.00744	4.56E-08	0.00774
4033	490363.09	3854377.25	0.13243	0.13006	0.13951	0.07083	2.49E-04	1.1E-05	0.00303	7.9E-08	0.00329	3.05E-04	1.39817E-05	0.003731	4.43E-08	4.05E-03	0.000269	1.08E-05	0.007105	4.58E-08	0.007385
4034	490863.09	3854377.25	0.10853	0.10302	0.11569	0.06139	2.04E-04	9E-06	0.00251	6.9E-08	0.00273	2.50E-04	1.10749E-05	0.003094	3.84E-08	3.36E-03	0.00022	8.52E-06	0.005892	3.97E-08	0.006121
4035	491363.09	3854377.25	0.11386	0.10697	0.1232	0.06771	2.14E-04	9.4E-06	0.00268	7.6E-08	0.0029	2.62E-04	1.14995E-05	0.003295	4.23E-08	3.57E-03	0.000231	8.85E-06	0.006275	4.37E-08	0.006515
4036	491863.09	3854377.25	0.11526	0.10986	0.12586	0.07281	2.17E-04	9.6E-06	0.00273	8.1E-08	0.00296	2.65E-04	1.18102E-05	0.003366	4.55E-08	3.64E-03	0.000234	9.09E-06	0.00641	4.7E-08	0.006653
4037	492363.09	3854377.25	0.11213	0.10671	0.12314	0.07469	2.11E-04	9.4E-06	0.00267	8.3E-08	0.00289	2.58E-04	1.14716E-05	0.003293	4.67E-08	3.56E-03	0.000228	8.82E-06	0.006272	4.82E-08	0.006508
4038	492863.09	3854377.25	0.1061	0.10081	0.11691	0.07345	1.99E-04	8.8E-06	0.00254	8.2E-08	0.00275	2.44E-04	1.08373E-05	0.003127	4.59E-08	3.38E-03	0.000215	8.34E-06	0.005954	4.74E-08	0.006178
4039	493363.09	3854377.25	0.09877	0.09508	0.10893	0.07024	1.86E-04	8.3E-06	0.00237	7.8E-08	0.00256	2.27E-04	1.02213E-05	0.002913	4.39E-08	3.15E-03	0.000201	7.86E-06	0.005548	4.54E-08	0.005756
4040	493863.09	3854377.25	0.09153	0.08927	0.10094	0.06651	1.72E-04	7.8E-06	0.00219	7.4E-08	0.00237	2.11E-04	9.59673E-06	0.0027	4.16E-08	2.92E-03	0.000186	7.38E-06	0.005141	4.3E-08	0.005334
4041	494363.09	3854377.25	0.08492	0.08338	0.0935	0.06284	1.60E-04	7.3E-06	0.00203	7E-08	0.0022	1.96E-04	8.96354E-06	0.002501	3.93E-08	2.71E-03	0.000172	6.9E-06	0.004762	4.06E-08	0.004941
4042	494863.09	3854377.25	0.06962	0.06825	0.07634	0.0521	1.31E-04	6E-06	0.00166	5.8E-08	0.00179	1.60E-04	7.33703E-06	0.002042	3.26E-08	2.21E-03	0.000141	5.64E-06	0.003888	3.37E-08	0.004035
4043	495363.09	3854377.25	0.05488	0.0539	0.05983	0.04279	1.03E-04	4.7E-06	0.0013	4.8E-08	0.00141	1.26E-04	5.79437E-06	0.0016	2.68E-08	1.73E-03	0.000111	4.46E-06	0.003047	2.76E-08	0.003163
4044	495863.09	3854377.25	0.0456	0.0451	0.04968	0.03716	8.57E-05	4E-06	0.00108	4.2E-08	0.00117	1.05E-04	4.84835E-06	0.001329	2.32E-08	1.44E-03	9.26E-05	3.73E-06	0.00253	2.4E-08	0.002627
4045	496363.09	3854377.25	0.04105	0.04093	0.04457	0.03432	7.71E-05	3.6E-06	0.00097	3.8E-08	0.00105	9.45E-05	4.40007E-06	0.001192	2.15E-08	1.29E-03	8.33E-05	3.38E-06	0.00227	2.22E-08	0.002357
4046	496863.09	3854377.25	0.03557	0.03568	0.03846	0.03071	6.68E-05	3.1E-06	0.00084	3.4E-08	0.00091	8.19E-05	3.83568E-06	0.001029	1.92E-08	1.11E-03	7.22E-05	2.95E-06	0.001959	1.98E-08	0.002034
4047	497363.09	3854377.25	0.02798	0.02827	0.03007	0.02547	5.26E-05	2.5E-06	0.00065	2.8E-08	0.00071	6.44E-05	3.03909E-06	0.000804	1.59E-08	8.72E-04	5.68E-05	2.34E-06	0.001531	1.65E-08	0.001591
4048	497863.09	3854377.25	0.0284	0.0289	0.03045	0.0257	5.34E-05	2.5E-06	0.00066	2.9E-08	0.00072	6.54E-05	3.10681E-06	0.000814	1.61E-08	8.83E-04	5.77E-05	2.39E-06	0.001551	1.66E-08	0.001611
4049	498363.09	3854377.25	0.02437	0.02496	0.026	0.02267	4.58E-05	2.2E-06	0.00056	2.5E-08	0.00061	5.61E-05	2.68326E-06	0.000695	1.42E-08	7.54E-04	4.95E-05	2.06E-06	0.001324	1.46E-08	0.001376
4050	471363.09	3854877.25	0.00842	0.00883	0.00864	0.00584	1.58E-05	7.7E-07	0.00019	6.5E-09	0.0002	1.94E-05	9.49245E-07	0.000231	3.65E-09	2.51E-04	1.71E-05	7.3E-07	0.00044	3.77E-09	0.000458
4051	471863.09	3854877.25	0.00907	0.0095	0.00928	0.00629	1.70E-05	8.3E-07	0.0002	7E-09	0.00022	2.09E-05	1.02127E-06	0.000248	3.93E-09	2.70E-04	1.84E-05	7.86E-07	0.000473	4.06E-09	0.000492
4052	472363.09	3854877.25	0.00968	0.01016	0.00987	0.00668	1.82E-05	8.9E-07	0.00021	7.5E-09	0.00023	2.23E-05	1.09222E-06	0.000264	4.18E-09	2.87E-04	1.97E-05	8.4E-07	0.000503	4.32E-09	0.000523
4053	472863.09	3854877.25	0.01005	0.01064	0.01025	0.00686	1.89E-05	9.3E-07	0.00022	7.7E-09	0.00024	2.31E-05	1.14382E-06	0.000274	4.29E-09	2.98E-04	2.04E-05	8.8E-07	0.000522	4.43E-09	0.000543
4054	473363.09	3854877.25	0.01099	0.01176	0.01117	0.00749	2.07E-05	1E-06	0.00024	8.4E-09	0.00026	2.53E-05	1.26423E-06	0.000299	4.68E-09	3.25E-04	2.23E-05	9.73E-07	0.000569	4.84E-09	0.000592
4055	473863.09	3854877.25	0.01192	0.01293	0.0121	0.00808	2.24E-05	1.1E-06	0.00026	9E-09	0.00029	2.74E-05	1.39E-06	0.000324	5.05E-09	3.52E-04	2.42E-05	1.07E-06	0.000616	5.22E-09	0.000642
4056	474363.09	3854877.25	0.01312	0.01443	0.01331	0.00888	2.47E-05	1.3E-06	0.00029	9.9E-09	0.00031	3.02E-05	1.55126E-06	0.000356	5.55E-09	3.88E-04	2.66E-05	1.19E-06	0.000678	5.74E-09	0.000706
4057	474863.09	3854877.25	0.01174	0.01304	0.01218	0.00753	2.21E-05	1.1E-06	0.00026	8.4E-09	0.00029	2.70E-05	1.40183E-06	0.000326	4.71E-09	3.54E-04	2.38E-05	1.08E-06	0.00062	4.86E-09	0.000645
4058	475363.09	3854877.25	0.00948	0.01033	0.00997	0.00625	1.78E-05	9.1E-07	0.00022	7E-09	0.00024	2.18E-05	1.1105E-06	0.000267	3.91E-09	2.90E-04	1.92E-05	8.54E-07	0.000508	4.04E-09	0.000528
4059	475863.09	3854877.25	0.00714	0.0076	0.0075	0.00525	1.34E-05	6.7E-07	0.00016	5.9E-09	0.00018	1.64E-05	8.17017E-07	0.000201	3.28E-09	2.18E-04	1.45E-05	6.29E-07	0.000382	3.39E-09	0.000397
4060	476363.09	3854877.25	0.00457	0.00479	0.00471	0.00408	8.59E-06	4.2E-07	0.0001	4.6E-09	0.00011	1.05E-05	5.14936E-07	0.000126	2.55E-09	1.37E-04	9.28E-06	3.96E-07	0.00024	2.64E-09	0.00025
4061	476863.09	3854877.25	0.00457	0.00478	0.0047	0.00413	8.59E-06	4.2E-07	0.0001	4.6E-09	0.00011	1.05E-05	5.13861E-07	0.000126	2.58E-09	1.37E-04	9.28E-06	3.95E-07	0.000239	2.67E-09	0.000249
4062	477363.09	3854877.25	0.00565	0.00587	0.00584	0.00484	1.06E-05	5.1E-07	0.00013	5.4E-09	0.00014	1.30E-05	6.31038E-07	0.000156	3.03E-09	1.70E-04	1.15E-05	4.85E-07	0.000297	3.13E-09	0.000309
4063	477863.09	3854877.25	0.00675	0.00694	0.00699	0.0055	1.27E-05	6.1E-07	0.00015	6.1E-09	0.00017	1.55E-05	7.46066E-07	0.000187	3.44E-09	2.03E-04	1.37E-05	5.74E-07	0.000356	3.55E-09	0.00037
4064	478363.09	3854877.25	0.00938	0.00961	0.00973	0.00687	1.76E-05	8.4E-07	0.00021	7.7E-09	0.00023	2.16E-05	1.0331E-06	0.00026	4.3E-09	2.83E-04	1.9E-05	7.95E-07	0.000496	4.44E-09	0.000515
4065	478863.09	3854877.25	0.01397	0.01441	0.01428	0.00894	2.63E-05	1.3E-06	0.00031	1E-08	0.00034	3.22E-05	1.54911E-06	0.000382	5.59E-09	4.16E-04	2.84E-05	1.19E-06	0.000727	5.77E-09	0.000757
4066	479363.09	3854877.25	0.02106	0.02202	0.02158	0.01184	3.96E-05	1.9E-06	0.00047	1.3E-08	0.00051	4.85E-05	2.3672E-06	0.000577	7.41E-09	6.28E-04	4.28E-05	1.82E-06	0.001099	7.65E-09	0.001144
4067	479863.09	3854877.25	0.03089	0.0326	0.03181	0.0157	5.80E-05	2.9E-06	0.00069	1.8E-08	0.00075	7.11E-05	3.50457E-06	0.000851	9.82E-09	9.25E-04	6.27E-05	2.7E-06	0.00162	1.01E-08	0.001686
4068	480363.09	3854877.25	0.04137	0.04313	0.04187	0.01988	7.77E-05	3.8E-06	0.00091	2.2E-08	0.00099	9.53E-05	4.63657E-06	0.00112	1.24E-08	1.22E-03	8.4E-05	3.57E-06	0.002132	1.28E-08	0.00222
4069	480863.09	3854877.25	0.05958	0.06059	0.05655	0.02837	1.12E-04	5.3E-06	0.00123	3.2E-08	0.00135	1.37E-04	6.51356E-06	0.001512	1.77E-08	1.66E-03	0.000121	5.01E-06	0.00288	1.83E-08	0.003006
4070	481363.09	3854877.25	0.07741	0.07807	0.0689	0.0359	1.45E-04	6.8E-06	0.0015	4E-08	0.00165	1.78E-04	8.3927E-06	0.001843	2.25E-08	2.03E-03	0.000157	6.46E-06	0.003509	2.32E-08	0.003673
4071	481863.09	3854877.25	0.09124	0.09671	0.07931	0.03542	1.71E-04	8.5E-06	0.00172	4E-08	0.0019	2.10E-04	1.03965E-05	0.002121	2.22E-08	2.34E-03	0.000185	8E-06	0.004039	2.29E-08	0.004233
4072	482363.09	3854877.25	0.13426	0.13196	0.09839	0.07353	2.52E-04	1.2E-05	0.00214	8.2E-08	0.0024	3.09E-04	1.4186E-05	0.002632	4.6E-08	2.95E-03	0.000273	1.09E-05	0.005011	4.75E-08	0.005295
4073	482863.09	3854877.25	0.20083	0.21023	0.13018	0.08792	3.77E-04	1.8E-05	0.00283	9.8E-08	0.00322	4.62E-04	2.26002E-05	0.003482	5.5E-08	3.97E-03	0.000408	1.74E-05	0.00663	5.68E-08	0.007055
4074	483363.09	3854877.25	0.34053	0.40965	0.18491	0.10648	6.40E-04	3.6E-05	0.00402	1.2E-07	0.00469	7.84E-04	4.40383E-05	0.004946	6.66E-08	5.77E-03	0.000691	3.39E-05	0.009418	6.88E-08	0.010143
4075	483863.09	3854877.25	1.09844	2.06703	0.33169	0.09768	2.06E-03	0.00018	0.0072	1.1E-07	0.00945	2.53E-03	0.00022221	0.008871	6.11E-08	1.16E-02	0.00223	0.000171	0.016893	6.31E-08	0.019294
4076	484363.09	3854877.25	4.27488	8.11078	0.80107	0.08561	8.03E-03	0.00071	0.0174	9.6E-08	0.02614	9.84E-03	0.000871927	0.021425	5.35E-08	3.21E-02	0.00868	0.000671	0.040799	5.53E-08	0.050149
4077	484863.09	3854877.25	1.74401	3.3743	0.99361	0.07988	3.28E-03	0.0003	0.02158	8.9E-08	0.02515	4.02E-03	0.000362745	0.026575	5E-08	3.10E-02	0.003541	0.000279	0.050605	5.16E-08	0.054425
4078	485363.09	3854877.25	0.84769	1.71145	0.65694	0.07364	1.59E-03	0.00015	0.01427	8.2E-08	0.01601	1.95E-03	0.000183985	0.01757	4.61E-08	1.97E-02	0.001721	0.000142	0.033458	4.76E-08	0.035321
4079	485863.09	3854877.25	0.54809	0.96348	0.47422	0.09217	1.03E-03	8.5E-05	0.0103	1E-07	0.01141	1.26E-03	0.000103576	0.012683	5.76E-08	1.40E-02	0.001113	7.97E-05	0.024152	5.95E-08	0.025345
4080	486363.09	3854877.25	0.40112	0.61371	0.37101	0.1015	7.54E-04	5.4E-05	0.00806	1.1E-07	0.00886	9.24E-04	6.59752E-05	0.009923	6.35E-08	1.09E-02	0.000814	5.08E-05	0.018896	6.56E-08	0.019761
4081	486863.09	3854877.25	0.32291	0.44052	0.31325	0.10517	6.07E-04	3.9E-05	0.0068	1.2E-07	0.00745	7.44E-04	4.73569E-05	0.008378	6.58E-08	9.17E-03	0.000656	3.64E-05	0.015954	6.79E-08	0.016646
4082	487363.09	3854877.25	0.29602	0.35888	0.30077	0.11239	5.56E-04	3.1E-05	0.00653	1.3E-07	0.00712	6.82E-04	3.85804E-05	0.008044	7.03E-08	8.76E-03	0.000601	2.97E-05	0.015318	7.26E-08	0.015949
4083	487863.09	3854877.25	0.27354	0.30064	0.28779	0.11746	5.14E-04	2.6E-05	0.00625	1.3E-07	0.00679	6.30E-04	3.23195E-05	0.007697	7.35E-08	8.36E-03	0.000555	2.49E-05	0.014657	7.59E-08	0.015238

4084	488363.09	3854877.25	0.25483	0.25613	0.27546	0.12177	4.79E-04	2.2E-05	0.00598	1.4E-07	0.00648	5.87E-04	2.75345E-05	0.007367	7.62E-08	7.98E-03	0.000517	2.12E-05	0.014029	7.87E-08	0.014568
4085	488863.09	3854877.25	0.23955	0.22579	0.26436	0.12693	4.50E-04	2E-05	0.00574	1.4E-07	0.00621	5.52E-04	2.42729E-05	0.00707	7.94E-08	7.65E-03	0.000486	1.87E-05	0.013464	8.2E-08	0.013969
4086	489363.09	3854877.25	0.2206	0.19981	0.24656	0.12638	4.15E-04	1.8E-05	0.00535	1.4E-07	0.00579	5.08E-04	2.148E-05	0.006594	7.9E-08	7.12E-03	0.000448	1.65E-05	0.012557	8.16E-08	0.013022
4087	489863.09	3854877.25	0.19738	0.17063	0.22262	0.11777	3.71E-04	1.5E-05	0.00483	1.3E-07	0.00522	4.55E-04	1.83431E-05	0.005954	7.37E-08	6.43E-03	0.000401	1.41E-05	0.011338	7.61E-08	0.011753
4088	490363.09	3854877.25	0.15014	0.12827	0.16987	0.09148	2.82E-04	1.1E-05	0.00369	1E-07	0.00398	3.46E-04	1.37893E-05	0.004543	5.72E-08	4.90E-03	0.000305	1.06E-05	0.008652	5.91E-08	0.008967
4089	490863.09	3854877.25	0.1051	0.09096	0.11872	0.07053	1.98E-04	8E-06	0.00258	7.9E-08	0.00278	2.42E-04	9.7784E-06	0.003175	4.41E-08	3.43E-03	0.000213	7.52E-06	0.006046	4.56E-08	0.006267
4090	491363.09	3854877.25	0.11038	0.09677	0.12538	0.07457	2.07E-04	8.5E-06	0.00272	8.3E-08	0.00294	2.54E-04	1.0403E-05	0.003353	4.66E-08	3.62E-03	0.000224	8E-06	0.006386	4.82E-08	0.006618
4091	491863.09	3854877.25	0.14658	0.1306	0.16758	0.10503	2.75E-04	1.1E-05	0.00364	1.2E-07	0.00393	3.38E-04	1.40398E-05	0.004482	6.57E-08	4.83E-03	0.000298	1.08E-05	0.008535	6.78E-08	0.008843
4092	492363.09	3854877.25	0.13948	0.12729	0.15901	0.10563	2.62E-04	1.1E-05	0.00345	1.2E-07	0.00373	3.21E-04	1.3684E-05	0.004253	6.61E-08	4.59E-03	0.000283	1.05E-05	0.008098	6.82E-08	0.008392
4093	492863.09	3854877.25	0.12867	0.12007	0.14627	0.09954	2.42E-04	1.1E-05	0.00318	1.1E-07	0.00343	2.96E-04	1.29078E-05	0.003912	6.23E-08	4.22E-03	0.000261	9.93E-06	0.00745	6.43E-08	0.007721
4094	493363.09	3854877.25	0.11724	0.11083	0.13285	0.09126	2.20E-04	9.7E-06	0.00288	1E-07	0.00312	2.70E-04	1.19145E-05	0.003553	5.71E-08	3.84E-03	0.000238	9.17E-06	0.006766	5.9E-08	0.007013
4095	493863.09	3854877.25	0.10761	0.10277	0.1215	0.08477	2.02E-04	9E-06	0.00264	9.5E-08	0.00285	2.48E-04	1.1048E-05	0.00325	5.3E-08	3.51E-03	0.000218	8.5E-06	0.006188	5.48E-08	0.006415
4096	494363.09	3854877.25	0.08402	0.08067	0.09455	0.06559	1.58E-04	7.1E-06	0.00205	7.3E-08	0.00222	1.93E-04	8.67221E-06	0.002529	4.1E-08	2.73E-03	0.000171	6.67E-06	0.004815	4.24E-08	0.004993
4097	494863.09	3854877.25	0.06099	0.05935	0.06799	0.05002	1.15E-04	5.2E-06	0.00148	5.6E-08	0.0016	1.40E-04	6.38026E-06	0.001818	3.13E-08	1.97E-03	0.000124	4.91E-06	0.003463	3.23E-08	0.003592
4098	495363.09	3854877.25	0.04796	0.0473	0.05305	0.04141	9.01E-05	4.1E-06	0.00115	4.6E-08	0.00125	1.10E-04	5.08486E-06	0.001419	2.59E-08	1.53E-03	9.74E-05	3.91E-06	0.002702	2.67E-08	0.002803
4099	495863.09	3854877.25	0.04088	0.04074	0.04493	0.03649	7.68E-05	3.6E-06	0.00098	4.1E-08	0.00106	9.41E-05	4.37964E-06	0.001202	2.28E-08	1.30E-03	8.3E-05	3.37E-06	0.002288	2.36E-08	0.002375
4100	496363.09	3854877.25	0.03259	0.03286	0.03554	0.03049	6.12E-05	2.9E-06	0.00077	3.4E-08	0.00084	7.50E-05	3.53252E-06	0.000951	1.91E-08	1.03E-03	6.62E-05	2.72E-06	0.00181	1.97E-08	0.001879
4101	496863.09	3854877.25	0.02778	0.02824	0.03011	0.02661	5.22E-05	2.5E-06	0.00065	3E-08	0.00071	6.40E-05	3.03586E-06	0.000805	1.66E-08	8.72E-04	5.64E-05	2.34E-06	0.001534	1.72E-08	0.001592
4102	497363.09	3854877.25	0.02603	0.0266	0.02808	0.02511	4.89E-05	2.3E-06	0.00061	2.8E-08	0.00066	5.99E-05	2.85956E-06	0.000751	1.57E-08	8.14E-04	5.29E-05	2.2E-06	0.00143	1.62E-08	0.001485
4103	497863.09	3854877.25	0.02795	0.02864	0.02998	0.02651	5.25E-05	2.5E-06	0.00065	3E-08	0.00071	6.44E-05	3.07886E-06	0.000802	1.66E-08	8.69E-04	5.67E-05	2.37E-06	0.001527	1.71E-08	0.001586
4104	498363.09	3854877.25	0.02674	0.02751	0.02867	0.0255	5.02E-05	2.4E-06	0.00062	2.8E-08	0.00068	6.16E-05	2.95739E-06	0.000767	1.59E-08	8.31E-04	5.43E-05	2.28E-06	0.00146	1.65E-08	0.001517
4105	471363.09	3855377.25	0.00846	0.008	0.00869	0.00609	1.59E-05	7E-07	0.00019	6.8E-09	0.00021	1.95E-05	8.60018E-07	0.000232	3.81E-09	2.53E-04	1.72E-05	6.62E-07	0.000443	3.93E-09	0.00046
4106	471863.09	3855377.25	0.0089	0.00844	0.00914	0.00634	1.67E-05	7.4E-07	0.0002	7.1E-09	0.00022	2.05E-05	9.07319E-07	0.000244	3.97E-09	2.66E-04	1.81E-05	6.98E-07	0.000466	4.1E-09	0.000484
4107	472363.09	3855377.25	0.00964	0.00913	0.00987	0.00683	1.81E-05	8E-07	0.00021	7.6E-09	0.00023	2.22E-05	9.81495E-07	0.000264	4.27E-09	2.87E-04	1.96E-05	7.55E-07	0.000503	4.41E-09	0.000523
4108	472863.09	3855377.25	0.01014	0.00961	0.01038	0.00708	1.91E-05	8.4E-07	0.00023	7.9E-09	0.00025	2.34E-05	1.0331E-06	0.000278	4.43E-09	3.02E-04	2.06E-05	7.95E-07	0.000529	4.57E-09	0.00055
4109	473363.09	3855377.25	0.01115	0.01052	0.01136	0.0078	2.10E-05	9.2E-07	0.00025	8.7E-09	0.00027	2.57E-05	1.13092E-06	0.000304	4.88E-09	3.31E-04	2.26E-05	8.7E-07	0.000579	5.04E-09	0.000602
4110	473863.09	3855377.25	0.01209	0.01137	0.01228	0.00843	2.27E-05	1E-06	0.00027	9.4E-09	0.00029	2.78E-05	1.2223E-06	0.000328	5.27E-09	3.58E-04	2.45E-05	9.4E-07	0.000625	5.45E-09	0.000651
4111	474363.09	3855377.25	0.01304	0.01226	0.01323	0.00901	2.45E-05	1.1E-06	0.00029	1E-08	0.00031	3.00E-05	1.31798E-06	0.000354	5.64E-09	3.85E-04	2.65E-05	1.01E-06	0.000674	5.82E-09	0.000701
4112	474863.09	3855377.25	0.01185	0.01135	0.01219	0.00776	2.23E-05	1E-06	0.00026	8.7E-09	0.00029	2.73E-05	1.22015E-06	0.000326	4.85E-09	3.55E-04	2.41E-05	9.39E-07	0.000621	5.01E-09	0.000646
4113	475363.09	3855377.25	0.00604	0.00621	0.00628	0.00461	1.14E-05	5.4E-07	0.00014	5.2E-09	0.00015	1.39E-05	6.67589E-07	0.000168	2.88E-09	1.83E-04	1.23E-05	5.14E-07	0.00032	2.98E-09	0.000333
4114	475863.09	3855377.25	0.00453	0.00477	0.00467	0.00392	8.51E-06	4.2E-07	0.0001	4.4E-09	0.00011	1.04E-05	5.12786E-07	0.000125	2.45E-09	1.36E-04	9.2E-06	3.94E-07	0.000238	2.53E-09	0.000247
4115	476363.09	3855377.25	0.00543	0.00569	0.00563	0.00448	1.02E-05	5E-07	0.00012	5E-09	0.00013	1.25E-05	6.11688E-07	0.000151	2.8E-09	1.64E-04	1.1E-05	4.71E-07	0.000287	2.89E-09	0.000298
4116	476863.09	3855377.25	0.00534	0.0056	0.00556	0.00453	1.00E-05	4.9E-07	0.00012	5.1E-09	0.00013	1.23E-05	6.02013E-07	0.000149	2.83E-09	1.62E-04	1.08E-05	4.63E-07	0.000283	2.93E-09	0.000294
4117	477363.09	3855377.25	0.00604	0.00627	0.0063	0.005	1.14E-05	5.5E-07	0.00014	5.6E-09	0.00015	1.39E-05	6.74039E-07	0.000168	3.13E-09	1.83E-04	1.23E-05	5.19E-07	0.000321	3.23E-09	0.000334
4118	477863.09	3855377.25	0.00813	0.00843	0.0084	0.00611	1.53E-05	7.4E-07	0.00018	6.8E-09	0.0002	1.87E-05	9.06244E-07	0.000225	3.82E-09	2.44E-04	1.65E-05	6.97E-07	0.000428	3.95E-09	0.000445
4119	478363.09	3855377.25	0.01087	0.01116	0.01124	0.00747	2.04E-05	9.8E-07	0.00024	8.3E-09	0.00027	2.50E-05	1.19973E-06	0.000301	4.67E-09	3.27E-04	2.21E-05	9.23E-07	0.000572	4.83E-09	0.000595
4120	478863.09	3855377.25	0.01425	0.01443	0.01473	0.00904	2.68E-05	1.3E-06	0.00032	1E-08	0.00035	3.28E-05	1.55126E-06	0.000394	5.65E-09	4.28E-04	2.89E-05	1.19E-06	0.00075	5.84E-09	0.00078
4121	479363.09	3855377.25	0.02022	0.02015	0.0208	0.0115	3.80E-05	1.8E-06	0.00045	1.3E-08	0.00049	4.66E-05	2.16617E-06	0.000556	7.19E-09	6.05E-04	4.11E-05	1.67E-06	0.001059	7.43E-09	0.001102
4122	479863.09	3855377.25	0.0275	0.02717	0.02798	0.01447	5.17E-05	2.4E-06	0.00061	1.6E-08	0.00066	6.33E-05	2.92084E-06	0.000748	9.05E-09	8.15E-04	5.58E-05	2.25E-06	0.001425	9.35E-09	0.001483
4123	480363.09	3855377.25	0.04244	0.04338	0.04237	0.02081	7.98E-05	3.8E-06	0.00092	2.3E-08	0.001	9.77E-05	4.66345E-06	0.001133	1.3E-08	1.24E-03	8.62E-05	3.59E-06	0.002158	1.34E-08	0.002248
4124	480863.09	3855377.25	0.06271	0.06533	0.05968	0.03249	1.18E-04	5.7E-06	0.0013	3.6E-08	0.00142	1.44E-04	7.02312E-06	0.001596	2.03E-08	1.75E-03	0.000127	5.4E-06	0.00304	2.1E-08	0.003172
4125	481363.09	3855377.25	0.08393	0.08437	0.07637	0.04944	1.58E-04	7.4E-06	0.00166	5.5E-08	0.00182	1.93E-04	9.06996E-06	0.002043	3.09E-08	2.24E-03	0.00017	6.98E-06	0.00389	3.19E-08	0.004067
4126	481863.09	3855377.25	0.10354	0.10275	0.0916	0.06641	1.95E-04	9E-06	0.00199	7.4E-08	0.00219	2.38E-04	1.10459E-05	0.00245	4.15E-08	2.70E-03	0.00021	8.5E-06	0.004665	4.29E-08	0.004884
4127	482363.09	3855377.25	0.12504	0.12656	0.10823	0.08526	2.35E-04	1.1E-05	0.00235	9.5E-08	0.0026	2.88E-04	1.36055E-05	0.002895	5.33E-08	3.20E-03	0.000254	1.05E-05	0.005512	5.51E-08	0.005777
4128	482863.09	3855377.25	0.16812	0.19129	0.14222	0.10831	3.16E-04	1.7E-05	0.00309	1.2E-07	0.00342	3.87E-04	2.05641E-05	0.003804	6.77E-08	4.21E-03	0.000341	1.58E-05	0.007243	7E-08	0.007601
4129	483363.09	3855377.25	0.23822	0.32849	0.20431	0.14761	4.48E-04	2.9E-05	0.00444	1.6E-07	0.00491	5.49E-04	3.53134E-05	0.005464	9.23E-08	6.05E-03	0.000484	2.72E-05	0.010406	9.54E-08	0.010917
4130	483863.09	3855377.25	0.3968	0.66112	0.36605	0.21808	7.46E-04	5.8E-05	0.00795	2.4E-07	0.00875	9.14E-04	7.10719E-05	0.00979	1.36E-07	1.08E-02	0.000806	5.47E-05	0.018643	1.41E-07	0.019504
4131	484363.09	3855377.25	0.98105	1.41301	1.06036	0.2487	1.84E-03	0.00012	0.02303	2.8E-07	0.02499	2.26E-03	0.000151902	0.02836	1.56E-07	3.08E-02	0.001992	0.000117	0.054005	1.61E-07	0.056114
4132	484863.09	3855377.25	3.22513	1.78985	9.84341	2.21567	6.06E-03	0.00016	0.21376	2.5E-06	0.21998	7.43E-03	0.000192413	0.263269	1.39E-06	2.71E-01	0.006548	0.000148	0.501331	1.43E-06	0.508028
4133	485363.09	3855377.25	2.56242	1.3312	3.1662	1.12754	4.82E-03	0.00012	0.06876	1.3E-06	0.07369	5.90E-03	0.000143107	0.084682	7.05E-07	9.07E-02	0.005203	0.00011	0.161256	7.28E-07	0.16657
4134	485863.09	3855377.25	1.21738	0.90312	1.5018	0.5669	2.29E-03	7.9E-05	0.03261	6.3E-07	0.03498	2.80E-03	9.70874E-05	0.040167	3.55E-07	4.31E-02	0.002472	7.47E-05	0.076488	3.66E-07	0.079034
4135	486363.09	3855377.25	0.76799	0.61622	0.92481	0.37745	1.44E-03	5.4E-05	0.02008	4.2E-07	0.02158	1.77E-03	6.6245E-05	0.024735	2.36E-07	2.66E-02	0.001559	5.1E-05	0.047101	2.44E-07	0.048712
4136	486863.09	3855377.25	0.55046	0.44542	0.65222	0.28735	1.03E-03	3.9E-05	0.01416	3.2E-07	0.01524	1.27E-03	4.78836E-05	0.017444	1.8E-07	1.88E-02	0.001118	3.68E-05	0.033218	1.86E-07	0.034373
4137	487363.09	3855377.25	0.4763	0.36072	0.56678	0.26148	8.95E-04	3.2E-05	0.01231	2.9E-07	0.01324	1.10E-03	3.87782E-05	0.015159	1.64E-07	1.63E-02	0.000967	2.98E-05	0.028866	1.69E-07	0.029863
4138	487863.09	3855377.25	0.41786	0.30312	0.49908	0.24431	7.85E-04	2.7E-05	0.01084	2.7E-07	0.01165	9.62E-04	3.25861E-05	0.013348	1.53E-07	1.43E-02	0.000848	2.51E-05	0.025418	1.58E-07	0.026292
4139	488363.09	3855377.25	0.37127	0.261	0.44487	0.23316	6.98E-04	2.3E-05	0.00966	2.6E-07	0.01038	8.55E-04	2.80581E-05	0.011898	1.46E-07	1.28E-02	0.000754	2.16E-05	0.022657	1.51E-07	0.023433
4140	488863.09	3855377.25	0.3315	0.23432	0.39728	0.22387	6.23E-04	2.1E-05	0.00863	2.5E-07	0.00927	7.63E-04	2.51899E-05	0.010626	1.4E-07	1.14E-02	0.000673	1.94E-05	0.020234	1.45E-07	0.020926
4141	489363.09	3855377.25	0.2961	0.20709	0.35485	0.21069	5.56E-04	1.8E-05	0.00771	2.4E-07	0.00828	6.82E-04	2.22626E-05	0.009491	1.32E-07	1.02E-02	0.000601	1.71E-05	0.018073	1.36E-07	0.018691
4142	489863.09	3855377.25	0.26242	0.19071	0.31429	0.19104	4.93E-04	1.7E-05	0.00683	2.1E-07	0.00734	6.04E-04	2.05018E-05	0.008406	1.19E-07	9.03E-03	0.000533	1.58E-05	0.016007	1.23E-07	0.016556
4143	490363.09	3855377.25	0.23959	0.18696	0.28555	0.18527	4.50E-04	1.6E-05	0.0062	2.1E-07	0.00667	5.52E-04	2.00986E-05	0.007637	1.16E-07	8.21E-03	0.000486	1.55E-05	0.014543	1.2E-07	0.015045
4144	490863.09	3855377.25	0.16359	0.13117	0.19424	0.11643	3.07E-04	1.2E-05	0.00422	1.3E-07	0.00454	3.77E-04	1.41011E-05	0.005195	7.28E-08	5.59E-03	0.000332	1.08E-05	0.009893	7.52E-08	0.010236

4145	491363.09	3855377.25	0.13509	0.11326	0.15861	0.10052	2.54E-04	9.9E-06	0.00344	1.1E-07	0.00371	3.11E-04	1.21757E-05	0.004242	6.29E-08	4.57E-03	0.000274	9.37E-06	0.008078	6.49E-08	0.008362
4146	491863.09	3855377.25	0.17608	0.15666	0.20591	0.14329	3.31E-04	1.4E-05	0.00447	1.6E-07	0.00482	4.05E-04	1.68413E-05	0.005507	8.96E-08	5.93E-03	0.000358	1.3E-05	0.010487	9.26E-08	0.010858
4147	492363.09	3855377.25	0.16346	0.1502	0.18955	0.13879	3.07E-04	1.3E-05	0.00412	1.6E-07	0.00444	3.76E-04	1.61468E-05	0.00507	8.68E-08	5.46E-03	0.000332	1.24E-05	0.009654	8.97E-08	0.009998
4148	492863.09	3855377.25	0.14851	0.13983	0.17099	0.12641	2.79E-04	1.2E-05	0.00371	1.4E-07	0.004	3.42E-04	1.5032E-05	0.004573	7.91E-08	4.93E-03	0.000302	1.16E-05	0.008709	8.17E-08	0.009022
4149	493363.09	3855377.25	0.12972	0.1244	0.14856	0.10775	2.44E-04	1.1E-05	0.00323	1.2E-07	0.00348	2.99E-04	1.33733E-05	0.003973	6.74E-08	4.29E-03	0.000263	1.03E-05	0.007566	6.96E-08	0.00784
4150	493863.09	3855377.25	0.10137	0.09814	0.11555	0.08286	1.90E-04	8.6E-06	0.00251	9.3E-08	0.00271	2.33E-04	1.05503E-05	0.00309	5.18E-08	3.33E-03	0.000206	8.12E-06	0.005885	5.35E-08	0.006099
4151	494363.09	3855377.25	0.07396	0.07222	0.08347	0.06296	1.39E-04	6.3E-06	0.00181	7E-08	0.00196	1.70E-04	7.76381E-06	0.002232	3.94E-08	2.41E-03	0.00015	5.97E-06	0.004251	4.07E-08	0.004407
4152	494863.09	3855377.25	0.05306	0.05227	0.05924	0.04822	9.97E-05	4.6E-06	0.00129	5.4E-08	0.00139	1.22E-04	5.61914E-06	0.001584	3.02E-08	1.71E-03	0.000108	4.32E-06	0.003017	3.11E-08	0.003129
4153	495363.09	3855377.25	0.04046	0.04017	0.04472	0.03884	7.60E-05	3.5E-06	0.00097	4.3E-08	0.00105	9.32E-05	4.31837E-06	0.001196	2.43E-08	1.29E-03	8.21E-05	3.32E-06	0.002278	2.51E-08	0.002363
4154	495863.09	3855377.25	0.03273	0.03275	0.03574	0.03238	6.15E-05	2.9E-06	0.00078	3.6E-08	0.00084	7.54E-05	3.5207E-06	0.000956	2.03E-08	1.03E-03	6.65E-05	2.71E-06	0.00182	2.09E-08	0.001889
4155	496363.09	3855377.25	0.03048	0.03073	0.0332	0.03037	5.73E-05	2.7E-06	0.00072	3.4E-08	0.00078	7.02E-05	3.30354E-06	0.000888	1.9E-08	9.61E-04	6.19E-05	2.54E-06	0.001691	1.96E-08	0.001755
4156	496863.09	3855377.25	0.02878	0.02919	0.03106	0.02869	5.41E-05	2.6E-06	0.00067	3.2E-08	0.00073	6.63E-05	3.13799E-06	0.000831	1.79E-08	9.00E-04	5.84E-05	2.41E-06	0.001582	1.85E-08	0.001643
4157	497363.09	3855377.25	0.0283	0.02888	0.03052	0.02819	5.32E-05	2.5E-06	0.00066	3.1E-08	0.00072	6.52E-05	3.10466E-06	0.000816	1.76E-08	8.85E-04	5.75E-05	2.39E-06	0.001554	1.82E-08	0.001614
4158	497863.09	3855377.25	0.02898	0.0297	0.03104	0.0285	5.45E-05	2.6E-06	0.00067	3.2E-08	0.00073	6.67E-05	3.19282E-06	0.00083	1.78E-08	9.00E-04	5.88E-05	2.46E-06	0.001581	1.84E-08	0.001642
4159	498363.09	3855377.25	0.03009	0.03098	0.03226	0.0292	5.65E-05	2.7E-06	0.0007	3.3E-08	0.00076	6.93E-05	3.33042E-06	0.000863	1.83E-08	9.35E-04	6.11E-05	2.56E-06	0.001643	1.89E-08	0.001707
4160	471363.09	3855877.25	0.00866	0.00845	0.00871	0.0061	1.63E-05	7.4E-07	0.00019	6.8E-09	0.00021	1.99E-05	9.08394E-07	0.000233	3.82E-09	2.54E-04	1.76E-05	6.99E-07	0.000444	3.94E-09	0.000462
4161	471863.09	3855877.25	0.00913	0.00899	0.00917	0.00636	1.72E-05	7.9E-07	0.0002	7.1E-09	0.00022	2.10E-05	9.66445E-07	0.000245	3.98E-09	2.67E-04	1.85E-05	7.43E-07	0.000467	4.11E-09	0.000486
4162	472363.09	3855877.25	0.01001	0.00993	0.00999	0.00698	1.88E-05	8.7E-07	0.00022	7.8E-09	0.00024	2.31E-05	1.0675E-06	0.000267	4.37E-09	2.91E-04	2.03E-05	8.21E-07	0.000509	4.51E-09	0.00053
4163	472863.09	3855877.25	0.01041	0.01045	0.0104	0.0071	1.96E-05	9.2E-07	0.00023	7.9E-09	0.00025	2.40E-05	1.1234E-06	0.000278	4.44E-09	3.03E-04	2.11E-05	8.64E-07	0.00053	4.59E-09	0.000552
4164	473363.09	3855877.25	0.01159	0.01175	0.01151	0.00796	2.18E-05	1E-06	0.00025	8.9E-09	0.00027	2.67E-05	1.26315E-06	0.000308	4.98E-09	3.36E-04	2.35E-05	9.72E-07	0.000586	5.14E-09	0.000611
4165	473863.09	3855877.25	0.01261	0.01291	0.01248	0.00861	2.37E-05	1.1E-06	0.00027	9.6E-09	0.0003	2.90E-05	1.38785E-06	0.000334	5.39E-09	3.64E-04	2.56E-05	1.07E-06	0.000636	5.56E-09	0.000662
4166	474363.09	3855877.25	0.01347	0.01396	0.01335	0.00903	2.53E-05	1.2E-06	0.00029	1E-08	0.00032	3.10E-05	1.50073E-06	0.000357	5.65E-09	3.90E-04	2.73E-05	1.15E-06	0.00068	5.83E-09	0.000708
4167	474863.09	3855877.25	0.01163	0.01215	0.0118	0.00725	2.19E-05	1.1E-06	0.00026	8.1E-09	0.00028	2.68E-05	1.30615E-06	0.000316	4.53E-09	3.44E-04	2.36E-05	1E-06	0.000601	4.68E-09	0.000626
4168	475363.09	3855877.25	0.00768	0.00776	0.00798	0.00521	1.44E-05	6.8E-07	0.00017	5.8E-09	0.00019	1.77E-05	8.34217E-07	0.000213	3.26E-09	2.32E-04	1.56E-05	6.42E-07	0.000406	3.37E-09	0.000423
4169	475863.09	3855877.25	0.00334	0.00329	0.00344	0.0031	6.28E-06	2.9E-07	7.5E-05	3.5E-09	8.1E-05	7.69E-06	3.53682E-07	9.2E-05	1.94E-09	1.00E-04	6.78E-06	2.72E-07	0.000175	2E-09	0.000182
4170	476363.09	3855877.25	0.00361	0.00357	0.00371	0.00332	6.78E-06	3.1E-07	8.1E-05	3.7E-09	8.8E-05	8.31E-06	3.83783E-07	9.92E-05	2.08E-09	1.08E-04	7.33E-06	2.95E-07	0.000189	2.14E-09	0.000197
4171	476863.09	3855877.25	0.00555	0.00549	0.00576	0.00456	1.04E-05	4.8E-07	0.00013	5.1E-09	0.00014	1.28E-05	5.90187E-07	0.000154	2.85E-09	1.67E-04	1.13E-05	4.54E-07	0.000293	2.95E-09	0.000305
4172	477363.09	3855877.25	0.00689	0.00689	0.00721	0.00533	1.29E-05	6E-07	0.00016	6E-09	0.00017	1.59E-05	7.4069E-07	0.000193	3.33E-09	2.09E-04	1.4E-05	5.7E-07	0.000367	3.44E-09	0.000382
4173	477863.09	3855877.25	0.00869	0.00873	0.00898	0.00626	1.63E-05	7.7E-07	0.0002	7E-09	0.00021	2.00E-05	9.38495E-07	0.00024	3.92E-09	2.61E-04	1.76E-05	7.22E-07	0.000457	4.04E-09	0.000476
4174	478363.09	3855877.25	0.01147	0.01155	0.01206	0.0077	2.16E-05	1E-06	0.00026	8.6E-09	0.00028	2.64E-05	1.24165E-06	0.000323	4.82E-09	3.50E-04	2.33E-05	9.55E-07	0.000614	4.97E-09	0.000638
4175	478863.09	3855877.25	0.01571	0.01592	0.01626	0.00959	2.95E-05	1.4E-06	0.00035	1.1E-08	0.00038	3.62E-05	1.71144E-06	0.000435	6E-09	4.73E-04	3.19E-05	1.32E-06	0.000828	6.19E-09	0.000861
4176	479363.09	3855877.25	0.02243	0.023	0.0231	0.01239	4.22E-05	2E-06	0.0005	1.4E-08	0.00055	5.17E-05	2.47255E-06	0.000618	7.75E-09	6.72E-04	4.55E-05	1.9E-06	0.001176	8E-09	0.001224
4177	479863.09	3855877.25	0.03063	0.03153	0.03128	0.01578	5.76E-05	2.8E-06	0.00068	1.8E-08	0.00074	7.05E-05	3.38955E-06	0.000837	9.87E-09	9.11E-04	6.22E-05	2.61E-06	0.001593	1.02E-08	0.001658
4178	480363.09	3855877.25	0.0434	0.04478	0.04342	0.02157	8.16E-05	3.9E-06	0.00094	2.4E-08	0.00103	9.99E-05	4.81395E-06	0.001161	1.35E-08	1.27E-03	8.81E-05	3.7E-06	0.002211	1.39E-08	0.002303
4179	480863.09	3855877.25	0.06086	0.06314	0.05882	0.03141	1.14E-04	5.5E-06	0.00128	3.5E-08	0.0014	1.40E-04	6.78769E-06	0.001573	1.96E-08	1.72E-03	0.000124	5.22E-06	0.002996	2.03E-08	0.003125
4180	481363.09	3855877.25	0.07254	0.07744	0.06994	0.03458	1.36E-04	6.8E-06	0.00152	3.9E-08	0.00166	1.67E-04	8.32497E-06	0.001871	2.16E-08	2.05E-03	0.000147	6.4E-06	0.003562	2.23E-08	0.003716
4181	481863.09	3855877.25	0.10035	0.11024	0.09379	0.06808	1.89E-04	9.7E-06	0.00204	7.6E-08	0.00224	2.31E-04	1.1851E-05	0.002508	4.26E-08	2.75E-03	0.000204	9.12E-06	0.004777	4.4E-08	0.00499
4182	482363.09	3855877.25	0.11539	0.12806	0.11002	0.09123	2.17E-04	1.1E-05	0.00239	1E-07	0.00262	2.66E-04	1.37667E-05	0.002943	5.71E-08	3.22E-03	0.000234	1.06E-05	0.005603	5.89E-08	0.005848
4183	482863.09	3855877.25	0.1462	0.15885	0.14556	0.11703	2.75E-04	1.4E-05	0.00316	1.3E-07	0.00345	3.37E-04	1.70767E-05	0.003893	7.32E-08	4.25E-03	0.000297	1.31E-05	0.007413	7.56E-08	0.007724
4184	483363.09	3855877.25	0.19153	0.19825	0.19679	0.16096	3.60E-04	1.7E-05	0.00427	1.8E-07	0.00465	4.41E-04	2.13123E-05	0.005263	1.01E-07	5.73E-03	0.000389	1.64E-05	0.010023	1.04E-07	0.010428
4185	483863.09	3855877.25	0.26561	0.27273	0.28957	0.24247	4.99E-04	2.4E-05	0.00629	2.7E-07	0.00681	6.12E-04	2.93191E-05	0.007745	1.52E-07	8.39E-03	0.000539	2.26E-05	0.014748	1.57E-07	0.01531
4186	484363.09	3855877.25	0.41843	0.29727	0.49705	0.39245	7.86E-04	2.6E-05	0.01079	4.4E-07	0.01161	9.64E-04	3.19572E-05	0.013294	2.45E-07	1.43E-02	0.00085	2.46E-05	0.025315	2.54E-07	0.026189
4187	484863.09	3855877.25	0.86302	0.35643	1.06515	0.54586	1.62E-03	3.1E-05	0.02313	6.1E-07	0.02478	1.99E-03	3.8317E-05	0.028488	3.41E-07	3.05E-02	0.001752	2.95E-05	0.054249	3.53E-07	0.056031
4188	485363.09	3855877.25	3.73753	0.39765	6.62834	2.56964	7.02E-03	3.5E-05	0.14394	2.9E-06	0.151	8.61E-03	4.27483E-05	0.177279	1.61E-06	1.86E-01	0.007589	3.29E-05	0.337585	1.66E-06	0.345208
4189	485863.09	3855877.25	3.29332	0.43623	4.1623	1.78802	6.19E-03	3.8E-05	0.09039	2E-06	0.09662	7.58E-03	4.68957E-05	0.111324	1.12E-06	1.19E-01	0.006687	3.61E-05	0.211988	1.16E-06	0.218712
4190	486363.09	3855877.25	1.32925	0.38117	1.76277	0.83751	2.50E-03	3.3E-05	0.03828	9.4E-07	0.04081	3.06E-03	4.09766E-05	0.047146	5.24E-07	5.02E-02	0.002699	3.15E-05	0.089779	5.41E-07	0.09251
4191	486863.09	3855877.25	0.88495	0.32735	1.16091	0.57501	1.66E-03	2.9E-05	0.02521	6.4E-07	0.0269	2.04E-03	3.51909E-05	0.031049	3.6E-07	3.31E-02	0.001797	2.71E-05	0.059126	3.71E-07	0.06095
4192	487363.09	3855877.25	0.71564	0.28896	0.93091	0.48567	1.34E-03	2.5E-05	0.02022	5.4E-07	0.02159	1.65E-03	3.10638E-05	0.024898	3.04E-07	2.66E-02	0.001453	2.39E-05	0.047412	3.14E-07	0.048889
4193	487863.09	3855877.25	0.59544	0.26809	0.76638	0.43245	1.12E-03	2.4E-05	0.01664	4.8E-07	0.01779	1.37E-03	2.88203E-05	0.020497	2.7E-07	2.19E-02	0.001209	2.22E-05	0.039032	2.79E-07	0.040264
4194	488363.09	3855877.25	0.50112	0.25688	0.63761	0.38654	9.42E-04	2.3E-05	0.01385	4.3E-07	0.01481	1.15E-03	2.76152E-05	0.017053	2.42E-07	1.82E-02	0.001017	2.12E-05	0.032474	2.5E-07	0.033513
4195	488863.09	3855877.25	0.42921	0.24321	0.54101	0.35211	8.07E-04	2.1E-05	0.01175	3.9E-07	0.01258	9.88E-04	2.61456E-05	0.01447	2.2E-07	1.55E-02	0.000871	2.01E-05	0.027554	2.27E-07	0.028446
4196	489363.09	3855877.25	0.3712	0.24417	0.4625	0.31953	6.98E-04	2.1E-05	0.01004	3.6E-07	0.01076	8.55E-04	2.62488E-05	0.01237	2E-07	1.33E-02	0.000754	2.02E-05	0.023555	2.06E-07	0.024329
4197	489863.09	3855877.25	0.32427	0.24441	0.39914	0.28905	6.09E-04	2.1E-05	0.00867	3.2E-07	0.0093	7.47E-04	2.62746E-05	0.010675	1.81E-07	1.14E-02	0.000658	2.02E-05	0.020328	1.87E-07	0.021007
4198	490363.09	3855877.25	0.28654	0.23738	0.34763	0.26501	5.38E-04	2.1E-05	0.00755	3E-07	0.00811	6.60E-04	2.55189E-05	0.009298	1.66E-07	9.98E-03	0.000582	1.96E-05	0.017705	1.71E-07	0.018307
4199	490863.09	3855877.25	0.25344	0.22388	0.30407	0.23082	4.76E-04	2E-05	0.0066	2.6E-07	0.0071	5.84E-04	2.40676E-05	0.008133	1.44E-07	8.74E-03	0.000515	1.85E-05	0.015486	1.49E-07	0.01602
4200	491363.09	3855877.25	0.21582	0.19767	0.25759	0.18304	4.06E-04	1.7E-05	0.00559	2E-07	0.00602	4.97E-04	2.125E-05	0.006889	1.14E-07	7.41E-03	0.000438	1.63E-05	0.013119	1.18E-07	0.013574
4201	491863.09	3855877.25	0.20363	0.19715	0.23807	0.19216	3.83E-04	1.7E-05	0.00517	2.1E-07	0.00557	4.69E-04	2.11941E-05	0.006367	1.2E-07	6.86E-03	0.000413	1.63E-05	0.012125	1.24E-07	0.012555
4202	492363.09	3855877.25	0.18161	0.18041	0.21027	0.16824	3.41E-04	1.6E-05	0.00457	1.9E-07	0.00492	4.18E-04	1.93945E-05	0.005624	1.05E-07	6.06E-03	0.000369	1.49E-05	0.010709	1.09E-07	0.011093
4203	492863.09	3855877.25	0.16265	0.16448	0.18654	0.14932	3.06E-04	1.4E-05	0.00405	1.7E-07	0.00437	3.75E-04	1.7682E-05	0.004989	9.34E-08	5.38E-03	0.00033	1.36E-05	0.009501	9.65E-08	0.009845
4204	493363.09	3855877.25	0.12819	0.1288	0.14668	0.11023	2.41E-04	1.1E-05	0.00319	1.2E-07	0.00344	2.95E-04	1.38463E-05	0.003923	6.89E-08	4.23E-03	0.00026	1.07E-05	0.00747	7.12E-08	0.007741
4205	493863.09	3855877.25	0.09013	0.09025	0.10197	0.07926	1.69E-04	7.9E-06	0.00221	8.9E-08	0.00239	2.08E-04	9.70208E-06	0.002727	4.96E-08	2.94E-03	0.000183	7.46E-06	0.005193	5.12E-08	0.005384

4206	494363.09	3855877.25	0.06216	0.06258	0.06964	0.05839	1.17E-04	5.5E-06	0.00151	6.5E-08	0.00163	1.43E-04	6.72749E-06	0.001863	3.65E-08	2.01E-03	0.000126	5.18E-06	0.003547	3.77E-08	0.003678
4207	494863.09	3855877.25	0.04593	0.0468	0.05074	0.04563	8.63E-05	4.1E-06	0.0011	5.1E-08	0.00119	1.06E-04	5.0311E-06	0.001357	2.85E-08	1.47E-03	9.33E-05	3.87E-06	0.002584	2.95E-08	0.002681
4208	495363.09	3855877.25	0.03251	0.03333	0.03537	0.03385	6.11E-05	2.9E-06	0.00077	3.8E-08	0.00083	7.49E-05	3.58305E-06	0.000946	2.12E-08	1.02E-03	6.6E-05	2.76E-06	0.001801	2.19E-08	0.00187
4209	495863.09	3855877.25	0.03059	0.03144	0.03306	0.03182	5.75E-05	2.8E-06	0.00072	3.6E-08	0.00078	7.04E-05	3.37987E-06	0.000884	1.99E-08	9.58E-04	6.21E-05	2.6E-06	0.001684	2.06E-08	0.001748
4210	496363.09	3855877.25	0.02934	0.03019	0.03144	0.03036	5.51E-05	2.6E-06	0.00068	3.4E-08	0.00074	6.76E-05	3.24549E-06	0.000841	1.9E-08	9.12E-04	5.96E-05	2.5E-06	0.001601	1.96E-08	0.001663
4211	496863.09	3855877.25	0.02948	0.03036	0.03148	0.03021	5.54E-05	2.7E-06	0.00068	3.4E-08	0.00074	6.79E-05	3.26377E-06	0.000842	1.89E-08	9.13E-04	5.99E-05	2.51E-06	0.001603	1.95E-08	0.001666
4212	497363.09	3855877.25	0.0299	0.03078	0.03183	0.03026	5.62E-05	2.7E-06	0.00069	3.4E-08	0.00075	6.89E-05	3.30892E-06	0.000851	1.89E-08	9.23E-04	6.07E-05	2.55E-06	0.001621	1.95E-08	0.001684
4213	497863.09	3855877.25	0.03095	0.03185	0.03288	0.03083	5.82E-05	2.8E-06	0.00071	3.4E-08	0.00078	7.13E-05	3.42395E-06	0.000879	1.93E-08	9.54E-04	6.28E-05	2.63E-06	0.001675	1.99E-08	0.00174
4214	498363.09	3855877.25	0.03445	0.03553	0.03663	0.03319	6.47E-05	3.1E-06	0.0008	3.7E-08	0.00086	7.93E-05	3.81955E-06	0.00098	2.08E-08	1.06E-03	6.99E-05	2.94E-06	0.001866	2.14E-08	0.001938
4215	471363.09	3856377.25	0.00895	0.00958	0.00903	0.0062	1.68E-05	8.4E-07	0.0002	6.9E-09	0.00021	2.06E-05	1.02987E-06	0.000242	3.88E-09	2.63E-04	1.82E-05	7.92E-07	0.00046	4.01E-09	0.000479
4216	471863.09	3856377.25	0.00939	0.01004	0.0095	0.00642	1.76E-05	8.8E-07	0.00021	7.2E-09	0.00022	2.16E-05	1.07932E-06	0.000254	4.02E-09	2.77E-04	1.91E-05	8.3E-07	0.000484	4.15E-09	0.000504
4217	472363.09	3856377.25	0.0101	0.01077	0.01023	0.00689	1.90E-05	9.4E-07	0.00022	7.7E-09	0.00024	2.33E-05	1.1578E-06	0.000274	4.31E-09	2.98E-04	2.05E-05	8.91E-07	0.000521	4.45E-09	0.000542
4218	472863.09	3856377.25	0.01097	0.01165	0.0111	0.0075	2.06E-05	1E-06	0.00024	8.4E-09	0.00026	2.53E-05	1.2524E-06	0.000297	4.69E-09	3.23E-04	2.23E-05	9.63E-07	0.000565	4.84E-09	0.000589
4219	473363.09	3856377.25	0.01179	0.01245	0.01195	0.00803	2.22E-05	1.1E-06	0.00026	9E-09	0.00028	2.72E-05	1.3384E-06	0.00032	5.02E-09	3.48E-04	2.39E-05	1.03E-06	0.000609	5.19E-09	0.000634
4220	473863.09	3856377.25	0.01306	0.01367	0.01318	0.00907	2.45E-05	1.2E-06	0.00029	1E-08	0.00031	3.01E-05	1.46956E-06	0.000353	5.67E-09	3.84E-04	2.65E-05	1.13E-06	0.000671	5.86E-09	0.000699
4221	474363.09	3856377.25	0.01333	0.01381	0.01357	0.00884	2.50E-05	1.2E-06	0.00029	9.9E-09	0.00032	3.07E-05	1.48461E-06	0.000363	5.53E-09	3.95E-04	2.71E-05	1.14E-06	0.000691	5.71E-09	0.000719
4222	474863.09	3856377.25	0.01312	0.01339	0.01354	0.00825	2.47E-05	1.2E-06	0.00029	9.2E-09	0.00032	3.02E-05	1.43946E-06	0.000362	5.16E-09	3.94E-04	2.66E-05	1.11E-06	0.00069	5.33E-09	0.000717
4223	475363.09	3856377.25	0.01107	0.01101	0.01165	0.00676	2.08E-05	9.7E-07	0.00025	7.6E-09	0.00027	2.55E-05	1.1836E-06	0.000312	4.23E-09	3.38E-04	2.25E-05	9.11E-07	0.000593	4.37E-09	0.000617
4224	475863.09	3856377.25	0.00767	0.00745	0.00814	0.00514	1.44E-05	6.5E-07	0.00018	5.7E-09	0.00019	1.77E-05	8.00892E-07	0.000218	3.21E-09	2.36E-04	1.56E-05	6.16E-07	0.000415	3.32E-09	0.000431
4225	476363.09	3856377.25	0.00721	0.00696	0.00763	0.00501	1.35E-05	6.1E-07	0.00017	5.6E-09	0.00018	1.66E-05	7.48216E-07	0.000204	3.13E-09	2.21E-04	1.46E-05	5.76E-07	0.000389	3.24E-09	0.000404
4226	476863.09	3856377.25	0.00744	0.00715	0.00787	0.00522	1.40E-05	6.3E-07	0.00017	5.8E-09	0.00019	1.71E-05	7.68641E-07	0.00021	3.26E-09	2.28E-04	1.51E-05	5.91E-07	0.000401	3.37E-09	0.000417
4227	477363.09	3856377.25	0.0081	0.00775	0.00854	0.00562	1.52E-05	6.8E-07	0.00019	6.3E-09	0.0002	1.87E-05	8.33142E-07	0.000228	3.51E-09	2.48E-04	1.64E-05	6.41E-07	0.000435	3.63E-09	0.000452
4228	477863.09	3856377.25	0.00653	0.00629	0.00682	0.00503	1.23E-05	5.5E-07	0.00015	5.6E-09	0.00016	1.50E-05	6.76189E-07	0.000182	3.15E-09	1.98E-04	1.33E-05	5.2E-07	0.000347	3.25E-09	0.000361
4229	478363.09	3856377.25	0.00589	0.00583	0.00609	0.00482	1.11E-05	5.1E-07	0.00013	5.4E-09	0.00014	1.36E-05	6.26738E-07	0.000163	3.01E-09	1.77E-04	1.2E-05	4.82E-07	0.00031	3.11E-09	0.000323
4230	478863.09	3856377.25	0.01235	0.01197	0.0129	0.00791	2.32E-05	1.1E-06	0.00028	8.8E-09	0.0003	2.84E-05	1.2868E-06	0.000345	4.95E-09	3.75E-04	2.51E-05	9.9E-07	0.000657	5.11E-09	0.000683
4231	479363.09	3856377.25	0.01697	0.0166	0.01759	0.00986	3.19E-05	1.5E-06	0.00038	1.1E-08	0.00042	3.91E-05	1.78454E-06	0.00047	6.17E-09	5.11E-04	3.45E-05	1.37E-06	0.000896	6.37E-09	0.000932
4232	479863.09	3856377.25	0.03024	0.03127	0.03061	0.01508	5.68E-05	2.7E-06	0.00066	1.7E-08	0.00072	6.96E-05	3.3616E-06	0.000819	9.43E-09	8.92E-04	6.14E-05	2.59E-06	0.001559	9.74E-09	0.001623
4233	480363.09	3856377.25	0.04591	0.04972	0.04548	0.02301	8.63E-05	4.4E-06	0.00099	2.6E-08	0.00108	1.06E-04	5.34501E-06	0.001216	1.44E-08	1.33E-03	9.32E-05	4.11E-06	0.002316	1.49E-08	0.002414
4234	480863.09	3856377.25	0.06042	0.06638	0.05888	0.03242	1.14E-04	5.8E-06	0.00128	3.6E-08	0.0014	1.39E-04	7.136E-06	0.001575	2.03E-08	1.72E-03	0.000123	5.49E-06	0.002999	2.09E-08	0.003127
4235	481363.09	3856377.25	0.07692	0.08646	0.07487	0.04679	1.45E-04	7.6E-06	0.00163	5.2E-08	0.00178	1.77E-04	9.29464E-06	0.002002	2.93E-08	2.19E-03	0.000156	7.15E-06	0.003813	3.02E-08	0.003977
4236	481863.09	3856377.25	0.09203	0.0975	0.09184	0.07	1.73E-04	8.6E-06	0.00199	7.8E-08	0.00218	2.12E-04	1.04815E-05	0.002456	4.38E-08	2.68E-03	0.000187	8.06E-06	0.004677	4.52E-08	0.004872
4237	482363.09	3856377.25	0.10381	0.10024	0.10532	0.09329	1.95E-04	8.8E-06	0.00229	1E-07	0.00249	2.39E-04	1.0776E-05	0.002817	5.83E-08	3.07E-03	0.000211	8.29E-06	0.005364	6.03E-08	0.005583
4238	482863.09	3856377.25	0.12689	0.12106	0.13187	0.11999	2.38E-04	1.1E-05	0.00286	1.3E-07	0.00311	2.92E-04	1.30142E-05	0.003527	7.5E-08	3.83E-03	0.000258	1E-05	0.006716	7.75E-08	0.006984
4239	483363.09	3856377.25	0.15853	0.15297	0.17107	0.15618	2.98E-04	1.3E-05	0.00371	1.7E-07	0.00403	3.65E-04	1.64446E-05	0.004575	9.77E-08	4.96E-03	0.000322	1.27E-05	0.008713	1.01E-07	0.009047
4240	483863.09	3856377.25	0.20473	0.17319	0.23325	0.21343	3.85E-04	1.5E-05	0.00507	2.4E-07	0.00547	4.71E-04	1.86183E-05	0.006238	1.33E-07	6.73E-03	0.000416	1.43E-05	0.01188	1.38E-07	0.01231
4241	484363.09	3856377.25	0.27063	0.17037	0.32502	0.31339	5.09E-04	1.5E-05	0.00706	3.5E-07	0.00758	6.23E-04	1.83152E-05	0.008693	1.96E-07	9.33E-03	0.000549	1.41E-05	0.016553	2.02E-07	0.017117
4242	484863.09	3856377.25	0.39166	0.185	0.48733	0.48726	7.36E-04	1.6E-05	0.01058	5.4E-07	0.01134	9.02E-04	1.98879E-05	0.013034	3.05E-07	1.40E-02	0.000795	1.53E-05	0.02482	3.15E-07	0.025631
4243	485363.09	3856377.25	0.72406	0.23159	0.91462	0.75113	1.36E-03	2E-05	0.01986	8.4E-07	0.02124	1.67E-03	2.48964E-05	0.024462	4.7E-07	2.62E-02	0.00147	1.92E-05	0.046582	4.85E-07	0.048072
4244	485863.09	3856377.25	2.7744	0.27759	6.43888	2.07849	5.21E-03	2.4E-05	0.13983	2.3E-06	0.14507	6.39E-03	2.98415E-05	0.172212	1.3E-06	1.79E-01	0.005633	2.3E-05	0.327936	1.34E-06	0.333593
4245	486363.09	3856377.25	3.5135	0.31989	5.60513	2.08211	6.60E-03	2.8E-05	0.12172	2.3E-06	0.12835	8.09E-03	3.43889E-05	0.149913	1.3E-06	1.58E-01	0.007134	2.65E-05	0.285472	1.34E-06	0.292634
4246	486863.09	3856377.25	1.61946	0.29692	2.19187	1.0293	3.04E-03	2.6E-05	0.0476	1.2E-06	0.05067	3.73E-03	3.19196E-05	0.058623	6.44E-07	6.24E-02	0.003288	2.46E-05	0.111633	6.65E-07	0.114947
4247	487363.09	3856377.25	1.07282	0.27179	1.43977	0.79491	2.02E-03	2.4E-05	0.03127	8.9E-07	0.03331	2.47E-03	2.9218E-05	0.038508	4.97E-07	4.10E-02	0.002178	2.25E-05	0.073328	5.13E-07	0.07553
4248	487863.09	3856377.25	0.80181	0.29148	1.0619	0.68602	1.51E-03	2.6E-05	0.02306	7.7E-07	0.02459	1.85E-03	3.13348E-05	0.028401	4.29E-07	3.03E-02	0.001628	2.41E-05	0.054083	4.43E-07	0.055736
4249	488363.09	3856377.25	0.63107	0.32786	0.82624	0.59322	1.19E-03	2.9E-05	0.01794	6.6E-07	0.01916	1.45E-03	3.52457E-05	0.022098	3.71E-07	2.36E-02	0.001281	2.71E-05	0.042081	3.83E-07	0.04339
4250	488863.09	3856377.25	0.51377	0.36894	0.66108	0.51851	9.65E-04	3.2E-05	0.01436	5.8E-07	0.01535	1.18E-03	3.96619E-05	0.017681	3.24E-07	1.89E-02	0.001043	3.05E-05	0.033669	3.35E-07	0.034743
4251	489363.09	3856377.25	0.42958	0.37837	0.54101	0.45387	8.07E-04	3.3E-05	0.01175	5.1E-07	0.01259	9.89E-04	4.06756E-05	0.01447	2.84E-07	1.55E-02	0.000872	3.13E-05	0.027554	2.93E-07	0.028458
4252	489863.09	3856377.25	0.3668	0.36241	0.45105	0.39875	6.89E-04	3.2E-05	0.0098	4.5E-07	0.01052	8.45E-04	3.89599E-05	0.012064	2.49E-07	1.29E-02	0.000745	3E-05	0.022972	2.58E-07	0.023747
4253	490363.09	3856377.25	0.31756	0.33363	0.38209	0.34535	5.97E-04	2.9E-05	0.0083	3.9E-07	0.00892	7.31E-04	3.5866E-05	0.010219	2.16E-07	1.10E-02	0.000645	2.76E-05	0.01946	2.23E-07	0.020133
4254	490863.09	3856377.25	0.27831	0.30275	0.32844	0.29881	5.23E-04	2.7E-05	0.00713	3.3E-07	0.00768	6.41E-04	3.25463E-05	0.008784	1.87E-07	9.46E-03	0.000565	2.5E-05	0.016728	1.93E-07	0.017318
4255	491363.09	3856377.25	0.24605	0.27253	0.2853	0.26268	4.62E-04	2.4E-05	0.0062	2.9E-07	0.00668	5.67E-04	2.92976E-05	0.007631	1.64E-07	8.23E-03	0.0005	2.25E-05	0.01453	1.7E-07	0.015053
4256	491863.09	3856377.25	0.21852	0.24318	0.24988	0.22786	4.11E-04	2.1E-05	0.00543	2.5E-07	0.00586	5.03E-04	2.61424E-05	0.006683	1.43E-07	7.21E-03	0.000444	2.01E-05	0.012727	1.47E-07	0.01319
4257	492363.09	3856377.25	0.19232	0.21371	0.21796	0.19125	3.61E-04	1.9E-05	0.00473	2.1E-07	0.00511	4.43E-04	2.29743E-05	0.005829	1.2E-07	6.30E-03	0.00039	1.77E-05	0.011101	1.24E-07	0.011509
4258	492863.09	3856377.25	0.15873	0.17449	0.17953	0.14595	2.98E-04	1.5E-05	0.0039	1.6E-07	0.00421	3.66E-04	1.87581E-05	0.004802	9.13E-08	5.19E-03	0.000322	1.44E-05	0.009144	9.43E-08	0.00948
4259	493363.09	3856377.25	0.10262	0.10983	0.11526	0.09401	1.93E-04	9.6E-06	0.0025	1.1E-07	0.00271	2.36E-04	1.1807E-05	0.003083	5.88E-08	3.33E-03	0.000208	9.08E-06	0.00587	6.07E-08	0.006088
4260	493863.09	3856377.25	0.07739	0.08218	0.0858	0.07373	1.45E-04	7.2E-06	0.00186	8.2E-08	0.00202	1.78E-04	8.83453E-06	0.002295	4.61E-08	2.48E-03	0.000157	6.8E-06	0.00437	4.76E-08	0.004534
4261	494363.09	3856377.25	0.0547	0.05761	0.05971	0.05529	1.03E-04	5.1E-06	0.0013	6.2E-08	0.0014	1.26E-04	6.1932E-06	0.001597	3.46E-08	1.73E-03	0.000111	4.76E-06	0.003041	3.57E-08	0.003157
4262	494863.09	3856377.25	0.04012	0.0419	0.0432	0.04239	7.54E-05	3.7E-06	0.00094	4.7E-08	0.00102	9.24E-05	4.50434E-06	0.001155	2.65E-08	1.25E-03	8.15E-05	3.47E-06	0.0022	2.74E-08	0.002285
4263	495363.09	3856377.25	0.03198	0.03317	0.03406	0.03427	6.01E-05	2.9E-06	0.00074	3.8E-08	0.0008	7.36E-05	3.56585E-06	0.000911	2.14E-08	9.88E-04	6.49E-05	2.74E-06	0.001735	2.21E-08	0.001802
4264	495863.09	3856377.25	0.02988	0.03091	0.03156	0.03181	5.62E-05	2.7E-06	0.00069	3.6E-08	0.00074	6.88E-05	3.32289E-06	0.000844	1.99E-08	9.16E-04	6.07E-05	2.56E-06	0.001607	2.05E-08	0.001671
4265	496363.09	3856377.25	0.02925	0.03021	0.03096	0.03101	5.50E-05	2.7E-06	0.00067	3.5E-08	0.00073	6.74E-05	3.24764E-06	0.000828	1.94E-08	8.99E-04	5.94E-05	2.5E-06	0.001577	2E-08	0.001639
4266	496863.09	3856377.25	0.03071	0.03181	0.03236	0.03192	5.77E-05	2.8E-06	0.0007	3.6E-08	0.00076	7.07E-05	3.41965E-06	0.000865	2E-08	9.40E-04	6.24E-05	2.63E-06	0.001648	2.06E-08	0.001713

4267	497363.09	3856377.25	0.03187	0.03307	0.03369	0.0326	5.99E-05	2.9E-06	0.00073	3.6E-08	0.00079	7.34E-05	3.5551E-06	0.000901	2.04E-08	9.78E-04	6.47E-05	2.73E-06	0.001716	2.11E-08	0.001783
4268	497863.09	3856377.25	0.03429	0.03575	0.03614	0.03404	6.44E-05	3.1E-06	0.00078	3.8E-08	0.00085	7.90E-05	3.84321E-06	0.000967	2.13E-08	1.05E-03	6.96E-05	2.96E-06	0.001841	2.2E-08	0.001913
4269	498363.09	3856377.25	0.03765	0.03948	0.03976	0.03633	7.08E-05	3.5E-06	0.00086	4.1E-08	0.00094	8.67E-05	4.24419E-06	0.001063	2.27E-08	1.15E-03	7.64E-05	3.26E-06	0.002025	2.35E-08	0.002105
4270	471363.09	3856877.25	0.00916	0.00994	0.00929	0.00658	1.72E-05	8.7E-07	0.0002	7.4E-09	0.00022	2.11E-05	1.06857E-06	0.000248	4.12E-09	2.71E-04	1.86E-05	8.22E-07	0.000473	4.25E-09	0.000493
4271	471863.09	3856877.25	0.00952	0.01023	0.00969	0.00673	1.79E-05	9E-07	0.00021	7.5E-09	0.00023	2.19E-05	1.09975E-06	0.000259	4.21E-09	2.82E-04	1.93E-05	8.46E-07	0.000494	4.35E-09	0.000514
4272	472363.09	3856877.25	0.0102	0.01083	0.01037	0.0072	1.92E-05	9.5E-07	0.00023	8E-09	0.00025	2.35E-05	1.16425E-06	0.000277	4.5E-09	3.02E-04	2.07E-05	8.96E-07	0.000528	4.65E-09	0.00055
4273	472863.09	3856877.25	0.01093	0.01149	0.0111	0.00769	2.05E-05	1E-06	0.00024	8.6E-09	0.00026	2.52E-05	1.2352E-06	0.000297	4.81E-09	3.23E-04	2.22E-05	9.5E-07	0.000565	4.97E-09	0.000588
4274	473363.09	3856877.25	0.01212	0.01264	0.01223	0.00872	2.28E-05	1.1E-06	0.00027	9.7E-09	0.00029	2.79E-05	1.35883E-06	0.000327	5.45E-09	3.56E-04	2.46E-05	1.05E-06	0.000623	5.63E-09	0.000649
4275	473863.09	3856877.25	0.013	0.01346	0.0131	0.0093	2.44E-05	1.2E-06	0.00028	1E-08	0.00031	2.99E-05	1.44698E-06	0.00035	5.82E-09	3.82E-04	2.64E-05	1.11E-06	0.000667	6.01E-09	0.000695
4276	474363.09	3856877.25	0.01314	0.01358	0.01335	0.00889	2.47E-05	1.2E-06	0.00029	9.9E-09	0.00032	3.03E-05	1.45988E-06	0.000357	5.56E-09	3.89E-04	2.67E-05	1.12E-06	0.00068	5.74E-09	0.000708
4277	474863.09	3856877.25	0.01279	0.01319	0.01316	0.00815	2.40E-05	1.2E-06	0.00029	9.1E-09	0.00031	2.95E-05	1.41795E-06	0.000352	5.1E-09	3.83E-04	2.6E-05	1.09E-06	0.00067	5.26E-09	0.000697
4278	475363.09	3856877.25	0.01133	0.0116	0.01183	0.00695	2.13E-05	1E-06	0.00026	7.8E-09	0.00028	2.61E-05	1.24703E-06	0.000316	4.35E-09	3.44E-04	2.3E-05	9.59E-07	0.000603	4.49E-09	0.000626
4279	475863.09	3856877.25	0.01154	0.01175	0.01206	0.00698	2.17E-05	1E-06	0.00026	7.8E-09	0.00028	2.66E-05	1.26315E-06	0.000323	4.37E-09	3.50E-04	2.34E-05	9.72E-07	0.000614	4.51E-09	0.000639
4280	476363.09	3856877.25	0.01018	0.0103	0.01067	0.00627	1.91E-05	9E-07	0.00023	7E-09	0.00025	2.34E-05	1.10727E-06	0.000285	3.92E-09	3.10E-04	2.07E-05	8.52E-07	0.000543	4.05E-09	0.000565
4281	476863.09	3856877.25	0.00991	0.01005	0.01035	0.00617	1.86E-05	8.8E-07	0.00022	6.9E-09	0.00024	2.28E-05	1.0804E-06	0.000277	3.86E-09	3.01E-04	2.01E-05	8.31E-07	0.000527	3.99E-09	0.000548
4282	477363.09	3856877.25	0.00881	0.00896	0.0092	0.00576	1.66E-05	7.9E-07	0.0002	6.4E-09	0.00022	2.03E-05	9.6322E-07	0.000246	3.6E-09	2.67E-04	1.79E-05	7.41E-07	0.000469	3.72E-09	0.000487
4283	477863.09	3856877.25	0.00595	0.00598	0.00619	0.00452	1.12E-05	5.2E-07	0.00013	5.1E-09	0.00015	1.37E-05	6.42863E-07	0.000166	2.83E-09	1.80E-04	1.21E-05	4.95E-07	0.000315	2.92E-09	0.000328
4284	478363.09	3856877.25	0.0053	0.00523	0.00549	0.0043	9.96E-06	4.6E-07	0.00012	4.8E-09	0.00013	1.22E-05	5.62237E-07	0.000147	2.69E-09	1.60E-04	1.08E-05	4.33E-07	0.00028	2.78E-09	0.000291
4285	478863.09	3856877.25	0.00693	0.00683	0.00723	0.00523	1.30E-05	6E-07	0.00016	5.8E-09	0.00017	1.60E-05	7.3424E-07	0.000193	3.27E-09	2.10E-04	1.41E-05	5.65E-07	0.000368	3.38E-09	0.000383
4286	479363.09	3856877.25	0.00966	0.0095	0.01015	0.00661	1.82E-05	8.3E-07	0.00022	7.4E-09	0.00024	2.22E-05	1.02127E-06	0.000271	4.13E-09	2.95E-04	1.96E-05	7.86E-07	0.000517	4.27E-09	0.000537
4287	479863.09	3856877.25	0.02762	0.02808	0.0285	0.01355	5.19E-05	2.5E-06	0.00062	1.5E-08	0.00067	6.36E-05	3.01866E-06	0.000762	8.47E-09	8.29E-04	5.61E-05	2.32E-06	0.001452	8.75E-09	0.00151
4288	480363.09	3856877.25	0.04455	0.04881	0.0451	0.02218	8.37E-05	4.3E-06	0.00098	2.5E-08	0.00107	1.03E-04	5.24718E-06	0.001206	1.39E-08	1.31E-03	9.05E-05	4.04E-06	0.002297	1.43E-08	0.002391
4289	480863.09	3856877.25	0.05879	0.06291	0.06008	0.03501	1.10E-04	5.5E-06	0.0013	3.9E-08	0.00142	1.35E-04	6.76297E-06	0.001607	2.19E-08	1.75E-03	0.000119	5.2E-06	0.00306	2.26E-08	0.003184
4290	481363.09	3856877.25	0.0714	0.06812	0.07301	0.05012	1.34E-04	6E-06	0.00159	5.6E-08	0.00173	1.64E-04	7.32305E-06	0.001953	3.13E-08	2.12E-03	0.000145	5.63E-06	0.003718	3.24E-08	0.003869
4291	481863.09	3856877.25	0.08387	0.07631	0.08635	0.06507	1.58E-04	6.7E-06	0.00188	7.3E-08	0.00204	1.93E-04	8.2035E-06	0.002309	4.07E-08	2.51E-03	0.00017	6.31E-06	0.004398	4.2E-08	0.004574
4292	482363.09	3856877.25	0.09348	0.08466	0.09673	0.08927	1.76E-04	7.4E-06	0.0021	1E-07	0.00228	2.15E-04	9.10114E-06	0.002587	5.58E-08	2.81E-03	0.00019	7E-06	0.004927	5.77E-08	0.005123
4293	482863.09	3856877.25	0.10968	0.10149	0.11546	0.10979	2.06E-04	8.9E-06	0.00251	1.2E-07	0.00272	2.53E-04	1.09104E-05	0.003088	6.87E-08	3.35E-03	0.000223	8.39E-06	0.00588	7.09E-08	0.006112
4294	483363.09	3856877.25	0.13228	0.11917	0.14445	0.13829	2.49E-04	1E-05	0.00314	1.5E-07	0.0034	3.05E-04	1.2811E-05	0.003863	8.65E-08	4.18E-03	0.000269	9.86E-06	0.007357	8.93E-08	0.007635
4295	483863.09	3856877.25	0.16262	0.13065	0.18375	0.18133	3.06E-04	1.1E-05	0.00399	2E-07	0.00431	3.74E-04	1.40452E-05	0.004915	1.13E-07	5.30E-03	0.00033	1.08E-05	0.009358	1.17E-07	0.0097
4296	484363.09	3856877.25	0.20356	0.14046	0.23892	0.24366	3.83E-04	1.2E-05	0.00519	2.7E-07	0.00558	4.69E-04	1.50998E-05	0.00639	1.52E-07	6.87E-03	0.000413	1.16E-05	0.012168	1.57E-07	0.012593
4297	484863.09	3856877.25	0.26076	0.16458	0.31344	0.33216	4.90E-04	1.4E-05	0.00681	3.7E-07	0.00731	6.00E-04	1.76927E-05	0.008383	2.08E-07	9.00E-03	0.000529	1.36E-05	0.015964	2.15E-07	0.016507
4298	485363.09	3856877.25	0.36932	0.20834	0.45547	0.48046	6.94E-04	1.8E-05	0.00989	5.4E-07	0.0106	8.50E-04	2.2397E-05	0.012182	3E-07	1.31E-02	0.00075	1.72E-05	0.023197	3.1E-07	0.023965
4299	485863.09	3856877.25	0.61685	0.28708	0.77249	0.74136	1.16E-03	2.5E-05	0.01678	8.3E-07	0.01796	1.42E-03	3.08617E-05	0.020661	4.64E-07	2.21E-02	0.001252	2.37E-05	0.039343	4.79E-07	0.04062
4300	486363.09	3856877.25	2.84875	0.48606	3.12112	0.77016	5.35E-03	4.3E-05	0.06778	8.6E-07	0.07318	6.56E-03	5.22525E-05	0.083476	4.82E-07	9.01E-02	0.005784	4.02E-05	0.15896	4.97E-07	0.164785
4301	486863.09	3856877.25	4.21364	0.7691	8.16661	3.01081	7.92E-03	6.7E-05	0.17735	3.4E-06	0.18534	9.70E-03	8.268E-05	0.218422	1.88E-06	2.28E-01	0.008555	6.36E-05	0.41593	1.94E-06	0.424551
4302	487363.09	3856877.25	1.66813	0.74836	2.32743	1.34678	3.13E-03	6.6E-05	0.05054	1.5E-06	0.05374	3.84E-03	8.04504E-05	0.062249	8.42E-07	6.62E-02	0.003387	6.19E-05	0.118537	8.7E-07	0.121987
4303	487863.09	3856877.25	0.98591	1.06368	1.36341	1.04493	1.85E-03	9.3E-05	0.02961	1.2E-06	0.03156	2.27E-03	0.000114348	0.036465	6.54E-07	3.89E-02	0.002002	8.8E-05	0.069439	6.75E-07	0.07153
4304	488363.09	3856877.25	0.71099	1.01875	0.92947	0.86581	1.34E-03	8.9E-05	0.02018	9.7E-07	0.02161	1.64E-03	0.000109518	0.024859	5.42E-07	2.66E-02	0.001444	8.42E-05	0.047338	5.59E-07	0.048867
4305	488863.09	3856877.25	0.55839	0.8436	0.69539	0.71207	1.05E-03	7.4E-05	0.0151	8E-07	0.01623	1.29E-03	9.06889E-05	0.018599	4.45E-07	2.00E-02	0.001134	6.98E-05	0.035417	4.6E-07	0.036621
4306	489363.09	3856877.25	0.45716	0.67517	0.54644	0.60011	8.59E-04	5.9E-05	0.01187	6.7E-07	0.01279	1.05E-03	7.25823E-05	0.014615	3.75E-07	1.57E-02	0.000928	5.58E-05	0.027831	3.88E-07	0.028815
4307	489863.09	3856877.25	0.3843	0.54733	0.44537	0.50368	7.22E-04	4.8E-05	0.00967	5.6E-07	0.01044	8.85E-04	5.88392E-05	0.011912	3.15E-07	1.29E-02	0.00078	4.53E-05	0.022683	3.25E-07	0.023509
4308	490363.09	3856877.25	0.32902	0.45133	0.37238	0.417	6.18E-04	4E-05	0.00809	4.7E-07	0.00874	7.58E-04	4.8519E-05	0.00996	2.61E-07	1.08E-02	0.000668	3.73E-05	0.018966	2.69E-07	0.019671
4309	490863.09	3856877.25	0.28505	0.3774	0.31678	0.35181	5.36E-04	3.3E-05	0.00688	3.9E-07	0.00745	6.56E-04	4.05713E-05	0.008472	2.2E-07	9.17E-03	0.000579	3.12E-05	0.016134	2.27E-07	0.016744
4310	491363.09	3856877.25	0.25013	0.32116	0.27415	0.29904	4.70E-04	2.8E-05	0.00595	3.3E-07	0.00645	5.76E-04	3.45254E-05	0.007332	1.87E-07	7.94E-03	0.000508	2.66E-05	0.013963	1.93E-07	0.014497
4311	491863.09	3856877.25	0.22104	0.2756	0.24035	0.25268	4.15E-04	2.4E-05	0.00522	2.8E-07	0.00566	5.09E-04	2.96276E-05	0.006428	1.58E-07	6.97E-03	0.000449	2.28E-05	0.012241	1.63E-07	0.012713
4312	492363.09	3856877.25	0.18283	0.22163	0.20117	0.18269	3.44E-04	1.9E-05	0.00437	2E-07	0.00473	4.21E-04	2.38257E-05	0.00538	1.14E-07	5.83E-03	0.000371	1.83E-05	0.010246	1.18E-07	0.010635
4313	492863.09	3856877.25	0.14386	0.16921	0.15794	0.13642	2.70E-04	1.5E-05	0.00343	1.5E-07	0.00372	3.31E-04	1.81905E-05	0.004224	8.53E-08	4.57E-03	0.000292	1.4E-05	0.008044	8.81E-08	0.00835
4314	493363.09	3856877.25	0.10303	0.11764	0.11186	0.09855	1.94E-04	1E-05	0.00243	1.1E-07	0.00263	2.37E-04	1.26466E-05	0.002992	6.16E-08	3.24E-03	0.000209	9.73E-06	0.005697	6.37E-08	0.005916
4315	493863.09	3856877.25	0.06821	0.0764	0.07328	0.06919	1.28E-04	6.7E-06	0.00159	7.7E-08	0.00173	1.57E-04	8.21317E-06	0.00196	4.33E-08	2.13E-03	0.000138	6.32E-06	0.003732	4.47E-08	0.003877
4316	494363.09	3856877.25	0.04741	0.05261	0.0501	0.05073	8.91E-05	4.6E-06	0.00109	5.7E-08	0.00118	1.09E-04	5.65569E-06	0.00134	3.17E-08	1.45E-03	9.63E-05	4.35E-06	0.002552	3.28E-08	0.002652
4317	494863.09	3856877.25	0.03888	0.04284	0.04072	0.04214	7.31E-05	3.8E-06	0.00088	4.7E-08	0.00096	8.95E-05	4.6054E-06	0.001089	2.64E-08	1.18E-03	7.89E-05	3.54E-06	0.002074	2.72E-08	0.002156
4318	495363.09	3856877.25	0.03418	0.03744	0.03556	0.03697	6.42E-05	3.3E-06	0.00077	4.1E-08	0.00084	7.87E-05	4.02488E-06	0.000951	2.31E-08	1.03E-03	6.94E-05	3.1E-06	0.001811	2.39E-08	0.001884
4319	495863.09	3856877.25	0.03259	0.03559	0.03385	0.03495	6.12E-05	3.1E-06	0.00074	3.9E-08	0.0008	7.50E-05	3.826E-06	0.000905	2.19E-08	9.84E-04	6.62E-05	2.94E-06	0.001724	2.26E-08	0.001793
4320	496363.09	3856877.25	0.03166	0.03447	0.03282	0.03358	5.95E-05	3E-06	0.00071	3.8E-08	0.00078	7.29E-05	3.7056E-06	0.000878	2.1E-08	9.54E-04	6.43E-05	2.85E-06	0.001672	2.17E-08	0.001739
4321	496863.09	3856877.25	0.03198	0.03475	0.03299	0.03329	6.01E-05	3E-06	0.00072	3.7E-08	0.00078	7.36E-05	3.7357E-06	0.000882	2.08E-08	9.60E-04	6.49E-05	2.87E-06	0.00168	2.15E-08	0.001748
4322	497363.09	3856877.25	0.03344	0.03626	0.03454	0.03398	6.28E-05	3.2E-06	0.00075	3.8E-08	0.00082	7.70E-05	3.89803E-06	0.000924	2.13E-08	1.00E-03	6.79E-05	3E-06	0.001759	2.2E-08	0.00183
4323	497863.09	3856877.25	0.03747	0.04061	0.03881	0.0368	7.04E-05	3.6E-06	0.00084	4.1E-08	0.00092	8.63E-05	4.36567E-06	0.001038	2.3E-08	1.13E-03	7.61E-05	3.36E-06	0.001977	2.38E-08	0.002056
4324	498363.09	3856877.25	0.04238	0.04603	0.04401	0.0404	7.96E-05	4E-06	0.00096	4.5E-08	0.00104	9.76E-05	4.94833E-06	0.001177	2.53E-08	1.28E-03	8.6E-05	3.81E-06	0.002241	2.61E-08	0.002331
4325	471363.09	3857377.25	0.00935	0.00922	0.00934	0.00694	1.76E-05	8.1E-07	0.0002	7.8E-09	0.00022	2.15E-05	9.91171E-07	0.00025	4.34E-09	2.72E-04	1.9E-05	7.62E-07	0.000476	4.48E-09	0.000495
4326	471863.09	3857377.25	0.00969	0.00955	0.0097	0.00702	1.82E-05	8.4E-07	0.00021	7.8E-09	0.00023	2.23E-05	1.02665E-06	0.000259	4.39E-09	2.83E-04	1.97E-05	7.9E-07	0.000494	4.53E-09	0.000514
4327	472363.09	3857377.25	0.01027	0.01009	0.01028	0.00737	1.93E-05	8.9E-07	0.00022	8.2E-09	0.00024	2.36E-05	1.0847E-06	0.000275	4.61E-09	3.00E-04	2.09E-05	8.34E-07	0.000524	4.76E-09	0.000545

4328	472863.09	3857377.25	0.01101	0.01074	0.011	0.00788	2.07E-05	9.4E-07	0.00024	8.8E-09	0.00026	2.54E-05	1.15457E-06	0.000294	4.93E-09	3.21E-04	2.24E-05	8.88E-07	0.00056	5.09E-09	0.000583
4329	473363.09	3857377.25	0.01197	0.01157	0.01191	0.00863	2.25E-05	1E-06	0.00026	9.6E-09	0.00028	2.76E-05	1.2438E-06	0.000319	5.4E-09	3.47E-04	2.43E-05	9.57E-07	0.000607	5.57E-09	0.000632
4330	473863.09	3857377.25	0.01313	0.0126	0.01298	0.00963	2.47E-05	1.1E-06	0.00028	1.1E-08	0.00031	3.02E-05	1.35453E-06	0.000347	6.02E-09	3.79E-04	2.67E-05	1.04E-06	0.000661	6.22E-09	0.000689
4331	474363.09	3857377.25	0.01297	0.01258	0.01293	0.00876	2.44E-05	1.1E-06	0.00028	9.8E-09	0.00031	2.99E-05	1.35238E-06	0.000346	5.48E-09	3.77E-04	2.63E-05	1.04E-06	0.000659	5.66E-09	0.000686
4332	474863.09	3857377.25	0.01061	0.01053	0.01083	0.0065	1.99E-05	9.2E-07	0.00024	7.3E-09	0.00026	2.44E-05	1.132E-06	0.00029	4.07E-09	3.15E-04	2.15E-05	8.71E-07	0.000552	4.2E-09	0.000574
4333	475363.09	3857377.25	0.00748	0.00753	0.00775	0.00478	1.41E-05	6.6E-07	0.00017	5.3E-09	0.00018	1.72E-05	8.09492E-07	0.000207	2.99E-09	2.25E-04	1.52E-05	6.23E-07	0.000395	3.09E-09	0.000411
4334	475863.09	3857377.25	0.00698	0.007	0.00724	0.00453	1.31E-05	6.1E-07	0.00016	5.1E-09	0.00017	1.61E-05	7.52516E-07	0.000194	2.83E-09	2.10E-04	1.42E-05	5.79E-07	0.000369	2.93E-09	0.000383
4335	476363.09	3857377.25	0.00946	0.00953	0.00973	0.00572	1.78E-05	8.4E-07	0.00021	6.4E-09	0.00023	2.18E-05	1.0245E-06	0.00026	3.58E-09	2.83E-04	1.92E-05	7.88E-07	0.000496	3.69E-09	0.000516
4336	476863.09	3857377.25	0.01028	0.01049	0.01047	0.00613	1.93E-05	9.2E-07	0.00023	6.8E-09	0.00025	2.37E-05	1.1277E-06	0.00028	3.83E-09	3.05E-04	2.09E-05	8.68E-07	0.000533	3.96E-09	0.000555
4337	477363.09	3857377.25	0.00896	0.00909	0.00934	0.00565	1.68E-05	8E-07	0.0002	6.3E-09	0.00022	2.06E-05	9.77195E-07	0.00025	3.53E-09	2.71E-04	1.82E-05	7.52E-07	0.000476	3.65E-09	0.000495
4338	477863.09	3857377.25	0.00658	0.00654	0.00687	0.00467	1.24E-05	5.7E-07	0.00015	5.2E-09	0.00016	1.52E-05	7.03065E-07	0.000184	2.92E-09	2.00E-04	1.34E-05	5.41E-07	0.00035	3.02E-09	0.000364
4339	478363.09	3857377.25	0.00497	0.00486	0.00512	0.00397	9.34E-06	4.3E-07	0.00011	4.4E-09	0.00012	1.14E-05	5.22461E-07	0.000137	2.48E-09	1.49E-04	1.01E-05	4.02E-07	0.000261	2.56E-09	0.000271
4340	478863.09	3857377.25	0.00426	0.00418	0.00433	0.00362	8.01E-06	3.7E-07	9.4E-05	4E-09	0.0001	9.81E-06	4.49359E-07	0.000116	2.26E-09	1.26E-04	8.65E-06	3.46E-07	0.000221	2.34E-09	0.00023
4341	479363.09	3857377.25	0.00722	0.00732	0.00742	0.0052	1.36E-05	6.4E-07	0.00016	5.8E-09	0.00018	1.66E-05	7.86916E-07	0.000198	3.25E-09	2.16E-04	1.47E-05	6.05E-07	0.000378	3.36E-09	0.000393
4342	479863.09	3857377.25	0.02272	0.02383	0.02396	0.01132	4.27E-05	2.1E-06	0.00052	1.3E-08	0.00057	5.23E-05	2.56178E-06	0.000641	7.08E-09	6.96E-04	4.61E-05	1.97E-06	0.00122	7.31E-09	0.001268
4343	480363.09	3857377.25	0.0183	0.0182	0.01942	0.00994	3.44E-05	1.6E-06	0.00042	1.1E-08	0.00046	4.21E-05	1.95654E-06	0.000519	6.22E-09	5.64E-04	3.72E-05	1.51E-06	0.000989	6.42E-09	0.001028
4344	480863.09	3857377.25	0.05466	0.04912	0.05674	0.03542	1.03E-04	4.3E-06	0.00123	4E-08	0.00134	1.26E-04	5.28051E-06	0.001518	2.22E-08	1.65E-03	0.000111	4.06E-06	0.00289	2.29E-08	0.003005
4345	481363.09	3857377.25	0.06211	0.05631	0.06498	0.03905	1.17E-04	4.9E-06	0.00141	4.4E-08	0.00153	1.43E-04	6.05345E-06	0.001738	2.44E-08	1.89E-03	0.000126	4.66E-06	0.003309	2.52E-08	0.00344
4346	481863.09	3857377.25	0.07481	0.06671	0.0781	0.05459	1.41E-04	5.9E-06	0.0017	6.1E-08	0.00184	1.72E-04	7.17147E-06	0.002089	3.41E-08	2.27E-03	0.000152	5.52E-06	0.003978	3.53E-08	0.004135
4347	482363.09	3857377.25	0.08491	0.07678	0.08866	0.07971	1.60E-04	6.7E-06	0.00193	8.9E-08	0.00209	1.96E-04	8.25402E-06	0.002371	4.99E-08	2.58E-03	0.000172	6.35E-06	0.004516	5.15E-08	0.004694
4348	482863.09	3857377.25	0.09551	0.08664	0.1015	0.09718	1.79E-04	7.6E-06	0.0022	1.1E-07	0.00239	2.20E-04	9.31399E-06	0.002715	6.08E-08	2.94E-03	0.000194	7.17E-06	0.005169	6.28E-08	0.005371
4349	483363.09	3857377.25	0.1108	0.0948	0.12108	0.11952	2.08E-04	8.3E-06	0.00263	1.3E-07	0.00285	2.55E-04	1.01912E-05	0.003238	7.48E-08	3.50E-03	0.000225	7.84E-06	0.006167	7.72E-08	0.0064
4350	483863.09	3857377.25	0.13139	0.10552	0.14648	0.15016	2.47E-04	9.3E-06	0.00318	1.7E-07	0.00344	3.03E-04	1.13436E-05	0.003918	9.39E-08	4.23E-03	0.000267	8.73E-06	0.00746	9.7E-08	0.007736
4351	484363.09	3857377.25	0.15626	0.11497	0.17777	0.18975	2.94E-04	1E-05	0.00386	2.1E-07	0.00416	3.60E-04	1.23595E-05	0.004755	1.19E-07	5.13E-03	0.000317	9.51E-06	0.009054	1.23E-07	0.009381
4352	484863.09	3857377.25	0.19018	0.13947	0.2178	0.24259	3.57E-04	1.2E-05	0.00473	2.7E-07	0.0051	4.38E-04	1.49933E-05	0.005825	1.52E-07	6.28E-03	0.000386	1.15E-05	0.011093	1.57E-07	0.011491
4353	485363.09	3857377.25	0.23851	0.18171	0.27406	0.31687	4.48E-04	1.6E-05	0.00595	3.5E-07	0.00642	5.49E-04	1.95342E-05	0.00733	1.98E-07	7.90E-03	0.000484	1.5E-05	0.013958	2.05E-07	0.014458
4354	485863.09	3857377.25	0.31773	0.27543	0.36074	0.43626	5.97E-04	2.4E-05	0.00783	4.9E-07	0.00846	7.32E-04	2.96093E-05	0.009648	2.73E-07	1.04E-02	0.000645	2.28E-05	0.018373	2.82E-07	0.019041
4355	486363.09	3857377.25	0.51617	0.59441	0.55808	0.64807	9.70E-04	5.2E-05	0.01212	7.2E-07	0.01314	1.19E-03	6.39004E-05	0.014926	4.05E-07	1.62E-02	0.001048	4.92E-05	0.028423	4.19E-07	0.029521
4356	486863.09	3857377.25	1.61622	3.19353	1.0088	0.72599	3.04E-03	0.00028	0.02191	8.1E-07	0.02523	3.72E-03	0.000343312	0.026981	4.54E-07	3.10E-02	0.003282	0.000264	0.051379	4.69E-07	0.054925
4357	487363.09	3857377.25	2.39137	19.38069	1.93059	3.68892	4.49E-03	0.0017	0.04192	4.1E-06	0.04812	5.51E-03	0.002083468	0.051635	2.31E-06	5.92E-02	0.004855	0.001603	0.098326	2.38E-06	0.104787
4358	487863.09	3857377.25	1.08055	4.38827	1.25496	1.80019	2.03E-03	0.00038	0.02725	2E-06	0.02967	2.49E-03	0.000471749	0.033565	1.13E-06	3.65E-02	0.002194	0.000363	0.063916	1.16E-06	0.066474
4359	488363.09	3857377.25	0.74872	1.9572	0.78524	1.26322	1.41E-03	0.00017	0.01705	1.4E-06	0.01863	1.72E-03	0.000210403	0.021002	7.9E-07	2.29E-02	0.00152	0.000162	0.039993	8.16E-07	0.041676
4360	488863.09	3857377.25	0.5672	1.15835	0.57068	0.95328	1.07E-03	0.0001	0.01239	1.1E-06	0.01356	1.31E-03	0.000124525	0.015263	5.96E-07	1.67E-02	0.001152	9.58E-05	0.029065	6.16E-07	0.030313
4361	489363.09	3857377.25	0.45294	0.79425	0.44881	0.73671	8.51E-04	7E-05	0.00975	8.2E-07	0.01067	1.04E-03	8.53837E-05	0.012004	4.61E-07	1.31E-02	0.00092	6.57E-05	0.022858	4.76E-07	0.023844
4362	489863.09	3857377.25	0.37593	0.59545	0.3715	0.57279	7.06E-04	5.2E-05	0.00807	6.4E-07	0.00883	8.66E-04	6.40122E-05	0.009936	3.58E-07	1.09E-02	0.000763	4.92E-05	0.018921	3.7E-07	0.019734
4363	490363.09	3857377.25	0.3186	0.46704	0.31493	0.45648	5.99E-04	4.1E-05	0.00684	5.1E-07	0.00748	7.34E-04	5.02078E-05	0.008423	2.86E-07	9.21E-03	0.000647	3.86E-05	0.01604	2.95E-07	0.016725
4364	490863.09	3857377.25	0.27488	0.37858	0.27144	0.3736	5.17E-04	3.3E-05	0.00589	4.2E-07	0.00644	6.33E-04	4.06982E-05	0.00726	2.34E-07	7.93E-03	0.000558	3.13E-05	0.013825	2.41E-07	0.014414
4365	491363.09	3857377.25	0.24017	0.31493	0.23736	0.31224	4.51E-04	2.8E-05	0.00515	3.5E-07	0.00563	5.53E-04	3.38557E-05	0.006348	1.95E-07	6.94E-03	0.000488	2.6E-05	0.012089	2.02E-07	0.012603
4366	491863.09	3857377.25	0.21059	0.2651	0.21137	0.25124	3.96E-04	2.3E-05	0.00459	2.8E-07	0.00501	4.85E-04	2.84988E-05	0.005653	1.57E-07	6.17E-03	0.000428	2.19E-05	0.010765	1.62E-07	0.011215
4367	492363.09	3857377.25	0.16459	0.19992	0.17161	0.16662	3.09E-04	1.8E-05	0.00373	1.9E-07	0.00405	3.79E-04	2.14918E-05	0.00459	1.04E-07	4.99E-03	0.000334	1.65E-05	0.00874	1.08E-07	0.009091
4368	492863.09	3857377.25	0.11416	0.13318	0.11942	0.11294	2.15E-04	1.2E-05	0.00259	1.3E-07	0.00282	2.63E-04	1.43171E-05	0.003194	7.06E-08	3.47E-03	0.000232	1.1E-05	0.006082	7.3E-08	0.006325
4369	493363.09	3857377.25	0.07626	0.08703	0.07923	0.07884	1.43E-04	7.6E-06	0.00172	8.8E-08	0.00187	1.76E-04	9.35592E-06	0.002119	4.93E-08	2.30E-03	0.000155	7.2E-06	0.004035	5.09E-08	0.004197
4370	493863.09	3857377.25	0.0616	0.0694	0.06351	0.06464	1.16E-04	6.1E-06	0.00138	7.2E-08	0.0015	1.42E-04	7.46066E-06	0.001699	4.04E-08	1.85E-03	0.000125	5.74E-06	0.003235	4.18E-08	0.003365
4371	494363.09	3857377.25	0.04899	0.0547	0.04978	0.0523	9.21E-05	4.8E-06	0.00108	5.8E-08	0.00118	1.13E-04	5.88037E-06	0.001331	3.27E-08	1.45E-03	9.95E-05	4.52E-06	0.002535	3.38E-08	0.002639
4372	494863.09	3857377.25	0.04302	0.04776	0.04354	0.04597	8.08E-05	4.2E-06	0.00095	5.1E-08	0.00103	9.91E-05	5.13431E-06	0.001165	2.88E-08	1.27E-03	8.73E-05	3.95E-06	0.002218	2.97E-08	0.002309
4373	495363.09	3857377.25	0.03847	0.04248	0.039	0.04115	7.23E-05	3.7E-06	0.00085	4.6E-08	0.00092	8.86E-05	4.5667E-06	0.001043	2.57E-08	1.14E-03	7.81E-05	3.51E-06	0.001986	2.66E-08	0.002068
4374	495863.09	3857377.25	0.03676	0.04039	0.03726	0.03882	6.91E-05	3.5E-06	0.00081	4.3E-08	0.00088	8.47E-05	4.34202E-06	0.000997	2.43E-08	1.09E-03	7.46E-05	3.34E-06	0.001898	2.51E-08	0.001976
4375	496363.09	3857377.25	0.0358	0.03916	0.03633	0.03725	6.73E-05	3.4E-06	0.00079	4.2E-08	0.00086	8.24E-05	4.20979E-06	0.000972	2.33E-08	1.06E-03	7.27E-05	3.24E-06	0.00185	2.41E-08	0.001926
4376	496863.09	3857377.25	0.03543	0.03861	0.03587	0.03621	6.66E-05	3.4E-06	0.00078	4E-08	0.00085	8.16E-05	4.15066E-06	0.000959	2.26E-08	1.05E-03	7.19E-05	3.19E-06	0.001827	2.34E-08	0.001902
4377	497363.09	3857377.25	0.03686	0.04013	0.03762	0.03691	6.93E-05	3.5E-06	0.00082	4.1E-08	0.00089	8.49E-05	4.31406E-06	0.001006	2.31E-08	1.10E-03	7.48E-05	3.32E-06	0.001916	2.38E-08	0.001994
4378	497863.09	3857377.25	0.03976	0.04335	0.04058	0.03872	7.47E-05	3.8E-06	0.00088	4.3E-08	0.00096	9.16E-05	4.66022E-06	0.001085	2.42E-08	1.18E-03	8.07E-05	3.58E-06	0.002067	2.5E-08	0.002151
4379	498363.09	3857377.25	0.04808	0.05257	0.04935	0.04523	9.04E-05	4.6E-06	0.00107	5.1E-08	0.00117	1.11E-04	5.65139E-06	0.00132	2.83E-08	1.44E-03	9.76E-05	4.35E-06	0.002513	2.92E-08	0.002615
4380	471363.09	3857877.25	0.00941	0.00833	0.0095	0.00691	1.77E-05	7.3E-07	0.00021	7.7E-09	0.00022	2.17E-05	8.95494E-07	0.000254	4.32E-09	2.77E-04	1.91E-05	6.89E-07	0.000484	4.46E-09	0.000504
4381	471863.09	3857877.25	0.00983	0.00871	0.00992	0.00708	1.85E-05	7.6E-07	0.00022	7.9E-09	0.00023	2.26E-05	9.36345E-07	0.000265	4.43E-09	2.89E-04	2E-05	7.2E-07	0.000505	4.57E-09	0.000526
4382	472363.09	3857877.25	0.01044	0.00929	0.0105	0.00745	1.96E-05	8.1E-07	0.00023	8.3E-09	0.00025	2.40E-05	9.98696E-07	0.000281	4.66E-09	3.06E-04	2.12E-05	7.68E-07	0.000535	4.81E-09	0.000557
4383	472863.09	3857877.25	0.01134	0.0102	0.01134	0.00818	2.13E-05	8.9E-07	0.00025	9.1E-09	0.00027	2.61E-05	1.09652E-06	0.000303	5.12E-09	3.31E-04	2.3E-05	8.44E-07	0.000578	5.28E-09	0.000601
4384	473363.09	3857877.25	0.0121	0.01103	0.01206	0.00862	2.27E-05	9.7E-07	0.00026	9.6E-09	0.00029	2.79E-05	1.18575E-06	0.000323	5.39E-09	3.52E-04	2.46E-05	9.12E-07	0.000614	5.57E-09	0.00064
4385	473863.09	3857877.25	0.01317	0.01218	0.01304	0.00939	2.47E-05	1.1E-06	0.00028	1E-08	0.00031	3.03E-05	1.30938E-06	0.000349	5.87E-09	3.80E-04	2.67E-05	1.01E-06	0.000664	6.07E-09	0.000692
4386	474363.09	3857877.25	0.01286	0.0122	0.0129	0.00824	2.42E-05	1.1E-06	0.00028	9.2E-09	0.00031	2.96E-05	1.31153E-06	0.000345	5.15E-09	3.76E-04	2.61E-05	1.01E-06	0.000657	5.32E-09	0.000684
4387	474863.09	3857877.25	0.01016	0.0099	0.01045	0.00593	1.91E-05	8.7E-07	0.00023	6.6E-09	0.00025	2.34E-05	1.06427E-06	0.000279	3.71E-09	3.04E-04	2.06E-05	8.19E-07	0.000532	3.83E-09	0.000554
4388	475363.09	3857877.25	0.0056	0.00556	0.00583	0.00375	1.05E-05	4.9E-07	0.00013	4.2E-09	0.00014	1.29E-05	5.97712E-07	0.000156	2.35E-09	1.69E-04	1.14E-05	4.6E-07	0.000297	2.42E-09	0.000309

4389	475863.09	3857877.25	0.00249	0.00243	0.00253	0.0022	4.68E-06	2.1E-07	5.5E-05	2.5E-09	6E-05	5.73E-06	2.6123E-07	6.77E-05	1.38E-09	7.37E-05	5.06E-06	2.01E-07	0.000129	1.42E-09	0.000134
4390	476363.09	3857877.25	0.0065	0.00643	0.00682	0.00426	1.22E-05	5.6E-07	0.00015	4.8E-09	0.00016	1.50E-05	6.91239E-07	0.000182	2.66E-09	1.98E-04	1.32E-05	5.32E-07	0.000347	2.75E-09	0.000361
4391	476863.09	3857877.25	0.00834	0.00807	0.00869	0.00512	1.57E-05	7.1E-07	0.00019	5.7E-09	0.00021	1.92E-05	8.67543E-07	0.000232	3.2E-09	2.52E-04	1.69E-05	6.67E-07	0.000443	3.31E-09	0.00046
4392	477363.09	3857877.25	0.00819	0.00779	0.0086	0.00511	1.54E-05	6.8E-07	0.00019	5.7E-09	0.0002	1.89E-05	8.37442E-07	0.00023	3.2E-09	2.50E-04	1.66E-05	6.44E-07	0.000438	3.3E-09	0.000455
4393	477863.09	3857877.25	0.0079	0.00764	0.00819	0.00504	1.48E-05	6.7E-07	0.00018	5.6E-09	0.00019	1.82E-05	8.21317E-07	0.000219	3.15E-09	2.38E-04	1.6E-05	6.32E-07	0.000417	3.26E-09	0.000434
4394	478363.09	3857877.25	0.00419	0.00418	0.00422	0.00333	7.87E-06	3.7E-07	9.2E-05	3.7E-09	1E-04	9.65E-06	4.49359E-07	0.000113	2.08E-09	1.23E-04	8.51E-06	3.46E-07	0.000215	2.15E-09	0.000224
4395	478863.09	3857877.25	0.00342	0.00338	0.00342	0.00289	6.43E-06	3E-07	7.4E-05	3.2E-09	8.1E-05	7.88E-06	3.63358E-07	9.15E-05	1.81E-09	9.97E-05	6.94E-06	2.8E-07	0.000174	1.87E-09	0.000181
4396	479363.09	3857877.25	0.02038	0.02048	0.02198	0.0102	3.83E-05	1.8E-06	0.00048	1.1E-08	0.00052	4.69E-05	2.20165E-06	0.000588	6.38E-09	6.37E-04	4.14E-05	1.69E-06	0.001119	6.59E-09	0.001163
4397	479863.09	3857877.25	0.03684	0.03375	0.0392	0.02172	6.92E-05	3E-06	0.00085	2.4E-08	0.00092	8.48E-05	3.6282E-06	0.001048	1.36E-08	1.14E-03	7.48E-05	2.79E-06	0.001996	1.4E-08	0.002074
4398	480363.09	3857877.25	0.04431	0.04047	0.04652	0.03033	8.33E-05	3.6E-06	0.00101	3.4E-08	0.0011	1.02E-04	4.35062E-06	0.001244	1.9E-08	1.35E-03	9E-05	3.35E-06	0.002369	1.96E-08	0.002463
4399	480863.09	3857877.25	0.0501	0.04602	0.05267	0.03449	9.41E-05	4E-06	0.00114	3.9E-08	0.00124	1.15E-04	4.94725E-06	0.001409	2.16E-08	1.53E-03	0.000102	3.81E-06	0.002683	2.23E-08	0.002788
4400	481363.09	3857877.25	0.05696	0.05204	0.06006	0.03982	1.07E-04	4.6E-06	0.0013	4.4E-08	0.00142	1.31E-04	5.59442E-06	0.001606	2.49E-08	1.74E-03	0.000116	4.3E-06	0.003059	2.57E-08	0.003179
4401	481863.09	3857877.25	0.06627	0.06212	0.06969	0.04895	1.25E-04	5.4E-06	0.00151	5.5E-08	0.00164	1.53E-04	6.67804E-06	0.001864	3.06E-08	2.02E-03	0.000135	5.14E-06	0.003549	3.16E-08	0.003689
4402	482363.09	3857877.25	0.07672	0.07157	0.08084	0.06716	1.44E-04	6.3E-06	0.00176	7.5E-08	0.00191	1.77E-04	7.69394E-06	0.002162	4.2E-08	2.35E-03	0.000156	5.92E-06	0.004117	4.34E-08	0.004279
4403	482863.09	3857877.25	0.08217	0.07513	0.08748	0.08611	1.54E-04	6.6E-06	0.0019	9.6E-08	0.00206	1.89E-04	8.07664E-06	0.00234	5.39E-08	2.54E-03	0.000167	6.21E-06	0.004455	5.56E-08	0.004629
4404	483363.09	3857877.25	0.09319	0.08046	0.10072	0.10312	1.75E-04	7.1E-06	0.00219	1.2E-07	0.00237	2.15E-04	8.64963E-06	0.002694	6.45E-08	2.92E-03	0.000189	6.65E-06	0.00513	6.66E-08	0.005326
4405	483863.09	3857877.25	0.10734	0.08991	0.11749	0.124	2.02E-04	7.9E-06	0.00255	1.4E-07	0.00276	2.47E-04	9.66553E-06	0.003142	7.76E-08	3.40E-03	0.000218	7.44E-06	0.005984	8.01E-08	0.006209
4406	484363.09	3857877.25	0.12358	0.0994	0.13638	0.15007	2.32E-04	8.7E-06	0.00296	1.7E-07	0.0032	2.85E-04	1.06857E-05	0.003648	9.39E-08	3.94E-03	0.000251	8.22E-06	0.006946	9.69E-08	0.007205
4407	484863.09	3857877.25	0.14393	0.12143	0.15767	0.18236	2.70E-04	1.1E-05	0.00342	2E-07	0.00371	3.31E-04	1.3054E-05	0.004217	1.14E-07	4.56E-03	0.000292	1E-05	0.00803	1.18E-07	0.008333
4408	485363.09	3857877.25	0.16982	0.16371	0.1821	0.22348	3.19E-04	1.4E-05	0.00395	2.5E-07	0.00429	3.91E-04	1.75992E-05	0.00487	1.4E-07	5.28E-03	0.000345	1.35E-05	0.009274	1.44E-07	0.009633
4409	485863.09	3857877.25	0.20616	0.23536	0.20865	0.28427	3.87E-04	2.1E-05	0.00453	3.2E-07	0.00494	4.75E-04	2.53017E-05	0.00558	1.78E-07	6.08E-03	0.000419	1.95E-05	0.010627	1.84E-07	0.011065
4410	486363.09	3857877.25	0.26286	0.35198	0.24096	0.37855	4.94E-04	3.1E-05	0.00523	4.2E-07	0.00576	6.05E-04	3.78386E-05	0.006445	2.37E-07	7.09E-03	0.000534	2.91E-05	0.012272	2.45E-07	0.012835
4411	486863.09	3857877.25	0.37589	0.57072	0.26643	0.57266	7.06E-04	5E-05	0.00579	6.4E-07	0.00654	8.66E-04	6.13537E-05	0.007126	3.58E-07	8.05E-03	0.000763	4.72E-05	0.013569	3.7E-07	0.01438
4412	487363.09	3857877.25	0.88276	0.6676	0.32707	1.15832	1.66E-03	5.9E-05	0.0071	1.3E-06	0.00882	2.03E-03	7.17685E-05	0.008748	7.24E-07	1.09E-02	0.001792	5.52E-05	0.016658	7.48E-07	0.018506
4413	487863.09	3857877.25	1.46335	0.81542	0.37087	4.92996	2.75E-03	7.2E-05	0.00805	5.5E-06	0.01088	3.37E-03	8.76595E-05	0.009919	3.08E-06	1.34E-02	0.002971	6.74E-05	0.018889	3.18E-06	0.02193
4414	488363.09	3857877.25	0.72284	0.7742	0.36265	2.08816	1.36E-03	6.8E-05	0.00788	2.3E-06	0.0093	1.66E-03	8.32282E-05	0.009699	1.31E-06	1.14E-02	0.001468	6.4E-05	0.01847	1.35E-06	0.020003
4415	488863.09	3857877.25	0.51048	0.63926	0.32476	1.10769	9.59E-04	5.6E-05	0.00705	1.2E-06	0.00807	1.18E-03	6.87219E-05	0.008686	6.93E-07	9.93E-03	0.001036	5.29E-05	0.01654	7.16E-07	0.01763
4416	489363.09	3857877.25	0.40693	0.53699	0.29253	0.72603	7.65E-04	4.7E-05	0.00635	8.1E-07	0.00717	9.37E-04	5.77276E-05	0.007824	4.54E-07	8.82E-03	0.000826	4.44E-05	0.014899	4.69E-07	0.01577
4417	489863.09	3857877.25	0.33852	0.45037	0.26217	0.53043	6.36E-04	4E-05	0.00569	5.9E-07	0.00637	7.80E-04	4.84158E-05	0.007012	3.32E-07	7.84E-03	0.000687	3.72E-05	0.013352	3.43E-07	0.014077
4418	490363.09	3857877.25	0.28833	0.37513	0.23384	0.41748	5.42E-04	3.3E-05	0.00508	4.7E-07	0.00565	6.64E-04	4.03273E-05	0.006254	2.61E-07	6.96E-03	0.000585	3.1E-05	0.01191	2.7E-07	0.012526
4419	490863.09	3857877.25	0.2492	0.31615	0.21005	0.34072	4.68E-04	2.8E-05	0.00456	3.8E-07	0.00506	5.74E-04	3.39868E-05	0.005618	2.13E-07	6.23E-03	0.000506	2.61E-05	0.010698	2.2E-07	0.01123
4420	491363.09	3857877.25	0.21558	0.26978	0.19062	0.26971	4.05E-04	2.4E-05	0.00414	3E-07	0.00457	4.96E-04	2.9002E-05	0.005098	1.69E-07	5.62E-03	0.000438	2.23E-05	0.009708	1.74E-07	0.010169
4421	491863.09	3857877.25	0.18368	0.22521	0.17199	0.20432	3.45E-04	2E-05	0.00373	2.3E-07	0.0041	4.23E-04	2.42106E-05	0.0046	1.28E-07	5.05E-03	0.000373	1.86E-05	0.00876	1.32E-07	0.009151
4422	492363.09	3857877.25	0.13324	0.15775	0.13109	0.13121	2.50E-04	1.4E-05	0.00285	1.5E-07	0.00311	3.07E-04	1.69585E-05	0.003506	8.21E-08	3.83E-03	0.000271	1.3E-05	0.006676	8.48E-08	0.00696
4423	492863.09	3857877.25	0.08932	0.10176	0.08779	0.08956	1.68E-04	8.9E-06	0.00191	1E-07	0.00208	2.06E-04	1.09394E-05	0.002348	5.6E-08	2.56E-03	0.000181	8.42E-06	0.004471	5.79E-08	0.004661
4424	493363.09	3857877.25	0.0718	0.08024	0.07086	0.07307	1.35E-04	7E-06	0.00154	8.2E-08	0.00168	1.65E-04	8.62598E-06	0.001895	4.57E-08	2.07E-03	0.000146	6.64E-06	0.003609	4.72E-08	0.003761
4425	493863.09	3857877.25	0.06254	0.06886	0.06204	0.06389	1.18E-04	6E-06	0.00135	7.1E-08	0.00147	1.44E-04	7.4026E-06	0.001659	4E-08	1.81E-03	0.000127	5.69E-06	0.00316	4.13E-08	0.003292
4426	494363.09	3857877.25	0.05597	0.06088	0.05587	0.05723	1.05E-04	5.3E-06	0.00121	6.4E-08	0.00132	1.29E-04	6.54474E-06	0.001494	3.58E-08	1.63E-03	0.000114	5.03E-06	0.002845	3.7E-08	0.002964
4427	494863.09	3857877.25	0.04701	0.05065	0.04677	0.04864	8.83E-05	4.4E-06	0.00102	5.4E-08	0.00111	1.08E-04	5.44499E-06	0.001251	3.04E-08	1.36E-03	9.54E-05	4.19E-06	0.002382	3.14E-08	0.002482
4428	495363.09	3857877.25	0.04356	0.04674	0.04349	0.04483	8.19E-05	4.1E-06	0.00094	5E-08	0.00103	1.00E-04	5.02465E-06	0.001163	2.8E-08	1.27E-03	8.84E-05	3.87E-06	0.002215	2.9E-08	0.002307
4429	495863.09	3857877.25	0.04066	0.04359	0.04073	0.04158	7.64E-05	3.8E-06	0.00088	4.6E-08	0.00096	9.36E-05	4.68602E-06	0.001089	2.6E-08	1.19E-03	8.26E-05	3.6E-06	0.002074	2.69E-08	0.002161
4430	496363.09	3857877.25	0.0404	0.04344	0.04085	0.04075	7.59E-05	3.8E-06	0.00089	4.6E-08	0.00097	9.30E-05	4.6699E-06	0.001093	2.55E-08	1.19E-03	8.2E-05	3.59E-06	0.002081	2.63E-08	0.002166
4431	496863.09	3857877.25	0.04024	0.04341	0.04062	0.03983	7.56E-05	3.8E-06	0.00088	4.5E-08	0.00096	9.27E-05	4.66667E-06	0.001086	2.49E-08	1.18E-03	8.17E-05	3.59E-06	0.002069	2.57E-08	0.002154
4432	497363.09	3857877.25	0.03937	0.04253	0.03979	0.03853	7.40E-05	3.7E-06	0.00086	4.3E-08	0.00094	9.07E-05	4.57207E-06	0.001064	2.41E-08	1.16E-03	7.99E-05	3.52E-06	0.002027	2.49E-08	0.00211
4433	497863.09	3857877.25	0.04463	0.04852	0.04532	0.04235	8.39E-05	4.3E-06	0.00098	4.7E-08	0.00107	1.03E-04	5.21601E-06	0.001212	2.65E-08	1.32E-03	9.06E-05	4.01E-06	0.002308	2.74E-08	0.002403
4434	498363.09	3857877.25	0.04963	0.05414	0.05066	0.0465	9.33E-05	4.7E-06	0.0011	5.2E-08	0.0012	1.14E-04	5.82017E-06	0.001355	2.91E-08	1.48E-03	0.000101	4.48E-06	0.00258	3E-08	0.002685
4435	471363.09	3858377.25	0.00966	0.0092	0.00969	0.00717	1.82E-05	8.1E-07	0.00021	8E-09	0.00023	2.22E-05	9.89021E-07	0.000259	4.48E-09	2.82E-04	1.96E-05	7.61E-07	0.000494	4.63E-09	0.000514
4436	471863.09	3858377.25	0.01012	0.00981	0.01015	0.00735	1.90E-05	8.6E-07	0.00022	8.2E-09	0.00024	2.33E-05	1.0546E-06	0.000271	4.6E-09	2.96E-04	2.05E-05	8.11E-07	0.000517	4.75E-09	0.000538
4437	472363.09	3858377.25	0.01065	0.01051	0.01067	0.00755	2.00E-05	9.2E-07	0.00023	8.4E-09	0.00025	2.45E-05	1.12985E-06	0.000285	4.72E-09	3.11E-04	2.16E-05	8.69E-07	0.000543	4.88E-09	0.000566
4438	472863.09	3858377.25	0.01146	0.01152	0.01141	0.00811	2.15E-05	1E-06	0.00025	9.1E-09	0.00027	2.64E-05	1.23843E-06	0.000305	5.07E-09	3.33E-04	2.33E-05	9.53E-07	0.000581	5.24E-09	0.000605
4439	473363.09	3858377.25	0.01272	0.01303	0.01253	0.00935	2.39E-05	1.1E-06	0.00027	1E-08	0.0003	2.93E-05	1.40075E-06	0.000335	5.85E-09	3.66E-04	2.58E-05	1.08E-06	0.000638	6.04E-09	0.000665
4440	473863.09	3858377.25	0.01327	0.01395	0.01313	0.00923	2.49E-05	1.2E-06	0.00029	1E-08	0.00031	3.06E-05	1.49966E-06	0.000351	5.77E-09	3.83E-04	2.69E-05	1.15E-06	0.000669	5.96E-09	0.000697
4441	474363.09	3858377.25	0.0126	0.01352	0.01272	0.00774	2.37E-05	1.2E-06	0.00028	8.6E-09	0.0003	2.90E-05	1.45343E-06	0.00034	4.84E-09	3.71E-04	2.56E-05	1.12E-06	0.000648	5E-09	0.000675
4442	474863.09	3858377.25	0.01061	0.01123	0.01103	0.00603	1.99E-05	9.9E-07	0.00024	6.7E-09	0.00026	2.44E-05	1.20725E-06	0.000295	3.77E-09	3.21E-04	2.15E-05	9.29E-07	0.000562	3.9E-09	0.000584
4443	475363.09	3858377.25	0.00705	0.00709	0.00742	0.00428	1.32E-05	6.2E-07	0.00016	4.8E-09	0.00018	1.62E-05	7.62191E-07	0.000198	2.68E-09	2.15E-04	1.43E-05	5.86E-07	0.000378	2.76E-09	0.000393
4444	475863.09	3858377.25	0.00489	0.00473	0.0051	0.00337	9.19E-06	4.1E-07	0.00011	3.8E-09	0.00012	1.13E-05	5.08486E-07	0.000136	2.11E-09	1.48E-04	9.93E-06	3.91E-07	0.00026	2.18E-09	0.00027
4445	476363.09	3858377.25	0.00541	0.00517	0.00562	0.00364	1.02E-05	4.5E-07	0.00012	4.1E-09	0.00013	1.25E-05	5.55787E-07	0.00015	2.28E-09	1.63E-04	1.1E-05	4.28E-07	0.000286	2.35E-09	0.000298
4446	476863.09	3858377.25	0.00611	0.00595	0.00618	0.00395	1.15E-05	5.2E-07	0.00013	4.4E-09	0.00015	1.41E-05	6.39638E-07	0.000165	2.47E-09	1.80E-04	1.24E-05	4.92E-07	0.000315	2.55E-09	0.000328
4447	477363.09	3858377.25	0.00578	0.00583	0.0059	0.00384	1.09E-05	5.1E-07	0.00013	4.3E-09	0.00014	1.33E-05	6.26738E-07	0.000158	2.4E-09	1.72E-04	1.17E-05	4.82E-07	0.0003	2.48E-09	0.000313
4448	477863.09	3858377.25	0.00818	0.0086	0.00851	0.00487	1.54E-05	7.5E-07	0.00018	5.4E-09	0.0002	1.88E-05	9.24519E-07	0.000228	3.05E-09	2.47E-04	1.66E-05	7.11E-07	0.000433	3.15E-09	0.000451
4449	478363.09	3858377.25	0.00894	0.00916	0.00942	0.00528	1.68E-05	8E-07	0.0002	5.9E-09	0.00022	2.06E-05	9.84721E-07	0.000252	3.3E-09	2.74E-04	1.82E-05	7.58E-07	0.00048	3.41E-09	0.000499

4450	478863.09	3858377.25	0.0058	0.00568	0.00603	0.00399	1.09E-05	5E-07	0.00013	4.5E-09	0.00014	1.34E-05	6.10613E-07	0.000161	2.5E-09	1.75E-04	1.18E-05	4.7E-07	0.000307	2.58E-09	0.000319
4451	479363.09	3858377.25	0.0212	0.02088	0.02257	0.0108	3.98E-05	1.8E-06	0.00049	1.2E-08	0.00053	4.88E-05	2.24465E-06	0.000604	6.75E-09	6.55E-04	4.3E-05	1.73E-06	0.00115	6.98E-09	0.001194
4452	479863.09	3858377.25	0.03609	0.03419	0.03785	0.02415	6.78E-05	3E-06	0.00082	2.7E-08	0.00089	8.31E-05	3.6755E-06	0.001012	1.51E-08	1.10E-03	7.33E-05	2.83E-06	0.001928	1.56E-08	0.002004
4453	480363.09	3858377.25	0.04195	0.03833	0.04365	0.03187	7.88E-05	3.4E-06	0.00095	3.6E-08	0.00103	9.66E-05	4.12056E-06	0.001167	1.99E-08	1.27E-03	8.52E-05	3.17E-06	0.002223	2.06E-08	0.002311
4454	480863.09	3858377.25	0.04667	0.04195	0.04854	0.03542	8.77E-05	3.7E-06	0.00105	4E-08	0.00115	1.07E-04	4.50972E-06	0.001298	2.22E-08	1.41E-03	9.48E-05	3.47E-06	0.002472	2.29E-08	0.00257
4455	481363.09	3858377.25	0.05253	0.04844	0.05469	0.0407	9.87E-05	4.2E-06	0.00119	4.5E-08	0.00129	1.21E-04	5.20741E-06	0.001463	2.55E-08	1.59E-03	0.000107	4.01E-06	0.002785	2.63E-08	0.002896
4456	481863.09	3858377.25	0.05922	0.05491	0.06219	0.04503	1.11E-04	4.8E-06	0.00135	5E-08	0.00147	1.36E-04	5.90295E-06	0.001663	2.82E-08	1.81E-03	0.00012	4.54E-06	0.003167	2.91E-08	0.003292
4457	482363.09	3858377.25	0.06733	0.06327	0.07144	0.0541	1.27E-04	5.6E-06	0.00155	6E-08	0.00168	1.55E-04	6.80167E-06	0.001911	3.38E-08	2.07E-03	0.000137	5.23E-06	0.003638	3.49E-08	0.00378
4458	482863.09	3858377.25	0.07555	0.06839	0.08075	0.07209	1.42E-04	6E-06	0.00175	8.1E-08	0.0019	1.74E-04	7.35208E-06	0.00216	4.51E-08	2.34E-03	0.000153	5.66E-06	0.004113	4.66E-08	0.004272
4459	483363.09	3858377.25	0.0803	0.07243	0.08568	0.08896	1.51E-04	6.4E-06	0.00186	9.9E-08	0.00202	1.85E-04	7.78639E-06	0.002292	5.56E-08	2.48E-03	0.000163	5.99E-06	0.004364	5.75E-08	0.004533
4460	483863.09	3858377.25	0.08799	0.08025	0.09412	0.10291	1.65E-04	7E-06	0.00204	1.1E-07	0.00222	2.03E-04	8.62705E-06	0.002517	6.44E-08	2.73E-03	0.000179	6.64E-06	0.004794	6.65E-08	0.004979
4461	484363.09	3858377.25	0.09916	0.09295	0.10554	0.12067	1.86E-04	8.2E-06	0.00229	1.3E-07	0.00249	2.28E-04	9.99233E-06	0.002823	7.55E-08	3.06E-03	0.000201	7.69E-06	0.005375	7.79E-08	0.005584
4462	484863.09	3858377.25	0.11149	0.11127	0.11553	0.14083	2.10E-04	9.8E-06	0.00251	1.6E-07	0.00273	2.57E-04	1.19618E-05	0.00309	8.81E-08	3.36E-03	0.000226	9.2E-06	0.005884	9.1E-08	0.00612
4463	485363.09	3858377.25	0.12598	0.12985	0.12648	0.16348	2.37E-04	1.1E-05	0.00275	1.8E-07	0.00299	2.90E-04	1.39592E-05	0.003383	1.02E-07	3.69E-03	0.000256	1.07E-05	0.006442	1.06E-07	0.006708
4464	485863.09	3858377.25	0.14498	0.14882	0.13833	0.19479	2.72E-04	1.3E-05	0.003	2.2E-07	0.00329	3.34E-04	1.59985E-05	0.0037	1.22E-07	4.05E-03	0.000294	1.23E-05	0.007045	1.26E-07	0.007352
4465	486363.09	3858377.25	0.16882	0.20006	0.14459	0.23537	3.17E-04	1.8E-05	0.00314	2.6E-07	0.00347	3.89E-04	2.15069E-05	0.003867	1.47E-07	4.28E-03	0.000343	1.65E-05	0.007364	1.52E-07	0.007724
4466	486863.09	3858377.25	0.20071	0.23355	0.14732	0.29011	3.77E-04	2E-05	0.0032	3.2E-07	0.0036	4.62E-04	2.51071E-05	0.00394	1.81E-07	4.43E-03	0.000408	1.93E-05	0.007503	1.87E-07	0.00793
4467	487363.09	3858377.25	0.25924	0.22105	0.15382	0.3696	4.87E-04	1.9E-05	0.00334	4.1E-07	0.00385	5.97E-04	2.37634E-05	0.004114	2.31E-07	4.73E-03	0.000526	1.83E-05	0.007834	2.39E-07	0.008379
4468	487863.09	3858377.25	0.44294	0.2489	0.16271	0.47014	8.32E-04	2.2E-05	0.00353	5.3E-07	0.00439	1.02E-03	2.67573E-05	0.004352	2.94E-07	5.40E-03	0.000899	2.06E-05	0.008287	3.04E-07	0.009207
4469	488363.09	3858377.25	1.13697	0.26901	0.16838	0.51478	2.14E-03	2.4E-05	0.00366	5.8E-07	0.00582	2.62E-03	2.89192E-05	0.004503	3.22E-07	7.15E-03	0.002308	2.22E-05	0.008576	3.33E-07	0.010907
4470	488863.09	3858377.25	0.52049	0.2762	0.16233	0.47946	9.78E-04	2.4E-05	0.00353	5.4E-07	0.00453	1.20E-03	2.96921E-05	0.004342	3E-07	5.57E-03	0.001057	2.28E-05	0.008268	3.1E-07	0.009348
4471	489363.09	3858377.25	0.37551	0.28352	0.17021	0.41342	7.06E-04	2.5E-05	0.0037	4.6E-07	0.00443	8.65E-04	3.0479E-05	0.004552	2.59E-07	5.45E-03	0.000762	2.34E-05	0.008669	2.67E-07	0.009455
4472	489863.09	3858377.25	0.3024	0.26649	0.16969	0.35364	5.68E-04	2.3E-05	0.00368	4E-07	0.00428	6.96E-04	2.86483E-05	0.004538	2.21E-07	5.26E-03	0.000614	2.2E-05	0.008642	2.28E-07	0.009279
4473	490363.09	3858377.25	0.25243	0.2476	0.1629	0.30282	4.74E-04	2.2E-05	0.00354	3.4E-07	0.00403	5.81E-04	2.66176E-05	0.004357	1.89E-07	4.96E-03	0.000513	2.05E-05	0.008297	1.96E-07	0.00883
4474	490863.09	3858377.25	0.21592	0.22834	0.15337	0.26019	4.06E-04	2E-05	0.00333	2.9E-07	0.00376	4.97E-04	2.45471E-05	0.004102	1.63E-07	4.62E-03	0.000438	1.89E-05	0.007811	1.68E-07	0.008269
4475	491363.09	3858377.25	0.18454	0.20901	0.14413	0.21081	3.47E-04	1.8E-05	0.00313	2.4E-07	0.0035	4.25E-04	2.2469E-05	0.003855	1.32E-07	4.30E-03	0.000375	1.73E-05	0.007341	1.36E-07	0.007733
4476	491863.09	3858377.25	0.14557	0.17259	0.12754	0.14335	2.74E-04	1.5E-05	0.00277	1.6E-07	0.00306	3.35E-04	1.85538E-05	0.003411	8.97E-08	3.77E-03	0.000296	1.43E-05	0.006496	9.26E-08	0.006806
4477	492363.09	3858377.25	0.09533	0.111	0.08722	0.09042	1.79E-04	9.7E-06	0.00189	1E-07	0.00208	2.20E-04	1.19327E-05	0.002333	5.66E-08	2.56E-03	0.000194	9.18E-06	0.004442	5.84E-08	0.004645
4478	492863.09	3858377.25	0.09826	0.11458	0.09289	0.09262	1.85E-04	1E-05	0.00202	1E-07	0.00221	2.26E-04	1.23176E-05	0.002484	5.79E-08	2.72E-03	0.0002	9.48E-06	0.004731	5.98E-08	0.00494
4479	493363.09	3858377.25	0.08161	0.09314	0.07804	0.07755	1.53E-04	8.2E-06	0.00169	8.7E-08	0.00186	1.88E-04	1.00128E-05	0.002087	4.85E-08	2.29E-03	0.000166	7.7E-06	0.003975	5.01E-08	0.004148
4480	493863.09	3858377.25	0.07263	0.0818	0.07038	0.06925	1.36E-04	7.2E-06	0.00153	7.7E-08	0.00167	1.67E-04	8.79368E-06	0.001882	4.33E-08	2.06E-03	0.000147	6.76E-06	0.003584	4.47E-08	0.003739
4481	494363.09	3858377.25	0.06328	0.07025	0.06183	0.06072	1.19E-04	6.2E-06	0.00134	6.8E-08	0.00147	1.46E-04	7.55203E-06	0.001654	3.8E-08	1.81E-03	0.000128	5.81E-06	0.003149	3.92E-08	0.003283
4482	494863.09	3858377.25	0.05589	0.06114	0.05494	0.05398	1.05E-04	5.4E-06	0.00119	6E-08	0.0013	1.29E-04	6.57269E-06	0.001469	3.38E-08	1.60E-03	0.000113	5.06E-06	0.002798	3.49E-08	0.002917
4483	495363.09	3858377.25	0.04819	0.05191	0.04754	0.04708	9.06E-05	4.6E-06	0.00103	5.3E-08	0.00113	1.11E-04	5.58044E-06	0.001271	2.94E-08	1.39E-03	9.78E-05	4.29E-06	0.002421	3.04E-08	0.002523
4484	495863.09	3858377.25	0.04628	0.04933	0.04603	0.04504	8.70E-05	4.3E-06	0.001	5E-08	0.00109	1.07E-04	5.30309E-06	0.001231	2.82E-08	1.34E-03	9.4E-05	4.08E-06	0.002344	2.91E-08	0.002442
4485	496363.09	3858377.25	0.04408	0.04661	0.04413	0.0428	8.28E-05	4.1E-06	0.00096	4.8E-08	0.00105	1.02E-04	5.01068E-06	0.00118	2.68E-08	1.29E-03	8.95E-05	3.85E-06	0.002248	2.76E-08	0.002341
4486	496863.09	3858377.25	0.04546	0.04796	0.04588	0.04352	8.54E-05	4.2E-06	0.001	4.9E-08	0.00109	1.05E-04	5.15581E-06	0.001227	2.72E-08	1.34E-03	9.23E-05	3.97E-06	0.002337	2.81E-08	0.002433
4487	497363.09	3858377.25	0.04498	0.04749	0.04578	0.04283	8.45E-05	4.2E-06	0.00099	4.8E-08	0.00108	1.04E-04	5.10528E-06	0.001224	2.68E-08	1.33E-03	9.13E-05	3.93E-06	0.002332	2.77E-08	0.002427
4488	497863.09	3858377.25	0.04887	0.05198	0.04975	0.04595	9.18E-05	4.6E-06	0.00108	5.1E-08	0.00118	1.13E-04	5.58797E-06	0.001331	2.87E-08	1.45E-03	9.92E-05	4.3E-06	0.002534	2.97E-08	0.002637
4489	498363.09	3858377.25	0.05356	0.05764	0.05436	0.05095	1.01E-04	5.1E-06	0.00118	5.7E-08	0.00129	1.23E-04	6.19643E-06	0.001454	3.19E-08	1.58E-03	0.000109	4.77E-06	0.002769	3.29E-08	0.002882
4490	471363.09	3858877.25	0.00975	0.01029	0.00964	0.00738	1.83E-05	9E-07	0.00021	8.2E-09	0.00023	2.25E-05	1.1062E-06	0.000258	4.62E-09	2.81E-04	1.98E-05	8.51E-07	0.000491	4.77E-09	0.000512
4491	471863.09	3858877.25	0.01022	0.01101	0.0101	0.00754	1.92E-05	9.7E-07	0.00022	8.4E-09	0.00024	2.35E-05	1.1836E-06	0.00027	4.72E-09	2.95E-04	2.08E-05	9.11E-07	0.000514	4.87E-09	0.000536
4492	472363.09	3858877.25	0.01103	0.01206	0.01086	0.00819	2.07E-05	1.1E-06	0.00024	9.2E-09	0.00026	2.54E-05	1.29648E-06	0.00029	5.12E-09	3.17E-04	2.24E-05	9.97E-07	0.000553	5.29E-09	0.000577
4493	472863.09	3858877.25	0.01183	0.013	0.01164	0.00877	2.22E-05	1.1E-06	0.00025	9.8E-09	0.00028	2.72E-05	1.39753E-06	0.000311	5.49E-09	3.40E-04	2.4E-05	1.08E-06	0.000593	5.67E-09	0.000618
4494	473363.09	3858877.25	0.01286	0.01397	0.01265	0.00987	2.42E-05	1.2E-06	0.00027	1.1E-08	0.0003	2.96E-05	1.50181E-06	0.000338	6.17E-09	3.69E-04	2.61E-05	1.16E-06	0.000644	6.38E-09	0.000672
4495	473863.09	3858877.25	0.01344	0.01446	0.01333	0.00991	2.53E-05	1.3E-06	0.00029	1.1E-08	0.00032	3.09E-05	1.55448E-06	0.000357	6.2E-09	3.89E-04	2.73E-05	1.2E-06	0.000679	6.4E-09	0.000707
4496	474363.09	3858877.25	0.01312	0.01393	0.01327	0.00863	2.47E-05	1.2E-06	0.00029	9.6E-09	0.00031	3.02E-05	1.49751E-06	0.000355	5.4E-09	3.87E-04	2.66E-05	1.15E-06	0.000676	5.57E-09	0.000704
4497	474863.09	3858877.25	0.00676	0.00668	0.0071	0.00408	1.27E-05	5.9E-07	0.00015	4.6E-09	0.00017	1.56E-05	7.18115E-07	0.00019	2.55E-09	2.06E-04	1.37E-05	5.52E-07	0.000362	2.64E-09	0.000376
4498	475363.09	3858877.25	0.00484	0.00461	0.00504	0.00321	9.10E-06	4E-07	0.00011	3.6E-09	0.00012	1.11E-05	4.95585E-07	0.000135	2.01E-09	1.46E-04	9.83E-06	3.81E-07	0.000257	2.07E-09	0.000267
4499	475863.09	3858877.25	0.00571	0.00558	0.00587	0.00361	1.07E-05	4.9E-07	0.00013	4E-09	0.00014	1.31E-05	5.99863E-07	0.000157	2.26E-09	1.71E-04	1.16E-05	4.61E-07	0.000299	2.33E-09	0.000311
4500	476363.09	3858877.25	0.00343	0.00333	0.00347	0.00254	6.45E-06	2.9E-07	7.5E-05	2.8E-09	8.2E-05	7.90E-06	3.57982E-07	9.28E-05	1.59E-09	1.01E-04	6.96E-06	2.75E-07	0.000177	1.64E-09	0.000184
4501	476863.09	3858877.25	0.0045	0.00447	0.00455	0.00304	8.46E-06	3.9E-07	9.9E-05	3.4E-09	0.00011	1.04E-05	4.80535E-07	0.000122	1.9E-09	1.33E-04	9.14E-06	3.7E-07	0.000232	1.96E-09	0.000241
4502	477363.09	3858877.25	0.00467	0.00456	0.00483	0.00319	8.78E-06	4E-07	0.0001	3.6E-09	0.00011	1.08E-05	4.9021E-07	0.000129	2E-09	1.40E-04	9.48E-06	3.77E-07	0.000246	2.06E-09	0.000256
4503	477863.09	3858877.25	0.00605	0.00589	0.00637	0.00387	1.14E-05	5.2E-07	0.00014	4.3E-09	0.00015	1.39E-05	6.33188E-07	0.00017	2.42E-09	1.85E-04	1.23E-05	4.87E-07	0.000324	2.5E-09	0.000337
4504	478363.09	3858877.25	0.01383	0.01308	0.01483	0.00739	2.60E-05	1.1E-06	0.00032	8.3E-09	0.00035	3.18E-05	1.40613E-06	0.000397	4.62E-09	4.30E-04	2.81E-05	1.08E-06	0.000755	4.77E-09	0.000784
4505	478863.09	3858877.25	0.01165	0.01132	0.01238	0.00641	2.19E-05	9.9E-07	0.00027	7.2E-09	0.00029	2.68E-05	1.21693E-06	0.000331	4.01E-09	3.59E-04	2.37E-05	9.36E-07	0.000631	4.14E-09	0.000655
4506	479363.09	3858877.25	0.00923	0.00887	0.0099	0.0054	1.73E-05	7.8E-07	0.00021	6E-09	0.00023	2.13E-05	9.53545E-07	0.000265	3.38E-09	2.87E-04	1.87E-05	7.34E-07	0.000504	3.49E-09	0.000524
4507	479863.09	3858877.25	0.03455	0.03054	0.03621	0.02616	6.49E-05	2.7E-06	0.00079	2.9E-08	0.00085	7.96E-05	3.28312E-06	0.000968	1.64E-08	1.05E-03	7.01E-05	2.53E-06	0.001844	1.69E-08	0.001917
4508	480363.09	3858877.25	0.03882	0.03408	0.04028	0.03167	7.30E-05	3E-06	0.00087	3.5E-08	0.00095	8.94E-05	3.66368E-06	0.001077	1.98E-08	1.17E-03	7.88E-05	2.82E-06	0.002051	2.05E-08	0.002133
4509	480863.09	3858877.25	0.04301	0.03962	0.04454	0.03612	8.08E-05	3.5E-06	0.00097	4E-08	0.00105	9.90E-05	4.25924E-06	0.001191	2.26E-08	1.29E-03	8.73E-05	3.28E-06	0.002268	2.33E-08	0.002359
4510	481363.09	3858877.25	0.04756	0.04534	0.04955	0.04002	8.94E-05	4E-06	0.00108	4.5E-08	0.00117	1.10E-04	4.87415E-06	0.001325	2.5E-08	1.44E-03	9.66E-05	3.75E-06	0.002524	2.59E-08	0.002624

4511	481863.09	3858877.25	0.05296	0.05197	0.05524	0.04541	9.95E-05	4.6E-06	0.0012	5.1E-08	0.0013	1.22E-04	5.58689E-06	0.001477	2.84E-08	1.61E-03	0.000108	4.3E-06	0.002813	2.93E-08	0.002925
4512	482363.09	3858877.25	0.05865	0.05897	0.06194	0.04996	1.10E-04	5.2E-06	0.00135	5.6E-08	0.00146	1.35E-04	6.33941E-06	0.001657	3.12E-08	1.80E-03	0.000119	4.88E-06	0.003155	3.23E-08	0.003279
4513	482863.09	3858877.25	0.06515	0.06414	0.06901	0.05846	1.22E-04	5.6E-06	0.0015	6.5E-08	0.00163	1.50E-04	6.89519E-06	0.001846	3.66E-08	2.00E-03	0.000132	5.3E-06	0.003515	3.78E-08	0.003652
4514	483363.09	3858877.25	0.06783	0.0676	0.07067	0.07594	1.27E-04	5.9E-06	0.00153	8.5E-08	0.00167	1.56E-04	7.26715E-06	0.00189	4.75E-08	2.05E-03	0.000138	5.59E-06	0.003599	4.91E-08	0.003743
4515	483863.09	3858877.25	0.07306	0.07312	0.0754	0.08568	1.37E-04	6.4E-06	0.00164	9.6E-08	0.00178	1.68E-04	7.86056E-06	0.002017	5.36E-08	2.19E-03	0.000148	6.05E-06	0.00384	5.53E-08	0.003995
4516	484363.09	3858877.25	0.08057	0.07731	0.08222	0.09743	1.51E-04	6.8E-06	0.00179	1.1E-07	0.00194	1.86E-04	8.311E-06	0.002199	6.09E-08	2.39E-03	0.000164	6.39E-06	0.004188	6.29E-08	0.004358
4517	484863.09	3858877.25	0.08849	0.08011	0.08857	0.11016	1.66E-04	7E-06	0.00192	1.2E-07	0.0021	2.04E-04	8.612E-06	0.002369	6.89E-08	2.58E-03	0.00018	6.62E-06	0.004511	7.12E-08	0.004697
4518	485363.09	3858877.25	0.09699	0.09226	0.09409	0.12297	1.82E-04	8.1E-06	0.00204	1.4E-07	0.00223	2.23E-04	9.91816E-06	0.002517	7.69E-08	2.75E-03	0.000197	7.63E-06	0.004792	7.94E-08	0.004997
4519	485863.09	3858877.25	0.10686	0.11159	0.09867	0.13867	2.01E-04	9.8E-06	0.00214	1.5E-07	0.00235	2.46E-04	1.19962E-05	0.002639	8.67E-08	2.90E-03	0.000217	9.23E-06	0.005025	8.96E-08	0.005252
4520	486363.09	3858877.25	0.11701	0.12987	0.09923	0.15368	2.20E-04	1.1E-05	0.00215	1.7E-07	0.00239	2.69E-04	1.39613E-05	0.002654	9.61E-08	2.94E-03	0.000238	1.07E-05	0.005054	9.93E-08	0.005302
4521	486863.09	3858877.25	0.13065	0.13357	0.09925	0.16946	2.46E-04	1.2E-05	0.00216	1.9E-07	0.00241	3.01E-04	1.43591E-05	0.002655	1.06E-07	2.97E-03	0.000265	1.1E-05	0.005055	1.09E-07	0.005331
4522	487363.09	3858877.25	0.15243	0.12673	0.1026	0.18959	2.86E-04	1.1E-05	0.00223	2.1E-07	0.00253	3.51E-04	1.36238E-05	0.002744	1.19E-07	3.11E-03	0.000309	1.05E-05	0.005225	1.22E-07	0.005546
4523	487863.09	3858877.25	0.18274	0.13247	0.10371	0.19116	3.43E-04	1.2E-05	0.00225	2.1E-07	0.00261	4.21E-04	1.42408E-05	0.002774	1.2E-07	3.21E-03	0.000371	1.1E-05	0.005282	1.23E-07	0.005664
4524	488363.09	3858877.25	0.26639	0.14668	0.10813	0.20142	5.01E-04	1.3E-05	0.00235	2.3E-07	0.00286	6.13E-04	1.57684E-05	0.002892	1.26E-07	3.52E-03	0.000541	1.21E-05	0.005507	1.3E-07	0.00606
4525	488863.09	3858877.25	0.98155	0.15412	0.11157	0.20975	1.84E-03	1.4E-05	0.00242	2.3E-07	0.00428	2.26E-03	1.65682E-05	0.002984	1.31E-07	5.26E-03	0.001993	1.27E-05	0.005682	1.35E-07	0.007688
4526	489363.09	3858877.25	0.33291	0.15002	0.10572	0.19815	6.26E-04	1.3E-05	0.0023	2.2E-07	0.00293	7.67E-04	1.61275E-05	0.002828	1.24E-07	3.61E-03	0.000676	1.24E-05	0.005384	1.28E-07	0.006073
4527	489863.09	3858877.25	0.23048	0.15827	0.10634	0.20064	4.33E-04	1.4E-05	0.00231	2.2E-07	0.00276	5.31E-04	1.70144E-05	0.002844	1.25E-07	3.39E-03	0.000468	1.31E-05	0.005416	1.3E-07	0.005897
4528	490363.09	3858877.25	0.18931	0.16224	0.11211	0.19084	3.56E-04	1.4E-05	0.00243	2.1E-07	0.0028	4.36E-04	1.74412E-05	0.002998	1.19E-07	3.45E-03	0.000384	1.34E-05	0.00571	1.23E-07	0.006108
4529	490863.09	3858877.25	0.16046	0.15748	0.11346	0.16466	3.02E-04	1.4E-05	0.00246	1.8E-07	0.00278	3.70E-04	1.69295E-05	0.003035	1.03E-07	3.42E-03	0.000326	1.3E-05	0.005779	1.06E-07	0.006118
4530	491363.09	3858877.25	0.13156	0.13938	0.10755	0.12169	2.47E-04	1.2E-05	0.00234	1.4E-07	0.0026	3.03E-04	1.49837E-05	0.002876	7.61E-08	3.19E-03	0.000267	1.15E-05	0.005478	7.86E-08	0.005756
4531	491863.09	3858877.25	0.09813	0.10669	0.08593	0.08478	1.84E-04	9.4E-06	0.00187	9.5E-08	0.00206	2.26E-04	1.14694E-05	0.002298	5.3E-08	2.54E-03	0.000199	8.82E-06	0.004376	5.48E-08	0.004585
4532	492363.09	3858877.25	0.10374	0.11499	0.09139	0.09522	1.95E-04	1E-05	0.00198	1.1E-07	0.00219	2.39E-04	1.23617E-05	0.002444	5.96E-08	2.70E-03	0.000211	9.51E-06	0.004655	6.15E-08	0.004875
4533	492863.09	3858877.25	0.10559	0.11713	0.09231	0.10609	1.98E-04	1E-05	0.002	1.2E-07	0.00221	2.43E-04	1.25917E-05	0.002469	6.64E-08	2.72E-03	0.000214	9.69E-06	0.004701	6.85E-08	0.004926
4534	493363.09	3858877.25	0.09474	0.1071	0.08578	0.09282	1.78E-04	9.4E-06	0.00186	1E-07	0.00205	2.18E-04	1.15135E-05	0.002294	5.81E-08	2.52E-03	0.000192	8.86E-06	0.004369	6E-08	0.00457
4535	493863.09	3858877.25	0.07865	0.08977	0.0736	0.07342	1.48E-04	7.9E-06	0.0016	8.2E-08	0.00175	1.81E-04	9.65048E-06	0.001968	4.59E-08	2.16E-03	0.00016	7.42E-06	0.003748	4.74E-08	0.003916
4536	494363.09	3858877.25	0.07148	0.08161	0.06825	0.06675	1.34E-04	7.2E-06	0.00148	7.5E-08	0.00162	1.65E-04	8.77326E-06	0.001825	4.17E-08	2.00E-03	0.000145	6.75E-06	0.003476	4.31E-08	0.003628
4537	494863.09	3858877.25	0.06339	0.0717	0.06131	0.05918	1.19E-04	6.3E-06	0.00133	6.6E-08	0.00146	1.46E-04	7.70791E-06	0.00164	3.7E-08	1.79E-03	0.000129	5.93E-06	0.003123	3.82E-08	0.003257
4538	495363.09	3858877.25	0.05625	0.06311	0.055	0.05262	1.06E-04	5.5E-06	0.00119	5.9E-08	0.00131	1.30E-04	6.78447E-06	0.001471	3.29E-08	1.61E-03	0.000114	5.22E-06	0.002801	3.4E-08	0.002921
4539	495863.09	3858877.25	0.05253	0.05856	0.05176	0.04913	9.87E-05	5.1E-06	0.00112	5.5E-08	0.00123	1.21E-04	6.29533E-06	0.001384	3.07E-08	1.51E-03	0.000107	4.84E-06	0.002636	3.17E-08	0.002748
4540	496363.09	3858877.25	0.051	0.05653	0.05061	0.04767	9.58E-05	5E-06	0.0011	5.3E-08	0.0012	1.17E-04	6.0771E-06	0.001354	2.98E-08	1.48E-03	0.000104	4.67E-06	0.002578	3.08E-08	0.002686
4541	496863.09	3858877.25	0.04959	0.05456	0.04954	0.0464	9.32E-05	4.8E-06	0.00108	5.2E-08	0.00117	1.14E-04	5.86532E-06	0.001325	2.9E-08	1.45E-03	0.000101	4.51E-06	0.002523	3E-08	0.002628
4542	497363.09	3858877.25	0.04805	0.05236	0.0483	0.04506	9.03E-05	4.6E-06	0.00105	5E-08	0.00114	1.11E-04	5.62882E-06	0.001292	2.82E-08	1.41E-03	9.76E-05	4.33E-06	0.00246	2.91E-08	0.002562
4543	497863.09	3858877.25	0.05195	0.05637	0.05234	0.04979	9.76E-05	4.9E-06	0.00114	5.6E-08	0.00124	1.20E-04	6.0599E-06	0.0014	3.11E-08	1.53E-03	0.000105	4.66E-06	0.002666	3.22E-08	0.002776
4544	498363.09	3858877.25	0.0544	0.05874	0.05451	0.05464	1.02E-04	5.2E-06	0.00118	6.1E-08	0.00129	1.25E-04	6.31468E-06	0.001458	3.42E-08	1.59E-03	0.00011	4.86E-06	0.002776	3.53E-08	0.002892
4545	471363.09	3859377.25	0.00987	0.01084	0.00965	0.00756	1.85E-05	9.5E-07	0.00021	8.4E-09	0.00023	2.27E-05	1.16532E-06	0.000258	4.73E-09	2.82E-04	2E-05	8.96E-07	0.000491	4.88E-09	0.000512
4546	471863.09	3859377.25	0.01046	0.01135	0.01025	0.00795	1.97E-05	1E-06	0.00022	8.9E-09	0.00024	2.41E-05	1.22015E-06	0.000274	4.97E-09	2.99E-04	2.12E-05	9.39E-07	0.000522	5.14E-09	0.000544
4547	472363.09	3859377.25	0.01123	0.01191	0.01102	0.00872	2.11E-05	1E-06	0.00024	9.7E-09	0.00026	2.59E-05	1.28035E-06	0.000295	5.45E-09	3.22E-04	2.28E-05	9.85E-07	0.000561	5.63E-09	0.000585
4548	472863.09	3859377.25	0.01197	0.01238	0.01177	0.00941	2.25E-05	1.1E-06	0.00026	1.1E-08	0.00028	2.76E-05	1.33088E-06	0.000315	5.89E-09	3.44E-04	2.43E-05	1.02E-06	0.000599	6.08E-09	0.000625
4549	473363.09	3859377.25	0.01282	0.01294	0.01262	0.01029	2.41E-05	1.1E-06	0.00027	1.1E-08	0.0003	2.95E-05	1.39108E-06	0.000338	6.44E-09	3.68E-04	2.6E-05	1.07E-06	0.000643	6.65E-09	0.00067
4550	473863.09	3859377.25	0.01355	0.01346	0.01339	0.01068	2.55E-05	1.2E-06	0.00029	1.2E-08	0.00032	3.12E-05	1.44698E-06	0.000358	6.68E-09	3.91E-04	2.75E-05	1.11E-06	0.000682	6.9E-09	0.000711
4551	474363.09	3859377.25	0.01318	0.013	0.01324	0.00892	2.48E-05	1.1E-06	0.00029	1E-08	0.00031	3.04E-05	1.39753E-06	0.000354	5.58E-09	3.86E-04	2.68E-05	1.08E-06	0.000674	5.76E-09	0.000702
4552	474863.09	3859377.25	0.01062	0.01059	0.01081	0.00609	2.00E-05	9.3E-07	0.00023	6.8E-09	0.00026	2.45E-05	1.13845E-06	0.000289	3.81E-09	3.15E-04	2.16E-05	8.76E-07	0.000551	3.93E-09	0.000573
4553	475363.09	3859377.25	0.00704	0.00719	0.00724	0.00402	1.32E-05	6.3E-07	0.00016	4.5E-09	0.00017	1.62E-05	7.72941E-07	0.000194	2.51E-09	2.11E-04	1.43E-05	5.95E-07	0.000369	2.6E-09	0.000384
4554	475863.09	3859377.25	0.00435	0.00433	0.00449	0.00285	8.17E-06	3.8E-07	9.8E-05	3.2E-09	0.00011	1.00E-05	4.65485E-07	0.00012	1.78E-09	1.31E-04	8.83E-06	3.58E-07	0.000229	1.84E-09	0.000238
4555	476363.09	3859377.25	0.00385	0.0037	0.00398	0.00263	7.23E-06	3.2E-07	8.6E-05	2.9E-09	9.4E-05	8.87E-06	3.97758E-07	0.000106	1.64E-09	1.16E-04	7.82E-06	3.06E-07	0.000203	1.7E-09	0.000211
4556	476863.09	3859377.25	0.00308	0.00294	0.00318	0.0023	5.79E-06	2.6E-07	6.9E-05	2.6E-09	7.5E-05	7.09E-06	3.16057E-07	8.51E-05	1.44E-09	9.25E-05	6.25E-06	2.43E-07	0.000162	1.49E-09	0.000168
4557	477363.09	3859377.25	0.00342	0.00323	0.00356	0.00248	6.43E-06	2.8E-07	7.7E-05	2.8E-09	8.4E-05	7.88E-06	3.47232E-07	9.52E-05	1.55E-09	1.03E-04	6.94E-06	2.67E-07	0.000181	1.6E-09	0.000189
4558	477863.09	3859377.25	0.00696	0.00656	0.0074	0.00419	1.31E-05	5.8E-07	0.00016	4.7E-09	0.00017	1.60E-05	7.05215E-07	0.000198	2.62E-09	2.15E-04	1.41E-05	5.43E-07	0.000377	2.71E-09	0.000392
4559	478363.09	3859377.25	0.012	0.0117	0.01291	0.00644	2.26E-05	1E-06	0.00028	7.2E-09	0.0003	2.76E-05	1.25778E-06	0.000345	4.03E-09	3.74E-04	2.44E-05	9.68E-07	0.000658	4.16E-09	0.000683
4560	478863.09	3859377.25	0.01958	0.01848	0.02122	0.01056	3.68E-05	1.6E-06	0.00046	1.2E-08	0.0005	4.51E-05	1.98664E-06	0.000568	6.6E-09	6.15E-04	3.98E-05	1.53E-06	0.001081	6.82E-09	0.001122
4561	479363.09	3859377.25	0.02613	0.02385	0.02804	0.0162	4.91E-05	2.1E-06	0.00061	1.8E-08	0.00066	6.02E-05	2.56393E-06	0.00075	1.01E-08	8.13E-04	5.31E-05	1.97E-06	0.001428	1.05E-08	0.001483
4562	479863.09	3859377.25	0.0312	0.02851	0.03283	0.02251	5.86E-05	2.5E-06	0.00071	2.5E-08	0.00077	7.18E-05	3.06489E-06	0.000878	1.41E-08	9.53E-04	6.33E-05	2.36E-06	0.001672	1.45E-08	0.001738
4563	480363.09	3859377.25	0.03553	0.03435	0.03659	0.02917	6.68E-05	3E-06	0.00079	3.3E-08	0.00086	8.18E-05	3.6927E-06	0.000979	1.82E-08	1.06E-03	7.21E-05	2.84E-06	0.001864	1.88E-08	0.001939
4564	480863.09	3859377.25	0.03906	0.03912	0.04011	0.03386	7.34E-05	3.4E-06	0.00087	3.8E-08	0.00095	8.99E-05	4.20549E-06	0.001073	2.12E-08	1.17E-03	7.93E-05	3.24E-06	0.002043	2.19E-08	0.002125
4565	481363.09	3859377.25	0.04294	0.04351	0.04397	0.0384	8.07E-05	3.8E-06	0.00095	4.3E-08	0.00104	9.89E-05	4.67742E-06	0.001176	2.4E-08	1.28E-03	8.72E-05	3.6E-06	0.002239	2.48E-08	0.00233
4566	481863.09	3859377.25	0.04713	0.04887	0.04838	0.04295	8.86E-05	4.3E-06	0.00105	4.8E-08	0.00114	1.09E-04	5.25363E-06	0.001294	2.69E-08	1.41E-03	9.57E-05	4.04E-06	0.002464	2.77E-08	0.002564
4567	482363.09	3859377.25	0.05138	0.05324	0.05314	0.04756	9.66E-05	4.7E-06	0.00115	5.3E-08	0.00126	1.18E-04	5.72342E-06	0.001421	2.97E-08	1.55E-03	0.000104	4.4E-06	0.002706	3.07E-08	0.002815
4568	482863.09	3859377.25	0.05599	0.05821	0.05719	0.05497	1.05E-04	5.1E-06	0.00124	6.1E-08	0.00135	1.29E-04	6.25771E-06	0.00153	3.44E-08	1.66E-03	0.000114	4.81E-06	0.002913	3.55E-08	0.003031
4569	483363.09	3859377.25	0.0599	0.06112	0.06074	0.06425	1.13E-04	5.4E-06	0.00132	7.2E-08	0.00144	1.38E-04	6.57054E-06	0.001625	4.02E-08	1.77E-03	0.000122	5.05E-06	0.003094	4.15E-08	0.00322
4570	483863.09	3859377.25	0.06136	0.05624	0.06194	0.07177	1.15E-04	4.9E-06	0.00135	8E-08	0.00147	1.41E-04	6.04593E-06	0.001657	4.49E-08	1.80E-03	0.000125	4.65E-06	0.003155	4.64E-08	0.003284
4571	484363.09	3859377.25	0.06629	0.05825	0.06639	0.07909	1.25E-04	5.1E-06	0.00144	8.8E-08	0.00157	1.53E-04	6.26201E-06	0.001776	4.95E-08	1.93E-03	0.000135	4.82E-06	0.003381	5.11E-08	0.003521

4572	484863.09	3859377.25	0.07135	0.06339	0.07028	0.08658	1.34E-04	5.6E-06	0.00153	9.7E-08	0.00167	1.64E-04	6.81457E-06	0.00188	5.42E-08	2.05E-03	0.000145	5.24E-06	0.003579	5.59E-08	0.00373
4573	485363.09	3859377.25	0.07618	0.07477	0.07254	0.09263	1.43E-04	6.6E-06	0.00158	1E-07	0.00173	1.75E-04	8.03794E-06	0.00194	5.79E-08	2.12E-03	0.000155	6.18E-06	0.003695	5.98E-08	0.003855
4574	485863.09	3859377.25	0.08118	0.08642	0.07357	0.09891	1.53E-04	7.6E-06	0.0016	1.1E-07	0.00176	1.87E-04	9.29034E-06	0.001968	6.19E-08	2.16E-03	0.000165	7.15E-06	0.003747	6.39E-08	0.003919
4575	486363.09	3859377.25	0.08696	0.08886	0.07409	0.10737	1.63E-04	7.8E-06	0.00161	1.2E-07	0.00178	2.00E-04	9.55265E-06	0.001982	6.72E-08	2.19E-03	0.000177	7.35E-06	0.003773	6.94E-08	0.003957
4576	486863.09	3859377.25	0.09191	0.08968	0.0726	0.1135	1.73E-04	7.9E-06	0.00158	1.3E-07	0.00176	2.12E-04	9.6408E-06	0.001942	7.1E-08	2.16E-03	0.000187	7.42E-06	0.003698	7.33E-08	0.003892
4577	487363.09	3859377.25	0.09822	0.08291	0.073	0.11535	1.85E-04	7.3E-06	0.00159	1.3E-07	0.00178	2.26E-04	8.91301E-06	0.001952	7.21E-08	2.19E-03	0.000199	6.86E-06	0.003718	7.45E-08	0.003924
4578	487863.09	3859377.25	0.10769	0.09027	0.07424	0.116	2.02E-04	7.9E-06	0.00161	1.3E-07	0.00182	2.48E-04	9.70423E-06	0.001986	7.26E-08	2.24E-03	0.000219	7.47E-06	0.003781	7.49E-08	0.004007
4579	488363.09	3859377.25	0.1174	0.09257	0.07661	0.11985	2.21E-04	8.1E-06	0.00166	1.3E-07	0.00189	2.70E-04	9.95148E-06	0.002049	7.5E-08	2.33E-03	0.000238	7.66E-06	0.003902	7.74E-08	0.004148
4580	488863.09	3859377.25	0.12327	0.10017	0.07946	0.12562	2.32E-04	8.8E-06	0.00173	1.4E-07	0.00197	2.84E-04	1.07685E-05	0.002125	7.86E-08	2.42E-03	0.00025	8.28E-06	0.004047	8.11E-08	0.004306
4581	489363.09	3859377.25	0.12482	0.10388	0.08156	0.12947	2.35E-04	9.1E-06	0.00177	1.4E-07	0.00201	2.87E-04	1.11673E-05	0.002181	8.1E-08	2.48E-03	0.000253	8.59E-06	0.004154	8.36E-08	0.004416
4582	489863.09	3859377.25	0.12082	0.09941	0.0773	0.12047	2.27E-04	8.7E-06	0.00168	1.3E-07	0.00191	2.78E-04	1.06868E-05	0.002067	7.53E-08	2.36E-03	0.000245	8.22E-06	0.003937	7.78E-08	0.004191
4583	490363.09	3859377.25	0.11674	0.10135	0.07554	0.11955	2.19E-04	8.9E-06	0.00164	1.3E-07	0.00187	2.69E-04	1.08954E-05	0.00202	7.48E-08	2.30E-03	0.000237	8.38E-06	0.003847	7.72E-08	0.004093
4584	490863.09	3859377.25	0.10979	0.10904	0.07912	0.11565	2.06E-04	9.6E-06	0.00172	1.3E-07	0.00193	2.53E-04	1.1722E-05	0.002116	7.23E-08	2.38E-03	0.000223	9.02E-06	0.00403	7.47E-08	0.004262
4585	491363.09	3859377.25	0.09394	0.10199	0.08049	0.08466	1.77E-04	8.9E-06	0.00175	9.5E-08	0.00193	2.16E-04	1.09642E-05	0.002153	5.29E-08	2.38E-03	0.000191	8.43E-06	0.004099	5.47E-08	0.004299
4586	491863.09	3859377.25	0.09938	0.10372	0.08234	0.1021	1.87E-04	9.1E-06	0.00179	1.1E-07	0.00198	2.29E-04	1.11501E-05	0.002202	6.39E-08	2.44E-03	0.000202	8.58E-06	0.004194	6.6E-08	0.004404
4587	492363.09	3859377.25	0.09477	0.0997	0.08002	0.09809	1.78E-04	8.7E-06	0.00174	1.1E-07	0.00192	2.18E-04	1.0718E-05	0.00214	6.13E-08	2.37E-03	0.000192	8.25E-06	0.004075	6.34E-08	0.004276
4588	492863.09	3859377.25	0.09012	0.09586	0.0766	0.09486	1.69E-04	8.4E-06	0.00166	1.1E-07	0.00184	2.08E-04	1.03052E-05	0.002049	5.93E-08	2.27E-03	0.000183	7.93E-06	0.003901	6.13E-08	0.004092
4589	493363.09	3859377.25	0.08315	0.08994	0.07304	0.08407	1.56E-04	7.9E-06	0.00159	9.4E-08	0.00175	1.91E-04	9.66875E-06	0.001954	5.26E-08	2.15E-03	0.000169	7.44E-06	0.00372	5.43E-08	0.003896
4590	493863.09	3859377.25	0.07863	0.08521	0.07004	0.08063	1.48E-04	7.5E-06	0.00152	9E-08	0.00168	1.81E-04	9.16027E-06	0.001873	5.04E-08	2.06E-03	0.00016	7.05E-06	0.003567	5.21E-08	0.003734
4591	494363.09	3859377.25	0.07323	0.07963	0.06662	0.07396	1.38E-04	7E-06	0.00145	8.3E-08	0.00159	1.69E-04	8.5604E-06	0.001782	4.63E-08	1.96E-03	0.000149	6.59E-06	0.003393	4.78E-08	0.003548
4592	494863.09	3859377.25	0.06501	0.07152	0.06084	0.06211	1.22E-04	6.3E-06	0.00132	6.9E-08	0.00145	1.50E-04	7.68856E-06	0.001627	3.88E-08	1.78E-03	0.000132	5.91E-06	0.003099	4.01E-08	0.003237
4593	495363.09	3859377.25	0.06168	0.06863	0.05821	0.05922	1.16E-04	6E-06	0.00126	6.6E-08	0.00139	1.42E-04	7.37788E-06	0.001557	3.7E-08	1.71E-03	0.000125	5.68E-06	0.002965	3.83E-08	0.003096
4594	495863.09	3859377.25	0.05719	0.06417	0.05471	0.05459	1.07E-04	5.6E-06	0.00119	6.1E-08	0.0013	1.32E-04	6.89842E-06	0.001463	3.41E-08	1.60E-03	0.000116	5.31E-06	0.002786	3.53E-08	0.002908
4595	496363.09	3859377.25	0.05575	0.06286	0.05377	0.05406	1.05E-04	5.5E-06	0.00117	6E-08	0.00128	1.28E-04	6.75759E-06	0.001438	3.38E-08	1.57E-03	0.000113	5.2E-06	0.002739	3.49E-08	0.002857
4596	496863.09	3859377.25	0.05062	0.05698	0.04952	0.04818	9.51E-05	5E-06	0.00108	5.4E-08	0.00118	1.17E-04	6.12548E-06	0.001324	3.01E-08	1.45E-03	0.000103	4.71E-06	0.002522	3.11E-08	0.00263
4597	497363.09	3859377.25	0.05121	0.05738	0.05018	0.04992	9.62E-05	5E-06	0.00109	5.6E-08	0.00119	1.18E-04	6.16848E-06	0.001342	3.12E-08	1.47E-03	0.000104	4.75E-06	0.002556	3.22E-08	0.002664
4598	497863.09	3859377.25	0.05275	0.05864	0.05126	0.05444	9.91E-05	5.1E-06	0.00111	6.1E-08	0.00122	1.21E-04	6.30393E-06	0.001371	3.4E-08	1.50E-03	0.000107	4.85E-06	0.002611	3.52E-08	0.002723
4599	498363.09	3859377.25	0.05229	0.05777	0.05042	0.05704	9.83E-05	5.1E-06	0.00109	6.4E-08	0.0012	1.20E-04	6.2104E-06	0.001349	3.57E-08	1.48E-03	0.000106	4.78E-06	0.002568	3.68E-08	0.002679
4600	471363.09	3859877.25	0.01005	0.01015	0.00986	0.00803	1.89E-05	8.9E-07	0.00021	9E-09	0.00023	2.31E-05	1.09115E-06	0.000264	5.02E-09	2.88E-04	2.04E-05	8.39E-07	0.000502	5.19E-09	0.000523
4601	471863.09	3859877.25	0.01064	0.01052	0.01046	0.00856	2.00E-05	9.2E-07	0.00023	9.6E-09	0.00025	2.45E-05	1.13092E-06	0.00028	5.35E-09	3.05E-04	2.16E-05	8.7E-07	0.000533	5.53E-09	0.000555
4602	472363.09	3859877.25	0.01122	0.0109	0.01107	0.00897	2.11E-05	9.6E-07	0.00024	1E-08	0.00026	2.58E-05	1.17177E-06	0.000296	5.61E-09	3.23E-04	2.28E-05	9.01E-07	0.000564	5.79E-09	0.000587
4603	472863.09	3859877.25	0.01199	0.01153	0.01181	0.00972	2.25E-05	1E-06	0.00026	1.1E-08	0.00028	2.76E-05	1.2395E-06	0.000316	6.08E-09	3.45E-04	2.43E-05	9.54E-07	0.000601	6.28E-09	0.000627
4604	473363.09	3859877.25	0.01281	0.01245	0.01262	0.01046	2.41E-05	1.1E-06	0.00027	1.2E-08	0.0003	2.95E-05	1.3384E-06	0.000338	6.54E-09	3.68E-04	2.6E-05	1.03E-06	0.000643	6.76E-09	0.00067
4605	473863.09	3859877.25	0.01363	0.01366	0.01347	0.01102	2.56E-05	1.2E-06	0.00029	1.2E-08	0.00032	3.14E-05	1.46848E-06	0.00036	6.89E-09	3.93E-04	2.77E-05	1.13E-06	0.000686	7.12E-09	0.000715
4606	474363.09	3859877.25	0.01378	0.0145	0.01381	0.00974	2.59E-05	1.3E-06	0.0003	1.1E-08	0.00033	3.17E-05	1.55878E-06	0.000369	6.09E-09	4.03E-04	2.8E-05	1.2E-06	0.000703	6.29E-09	0.000733
4607	474863.09	3859877.25	0.01292	0.01378	0.01336	0.00779	2.43E-05	1.2E-06	0.00029	8.7E-09	0.00032	2.98E-05	1.48138E-06	0.000357	4.87E-09	3.89E-04	2.62E-05	1.14E-06	0.00068	5.03E-09	0.000708
4608	475363.09	3859877.25	0.0086	0.00864	0.00918	0.00469	1.62E-05	7.6E-07	0.0002	5.2E-09	0.00022	1.98E-05	9.28819E-07	0.000246	2.93E-09	2.66E-04	1.75E-05	7.15E-07	0.000468	3.03E-09	0.000486
4609	475863.09	3859877.25	0.00421	0.00413	0.00443	0.00275	7.91E-06	3.6E-07	9.6E-05	3.1E-09	0.0001	9.69E-06	4.43984E-07	0.000118	1.72E-09	1.29E-04	8.55E-06	3.42E-07	0.000226	1.78E-09	0.000235
4610	476363.09	3859877.25	0.00247	0.00246	0.00254	0.00188	4.64E-06	2.2E-07	5.5E-05	2.1E-09	6E-05	5.69E-06	2.64456E-07	6.79E-05	1.18E-09	7.39E-05	5.02E-06	2.03E-07	0.000129	1.21E-09	0.000135
4611	476863.09	3859877.25	0.00292	0.0029	0.00302	0.00216	5.49E-06	2.5E-07	6.6E-05	2.4E-09	7.1E-05	6.72E-06	3.11756E-07	8.08E-05	1.35E-09	8.78E-05	5.93E-06	2.4E-07	0.000154	1.4E-09	0.00016
4612	477363.09	3859877.25	0.00319	0.00321	0.0033	0.00232	5.99E-06	2.8E-07	7.2E-05	2.6E-09	7.8E-05	7.35E-06	3.45082E-07	8.83E-05	1.45E-09	9.60E-05	6.48E-06	2.65E-07	0.000168	1.5E-09	0.000175
4613	477863.09	3859877.25	0.00623	0.00618	0.00667	0.00381	1.17E-05	5.4E-07	0.00014	4.3E-09	0.00016	1.43E-05	6.64364E-07	0.000178	2.38E-09	1.93E-04	1.26E-05	5.11E-07	0.00034	2.46E-09	0.000353
4614	478363.09	3859877.25	0.01181	0.0115	0.01285	0.00639	2.22E-05	1E-06	0.00028	7.1E-09	0.0003	2.72E-05	1.23628E-06	0.000344	4E-09	3.72E-04	2.4E-05	9.51E-07	0.000654	4.13E-09	0.000679
4615	478863.09	3859877.25	0.01883	0.01835	0.02041	0.01063	3.54E-05	1.6E-06	0.00044	1.2E-08	0.00048	4.34E-05	1.97267E-06	0.000546	6.65E-09	5.91E-04	3.82E-05	1.52E-06	0.001039	6.87E-09	0.001079
4616	479363.09	3859877.25	0.02531	0.02481	0.02668	0.01719	4.76E-05	2.2E-06	0.00058	1.9E-08	0.00063	5.83E-05	2.66713E-06	0.000714	1.08E-08	7.75E-04	5.14E-05	2.05E-06	0.001359	1.11E-08	0.001412
4617	479863.09	3859877.25	0.02943	0.02974	0.03014	0.02317	5.53E-05	2.6E-06	0.00065	2.6E-08	0.00071	6.78E-05	3.19712E-06	0.000806	1.45E-08	8.77E-04	5.98E-05	2.46E-06	0.001535	1.5E-08	0.001597
4618	480363.09	3859877.25	0.03269	0.03322	0.03314	0.02837	6.14E-05	2.9E-06	0.00072	3.2E-08	0.00078	7.53E-05	3.57122E-06	0.000886	1.77E-08	9.65E-04	6.64E-05	2.75E-06	0.001688	1.83E-08	0.001757
4619	480863.09	3859877.25	0.03546	0.0363	0.03593	0.03232	6.66E-05	3.2E-06	0.00078	3.6E-08	0.00085	8.17E-05	3.90233E-06	0.000961	2.02E-08	1.05E-03	7.2E-05	3E-06	0.00183	2.09E-08	0.001905
4620	481363.09	3859877.25	0.03845	0.04078	0.03872	0.03627	7.23E-05	3.6E-06	0.00084	4.1E-08	0.00092	8.85E-05	4.38394E-06	0.001036	2.27E-08	1.13E-03	7.81E-05	3.37E-06	0.001972	2.34E-08	0.002053
4621	481863.09	3859877.25	0.04149	0.04518	0.0418	0.03967	7.80E-05	4E-06	0.00091	4.4E-08	0.00099	9.55E-05	4.85695E-06	0.001118	2.48E-08	1.22E-03	8.42E-05	3.74E-06	0.002129	2.56E-08	0.002217
4622	482363.09	3859877.25	0.04468	0.04613	0.04501	0.04418	8.40E-05	4E-06	0.00098	4.9E-08	0.00107	1.03E-04	4.95908E-06	0.001204	2.76E-08	1.31E-03	9.07E-05	3.81E-06	0.002292	2.85E-08	0.002387
4623	482863.09	3859877.25	0.04823	0.0464	0.04846	0.04886	9.06E-05	4.1E-06	0.00105	5.5E-08	0.00115	1.11E-04	4.9881E-06	0.001296	3.06E-08	1.41E-03	9.79E-05	3.84E-06	0.002468	3.16E-08	0.00257
4624	483363.09	3859877.25	0.05173	0.04733	0.05228	0.05336	9.72E-05	4.2E-06	0.00114	6E-08	0.00124	1.19E-04	5.08808E-06	0.001398	3.34E-08	1.52E-03	0.000105	3.91E-06	0.002663	3.45E-08	0.002772
4625	483863.09	3859877.25	0.05246	0.04685	0.05243	0.05982	9.86E-05	4.1E-06	0.00114	6.7E-08	0.00124	1.21E-04	5.03648E-06	0.001402	3.74E-08	1.53E-03	0.000107	3.87E-06	0.00267	3.86E-08	0.002781
4626	484363.09	3859877.25	0.05503	0.04864	0.05478	0.06381	1.03E-04	4.3E-06	0.00119	7.1E-08	0.0013	1.27E-04	5.22891E-06	0.001465	3.99E-08	1.60E-03	0.000112	4.02E-06	0.00279	4.12E-08	0.002906
4627	484863.09	3859877.25	0.0583	0.05323	0.05675	0.0678	1.10E-04	4.7E-06	0.00123	7.6E-08	0.00135	1.34E-04	5.72234E-06	0.001518	4.24E-08	1.66E-03	0.000118	4.4E-06	0.00289	4.38E-08	0.003013
4628	485363.09	3859877.25	0.06137	0.06151	0.05755	0.07179	1.15E-04	5.4E-06	0.00125	8E-08	0.00137	1.41E-04	6.61246E-06	0.001539	4.49E-08	1.69E-03	0.000125	5.09E-06	0.002931	4.64E-08	0.003061
4629	485863.09	3859877.25	0.06421	0.06695	0.05784	0.07583	1.21E-04	5.9E-06	0.00126	8.5E-08	0.00138	1.48E-04	7.19728E-06	0.001547	4.74E-08	1.70E-03	0.00013	5.54E-06	0.002946	4.9E-08	0.003082
4630	486363.09	3859877.25	0.06664	0.0658	0.05765	0.08011	1.25E-04	5.8E-06	0.00125	9E-08	0.00138	1.53E-04	7.07365E-06	0.001542	5.01E-08	1.70E-03	0.000135	5.44E-06	0.002936	5.17E-08	0.003077
4631	486863.09	3859877.25	0.06913	0.06594	0.05707	0.08218	1.30E-04	5.8E-06	0.00124	9.2E-08	0.00138	1.59E-04	7.0887E-06	0.001526	5.14E-08	1.69E-03	0.00014	5.45E-06	0.002907	5.31E-08	0.003052
4632	487363.09	3859877.25	0.07046	0.06111	0.05641	0.08069	1.32E-04	5.4E-06	0.00123	9E-08	0.00136	1.62E-04	6.56946E-06	0.001509	5.05E-08	1.68E-03	0.000143	5.05E-06	0.002873	5.21E-08	0.003021

4633	487863.09	3859877.25	0.0748	0.06719	0.05747	0.0811	1.41E-04	5.9E-06	0.00125	9.1E-08	0.00139	1.72E-04	7.22308E-06	0.001537	5.07E-08	1.72E-03	0.000152	5.56E-06	0.002927	5.24E-08	0.003084
4634	488363.09	3859877.25	0.07553	0.06546	0.05815	0.08288	1.42E-04	5.7E-06	0.00126	9.3E-08	0.00141	1.74E-04	7.0371E-06	0.001555	5.18E-08	1.74E-03	0.000153	5.41E-06	0.002962	5.35E-08	0.00312
4635	488863.09	3859877.25	0.07749	0.07065	0.05992	0.08541	1.46E-04	6.2E-06	0.0013	9.5E-08	0.00145	1.78E-04	7.59503E-06	0.001603	5.34E-08	1.79E-03	0.000157	5.84E-06	0.003052	5.52E-08	0.003215
4636	489363.09	3859877.25	0.07977	0.074	0.06143	0.08835	1.50E-04	6.5E-06	0.00133	9.9E-08	0.00149	1.84E-04	7.95517E-06	0.001643	5.53E-08	1.83E-03	0.000162	6.12E-06	0.003129	5.71E-08	0.003297
4637	489863.09	3859877.25	0.08005	0.07593	0.06278	0.09127	1.50E-04	6.7E-06	0.00136	1E-07	0.00152	1.84E-04	8.16265E-06	0.001679	5.71E-08	1.87E-03	0.000163	6.28E-06	0.003197	5.9E-08	0.003366
4638	490363.09	3859877.25	0.07524	0.07185	0.05923	0.08577	1.41E-04	6.3E-06	0.00129	9.6E-08	0.00143	1.73E-04	7.72404E-06	0.001584	5.36E-08	1.77E-03	0.000153	5.94E-06	0.003017	5.54E-08	0.003175
4639	490863.09	3859877.25	0.0758	0.07131	0.05742	0.08256	1.42E-04	6.3E-06	0.00125	9.2E-08	0.0014	1.75E-04	7.66598E-06	0.001536	5.16E-08	1.72E-03	0.000154	5.9E-06	0.002924	5.33E-08	0.003084
4640	491363.09	3859877.25	0.07547	0.0736	0.05731	0.08546	1.42E-04	6.5E-06	0.00124	9.5E-08	0.00139	1.74E-04	7.91216E-06	0.001533	5.35E-08	1.71E-03	0.000153	6.09E-06	0.002919	5.52E-08	0.003078
4641	491863.09	3859877.25	0.07527	0.07728	0.05978	0.08779	1.41E-04	6.8E-06	0.0013	9.8E-08	0.00145	1.73E-04	8.30777E-06	0.001599	5.49E-08	1.78E-03	0.000153	6.39E-06	0.003045	5.67E-08	0.003204
4642	492363.09	3859877.25	0.07447	0.07776	0.0619	0.08726	1.40E-04	6.8E-06	0.00134	9.7E-08	0.00149	1.71E-04	8.35937E-06	0.001656	5.46E-08	1.84E-03	0.000151	6.43E-06	0.003153	5.64E-08	0.00331
4643	492863.09	3859877.25	0.07282	0.07682	0.06242	0.08334	1.37E-04	6.7E-06	0.00136	9.3E-08	0.0015	1.68E-04	8.25832E-06	0.001669	5.21E-08	1.85E-03	0.000148	6.35E-06	0.003179	5.38E-08	0.003333
4644	493363.09	3859877.25	0.07038	0.07475	0.06102	0.07937	1.32E-04	6.6E-06	0.00133	8.9E-08	0.00146	1.62E-04	8.03579E-06	0.001632	4.96E-08	1.80E-03	0.000143	6.18E-06	0.003108	5.13E-08	0.003257
4645	493863.09	3859877.25	0.0675	0.0723	0.05894	0.07497	1.27E-04	6.3E-06	0.00128	8.4E-08	0.00141	1.55E-04	7.77241E-06	0.001576	4.69E-08	1.74E-03	0.000137	5.98E-06	0.003002	4.84E-08	0.003145
4646	494363.09	3859877.25	0.06428	0.06902	0.05693	0.06925	1.21E-04	6.1E-06	0.00124	7.7E-08	0.00136	1.48E-04	7.4198E-06	0.001523	4.33E-08	1.68E-03	0.000131	5.71E-06	0.002899	4.47E-08	0.003036
4647	494863.09	3859877.25	0.06153	0.0663	0.05499	0.06635	1.16E-04	5.8E-06	0.00119	7.4E-08	0.00132	1.42E-04	7.1274E-06	0.001471	4.15E-08	1.62E-03	0.000125	5.48E-06	0.002801	4.29E-08	0.002931
4648	495363.09	3859877.25	0.05867	0.06305	0.05332	0.0624	1.10E-04	5.5E-06	0.00116	7E-08	0.00127	1.35E-04	6.77802E-06	0.001426	3.9E-08	1.57E-03	0.000119	5.21E-06	0.002716	4.03E-08	0.00284
4649	495863.09	3859877.25	0.05575	0.05996	0.05144	0.05818	1.05E-04	5.3E-06	0.00112	6.5E-08	0.00123	1.28E-04	6.44583E-06	0.001376	3.64E-08	1.51E-03	0.000113	4.96E-06	0.00262	3.76E-08	0.002738
4650	496363.09	3859877.25	0.05169	0.05585	0.04865	0.0514	9.71E-05	4.9E-06	0.00106	5.7E-08	0.00116	1.19E-04	6.004E-06	0.001301	3.21E-08	1.43E-03	0.000105	4.62E-06	0.002478	3.32E-08	0.002587
4651	496863.09	3859877.25	0.04169	0.04499	0.04024	0.0382	7.83E-05	3.9E-06	0.00087	4.3E-08	0.00096	9.60E-05	4.83653E-06	0.001076	2.39E-08	1.18E-03	8.46E-05	3.72E-06	0.002049	2.47E-08	0.002138
4652	497363.09	3859877.25	0.04687	0.05146	0.04478	0.04629	8.81E-05	4.5E-06	0.00097	5.2E-08	0.00107	1.08E-04	5.53207E-06	0.001198	2.9E-08	1.31E-03	9.52E-05	4.26E-06	0.002281	2.99E-08	0.00238
4653	497863.09	3859877.25	0.04841	0.0535	0.04542	0.05294	9.10E-05	4.7E-06	0.00099	5.9E-08	0.00108	1.11E-04	5.75137E-06	0.001215	3.31E-08	1.33E-03	9.83E-05	4.42E-06	0.002313	3.42E-08	0.002416
4654	498363.09	3859877.25	0.04668	0.05233	0.04338	0.05458	8.77E-05	4.6E-06	0.00094	6.1E-08	0.00103	1.07E-04	5.62559E-06	0.00116	3.41E-08	1.27E-03	9.48E-05	4.33E-06	0.002209	3.53E-08	0.002309
4655	471363.09	3860377.25	0.01011	0.0096	0.00996	0.00833	1.90E-05	8.4E-07	0.00022	9.3E-09	0.00024	2.33E-05	1.03202E-06	0.000266	5.21E-09	2.91E-04	2.05E-05	7.94E-07	0.000507	5.38E-09	0.000529
4656	471863.09	3860377.25	0.01067	0.01009	0.01052	0.00877	2.01E-05	8.9E-07	0.00023	9.8E-09	0.00025	2.46E-05	1.0847E-06	0.000281	5.49E-09	3.07E-04	2.17E-05	8.34E-07	0.000536	5.67E-09	0.000558
4657	472363.09	3860377.25	0.01132	0.01086	0.01118	0.00935	2.13E-05	9.5E-07	0.00024	1E-08	0.00027	2.61E-05	1.16747E-06	0.000299	5.85E-09	3.26E-04	2.3E-05	8.98E-07	0.000569	6.04E-09	0.000593
4658	472863.09	3860377.25	0.01206	0.01191	0.01195	0.01002	2.27E-05	1E-06	0.00026	1.1E-08	0.00028	2.78E-05	1.28035E-06	0.00032	6.27E-09	3.49E-04	2.45E-05	9.85E-07	0.000609	6.47E-09	0.000634
4659	473363.09	3860377.25	0.01281	0.01296	0.0128	0.01061	2.41E-05	1.1E-06	0.00028	1.2E-08	0.0003	2.95E-05	1.39323E-06	0.000342	6.64E-09	3.73E-04	2.6E-05	1.07E-06	0.000652	6.85E-09	0.000679
4660	473863.09	3860377.25	0.01354	0.01376	0.0137	0.01114	2.54E-05	1.2E-06	0.0003	1.2E-08	0.00032	3.12E-05	1.47923E-06	0.000366	6.97E-09	3.99E-04	2.75E-05	1.14E-06	0.000698	7.2E-09	0.000726
4661	474363.09	3860377.25	0.01411	0.01394	0.01459	0.0112	2.65E-05	1.2E-06	0.00032	1.3E-08	0.00034	3.25E-05	1.49858E-06	0.00039	7E-09	4.24E-04	2.86E-05	1.15E-06	0.000743	7.23E-09	0.000773
4662	474863.09	3860377.25	0.01435	0.01329	0.01517	0.01066	2.70E-05	1.2E-06	0.00033	1.2E-08	0.00036	3.30E-05	1.4287E-06	0.000406	6.67E-09	4.40E-04	2.91E-05	1.1E-06	0.000773	6.89E-09	0.000803
4663	475363.09	3860377.25	0.01354	0.01211	0.01457	0.00885	2.54E-05	1.1E-06	0.00032	9.9E-09	0.00034	3.12E-05	1.30185E-06	0.00039	5.54E-09	4.22E-04	2.75E-05	1E-06	0.000742	5.72E-09	0.000771
4664	475863.09	3860377.25	0.01188	0.01078	0.01288	0.00702	2.23E-05	9.5E-07	0.00028	7.8E-09	0.0003	2.74E-05	1.15887E-06	0.000344	4.39E-09	3.73E-04	2.41E-05	8.91E-07	0.000656	4.53E-09	0.000681
4665	476363.09	3860377.25	0.00954	0.00902	0.01028	0.00537	1.79E-05	7.9E-07	0.00022	6E-09	0.00024	2.20E-05	9.6967E-07	0.000275	3.36E-09	2.98E-04	1.94E-05	7.46E-07	0.000524	3.47E-09	0.000544
4666	476863.09	3860377.25	0.00866	0.00866	0.00931	0.00489	1.63E-05	7.6E-07	0.0002	5.5E-09	0.00022	1.99E-05	9.30969E-07	0.000249	3.06E-09	2.70E-04	1.76E-05	7.16E-07	0.000474	3.16E-09	0.000492
4667	477363.09	3860377.25	0.00504	0.00496	0.00539	0.00321	9.47E-06	4.4E-07	0.00012	3.6E-09	0.00013	1.16E-05	5.33211E-07	0.000144	2.01E-09	1.56E-04	1.02E-05	4.1E-07	0.000275	2.07E-09	0.000285
4668	477863.09	3860377.25	0.00661	0.00637	0.00713	0.00398	1.24E-05	5.6E-07	0.00015	4.4E-09	0.00017	1.52E-05	6.84789E-07	0.000191	2.49E-09	2.07E-04	1.34E-05	5.27E-07	0.000363	2.57E-09	0.000377
4669	478363.09	3860377.25	0.0129	0.01272	0.01401	0.00715	2.42E-05	1.1E-06	0.0003	8E-09	0.00033	2.97E-05	1.36743E-06	0.000375	4.47E-09	4.06E-04	2.62E-05	1.05E-06	0.000714	4.62E-09	0.000741
4670	478863.09	3860377.25	0.01851	0.01812	0.01971	0.0111	3.48E-05	1.6E-06	0.00043	1.2E-08	0.00046	4.26E-05	1.94794E-06	0.000527	6.94E-09	5.72E-04	3.76E-05	1.5E-06	0.001004	7.17E-09	0.001043
4671	479363.09	3860377.25	0.02373	0.02365	0.02447	0.01687	4.46E-05	2.1E-06	0.00053	1.9E-08	0.00058	5.46E-05	2.54243E-06	0.000654	1.06E-08	7.12E-04	4.82E-05	1.96E-06	0.001246	1.09E-08	0.001296
4672	479863.09	3860377.25	0.02733	0.02788	0.02764	0.02279	5.14E-05	2.4E-06	0.0006	2.5E-08	0.00065	6.29E-05	2.99716E-06	0.000739	1.43E-08	8.05E-04	5.55E-05	2.31E-06	0.001408	1.47E-08	0.001466
4673	480363.09	3860377.25	0.0297	0.03135	0.02978	0.02719	5.58E-05	2.8E-06	0.00065	3E-08	0.00071	6.84E-05	3.3702E-06	0.000796	1.7E-08	8.68E-04	6.03E-05	2.59E-06	0.001517	1.76E-08	0.00158
4674	480863.09	3860377.25	0.03188	0.03475	0.0316	0.03056	5.99E-05	3E-06	0.00069	3.4E-08	0.00075	7.34E-05	3.7357E-06	0.000845	1.91E-08	9.22E-04	6.47E-05	2.87E-06	0.001609	1.97E-08	0.001677
4675	481363.09	3860377.25	0.03426	0.03736	0.03385	0.03302	6.44E-05	3.3E-06	0.00074	3.7E-08	0.0008	7.89E-05	4.01628E-06	0.000905	2.07E-08	9.88E-04	6.96E-05	3.09E-06	0.001724	2.13E-08	0.001797
4676	481863.09	3860377.25	0.03669	0.03665	0.03652	0.03615	6.89E-05	3.2E-06	0.00079	4E-08	0.00087	8.45E-05	3.93996E-06	0.000977	2.26E-08	1.07E-03	7.45E-05	3.03E-06	0.00186	2.34E-08	0.001938
4677	482363.09	3860377.25	0.03921	0.03537	0.03917	0.03954	7.37E-05	3.1E-06	0.00085	4.4E-08	0.00093	9.03E-05	3.80235E-06	0.001048	2.47E-08	1.14E-03	7.96E-05	2.93E-06	0.001995	2.55E-08	0.002078
4678	482863.09	3860377.25	0.04186	0.0383	0.04177	0.04249	7.87E-05	3.4E-06	0.00091	4.7E-08	0.00099	9.64E-05	4.11734E-06	0.001117	2.66E-08	1.22E-03	8.5E-05	3.17E-06	0.002127	2.74E-08	0.002216
4679	483363.09	3860377.25	0.04412	0.04028	0.04423	0.04594	8.29E-05	3.5E-06	0.00096	5.1E-08	0.00105	1.02E-04	4.33019E-06	0.001183	2.87E-08	1.29E-03	8.96E-05	3.33E-06	0.002253	2.97E-08	0.002346
4680	483863.09	3860377.25	0.04672	0.04175	0.0468	0.04919	8.78E-05	3.7E-06	0.00102	5.5E-08	0.00111	1.08E-04	4.48822E-06	0.001252	3.08E-08	1.36E-03	9.49E-05	3.45E-06	0.002384	3.18E-08	0.002482
4681	484363.09	3860377.25	0.0469	0.04264	0.04633	0.05244	8.81E-05	3.7E-06	0.00101	5.9E-08	0.0011	1.08E-04	4.5839E-06	0.001239	3.28E-08	1.35E-03	9.52E-05	3.53E-06	0.00236	3.39E-08	0.002458
4682	484863.09	3860377.25	0.0487	0.04574	0.04706	0.05574	9.15E-05	4E-06	0.00102	6.2E-08	0.00112	1.12E-04	4.91715E-06	0.001259	3.49E-08	1.38E-03	9.89E-05	3.78E-06	0.002397	3.6E-08	0.002499
4683	485363.09	3860377.25	0.05019	0.05065	0.04679	0.05797	9.43E-05	4.4E-06	0.00102	6.5E-08	0.00111	1.16E-04	5.44499E-06	0.001251	3.63E-08	1.37E-03	0.000102	4.19E-06	0.002383	3.74E-08	0.002489
4684	485863.09	3860377.25	0.05179	0.05195	0.04708	0.06023	9.73E-05	4.6E-06	0.00102	6.7E-08	0.00112	1.19E-04	5.58474E-06	0.001259	3.77E-08	1.38E-03	0.000105	4.3E-06	0.002398	3.89E-08	0.002507
4685	486363.09	3860377.25	0.0525	0.05227	0.04642	0.06168	9.87E-05	4.6E-06	0.00101	6.9E-08	0.00111	1.21E-04	5.61914E-06	0.001242	3.86E-08	1.37E-03	0.000107	4.32E-06	0.002364	3.98E-08	0.002475
4686	486863.09	3860377.25	0.05327	0.04995	0.04554	0.06152	1.00E-04	4.4E-06	0.00099	6.9E-08	0.00109	1.23E-04	5.36974E-06	0.001218	3.85E-08	1.35E-03	0.000108	4.13E-06	0.002319	3.97E-08	0.002432
4687	487363.09	3860377.25	0.05384	0.04695	0.04504	0.06057	1.01E-04	4.1E-06	0.00098	6.8E-08	0.00108	1.24E-04	5.04723E-06	0.001205	3.79E-08	1.33E-03	0.000109	3.88E-06	0.002294	3.91E-08	0.002407
4688	487863.09	3860377.25	0.05527	0.05055	0.04551	0.06022	1.04E-04	4.4E-06	0.00099	6.7E-08	0.0011	1.27E-04	5.43424E-06	0.001217	3.77E-08	1.35E-03	0.000112	4.18E-06	0.002318	3.89E-08	0.002434
4689	488363.09	3860377.25	0.05564	0.05108	0.04587	0.06174	1.05E-04	4.5E-06	0.001	6.9E-08	0.00111	1.28E-04	5.49121E-06	0.001227	3.86E-08	1.36E-03	0.000113	4.22E-06	0.002336	3.99E-08	0.002453
4690	488863.09	3860377.25	0.0562	0.05222	0.04704	0.06285	1.06E-04	4.6E-06	0.00102	7E-08	0.00113	1.29E-04	5.61377E-06	0.001258	3.93E-08	1.39E-03	0.000114	4.32E-06	0.002396	4.06E-08	0.002514
4691	489363.09	3860377.25	0.05729	0.05475	0.04786	0.06512	1.08E-04	4.8E-06	0.00104	7.3E-08	0.00115	1.32E-04	5.88575E-06	0.00128	4.07E-08	1.42E-03	0.000116	4.53E-06	0.002438	4.21E-08	0.002558
4692	489863.09	3860377.25	0.05883	0.05696	0.04885	0.06649	1.11E-04	5E-06	0.00106	7.4E-08	0.00118	1.35E-04	6.12333E-06	0.001307	4.16E-08	1.45E-03	0.000119	4.71E-06	0.002488	4.3E-08	0.002612
4693	490363.09	3860377.25	0.0586	0.05777	0.04955	0.0687	1.10E-04	5.1E-06	0.00108	7.7E-08	0.00119	1.35E-04	6.2104E-06	0.001325	4.3E-08	1.47E-03	0.000119	4.78E-06	0.002524	4.44E-08	0.002647

4694	490863.09	3860377.25	0.05544	0.05532	0.04733	0.06547	1.04E-04	4.9E-06	0.00103	7.3E-08	0.00114	1.28E-04	5.94702E-06	0.001266	4.09E-08	1.40E-03	0.000113	4.57E-06	0.002411	4.23E-08	0.002528
4695	491363.09	3860377.25	0.05319	0.05229	0.04427	0.06138	1.00E-04	4.6E-06	0.00096	6.9E-08	0.00107	1.22E-04	5.62129E-06	0.001184	3.84E-08	1.31E-03	0.000108	4.32E-06	0.002255	3.96E-08	0.002367
4696	491863.09	3860377.25	0.05363	0.05273	0.0437	0.06186	1.01E-04	4.6E-06	0.00095	6.9E-08	0.00105	1.23E-04	5.66859E-06	0.001169	3.87E-08	1.30E-03	0.000109	4.36E-06	0.002226	4E-08	0.002339
4697	492363.09	3860377.25	0.05527	0.05634	0.04533	0.06505	1.04E-04	4.9E-06	0.00098	7.3E-08	0.00109	1.27E-04	6.05668E-06	0.001212	4.07E-08	1.35E-03	0.000112	4.66E-06	0.002309	4.2E-08	0.002426
4698	492863.09	3860377.25	0.05548	0.0582	0.04702	0.06706	1.04E-04	5.1E-06	0.00102	7.5E-08	0.00113	1.28E-04	6.25663E-06	0.001258	4.19E-08	1.39E-03	0.000113	4.81E-06	0.002395	4.33E-08	0.002512
4699	493363.09	3860377.25	0.05613	0.05963	0.04921	0.06701	1.05E-04	5.2E-06	0.00107	7.5E-08	0.00118	1.29E-04	6.41036E-06	0.001316	4.19E-08	1.45E-03	0.000114	4.93E-06	0.002506	4.33E-08	0.002625
4700	493863.09	3860377.25	0.05501	0.05828	0.0489	0.06599	1.03E-04	5.1E-06	0.00106	7.4E-08	0.00117	1.27E-04	6.26523E-06	0.001308	4.13E-08	1.44E-03	0.000112	4.82E-06	0.002491	4.26E-08	0.002607
4701	494363.09	3860377.25	0.05403	0.0576	0.04831	0.06332	1.02E-04	5.1E-06	0.00105	7.1E-08	0.00116	1.24E-04	6.19213E-06	0.001292	3.96E-08	1.42E-03	0.00011	4.76E-06	0.00246	4.09E-08	0.002575
4702	494863.09	3860377.25	0.05211	0.05575	0.04659	0.0612	9.79E-05	4.9E-06	0.00101	6.8E-08	0.00111	1.20E-04	5.99325E-06	0.001246	3.83E-08	1.37E-03	0.000106	4.61E-06	0.002373	3.95E-08	0.002483
4703	495363.09	3860377.25	0.05052	0.05443	0.04533	0.05834	9.49E-05	4.8E-06	0.00098	6.5E-08	0.00108	1.16E-04	5.85135E-06	0.001212	3.65E-08	1.33E-03	0.000103	4.5E-06	0.002309	3.77E-08	0.002416
4704	495863.09	3860377.25	0.04877	0.05266	0.04428	0.05363	9.16E-05	4.6E-06	0.00096	6E-08	0.00106	1.12E-04	5.66107E-06	0.001184	3.35E-08	1.30E-03	9.9E-05	4.35E-06	0.002255	3.46E-08	0.002359
4705	496363.09	3860377.25	0.04644	0.04991	0.04326	0.0482	8.73E-05	4.4E-06	0.00094	5.4E-08	0.00103	1.07E-04	5.36544E-06	0.001157	3.01E-08	1.27E-03	9.43E-05	4.13E-06	0.002203	3.11E-08	0.002302
4706	496863.09	3860377.25	0.04376	0.04712	0.04152	0.04357	8.22E-05	4.1E-06	0.0009	4.9E-08	0.00099	1.01E-04	5.06551E-06	0.00111	2.73E-08	1.22E-03	8.88E-05	3.9E-06	0.002115	2.81E-08	0.002207
4707	497363.09	3860377.25	0.04022	0.04335	0.03883	0.03811	7.56E-05	3.8E-06	0.00084	4.3E-08	0.00092	9.26E-05	4.66022E-06	0.001039	2.38E-08	1.14E-03	8.17E-05	3.58E-06	0.001978	2.46E-08	0.002063
4708	497863.09	3860377.25	0.04215	0.04515	0.03967	0.0441	7.92E-05	4E-06	0.00086	4.9E-08	0.00094	9.71E-05	4.85373E-06	0.001061	2.76E-08	1.16E-03	8.56E-05	3.73E-06	0.00202	2.85E-08	0.00211
4709	498363.09	3860377.25	0.0413	0.0454	0.03804	0.04741	7.76E-05	4E-06	0.00083	5.3E-08	0.00091	9.51E-05	4.8806E-06	0.001017	2.97E-08	1.12E-03	8.39E-05	3.75E-06	0.001937	3.06E-08	0.002025
4710	471363.09	3860877.25	0.01014	0.00967	0.01005	0.00861	1.91E-05	8.5E-07	0.00022	9.6E-09	0.00024	2.34E-05	1.03955E-06	0.000269	5.39E-09	2.93E-04	2.06E-05	8E-07	0.000512	5.56E-09	0.000533
4711	471863.09	3860877.25	0.01071	0.01053	0.01066	0.00907	2.01E-05	9.2E-07	0.00023	1E-08	0.00025	2.47E-05	1.132E-06	0.000285	5.67E-09	3.11E-04	2.17E-05	8.71E-07	0.000543	5.86E-09	0.000566
4712	472363.09	3860877.25	0.0113	0.01143	0.01134	0.00954	2.12E-05	1E-06	0.00025	1.1E-08	0.00027	2.60E-05	1.22875E-06	0.000303	5.97E-09	3.31E-04	2.29E-05	9.45E-07	0.000578	6.16E-09	0.000601
4713	472863.09	3860877.25	0.01195	0.01205	0.01212	0.01022	2.25E-05	1.1E-06	0.00026	1.1E-08	0.00029	2.75E-05	1.2954E-06	0.000324	6.39E-09	3.53E-04	2.43E-05	9.97E-07	0.000617	6.6E-09	0.000643
4714	473363.09	3860877.25	0.01258	0.01244	0.0129	0.01091	2.36E-05	1.1E-06	0.00028	1.2E-08	0.0003	2.90E-05	1.33733E-06	0.000345	6.82E-09	3.75E-04	2.55E-05	1.03E-06	0.000657	7.05E-09	0.000684
4715	473863.09	3860877.25	0.01318	0.01256	0.01367	0.01167	2.48E-05	1.1E-06	0.0003	1.3E-08	0.00032	3.04E-05	1.35023E-06	0.000366	7.3E-09	3.97E-04	2.68E-05	1.04E-06	0.000696	7.54E-09	0.000724
4716	474363.09	3860877.25	0.01379	0.01249	0.01441	0.01226	2.59E-05	1.1E-06	0.00031	1.4E-08	0.00034	3.18E-05	1.3427E-06	0.000385	7.67E-09	4.19E-04	2.8E-05	1.03E-06	0.000734	7.92E-09	0.000763
4717	474863.09	3860877.25	0.01445	0.01281	0.01512	0.01283	2.72E-05	1.1E-06	0.00033	1.4E-08	0.00036	3.33E-05	1.3771E-06	0.000404	8.02E-09	4.39E-04	2.93E-05	1.06E-06	0.00077	8.29E-09	0.0008
4718	475363.09	3860877.25	0.01486	0.01344	0.0156	0.01246	2.79E-05	1.2E-06	0.00034	1.4E-08	0.00037	3.42E-05	1.44483E-06	0.000417	7.79E-09	4.53E-04	3.02E-05	1.11E-06	0.000795	8.05E-09	0.000826
4719	475863.09	3860877.25	0.01488	0.01429	0.01566	0.01128	2.80E-05	1.3E-06	0.00034	1.3E-08	0.00037	3.43E-05	1.53621E-06	0.000419	7.05E-09	4.55E-04	3.02E-05	1.18E-06	0.000798	7.29E-09	0.000829
4720	476363.09	3860877.25	0.01423	0.01457	0.01508	0.00947	2.67E-05	1.3E-06	0.00033	1.1E-08	0.00036	3.28E-05	1.56631E-06	0.000403	5.92E-09	4.38E-04	2.89E-05	1.2E-06	0.000768	6.12E-09	0.000798
4721	476863.09	3860877.25	0.0141	0.01451	0.01501	0.00887	2.65E-05	1.3E-06	0.00033	9.9E-09	0.00035	3.25E-05	1.55986E-06	0.000401	5.55E-09	4.35E-04	2.86E-05	1.2E-06	0.000764	5.73E-09	0.000794
4722	477363.09	3860877.25	0.01472	0.01473	0.01569	0.00919	2.77E-05	1.3E-06	0.00034	1E-08	0.00037	3.39E-05	1.58351E-06	0.00042	5.75E-09	4.55E-04	2.99E-05	1.22E-06	0.000799	5.94E-09	0.00083
4723	477863.09	3860877.25	0.01325	0.01279	0.0143	0.00768	2.49E-05	1.1E-06	0.00031	8.6E-09	0.00034	3.05E-05	1.37495E-06	0.000382	4.8E-09	4.14E-04	2.69E-05	1.06E-06	0.000728	4.96E-09	0.000756
4724	478363.09	3860877.25	0.00805	0.00712	0.00875	0.00467	1.51E-05	6.2E-07	0.00019	5.2E-09	0.00021	1.85E-05	7.65416E-07	0.000234	2.92E-09	2.53E-04	1.63E-05	5.89E-07	0.000446	3.02E-09	0.000463
4725	478863.09	3860877.25	0.01709	0.01658	0.01807	0.01036	3.21E-05	1.5E-06	0.00039	1.2E-08	0.00043	3.94E-05	1.78239E-06	0.000483	6.48E-09	5.24E-04	3.47E-05	1.37E-06	0.00092	6.69E-09	0.000956
4726	479363.09	3860877.25	0.02212	0.02368	0.02261	0.01645	4.16E-05	2.1E-06	0.00049	1.8E-08	0.00053	5.09E-05	2.54565E-06	0.000605	1.03E-08	6.58E-04	4.49E-05	1.96E-06	0.001152	1.06E-08	0.001198
4727	479863.09	3860877.25	0.025	0.02767	0.02488	0.02162	4.70E-05	2.4E-06	0.00054	2.4E-08	0.00059	5.76E-05	2.97459E-06	0.000665	1.35E-08	7.26E-04	5.08E-05	2.29E-06	0.001267	1.4E-08	0.00132
4728	480363.09	3860877.25	0.02696	0.0293	0.02644	0.02532	5.07E-05	2.6E-06	0.00057	2.8E-08	0.00063	6.21E-05	3.14982E-06	0.000707	1.58E-08	7.72E-04	5.47E-05	2.42E-06	0.001347	1.64E-08	0.001404
4729	480863.09	3860877.25	0.02888	0.03008	0.02822	0.02765	5.43E-05	2.6E-06	0.00061	3.1E-08	0.00067	6.65E-05	3.23367E-06	0.000755	1.73E-08	8.25E-04	5.86E-05	2.49E-06	0.001437	1.79E-08	0.001498
4730	481363.09	3860877.25	0.03078	0.02972	0.03032	0.03002	5.78E-05	2.6E-06	0.00066	3.4E-08	0.00072	7.09E-05	3.19497E-06	0.000811	1.88E-08	8.85E-04	6.25E-05	2.46E-06	0.001544	1.94E-08	0.001609
4731	481863.09	3860877.25	0.03262	0.02941	0.03248	0.03243	6.13E-05	2.6E-06	0.00071	3.6E-08	0.00077	7.51E-05	3.16164E-06	0.000869	2.03E-08	9.47E-04	6.62E-05	2.43E-06	0.001654	2.09E-08	0.001723
4732	482363.09	3860877.25	0.0344	0.03093	0.03419	0.03497	6.46E-05	2.7E-06	0.00074	3.9E-08	0.00081	7.92E-05	3.32504E-06	0.000914	2.19E-08	9.97E-04	6.98E-05	2.56E-06	0.001741	2.26E-08	0.001814
4733	482863.09	3860877.25	0.03648	0.0338	0.03633	0.03651	6.86E-05	3E-06	0.00079	4.1E-08	0.00086	8.40E-05	3.63358E-06	0.000972	2.28E-08	1.06E-03	7.41E-05	2.8E-06	0.00185	2.36E-08	0.001927
4734	483363.09	3860877.25	0.03847	0.0345	0.03861	0.03901	7.23E-05	3E-06	0.00084	4.4E-08	0.00091	8.86E-05	3.70883E-06	0.001033	2.44E-08	1.12E-03	7.81E-05	2.85E-06	0.001966	2.52E-08	0.002047
4735	483863.09	3860877.25	0.0402	0.03692	0.04013	0.0421	7.55E-05	3.2E-06	0.00087	4.7E-08	0.00095	9.26E-05	3.96898E-06	0.001073	2.63E-08	1.17E-03	8.16E-05	3.05E-06	0.002044	2.72E-08	0.002129
4736	484363.09	3860877.25	0.04102	0.03866	0.04044	0.0448	7.71E-05	3.4E-06	0.00088	5E-08	0.00096	9.45E-05	4.15604E-06	0.001082	2.8E-08	1.18E-03	8.33E-05	3.2E-06	0.00206	2.89E-08	0.002146
4737	484863.09	3860877.25	0.04089	0.03904	0.03943	0.04652	7.68E-05	3.4E-06	0.00086	5.2E-08	0.00094	9.42E-05	4.19689E-06	0.001055	2.91E-08	1.15E-03	8.3E-05	3.23E-06	0.002008	3.01E-08	0.002094
4738	485363.09	3860877.25	0.04186	0.0418	0.03916	0.04807	7.87E-05	3.7E-06	0.00085	5.4E-08	0.00093	9.64E-05	4.49359E-06	0.001047	3.01E-08	1.15E-03	8.5E-05	3.46E-06	0.001994	3.11E-08	0.002083
4739	485863.09	3860877.25	0.0433	0.04217	0.03969	0.04898	8.14E-05	3.7E-06	0.00086	5.5E-08	0.00095	9.97E-05	4.53337E-06	0.001062	3.06E-08	1.17E-03	8.79E-05	3.49E-06	0.002021	3.16E-08	0.002113
4740	486363.09	3860877.25	0.04312	0.04305	0.03856	0.04902	8.10E-05	3.8E-06	0.00084	5.5E-08	0.00092	9.93E-05	4.62797E-06	0.001031	3.07E-08	1.14E-03	8.75E-05	3.56E-06	0.001964	3.17E-08	0.002055
4741	486863.09	3860877.25	0.04333	0.04035	0.03791	0.04855	8.14E-05	3.5E-06	0.00082	5.4E-08	0.00091	9.98E-05	4.33772E-06	0.001014	3.04E-08	1.12E-03	8.8E-05	3.34E-06	0.001931	3.14E-08	0.002022
4742	487363.09	3860877.25	0.04323	0.03764	0.03741	0.04783	8.12E-05	3.3E-06	0.00081	5.3E-08	0.0009	9.96E-05	4.04638E-06	0.001001	2.99E-08	1.10E-03	8.78E-05	3.11E-06	0.001905	3.09E-08	0.001996
4743	487863.09	3860877.25	0.04299	0.03919	0.03708	0.04677	8.08E-05	3.4E-06	0.00081	5.2E-08	0.00089	9.90E-05	4.21301E-06	0.000992	2.93E-08	1.09E-03	8.73E-05	3.24E-06	0.001889	3.02E-08	0.001979
4744	488363.09	3860877.25	0.04435	0.04246	0.03803	0.0485	8.33E-05	3.7E-06	0.00083	5.4E-08	0.00091	1.02E-04	4.56455E-06	0.001017	3.03E-08	1.12E-03	9E-05	3.51E-06	0.001937	3.13E-08	0.00203
4745	488863.09	3860877.25	0.04357	0.04043	0.03794	0.04896	8.19E-05	3.5E-06	0.00082	5.5E-08	0.00091	1.00E-04	4.34632E-06	0.001015	3.06E-08	1.12E-03	8.85E-05	3.34E-06	0.001932	3.16E-08	0.002024
4746	489363.09	3860877.25	0.04511	0.04352	0.03932	0.05042	8.48E-05	3.8E-06	0.00085	5.6E-08	0.00094	1.04E-04	4.6785E-06	0.001052	3.15E-08	1.16E-03	9.16E-05	3.6E-06	0.002003	3.26E-08	0.002098
4747	489863.09	3860877.25	0.04454	0.04333	0.03878	0.05108	8.37E-05	3.8E-06	0.00084	5.7E-08	0.00093	1.03E-04	4.65807E-06	0.001037	3.19E-08	1.14E-03	9.04E-05	3.58E-06	0.001975	3.3E-08	0.002069
4748	490363.09	3860877.25	0.0453	0.04464	0.03927	0.05186	8.51E-05	3.9E-06	0.00085	5.8E-08	0.00094	1.04E-04	4.7989E-06	0.00105	3.24E-08	1.16E-03	9.2E-05	3.69E-06	0.002	3.35E-08	0.002096
4749	490863.09	3860877.25	0.04563	0.04573	0.04023	0.05388	8.57E-05	4E-06	0.00087	6E-08	0.00096	1.05E-04	4.91608E-06	0.001076	3.37E-08	1.19E-03	9.26E-05	3.78E-06	0.002049	3.48E-08	0.002145
4750	491363.09	3860877.25	0.0437	0.04433	0.03892	0.05213	8.21E-05	3.9E-06	0.00085	5.8E-08	0.00093	1.01E-04	4.76557E-06	0.001041	3.26E-08	1.15E-03	8.87E-05	3.67E-06	0.001982	3.37E-08	0.002075
4751	491863.09	3860877.25	0.04183	0.04217	0.03671	0.04876	7.86E-05	3.7E-06	0.0008	5.4E-08	0.00088	9.63E-05	4.53337E-06	0.000982	3.05E-08	1.08E-03	8.49E-05	3.49E-06	0.00187	3.15E-08	0.001958
4752	492363.09	3860877.25	0.04067	0.04075	0.03511	0.04737	7.64E-05	3.6E-06	0.00076	5.3E-08	0.00084	9.37E-05	4.38072E-06	0.000939	2.96E-08	1.04E-03	8.26E-05	3.37E-06	0.001788	3.06E-08	0.001874
4753	492863.09	3860877.25	0.04145	0.04195	0.03533	0.04871	7.79E-05	3.7E-06	0.00077	5.4E-08	0.00085	9.55E-05	4.50972E-06	0.000945	3.05E-08	1.04E-03	8.42E-05	3.47E-06	0.001799	3.15E-08	0.001887
4754	493363.09	3860877.25	0.04296	0.04473	0.0369	0.05147	8.07E-05	3.9E-06	0.0008	5.8E-08	0.00089	9.89E-05	4.80858E-06	0.000987	3.22E-08	1.09E-03	8.72E-05	3.7E-06	0.001879	3.32E-08	0.00197

4755	493863.09	3860877.25	0.0433	0.04595	0.03823	0.05296	8.14E-05	4E-06	0.00083	5.9E-08	0.00092	9.97E-05	4.93973E-06	0.001022	3.31E-08	1.13E-03	8.79E-05	3.8E-06	0.001947	3.42E-08	0.002039
4756	494363.09	3860877.25	0.04337	0.04617	0.03919	0.0532	8.15E-05	4.1E-06	0.00085	5.9E-08	0.00094	9.99E-05	4.96338E-06	0.001048	3.33E-08	1.15E-03	8.81E-05	3.82E-06	0.001996	3.44E-08	0.002088
4757	494863.09	3860877.25	0.04322	0.04604	0.03946	0.0525	8.12E-05	4E-06	0.00086	5.9E-08	0.00094	9.95E-05	4.9494E-06	0.001055	3.28E-08	1.16E-03	8.78E-05	3.81E-06	0.00201	3.39E-08	0.002101
4758	495363.09	3860877.25	0.0426	0.04556	0.03897	0.05113	8.01E-05	4E-06	0.00085	5.7E-08	0.00093	9.81E-05	4.8978E-06	0.001042	3.2E-08	1.15E-03	8.65E-05	3.77E-06	0.001985	3.3E-08	0.002075
4759	495863.09	3860877.25	0.04144	0.04453	0.03789	0.04947	7.79E-05	3.9E-06	0.00082	5.5E-08	0.0009	9.54E-05	4.78707E-06	0.001013	3.09E-08	1.11E-03	8.41E-05	3.68E-06	0.00193	3.2E-08	0.002018
4760	496363.09	3860877.25	0.04073	0.04404	0.03728	0.04748	7.65E-05	3.9E-06	0.00081	5.3E-08	0.00089	9.38E-05	4.7344E-06	0.000997	2.97E-08	1.10E-03	8.27E-05	3.64E-06	0.001899	3.07E-08	0.001985
4761	496863.09	3860877.25	0.03971	0.043	0.03666	0.04384	7.46E-05	3.8E-06	0.0008	4.9E-08	0.00087	9.14E-05	4.6226E-06	0.00098	2.74E-08	1.08E-03	8.06E-05	3.56E-06	0.001867	2.83E-08	0.001951
4762	497363.09	3860877.25	0.03856	0.04179	0.0357	0.04275	7.25E-05	3.7E-06	0.00078	4.8E-08	0.00085	8.88E-05	4.49252E-06	0.000955	2.67E-08	1.05E-03	7.83E-05	3.46E-06	0.001818	2.76E-08	0.0019
4763	497863.09	3860877.25	0.03747	0.04042	0.03502	0.04091	7.04E-05	3.5E-06	0.00076	4.6E-08	0.00083	8.63E-05	4.34524E-06	0.000937	2.56E-08	1.03E-03	7.61E-05	3.34E-06	0.001784	2.64E-08	0.001863
4764	498363.09	3860877.25	0.03637	0.03975	0.03369	0.04151	6.83E-05	3.5E-06	0.00073	4.6E-08	0.0008	8.38E-05	4.27321E-06	0.000901	2.6E-08	9.89E-04	7.38E-05	3.29E-06	0.001716	2.68E-08	0.001793
4765	471363.09	3861377.25	0.01008	0.01023	0.01013	0.0087	1.89E-05	9E-07	0.00022	9.7E-09	0.00024	2.32E-05	1.09975E-06	0.000271	5.44E-09	2.95E-04	2.05E-05	8.46E-07	0.000516	5.62E-09	0.000537
4766	471863.09	3861377.25	0.0106	0.01082	0.01075	0.0092	1.99E-05	9.5E-07	0.00023	1E-08	0.00025	2.44E-05	1.16317E-06	0.000288	5.75E-09	3.13E-04	2.15E-05	8.95E-07	0.000548	5.94E-09	0.00057
4767	472363.09	3861377.25	0.01112	0.0112	0.0114	0.00984	2.09E-05	9.8E-07	0.00025	1.1E-08	0.00027	2.56E-05	1.20403E-06	0.000305	6.15E-09	3.32E-04	2.26E-05	9.26E-07	0.000581	6.36E-09	0.000604
4768	472863.09	3861377.25	0.01167	0.01143	0.01206	0.01066	2.19E-05	1E-06	0.00026	1.2E-08	0.00028	2.69E-05	1.22875E-06	0.000323	6.67E-09	3.51E-04	2.37E-05	9.45E-07	0.000614	6.89E-09	0.000639
4769	473363.09	3861377.25	0.01219	0.0115	0.01265	0.0114	2.29E-05	1E-06	0.00027	1.3E-08	0.0003	2.81E-05	1.23628E-06	0.000338	7.13E-09	3.68E-04	2.48E-05	9.51E-07	0.000644	7.36E-09	0.00067
4770	473863.09	3861377.25	0.01271	0.01169	0.0132	0.01193	2.39E-05	1E-06	0.00029	1.3E-08	0.00031	2.93E-05	1.2567E-06	0.000353	7.46E-09	3.84E-04	2.58E-05	9.67E-07	0.000672	7.71E-09	0.000699
4771	474363.09	3861377.25	0.01331	0.01222	0.01374	0.01263	2.50E-05	1.1E-06	0.0003	1.4E-08	0.00032	3.07E-05	1.31368E-06	0.000367	7.9E-09	3.99E-04	2.7E-05	1.01E-06	0.0007	8.16E-09	0.000728
4772	474863.09	3861377.25	0.01391	0.01308	0.01433	0.01291	2.61E-05	1.1E-06	0.00031	1.4E-08	0.00034	3.20E-05	1.40613E-06	0.000383	8.07E-09	4.17E-04	2.82E-05	1.08E-06	0.00073	8.34E-09	0.000759
4773	475363.09	3861377.25	0.0146	0.01403	0.01496	0.01357	2.74E-05	1.2E-06	0.00032	1.5E-08	0.00035	3.36E-05	1.50826E-06	0.0004	8.49E-09	4.35E-04	2.96E-05	1.16E-06	0.000762	8.77E-09	0.000793
4774	475863.09	3861377.25	0.01518	0.01491	0.01554	0.01362	2.85E-05	1.3E-06	0.00034	1.5E-08	0.00037	3.50E-05	1.60286E-06	0.000416	8.52E-09	4.52E-04	3.08E-05	1.23E-06	0.000791	8.8E-09	0.000824
4775	476363.09	3861377.25	0.01563	0.01537	0.01604	0.01328	2.94E-05	1.3E-06	0.00035	1.5E-08	0.00038	3.60E-05	1.65231E-06	0.000429	8.31E-09	4.67E-04	3.17E-05	1.27E-06	0.000817	8.58E-09	0.00085
4776	476863.09	3861377.25	0.01608	0.01555	0.01657	0.01308	3.02E-05	1.4E-06	0.00036	1.5E-08	0.00039	3.70E-05	1.67166E-06	0.000443	8.18E-09	4.82E-04	3.26E-05	1.29E-06	0.000844	8.45E-09	0.000878
4777	477363.09	3861377.25	0.01653	0.01572	0.01712	0.01296	3.11E-05	1.4E-06	0.00037	1.4E-08	0.0004	3.81E-05	1.68994E-06	0.000458	8.11E-09	4.98E-04	3.36E-05	1.3E-06	0.000872	8.37E-09	0.000907
4778	477863.09	3861377.25	0.01512	0.01432	0.01601	0.01001	2.84E-05	1.3E-06	0.00035	1.1E-08	0.00038	3.48E-05	1.53943E-06	0.000428	6.26E-09	4.65E-04	3.07E-05	1.18E-06	0.000815	6.47E-09	0.000847
4779	478363.09	3861377.25	0.00985	0.00937	0.01062	0.00554	1.85E-05	8.2E-07	0.00023	6.2E-09	0.00025	2.27E-05	1.0073E-06	0.000284	3.46E-09	3.08E-04	2E-05	7.75E-07	0.000541	3.58E-09	0.000562
4780	478863.09	3861377.25	0.01236	0.01349	0.01305	0.0069	2.32E-05	1.2E-06	0.00028	7.7E-09	0.00031	2.85E-05	1.45021E-06	0.000349	4.32E-09	3.79E-04	2.51E-05	1.12E-06	0.000665	4.46E-09	0.000691
4781	479363.09	3861377.25	0.01996	0.02312	0.02008	0.01466	3.75E-05	2E-06	0.00044	1.6E-08	0.00048	4.60E-05	2.48545E-06	0.000537	9.17E-09	5.86E-04	4.05E-05	1.91E-06	0.001023	9.47E-09	0.001065
4782	479863.09	3861377.25	0.02288	0.02391	0.0224	0.01995	4.30E-05	2.1E-06	0.00049	2.2E-08	0.00053	5.27E-05	2.57038E-06	0.000599	1.25E-08	6.54E-04	4.65E-05	1.98E-06	0.001141	1.29E-08	0.001189
4783	480363.09	3861377.25	0.02472	0.02433	0.02402	0.02345	4.65E-05	2.1E-06	0.00052	2.6E-08	0.00057	5.69E-05	2.61553E-06	0.000642	1.47E-08	7.02E-04	5.02E-05	2.01E-06	0.001223	1.51E-08	0.001276
4784	480863.09	3861377.25	0.02613	0.02482	0.0256	0.02534	4.91E-05	2.2E-06	0.00056	2.8E-08	0.00061	6.02E-05	2.66821E-06	0.000685	1.58E-08	7.48E-04	5.31E-05	2.05E-06	0.001304	1.64E-08	0.001359
4785	481363.09	3861377.25	0.02751	0.02552	0.02725	0.02706	5.17E-05	2.2E-06	0.00059	3E-08	0.00065	6.34E-05	2.74346E-06	0.000729	1.69E-08	7.95E-04	5.59E-05	2.11E-06	0.001388	1.75E-08	0.001446
4786	481863.09	3861377.25	0.02894	0.0261	0.02885	0.02873	5.44E-05	2.3E-06	0.00063	3.2E-08	0.00068	6.66E-05	2.80581E-06	0.000772	1.8E-08	8.41E-04	5.88E-05	2.16E-06	0.001469	1.86E-08	0.00153
4787	482363.09	3861377.25	0.03051	0.02768	0.03028	0.03043	5.73E-05	2.4E-06	0.00066	3.4E-08	0.00072	7.03E-05	2.97566E-06	0.00081	1.9E-08	8.83E-04	6.19E-05	2.29E-06	0.001542	1.97E-08	0.001606
4788	482863.09	3861377.25	0.03213	0.02923	0.03206	0.03217	6.04E-05	2.6E-06	0.0007	3.6E-08	0.00076	7.40E-05	3.14229E-06	0.000857	2.01E-08	9.35E-04	6.52E-05	2.42E-06	0.001633	2.08E-08	0.001701
4789	483363.09	3861377.25	0.03351	0.03061	0.03354	0.03454	6.30E-05	2.7E-06	0.00073	3.9E-08	0.00079	7.72E-05	3.29064E-06	0.000897	2.16E-08	9.78E-04	6.8E-05	2.53E-06	0.001708	2.23E-08	0.001779
4790	483863.09	3861377.25	0.03462	0.03287	0.0344	0.03662	6.51E-05	2.9E-06	0.00075	4.1E-08	0.00082	7.97E-05	3.5336E-06	0.00092	2.29E-08	1.00E-03	7.03E-05	2.72E-06	0.001752	2.37E-08	0.001825
4791	484363.09	3861377.25	0.03584	0.03427	0.0354	0.03839	6.74E-05	3E-06	0.00077	4.3E-08	0.00084	8.25E-05	3.6841E-06	0.000947	2.4E-08	1.03E-03	7.28E-05	2.83E-06	0.001803	2.48E-08	0.001879
4792	484863.09	3861377.25	0.03566	0.03475	0.03436	0.03996	6.70E-05	3E-06	0.00075	4.5E-08	0.00082	8.21E-05	3.7357E-06	0.000919	2.5E-08	1.00E-03	7.24E-05	2.87E-06	0.00175	2.58E-08	0.001825
4793	485363.09	3861377.25	0.0355	0.0339	0.03329	0.04014	6.67E-05	3E-06	0.00072	4.5E-08	0.00079	8.17E-05	3.64433E-06	0.00089	2.51E-08	9.76E-04	7.21E-05	2.8E-06	0.001695	2.59E-08	0.00177
4794	485863.09	3861377.25	0.03604	0.03481	0.03312	0.04019	6.77E-05	3.1E-06	0.00072	4.5E-08	0.00079	8.30E-05	3.74215E-06	0.000886	2.51E-08	9.73E-04	7.32E-05	2.88E-06	0.001687	2.6E-08	0.001763
4795	486363.09	3861377.25	0.03622	0.03589	0.03266	0.03977	6.81E-05	3.1E-06	0.00071	4.4E-08	0.00078	8.34E-05	3.85826E-06	0.000874	2.49E-08	9.61E-04	7.35E-05	2.97E-06	0.001663	2.57E-08	0.00174
4796	486863.09	3861377.25	0.03624	0.03385	0.03228	0.03978	6.81E-05	3E-06	0.0007	4.4E-08	0.00077	8.35E-05	3.63895E-06	0.000863	2.49E-08	9.50E-04	7.36E-05	2.8E-06	0.001644	2.57E-08	0.00172
4797	487363.09	3861377.25	0.03584	0.03125	0.03187	0.03904	6.74E-05	2.7E-06	0.00069	4.4E-08	0.00076	8.25E-05	3.35945E-06	0.000852	2.44E-08	9.38E-04	7.28E-05	2.58E-06	0.001623	2.52E-08	0.001699
4798	487863.09	3861377.25	0.03557	0.03183	0.03161	0.03825	6.68E-05	2.8E-06	0.00069	4.3E-08	0.00076	8.19E-05	3.4218E-06	0.000845	2.39E-08	9.31E-04	7.22E-05	2.63E-06	0.00161	2.47E-08	0.001685
4799	488363.09	3861377.25	0.0352	0.03427	0.03106	0.0384	6.61E-05	3E-06	0.00067	4.3E-08	0.00074	8.11E-05	3.6841E-06	0.000831	2.4E-08	9.15E-04	7.15E-05	2.83E-06	0.001582	2.48E-08	0.001656
4800	488863.09	3861377.25	0.0353	0.03324	0.03143	0.0396	6.63E-05	2.9E-06	0.00068	4.4E-08	0.00075	8.13E-05	3.57337E-06	0.000841	2.48E-08	9.26E-04	7.17E-05	2.75E-06	0.001601	2.56E-08	0.001675
4801	489363.09	3861377.25	0.03556	0.03376	0.0318	0.03962	6.68E-05	3E-06	0.00069	4.4E-08	0.00076	8.19E-05	3.62928E-06	0.000851	2.48E-08	9.36E-04	7.22E-05	2.79E-06	0.00162	2.56E-08	0.001695
4802	489863.09	3861377.25	0.03611	0.0353	0.03245	0.04109	6.79E-05	3.1E-06	0.0007	4.6E-08	0.00078	8.32E-05	3.79483E-06	0.000868	2.57E-08	9.55E-04	7.33E-05	2.92E-06	0.001653	2.65E-08	0.001729
4803	490363.09	3861377.25	0.03634	0.03568	0.03243	0.04148	6.83E-05	3.1E-06	0.0007	4.6E-08	0.00078	8.37E-05	3.83568E-06	0.000867	2.59E-08	9.55E-04	7.38E-05	2.95E-06	0.001652	2.68E-08	0.001728
4804	490863.09	3861377.25	0.03664	0.03646	0.03263	0.04188	6.89E-05	3.2E-06	0.00071	4.7E-08	0.00078	8.44E-05	3.91953E-06	0.000873	2.62E-08	9.61E-04	7.44E-05	3.02E-06	0.001662	2.71E-08	0.001739
4805	491363.09	3861377.25	0.03701	0.0374	0.0335	0.04363	6.95E-05	3.3E-06	0.00073	4.9E-08	0.0008	8.52E-05	4.02058E-06	0.000896	2.73E-08	9.85E-04	7.51E-05	3.09E-06	0.001706	2.82E-08	0.001784
4806	491863.09	3861377.25	0.03587	0.03666	0.03278	0.04281	6.74E-05	3.2E-06	0.00071	4.8E-08	0.00078	8.26E-05	3.94103E-06	0.000877	2.68E-08	9.63E-04	7.28E-05	3.03E-06	0.00167	2.77E-08	0.001745
4807	492363.09	3861377.25	0.03416	0.03479	0.03091	0.03993	6.42E-05	3.1E-06	0.00067	4.5E-08	0.00074	7.87E-05	3.74E-06	0.000827	2.5E-08	9.09E-04	6.94E-05	2.88E-06	0.001574	2.58E-08	0.001647
4808	492863.09	3861377.25	0.03323	0.03374	0.02973	0.03866	6.24E-05	3E-06	0.00065	4.3E-08	0.00071	7.65E-05	3.62713E-06	0.000795	2.42E-08	8.75E-04	6.75E-05	2.79E-06	0.001514	2.5E-08	0.001584
4809	493363.09	3861377.25	0.03334	0.03389	0.02947	0.03886	6.27E-05	3E-06	0.00064	4.3E-08	0.00071	7.68E-05	3.64325E-06	0.000788	2.43E-08	8.69E-04	6.77E-05	2.8E-06	0.001501	2.51E-08	0.001571
4810	493863.09	3861377.25	0.03378	0.03482	0.02962	0.03994	6.35E-05	3.1E-06	0.00064	4.5E-08	0.00071	7.78E-05	3.74323E-06	0.000792	2.5E-08	8.74E-04	6.86E-05	2.88E-06	0.001509	2.58E-08	0.00158
4811	494363.09	3861377.25	0.03431	0.03615	0.03043	0.04156	6.45E-05	3.2E-06	0.00066	4.6E-08	0.00073	7.90E-05	3.88621E-06	0.000814	2.6E-08	8.97E-04	6.97E-05	2.99E-06	0.00155	2.68E-08	0.001622
4812	494863.09	3861377.25	0.03477	0.0371	0.03155	0.04278	6.53E-05	3.3E-06	0.00069	4.8E-08	0.00075	8.01E-05	3.98833E-06	0.000844	2.68E-08	9.28E-04	7.06E-05	3.07E-06	0.001607	2.76E-08	0.001681
4813	495363.09	3861377.25	0.03485	0.03725	0.03219	0.04296	6.55E-05	3.3E-06	0.0007	4.8E-08	0.00077	8.03E-05	4.00446E-06	0.000861	2.69E-08	9.45E-04	7.08E-05	3.08E-06	0.001639	2.78E-08	0.001713
4814	495863.09	3861377.25	0.03443	0.03676	0.03201	0.04223	6.47E-05	3.2E-06	0.0007	4.7E-08	0.00076	7.93E-05	3.95178E-06	0.000856	2.64E-08	9.39E-04	6.99E-05	3.04E-06	0.00163	2.73E-08	0.001703
4815	496363.09	3861377.25	0.03435	0.0368	0.03192	0.04162	6.46E-05	3.2E-06	0.00069	4.7E-08	0.00076	7.91E-05	3.95608E-06	0.000854	2.6E-08	9.37E-04	6.97E-05	3.04E-06	0.001626	2.69E-08	0.001699

4816	496863.09	3861377.25	0.03436	0.0371	0.03191	0.04083	6.46E-05	3.3E-06	0.00069	4.6E-08	0.00076	7.91E-05	3.98833E-06	0.000853	2.55E-08	9.37E-04	6.98E-05	3.07E-06	0.001625	2.64E-08	0.001698
4817	497363.09	3861377.25	0.03359	0.03644	0.0312	0.03964	6.31E-05	3.2E-06	0.00068	4.4E-08	0.00074	7.74E-05	3.91738E-06	0.000834	2.48E-08	9.16E-04	6.82E-05	3.01E-06	0.001589	2.56E-08	0.00166
4818	497863.09	3861377.25	0.03277	0.03563	0.03046	0.03855	6.16E-05	3.1E-06	0.00066	4.3E-08	0.00073	7.55E-05	3.8303E-06	0.000815	2.41E-08	8.94E-04	6.65E-05	2.95E-06	0.001551	2.49E-08	0.001621
4819	498363.09	3861377.25	0.03202	0.0349	0.02982	0.03735	6.02E-05	3.1E-06	0.00065	4.2E-08	0.00071	7.37E-05	3.75183E-06	0.000798	2.34E-08	8.75E-04	6.5E-05	2.89E-06	0.001519	2.41E-08	0.001587
4820	471363.09	3861877.25	0.00995	0.0102	0.01017	0.009	1.87E-05	8.9E-07	0.00022	1E-08	0.00024	2.29E-05	1.09652E-06	0.000272	5.63E-09	2.96E-04	2.02E-05	8.44E-07	0.000518	5.81E-09	0.000539
4821	471863.09	3861877.25	0.01038	0.01035	0.0107	0.00964	1.95E-05	9.1E-07	0.00023	1.1E-08	0.00025	2.39E-05	1.11265E-06	0.000286	6.03E-09	3.11E-04	2.11E-05	8.56E-07	0.000545	6.23E-09	0.000567
4822	472363.09	3861877.25	0.01081	0.01041	0.01119	0.0103	2.03E-05	9.1E-07	0.00024	1.2E-08	0.00026	2.49E-05	1.1191E-06	0.000299	6.44E-09	3.25E-04	2.19E-05	8.61E-07	0.00057	6.65E-09	0.000593
4823	472863.09	3861877.25	0.01126	0.01052	0.01164	0.01093	2.12E-05	9.2E-07	0.00025	1.2E-08	0.00027	2.59E-05	1.13092E-06	0.000311	6.84E-09	3.38E-04	2.29E-05	8.7E-07	0.000593	7.06E-09	0.000617
4824	473363.09	3861877.25	0.01172	0.01082	0.01205	0.01147	2.20E-05	9.5E-07	0.00026	1.3E-08	0.00028	2.70E-05	1.16317E-06	0.000322	7.17E-09	3.50E-04	2.38E-05	8.95E-07	0.000614	7.41E-09	0.000638
4825	473863.09	3861877.25	0.01221	0.01135	0.01248	0.01187	2.29E-05	1E-06	0.00027	1.3E-08	0.00029	2.81E-05	1.22015E-06	0.000334	7.42E-09	3.63E-04	2.48E-05	9.39E-07	0.000636	7.67E-09	0.000661
4826	474363.09	3861877.25	0.01274	0.01203	0.01295	0.01231	2.39E-05	1.1E-06	0.00028	1.4E-08	0.00031	2.93E-05	1.29325E-06	0.000346	7.7E-09	3.77E-04	2.59E-05	9.95E-07	0.00066	7.95E-09	0.000686
4827	474863.09	3861877.25	0.01331	0.01272	0.01348	0.0127	2.50E-05	1.1E-06	0.00029	1.4E-08	0.00032	3.07E-05	1.36743E-06	0.000361	7.94E-09	3.93E-04	2.7E-05	1.05E-06	0.000687	8.2E-09	0.000715
4828	475363.09	3861877.25	0.0139	0.01337	0.01404	0.01323	2.61E-05	1.2E-06	0.0003	1.5E-08	0.00033	3.20E-05	1.4373E-06	0.000376	8.27E-09	4.09E-04	2.82E-05	1.11E-06	0.000715	8.55E-09	0.000744
4829	475863.09	3861877.25	0.01453	0.014	0.01465	0.01392	2.73E-05	1.2E-06	0.00032	1.6E-08	0.00035	3.35E-05	1.50503E-06	0.000392	8.71E-09	4.27E-04	2.95E-05	1.16E-06	0.000746	8.99E-09	0.000777
4830	476363.09	3861877.25	0.01515	0.01467	0.01526	0.01439	2.85E-05	1.3E-06	0.00033	1.6E-08	0.00036	3.49E-05	1.57706E-06	0.000408	9E-09	4.45E-04	3.08E-05	1.21E-06	0.000777	9.3E-09	0.000809
4831	476863.09	3861877.25	0.01565	0.01518	0.01579	0.01437	2.94E-05	1.3E-06	0.00034	1.6E-08	0.00037	3.60E-05	1.63188E-06	0.000422	8.99E-09	4.60E-04	3.18E-05	1.26E-06	0.000804	9.28E-09	0.000837
4832	477363.09	3861877.25	0.01607	0.01623	0.01622	0.01403	3.02E-05	1.4E-06	0.00035	1.6E-08	0.00038	3.70E-05	1.74476E-06	0.000434	8.77E-09	4.73E-04	3.26E-05	1.34E-06	0.000826	9.06E-09	0.00086
4833	477863.09	3861877.25	0.01455	0.01612	0.01492	0.01013	2.73E-05	1.4E-06	0.00032	1.1E-08	0.00035	3.35E-05	1.73294E-06	0.000399	6.34E-09	4.34E-04	2.95E-05	1.33E-06	0.00076	6.54E-09	0.000791
4834	478363.09	3861877.25	0.00805	0.0085	0.00851	0.00457	1.51E-05	7.5E-07	0.00018	5.1E-09	0.0002	1.85E-05	9.13769E-07	0.000228	2.86E-09	2.47E-04	1.63E-05	7.03E-07	0.000433	2.95E-09	0.00045
4835	478863.09	3861877.25	0.01335	0.01477	0.01382	0.0079	2.51E-05	1.3E-06	0.0003	8.8E-09	0.00033	3.07E-05	1.58781E-06	0.00037	4.94E-09	4.02E-04	2.71E-05	1.22E-06	0.000704	5.1E-09	0.000732
4836	479363.09	3861877.25	0.01257	0.01258	0.0133	0.00708	2.36E-05	1.1E-06	0.00029	7.9E-09	0.00031	2.89E-05	1.35238E-06	0.000356	4.43E-09	3.86E-04	2.55E-05	1.04E-06	0.000677	4.57E-09	0.000704
4837	479863.09	3861877.25	0.02091	0.0197	0.02061	0.01846	3.93E-05	1.7E-06	0.00045	2.1E-08	0.00049	4.82E-05	2.11779E-06	0.000551	1.15E-08	6.02E-04	4.25E-05	1.63E-06	0.00105	1.19E-08	0.001094
4838	480363.09	3861877.25	0.02248	0.02136	0.02202	0.02136	4.22E-05	1.9E-06	0.00048	2.4E-08	0.00052	5.18E-05	2.29625E-06	0.000589	1.34E-08	6.43E-04	4.56E-05	1.77E-06	0.001121	1.38E-08	0.001169
4839	480863.09	3861877.25	0.02364	0.02251	0.02333	0.02262	4.44E-05	2E-06	0.00051	2.5E-08	0.00055	5.44E-05	2.41988E-06	0.000624	1.41E-08	6.81E-04	4.8E-05	1.86E-06	0.001188	1.46E-08	0.001238
4840	481363.09	3861877.25	0.02478	0.02285	0.02465	0.02412	4.66E-05	2E-06	0.00054	2.7E-08	0.00058	5.71E-05	2.45643E-06	0.000659	1.51E-08	7.19E-04	5.03E-05	1.89E-06	0.001255	1.56E-08	0.001308
4841	481863.09	3861877.25	0.02598	0.02304	0.02585	0.02585	4.88E-05	2E-06	0.00056	2.9E-08	0.00061	5.98E-05	2.47685E-06	0.000691	1.62E-08	7.54E-04	5.27E-05	1.91E-06	0.001317	1.67E-08	0.001371
4842	482363.09	3861877.25	0.02726	0.02453	0.0271	0.0273	5.12E-05	2.2E-06	0.00059	3.1E-08	0.00064	6.28E-05	2.63703E-06	0.000725	1.71E-08	7.90E-04	5.53E-05	2.03E-06	0.00138	1.76E-08	0.001438
4843	482863.09	3861877.25	0.02848	0.02641	0.02852	0.02869	5.35E-05	2.3E-06	0.00062	3.2E-08	0.00068	6.56E-05	2.83913E-06	0.000763	1.79E-08	8.31E-04	5.78E-05	2.18E-06	0.001453	1.85E-08	0.001513
4844	483363.09	3861877.25	0.02942	0.02782	0.0294	0.03049	5.53E-05	2.4E-06	0.00064	3.4E-08	0.0007	6.77E-05	2.99071E-06	0.000786	1.91E-08	8.57E-04	5.97E-05	2.3E-06	0.001497	1.97E-08	0.001559
4845	483863.09	3861877.25	0.03032	0.02888	0.0301	0.03201	5.70E-05	2.5E-06	0.00065	3.6E-08	0.00071	6.98E-05	3.10466E-06	0.000805	2E-08	8.78E-04	6.16E-05	2.39E-06	0.001533	2.07E-08	0.001597
4846	484363.09	3861877.25	0.0308	0.02995	0.0302	0.03342	5.79E-05	2.6E-06	0.00066	3.7E-08	0.00072	7.09E-05	3.21969E-06	0.000808	2.09E-08	8.82E-04	6.25E-05	2.48E-06	0.001538	2.16E-08	0.001603
4847	484863.09	3861877.25	0.03131	0.03022	0.0301	0.03434	5.88E-05	2.7E-06	0.00065	3.8E-08	0.00072	7.21E-05	3.24872E-06	0.000805	2.15E-08	8.80E-04	6.36E-05	2.5E-06	0.001533	2.22E-08	0.001599
4848	485363.09	3861877.25	0.03116	0.02851	0.02938	0.0343	5.86E-05	2.5E-06	0.00064	3.8E-08	0.0007	7.18E-05	3.06489E-06	0.000786	2.15E-08	8.61E-04	6.33E-05	2.36E-06	0.001496	2.22E-08	0.001562
4849	485863.09	3861877.25	0.03077	0.02988	0.02832	0.03359	5.78E-05	2.6E-06	0.00061	3.8E-08	0.00068	7.09E-05	3.21217E-06	0.000757	2.1E-08	8.32E-04	6.25E-05	2.47E-06	0.001442	2.17E-08	0.001507
4850	486363.09	3861877.25	0.03095	0.03027	0.02812	0.03304	5.82E-05	2.7E-06	0.00061	3.7E-08	0.00067	7.13E-05	3.25409E-06	0.000752	2.07E-08	8.27E-04	6.28E-05	2.5E-06	0.001432	2.13E-08	0.001498
4851	486863.09	3861877.25	0.0308	0.02898	0.02783	0.03325	5.79E-05	2.5E-06	0.0006	3.7E-08	0.00066	7.09E-05	3.11541E-06	0.000744	2.08E-08	8.18E-04	6.25E-05	2.4E-06	0.001417	2.15E-08	0.001482
4852	487363.09	3861877.25	0.0305	0.02676	0.02767	0.03269	5.73E-05	2.3E-06	0.0006	3.7E-08	0.00066	7.02E-05	2.87676E-06	0.00074	2.04E-08	8.13E-04	6.19E-05	2.21E-06	0.001409	2.11E-08	0.001473
4853	487863.09	3861877.25	0.03017	0.0264	0.02742	0.0321	5.67E-05	2.3E-06	0.0006	3.6E-08	0.00065	6.95E-05	2.83806E-06	0.000733	2.01E-08	8.06E-04	6.13E-05	2.18E-06	0.001397	2.07E-08	0.00146
4854	488363.09	3861877.25	0.02984	0.02891	0.02687	0.03196	5.61E-05	2.5E-06	0.00058	3.6E-08	0.00064	6.87E-05	3.10789E-06	0.000719	2E-08	7.91E-04	6.06E-05	2.39E-06	0.001369	2.06E-08	0.001432
4855	488863.09	3861877.25	0.0296	0.02858	0.02674	0.03278	5.56E-05	2.5E-06	0.00058	3.7E-08	0.00064	6.82E-05	3.07241E-06	0.000715	2.05E-08	7.86E-04	6.01E-05	2.36E-06	0.001362	2.12E-08	0.001424
4856	489363.09	3861877.25	0.02953	0.02763	0.02685	0.0327	5.55E-05	2.4E-06	0.00058	3.7E-08	0.00064	6.80E-05	2.97029E-06	0.000718	2.05E-08	7.89E-04	6E-05	2.28E-06	0.001367	2.11E-08	0.00143
4857	489863.09	3861877.25	0.0299	0.02911	0.02726	0.03339	5.62E-05	2.6E-06	0.00059	3.7E-08	0.00065	6.89E-05	3.12939E-06	0.000729	2.09E-08	8.01E-04	6.07E-05	2.41E-06	0.001388	2.16E-08	0.001452
4858	490363.09	3861877.25	0.02999	0.02937	0.02746	0.03407	5.64E-05	2.6E-06	0.0006	3.8E-08	0.00066	6.91E-05	3.15734E-06	0.000734	2.13E-08	8.07E-04	6.09E-05	2.43E-06	0.001399	2.2E-08	0.001462
4859	490863.09	3861877.25	0.03016	0.02979	0.02739	0.03431	5.67E-05	2.6E-06	0.00059	3.8E-08	0.00065	6.95E-05	3.20249E-06	0.000733	2.15E-08	8.05E-04	6.12E-05	2.46E-06	0.001395	2.22E-08	0.001459
4860	491363.09	3861877.25	0.03052	0.03053	0.02767	0.0347	5.74E-05	2.7E-06	0.0006	3.9E-08	0.00066	7.03E-05	3.28204E-06	0.00074	2.17E-08	8.14E-04	6.2E-05	2.52E-06	0.001409	2.24E-08	0.001474
4861	491863.09	3861877.25	0.03106	0.03153	0.0286	0.03637	5.84E-05	2.8E-06	0.00062	4.1E-08	0.00068	7.15E-05	3.38955E-06	0.000765	2.27E-08	8.40E-04	6.31E-05	2.61E-06	0.001457	2.35E-08	0.001522
4862	492363.09	3861877.25	0.03014	0.03093	0.02803	0.03589	5.66E-05	2.7E-06	0.00061	4E-08	0.00067	6.94E-05	3.32504E-06	0.00075	2.24E-08	8.22E-04	6.12E-05	2.56E-06	0.001428	2.32E-08	0.001491
4863	492863.09	3861877.25	0.02875	0.02943	0.02655	0.03359	5.40E-05	2.6E-06	0.00058	3.8E-08	0.00063	6.62E-05	3.16379E-06	0.00071	2.1E-08	7.79E-04	5.84E-05	2.43E-06	0.001352	2.17E-08	0.001413
4864	493363.09	3861877.25	0.02781	0.02841	0.02544	0.03223	5.23E-05	2.5E-06	0.00055	3.6E-08	0.00061	6.40E-05	3.05414E-06	0.00068	2.02E-08	7.48E-04	5.65E-05	2.35E-06	0.001296	2.08E-08	0.001355
4865	493863.09	3861877.25	0.02753	0.02816	0.02503	0.03202	5.17E-05	2.5E-06	0.00054	3.6E-08	0.0006	6.34E-05	3.02726E-06	0.000669	2E-08	7.36E-04	5.59E-05	2.33E-06	0.001275	2.07E-08	0.001333
4866	494363.09	3861877.25	0.02773	0.0285	0.02493	0.03239	5.21E-05	2.5E-06	0.00054	3.6E-08	0.0006	6.39E-05	3.06381E-06	0.000667	2.03E-08	7.34E-04	5.63E-05	2.36E-06	0.00127	2.09E-08	0.001328
4867	494863.09	3861877.25	0.02829	0.02951	0.02532	0.03354	5.32E-05	2.6E-06	0.00055	3.7E-08	0.00061	6.51E-05	3.17239E-06	0.000677	2.1E-08	7.46E-04	5.74E-05	2.44E-06	0.00129	2.17E-08	0.001349
4868	495363.09	3861877.25	0.02872	0.0305	0.02604	0.03481	5.40E-05	2.7E-06	0.00057	3.9E-08	0.00062	6.61E-05	3.27882E-06	0.000696	2.18E-08	7.66E-04	5.83E-05	2.52E-06	0.001326	2.25E-08	0.001387
4869	495863.09	3861877.25	0.02897	0.03105	0.0268	0.0356	5.44E-05	2.7E-06	0.00058	4E-08	0.00064	6.67E-05	3.33794E-06	0.000717	2.23E-08	7.87E-04	5.88E-05	2.57E-06	0.001365	2.3E-08	0.001426
4870	496363.09	3861877.25	0.02911	0.03125	0.02731	0.0358	5.47E-05	2.7E-06	0.00059	4E-08	0.00065	6.70E-05	3.35945E-06	0.00073	2.24E-08	8.01E-04	5.91E-05	2.58E-06	0.001391	2.31E-08	0.001453
4871	496863.09	3861877.25	0.03067	0.03316	0.02896	0.03627	5.76E-05	2.9E-06	0.00063	4.1E-08	0.00069	7.06E-05	3.56477E-06	0.000775	2.27E-08	8.49E-04	6.23E-05	2.74E-06	0.001475	2.34E-08	0.00154
4872	497363.09	3861877.25	0.02917	0.03142	0.02746	0.03511	5.48E-05	2.8E-06	0.0006	3.9E-08	0.00065	6.72E-05	3.37772E-06	0.000734	2.2E-08	8.05E-04	5.92E-05	2.6E-06	0.001399	2.27E-08	0.00146
4873	497863.09	3861877.25	0.02828	0.03051	0.02653	0.03397	5.31E-05	2.7E-06	0.00058	3.8E-08	0.00063	6.51E-05	3.27989E-06	0.00071	2.12E-08	7.78E-04	5.74E-05	2.52E-06	0.001351	2.19E-08	0.001411
4874	498363.09	3861877.25	0.02758	0.02985	0.02584	0.03304	5.18E-05	2.6E-06	0.00056	3.7E-08	0.00062	6.35E-05	3.20894E-06	0.000691	2.07E-08	7.58E-04	5.6E-05	2.47E-06	0.001316	2.13E-08	0.001375
4875	471363.09	3862377.25	0.00968	0.00946	0.00997	0.00937	1.82E-05	8.3E-07	0.00022	1E-08	0.00024	2.23E-05	1.01697E-06	0.000267	5.86E-09	2.90E-04	1.97E-05	7.82E-07	0.000508	6.05E-09	0.000528
4876	471863.09	3862377.25	0.01004	0.0095	0.01034	0.00985	1.89E-05	8.3E-07	0.00022	1.1E-08	0.00024	2.31E-05	1.02127E-06	0.000277	6.16E-09	3.01E-04	2.04E-05	7.86E-07	0.000527	6.36E-09	0.000548

4877	472363.09	3862377.25	0.01041	0.00965	0.01067	0.01033	1.96E-05	8.5E-07	0.00023	1.2E-08	0.00025	2.40E-05	1.0374E-06	0.000285	6.46E-09	3.10E-04	2.11E-05	7.98E-07	0.000543	6.67E-09	0.000565
4878	472863.09	3862377.25	0.0108	0.00997	0.011	0.01074	2.03E-05	8.7E-07	0.00024	1.2E-08	0.00026	2.49E-05	1.0718E-06	0.000294	6.72E-09	3.20E-04	2.19E-05	8.25E-07	0.00056	6.94E-09	0.000583
4879	473363.09	3862377.25	0.01121	0.01044	0.01135	0.01111	2.11E-05	9.2E-07	0.00025	1.2E-08	0.00027	2.58E-05	1.12232E-06	0.000304	6.95E-09	3.31E-04	2.28E-05	8.63E-07	0.000578	7.18E-09	0.000602
4880	473863.09	3862377.25	0.01166	0.01099	0.01175	0.01146	2.19E-05	9.6E-07	0.00026	1.3E-08	0.00028	2.69E-05	1.18145E-06	0.000314	7.17E-09	3.42E-04	2.37E-05	9.09E-07	0.000598	7.4E-09	0.000623
4881	474363.09	3862377.25	0.01214	0.01155	0.01221	0.01179	2.28E-05	1E-06	0.00027	1.3E-08	0.00029	2.80E-05	1.24165E-06	0.000327	7.37E-09	3.56E-04	2.46E-05	9.55E-07	0.000622	7.62E-09	0.000647
4882	474863.09	3862377.25	0.01262	0.01214	0.01271	0.01208	2.37E-05	1.1E-06	0.00028	1.3E-08	0.0003	2.91E-05	1.30508E-06	0.00034	7.56E-09	3.70E-04	2.56E-05	1E-06	0.000647	7.8E-09	0.000674
4883	475363.09	3862377.25	0.01315	0.01276	0.01319	0.0127	2.47E-05	1.1E-06	0.00029	1.4E-08	0.00031	3.03E-05	1.37173E-06	0.000353	7.94E-09	3.84E-04	2.67E-05	1.06E-06	0.000672	8.2E-09	0.0007
4884	475863.09	3862377.25	0.01367	0.01346	0.01366	0.01326	2.57E-05	1.2E-06	0.0003	1.5E-08	0.00032	3.15E-05	1.44698E-06	0.000365	8.29E-09	3.98E-04	2.78E-05	1.11E-06	0.000696	8.57E-09	0.000725
4885	476363.09	3862377.25	0.01419	0.01433	0.01409	0.01371	2.67E-05	1.3E-06	0.00031	1.5E-08	0.00033	3.27E-05	1.54051E-06	0.000377	8.57E-09	4.11E-04	2.88E-05	1.19E-06	0.000718	8.86E-09	0.000748
4886	476863.09	3862377.25	0.01472	0.0154	0.01446	0.01407	2.77E-05	1.4E-06	0.00031	1.6E-08	0.00034	3.39E-05	1.65553E-06	0.000387	8.8E-09	4.22E-04	2.99E-05	1.27E-06	0.000736	9.09E-09	0.000768
4887	477363.09	3862377.25	0.0153	0.01666	0.01487	0.01401	2.88E-05	1.5E-06	0.00032	1.6E-08	0.00035	3.52E-05	1.79099E-06	0.000398	8.76E-09	4.35E-04	3.11E-05	1.38E-06	0.000757	9.05E-09	0.00079
4888	477863.09	3862377.25	0.01471	0.01642	0.01451	0.01132	2.76E-05	1.4E-06	0.00032	1.3E-08	0.00034	3.39E-05	1.76519E-06	0.000388	7.08E-09	4.24E-04	2.99E-05	1.36E-06	0.000739	7.31E-09	0.00077
4889	478363.09	3862377.25	0.01323	0.01402	0.0135	0.00857	2.49E-05	1.2E-06	0.00029	9.6E-09	0.00032	3.05E-05	1.50718E-06	0.000361	5.36E-09	3.93E-04	2.69E-05	1.16E-06	0.000688	5.54E-09	0.000716
4890	478863.09	3862377.25	0.01403	0.01364	0.01447	0.00919	2.64E-05	1.2E-06	0.00031	1E-08	0.00034	3.23E-05	1.46633E-06	0.000387	5.75E-09	4.21E-04	2.85E-05	1.13E-06	0.000737	5.94E-09	0.000767
4891	479363.09	3862377.25	0.01612	0.01517	0.0165	0.0115	3.03E-05	1.3E-06	0.00036	1.3E-08	0.00039	3.71E-05	1.63081E-06	0.000441	7.19E-09	4.80E-04	3.27E-05	1.25E-06	0.00084	7.43E-09	0.000874
4892	479863.09	3862377.25	0.01938	0.01869	0.0192	0.01723	3.64E-05	1.6E-06	0.00042	1.9E-08	0.00046	4.46E-05	2.00922E-06	0.000514	1.08E-08	5.60E-04	3.93E-05	1.55E-06	0.000978	1.11E-08	0.001019
4893	480363.09	3862377.25	0.02056	0.01986	0.02025	0.01926	3.86E-05	1.7E-06	0.00044	2.2E-08	0.00048	4.73E-05	2.13499E-06	0.000542	1.2E-08	5.91E-04	4.17E-05	1.64E-06	0.001031	1.24E-08	0.001075
4894	480863.09	3862377.25	0.02152	0.02031	0.02131	0.02065	4.04E-05	1.8E-06	0.00046	2.3E-08	0.00051	4.96E-05	2.18337E-06	0.00057	1.29E-08	6.22E-04	4.37E-05	1.68E-06	0.001085	1.33E-08	0.001131
4895	481363.09	3862377.25	0.02245	0.01999	0.02239	0.0222	4.22E-05	1.8E-06	0.00049	2.5E-08	0.00053	5.17E-05	2.14897E-06	0.000599	1.39E-08	6.53E-04	4.56E-05	1.65E-06	0.00114	1.43E-08	0.001188
4896	481863.09	3862377.25	0.02334	0.02041	0.02328	0.02356	4.39E-05	1.8E-06	0.00051	2.6E-08	0.00055	5.37E-05	2.19412E-06	0.000623	1.47E-08	6.79E-04	4.74E-05	1.69E-06	0.001186	1.52E-08	0.001235
4897	482363.09	3862377.25	0.02433	0.02254	0.02429	0.02456	4.57E-05	2E-06	0.00053	2.7E-08	0.00058	5.60E-05	2.4231E-06	0.00065	1.54E-08	7.08E-04	4.94E-05	1.86E-06	0.001237	1.59E-08	0.001288
4898	482863.09	3862377.25	0.02528	0.02416	0.02529	0.02575	4.75E-05	2.1E-06	0.00055	2.9E-08	0.0006	5.82E-05	2.59725E-06	0.000676	1.61E-08	7.37E-04	5.13E-05	2E-06	0.001288	1.66E-08	0.001341
4899	483363.09	3862377.25	0.02616	0.02466	0.02603	0.02715	4.92E-05	2.2E-06	0.00057	3E-08	0.00062	6.02E-05	2.65101E-06	0.000696	1.7E-08	7.59E-04	5.31E-05	2.04E-06	0.001326	1.75E-08	0.001381
4900	483863.09	3862377.25	0.02659	0.02556	0.0262	0.02832	5.00E-05	2.2E-06	0.00057	3.2E-08	0.00062	6.12E-05	2.74776E-06	0.000701	1.77E-08	7.65E-04	5.4E-05	2.11E-06	0.001334	1.83E-08	0.001391
4901	484363.09	3862377.25	0.02719	0.02675	0.02653	0.02919	5.11E-05	2.3E-06	0.00058	3.3E-08	0.00063	6.26E-05	2.87568E-06	0.00071	1.83E-08	7.75E-04	5.52E-05	2.21E-06	0.001351	1.89E-08	0.001409
4902	484863.09	3862377.25	0.02708	0.02524	0.02603	0.02958	5.09E-05	2.2E-06	0.00057	3.3E-08	0.00062	6.24E-05	2.71336E-06	0.000696	1.85E-08	7.61E-04	5.5E-05	2.09E-06	0.001326	1.91E-08	0.001383
4903	485363.09	3862377.25	0.0269	0.02405	0.02544	0.02933	5.06E-05	2.1E-06	0.00055	3.3E-08	0.00061	6.19E-05	2.58543E-06	0.00068	1.83E-08	7.45E-04	5.46E-05	1.99E-06	0.001296	1.89E-08	0.001352
4904	485863.09	3862377.25	0.02689	0.02621	0.02483	0.0286	5.05E-05	2.3E-06	0.00054	3.2E-08	0.00059	6.19E-05	2.81763E-06	0.000664	1.79E-08	7.29E-04	5.46E-05	2.17E-06	0.001265	1.85E-08	0.001321
4905	486363.09	3862377.25	0.02674	0.02583	0.02447	0.02809	5.02E-05	2.3E-06	0.00053	3.1E-08	0.00058	6.16E-05	2.77678E-06	0.000654	1.76E-08	7.19E-04	5.43E-05	2.14E-06	0.001246	1.81E-08	0.001303
4906	486863.09	3862377.25	0.02651	0.02513	0.02421	0.02813	4.98E-05	2.2E-06	0.00053	3.1E-08	0.00058	6.10E-05	2.70153E-06	0.000648	1.76E-08	7.11E-04	5.38E-05	2.08E-06	0.001233	1.82E-08	0.001289
4907	487363.09	3862377.25	0.02627	0.02322	0.02416	0.02777	4.94E-05	2E-06	0.00052	3.1E-08	0.00058	6.05E-05	2.4962E-06	0.000646	1.74E-08	7.09E-04	5.33E-05	1.92E-06	0.00123	1.79E-08	0.001286
4908	487863.09	3862377.25	0.02607	0.02245	0.02411	0.02743	4.90E-05	2E-06	0.00052	3.1E-08	0.00057	6.00E-05	2.41343E-06	0.000645	1.72E-08	7.07E-04	5.29E-05	1.86E-06	0.001228	1.77E-08	0.001283
4909	488363.09	3862377.25	0.02579	0.0244	0.02364	0.02724	4.85E-05	2.1E-06	0.00051	3E-08	0.00056	5.94E-05	2.62305E-06	0.000632	1.7E-08	6.94E-04	5.24E-05	2.02E-06	0.001204	1.76E-08	0.001258
4910	488863.09	3862377.25	0.0256	0.02519	0.02336	0.02778	4.81E-05	2.2E-06	0.00051	3.1E-08	0.00056	5.90E-05	2.70798E-06	0.000625	1.74E-08	6.86E-04	5.2E-05	2.08E-06	0.00119	1.79E-08	0.001244
4911	489363.09	3862377.25	0.02556	0.0241	0.02346	0.02795	4.80E-05	2.1E-06	0.00051	3.1E-08	0.00056	5.89E-05	2.5908E-06	0.000627	1.75E-08	6.89E-04	5.19E-05	1.99E-06	0.001195	1.81E-08	0.001249
4912	489863.09	3862377.25	0.02573	0.02448	0.02374	0.02816	4.84E-05	2.1E-06	0.00052	3.1E-08	0.00057	5.93E-05	2.63165E-06	0.000635	1.76E-08	6.97E-04	5.22E-05	2.02E-06	0.001209	1.82E-08	0.001263
4913	490363.09	3862377.25	0.026	0.02561	0.02403	0.02897	4.89E-05	2.2E-06	0.00052	3.2E-08	0.00057	5.99E-05	2.75313E-06	0.000643	1.81E-08	7.05E-04	5.28E-05	2.12E-06	0.001224	1.87E-08	0.001279
4914	490863.09	3862377.25	0.02617	0.02565	0.02424	0.02935	4.92E-05	2.3E-06	0.00053	3.3E-08	0.00058	6.03E-05	2.75743E-06	0.000648	1.84E-08	7.11E-04	5.31E-05	2.12E-06	0.001235	1.9E-08	0.00129
4915	491363.09	3862377.25	0.02618	0.02598	0.02405	0.02949	4.92E-05	2.3E-06	0.00052	3.3E-08	0.00057	6.03E-05	2.79291E-06	0.000643	1.84E-08	7.06E-04	5.32E-05	2.15E-06	0.001225	1.9E-08	0.00128
4916	491863.09	3862377.25	0.0262	0.02629	0.02406	0.02953	4.92E-05	2.3E-06	0.00052	3.3E-08	0.00057	6.03E-05	2.82623E-06	0.000644	1.85E-08	7.07E-04	5.32E-05	2.17E-06	0.001225	1.91E-08	0.001281
4917	492363.09	3862377.25	0.02665	0.02712	0.02483	0.03095	5.01E-05	2.4E-06	0.00054	3.5E-08	0.00059	6.14E-05	2.91546E-06	0.000664	1.94E-08	7.28E-04	5.41E-05	2.24E-06	0.001265	2E-08	0.001321
4918	492863.09	3862377.25	0.02626	0.02701	0.02471	0.03102	4.93E-05	2.4E-06	0.00054	3.5E-08	0.00059	6.05E-05	2.90364E-06	0.000661	1.94E-08	7.24E-04	5.33E-05	2.23E-06	0.001258	2E-08	0.001314
4919	493363.09	3862377.25	0.02511	0.02578	0.02351	0.02918	4.72E-05	2.3E-06	0.00051	3.3E-08	0.00056	5.78E-05	2.77141E-06	0.000629	1.83E-08	6.89E-04	5.1E-05	2.13E-06	0.001197	1.88E-08	0.001251
4920	493863.09	3862377.25	0.02412	0.0247	0.02238	0.02771	4.53E-05	2.2E-06	0.00049	3.1E-08	0.00053	5.55E-05	2.65531E-06	0.000599	1.73E-08	6.57E-04	4.9E-05	2.04E-06	0.00114	1.79E-08	0.001191
4921	494363.09	3862377.25	0.02365	0.02428	0.02187	0.02731	4.44E-05	2.1E-06	0.00047	3.1E-08	0.00052	5.45E-05	2.61015E-06	0.000585	1.71E-08	6.42E-04	4.8E-05	2.01E-06	0.001114	1.76E-08	0.001164
4922	494863.09	3862377.25	0.02367	0.02437	0.02175	0.02743	4.45E-05	2.1E-06	0.00047	3.1E-08	0.00052	5.45E-05	2.61983E-06	0.000582	1.72E-08	6.39E-04	4.81E-05	2.02E-06	0.001108	1.77E-08	0.001158
4923	495363.09	3862377.25	0.02377	0.02466	0.02163	0.02775	4.47E-05	2.2E-06	0.00047	3.1E-08	0.00052	5.47E-05	2.65101E-06	0.000579	1.74E-08	6.36E-04	4.83E-05	2.04E-06	0.001102	1.79E-08	0.001152
4924	495863.09	3862377.25	0.02412	0.02539	0.02193	0.02864	4.53E-05	2.2E-06	0.00048	3.2E-08	0.00052	5.55E-05	2.72948E-06	0.000587	1.79E-08	6.45E-04	4.9E-05	2.1E-06	0.001117	1.85E-08	0.001168
4925	496363.09	3862377.25	0.02442	0.02607	0.02251	0.02959	4.59E-05	2.3E-06	0.00049	3.3E-08	0.00054	5.62E-05	2.80258E-06	0.000602	1.85E-08	6.61E-04	4.96E-05	2.16E-06	0.001146	1.91E-08	0.001198
4926	496863.09	3862377.25	0.0249	0.02679	0.02335	0.03048	4.68E-05	2.4E-06	0.00051	3.4E-08	0.00056	5.73E-05	2.87999E-06	0.000625	1.91E-08	6.85E-04	5.06E-05	2.22E-06	0.001189	1.97E-08	0.001242
4927	497363.09	3862377.25	0.02475	0.02666	0.02348	0.03034	4.65E-05	2.3E-06	0.00051	3.4E-08	0.00056	5.70E-05	2.86601E-06	0.000628	1.9E-08	6.88E-04	5.03E-05	2.2E-06	0.001196	1.96E-08	0.001248
4928	497863.09	3862377.25	0.02451	0.02638	0.02332	0.02988	4.61E-05	2.3E-06	0.00051	3.3E-08	0.00055	5.64E-05	2.83591E-06	0.000624	1.87E-08	6.83E-04	4.98E-05	2.18E-06	0.001188	1.93E-08	0.00124
4929	498363.09	3862377.25	0.02401	0.02586	0.0228	0.02908	4.51E-05	2.3E-06	0.0005	3.2E-08	0.00054	5.53E-05	2.78001E-06	0.00061	1.82E-08	6.68E-04	4.87E-05	2.14E-06	0.001161	1.88E-08	0.001212
4930	471363.09	3862877.25	0.00932	0.00867	0.00954	0.00934	1.75E-05	7.6E-07	0.00021	1E-08	0.00023	2.15E-05	9.32044E-07	0.000255	5.84E-09	2.78E-04	1.89E-05	7.17E-07	0.000486	6.03E-09	0.000506
4931	471863.09	3862877.25	0.00964	0.00884	0.0098	0.00968	1.81E-05	7.8E-07	0.00021	1.1E-08	0.00023	2.22E-05	9.5032E-07	0.000262	6.05E-09	2.85E-04	1.96E-05	7.31E-07	0.000499	6.25E-09	0.000519
4932	472363.09	3862877.25	0.00997	0.00916	0.01008	0.01	1.87E-05	8E-07	0.00022	1.1E-08	0.00024	2.30E-05	9.84721E-07	0.00027	6.25E-09	2.94E-04	2.02E-05	7.58E-07	0.000513	6.46E-09	0.000534
4933	472863.09	3862877.25	0.01033	0.00959	0.01039	0.01026	1.94E-05	8.4E-07	0.00023	1.1E-08	0.00025	2.38E-05	1.03095E-06	0.000278	6.42E-09	3.03E-04	2.1E-05	7.93E-07	0.000529	6.63E-09	0.000551
4934	473363.09	3862877.25	0.0107	0.01006	0.01074	0.01055	2.01E-05	8.8E-07	0.00023	1.2E-08	0.00025	2.46E-05	1.08147E-06	0.000287	6.6E-09	3.13E-04	2.17E-05	8.32E-07	0.000547	6.81E-09	0.00057
4935	473863.09	3862877.25	0.0111	0.01057	0.01112	0.01085	2.09E-05	9.3E-07	0.00024	1.2E-08	0.00026	2.56E-05	1.1363E-06	0.000297	6.79E-09	3.24E-04	2.25E-05	8.74E-07	0.000566	7.01E-09	0.00059
4936	474363.09	3862877.25	0.01151	0.01118	0.01153	0.01118	2.16E-05	9.8E-07	0.00025	1.2E-08	0.00027	2.65E-05	1.20188E-06	0.000308	6.99E-09	3.36E-04	2.34E-05	9.25E-07	0.000587	7.22E-09	0.000612
4937	474863.09	3862877.25	0.01194	0.01187	0.01192	0.01157	2.24E-05	1E-06	0.00026	1.3E-08	0.00028	2.75E-05	1.27605E-06	0.000319	7.24E-09	3.48E-04	2.42E-05	9.82E-07	0.000607	7.47E-09	0.000632

4938	475363.09	3862877.25	0.01234	0.01256	0.01225	0.01205	2.32E-05	1.1E-06	0.00027	1.3E-08	0.00029	2.84E-05	1.35023E-06	0.000328	7.54E-09	3.57E-04	2.51E-05	1.04E-06	0.000624	7.78E-09	0.00065
4939	475863.09	3862877.25	0.01277	0.01324	0.01253	0.0125	2.40E-05	1.2E-06	0.00027	1.4E-08	0.0003	2.94E-05	1.42333E-06	0.000335	7.82E-09	3.66E-04	2.59E-05	1.09E-06	0.000638	8.07E-09	0.000665
4940	476363.09	3862877.25	0.01323	0.01386	0.01282	0.01292	2.49E-05	1.2E-06	0.00028	1.4E-08	0.0003	3.05E-05	1.48998E-06	0.000343	8.08E-09	3.75E-04	2.69E-05	1.15E-06	0.000653	8.35E-09	0.000681
4941	476863.09	3862877.25	0.01378	0.01437	0.0132	0.01325	2.59E-05	1.3E-06	0.00029	1.5E-08	0.00031	3.17E-05	1.54481E-06	0.000353	8.29E-09	3.86E-04	2.8E-05	1.19E-06	0.000672	8.56E-09	0.000701
4942	477363.09	3862877.25	0.01441	0.01466	0.01375	0.01351	2.71E-05	1.3E-06	0.0003	1.5E-08	0.00033	3.32E-05	1.57598E-06	0.000368	8.45E-09	4.03E-04	2.93E-05	1.21E-06	0.0007	8.73E-09	0.000731
4943	477863.09	3862877.25	0.01466	0.01443	0.01422	0.01288	2.75E-05	1.3E-06	0.00031	1.4E-08	0.00034	3.38E-05	1.55126E-06	0.00038	8.06E-09	4.16E-04	2.98E-05	1.19E-06	0.000724	8.32E-09	0.000755
4944	478363.09	3862877.25	0.01394	0.01329	0.01413	0.01032	2.62E-05	1.2E-06	0.00031	1.2E-08	0.00033	3.21E-05	1.4287E-06	0.000378	6.45E-09	4.11E-04	2.83E-05	1.1E-06	0.00072	6.67E-09	0.000749
4945	478863.09	3862877.25	0.01466	0.0137	0.01493	0.0108	2.75E-05	1.2E-06	0.00032	1.2E-08	0.00035	3.38E-05	1.47278E-06	0.000399	6.75E-09	4.35E-04	2.98E-05	1.13E-06	0.00076	6.98E-09	0.000791
4946	479363.09	3862877.25	0.01562	0.01562	0.01584	0.01163	2.94E-05	1.4E-06	0.00034	1.3E-08	0.00037	3.60E-05	1.67918E-06	0.000424	7.27E-09	4.61E-04	3.17E-05	1.29E-06	0.000807	7.51E-09	0.00084
4947	479863.09	3862877.25	0.01813	0.01761	0.01782	0.0166	3.41E-05	1.5E-06	0.00039	1.9E-08	0.00042	4.18E-05	1.89311E-06	0.000477	1.04E-08	5.20E-04	3.68E-05	1.46E-06	0.000908	1.07E-08	0.000946
4948	480363.09	3862877.25	0.01887	0.01808	0.01863	0.01796	3.55E-05	1.6E-06	0.0004	2E-08	0.00044	4.35E-05	1.94364E-06	0.000498	1.12E-08	5.44E-04	3.83E-05	1.5E-06	0.000949	1.16E-08	0.000989
4949	480863.09	3862877.25	0.01967	0.01789	0.01962	0.01923	3.70E-05	1.6E-06	0.00043	2.1E-08	0.00046	4.53E-05	1.92322E-06	0.000525	1.2E-08	5.72E-04	3.99E-05	1.48E-06	0.000999	1.24E-08	0.001041
4950	481363.09	3862877.25	0.02029	0.01757	0.02036	0.02045	3.81E-05	1.5E-06	0.00044	2.3E-08	0.00048	4.67E-05	1.88881E-06	0.000545	1.28E-08	5.93E-04	4.12E-05	1.45E-06	0.001037	1.32E-08	0.00108
4951	481863.09	3862877.25	0.02126	0.0192	0.0213	0.02129	4.00E-05	1.7E-06	0.00046	2.4E-08	0.0005	4.90E-05	2.06404E-06	0.00057	1.33E-08	6.21E-04	4.32E-05	1.59E-06	0.001085	1.38E-08	0.00113
4952	482363.09	3862877.25	0.02185	0.02102	0.02177	0.02212	4.11E-05	1.8E-06	0.00047	2.5E-08	0.00052	5.03E-05	2.2597E-06	0.000582	1.38E-08	6.35E-04	4.44E-05	1.74E-06	0.001109	1.43E-08	0.001155
4953	482863.09	3862877.25	0.02269	0.02155	0.02259	0.02322	4.26E-05	1.9E-06	0.00049	2.6E-08	0.00054	5.23E-05	2.31667E-06	0.000604	1.45E-08	6.59E-04	4.61E-05	1.78E-06	0.001151	1.5E-08	0.001198
4954	483363.09	3862877.25	0.02329	0.02192	0.02303	0.02438	4.38E-05	1.9E-06	0.0005	2.7E-08	0.00055	5.36E-05	2.35645E-06	0.000616	1.52E-08	6.72E-04	4.73E-05	1.81E-06	0.001173	1.57E-08	0.001222
4955	483863.09	3862877.25	0.02364	0.02318	0.02317	0.02509	4.44E-05	2E-06	0.0005	2.8E-08	0.00055	5.44E-05	2.4919E-06	0.00062	1.57E-08	6.77E-04	4.8E-05	1.92E-06	0.00118	1.62E-08	0.00123
4956	484363.09	3862877.25	0.02397	0.02336	0.0233	0.02557	4.50E-05	2E-06	0.00051	2.9E-08	0.00055	5.52E-05	2.51125E-06	0.000623	1.6E-08	6.81E-04	4.87E-05	1.93E-06	0.001187	1.65E-08	0.001237
4957	484863.09	3862877.25	0.02378	0.02126	0.02291	0.02578	4.47E-05	1.9E-06	0.0005	2.9E-08	0.00054	5.48E-05	2.2855E-06	0.000613	1.61E-08	6.70E-04	4.83E-05	1.76E-06	0.001167	1.67E-08	0.001217
4958	485363.09	3862877.25	0.0237	0.02124	0.02248	0.02538	4.45E-05	1.9E-06	0.00049	2.8E-08	0.00053	5.46E-05	2.28335E-06	0.000601	1.59E-08	6.58E-04	4.81E-05	1.76E-06	0.001145	1.64E-08	0.001195
4959	485863.09	3862877.25	0.02351	0.02277	0.02181	0.02459	4.42E-05	2E-06	0.00047	2.7E-08	0.00052	5.41E-05	2.44783E-06	0.000583	1.54E-08	6.40E-04	4.77E-05	1.88E-06	0.001111	1.59E-08	0.00116
4960	486363.09	3862877.25	0.02354	0.02249	0.02169	0.02441	4.42E-05	2E-06	0.00047	2.7E-08	0.00052	5.42E-05	2.41773E-06	0.00058	1.53E-08	6.37E-04	4.78E-05	1.86E-06	0.001105	1.58E-08	0.001154
4961	486863.09	3862877.25	0.02314	0.02207	0.02131	0.02411	4.35E-05	1.9E-06	0.00046	2.7E-08	0.00051	5.33E-05	2.37257E-06	0.00057	1.51E-08	6.26E-04	4.7E-05	1.83E-06	0.001085	1.56E-08	0.001134
4962	487363.09	3862877.25	0.02299	0.02047	0.02133	0.02394	4.32E-05	1.8E-06	0.00046	2.7E-08	0.00051	5.29E-05	2.20057E-06	0.00057	1.5E-08	6.26E-04	4.67E-05	1.69E-06	0.001086	1.55E-08	0.001135
4963	487863.09	3862877.25	0.02283	0.01951	0.02138	0.02374	4.29E-05	1.7E-06	0.00046	2.7E-08	0.00051	5.26E-05	2.09737E-06	0.000572	1.48E-08	6.27E-04	4.64E-05	1.61E-06	0.001089	1.53E-08	0.001137
4964	488363.09	3862877.25	0.02267	0.02083	0.02112	0.02365	4.26E-05	1.8E-06	0.00046	2.6E-08	0.0005	5.22E-05	2.23927E-06	0.000565	1.48E-08	6.19E-04	4.6E-05	1.72E-06	0.001076	1.53E-08	0.001123
4965	488863.09	3862877.25	0.02244	0.0221	0.02068	0.02394	4.22E-05	1.9E-06	0.00045	2.7E-08	0.00049	5.17E-05	2.3758E-06	0.000553	1.5E-08	6.07E-04	4.56E-05	1.83E-06	0.001053	1.55E-08	0.001101
4966	489363.09	3862877.25	0.0223	0.02145	0.02059	0.02407	4.19E-05	1.9E-06	0.00045	2.7E-08	0.00049	5.14E-05	2.30592E-06	0.000551	1.51E-08	6.04E-04	4.53E-05	1.77E-06	0.001049	1.55E-08	0.001096
4967	489863.09	3862877.25	0.02238	0.02096	0.02082	0.02417	4.21E-05	1.8E-06	0.00045	2.7E-08	0.0005	5.15E-05	2.25325E-06	0.000557	1.51E-08	6.11E-04	4.54E-05	1.73E-06	0.00106	1.56E-08	0.001108
4968	490363.09	3862877.25	0.02253	0.02189	0.021	0.02465	4.23E-05	1.9E-06	0.00046	2.8E-08	0.0005	5.19E-05	2.35322E-06	0.000562	1.54E-08	6.16E-04	4.57E-05	1.81E-06	0.00107	1.59E-08	0.001117
4969	490863.09	3862877.25	0.02274	0.0224	0.02122	0.02519	4.27E-05	2E-06	0.00046	2.8E-08	0.00051	5.24E-05	2.40805E-06	0.000568	1.58E-08	6.22E-04	4.62E-05	1.85E-06	0.001081	1.63E-08	0.001129
4970	491363.09	3862877.25	0.0231	0.02269	0.02161	0.02562	4.34E-05	2E-06	0.00047	2.9E-08	0.00051	5.32E-05	2.43923E-06	0.000578	1.6E-08	6.34E-04	4.69E-05	1.88E-06	0.001101	1.65E-08	0.001149
4971	491863.09	3862877.25	0.0228	0.02268	0.02113	0.02548	4.28E-05	2E-06	0.00046	2.8E-08	0.0005	5.25E-05	2.43815E-06	0.000565	1.59E-08	6.20E-04	4.63E-05	1.88E-06	0.001076	1.65E-08	0.001124
4972	492363.09	3862877.25	0.02295	0.02308	0.02127	0.02562	4.31E-05	2E-06	0.00046	2.9E-08	0.00051	5.28E-05	2.48115E-06	0.000569	1.6E-08	6.24E-04	4.66E-05	1.91E-06	0.001083	1.65E-08	0.001132
4973	492863.09	3862877.25	0.02329	0.02374	0.0219	0.02682	4.38E-05	2.1E-06	0.00048	3E-08	0.00052	5.36E-05	2.5521E-06	0.000586	1.68E-08	6.42E-04	4.73E-05	1.96E-06	0.001115	1.73E-08	0.001165
4974	493363.09	3862877.25	0.02313	0.02382	0.02195	0.0271	4.35E-05	2.1E-06	0.00048	3E-08	0.00052	5.33E-05	2.5607E-06	0.000587	1.69E-08	6.43E-04	4.7E-05	1.97E-06	0.001118	1.75E-08	0.001167
4975	493863.09	3862877.25	0.02231	0.02297	0.02112	0.02578	4.19E-05	2E-06	0.00046	2.9E-08	0.0005	5.14E-05	2.46933E-06	0.000565	1.61E-08	6.19E-04	4.53E-05	1.9E-06	0.001076	1.67E-08	0.001123
4976	494363.09	3862877.25	0.02138	0.02192	0.02005	0.02433	4.02E-05	1.9E-06	0.00044	2.7E-08	0.00048	4.92E-05	2.35645E-06	0.000536	1.52E-08	5.88E-04	4.34E-05	1.81E-06	0.001021	1.57E-08	0.001066
4977	494863.09	3862877.25	0.02069	0.02125	0.01933	0.02367	3.89E-05	1.9E-06	0.00042	2.6E-08	0.00046	4.76E-05	2.28442E-06	0.000517	1.48E-08	5.67E-04	4.2E-05	1.76E-06	0.000984	1.53E-08	0.001028
4978	495363.09	3862877.25	0.02047	0.02111	0.0191	0.0236	3.85E-05	1.9E-06	0.00041	2.6E-08	0.00046	4.71E-05	2.26937E-06	0.000511	1.48E-08	5.60E-04	4.16E-05	1.75E-06	0.000973	1.52E-08	0.001016
4979	495863.09	3862877.25	0.02056	0.02129	0.01903	0.02377	3.86E-05	1.9E-06	0.00041	2.7E-08	0.00045	4.73E-05	2.28872E-06	0.000509	1.49E-08	5.59E-04	4.17E-05	1.76E-06	0.000969	1.54E-08	0.001013
4980	496363.09	3862877.25	0.0208	0.02173	0.01909	0.02425	3.91E-05	1.9E-06	0.00041	2.7E-08	0.00046	4.79E-05	2.33602E-06	0.000511	1.52E-08	5.61E-04	4.22E-05	1.8E-06	0.000972	1.57E-08	0.001016
4981	496863.09	3862877.25	0.02109	0.02235	0.01942	0.02504	3.96E-05	2E-06	0.00042	2.8E-08	0.00046	4.86E-05	2.40268E-06	0.000519	1.57E-08	5.70E-04	4.28E-05	1.85E-06	0.000989	1.62E-08	0.001034
4982	497363.09	3862877.25	0.02128	0.02282	0.01987	0.02575	4.00E-05	2E-06	0.00043	2.9E-08	0.00047	4.90E-05	2.4532E-06	0.000531	1.61E-08	5.83E-04	4.32E-05	1.89E-06	0.001012	1.66E-08	0.001057
4983	497863.09	3862877.25	0.02141	0.0231	0.02029	0.02616	4.02E-05	2E-06	0.00044	2.9E-08	0.00048	4.93E-05	2.4833E-06	0.000543	1.64E-08	5.94E-04	4.35E-05	1.91E-06	0.001033	1.69E-08	0.001079
4984	498363.09	3862877.25	0.02146	0.02319	0.02053	0.02621	4.03E-05	2E-06	0.00045	2.9E-08	0.00049	4.94E-05	2.49298E-06	0.000549	1.64E-08	6.01E-04	4.36E-05	1.92E-06	0.001046	1.69E-08	0.001091
4985	471363.09	3863377.25	0.00895	0.00813	0.00904	0.00901	1.68E-05	7.1E-07	0.0002	1E-08	0.00021	2.06E-05	8.73993E-07	0.000242	5.64E-09	2.63E-04	1.82E-05	6.72E-07	0.00046	5.82E-09	0.000479
4986	471863.09	3863377.25	0.00924	0.00846	0.00929	0.00922	1.74E-05	7.4E-07	0.0002	1E-08	0.00022	2.13E-05	9.09469E-07	0.000248	5.77E-09	2.71E-04	1.88E-05	7E-07	0.000473	5.96E-09	0.000493
4987	472363.09	3863377.25	0.00955	0.00888	0.00957	0.00942	1.79E-05	7.8E-07	0.00021	1.1E-08	0.00023	2.20E-05	9.5462E-07	0.000256	5.89E-09	2.79E-04	1.94E-05	7.34E-07	0.000487	6.09E-09	0.000508
4988	472863.09	3863377.25	0.00985	0.00934	0.00986	0.00966	1.85E-05	8.2E-07	0.00021	1.1E-08	0.00023	2.27E-05	1.00407E-06	0.000264	6.04E-09	2.87E-04	2E-05	7.72E-07	0.000502	6.24E-09	0.000523
4989	473363.09	3863377.25	0.01017	0.00985	0.01017	0.00996	1.91E-05	8.6E-07	0.00022	1.1E-08	0.00024	2.34E-05	1.0589E-06	0.000272	6.23E-09	2.96E-04	2.06E-05	8.15E-07	0.000518	6.43E-09	0.000539
4990	473863.09	3863377.25	0.01051	0.01047	0.01047	0.01029	1.98E-05	9.2E-07	0.00023	1.1E-08	0.00025	2.42E-05	1.12555E-06	0.00028	6.44E-09	3.05E-04	2.13E-05	8.66E-07	0.000533	6.65E-09	0.000555
4991	474363.09	3863377.25	0.01085	0.01113	0.01076	0.01064	2.04E-05	9.8E-07	0.00023	1.2E-08	0.00026	2.50E-05	1.1965E-06	0.000288	6.65E-09	3.14E-04	2.2E-05	9.2E-07	0.000548	6.87E-09	0.000571
4992	474863.09	3863377.25	0.01116	0.01165	0.01097	0.01105	2.10E-05	1E-06	0.00024	1.2E-08	0.00026	2.57E-05	1.2524E-06	0.000293	6.91E-09	3.20E-04	2.27E-05	9.63E-07	0.000559	7.14E-09	0.000582
4993	475363.09	3863377.25	0.01153	0.01205	0.01121	0.01141	2.17E-05	1.1E-06	0.00024	1.3E-08	0.00027	2.66E-05	1.2954E-06	0.0003	7.14E-09	3.28E-04	2.34E-05	9.97E-07	0.000571	7.37E-09	0.000595
4994	475863.09	3863377.25	0.01192	0.01227	0.01147	0.01176	2.24E-05	1.1E-06	0.00025	1.3E-08	0.00027	2.74E-05	1.31905E-06	0.000307	7.36E-09	3.36E-04	2.42E-05	1.01E-06	0.000584	7.6E-09	0.000609
4995	476363.09	3863377.25	0.01236	0.01237	0.01179	0.01212	2.32E-05	1.1E-06	0.00026	1.4E-08	0.00028	2.85E-05	1.3298E-06	0.000315	7.58E-09	3.45E-04	2.51E-05	1.02E-06	0.0006	7.83E-09	0.000627
4996	476863.09	3863377.25	0.01287	0.01252	0.01226	0.01241	2.42E-05	1.1E-06	0.00027	1.4E-08	0.00029	2.96E-05	1.34593E-06	0.000328	7.76E-09	3.59E-04	2.61E-05	1.04E-06	0.000624	8.02E-09	0.000652
4997	477363.09	3863377.25	0.01347	0.01278	0.01289	0.01263	2.53E-05	1.1E-06	0.00028	1.4E-08	0.00031	3.10E-05	1.37388E-06	0.000345	7.9E-09	3.77E-04	2.73E-05	1.06E-06	0.000656	8.16E-09	0.000685
4998	477863.09	3863377.25	0.01403	0.01312	0.01363	0.01267	2.64E-05	1.2E-06	0.0003	1.4E-08	0.00032	3.23E-05	1.41043E-06	0.000365	7.92E-09	3.98E-04	2.85E-05	1.09E-06	0.000694	8.18E-09	0.000724

4999	478363.09	3863377.25	0.01427	0.01328	0.01414	0.01202	2.68E-05	1.2E-06	0.00031	1.3E-08	0.00034	3.29E-05	1.42763E-06	0.000378	7.52E-09	4.12E-04	2.9E-05	1.1E-06	0.00072	7.76E-09	0.00075
5000	478863.09	3863377.25	0.01511	0.01455	0.01491	0.01292	2.84E-05	1.3E-06	0.00032	1.4E-08	0.00035	3.48E-05	1.56416E-06	0.000399	8.08E-09	4.35E-04	3.07E-05	1.2E-06	0.000759	8.35E-09	0.000791
5001	479363.09	3863377.25	0.01608	0.01567	0.01582	0.01443	3.02E-05	1.4E-06	0.00034	1.6E-08	0.00038	3.70E-05	1.68456E-06	0.000423	9.03E-09	4.62E-04	3.26E-05	1.3E-06	0.000806	9.32E-09	0.00084
5002	479863.09	3863377.25	0.01663	0.01604	0.01641	0.01583	3.13E-05	1.4E-06	0.00036	1.8E-08	0.00039	3.83E-05	1.72434E-06	0.000439	9.9E-09	4.79E-04	3.38E-05	1.33E-06	0.000836	1.02E-08	0.000871
5003	480363.09	3863377.25	0.01726	0.01602	0.01719	0.01686	3.24E-05	1.4E-06	0.00037	1.9E-08	0.00041	3.97E-05	1.72219E-06	0.00046	1.05E-08	5.01E-04	3.5E-05	1.32E-06	0.000875	1.09E-08	0.000912
5004	480863.09	3863377.25	0.01793	0.01574	0.01803	0.01787	3.37E-05	1.4E-06	0.00039	2E-08	0.00043	4.13E-05	1.69209E-06	0.000482	1.12E-08	5.25E-04	3.64E-05	1.3E-06	0.000918	1.15E-08	0.000956
5005	481363.09	3863377.25	0.01842	0.01617	0.0185	0.01872	3.46E-05	1.4E-06	0.0004	2.1E-08	0.00044	4.24E-05	1.73831E-06	0.000495	1.17E-08	5.39E-04	3.74E-05	1.34E-06	0.000942	1.21E-08	0.000981
5006	481863.09	3863377.25	0.0191	0.01799	0.01901	0.01935	3.59E-05	1.6E-06	0.00041	2.2E-08	0.00045	4.40E-05	1.93397E-06	0.000508	1.21E-08	5.54E-04	3.88E-05	1.49E-06	0.000968	1.25E-08	0.001008
5007	482363.09	3863377.25	0.01982	0.01914	0.01967	0.02007	3.72E-05	1.7E-06	0.00043	2.2E-08	0.00047	4.56E-05	2.05759E-06	0.000526	1.26E-08	5.74E-04	4.02E-05	1.58E-06	0.001002	1.3E-08	0.001044
5008	482863.09	3863377.25	0.02034	0.01903	0.02017	0.02108	3.82E-05	1.7E-06	0.00044	2.4E-08	0.00048	4.68E-05	2.04577E-06	0.000539	1.32E-08	5.88E-04	4.13E-05	1.57E-06	0.001027	1.36E-08	0.00107
5009	483363.09	3863377.25	0.02076	0.0199	0.02041	0.02185	3.90E-05	1.7E-06	0.00044	2.4E-08	0.00048	4.78E-05	2.13929E-06	0.000546	1.37E-08	5.96E-04	4.22E-05	1.65E-06	0.001039	1.41E-08	0.001083
5010	483863.09	3863377.25	0.02106	0.02078	0.02053	0.02223	3.96E-05	1.8E-06	0.00045	2.5E-08	0.00049	4.85E-05	2.2339E-06	0.000549	1.39E-08	6.00E-04	4.28E-05	1.72E-06	0.001046	1.44E-08	0.00109
5011	484363.09	3863377.25	0.02119	0.02008	0.02054	0.02257	3.98E-05	1.8E-06	0.00045	2.5E-08	0.00049	4.88E-05	2.15864E-06	0.000549	1.41E-08	6.00E-04	4.3E-05	1.66E-06	0.001046	1.46E-08	0.001091
5012	484863.09	3863377.25	0.02123	0.01844	0.02053	0.02267	3.99E-05	1.6E-06	0.00045	2.5E-08	0.00049	4.89E-05	1.98234E-06	0.000549	1.42E-08	6.00E-04	4.31E-05	1.52E-06	0.001046	1.46E-08	0.00109
5013	485363.09	3863377.25	0.02096	0.01906	0.01993	0.02211	3.94E-05	1.7E-06	0.00043	2.5E-08	0.00047	4.83E-05	2.04899E-06	0.000533	1.38E-08	5.83E-04	4.26E-05	1.58E-06	0.001015	1.43E-08	0.001059
5014	485863.09	3863377.25	0.02083	0.01989	0.01942	0.02152	3.91E-05	1.7E-06	0.00042	2.4E-08	0.00046	4.80E-05	2.13822E-06	0.000519	1.35E-08	5.70E-04	4.23E-05	1.64E-06	0.000989	1.39E-08	0.001033
5015	486363.09	3863377.25	0.02072	0.01962	0.01921	0.02135	3.89E-05	1.7E-06	0.00042	2.4E-08	0.00046	4.77E-05	2.10919E-06	0.000514	1.34E-08	5.64E-04	4.21E-05	1.62E-06	0.000978	1.38E-08	0.001022
5016	486863.09	3863377.25	0.02055	0.01968	0.01902	0.02098	3.86E-05	1.7E-06	0.00041	2.3E-08	0.00045	4.73E-05	2.11564E-06	0.000509	1.31E-08	5.58E-04	4.17E-05	1.63E-06	0.000969	1.36E-08	0.001012
5017	487363.09	3863377.25	0.02041	0.0183	0.01904	0.0209	3.84E-05	1.6E-06	0.00041	2.3E-08	0.00045	4.70E-05	1.96729E-06	0.000509	1.31E-08	5.58E-04	4.14E-05	1.51E-06	0.00097	1.35E-08	0.001013
5018	487863.09	3863377.25	0.02022	0.01726	0.01911	0.02078	3.80E-05	1.5E-06	0.00041	2.3E-08	0.00045	4.66E-05	1.85549E-06	0.000511	1.3E-08	5.60E-04	4.11E-05	1.43E-06	0.000973	1.34E-08	0.001016
5019	488363.09	3863377.25	0.02009	0.01801	0.01898	0.02075	3.78E-05	1.6E-06	0.00041	2.3E-08	0.00045	4.63E-05	1.93612E-06	0.000508	1.3E-08	5.56E-04	4.08E-05	1.49E-06	0.000967	1.34E-08	0.001009
5020	488863.09	3863377.25	0.01992	0.0193	0.01856	0.02098	3.74E-05	1.7E-06	0.0004	2.3E-08	0.00044	4.59E-05	2.07479E-06	0.000496	1.31E-08	5.44E-04	4.04E-05	1.6E-06	0.000945	1.36E-08	0.000987
5021	489363.09	3863377.25	0.01971	0.01922	0.01827	0.02098	3.70E-05	1.7E-06	0.0004	2.3E-08	0.00044	4.54E-05	2.06619E-06	0.000489	1.31E-08	5.36E-04	4E-05	1.59E-06	0.000931	1.36E-08	0.000972
5022	489863.09	3863377.25	0.01967	0.01854	0.01837	0.02097	3.70E-05	1.6E-06	0.0004	2.3E-08	0.00044	4.53E-05	1.99309E-06	0.000491	1.31E-08	5.39E-04	3.99E-05	1.53E-06	0.000936	1.35E-08	0.000977
5023	490363.09	3863377.25	0.01976	0.01873	0.0186	0.0213	3.71E-05	1.6E-06	0.0004	2.4E-08	0.00044	4.55E-05	2.01352E-06	0.000497	1.33E-08	5.45E-04	4.01E-05	1.55E-06	0.000947	1.38E-08	0.000989
5024	490863.09	3863377.25	0.02003	0.0197	0.01878	0.02187	3.76E-05	1.7E-06	0.00041	2.4E-08	0.00045	4.61E-05	2.11779E-06	0.000502	1.37E-08	5.51E-04	4.07E-05	1.63E-06	0.000956	1.41E-08	0.000999
5025	491363.09	3863377.25	0.02012	0.01974	0.01893	0.02207	3.78E-05	1.7E-06	0.00041	2.5E-08	0.00045	4.63E-05	2.12209E-06	0.000506	1.38E-08	5.55E-04	4.09E-05	1.63E-06	0.000964	1.43E-08	0.001007
5026	491863.09	3863377.25	0.02019	0.01986	0.01903	0.02235	3.79E-05	1.7E-06	0.00041	2.5E-08	0.00045	4.65E-05	2.13499E-06	0.000509	1.4E-08	5.58E-04	4.1E-05	1.64E-06	0.000969	1.44E-08	0.001012
5027	492363.09	3863377.25	0.02039	0.02034	0.01902	0.02249	3.83E-05	1.8E-06	0.00041	2.5E-08	0.00045	4.70E-05	2.1866E-06	0.000509	1.41E-08	5.58E-04	4.14E-05	1.68E-06	0.000969	1.45E-08	0.001012
5028	492863.09	3863377.25	0.02095	0.02115	0.01957	0.02285	3.94E-05	1.9E-06	0.00042	2.6E-08	0.00047	4.82E-05	2.27367E-06	0.000523	1.43E-08	5.74E-04	4.25E-05	1.75E-06	0.000997	1.48E-08	0.001041
5029	493363.09	3863377.25	0.02159	0.02214	0.02047	0.02402	4.06E-05	1.9E-06	0.00044	2.7E-08	0.00049	4.97E-05	2.3801E-06	0.000547	1.5E-08	6.00E-04	4.38E-05	1.83E-06	0.001043	1.55E-08	0.001088
5030	493863.09	3863377.25	0.02141	0.02217	0.02049	0.02434	4.02E-05	1.9E-06	0.00044	2.7E-08	0.00049	4.93E-05	2.38332E-06	0.000548	1.52E-08	6.00E-04	4.35E-05	1.83E-06	0.001044	1.57E-08	0.001089
5031	494363.09	3863377.25	0.02041	0.02108	0.01949	0.0232	3.84E-05	1.8E-06	0.00042	2.6E-08	0.00046	4.70E-05	2.26615E-06	0.000521	1.45E-08	5.71E-04	4.14E-05	1.74E-06	0.000993	1.5E-08	0.001036
5032	494863.09	3863377.25	0.01961	0.02017	0.01857	0.02189	3.69E-05	1.8E-06	0.0004	2.4E-08	0.00044	4.52E-05	2.16832E-06	0.000497	1.37E-08	5.44E-04	3.98E-05	1.67E-06	0.000946	1.41E-08	0.000987
5033	495363.09	3863377.25	0.0192	0.01977	0.01809	0.02129	3.61E-05	1.7E-06	0.00039	2.4E-08	0.00043	4.42E-05	2.12532E-06	0.000484	1.33E-08	5.30E-04	3.9E-05	1.63E-06	0.000921	1.38E-08	0.000962
5034	495863.09	3863377.25	0.01903	0.0197	0.01794	0.02122	3.58E-05	1.7E-06	0.00039	2.4E-08	0.00043	4.38E-05	2.11779E-06	0.00048	1.33E-08	5.26E-04	3.86E-05	1.63E-06	0.000914	1.37E-08	0.000954
5035	496363.09	3863377.25	0.01834	0.019	0.01721	0.02098	3.45E-05	1.7E-06	0.00037	2.3E-08	0.00041	4.22E-05	2.04254E-06	0.00046	1.31E-08	5.05E-04	3.72E-05	1.57E-06	0.000877	1.36E-08	0.000915
5036	496863.09	3863377.25	0.01809	0.01883	0.01683	0.02087	3.40E-05	1.7E-06	0.00037	2.3E-08	0.0004	4.17E-05	2.02427E-06	0.00045	1.31E-08	4.94E-04	3.67E-05	1.56E-06	0.000857	1.35E-08	0.000895
5037	497363.09	3863377.25	0.0183	0.01925	0.01693	0.02135	3.44E-05	1.7E-06	0.00037	2.4E-08	0.0004	4.21E-05	2.06942E-06	0.000453	1.34E-08	4.97E-04	3.72E-05	1.59E-06	0.000862	1.38E-08	0.000901
5038	497863.09	3863377.25	0.01861	0.01983	0.01732	0.0221	3.50E-05	1.7E-06	0.00038	2.5E-08	0.00041	4.29E-05	2.13177E-06	0.000463	1.38E-08	5.08E-04	3.78E-05	1.64E-06	0.000882	1.43E-08	0.000922
5039	498363.09	3863377.25	0.01882	0.02026	0.01775	0.02272	3.54E-05	1.8E-06	0.00039	2.5E-08	0.00042	4.33E-05	2.178E-06	0.000475	1.42E-08	5.20E-04	3.82E-05	1.68E-06	0.000904	1.47E-08	0.000944
5040	471363.09	3863877.25	0.00857	0.00789	0.00859	0.0085	1.61E-05	6.9E-07	0.00019	9.5E-09	0.0002	1.97E-05	8.48193E-07	0.00023	5.32E-09	2.50E-04	1.74E-05	6.52E-07	0.000437	5.49E-09	0.000456
5041	471863.09	3863877.25	0.00885	0.00833	0.00885	0.00863	1.66E-05	7.3E-07	0.00019	9.6E-09	0.00021	2.04E-05	8.95494E-07	0.000237	5.4E-09	2.58E-04	1.8E-05	6.89E-07	0.000451	5.57E-09	0.000469
5042	472363.09	3863877.25	0.0091	0.0088	0.00909	0.00887	1.71E-05	7.7E-07	0.0002	9.9E-09	0.00022	2.10E-05	9.4602E-07	0.000243	5.55E-09	2.65E-04	1.85E-05	7.28E-07	0.000463	5.73E-09	0.000482
5043	472863.09	3863877.25	0.00936	0.00934	0.00932	0.00916	1.76E-05	8.2E-07	0.0002	1E-08	0.00022	2.16E-05	1.00407E-06	0.000249	5.73E-09	2.72E-04	1.9E-05	7.72E-07	0.000475	5.92E-09	0.000494
5044	473363.09	3863877.25	0.00961	0.0099	0.00952	0.00949	1.81E-05	8.7E-07	0.00021	1.1E-08	0.00023	2.21E-05	1.06427E-06	0.000255	5.94E-09	2.78E-04	1.95E-05	8.19E-07	0.000485	6.13E-09	0.000505
5045	473863.09	3863877.25	0.0099	0.01042	0.00974	0.00979	1.86E-05	9.1E-07	0.00021	1.1E-08	0.00023	2.28E-05	1.12017E-06	0.000261	6.12E-09	2.84E-04	2.01E-05	8.62E-07	0.000496	6.32E-09	0.000517
5046	474363.09	3863877.25	0.01017	0.01072	0.00993	0.01011	1.91E-05	9.4E-07	0.00022	1.1E-08	0.00024	2.34E-05	1.15242E-06	0.000266	6.32E-09	2.90E-04	2.06E-05	8.87E-07	0.000506	6.53E-09	0.000527
5047	474863.09	3863877.25	0.01044	0.01075	0.01009	0.01046	1.96E-05	9.4E-07	0.00022	1.2E-08	0.00024	2.40E-05	1.15565E-06	0.00027	6.54E-09	2.95E-04	2.12E-05	8.89E-07	0.000514	6.76E-09	0.000536
5048	475363.09	3863877.25	0.01079	0.01072	0.01035	0.01073	2.03E-05	9.4E-07	0.00022	1.2E-08	0.00025	2.48E-05	1.15242E-06	0.000277	6.71E-09	3.03E-04	2.19E-05	8.87E-07	0.000527	6.93E-09	0.00055
5049	475863.09	3863877.25	0.01114	0.01068	0.01062	0.01096	2.09E-05	9.4E-07	0.00023	1.2E-08	0.00025	2.57E-05	1.14812E-06	0.000284	6.85E-09	3.11E-04	2.26E-05	8.83E-07	0.000541	7.08E-09	0.000564
5050	476363.09	3863877.25	0.01159	0.01091	0.01105	0.01112	2.18E-05	9.6E-07	0.00024	1.2E-08	0.00026	2.67E-05	1.17285E-06	0.000296	6.95E-09	3.23E-04	2.35E-05	9.02E-07	0.000563	7.18E-09	0.000587
5051	476863.09	3863877.25	0.01206	0.0113	0.01155	0.01132	2.27E-05	9.9E-07	0.00025	1.3E-08	0.00027	2.78E-05	1.21478E-06	0.000309	7.08E-09	3.38E-04	2.45E-05	9.34E-07	0.000588	7.31E-09	0.000614
5052	477363.09	3863877.25	0.0126	0.01177	0.01217	0.01161	2.37E-05	1E-06	0.00026	1.3E-08	0.00029	2.90E-05	1.2653E-06	0.000325	7.26E-09	3.56E-04	2.56E-05	9.73E-07	0.00062	7.5E-09	0.000646
5053	477863.09	3863877.25	0.01321	0.01232	0.01284	0.01199	2.48E-05	1.1E-06	0.00028	1.3E-08	0.0003	3.04E-05	1.32443E-06	0.000343	7.5E-09	3.75E-04	2.68E-05	1.02E-06	0.000654	7.75E-09	0.000682
5054	478363.09	3863877.25	0.01373	0.01311	0.01344	0.01204	2.58E-05	1.2E-06	0.00029	1.3E-08	0.00032	3.16E-05	1.40935E-06	0.000359	7.53E-09	3.92E-04	2.79E-05	1.08E-06	0.000685	7.78E-09	0.000713
5055	478863.09	3863877.25	0.01437	0.01388	0.01407	0.01315	2.70E-05	1.2E-06	0.00031	1.5E-08	0.00033	3.31E-05	1.49213E-06	0.000376	8.22E-09	4.11E-04	2.92E-05	1.15E-06	0.000717	8.49E-09	0.000747
5056	479363.09	3863877.25	0.01485	0.01434	0.01465	0.01404	2.79E-05	1.3E-06	0.00032	1.6E-08	0.00035	3.42E-05	1.54158E-06	0.000392	8.78E-09	4.28E-04	3.02E-05	1.19E-06	0.000746	9.07E-09	0.000777
5057	479863.09	3863877.25	0.01537	0.01444	0.01529	0.01489	2.89E-05	1.3E-06	0.00033	1.7E-08	0.00036	3.54E-05	1.55233E-06	0.000409	9.31E-09	4.46E-04	3.12E-05	1.19E-06	0.000779	9.62E-09	0.000811
5058	480363.09	3863877.25	0.01588	0.01425	0.01595	0.01571	2.98E-05	1.3E-06	0.00035	1.8E-08	0.00038	3.66E-05	1.53191E-06	0.000427	9.83E-09	4.65E-04	3.22E-05	1.18E-06	0.000812	1.01E-08	0.000846
5059	480863.09	3863877.25	0.01643	0.01438	0.01655	0.01652	3.09E-05	1.3E-06	0.00036	1.8E-08	0.00039	3.78E-05	1.54588E-06	0.000443	1.03E-08	4.82E-04	3.34E-05	1.19E-06	0.000843	1.07E-08	0.000877

5060	481363.09	3863877.25	0.01691	0.01541	0.01688	0.01714	3.18E-05	1.4E-06	0.00037	1.9E-08	0.0004	3.89E-05	1.65661E-06	0.000451	1.07E-08	4.92E-04	3.43E-05	1.27E-06	0.00086	1.11E-08	0.000895
5061	481863.09	3863877.25	0.01745	0.01673	0.01726	0.01765	3.28E-05	1.5E-06	0.00037	2E-08	0.00041	4.02E-05	1.79851E-06	0.000462	1.1E-08	5.04E-04	3.54E-05	1.38E-06	0.000879	1.14E-08	0.000916
5062	482363.09	3863877.25	0.01803	0.01713	0.01786	0.01837	3.39E-05	1.5E-06	0.00039	2.1E-08	0.00042	4.15E-05	1.84151E-06	0.000478	1.15E-08	5.21E-04	3.66E-05	1.42E-06	0.00091	1.19E-08	0.000948
5063	482863.09	3863877.25	0.01837	0.01731	0.01814	0.01913	3.45E-05	1.5E-06	0.00039	2.1E-08	0.00043	4.23E-05	1.86086E-06	0.000485	1.2E-08	5.29E-04	3.73E-05	1.43E-06	0.000924	1.24E-08	0.000963
5064	483363.09	3863877.25	0.01864	0.01815	0.01822	0.01955	3.50E-05	1.6E-06	0.0004	2.2E-08	0.00043	4.29E-05	1.95117E-06	0.000487	1.22E-08	5.32E-04	3.78E-05	1.5E-06	0.000928	1.26E-08	0.000967
5065	483863.09	3863877.25	0.01891	0.0185	0.01835	0.01985	3.55E-05	1.6E-06	0.0004	2.2E-08	0.00044	4.35E-05	1.98879E-06	0.000491	1.24E-08	5.36E-04	3.84E-05	1.53E-06	0.000935	1.28E-08	0.000975
5066	484363.09	3863877.25	0.01896	0.01735	0.01841	0.02007	3.56E-05	1.5E-06	0.0004	2.2E-08	0.00044	4.37E-05	1.86516E-06	0.000492	1.26E-08	5.38E-04	3.85E-05	1.43E-06	0.000938	1.3E-08	0.000978
5067	484863.09	3863877.25	0.01894	0.01631	0.01839	0.01999	3.56E-05	1.4E-06	0.0004	2.2E-08	0.00044	4.36E-05	1.75336E-06	0.000492	1.25E-08	5.37E-04	3.85E-05	1.35E-06	0.000937	1.29E-08	0.000976
5068	485363.09	3863877.25	0.01878	0.01729	0.0179	0.01951	3.53E-05	1.5E-06	0.00039	2.2E-08	0.00043	4.32E-05	1.85871E-06	0.000479	1.22E-08	5.24E-04	3.81E-05	1.43E-06	0.000912	1.26E-08	0.000951
5069	485863.09	3863877.25	0.0187	0.01755	0.01754	0.01915	3.51E-05	1.5E-06	0.00038	2.1E-08	0.00042	4.31E-05	1.88666E-06	0.000469	1.2E-08	5.14E-04	3.8E-05	1.45E-06	0.000893	1.24E-08	0.000933
5070	486363.09	3863877.25	0.01844	0.01733	0.01719	0.01884	3.47E-05	1.5E-06	0.00037	2.1E-08	0.00041	4.25E-05	1.86301E-06	0.00046	1.18E-08	5.04E-04	3.74E-05	1.43E-06	0.000875	1.22E-08	0.000914
5071	486863.09	3863877.25	0.0183	0.01752	0.01699	0.01839	3.44E-05	1.5E-06	0.00037	2.1E-08	0.0004	4.21E-05	1.88344E-06	0.000454	1.15E-08	4.98E-04	3.72E-05	1.45E-06	0.000865	1.19E-08	0.000904
5072	487363.09	3863877.25	0.0182	0.01643	0.01705	0.01838	3.42E-05	1.4E-06	0.00037	2.1E-08	0.00041	4.19E-05	1.76626E-06	0.000456	1.15E-08	5.00E-04	3.7E-05	1.36E-06	0.000868	1.19E-08	0.000907
5073	487863.09	3863877.25	0.01807	0.01544	0.01719	0.01834	3.40E-05	1.4E-06	0.00037	2E-08	0.00041	4.16E-05	1.65983E-06	0.00046	1.15E-08	5.03E-04	3.67E-05	1.28E-06	0.000875	1.18E-08	0.000913
5074	488363.09	3863877.25	0.01801	0.01586	0.01718	0.01838	3.38E-05	1.4E-06	0.00037	2.1E-08	0.00041	4.15E-05	1.70499E-06	0.000459	1.15E-08	5.03E-04	3.66E-05	1.31E-06	0.000875	1.19E-08	0.000913
5075	488863.09	3863877.25	0.01786	0.01691	0.01685	0.01862	3.36E-05	1.5E-06	0.00037	2.1E-08	0.0004	4.11E-05	1.81786E-06	0.000451	1.16E-08	4.94E-04	3.63E-05	1.4E-06	0.000858	1.2E-08	0.000896
5076	489363.09	3863877.25	0.01765	0.01724	0.01645	0.01858	3.32E-05	1.5E-06	0.00036	2.1E-08	0.00039	4.06E-05	1.85334E-06	0.00044	1.16E-08	4.82E-04	3.58E-05	1.43E-06	0.000838	1.2E-08	0.000875
5077	489863.09	3863877.25	0.01756	0.01679	0.0164	0.01843	3.30E-05	1.5E-06	0.00036	2.1E-08	0.00039	4.04E-05	1.80496E-06	0.000439	1.15E-08	4.81E-04	3.57E-05	1.39E-06	0.000835	1.19E-08	0.000872
5078	490363.09	3863877.25	0.01757	0.01646	0.01661	0.01864	3.30E-05	1.4E-06	0.00036	2.1E-08	0.0004	4.05E-05	1.76949E-06	0.000444	1.17E-08	4.86E-04	3.57E-05	1.36E-06	0.000846	1.2E-08	0.000883
5079	490863.09	3863877.25	0.01771	0.01708	0.01676	0.01909	3.33E-05	1.5E-06	0.00036	2.1E-08	0.0004	4.08E-05	1.83614E-06	0.000448	1.19E-08	4.91E-04	3.6E-05	1.41E-06	0.000854	1.23E-08	0.000891
5080	491363.09	3863877.25	0.01788	0.01762	0.01684	0.01943	3.36E-05	1.5E-06	0.00037	2.2E-08	0.0004	4.12E-05	1.89419E-06	0.00045	1.22E-08	4.93E-04	3.63E-05	1.46E-06	0.000858	1.26E-08	0.000895
5081	491863.09	3863877.25	0.01852	0.01817	0.01755	0.01987	3.48E-05	1.6E-06	0.00038	2.2E-08	0.00042	4.26E-05	1.95332E-06	0.000469	1.24E-08	5.14E-04	3.76E-05	1.5E-06	0.000894	1.28E-08	0.000933
5082	492363.09	3863877.25	0.01899	0.01888	0.01807	0.02026	3.57E-05	1.7E-06	0.00039	2.3E-08	0.00043	4.37E-05	2.02964E-06	0.000483	1.27E-08	5.29E-04	3.86E-05	1.56E-06	0.00092	1.31E-08	0.00096
5083	492863.09	3863877.25	0.01901	0.01919	0.01795	0.01927	3.57E-05	1.7E-06	0.00039	2.2E-08	0.00043	4.38E-05	2.06297E-06	0.00048	1.21E-08	5.26E-04	3.86E-05	1.59E-06	0.000914	1.24E-08	0.000954
5084	493363.09	3863877.25	0.01903	0.01946	0.01807	0.01907	3.58E-05	1.7E-06	0.00039	2.1E-08	0.00043	4.38E-05	2.09199E-06	0.000483	1.19E-08	5.29E-04	3.86E-05	1.61E-06	0.00092	1.23E-08	0.000961
5085	493863.09	3863877.25	0.01948	0.01999	0.01856	0.02135	3.66E-05	1.8E-06	0.0004	2.4E-08	0.00044	4.49E-05	2.14897E-06	0.000496	1.34E-08	5.43E-04	3.96E-05	1.65E-06	0.000945	1.38E-08	0.000986
5086	494363.09	3863877.25	0.01934	0.02	0.01856	0.02188	3.63E-05	1.8E-06	0.0004	2.4E-08	0.00044	4.45E-05	2.15004E-06	0.000496	1.37E-08	5.43E-04	3.93E-05	1.65E-06	0.000945	1.41E-08	0.000986
5087	494863.09	3863877.25	0.01862	0.01928	0.0179	0.02083	3.50E-05	1.7E-06	0.00039	2.3E-08	0.00043	4.29E-05	2.07264E-06	0.000479	1.3E-08	5.24E-04	3.78E-05	1.59E-06	0.000912	1.35E-08	0.000951
5088	495363.09	3863877.25	0.01782	0.01837	0.01702	0.01949	3.35E-05	1.6E-06	0.00037	2.2E-08	0.0004	4.10E-05	1.97482E-06	0.000455	1.22E-08	4.98E-04	3.62E-05	1.52E-06	0.000867	1.26E-08	0.000905
5089	495863.09	3863877.25	0.01729	0.01779	0.0164	0.01875	3.25E-05	1.6E-06	0.00036	2.1E-08	0.00039	3.98E-05	1.91246E-06	0.000439	1.17E-08	4.80E-04	3.51E-05	1.47E-06	0.000835	1.21E-08	0.000872
5090	496363.09	3863877.25	0.01679	0.01734	0.01592	0.01871	3.16E-05	1.5E-06	0.00035	2.1E-08	0.00038	3.87E-05	1.86409E-06	0.000426	1.17E-08	4.66E-04	3.41E-05	1.43E-06	0.000811	1.21E-08	0.000846
5091	496863.09	3863877.25	0.01645	0.01706	0.0156	0.01864	3.09E-05	1.5E-06	0.00034	2.1E-08	0.00037	3.79E-05	1.83399E-06	0.000417	1.17E-08	4.57E-04	3.34E-05	1.41E-06	0.000795	1.2E-08	0.000829
5092	497363.09	3863877.25	0.01629	0.01695	0.01535	0.01859	3.06E-05	1.5E-06	0.00033	2.1E-08	0.00037	3.75E-05	1.82216E-06	0.000411	1.16E-08	4.50E-04	3.31E-05	1.4E-06	0.000782	1.2E-08	0.000816
5093	497863.09	3863877.25	0.01635	0.01711	0.01526	0.01877	3.07E-05	1.5E-06	0.00033	2.1E-08	0.00036	3.77E-05	1.83936E-06	0.000408	1.17E-08	4.48E-04	3.32E-05	1.41E-06	0.000777	1.21E-08	0.000812
5094	498363.09	3863877.25	0.01645	0.01741	0.01533	0.01917	3.09E-05	1.5E-06	0.00033	2.1E-08	0.00037	3.79E-05	1.87161E-06	0.00041	1.2E-08	4.50E-04	3.34E-05	1.44E-06	0.000781	1.24E-08	0.000816
5095	471363.09	3864377.25	0.0082	0.00791	0.00818	0.008	1.54E-05	6.9E-07	0.00018	8.9E-09	0.00019	1.89E-05	8.50343E-07	0.000219	5E-09	2.39E-04	1.66E-05	6.54E-07	0.000417	5.17E-09	0.000434
5096	471863.09	3864377.25	0.00842	0.0084	0.00838	0.00821	1.58E-05	7.4E-07	0.00018	9.2E-09	0.0002	1.94E-05	9.03019E-07	0.000224	5.13E-09	2.44E-04	1.71E-05	6.95E-07	0.000427	5.3E-09	0.000445
5097	472363.09	3864377.25	0.00864	0.00891	0.00856	0.00846	1.62E-05	7.8E-07	0.00019	9.5E-09	0.0002	1.99E-05	9.57845E-07	0.000229	5.29E-09	2.50E-04	1.75E-05	7.37E-07	0.000436	5.46E-09	0.000454
5098	472863.09	3864377.25	0.00886	0.00938	0.00872	0.00873	1.66E-05	8.2E-07	0.00019	9.8E-09	0.00021	2.04E-05	1.00837E-06	0.000233	5.46E-09	2.55E-04	1.8E-05	7.76E-07	0.000444	5.64E-09	0.000463
5099	473363.09	3864377.25	0.00907	0.00964	0.00885	0.00903	1.70E-05	8.5E-07	0.00019	1E-08	0.00021	2.09E-05	1.03632E-06	0.000237	5.65E-09	2.59E-04	1.84E-05	7.97E-07	0.000451	5.83E-09	0.00047
5100	473863.09	3864377.25	0.00929	0.00967	0.00901	0.00931	1.75E-05	8.5E-07	0.0002	1E-08	0.00021	2.14E-05	1.03955E-06	0.000241	5.82E-09	2.63E-04	1.89E-05	8E-07	0.000459	6.01E-09	0.000479
5101	474363.09	3864377.25	0.00955	0.00954	0.0092	0.00955	1.79E-05	8.4E-07	0.0002	1.1E-08	0.00022	2.20E-05	1.02557E-06	0.000246	5.97E-09	2.69E-04	1.94E-05	7.89E-07	0.000469	6.17E-09	0.000489
5102	474863.09	3864377.25	0.00981	0.00935	0.00939	0.00974	1.84E-05	8.2E-07	0.0002	1.1E-08	0.00022	2.26E-05	1.00515E-06	0.000251	6.09E-09	2.75E-04	1.99E-05	7.73E-07	0.000478	6.29E-09	0.000499
5103	475363.09	3864377.25	0.01014	0.00939	0.00968	0.00987	1.91E-05	8.2E-07	0.00021	1.1E-08	0.00023	2.34E-05	1.00945E-06	0.000259	6.17E-09	2.83E-04	2.06E-05	7.77E-07	0.000493	6.38E-09	0.000514
5104	475863.09	3864377.25	0.0105	0.00969	0.01003	0.00999	1.97E-05	8.5E-07	0.00022	1.1E-08	0.00024	2.42E-05	1.0417E-06	0.000268	6.25E-09	2.93E-04	2.13E-05	8.01E-07	0.000511	6.45E-09	0.000533
5105	476363.09	3864377.25	0.01093	0.01021	0.01048	0.01017	2.05E-05	9E-07	0.00023	1.1E-08	0.00025	2.52E-05	1.0976E-06	0.00028	6.36E-09	3.07E-04	2.22E-05	8.44E-07	0.000534	6.57E-09	0.000557
5106	476863.09	3864377.25	0.01139	0.01074	0.01101	0.01044	2.14E-05	9.4E-07	0.00024	1.2E-08	0.00026	2.62E-05	1.15457E-06	0.000294	6.53E-09	3.22E-04	2.31E-05	8.88E-07	0.000561	6.74E-09	0.000585
5107	477363.09	3864377.25	0.01181	0.01109	0.01148	0.01095	2.22E-05	9.7E-07	0.00025	1.2E-08	0.00027	2.72E-05	1.1922E-06	0.000307	6.85E-09	3.35E-04	2.4E-05	9.17E-07	0.000585	7.07E-09	0.00061
5108	477863.09	3864377.25	0.01227	0.01154	0.01194	0.01151	2.31E-05	1E-06	0.00026	1.3E-08	0.00028	2.83E-05	1.24058E-06	0.000319	7.2E-09	3.49E-04	2.49E-05	9.54E-07	0.000608	7.44E-09	0.000634
5109	478363.09	3864377.25	0.01275	0.0122	0.01244	0.01205	2.40E-05	1.1E-06	0.00027	1.3E-08	0.0003	2.94E-05	1.31153E-06	0.000333	7.54E-09	3.63E-04	2.59E-05	1.01E-06	0.000634	7.78E-09	0.00066
5110	478863.09	3864377.25	0.01325	0.01273	0.01304	0.01261	2.49E-05	1.1E-06	0.00028	1.4E-08	0.00031	3.05E-05	1.3685E-06	0.000349	7.89E-09	3.81E-04	2.69E-05	1.05E-06	0.000664	8.15E-09	0.000692
5111	479363.09	3864377.25	0.01371	0.01293	0.01362	0.01324	2.58E-05	1.1E-06	0.0003	1.5E-08	0.00032	3.16E-05	1.39E-06	0.000364	8.28E-09	3.97E-04	2.78E-05	1.07E-06	0.000694	8.55E-09	0.000723
5112	479863.09	3864377.25	0.01424	0.01301	0.01427	0.01392	2.68E-05	1.1E-06	0.00031	1.6E-08	0.00034	3.28E-05	1.3986E-06	0.000382	8.71E-09	4.16E-04	2.89E-05	1.08E-06	0.000727	8.99E-09	0.000757
5113	480363.09	3864377.25	0.01475	0.01311	0.01487	0.01464	2.77E-05	1.2E-06	0.00032	1.6E-08	0.00035	3.40E-05	1.40935E-06	0.000398	9.16E-09	4.33E-04	2.99E-05	1.08E-06	0.000757	9.46E-09	0.000788
5114	480863.09	3864377.25	0.01509	0.0135	0.01513	0.01526	2.84E-05	1.2E-06	0.00033	1.7E-08	0.00036	3.47E-05	1.45128E-06	0.000405	9.54E-09	4.41E-04	3.06E-05	1.12E-06	0.000771	9.86E-09	0.000802
5115	481363.09	3864377.25	0.01549	0.01447	0.01536	0.01575	2.91E-05	1.3E-06	0.00033	1.8E-08	0.00036	3.57E-05	1.55556E-06	0.000411	9.85E-09	4.48E-04	3.15E-05	1.2E-06	0.000782	1.02E-08	0.000815
5116	481863.09	3864377.25	0.01597	0.01522	0.01576	0.01621	3.00E-05	1.3E-06	0.00034	1.8E-08	0.00037	3.68E-05	1.63618E-06	0.000422	1.01E-08	4.60E-04	3.24E-05	1.26E-06	0.000803	1.05E-08	0.000836
5117	482363.09	3864377.25	0.01637	0.0155	0.01619	0.01679	3.08E-05	1.4E-06	0.00035	1.9E-08	0.00038	3.77E-05	1.66628E-06	0.000433	1.05E-08	4.72E-04	3.32E-05	1.28E-06	0.000825	1.08E-08	0.000859
5118	482863.09	3864377.25	0.01665	0.01593	0.01635	0.0173	3.13E-05	1.4E-06	0.00036	1.9E-08	0.00039	3.83E-05	1.71251E-06	0.000437	1.08E-08	4.77E-04	3.38E-05	1.32E-06	0.000833	1.12E-08	0.000868
5119	483363.09	3864377.25	0.01684	0.01645	0.01637	0.01758	3.16E-05	1.4E-06	0.00036	2E-08	0.00039	3.88E-05	1.76841E-06	0.000438	1.1E-08	4.78E-04	3.42E-05	1.36E-06	0.000834	1.14E-08	0.000869
5120	483863.09	3864377.25	0.01699	0.01626	0.01645	0.01781	3.19E-05	1.4E-06	0.00036	2E-08	0.00039	3.91E-05	1.74799E-06	0.00044	1.11E-08	4.81E-04	3.45E-05	1.34E-06	0.000838	1.15E-08	0.000874

5121	484363.09	3864377.25	0.01707	0.01513	0.01663	0.01789	3.21E-05	1.3E-06	0.00036	2E-08	0.00039	3.93E-05	1.62651E-06	0.000445	1.12E-08	4.86E-04	3.47E-05	1.25E-06	0.000847	1.16E-08	0.000883
5122	484863.09	3864377.25	0.01698	0.01476	0.01653	0.01772	3.19E-05	1.3E-06	0.00036	2E-08	0.00039	3.91E-05	1.58673E-06	0.000442	1.11E-08	4.83E-04	3.45E-05	1.22E-06	0.000842	1.14E-08	0.000878
5123	485363.09	3864377.25	0.01686	0.01561	0.0161	0.01736	3.17E-05	1.4E-06	0.00035	1.9E-08	0.00038	3.88E-05	1.67811E-06	0.000431	1.09E-08	4.71E-04	3.42E-05	1.29E-06	0.00082	1.12E-08	0.000856
5124	485863.09	3864377.25	0.01673	0.01543	0.01578	0.01712	3.14E-05	1.4E-06	0.00034	1.9E-08	0.00038	3.85E-05	1.65876E-06	0.000422	1.07E-08	4.62E-04	3.4E-05	1.28E-06	0.000804	1.11E-08	0.000839
5125	486363.09	3864377.25	0.01656	0.01544	0.01549	0.01674	3.11E-05	1.4E-06	0.00034	1.9E-08	0.00037	3.81E-05	1.65983E-06	0.000414	1.05E-08	4.54E-04	3.36E-05	1.28E-06	0.000789	1.08E-08	0.000824
5126	486863.09	3864377.25	0.01646	0.01571	0.01531	0.0163	3.09E-05	1.4E-06	0.00033	1.8E-08	0.00036	3.79E-05	1.68886E-06	0.000409	1.02E-08	4.49E-04	3.34E-05	1.3E-06	0.00078	1.05E-08	0.000814
5127	487363.09	3864377.25	0.0164	0.01489	0.0154	0.01631	3.08E-05	1.3E-06	0.00033	1.8E-08	0.00037	3.78E-05	1.60071E-06	0.000412	1.02E-08	4.51E-04	3.33E-05	1.23E-06	0.000784	1.05E-08	0.000819
5128	487863.09	3864377.25	0.0163	0.01397	0.01557	0.01632	3.06E-05	1.2E-06	0.00034	1.8E-08	0.00037	3.75E-05	1.50181E-06	0.000416	1.02E-08	4.55E-04	3.31E-05	1.16E-06	0.000793	1.05E-08	0.000827
5129	488363.09	3864377.25	0.01623	0.01414	0.0156	0.01637	3.05E-05	1.2E-06	0.00034	1.8E-08	0.00037	3.74E-05	1.52008E-06	0.000417	1.02E-08	4.56E-04	3.3E-05	1.17E-06	0.000795	1.06E-08	0.000829
5130	488863.09	3864377.25	0.01616	0.01497	0.01542	0.01667	3.04E-05	1.3E-06	0.00033	1.9E-08	0.00037	3.72E-05	1.60931E-06	0.000412	1.04E-08	4.51E-04	3.28E-05	1.24E-06	0.000785	1.08E-08	0.000819
5131	489363.09	3864377.25	0.01597	0.01546	0.015	0.01668	3.00E-05	1.4E-06	0.00033	1.9E-08	0.00036	3.68E-05	1.66198E-06	0.000401	1.04E-08	4.40E-04	3.24E-05	1.28E-06	0.000764	1.08E-08	0.000798
5132	489863.09	3864377.25	0.01585	0.01528	0.01481	0.01643	2.98E-05	1.3E-06	0.00032	1.8E-08	0.00035	3.65E-05	1.64263E-06	0.000396	1.03E-08	4.34E-04	3.22E-05	1.26E-06	0.000754	1.06E-08	0.000788
5133	490363.09	3864377.25	0.01582	0.01492	0.01495	0.01647	2.97E-05	1.3E-06	0.00032	1.8E-08	0.00036	3.64E-05	1.60393E-06	0.0004	1.03E-08	4.38E-04	3.21E-05	1.23E-06	0.000761	1.06E-08	0.000795
5134	490863.09	3864377.25	0.01599	0.0151	0.01525	0.01692	3.00E-05	1.3E-06	0.00033	1.9E-08	0.00036	3.68E-05	1.62328E-06	0.000408	1.06E-08	4.46E-04	3.25E-05	1.25E-06	0.000777	1.09E-08	0.00081
5135	491363.09	3864377.25	0.01676	0.01646	0.01592	0.01757	3.15E-05	1.4E-06	0.00035	2E-08	0.00038	3.86E-05	1.76949E-06	0.000426	1.1E-08	4.66E-04	3.4E-05	1.36E-06	0.000811	1.13E-08	0.000846
5136	491863.09	3864377.25	0.01208	0.0126	0.01256	0.00788	2.27E-05	1.1E-06	0.00027	8.8E-09	0.0003	2.78E-05	1.35453E-06	0.000336	4.93E-09	3.65E-04	2.45E-05	1.04E-06	0.00064	5.09E-09	0.000665
5137	492363.09	3864377.25	0.01659	0.01647	0.0165	0.01519	3.12E-05	1.4E-06	0.00036	1.7E-08	0.00039	3.82E-05	1.77056E-06	0.000441	9.5E-09	4.81E-04	3.37E-05	1.36E-06	0.00084	9.81E-09	0.000875
5138	492863.09	3864377.25	0.01413	0.01441	0.01477	0.01074	2.66E-05	1.3E-06	0.00032	1.2E-08	0.00035	3.25E-05	1.54911E-06	0.000395	6.72E-09	4.29E-04	2.87E-05	1.19E-06	0.000752	6.94E-09	0.000782
5139	493363.09	3864377.25	0.01595	0.01638	0.01551	0.01421	3.00E-05	1.4E-06	0.00034	1.6E-08	0.00037	3.67E-05	1.76089E-06	0.000415	8.89E-09	4.53E-04	3.24E-05	1.35E-06	0.00079	9.18E-09	0.000824
5140	493863.09	3864377.25	0.01688	0.01708	0.01626	0.016	3.17E-05	1.5E-06	0.00035	1.8E-08	0.00039	3.89E-05	1.83614E-06	0.000435	1E-08	4.76E-04	3.43E-05	1.41E-06	0.000828	1.03E-08	0.000864
5141	494363.09	3864377.25	0.01752	0.01796	0.01675	0.0189	3.29E-05	1.6E-06	0.00036	2.1E-08	0.0004	4.03E-05	1.93074E-06	0.000448	1.18E-08	4.90E-04	3.56E-05	1.49E-06	0.000853	1.22E-08	0.00089
5142	494863.09	3864377.25	0.01745	0.01803	0.0168	0.01958	3.28E-05	1.6E-06	0.00036	2.2E-08	0.0004	4.02E-05	1.93827E-06	0.000449	1.22E-08	4.91E-04	3.54E-05	1.49E-06	0.000856	1.26E-08	0.000893
5143	495363.09	3864377.25	0.01686	0.01746	0.01629	0.01881	3.17E-05	1.5E-06	0.00035	2.1E-08	0.00039	3.88E-05	1.87699E-06	0.000436	1.18E-08	4.76E-04	3.42E-05	1.44E-06	0.00083	1.22E-08	0.000865
5144	495863.09	3864377.25	0.01615	0.01666	0.01552	0.01756	3.03E-05	1.5E-06	0.00034	2E-08	0.00037	3.72E-05	1.79099E-06	0.000415	1.1E-08	4.54E-04	3.28E-05	1.38E-06	0.00079	1.13E-08	0.000825
5145	496363.09	3864377.25	0.01557	0.01601	0.01485	0.01696	2.93E-05	1.4E-06	0.00032	1.9E-08	0.00035	3.59E-05	1.72111E-06	0.000397	1.06E-08	4.35E-04	3.16E-05	1.32E-06	0.000756	1.1E-08	0.000789
5146	496863.09	3864377.25	0.01521	0.01568	0.01448	0.01672	2.86E-05	1.4E-06	0.00031	1.9E-08	0.00034	3.50E-05	1.68564E-06	0.000387	1.05E-08	4.24E-04	3.09E-05	1.3E-06	0.000737	1.08E-08	0.00077
5147	497363.09	3864377.25	0.01492	0.01546	0.01423	0.01669	2.80E-05	1.4E-06	0.00031	1.9E-08	0.00034	3.44E-05	1.66198E-06	0.000381	1.04E-08	4.17E-04	3.03E-05	1.28E-06	0.000725	1.08E-08	0.000756
5148	497863.09	3864377.25	0.01494	0.01556	0.01422	0.01677	2.81E-05	1.4E-06	0.00031	1.9E-08	0.00034	3.44E-05	1.67273E-06	0.00038	1.05E-08	4.16E-04	3.03E-05	1.29E-06	0.000724	1.08E-08	0.000756
5149	498363.09	3864377.25	0.01473	0.01539	0.01391	0.01672	2.77E-05	1.4E-06	0.0003	1.9E-08	0.00033	3.39E-05	1.65446E-06	0.000372	1.05E-08	4.08E-04	2.99E-05	1.27E-06	0.000708	1.08E-08	0.00074
5150	471363.09	3864877.25	0.00779	0.00803	0.00772	0.00764	1.46E-05	7E-07	0.00017	8.5E-09	0.00018	1.79E-05	8.63243E-07	0.000206	4.78E-09	2.25E-04	1.58E-05	6.64E-07	0.000393	4.94E-09	0.00041
5151	471863.09	3864877.25	0.00798	0.00845	0.00785	0.00787	1.50E-05	7.4E-07	0.00017	8.8E-09	0.00019	1.84E-05	9.08394E-07	0.00021	4.92E-09	2.29E-04	1.62E-05	6.99E-07	0.0004	5.08E-09	0.000417
5152	472363.09	3864877.25	0.00817	0.00874	0.00798	0.00811	1.54E-05	7.7E-07	0.00017	9.1E-09	0.00019	1.88E-05	9.3957E-07	0.000213	5.07E-09	2.33E-04	1.66E-05	7.23E-07	0.000406	5.24E-09	0.000424
5153	472863.09	3864877.25	0.00836	0.00882	0.00812	0.00834	1.57E-05	7.7E-07	0.00018	9.3E-09	0.00019	1.93E-05	9.4817E-07	0.000217	5.22E-09	2.37E-04	1.7E-05	7.29E-07	0.000414	5.39E-09	0.000431
5154	473363.09	3864877.25	0.00854	0.00865	0.00825	0.00855	1.60E-05	7.6E-07	0.00018	9.6E-09	0.0002	1.97E-05	9.29894E-07	0.000221	5.35E-09	2.41E-04	1.73E-05	7.15E-07	0.00042	5.52E-09	0.000438
5155	473863.09	3864877.25	0.00875	0.0084	0.00841	0.00872	1.64E-05	7.4E-07	0.00018	9.7E-09	0.0002	2.01E-05	9.03019E-07	0.000225	5.45E-09	2.46E-04	1.78E-05	6.95E-07	0.000428	5.63E-09	0.000447
5156	474363.09	3864877.25	0.00899	0.00827	0.00862	0.00884	1.69E-05	7.3E-07	0.00019	9.9E-09	0.0002	2.07E-05	8.89044E-07	0.000231	5.53E-09	2.52E-04	1.83E-05	6.84E-07	0.000439	5.71E-09	0.000458
5157	474863.09	3864877.25	0.00926	0.00837	0.00887	0.00892	1.74E-05	7.3E-07	0.00019	1E-08	0.00021	2.13E-05	8.99794E-07	0.000237	5.58E-09	2.59E-04	1.88E-05	6.92E-07	0.000452	5.76E-09	0.000471
5158	475363.09	3864877.25	0.00957	0.00876	0.00918	0.00902	1.80E-05	7.7E-07	0.0002	1E-08	0.00022	2.20E-05	9.4172E-07	0.000246	5.64E-09	2.69E-04	1.94E-05	7.24E-07	0.000468	5.83E-09	0.000488
5159	475863.09	3864877.25	0.00991	0.0093	0.00953	0.00919	1.86E-05	8.2E-07	0.00021	1E-08	0.00023	2.28E-05	9.99771E-07	0.000255	5.75E-09	2.79E-04	2.01E-05	7.69E-07	0.000485	5.94E-09	0.000506
5160	476363.09	3864877.25	0.0103	0.00981	0.00996	0.0095	1.94E-05	8.6E-07	0.00022	1.1E-08	0.00024	2.37E-05	1.0546E-06	0.000266	5.94E-09	2.91E-04	2.09E-05	8.11E-07	0.000507	6.14E-09	0.000529
5161	476863.09	3864877.25	0.01074	0.01017	0.01045	0.00994	2.02E-05	8.9E-07	0.00023	1.1E-08	0.00025	2.47E-05	1.0933E-06	0.000279	6.22E-09	3.05E-04	2.18E-05	8.41E-07	0.000532	6.42E-09	0.000555
5162	477363.09	3864877.25	0.0111	0.01044	0.01082	0.01045	2.09E-05	9.2E-07	0.00023	1.2E-08	0.00026	2.56E-05	1.12232E-06	0.000289	6.54E-09	3.16E-04	2.25E-05	8.63E-07	0.000551	6.75E-09	0.000574
5163	477863.09	3864877.25	0.0115	0.01091	0.01122	0.01092	2.16E-05	9.6E-07	0.00024	1.2E-08	0.00027	2.65E-05	1.17285E-06	0.0003	6.83E-09	3.28E-04	2.33E-05	9.02E-07	0.000571	7.05E-09	0.000596
5164	478363.09	3864877.25	0.01191	0.01136	0.01169	0.01136	2.24E-05	1E-06	0.00025	1.3E-08	0.00028	2.74E-05	1.22123E-06	0.000313	7.11E-09	3.41E-04	2.42E-05	9.39E-07	0.000595	7.34E-09	0.000621
5165	478863.09	3864877.25	0.01234	0.01161	0.01222	0.01186	2.32E-05	1E-06	0.00027	1.3E-08	0.00029	2.84E-05	1.2481E-06	0.000327	7.42E-09	3.57E-04	2.51E-05	9.6E-07	0.000622	7.66E-09	0.000648
5166	479363.09	3864877.25	0.01278	0.0118	0.01278	0.01242	2.40E-05	1E-06	0.00028	1.4E-08	0.0003	2.94E-05	1.26853E-06	0.000342	7.77E-09	3.73E-04	2.59E-05	9.76E-07	0.000651	8.02E-09	0.000678
5167	479863.09	3864877.25	0.01321	0.01197	0.01329	0.01302	2.48E-05	1.1E-06	0.00029	1.5E-08	0.00031	3.04E-05	1.2868E-06	0.000355	8.14E-09	3.87E-04	2.68E-05	9.9E-07	0.000677	8.41E-09	0.000705
5168	480363.09	3864877.25	0.01363	0.01224	0.01372	0.01365	2.56E-05	1.1E-06	0.0003	1.5E-08	0.00032	3.14E-05	1.31583E-06	0.000367	8.54E-09	4.00E-04	2.77E-05	1.01E-06	0.000699	8.82E-09	0.000727
5169	480863.09	3864877.25	0.01392	0.01269	0.01387	0.01415	2.62E-05	1.1E-06	0.0003	1.6E-08	0.00033	3.21E-05	1.3642E-06	0.000371	8.85E-09	4.04E-04	2.83E-05	1.05E-06	0.000706	9.14E-09	0.000736
5170	481363.09	3864877.25	0.01427	0.01334	0.01408	0.01452	2.68E-05	1.2E-06	0.00031	1.6E-08	0.00033	3.29E-05	1.43408E-06	0.000377	9.08E-09	4.11E-04	2.9E-05	1.1E-06	0.000717	9.38E-09	0.000747
5171	481863.09	3864877.25	0.0146	0.01386	0.0144	0.01487	2.74E-05	1.2E-06	0.00031	1.7E-08	0.00034	3.36E-05	1.48998E-06	0.000385	9.3E-09	4.20E-04	2.96E-05	1.15E-06	0.000733	9.61E-09	0.000764
5172	482363.09	3864877.25	0.01492	0.01428	0.0147	0.0153	2.80E-05	1.3E-06	0.00032	1.7E-08	0.00035	3.44E-05	1.53513E-06	0.000393	9.57E-09	4.29E-04	3.03E-05	1.18E-06	0.000749	9.88E-09	0.00078
5173	482863.09	3864877.25	0.01516	0.01463	0.0148	0.0157	2.85E-05	1.3E-06	0.00032	1.8E-08	0.00035	3.49E-05	1.57276E-06	0.000396	9.82E-09	4.32E-04	3.08E-05	1.21E-06	0.000754	1.01E-08	0.000786
5174	483363.09	3864877.25	0.01532	0.01487	0.01483	0.01593	2.88E-05	1.3E-06	0.00032	1.8E-08	0.00035	3.53E-05	1.59856E-06	0.000397	9.96E-09	4.34E-04	3.11E-05	1.23E-06	0.000755	1.03E-08	0.000788
5175	483863.09	3864877.25	0.01538	0.01429	0.01491	0.01603	2.89E-05	1.3E-06	0.00032	1.8E-08	0.00035	3.54E-05	1.53621E-06	0.000399	1E-08	4.36E-04	3.12E-05	1.18E-06	0.000759	1.04E-08	0.000792
5176	484363.09	3864877.25	0.01545	0.01345	0.01511	0.01601	2.90E-05	1.2E-06	0.00033	1.8E-08	0.00036	3.56E-05	1.44591E-06	0.000404	1E-08	4.41E-04	3.14E-05	1.11E-06	0.00077	1.03E-08	0.000802
5177	484863.09	3864877.25	0.0154	0.01362	0.01501	0.01586	2.89E-05	1.2E-06	0.00033	1.8E-08	0.00036	3.55E-05	1.46418E-06	0.000401	9.92E-09	4.38E-04	3.13E-05	1.13E-06	0.000764	1.02E-08	0.000797
5178	485363.09	3864877.25	0.01532	0.01416	0.01468	0.01568	2.88E-05	1.2E-06	0.00032	1.8E-08	0.00035	3.53E-05	1.52223E-06	0.000393	9.81E-09	4.29E-04	3.11E-05	1.17E-06	0.000748	1.01E-08	0.00078
5179	485863.09	3864877.25	0.01513	0.01374	0.01435	0.01544	2.84E-05	1.2E-06	0.00031	1.7E-08	0.00034	3.48E-05	1.47708E-06	0.000384	9.66E-09	4.20E-04	3.07E-05	1.14E-06	0.000731	9.97E-09	0.000763
5180	486363.09	3864877.25	0.01497	0.01386	0.01405	0.01497	2.81E-05	1.2E-06	0.00031	1.7E-08	0.00033	3.45E-05	1.48998E-06	0.000376	9.36E-09	4.12E-04	3.04E-05	1.15E-06	0.000716	9.67E-09	0.000747
5181	486863.09	3864877.25	0.01489	0.01415	0.01388	0.01458	2.80E-05	1.2E-06	0.0003	1.6E-08	0.00033	3.43E-05	1.52116E-06	0.000371	9.12E-09	4.07E-04	3.02E-05	1.17E-06	0.000707	9.42E-09	0.000738

5182	487363.09	3864877.25	0.01481	0.01352	0.01393	0.01455	2.78E-05	1.2E-06	0.0003	1.6E-08	0.00033	3.41E-05	1.45343E-06	0.000373	9.1E-09	4.08E-04	3.01E-05	1.12E-06	0.000709	9.4E-09	0.000741
5183	487863.09	3864877.25	0.01476	0.01269	0.01414	0.01459	2.77E-05	1.1E-06	0.00031	1.6E-08	0.00034	3.40E-05	1.3642E-06	0.000378	9.13E-09	4.14E-04	3E-05	1.05E-06	0.00072	9.42E-09	0.000751
5184	488363.09	3864877.25	0.01477	0.01277	0.01426	0.01471	2.78E-05	1.1E-06	0.00031	1.6E-08	0.00034	3.40E-05	1.3728E-06	0.000381	9.2E-09	4.17E-04	3E-05	1.06E-06	0.000726	9.5E-09	0.000757
5185	488863.09	3864877.25	0.01472	0.01338	0.01417	0.01501	2.77E-05	1.2E-06	0.00031	1.7E-08	0.00034	3.39E-05	1.43838E-06	0.000379	9.39E-09	4.14E-04	2.99E-05	1.11E-06	0.000722	9.7E-09	0.000753
5186	489363.09	3864877.25	0.01458	0.01391	0.01382	0.0151	2.74E-05	1.2E-06	0.0003	1.7E-08	0.00033	3.36E-05	1.49536E-06	0.00037	9.44E-09	4.05E-04	2.96E-05	1.15E-06	0.000704	9.75E-09	0.000735
5187	489863.09	3864877.25	0.01441	0.01388	0.01352	0.01484	2.71E-05	1.2E-06	0.00029	1.7E-08	0.00032	3.32E-05	1.49213E-06	0.000362	9.28E-09	3.96E-04	2.93E-05	1.15E-06	0.000689	9.59E-09	0.000719
5188	490363.09	3864877.25	0.01437	0.01369	0.01354	0.01469	2.70E-05	1.2E-06	0.00029	1.6E-08	0.00032	3.31E-05	1.47171E-06	0.000362	9.19E-09	3.97E-04	2.92E-05	1.13E-06	0.00069	9.49E-09	0.00072
5189	490863.09	3864877.25	0.01511	0.01436	0.0146	0.01486	2.84E-05	1.3E-06	0.00032	1.7E-08	0.00035	3.48E-05	1.54373E-06	0.00039	9.29E-09	4.27E-04	3.07E-05	1.19E-06	0.000744	9.6E-09	0.000775
5190	491363.09	3864877.25	0.01513	0.01454	0.01451	0.01562	2.84E-05	1.3E-06	0.00032	1.7E-08	0.00034	3.48E-05	1.56308E-06	0.000388	9.77E-09	4.24E-04	3.07E-05	1.2E-06	0.000739	1.01E-08	0.000771
5191	491863.09	3864877.25	0.01541	0.01535	0.01476	0.01512	2.90E-05	1.3E-06	0.00032	1.7E-08	0.00035	3.55E-05	1.65016E-06	0.000395	9.46E-09	4.32E-04	3.13E-05	1.27E-06	0.000752	9.77E-09	0.000784
5192	492363.09	3864877.25	0.00752	0.00739	0.00793	0.00465	1.41E-05	6.5E-07	0.00017	5.2E-09	0.00019	1.73E-05	7.94442E-07	0.000212	2.91E-09	2.30E-04	1.53E-05	6.11E-07	0.000404	3E-09	0.00042
5193	492863.09	3864877.25	0.01029	0.0102	0.01098	0.00676	1.93E-05	8.9E-07	0.00024	7.6E-09	0.00026	2.37E-05	1.09652E-06	0.000294	4.23E-09	3.18E-04	2.09E-05	8.44E-07	0.000559	4.37E-09	0.000581
5194	493363.09	3864877.25	0.00979	0.00976	0.01042	0.0067	1.84E-05	8.6E-07	0.00023	7.5E-09	0.00025	2.25E-05	1.04922E-06	0.000279	4.19E-09	3.02E-04	1.99E-05	8.07E-07	0.000531	4.33E-09	0.000551
5195	493863.09	3864877.25	0.0146	0.01484	0.01412	0.01322	2.74E-05	1.3E-06	0.00031	1.5E-08	0.00034	3.36E-05	1.59533E-06	0.000378	8.27E-09	4.13E-04	2.96E-05	1.23E-06	0.000719	8.54E-09	0.00075
5196	494363.09	3864877.25	0.01534	0.01553	0.01474	0.01478	2.88E-05	1.4E-06	0.00032	1.7E-08	0.00035	3.53E-05	1.66951E-06	0.000394	9.24E-09	4.31E-04	3.11E-05	1.28E-06	0.000751	9.55E-09	0.000783
5197	494863.09	3864877.25	0.01582	0.01619	0.01517	0.01704	2.97E-05	1.4E-06	0.00033	1.9E-08	0.00036	3.64E-05	1.74046E-06	0.000406	1.07E-08	4.44E-04	3.21E-05	1.34E-06	0.000773	1.1E-08	0.000806
5198	495363.09	3864877.25	0.01581	0.01633	0.01526	0.01763	2.97E-05	1.4E-06	0.00033	2E-08	0.00036	3.64E-05	1.75551E-06	0.000408	1.1E-08	4.46E-04	3.21E-05	1.35E-06	0.000777	1.14E-08	0.000811
5199	495863.09	3864877.25	0.01526	0.01581	0.0148	0.01699	2.87E-05	1.4E-06	0.00032	1.9E-08	0.00035	3.51E-05	1.69961E-06	0.000396	1.06E-08	4.33E-04	3.1E-05	1.31E-06	0.000754	1.1E-08	0.000786
5200	496363.09	3864877.25	0.01473	0.01521	0.01424	0.01597	2.77E-05	1.3E-06	0.00031	1.8E-08	0.00034	3.39E-05	1.63511E-06	0.000381	9.99E-09	4.16E-04	2.99E-05	1.26E-06	0.000725	1.03E-08	0.000756
5201	496863.09	3864877.25	0.01421	0.01461	0.01363	0.01512	2.67E-05	1.3E-06	0.0003	1.7E-08	0.00032	3.27E-05	1.57061E-06	0.000365	9.46E-09	3.99E-04	2.89E-05	1.21E-06	0.000694	9.77E-09	0.000724
5202	497363.09	3864877.25	0.01383	0.01423	0.01322	0.01504	2.60E-05	1.2E-06	0.00029	1.7E-08	0.00031	3.18E-05	1.52976E-06	0.000354	9.41E-09	3.87E-04	2.81E-05	1.18E-06	0.000673	9.72E-09	0.000703
5203	497863.09	3864877.25	0.01365	0.01413	0.01307	0.01503	2.57E-05	1.2E-06	0.00028	1.7E-08	0.00031	3.14E-05	1.51901E-06	0.00035	9.4E-09	3.83E-04	2.77E-05	1.17E-06	0.000666	9.71E-09	0.000695
5204	498363.09	3864877.25	0.01347	0.01401	0.0129	0.01505	2.53E-05	1.2E-06	0.00028	1.7E-08	0.00031	3.10E-05	1.50611E-06	0.000345	9.41E-09	3.78E-04	2.73E-05	1.16E-06	0.000657	9.72E-09	0.000686
5205	471363.09	3865377.25	0.00738	0.0079	0.00721	0.00735	1.39E-05	6.9E-07	0.00016	8.2E-09	0.00017	1.70E-05	8.49268E-07	0.000193	4.6E-09	2.11E-04	1.5E-05	6.53E-07	0.000367	4.75E-09	0.000383
5206	471863.09	3865377.25	0.00755	0.00802	0.00733	0.00754	1.42E-05	7E-07	0.00016	8.4E-09	0.00017	1.74E-05	8.62168E-07	0.000196	4.72E-09	2.14E-04	1.53E-05	6.63E-07	0.000373	4.87E-09	0.000389
5207	472363.09	3865377.25	0.00772	0.00794	0.00746	0.00771	1.45E-05	7E-07	0.00016	8.6E-09	0.00018	1.78E-05	8.53568E-07	0.0002	4.82E-09	2.18E-04	1.57E-05	6.57E-07	0.00038	4.98E-09	0.000396
5208	472863.09	3865377.25	0.00791	0.00774	0.00763	0.00785	1.49E-05	6.8E-07	0.00017	8.8E-09	0.00018	1.82E-05	8.32067E-07	0.000204	4.91E-09	2.23E-04	1.61E-05	6.4E-07	0.000389	5.07E-09	0.000405
5209	473363.09	3865377.25	0.00807	0.00748	0.00776	0.00796	1.52E-05	6.6E-07	0.00017	8.9E-09	0.00018	1.86E-05	8.04117E-07	0.000208	4.98E-09	2.27E-04	1.64E-05	6.19E-07	0.000395	5.14E-09	0.000412
5210	473863.09	3865377.25	0.00827	0.0074	0.00794	0.00803	1.55E-05	6.5E-07	0.00017	9E-09	0.00019	1.90E-05	7.95517E-07	0.000212	5.02E-09	2.32E-04	1.68E-05	6.12E-07	0.000404	5.19E-09	0.000422
5211	474363.09	3865377.25	0.0085	0.00758	0.00817	0.00809	1.60E-05	6.6E-07	0.00018	9E-09	0.00019	1.96E-05	8.14867E-07	0.000219	5.06E-09	2.39E-04	1.73E-05	6.27E-07	0.000416	5.23E-09	0.000434
5212	474863.09	3865377.25	0.00878	0.00802	0.00845	0.00819	1.65E-05	7E-07	0.00018	9.2E-09	0.0002	2.02E-05	8.62168E-07	0.000226	5.12E-09	2.47E-04	1.78E-05	6.63E-07	0.00043	5.29E-09	0.000449
5213	475363.09	3865377.25	0.00906	0.00855	0.00873	0.00837	1.70E-05	7.5E-07	0.00019	9.4E-09	0.00021	2.09E-05	9.19144E-07	0.000233	5.23E-09	2.55E-04	1.84E-05	7.07E-07	0.000445	5.41E-09	0.000464
5214	475863.09	3865377.25	0.0094	0.00902	0.0091	0.00867	1.77E-05	7.9E-07	0.0002	9.7E-09	0.00022	2.16E-05	9.6967E-07	0.000243	5.42E-09	2.66E-04	1.91E-05	7.46E-07	0.000463	5.6E-09	0.000483
5215	476363.09	3865377.25	0.00988	0.00944	0.00963	0.00904	1.86E-05	8.3E-07	0.00021	1E-08	0.00023	2.28E-05	1.01482E-06	0.000258	5.65E-09	2.81E-04	2.01E-05	7.81E-07	0.00049	5.84E-09	0.000511
5216	476863.09	3865377.25	0.01024	0.00974	0.01008	0.00913	1.92E-05	8.5E-07	0.00022	1E-08	0.00024	2.36E-05	1.04707E-06	0.00027	5.71E-09	2.94E-04	2.08E-05	8.05E-07	0.000513	5.9E-09	0.000535
5217	477363.09	3865377.25	0.01057	0.00998	0.01034	0.00995	1.99E-05	8.8E-07	0.00022	1.1E-08	0.00025	2.43E-05	1.07287E-06	0.000277	6.22E-09	3.02E-04	2.15E-05	8.25E-07	0.000527	6.43E-09	0.000549
5218	477863.09	3865377.25	0.01084	0.01024	0.01061	0.0103	2.04E-05	9E-07	0.00023	1.2E-08	0.00025	2.50E-05	1.10082E-06	0.000284	6.44E-09	3.10E-04	2.2E-05	8.47E-07	0.00054	6.65E-09	0.000563
5219	478363.09	3865377.25	0.01123	0.01051	0.01109	0.0107	2.11E-05	9.2E-07	0.00024	1.2E-08	0.00026	2.59E-05	1.12985E-06	0.000297	6.69E-09	3.24E-04	2.28E-05	8.69E-07	0.000565	6.91E-09	0.000588
5220	478863.09	3865377.25	0.01158	0.01072	0.01154	0.01116	2.18E-05	9.4E-07	0.00025	1.2E-08	0.00027	2.67E-05	1.15242E-06	0.000309	6.98E-09	3.36E-04	2.35E-05	8.87E-07	0.000588	7.21E-09	0.000612
5221	479363.09	3865377.25	0.01195	0.011	0.012	0.01167	2.25E-05	9.6E-07	0.00026	1.3E-08	0.00028	2.75E-05	1.18252E-06	0.000321	7.3E-09	3.50E-04	2.43E-05	9.1E-07	0.000611	7.54E-09	0.000636
5222	479863.09	3865377.25	0.01234	0.01126	0.01243	0.01224	2.32E-05	9.9E-07	0.00027	1.4E-08	0.00029	2.84E-05	1.21048E-06	0.000332	7.66E-09	3.62E-04	2.51E-05	9.31E-07	0.000633	7.91E-09	0.000659
5223	480363.09	3865377.25	0.01259	0.01141	0.01261	0.01275	2.37E-05	1E-06	0.00027	1.4E-08	0.0003	2.90E-05	1.2266E-06	0.000337	7.97E-09	3.67E-04	2.56E-05	9.44E-07	0.000642	8.24E-09	0.000669
5224	480863.09	3865377.25	0.01284	0.01172	0.01272	0.01313	2.41E-05	1E-06	0.00028	1.5E-08	0.0003	2.96E-05	1.25993E-06	0.00034	8.21E-09	3.71E-04	2.61E-05	9.69E-07	0.000648	8.48E-09	0.000675
5225	481363.09	3865377.25	0.01315	0.01226	0.01295	0.01338	2.47E-05	1.1E-06	0.00028	1.5E-08	0.00031	3.03E-05	1.31798E-06	0.000346	8.37E-09	3.78E-04	2.67E-05	1.01E-06	0.00066	8.64E-09	0.000687
5226	481863.09	3865377.25	0.01343	0.01288	0.01322	0.01363	2.52E-05	1.1E-06	0.00029	1.5E-08	0.00031	3.09E-05	1.38463E-06	0.000354	8.52E-09	3.86E-04	2.73E-05	1.07E-06	0.000673	8.8E-09	0.000702
5227	482363.09	3865377.25	0.01368	0.01321	0.01342	0.01399	2.57E-05	1.2E-06	0.00029	1.6E-08	0.00032	3.15E-05	1.4201E-06	0.000359	8.75E-09	3.92E-04	2.78E-05	1.09E-06	0.000683	9.04E-09	0.000712
5228	482863.09	3865377.25	0.01385	0.01337	0.01345	0.01432	2.60E-05	1.2E-06	0.00029	1.6E-08	0.00032	3.19E-05	1.4373E-06	0.00036	8.96E-09	3.93E-04	2.81E-05	1.11E-06	0.000685	9.25E-09	0.000714
5229	483363.09	3865377.25	0.01396	0.01334	0.01349	0.01447	2.62E-05	1.2E-06	0.00029	1.6E-08	0.00032	3.21E-05	1.43408E-06	0.000361	9.05E-09	3.94E-04	2.83E-05	1.1E-06	0.000687	9.35E-09	0.000717
5230	483863.09	3865377.25	0.01403	0.01264	0.01365	0.01448	2.64E-05	1.1E-06	0.0003	1.6E-08	0.00032	3.23E-05	1.35883E-06	0.000365	9.06E-09	3.99E-04	2.85E-05	1.05E-06	0.000695	9.35E-09	0.000725
5231	484363.09	3865377.25	0.0141	0.01224	0.01383	0.01442	2.65E-05	1.1E-06	0.0003	1.6E-08	0.00033	3.25E-05	1.31583E-06	0.00037	9.02E-09	4.04E-04	2.86E-05	1.01E-06	0.000704	9.31E-09	0.000734
5232	484863.09	3865377.25	0.01408	0.01266	0.01373	0.01434	2.65E-05	1.1E-06	0.0003	1.6E-08	0.00033	3.24E-05	1.36098E-06	0.000367	8.97E-09	4.01E-04	2.86E-05	1.05E-06	0.000699	9.26E-09	0.000729
5233	485363.09	3865377.25	0.01396	0.0128	0.01342	0.01426	2.62E-05	1.1E-06	0.00029	1.6E-08	0.00032	3.21E-05	1.37603E-06	0.000359	8.92E-09	3.92E-04	2.83E-05	1.06E-06	0.000683	9.21E-09	0.000713
5234	485863.09	3865377.25	0.01378	0.01235	0.01313	0.01399	2.59E-05	1.1E-06	0.00029	1.6E-08	0.00031	3.17E-05	1.32765E-06	0.000351	8.75E-09	3.84E-04	2.8E-05	1.02E-06	0.000669	9.04E-09	0.000698
5235	486363.09	3865377.25	0.01367	0.01257	0.01286	0.0135	2.57E-05	1.1E-06	0.00028	1.5E-08	0.00031	3.15E-05	1.3513E-06	0.000344	8.44E-09	3.77E-04	2.78E-05	1.04E-06	0.000655	8.72E-09	0.000684
5236	486863.09	3865377.25	0.01358	0.01282	0.01267	0.01316	2.55E-05	1.1E-06	0.00028	1.5E-08	0.0003	3.13E-05	1.37818E-06	0.000339	8.23E-09	3.72E-04	2.76E-05	1.06E-06	0.000645	8.5E-09	0.000674
5237	487363.09	3865377.25	0.0135	0.01236	0.01271	0.0131	2.54E-05	1.1E-06	0.00028	1.5E-08	0.0003	3.11E-05	1.32873E-06	0.00034	8.19E-09	3.72E-04	2.74E-05	1.02E-06	0.000647	8.46E-09	0.000676
5238	487863.09	3865377.25	0.01347	0.01163	0.01292	0.01313	2.53E-05	1E-06	0.00028	1.5E-08	0.00031	3.10E-05	1.25025E-06	0.000346	8.21E-09	3.78E-04	2.73E-05	9.62E-07	0.000658	8.48E-09	0.000686
5239	488363.09	3865377.25	0.01352	0.01163	0.01309	0.01329	2.54E-05	1E-06	0.00028	1.5E-08	0.00031	3.11E-05	1.25025E-06	0.00035	8.31E-09	3.82E-04	2.75E-05	9.62E-07	0.000667	8.58E-09	0.000695
5240	488863.09	3865377.25	0.01351	0.0121	0.0131	0.0136	2.54E-05	1.1E-06	0.00028	1.5E-08	0.00031	3.11E-05	1.30078E-06	0.00035	8.51E-09	3.83E-04	2.74E-05	1E-06	0.000667	8.79E-09	0.000696
5241	489363.09	3865377.25	0.01344	0.01263	0.01286	0.01377	2.53E-05	1.1E-06	0.00028	1.5E-08	0.00031	3.09E-05	1.35775E-06	0.000344	8.61E-09	3.76E-04	2.73E-05	1.04E-06	0.000655	8.89E-09	0.000683
5242	489863.09	3865377.25	0.01338	0.01281	0.01263	0.01364	2.51E-05	1.1E-06	0.00027	1.5E-08	0.0003	3.08E-05	1.3771E-06	0.000338	8.53E-09	3.70E-04	2.72E-05	1.06E-06	0.000643	8.81E-09	0.000671

5243	490363.09	3865377.25	0.01373	0.01323	0.01299	0.01307	2.58E-05	1.2E-06	0.00028	1.5E-08	0.00031	3.16E-05	1.42225E-06	0.000347	8.17E-09	3.80E-04	2.79E-05	1.09E-06	0.000662	8.44E-09	0.000691
5244	490863.09	3865377.25	0.01369	0.0131	0.0132	0.01302	2.57E-05	1.1E-06	0.00029	1.5E-08	0.00031	3.15E-05	1.40828E-06	0.000353	8.14E-09	3.86E-04	2.78E-05	1.08E-06	0.000672	8.41E-09	0.000701
5245	491363.09	3865377.25	0.01374	0.01318	0.01346	0.01332	2.58E-05	1.2E-06	0.00029	1.5E-08	0.00032	3.16E-05	1.41688E-06	0.00036	8.33E-09	3.93E-04	2.79E-05	1.09E-06	0.000686	8.6E-09	0.000715
5246	491863.09	3865377.25	0.01391	0.01371	0.01348	0.01365	2.61E-05	1.2E-06	0.00029	1.5E-08	0.00032	3.20E-05	1.47386E-06	0.000361	8.54E-09	3.94E-04	2.82E-05	1.13E-06	0.000687	8.82E-09	0.000716
5247	492363.09	3865377.25	0.01292	0.01342	0.01272	0.0108	2.43E-05	1.2E-06	0.00028	1.2E-08	0.0003	2.98E-05	1.44268E-06	0.00034	6.75E-09	3.71E-04	2.62E-05	1.11E-06	0.000648	6.98E-09	0.000675
5248	492863.09	3865377.25	0.01099	0.01104	0.01141	0.00765	2.07E-05	9.7E-07	0.00025	8.5E-09	0.00027	2.53E-05	1.18682E-06	0.000305	4.78E-09	3.32E-04	2.23E-05	9.13E-07	0.000581	4.94E-09	0.000604
5249	493363.09	3865377.25	0.00914	0.00904	0.00969	0.00606	1.72E-05	7.9E-07	0.00021	6.8E-09	0.00023	2.10E-05	9.7182E-07	0.000259	3.79E-09	2.81E-04	1.86E-05	7.48E-07	0.000494	3.91E-09	0.000513
5250	493863.09	3865377.25	0.01233	0.01257	0.01267	0.01013	2.32E-05	1.1E-06	0.00028	1.1E-08	0.0003	2.84E-05	1.3513E-06	0.000339	6.34E-09	3.69E-04	2.5E-05	1.04E-06	0.000645	6.54E-09	0.000671
5251	494363.09	3865377.25	0.01338	0.0135	0.01292	0.01224	2.51E-05	1.2E-06	0.00028	1.4E-08	0.00031	3.08E-05	1.45128E-06	0.000346	7.66E-09	3.78E-04	2.72E-05	1.12E-06	0.000658	7.91E-09	0.000686
5252	494863.09	3865377.25	0.01391	0.01402	0.01342	0.01329	2.61E-05	1.2E-06	0.00029	1.5E-08	0.00032	3.20E-05	1.50718E-06	0.000359	8.31E-09	3.92E-04	2.82E-05	1.16E-06	0.000683	8.58E-09	0.000713
5253	495363.09	3865377.25	0.01439	0.0147	0.01384	0.01538	2.70E-05	1.3E-06	0.0003	1.7E-08	0.00033	3.31E-05	1.58028E-06	0.00037	9.62E-09	4.05E-04	2.92E-05	1.22E-06	0.000705	9.93E-09	0.000735
5254	495863.09	3865377.25	0.01438	0.01484	0.01392	0.01601	2.70E-05	1.3E-06	0.0003	1.8E-08	0.00033	3.31E-05	1.59533E-06	0.000372	1E-08	4.07E-04	2.92E-05	1.23E-06	0.000709	1.03E-08	0.000739
5255	496363.09	3865377.25	0.01409	0.01459	0.01369	0.01552	2.65E-05	1.3E-06	0.0003	1.7E-08	0.00033	3.24E-05	1.56846E-06	0.000366	9.71E-09	4.00E-04	2.86E-05	1.21E-06	0.000697	1E-08	0.000727
5256	496863.09	3865377.25	0.01354	0.01402	0.01317	0.0145	2.54E-05	1.2E-06	0.00029	1.6E-08	0.00031	3.12E-05	1.50718E-06	0.000352	9.07E-09	3.85E-04	2.75E-05	1.16E-06	0.000671	9.37E-09	0.000699
5257	497363.09	3865377.25	0.01303	0.01339	0.01256	0.01375	2.45E-05	1.2E-06	0.00027	1.5E-08	0.0003	3.00E-05	1.43946E-06	0.000336	8.6E-09	3.67E-04	2.65E-05	1.11E-06	0.00064	8.88E-09	0.000667
5258	497863.09	3865377.25	0.01268	0.01302	0.01215	0.01349	2.38E-05	1.1E-06	0.00026	1.5E-08	0.00029	2.92E-05	1.39968E-06	0.000325	8.44E-09	3.56E-04	2.57E-05	1.08E-06	0.000619	8.71E-09	0.000646
5259	498363.09	3865377.25	0.01255	0.01293	0.01202	0.01348	2.36E-05	1.1E-06	0.00026	1.5E-08	0.00029	2.89E-05	1.39E-06	0.000321	8.43E-09	3.52E-04	2.55E-05	1.07E-06	0.000612	8.71E-09	0.000639
5260	471363.09	3865877.25	0.00701	0.00729	0.00677	0.007	1.32E-05	6.4E-07	0.00015	7.8E-09	0.00016	1.61E-05	7.83691E-07	0.000181	4.38E-09	1.98E-04	1.42E-05	6.03E-07	0.000345	4.52E-09	0.00036
5261	471863.09	3865877.25	0.00716	0.00712	0.0069	0.0071	1.35E-05	6.2E-07	0.00015	7.9E-09	0.00016	1.65E-05	7.65416E-07	0.000185	4.44E-09	2.02E-04	1.45E-05	5.89E-07	0.000351	4.59E-09	0.000367
5262	472363.09	3865877.25	0.00735	0.00693	0.00708	0.00719	1.38E-05	6.1E-07	0.00015	8E-09	0.00017	1.69E-05	7.44991E-07	0.000189	4.5E-09	2.07E-04	1.49E-05	5.73E-07	0.000361	4.64E-09	0.000376
5263	472863.09	3865877.25	0.00747	0.00673	0.0072	0.00727	1.40E-05	5.9E-07	0.00016	8.1E-09	0.00017	1.72E-05	7.2349E-07	0.000193	4.55E-09	2.10E-04	1.52E-05	5.57E-07	0.000367	4.7E-09	0.000382
5264	473363.09	3865877.25	0.00764	0.00673	0.00736	0.00732	1.44E-05	5.9E-07	0.00016	8.2E-09	0.00017	1.76E-05	7.2349E-07	0.000197	4.58E-09	2.15E-04	1.55E-05	5.57E-07	0.000375	4.73E-09	0.000391
5265	473863.09	3865877.25	0.00785	0.00697	0.00757	0.00739	1.48E-05	6.1E-07	0.00016	8.3E-09	0.00018	1.81E-05	7.49291E-07	0.000202	4.62E-09	2.21E-04	1.59E-05	5.76E-07	0.000386	4.77E-09	0.000402
5266	474363.09	3865877.25	0.00808	0.0074	0.00779	0.00749	1.52E-05	6.5E-07	0.00017	8.4E-09	0.00019	1.86E-05	7.95517E-07	0.000208	4.68E-09	2.28E-04	1.64E-05	6.12E-07	0.000397	4.84E-09	0.000414
5267	474863.09	3865877.25	0.00836	0.00794	0.00808	0.00769	1.57E-05	7E-07	0.00018	8.6E-09	0.00019	1.93E-05	8.53568E-07	0.000216	4.81E-09	2.36E-04	1.7E-05	6.57E-07	0.000412	4.97E-09	0.000429
5268	475363.09	3865877.25	0.00864	0.00835	0.00837	0.00797	1.62E-05	7.3E-07	0.00018	8.9E-09	0.0002	1.99E-05	8.97644E-07	0.000224	4.98E-09	2.45E-04	1.75E-05	6.91E-07	0.000426	5.15E-09	0.000445
5269	475863.09	3865877.25	0.00895	0.0086	0.00872	0.00834	1.68E-05	7.5E-07	0.00019	9.3E-09	0.00021	2.06E-05	9.24519E-07	0.000233	5.22E-09	2.55E-04	1.82E-05	7.11E-07	0.000444	5.39E-09	0.000463
5270	476363.09	3865877.25	0.00942	0.00893	0.00924	0.00867	1.77E-05	7.8E-07	0.0002	9.7E-09	0.00022	2.17E-05	9.59995E-07	0.000247	5.42E-09	2.70E-04	1.91E-05	7.38E-07	0.000471	5.6E-09	0.00049
5271	476863.09	3865877.25	0.00972	0.00915	0.00957	0.00871	1.83E-05	8E-07	0.00021	9.7E-09	0.00023	2.24E-05	9.83646E-07	0.000256	5.45E-09	2.79E-04	1.97E-05	7.57E-07	0.000487	5.63E-09	0.000508
5272	477363.09	3865877.25	0.01009	0.00945	0.00988	0.00938	1.90E-05	8.3E-07	0.00021	1E-08	0.00023	2.32E-05	1.0159E-06	0.000264	5.87E-09	2.89E-04	2.05E-05	7.82E-07	0.000503	6.06E-09	0.000524
5273	477863.09	3865877.25	0.0103	0.00956	0.01014	0.00973	1.94E-05	8.4E-07	0.00022	1.1E-08	0.00024	2.37E-05	1.02772E-06	0.000271	6.09E-09	2.96E-04	2.09E-05	7.91E-07	0.000516	6.29E-09	0.000538
5274	478363.09	3865877.25	0.01061	0.0098	0.01054	0.01011	1.99E-05	8.6E-07	0.00023	1.1E-08	0.00025	2.44E-05	1.05352E-06	0.000282	6.32E-09	3.07E-04	2.15E-05	8.1E-07	0.000537	6.53E-09	0.000559
5275	478863.09	3865877.25	0.01093	0.01012	0.01094	0.01054	2.05E-05	8.9E-07	0.00024	1.2E-08	0.00026	2.52E-05	1.08792E-06	0.000293	6.59E-09	3.19E-04	2.22E-05	8.37E-07	0.000557	6.81E-09	0.00058
5276	479363.09	3865877.25	0.01124	0.01042	0.01131	0.01103	2.11E-05	9.1E-07	0.00025	1.2E-08	0.00027	2.59E-05	1.12017E-06	0.000302	6.9E-09	3.30E-04	2.28E-05	8.62E-07	0.000576	7.13E-09	0.0006
5277	479863.09	3865877.25	0.01149	0.01052	0.01154	0.01153	2.16E-05	9.2E-07	0.00025	1.3E-08	0.00027	2.65E-05	1.13092E-06	0.000309	7.21E-09	3.36E-04	2.33E-05	8.7E-07	0.000588	7.45E-09	0.000612
5278	480363.09	3865877.25	0.01171	0.01055	0.01165	0.01194	2.20E-05	9.3E-07	0.00025	1.3E-08	0.00028	2.70E-05	1.13415E-06	0.000312	7.47E-09	3.40E-04	2.38E-05	8.72E-07	0.000593	7.71E-09	0.000618
5279	480863.09	3865877.25	0.01194	0.01083	0.01178	0.01218	2.24E-05	9.5E-07	0.00026	1.4E-08	0.00028	2.75E-05	1.16425E-06	0.000315	7.62E-09	3.44E-04	2.42E-05	8.96E-07	0.0006	7.87E-09	0.000625
5280	481363.09	3865877.25	0.01217	0.01148	0.01196	0.01231	2.29E-05	1E-06	0.00026	1.4E-08	0.00028	2.80E-05	1.23413E-06	0.00032	7.7E-09	3.49E-04	2.47E-05	9.49E-07	0.000609	7.95E-09	0.000635
5281	481863.09	3865877.25	0.01241	0.01207	0.01217	0.01252	2.33E-05	1.1E-06	0.00026	1.4E-08	0.00029	2.86E-05	1.29755E-06	0.000325	7.83E-09	3.55E-04	2.52E-05	9.98E-07	0.00062	8.09E-09	0.000646
5282	482363.09	3865877.25	0.01259	0.01219	0.0123	0.01286	2.37E-05	1.1E-06	0.00027	1.4E-08	0.00029	2.90E-05	1.31045E-06	0.000329	8.04E-09	3.59E-04	2.56E-05	1.01E-06	0.000626	8.31E-09	0.000653
5283	482863.09	3865877.25	0.01271	0.01222	0.01231	0.01313	2.39E-05	1.1E-06	0.00027	1.5E-08	0.00029	2.93E-05	1.31368E-06	0.000329	8.21E-09	3.60E-04	2.58E-05	1.01E-06	0.000627	8.48E-09	0.000654
5284	483363.09	3865877.25	0.01281	0.01194	0.01239	0.01317	2.41E-05	1E-06	0.00027	1.5E-08	0.00029	2.95E-05	1.28358E-06	0.000331	8.24E-09	3.62E-04	2.6E-05	9.87E-07	0.000631	8.51E-09	0.000658
5285	483863.09	3865877.25	0.01291	0.01136	0.01261	0.01315	2.43E-05	1E-06	0.00027	1.5E-08	0.0003	2.97E-05	1.22123E-06	0.000337	8.22E-09	3.68E-04	2.62E-05	9.39E-07	0.000642	8.49E-09	0.000669
5286	484363.09	3865877.25	0.01299	0.0114	0.01277	0.0131	2.44E-05	1E-06	0.00028	1.5E-08	0.0003	2.99E-05	1.22553E-06	0.000342	8.19E-09	3.73E-04	2.64E-05	9.43E-07	0.00065	8.46E-09	0.000678
5287	484863.09	3865877.25	0.01292	0.01176	0.01261	0.01307	2.43E-05	1E-06	0.00027	1.5E-08	0.0003	2.98E-05	1.26423E-06	0.000337	8.17E-09	3.68E-04	2.62E-05	9.73E-07	0.000642	8.44E-09	0.000669
5288	485363.09	3865877.25	0.01277	0.01157	0.01233	0.01304	2.40E-05	1E-06	0.00027	1.5E-08	0.00029	2.94E-05	1.2438E-06	0.00033	8.16E-09	3.60E-04	2.59E-05	9.57E-07	0.000628	8.42E-09	0.000655
5289	485863.09	3865877.25	0.01262	0.0112	0.01207	0.01272	2.37E-05	9.8E-07	0.00026	1.4E-08	0.00029	2.91E-05	1.20403E-06	0.000323	7.96E-09	3.53E-04	2.56E-05	9.26E-07	0.000615	8.22E-09	0.000641
5290	486363.09	3865877.25	0.01251	0.01143	0.01181	0.01223	2.35E-05	1E-06	0.00026	1.4E-08	0.00028	2.88E-05	1.22875E-06	0.000316	7.65E-09	3.46E-04	2.54E-05	9.45E-07	0.000601	7.9E-09	0.000628
5291	486863.09	3865877.25	0.01243	0.01166	0.01162	0.01195	2.34E-05	1E-06	0.00025	1.3E-08	0.00028	2.86E-05	1.25348E-06	0.000311	7.47E-09	3.41E-04	2.52E-05	9.64E-07	0.000592	7.72E-09	0.000618
5292	487363.09	3865877.25	0.01235	0.01132	0.01164	0.01186	2.32E-05	9.9E-07	0.00025	1.3E-08	0.00028	2.84E-05	1.21693E-06	0.000311	7.42E-09	3.41E-04	2.51E-05	9.36E-07	0.000593	7.66E-09	0.000619
5293	487863.09	3865877.25	0.01241	0.01075	0.0119	0.01191	2.33E-05	9.4E-07	0.00026	1.3E-08	0.00028	2.86E-05	1.15565E-06	0.000318	7.45E-09	3.48E-04	2.52E-05	8.89E-07	0.000606	7.69E-09	0.000632
5294	488363.09	3865877.25	0.01243	0.01067	0.01207	0.01206	2.34E-05	9.4E-07	0.00026	1.3E-08	0.00029	2.86E-05	1.14705E-06	0.000323	7.54E-09	3.53E-04	2.52E-05	8.82E-07	0.000615	7.79E-09	0.000641
5295	488863.09	3865877.25	0.01249	0.01105	0.01216	0.01239	2.35E-05	9.7E-07	0.00026	1.4E-08	0.00029	2.88E-05	1.1879E-06	0.000325	7.75E-09	3.55E-04	2.54E-05	9.14E-07	0.000619	8E-09	0.000646
5296	489363.09	3865877.25	0.01249	0.01158	0.01206	0.01262	2.35E-05	1E-06	0.00026	1.4E-08	0.00029	2.88E-05	1.24488E-06	0.000323	7.89E-09	3.53E-04	2.54E-05	9.58E-07	0.000614	8.15E-09	0.000641
5297	489863.09	3865877.25	0.01241	0.01177	0.01179	0.01256	2.33E-05	1E-06	0.00026	1.4E-08	0.00028	2.86E-05	1.2653E-06	0.000315	7.86E-09	3.45E-04	2.52E-05	9.73E-07	0.0006	8.11E-09	0.000627
5298	490363.09	3865877.25	0.01248	0.01191	0.01179	0.01225	2.35E-05	1E-06	0.00026	1.4E-08	0.00028	2.87E-05	1.28035E-06	0.000315	7.66E-09	3.45E-04	2.53E-05	9.85E-07	0.0006	7.91E-09	0.000627
5299	490863.09	3865877.25	0.01253	0.01199	0.01197	0.01181	2.35E-05	1.1E-06	0.00026	1.3E-08	0.00028	2.89E-05	1.28895E-06	0.00032	7.39E-09	3.50E-04	2.54E-05	9.92E-07	0.00061	7.63E-09	0.000636
5300	491363.09	3865877.25	0.01247	0.01178	0.01226	0.01168	2.34E-05	1E-06	0.00027	1.3E-08	0.00029	2.87E-05	1.26638E-06	0.000328	7.31E-09	3.58E-04	2.53E-05	9.74E-07	0.000624	7.54E-09	0.000651
5301	491863.09	3865877.25	0.01257	0.01211	0.01243	0.01198	2.36E-05	1.1E-06	0.00027	1.3E-08	0.00029	2.89E-05	1.30185E-06	0.000332	7.49E-09	3.63E-04	2.55E-05	1E-06	0.000633	7.74E-09	0.00066
5302	492363.09	3865877.25	0.01245	0.01263	0.01216	0.01138	2.34E-05	1.1E-06	0.00026	1.3E-08	0.00029	2.87E-05	1.35775E-06	0.000325	7.12E-09	3.55E-04	2.53E-05	1.04E-06	0.000619	7.35E-09	0.000646
5303	492863.09	3865877.25	0.01048	0.0108	0.0106	0.00768	1.97E-05	9.5E-07	0.00023	8.6E-09	0.00025	2.41E-05	1.16102E-06	0.000284	4.8E-09	3.09E-04	2.13E-05	8.93E-07	0.00054	4.96E-09	0.000562

5304	493363.09	3865877.25	0.01066	0.01063	0.01103	0.00776	2.00E-05	9.3E-07	0.00024	8.7E-09	0.00026	2.45E-05	1.14275E-06	0.000295	4.85E-09	3.21E-04	2.16E-05	8.79E-07	0.000562	5.01E-09	0.000584
5305	493863.09	3865877.25	0.01188	0.0119	0.01221	0.0099	2.23E-05	1E-06	0.00027	1.1E-08	0.00029	2.74E-05	1.27928E-06	0.000327	6.19E-09	3.55E-04	2.41E-05	9.84E-07	0.000622	6.4E-09	0.000647
5306	494363.09	3865877.25	0.01241	0.01248	0.01229	0.01172	2.33E-05	1.1E-06	0.00027	1.3E-08	0.00029	2.86E-05	1.34163E-06	0.000329	7.33E-09	3.59E-04	2.52E-05	1.03E-06	0.000626	7.57E-09	0.000652
5307	494863.09	3865877.25	0.01262	0.01278	0.01212	0.01202	2.37E-05	1.1E-06	0.00026	1.3E-08	0.00029	2.91E-05	1.37388E-06	0.000324	7.52E-09	3.55E-04	2.56E-05	1.06E-06	0.000617	7.76E-09	0.000644
5308	495363.09	3865877.25	0.01276	0.01301	0.0123	0.01243	2.40E-05	1.1E-06	0.00027	1.4E-08	0.00029	2.94E-05	1.3986E-06	0.000329	7.77E-09	3.60E-04	2.59E-05	1.08E-06	0.000626	8.03E-09	0.000653
5309	495863.09	3865877.25	0.01317	0.01342	0.01271	0.01396	2.47E-05	1.2E-06	0.00028	1.6E-08	0.0003	3.03E-05	1.44268E-06	0.00034	8.73E-09	3.72E-04	2.67E-05	1.11E-06	0.000647	9.02E-09	0.000675
5310	496363.09	3865877.25	0.01332	0.01372	0.01294	0.0142	2.50E-05	1.2E-06	0.00028	1.6E-08	0.00031	3.07E-05	1.47493E-06	0.000346	8.88E-09	3.78E-04	2.7E-05	1.13E-06	0.000659	9.17E-09	0.000687
5311	496863.09	3865877.25	0.01309	0.01351	0.01286	0.01366	2.46E-05	1.2E-06	0.00028	1.5E-08	0.00031	3.01E-05	1.45236E-06	0.000344	8.54E-09	3.76E-04	2.66E-05	1.12E-06	0.000655	8.82E-09	0.000683
5312	497363.09	3865877.25	0.01249	0.01292	0.01221	0.01325	2.35E-05	1.1E-06	0.00027	1.5E-08	0.00029	2.88E-05	1.38893E-06	0.000327	8.29E-09	3.57E-04	2.54E-05	1.07E-06	0.000622	8.56E-09	0.000648
5313	497863.09	3865877.25	0.01201	0.01239	0.01166	0.01243	2.26E-05	1.1E-06	0.00025	1.4E-08	0.00028	2.77E-05	1.33195E-06	0.000312	7.77E-09	3.41E-04	2.44E-05	1.02E-06	0.000594	8.03E-09	0.000619
5314	498363.09	3865877.25	0.01166	0.01189	0.01128	0.01164	2.19E-05	1E-06	0.00024	1.3E-08	0.00027	2.69E-05	1.2782E-06	0.000302	7.28E-09	3.30E-04	2.37E-05	9.83E-07	0.000574	7.52E-09	0.000599
5315	471363.09	3866377.25	0.00666	0.0064	0.00642	0.00655	1.25E-05	5.6E-07	0.00014	7.3E-09	0.00015	1.53E-05	6.88014E-07	0.000172	4.1E-09	1.88E-04	1.35E-05	5.29E-07	0.000327	4.23E-09	0.000341
5316	471863.09	3866377.25	0.00682	0.00624	0.00659	0.0066	1.28E-05	5.5E-07	0.00014	7.4E-09	0.00016	1.57E-05	6.70814E-07	0.000176	4.13E-09	1.93E-04	1.38E-05	5.16E-07	0.000336	4.26E-09	0.00035
5317	472363.09	3866377.25	0.00697	0.00616	0.00675	0.00666	1.31E-05	5.4E-07	0.00015	7.4E-09	0.00016	1.61E-05	6.62214E-07	0.000181	4.17E-09	1.97E-04	1.42E-05	5.09E-07	0.000344	4.3E-09	0.000358
5318	472863.09	3866377.25	0.00709	0.0062	0.00686	0.00671	1.33E-05	5.4E-07	0.00015	7.5E-09	0.00016	1.63E-05	6.66514E-07	0.000183	4.2E-09	2.00E-04	1.44E-05	5.13E-07	0.000349	4.33E-09	0.000364
5319	473363.09	3866377.25	0.00728	0.00648	0.00705	0.00679	1.37E-05	5.7E-07	0.00015	7.6E-09	0.00017	1.68E-05	6.96615E-07	0.000189	4.25E-09	2.06E-04	1.48E-05	5.36E-07	0.000359	4.39E-09	0.000374
5320	473863.09	3866377.25	0.00747	0.00689	0.00723	0.00692	1.40E-05	6E-07	0.00016	7.7E-09	0.00017	1.72E-05	7.4069E-07	0.000193	4.33E-09	2.11E-04	1.52E-05	5.7E-07	0.000368	4.47E-09	0.000384
5321	474363.09	3866377.25	0.0077	0.00735	0.00745	0.0071	1.45E-05	6.4E-07	0.00016	7.9E-09	0.00018	1.77E-05	7.90141E-07	0.000199	4.44E-09	2.18E-04	1.56E-05	6.08E-07	0.000379	4.59E-09	0.000396
5322	474863.09	3866377.25	0.00797	0.00774	0.00773	0.00736	1.50E-05	6.8E-07	0.00017	8.2E-09	0.00018	1.84E-05	8.32067E-07	0.000207	4.6E-09	2.26E-04	1.62E-05	6.4E-07	0.000394	4.75E-09	0.000411
5323	475363.09	3866377.25	0.00822	0.00794	0.00801	0.00768	1.54E-05	7E-07	0.00017	8.6E-09	0.00019	1.89E-05	8.53568E-07	0.000214	4.8E-09	2.34E-04	1.67E-05	6.57E-07	0.000408	4.96E-09	0.000425
5324	475863.09	3866377.25	0.00848	0.00803	0.00829	0.00802	1.59E-05	7E-07	0.00018	9E-09	0.0002	1.95E-05	8.63243E-07	0.000222	5.02E-09	2.42E-04	1.72E-05	6.64E-07	0.000422	5.18E-09	0.00044
5325	476363.09	3866377.25	0.00895	0.00835	0.00877	0.00835	1.68E-05	7.3E-07	0.00019	9.3E-09	0.00021	2.06E-05	8.97644E-07	0.000235	5.22E-09	2.56E-04	1.82E-05	6.91E-07	0.000447	5.39E-09	0.000466
5326	476863.09	3866377.25	0.0092	0.00855	0.00908	0.00807	1.73E-05	7.5E-07	0.0002	9E-09	0.00022	2.12E-05	9.19144E-07	0.000243	5.05E-09	2.65E-04	1.87E-05	7.07E-07	0.000462	5.21E-09	0.000482
5327	477363.09	3866377.25	0.00967	0.00894	0.00953	0.00871	1.82E-05	7.8E-07	0.00021	9.7E-09	0.00023	2.23E-05	9.6107E-07	0.000255	5.45E-09	2.78E-04	1.96E-05	7.39E-07	0.000485	5.63E-09	0.000506
5328	477863.09	3866377.25	0.00984	0.00904	0.00975	0.00923	1.85E-05	7.9E-07	0.00021	1E-08	0.00023	2.27E-05	9.7182E-07	0.000261	5.77E-09	2.84E-04	2E-05	7.48E-07	0.000497	5.96E-09	0.000517
5329	478363.09	3866377.25	0.01003	0.0093	0.01002	0.00957	1.88E-05	8.2E-07	0.00022	1.1E-08	0.00024	2.31E-05	9.99771E-07	0.000268	5.99E-09	2.92E-04	2.04E-05	7.69E-07	0.00051	6.18E-09	0.000531
5330	478863.09	3866377.25	0.01032	0.00967	0.01037	0.01	1.94E-05	8.5E-07	0.00023	1.1E-08	0.00025	2.38E-05	1.03955E-06	0.000277	6.25E-09	3.02E-04	2.1E-05	8E-07	0.000528	6.46E-09	0.00055
5331	479363.09	3866377.25	0.01059	0.00987	0.01065	0.01048	1.99E-05	8.7E-07	0.00023	1.2E-08	0.00025	2.44E-05	1.06105E-06	0.000285	6.55E-09	3.10E-04	2.15E-05	8.16E-07	0.000542	6.77E-09	0.000565
5332	479863.09	3866377.25	0.01084	0.00983	0.01084	0.01093	2.04E-05	8.6E-07	0.00024	1.2E-08	0.00026	2.50E-05	1.05675E-06	0.00029	6.84E-09	3.16E-04	2.2E-05	8.13E-07	0.000552	7.06E-09	0.000575
5333	480363.09	3866377.25	0.01103	0.00981	0.01094	0.01122	2.07E-05	8.6E-07	0.00024	1.3E-08	0.00026	2.54E-05	1.0546E-06	0.000293	7.02E-09	3.19E-04	2.24E-05	8.11E-07	0.000557	7.25E-09	0.00058
5334	480863.09	3866377.25	0.01119	0.01022	0.01101	0.0113	2.10E-05	9E-07	0.00024	1.3E-08	0.00026	2.58E-05	1.09867E-06	0.000294	7.07E-09	3.21E-04	2.27E-05	8.45E-07	0.000561	7.3E-09	0.000584
5335	481363.09	3866377.25	0.0114	0.01097	0.01116	0.01138	2.14E-05	9.6E-07	0.00024	1.3E-08	0.00026	2.63E-05	1.1793E-06	0.000298	7.12E-09	3.26E-04	2.31E-05	9.07E-07	0.000568	7.35E-09	0.000592
5336	481863.09	3866377.25	0.01154	0.0113	0.01129	0.01159	2.17E-05	9.9E-07	0.00025	1.3E-08	0.00027	2.66E-05	1.21478E-06	0.000302	7.25E-09	3.30E-04	2.34E-05	9.34E-07	0.000575	7.49E-09	0.000599
5337	482363.09	3866377.25	0.01165	0.01125	0.01134	0.01191	2.19E-05	9.9E-07	0.00025	1.3E-08	0.00027	2.68E-05	1.2094E-06	0.000303	7.45E-09	3.31E-04	2.37E-05	9.3E-07	0.000578	7.69E-09	0.000602
5338	482863.09	3866377.25	0.01175	0.01115	0.01136	0.01207	2.21E-05	9.8E-07	0.00025	1.3E-08	0.00027	2.71E-05	1.19865E-06	0.000304	7.55E-09	3.32E-04	2.39E-05	9.22E-07	0.000579	7.8E-09	0.000603
5339	483363.09	3866377.25	0.01184	0.01072	0.01148	0.01204	2.22E-05	9.4E-07	0.00025	1.3E-08	0.00027	2.73E-05	1.15242E-06	0.000307	7.53E-09	3.35E-04	2.4E-05	8.87E-07	0.000585	7.78E-09	0.00061
5340	483863.09	3866377.25	0.01194	0.01037	0.01169	0.01199	2.24E-05	9.1E-07	0.00025	1.3E-08	0.00028	2.75E-05	1.1148E-06	0.000313	7.5E-09	3.41E-04	2.42E-05	8.58E-07	0.000595	7.75E-09	0.00062
5341	484363.09	3866377.25	0.01196	0.01066	0.01177	0.01195	2.25E-05	9.4E-07	0.00026	1.3E-08	0.00028	2.75E-05	1.14597E-06	0.000315	7.47E-09	3.43E-04	2.43E-05	8.82E-07	0.000599	7.72E-09	0.000625
5342	484863.09	3866377.25	0.01194	0.01093	0.01167	0.01203	2.24E-05	9.6E-07	0.00025	1.3E-08	0.00028	2.75E-05	1.175E-06	0.000312	7.52E-09	3.41E-04	2.42E-05	9.04E-07	0.000594	7.77E-09	0.00062
5343	485363.09	3866377.25	0.01176	0.0105	0.01139	0.01198	2.21E-05	9.2E-07	0.00025	1.3E-08	0.00027	2.71E-05	1.12877E-06	0.000305	7.49E-09	3.33E-04	2.39E-05	8.68E-07	0.00058	7.74E-09	0.000605
5344	485863.09	3866377.25	0.0116	0.01021	0.01113	0.0116	2.18E-05	9E-07	0.00024	1.3E-08	0.00026	2.67E-05	1.0976E-06	0.000298	7.26E-09	3.25E-04	2.36E-05	8.44E-07	0.000567	7.49E-09	0.000591
5345	486363.09	3866377.25	0.01152	0.01046	0.01089	0.01115	2.16E-05	9.2E-07	0.00024	1.2E-08	0.00026	2.65E-05	1.12447E-06	0.000291	6.97E-09	3.19E-04	2.34E-05	8.65E-07	0.000555	7.2E-09	0.000579
5346	486863.09	3866377.25	0.01146	0.01067	0.01074	0.01093	2.15E-05	9.4E-07	0.00023	1.2E-08	0.00026	2.64E-05	1.14705E-06	0.000287	6.84E-09	3.15E-04	2.33E-05	8.82E-07	0.000547	7.06E-09	0.000571
5347	487363.09	3866377.25	0.01165	0.01067	0.01099	0.01092	2.19E-05	9.4E-07	0.00024	1.2E-08	0.00026	2.68E-05	1.14705E-06	0.000294	6.83E-09	3.22E-04	2.37E-05	8.82E-07	0.00056	7.05E-09	0.000584
5348	487863.09	3866377.25	0.01182	0.0103	0.01135	0.01095	2.22E-05	9E-07	0.00025	1.2E-08	0.00027	2.72E-05	1.10727E-06	0.000304	6.85E-09	3.32E-04	2.4E-05	8.52E-07	0.000578	7.07E-09	0.000603
5349	488363.09	3866377.25	0.01183	0.01016	0.01152	0.01111	2.22E-05	8.9E-07	0.00025	1.2E-08	0.00027	2.72E-05	1.09222E-06	0.000308	6.95E-09	3.36E-04	2.4E-05	8.4E-07	0.000587	7.18E-09	0.000612
5350	488863.09	3866377.25	0.01193	0.01051	0.01173	0.01136	2.24E-05	9.2E-07	0.00025	1.3E-08	0.00028	2.75E-05	1.12985E-06	0.000314	7.11E-09	3.42E-04	2.42E-05	8.69E-07	0.000597	7.34E-09	0.000623
5351	489363.09	3866377.25	0.01189	0.01096	0.01165	0.01152	2.23E-05	9.6E-07	0.00025	1.3E-08	0.00028	2.74E-05	1.17822E-06	0.000312	7.21E-09	3.40E-04	2.41E-05	9.06E-07	0.000593	7.44E-09	0.000618
5352	489863.09	3866377.25	0.01176	0.0112	0.0114	0.01121	2.21E-05	9.8E-07	0.00025	1.3E-08	0.00027	2.71E-05	1.20403E-06	0.000305	7.01E-09	3.33E-04	2.39E-05	9.26E-07	0.000581	7.24E-09	0.000605
5353	490363.09	3866377.25	0.01154	0.01092	0.01095	0.01132	2.17E-05	9.6E-07	0.00024	1.3E-08	0.00026	2.66E-05	1.17392E-06	0.000293	7.08E-09	3.21E-04	2.34E-05	9.03E-07	0.000558	7.31E-09	0.000582
5354	490863.09	3866377.25	0.0114	0.01083	0.0108	0.01106	2.14E-05	9.5E-07	0.00023	1.2E-08	0.00026	2.63E-05	1.16425E-06	0.000289	6.92E-09	3.16E-04	2.31E-05	8.96E-07	0.00055	7.14E-09	0.000574
5355	491363.09	3866377.25	0.01149	0.01088	0.01105	0.01108	2.16E-05	9.5E-07	0.00024	1.2E-08	0.00026	2.65E-05	1.16962E-06	0.000296	6.93E-09	3.23E-04	2.33E-05	9E-07	0.000563	7.16E-09	0.000587
5356	491863.09	3866377.25	0.01135	0.01057	0.01143	0.01029	2.13E-05	9.3E-07	0.00025	1.1E-08	0.00027	2.61E-05	1.1363E-06	0.000306	6.44E-09	3.33E-04	2.3E-05	8.74E-07	0.000582	6.65E-09	0.000606
5357	492363.09	3866377.25	0.01151	0.01122	0.01144	0.01066	2.16E-05	9.8E-07	0.00025	1.2E-08	0.00027	2.65E-05	1.20618E-06	0.000306	6.67E-09	3.34E-04	2.34E-05	9.28E-07	0.000583	6.89E-09	0.000607
5358	492863.09	3866377.25	0.01082	0.01124	0.01068	0.00906	2.03E-05	9.9E-07	0.00023	1E-08	0.00025	2.49E-05	1.20833E-06	0.000286	5.67E-09	3.12E-04	2.2E-05	9.3E-07	0.000544	5.85E-09	0.000567
5359	493363.09	3866377.25	0.01094	0.01089	0.01083	0.00914	2.06E-05	9.6E-07	0.00024	1E-08	0.00026	2.52E-05	1.1707E-06	0.00029	5.72E-09	3.16E-04	2.22E-05	9.01E-07	0.000552	5.9E-09	0.000575
5360	493863.09	3866377.25	0.01146	0.01127	0.01146	0.01027	2.15E-05	9.9E-07	0.00025	1.1E-08	0.00027	2.64E-05	1.21155E-06	0.000307	6.42E-09	3.34E-04	2.33E-05	9.32E-07	0.000584	6.63E-09	0.000608
5361	494363.09	3866377.25	0.01183	0.01173	0.01163	0.01185	2.22E-05	1E-06	0.00025	1.3E-08	0.00028	2.72E-05	1.261E-06	0.000311	7.41E-09	3.40E-04	2.4E-05	9.7E-07	0.000592	7.65E-09	0.000617
5362	494863.09	3866377.25	0.01165	0.01163	0.01135	0.01153	2.19E-05	1E-06	0.00025	1.3E-08	0.00027	2.68E-05	1.25025E-06	0.000304	7.21E-09	3.32E-04	2.37E-05	9.62E-07	0.000578	7.45E-09	0.000603
5363	495363.09	3866377.25	0.01128	0.01127	0.01089	0.01031	2.12E-05	9.9E-07	0.00024	1.2E-08	0.00026	2.60E-05	1.21155E-06	0.000291	6.45E-09	3.18E-04	2.29E-05	9.32E-07	0.000555	6.66E-09	0.000578
5364	495863.09	3866377.25	0.01149	0.01149	0.01122	0.01049	2.16E-05	1E-06	0.00024	1.2E-08	0.00027	2.65E-05	1.2352E-06	0.0003	6.56E-09	3.28E-04	2.33E-05	9.5E-07	0.000571	6.78E-09	0.000596

5365	496363.09	3866377.25	0.01216	0.01234	0.01199	0.01202	2.29E-05	1.1E-06	0.00026	1.3E-08	0.00028	2.80E-05	1.32658E-06	0.000321	7.52E-09	3.50E-04	2.47E-05	1.02E-06	0.000611	7.76E-09	0.000636
5366	496863.09	3866377.25	0.01227	0.01262	0.01216	0.01193	2.31E-05	1.1E-06	0.00026	1.3E-08	0.00029	2.83E-05	1.35668E-06	0.000325	7.46E-09	3.55E-04	2.49E-05	1.04E-06	0.000619	7.71E-09	0.000645
5367	497363.09	3866377.25	0.01206	0.0124	0.01197	0.01189	2.27E-05	1.1E-06	0.00026	1.3E-08	0.00028	2.78E-05	1.33303E-06	0.00032	7.44E-09	3.49E-04	2.45E-05	1.03E-06	0.00061	7.68E-09	0.000635
5368	497863.09	3866377.25	0.01158	0.01186	0.01149	0.01184	2.18E-05	1E-06	0.00025	1.3E-08	0.00027	2.67E-05	1.27498E-06	0.000307	7.41E-09	3.35E-04	2.35E-05	9.81E-07	0.000585	7.65E-09	0.00061
5369	498363.09	3866377.25	0.01055	0.01075	0.01058	0.00989	1.98E-05	9.4E-07	0.00023	1.1E-08	0.00025	2.43E-05	1.15565E-06	0.000283	6.19E-09	3.08E-04	2.14E-05	8.89E-07	0.000539	6.39E-09	0.000561
5370	474494.92	3848334.16	0.00771	0.00733	0.00764	0.00565	1.45E-05	6.4E-07	0.00017	6.3E-09	0.00018	1.78E-05	7.87991E-07	0.000204	3.53E-09	2.23E-04	1.57E-05	6.06E-07	0.000389	3.65E-09	0.000405
5371	475167.27	3848920.79	0.0088	0.00839	0.00867	0.00634	1.65E-05	7.4E-07	0.00019	7.1E-09	0.00021	2.03E-05	9.01944E-07	0.000232	3.97E-09	2.53E-04	1.79E-05	6.94E-07	0.000442	4.1E-09	0.00046
5372	475297.89	3848997.96	0.00896	0.00855	0.00883	0.00645	1.68E-05	7.5E-07	0.00019	7.2E-09	0.00021	2.06E-05	9.19144E-07	0.000236	4.03E-09	2.58E-04	1.82E-05	7.07E-07	0.00045	4.17E-09	0.000469
5373	475439.05	3849062	0.00894	0.00857	0.00882	0.00634	1.68E-05	7.5E-07	0.00019	7.1E-09	0.00021	2.06E-05	9.21294E-07	0.000236	3.97E-09	2.57E-04	1.82E-05	7.09E-07	0.000449	4.1E-09	0.000468
5374	475486.86	3849061.09	0.00889	0.00853	0.00879	0.00628	1.67E-05	7.5E-07	0.00019	7E-09	0.00021	2.05E-05	9.16994E-07	0.000235	3.93E-09	2.56E-04	1.81E-05	7.05E-07	0.000448	4.06E-09	0.000466
5375	475538.46	3849075.56	0.00895	0.00857	0.00885	0.00634	1.68E-05	7.5E-07	0.00019	7.1E-09	0.00021	2.06E-05	9.21294E-07	0.000237	3.97E-09	2.58E-04	1.82E-05	7.09E-07	0.000451	4.1E-09	0.00047
5376	475751.79	3849137.15	0.00933	0.00883	0.00921	0.00673	1.75E-05	7.7E-07	0.0002	7.5E-09	0.00022	2.15E-05	9.49245E-07	0.000246	4.21E-09	2.69E-04	1.89E-05	7.3E-07	0.000469	4.35E-09	0.000489
5377	476303.62	3849223.38	0.00981	0.00906	0.00969	0.00713	1.84E-05	7.9E-07	0.00021	8E-09	0.00023	2.26E-05	9.7397E-07	0.000259	4.46E-09	2.83E-04	1.99E-05	7.49E-07	0.000494	4.61E-09	0.000514
5378	476304.51	3849238.92	0.00986	0.0091	0.00973	0.00716	1.85E-05	8E-07	0.00021	8E-09	0.00023	2.27E-05	9.7827E-07	0.00026	4.48E-09	2.84E-04	2E-05	7.53E-07	0.000496	4.63E-09	0.000516
5379	476365.04	3849247.98	0.00991	0.00912	0.00978	0.00719	1.86E-05	8E-07	0.00021	8E-09	0.00023	2.28E-05	9.8042E-07	0.000262	4.5E-09	2.85E-04	2.01E-05	7.54E-07	0.000498	4.64E-09	0.000519
5380	476444.86	3849267.13	0.00992	0.00914	0.0098	0.00718	1.86E-05	8E-07	0.00021	8E-09	0.00023	2.28E-05	9.8257E-07	0.000262	4.49E-09	2.86E-04	2.01E-05	7.56E-07	0.000499	4.64E-09	0.00052
5381	476550.75	3849300.66	0.01008	0.00922	0.00995	0.0073	1.89E-05	8.1E-07	0.00022	8.2E-09	0.00024	2.32E-05	9.91171E-07	0.000266	4.57E-09	2.90E-04	2.05E-05	7.62E-07	0.000507	4.72E-09	0.000528
5382	476656.71	3849346.88	0.01022	0.00932	0.01011	0.0074	1.92E-05	8.2E-07	0.00022	8.3E-09	0.00024	2.35E-05	1.00192E-06	0.00027	4.63E-09	2.95E-04	2.08E-05	7.71E-07	0.000515	4.78E-09	0.000536
5383	476873.55	3849454.53	0.01062	0.00958	0.01049	0.00766	2.00E-05	8.4E-07	0.00023	8.6E-09	0.00025	2.45E-05	1.02987E-06	0.000281	4.79E-09	3.06E-04	2.16E-05	7.92E-07	0.000534	4.95E-09	0.000557
5384	477700	3849859.7	0.01215	0.01062	0.01193	0.00846	2.28E-05	9.3E-07	0.00026	9.5E-09	0.00028	2.80E-05	1.14167E-06	0.000319	5.29E-09	3.48E-04	2.47E-05	8.78E-07	0.000608	5.46E-09	0.000633
5385	477743.16	3849856.38	0.01199	0.01057	0.01176	0.00832	2.25E-05	9.3E-07	0.00026	9.3E-09	0.00028	2.76E-05	1.1363E-06	0.000315	5.2E-09	3.43E-04	2.43E-05	8.74E-07	0.000599	5.37E-09	0.000624
5386	478477.35	3850216.33	0.01304	0.0114	0.01251	0.00849	2.45E-05	1E-06	0.00027	9.5E-09	0.0003	3.00E-05	1.22553E-06	0.000335	5.31E-09	3.66E-04	2.65E-05	9.43E-07	0.000637	5.48E-09	0.000665
5387	478485.8	3850201.6	0.01301	0.01136	0.01244	0.00842	2.44E-05	1E-06	0.00027	9.4E-09	0.0003	3.00E-05	1.22123E-06	0.000333	5.27E-09	3.64E-04	2.64E-05	9.39E-07	0.000634	5.44E-09	0.000661
5388	479113.21	3850501.53	0.01577	0.0137	0.01453	0.00947	2.96E-05	1.2E-06	0.00032	1.1E-08	0.00035	3.63E-05	1.47278E-06	0.000389	5.92E-09	4.26E-04	3.2E-05	1.13E-06	0.00074	6.12E-09	0.000773
5389	479108.11	3850382.28	0.01569	0.01381	0.01432	0.00934	2.95E-05	1.2E-06	0.00031	1E-08	0.00034	3.61E-05	1.48461E-06	0.000383	5.84E-09	4.21E-04	3.19E-05	1.14E-06	0.000729	6.03E-09	0.000762
5390	479689.85	3850674.28	0.01866	0.01687	0.01681	0.0109	3.51E-05	1.5E-06	0.00037	1.2E-08	0.0004	4.30E-05	1.81356E-06	0.00045	6.82E-09	4.94E-04	3.79E-05	1.4E-06	0.000856	7.04E-09	0.000895
5391	479952.42	3850774.28	0.02053	0.01891	0.01874	0.01243	3.86E-05	1.7E-06	0.00041	1.4E-08	0.00045	4.73E-05	2.03287E-06	0.000501	7.77E-09	5.51E-04	4.17E-05	1.56E-06	0.000954	8.03E-09	0.000998
5392	479911.32	3850884.85	0.02022	0.01828	0.01812	0.01177	3.80E-05	1.6E-06	0.00039	1.3E-08	0.00043	4.66E-05	1.96514E-06	0.000485	7.36E-09	5.33E-04	4.11E-05	1.51E-06	0.000923	7.6E-09	0.000965
5393	480500.92	3851178.12	0.02483	0.02304	0.02276	0.0164	4.67E-05	2E-06	0.00049	1.8E-08	0.00054	5.72E-05	2.47685E-06	0.000609	1.03E-08	6.68E-04	5.04E-05	1.91E-06	0.001159	1.06E-08	0.001212
5394	480738.01	3851289.27	0.02677	0.02496	0.02488	0.01876	5.03E-05	2.2E-06	0.00054	2.1E-08	0.00059	6.16E-05	2.68326E-06	0.000665	1.17E-08	7.30E-04	5.44E-05	2.06E-06	0.001267	1.21E-08	0.001324
5395	481055.42	3851443.58	0.02932	0.02719	0.02774	0.02182	5.51E-05	2.4E-06	0.0006	2.4E-08	0.00066	6.75E-05	2.92299E-06	0.000742	1.36E-08	8.12E-04	5.95E-05	2.25E-06	0.001413	1.41E-08	0.001475
5396	481110.22	3851443.15	0.02959	0.02731	0.02816	0.02232	5.56E-05	2.4E-06	0.00061	2.5E-08	0.00067	6.81E-05	2.93589E-06	0.000753	1.4E-08	8.24E-04	6.01E-05	2.26E-06	0.001434	1.44E-08	0.001497
5397	481111.1	3851417.45	0.02942	0.0271	0.0281	0.0223	5.53E-05	2.4E-06	0.00061	2.5E-08	0.00067	6.77E-05	2.91331E-06	0.000752	1.39E-08	8.22E-04	5.97E-05	2.24E-06	0.001431	1.44E-08	0.001493
5398	482248.44	3852605.09	0.05018	0.04425	0.04396	0.03447	9.43E-05	3.9E-06	0.00095	3.9E-08	0.00105	1.16E-04	4.75697E-06	0.001176	2.16E-08	1.30E-03	0.000102	3.66E-06	0.002239	2.23E-08	0.002344
5399	482273.34	3852632.31	0.051	0.04493	0.04452	0.03483	9.58E-05	3.9E-06	0.00097	3.9E-08	0.00107	1.17E-04	4.83008E-06	0.001191	2.18E-08	1.31E-03	0.000104	3.72E-06	0.002267	2.25E-08	0.002375
5400	482665.46	3853038.72	0.0682	0.05706	0.05464	0.04165	1.28E-04	5E-06	0.00119	4.7E-08	0.00132	1.57E-04	6.13408E-06	0.001461	2.6E-08	1.62E-03	0.000138	4.72E-06	0.002783	2.69E-08	0.002926
5401	483077.95	3853844.31	0.7379	0.11086	0.07798	0.04442	1.39E-03	9.7E-06	0.00169	5E-08	0.00309	1.70E-03	1.19177E-05	0.002086	2.78E-08	3.80E-03	0.001498	9.17E-06	0.003972	2.87E-08	0.005479
5402	483121.38	3853909.38	0.69636	0.12008	0.08213	0.04519	1.31E-03	1.1E-05	0.00178	5E-08	0.0031	1.60E-03	1.29089E-05	0.002197	2.83E-08	3.81E-03	0.001414	9.93E-06	0.004183	2.92E-08	0.005607
5403	483492.64	3853911.49	0.35023	0.13882	0.10569	0.05721	6.58E-04	1.2E-05	0.0023	6.4E-08	0.00297	8.07E-04	1.49235E-05	0.002827	3.58E-08	3.65E-03	0.000711	1.15E-05	0.005383	3.7E-08	0.006105
5404	483498.29	3854204.73	0.48032	0.21312	0.1205	0.05358	9.03E-04	1.9E-05	0.00262	6E-08	0.00354	1.11E-03	2.29109E-05	0.003223	3.35E-08	4.35E-03	0.000975	1.76E-05	0.006137	3.46E-08	0.00713
5405	484132.44	3854662.55	0.9762	0.58112	0.25622	0.05247	1.83E-03	5.1E-05	0.00556	5.9E-08	0.00745	2.25E-03	6.24717E-05	0.006853	3.28E-08	9.16E-03	0.001982	4.81E-05	0.013049	3.39E-08	0.01508
5406	484627.62	3854876.13	3.59205	4.66684	1.0024	0.08763	6.75E-03	0.00041	0.02177	9.8E-08	0.02893	8.27E-03	0.000501696	0.02681	5.48E-08	3.56E-02	0.007293	0.000386	0.051053	5.66E-08	0.058732
5407	484756.14	3854949.04	3.34914	6.39852	2.62996	0.10774	6.29E-03	0.00056	0.05711	1.2E-07	0.06397	7.71E-03	0.000687855	0.07034	6.74E-08	7.87E-02	0.0068	0.000529	0.133945	6.96E-08	0.141275
5408	486697.51	3856599.17	3.48053	0.37192	4.47272	1.75495	6.54E-03	3.3E-05	0.09713	2E-06	0.1037	8.02E-03	3.99822E-05	0.119626	1.1E-06	1.28E-01	0.007067	3.08E-05	0.227798	1.13E-06	0.234897
5409	487105.31	3856962.27	3.25183	1.0763	4.42864	2.03933	6.11E-03	9.4E-05	0.09617	2.3E-06	0.10238	7.49E-03	0.000115705	0.118447	1.28E-06	1.26E-01	0.006602	8.9E-05	0.225553	1.32E-06	0.232246
5410	487157.57	3856901.7	2.47771	0.75267	3.33924	1.68178	4.66E-03	6.6E-05	0.07251	1.9E-06	0.07724	5.71E-03	8.09137E-05	0.08931	1.05E-06	9.51E-02	0.005031	6.22E-05	0.170069	1.09E-06	0.175163
5411	487173.5	3856853.74	2.19387	0.61079	2.96334	1.53404	4.12E-03	5.4E-05	0.06435	1.7E-06	0.06853	5.05E-03	6.56613E-05	0.079257	9.59E-07	8.44E-02	0.004454	5.05E-05	0.150925	9.91E-07	0.15543
5412	487564.41	3856860.83	1.29026	0.83792	1.80957	1.1784	2.42E-03	7.4E-05	0.0393	1.3E-06	0.0418	2.97E-03	9.00783E-05	0.048398	7.37E-07	5.15E-02	0.00262	6.93E-05	0.092162	7.61E-07	0.094852
5413	487563.31	3856931.58	1.30769	1.26508	1.89563	1.27413	2.46E-03	0.00011	0.04117	1.4E-06	0.04374	3.01E-03	0.000135999	0.0507	7.97E-07	5.38E-02	0.002655	0.000105	0.096546	8.23E-07	0.099306
5414	487782.7	3856926.85	1.05705	1.31662	1.48834	1.13417	1.99E-03	0.00012	0.03232	1.3E-06	0.03442	2.43E-03	0.00014154	0.039807	7.09E-07	4.24E-02	0.002146	0.000109	0.075802	7.33E-07	0.078058
5415	487782.39	3856757.07	1.02069	0.6248	1.39163	0.96842	1.92E-03	5.5E-05	0.03022	1.1E-06	0.03219	2.35E-03	6.71674E-05	0.03722	6.06E-07	3.96E-02	0.002072	5.17E-05	0.070877	6.26E-07	0.073001
5416	487917.26	3856752.41	0.92121	0.66227	1.24858	0.92512	1.73E-03	5.8E-05	0.02711	1E-06	0.0289	2.12E-03	7.11955E-05	0.033394	5.79E-07	3.56E-02	0.00187	5.48E-05	0.063591	5.98E-07	0.065517
5417	487919.57	3856953.35	0.94768	1.45857	1.30934	1.0975	1.78E-03	0.00013	0.02843	1.2E-06	0.03034	2.18E-03	0.0001568	0.035019	6.86E-07	3.74E-02	0.001924	0.000121	0.066685	7.09E-07	0.068731
5418	487932.76	3857000.32	0.94101	1.75478	1.29511	1.12577	1.77E-03	0.00015	0.02812	1.3E-06	0.03005	2.17E-03	0.000188643	0.034639	7.04E-07	3.70E-02	0.001911	0.000145	0.065961	7.27E-07	0.068017
5419	487960.5	3857044.75	0.92398	2.03605	1.25538	1.14931	1.74E-03	0.00018	0.02726	1.3E-06	0.02918	2.13E-03	0.00021888	0.033576	7.19E-07	3.59E-02	0.001876	0.000168	0.063937	7.42E-07	0.065982
5420	488016.54	3857089.54	0.89153	2.24817	1.17996	1.15749	1.68E-03	0.0002	0.02562	1.3E-06	0.0275	2.05E-03	0.000241683	0.031559	7.24E-07	3.39E-02	0.00181	0.000186	0.060096	7.48E-07	0.062093
5421	488114.39	3857165.47	0.84227	2.42307	1.05404	1.17922	1.58E-03	0.00021	0.02289	1.3E-06	0.02469	1.94E-03	0.000260485	0.028191	7.38E-07	3.04E-02	0.00171	0.0002	0.053683	7.62E-07	0.055594
5422	488171.49	3857234.24	0.8199	2.47928	0.97541	1.22466	1.54E-03	0.00022	0.02118	1.4E-06	0.02294	1.89E-03	0.000266528	0.026088	7.66E-07	2.82E-02	0.001665	0.000205	0.049678	7.91E-07	0.051549
5423	488193.16	3857297.8	0.81742	2.49614	0.92933	1.29566	1.54E-03	0.00022	0.02018	1.4E-06	0.02194	1.88E-03	0.000268341	0.024856	8.1E-07	2.70E-02	0.00166	0.000206	0.047331	8.37E-07	0.049198
5424	488189.27	3857649.94	0.94092	1.53782	0.72251	1.93104	1.77E-03	0.00013	0.01569	2.2E-06	0.0176	2.17E-03	0.000165319	0.019324	1.21E-06	2.17E-02	0.00191	0.000127	0.036798	1.25E-06	0.038837
5425	488127.43	3857732.32	1.03795	1.28437	0.62102	2.29934	1.95E-03	0.00011	0.01349	2.6E-06	0.01555	2.39E-03	0.000138073	0.01661	1.44E-06	1.91E-02	0.002107	0.000106	0.031629	1.49E-06	0.033844

5426	488149.93	3857752.94	1.00212	1.19483	0.5665	2.29419	1.88E-03	0.0001	0.0123	2.6E-06	0.01429	2.31E-03	0.000128447	0.015151	1.43E-06	1.76E-02	0.002035	9.88E-05	0.028852	1.48E-06	0.030987
5427	488144.76	3857758.71	1.00827	1.17864	0.55777	2.32483	1.89E-03	0.0001	0.01211	2.6E-06	0.01411	2.32E-03	0.000126706	0.014918	1.45E-06	1.74E-02	0.002047	9.75E-05	0.028408	1.5E-06	0.030554
5428	488335.58	3857932.55	0.71598	0.67953	0.3206	2.28375	1.35E-03	6E-05	0.00696	2.6E-06	0.00837	1.65E-03	7.3051E-05	0.008575	1.43E-06	1.03E-02	0.001454	5.62E-05	0.016328	1.48E-06	0.01784
5429	488372.29	3857943.79	0.68932	0.65613	0.31212	2.13151	1.30E-03	5.8E-05	0.00678	2.4E-06	0.00813	1.59E-03	7.05354E-05	0.008348	1.33E-06	1.00E-02	0.0014	5.43E-05	0.015896	1.38E-06	0.017352
5430	488828.64	3857936.4	0.50916	0.58388	0.29938	1.1096	9.57E-04	5.1E-05	0.0065	1.2E-06	0.00751	1.17E-03	6.27684E-05	0.008007	6.94E-07	9.24E-03	0.001034	4.83E-05	0.015248	7.17E-07	0.01633
5431	488829.08	3857959.58	0.50537	0.56181	0.28957	1.08611	9.50E-04	4.9E-05	0.00629	1.2E-06	0.00729	1.16E-03	6.03958E-05	0.007745	6.79E-07	8.97E-03	0.001026	4.65E-05	0.014748	7.02E-07	0.015821
5432	488351.61	3857964.55	0.69428	0.62547	0.29851	2.21534	1.30E-03	5.5E-05	0.00648	2.5E-06	0.00784	1.60E-03	6.72394E-05	0.007984	1.39E-06	9.65E-03	0.00141	5.17E-05	0.015203	1.43E-06	0.016666
5433	488316.87	3857947.65	0.72169	0.65601	0.30998	2.38827	1.36E-03	5.8E-05	0.00673	2.7E-06	0.00815	1.66E-03	7.05225E-05	0.008291	1.49E-06	1.00E-02	0.001465	5.43E-05	0.015787	1.54E-06	0.017309
5434	488129.1	3857775.77	1.02533	1.12879	0.53018	2.43325	1.93E-03	9.9E-05	0.01151	2.7E-06	0.01354	2.36E-03	0.000121347	0.01418	1.52E-06	1.67E-02	0.002082	9.33E-05	0.027002	1.57E-06	0.029179
5435	488062.53	3857846.13	1.06924	0.91883	0.41369	3.18505	2.01E-03	8.1E-05	0.00898	3.6E-06	0.01108	2.46E-03	9.87763E-05	0.011064	1.99E-06	1.36E-02	0.002171	7.6E-05	0.021069	2.06E-06	0.023318
5436	488330.41	3858091.34	0.69074	0.4655	0.23958	1.66751	1.30E-03	4.1E-05	0.0052	1.9E-06	0.00654	1.59E-03	5.00423E-05	0.006408	1.04E-06	8.05E-03	0.001402	3.85E-05	0.012202	1.08E-06	0.013644
5437	488470.87	3858174.45	0.63442	0.38921	0.20983	1.01654	1.19E-03	3.4E-05	0.00456	1.1E-06	0.00578	1.46E-03	4.18409E-05	0.005612	6.36E-07	7.12E-03	0.001288	3.22E-05	0.010687	6.57E-07	0.012008
5438	488568.9	3858262.31	0.62717	0.32483	0.18492	0.71532	1.18E-03	2.8E-05	0.00402	8E-07	0.00522	1.44E-03	3.492E-05	0.004946	4.47E-07	6.43E-03	0.001273	2.69E-05	0.009418	4.62E-07	0.010719
5439	488964.27	3858025.71	0.46337	0.48577	0.25989	0.88322	8.71E-04	4.3E-05	0.00564	9.9E-07	0.00656	1.07E-03	5.22214E-05	0.006951	5.52E-07	8.07E-03	0.000941	4.02E-05	0.013236	5.71E-07	0.014218
5440	489147.25	3857956.64	0.43462	0.51546	0.27826	0.81066	8.17E-04	4.5E-05	0.00604	9.1E-07	0.00691	1.00E-03	5.54131E-05	0.007442	5.07E-07	8.50E-03	0.000882	4.26E-05	0.014172	5.24E-07	0.015098
5441	489343.52	3857932.45	0.40383	0.50464	0.2773	0.71037	7.59E-04	4.4E-05	0.00602	7.9E-07	0.00683	9.30E-04	5.42499E-05	0.007417	4.44E-07	8.40E-03	0.00082	4.17E-05	0.014123	4.59E-07	0.014985
5442	489866.19	3857923.19	0.33427	0.4315	0.25203	0.51741	6.28E-04	3.8E-05	0.00547	5.8E-07	0.00614	7.70E-04	4.63872E-05	0.006741	3.24E-07	7.56E-03	0.000679	3.57E-05	0.012836	3.34E-07	0.013551
5443	489955.65	3857902.27	0.32599	0.42719	0.25187	0.49704	6.13E-04	3.7E-05	0.00547	5.6E-07	0.00612	7.51E-04	4.59239E-05	0.006736	3.11E-07	7.53E-03	0.000662	3.53E-05	0.012828	3.21E-07	0.013525
5444	490079.44	3857847.9	0.31731	0.4237	0.25454	0.48398	5.96E-04	3.7E-05	0.00553	5.4E-07	0.00616	7.31E-04	4.55487E-05	0.006808	3.03E-07	7.58E-03	0.000644	3.5E-05	0.012964	3.13E-07	0.013643
5445	490108.49	3857934.13	0.30793	0.39373	0.23713	0.45578	5.79E-04	3.5E-05	0.00515	5.1E-07	0.00576	7.09E-04	4.23269E-05	0.006342	2.85E-07	7.09E-03	0.000625	3.26E-05	0.012077	2.94E-07	0.012735
5446	489884.48	3858014.17	0.32499	0.39258	0.23248	0.48413	6.11E-04	3.4E-05	0.00505	5.4E-07	0.00569	7.48E-04	4.22032E-05	0.006218	3.03E-07	7.01E-03	0.00066	3.25E-05	0.01184	3.13E-07	0.012533
5447	489326.56	3858025.86	0.39642	0.44694	0.25083	0.66524	7.45E-04	3.9E-05	0.00545	7.4E-07	0.00623	9.13E-04	4.80471E-05	0.006709	4.16E-07	7.67E-03	0.000805	3.7E-05	0.012775	4.3E-07	0.013617
5448	489130.38	3858056.71	0.42669	0.44942	0.24773	0.73814	8.02E-04	3.9E-05	0.00538	8.2E-07	0.00622	9.83E-04	4.83137E-05	0.006626	4.62E-07	7.66E-03	0.000866	3.72E-05	0.012617	4.77E-07	0.013521
5449	488936.49	3858143.93	0.46242	0.40659	0.22194	0.75647	8.69E-04	3.6E-05	0.00482	8.5E-07	0.00573	1.06E-03	4.37093E-05	0.005936	4.73E-07	7.04E-03	0.000939	3.36E-05	0.011304	4.89E-07	0.012277
5450	488638.08	3858327.45	0.62169	0.29149	0.17182	0.57253	1.17E-03	2.6E-05	0.00373	6.4E-07	0.00493	1.43E-03	3.13358E-05	0.004595	3.58E-07	6.06E-03	0.001262	2.41E-05	0.008751	3.7E-07	0.010038
5451	488663.79	3858349.57	0.6189	0.28193	0.16794	0.5348	1.16E-03	2.5E-05	0.00365	6E-07	0.00484	1.43E-03	3.03081E-05	0.004492	3.34E-07	5.95E-03	0.001257	2.33E-05	0.008553	3.45E-07	0.009834
5452	488694.56	3858349.5	0.59821	0.28295	0.16756	0.5317	1.12E-03	2.5E-05	0.00364	5.9E-07	0.00479	1.38E-03	3.04178E-05	0.004482	3.33E-07	5.89E-03	0.001215	2.34E-05	0.008534	3.43E-07	0.009772
5453	488694.35	3858336.75	0.59083	0.28905	0.16969	0.55046	1.11E-03	2.5E-05	0.00368	6.2E-07	0.00482	1.36E-03	3.10735E-05	0.004538	3.44E-07	5.93E-03	0.0012	2.39E-05	0.008642	3.56E-07	0.009866
5454	488712.81	3858336.38	0.57964	0.28995	0.16963	0.54861	1.09E-03	2.5E-05	0.00368	6.1E-07	0.0048	1.33E-03	3.11703E-05	0.004537	3.43E-07	5.90E-03	0.001177	2.4E-05	0.008639	3.54E-07	0.009841
5455	488713.23	3858367.46	0.59738	0.27523	0.16444	0.50521	1.12E-03	2.4E-05	0.00357	5.6E-07	0.00472	1.38E-03	2.95878E-05	0.004398	3.16E-07	5.80E-03	0.001213	2.28E-05	0.008375	3.26E-07	0.009611
5456	488704.63	3858384.05	0.61465	0.26762	0.16197	0.48457	1.16E-03	2.3E-05	0.00352	5.4E-07	0.0047	1.42E-03	2.87697E-05	0.004332	3.03E-07	5.78E-03	0.001248	2.21E-05	0.008249	3.13E-07	0.00952
5457	488604.15	3858488.29	0.87722	0.23111	0.15018	0.38184	1.65E-03	2E-05	0.00326	4.3E-07	0.00493	2.02E-03	2.48448E-05	0.004017	2.39E-07	6.06E-03	0.001781	1.91E-05	0.007649	2.47E-07	0.009449
5458	488605.66	3858550.47	1.07485	0.21469	0.14281	0.33792	2.02E-03	1.9E-05	0.0031	3.8E-07	0.00514	2.48E-03	2.30797E-05	0.00382	2.11E-07	6.32E-03	0.002182	1.78E-05	0.007273	2.18E-07	0.009474
5459	488692.68	3858548.71	0.85144	0.21379	0.14169	0.33563	1.60E-03	1.9E-05	0.00308	3.8E-07	0.0047	1.96E-03	2.29829E-05	0.00379	2.1E-07	5.77E-03	0.001729	1.77E-05	0.007216	2.17E-07	0.008963
5460	488759.93	3858461.81	0.63555	0.23928	0.15064	0.39941	1.19E-03	2.1E-05	0.00327	4.5E-07	0.00449	1.46E-03	2.57231E-05	0.004029	2.5E-07	5.52E-03	0.00129	1.98E-05	0.007672	2.58E-07	0.008983
5461	488816.57	3858541.79	0.66561	0.21528	0.14047	0.33667	1.25E-03	1.9E-05	0.00305	3.8E-07	0.00432	1.53E-03	2.31431E-05	0.003757	2.11E-07	5.31E-03	0.001351	1.78E-05	0.007154	2.17E-07	0.008524
5462	488944.63	3858656.77	0.66421	0.18826	0.12752	0.27313	1.25E-03	1.7E-05	0.00277	3.1E-07	0.00403	1.53E-03	2.02384E-05	0.003411	1.71E-07	4.96E-03	0.001349	1.56E-05	0.006495	1.76E-07	0.007859
5463	489134.91	3858830.7	0.53005	0.15748	0.11173	0.21179	9.96E-04	1.4E-05	0.00243	2.4E-07	0.00344	1.22E-03	1.69295E-05	0.002988	1.32E-07	4.23E-03	0.001076	1.3E-05	0.00569	1.37E-07	0.00678
5464	489193.99	3858886.05	0.41251	0.14951	0.10744	0.1976	7.75E-04	1.3E-05	0.00233	2.2E-07	0.00312	9.50E-04	1.60727E-05	0.002874	1.24E-07	3.84E-03	0.000838	1.24E-05	0.005472	1.28E-07	0.006322
5465	489295.2	3858954.34	0.29791	0.14018	0.10205	0.18188	5.60E-04	1.2E-05	0.00222	2E-07	0.00279	6.86E-04	1.50697E-05	0.002729	1.14E-07	3.43E-03	0.000605	1.16E-05	0.005197	1.17E-07	0.005814
5466	489295.64	3858992.74	0.2668	0.13594	0.09998	0.17528	5.01E-04	1.2E-05	0.00217	2E-07	0.00268	6.14E-04	1.46139E-05	0.002674	1.1E-07	3.30E-03	0.000542	1.12E-05	0.005092	1.13E-07	0.005645
5467	489183.74	3858911.72	0.38648	0.14652	0.10611	0.19259	7.26E-04	1.3E-05	0.0023	2.2E-07	0.00304	8.90E-04	1.57512E-05	0.002838	1.2E-07	3.74E-03	0.000785	1.21E-05	0.005404	1.24E-07	0.006201
5468	488873.37	3858625.59	0.70912	0.19513	0.13143	0.28861	1.33E-03	1.7E-05	0.00285	3.2E-07	0.0042	1.63E-03	2.09769E-05	0.003515	1.81E-07	5.17E-03	0.00144	1.61E-05	0.006694	1.86E-07	0.00815
5469	488842.84	3858658.69	0.81783	0.18837	0.12884	0.27485	1.54E-03	1.7E-05	0.0028	3.1E-07	0.00435	1.88E-03	2.02502E-05	0.003446	1.72E-07	5.35E-03	0.001661	1.56E-05	0.006562	1.78E-07	0.008238
5470	488856.39	3858670.93	0.81855	0.18613	0.12771	0.26946	1.54E-03	1.6E-05	0.00277	3E-07	0.00433	1.88E-03	2.00094E-05	0.003416	1.69E-07	5.32E-03	0.001662	1.54E-05	0.006504	1.74E-07	0.008182
5471	488805.7	3858724.5	1.15152	0.17733	0.12384	0.25248	2.16E-03	1.6E-05	0.00269	2.8E-07	0.00487	2.65E-03	1.90634E-05	0.003312	1.58E-07	5.98E-03	0.002338	1.47E-05	0.006307	1.63E-07	0.00866
5472	488805.87	3858804.16	1.91908	0.16469	0.11735	0.22925	3.61E-03	1.4E-05	0.00255	2.6E-07	0.00617	4.42E-03	1.77045E-05	0.003139	1.43E-07	7.58E-03	0.003896	1.36E-05	0.005977	1.48E-07	0.009887
5473	488995.78	3858936.96	0.44352	0.14567	0.10662	0.19405	8.33E-04	1.3E-05	0.00232	2.2E-07	0.00316	1.02E-03	1.56599E-05	0.002852	1.21E-07	3.89E-03	0.000901	1.2E-05	0.00543	1.25E-07	0.006343
5474	489130.76	3859017.38	0.26245	0.13586	0.10084	0.17652	4.93E-04	1.2E-05	0.00219	2E-07	0.0027	6.04E-04	1.46053E-05	0.002697	1.1E-07	3.32E-03	0.000533	1.12E-05	0.005136	1.14E-07	0.00568
5475	489130.92	3859052.24	0.22948	0.13251	0.09897	0.17132	4.31E-04	1.2E-05	0.00215	1.9E-07	0.00259	5.28E-04	1.42451E-05	0.002647	1.07E-07	3.19E-03	0.000466	1.1E-05	0.005041	1.11E-07	0.005518
5476	489200.33	3859090.6	0.20348	0.12806	0.09626	0.16424	3.82E-04	1.1E-05	0.00209	1.8E-07	0.00248	4.69E-04	1.37667E-05	0.002575	1.03E-07	3.06E-03	0.000413	1.06E-05	0.004903	1.06E-07	0.005326
5477	489296.07	3859143.7	0.17794	0.12218	0.09264	0.15515	3.34E-04	1.1E-05	0.00201	1.7E-07	0.00236	4.10E-04	1.31346E-05	0.002478	9.7E-08	2.90E-03	0.000361	1.01E-05	0.004718	1E-07	0.00509
5478	489296.43	3858954.74	0.29725	0.14012	0.10201	0.18179	5.59E-04	1.2E-05	0.00222	2E-07	0.00279	6.85E-04	1.50632E-05	0.002728	1.14E-07	3.43E-03	0.000604	1.16E-05	0.005195	1.17E-07	0.005811
5479	489410.33	3859033.19	0.22667	0.13066	0.09644	0.16638	4.26E-04	1.1E-05	0.00209	1.9E-07	0.00253	5.22E-04	1.40462E-05	0.002579	1.04E-07	3.12E-03	0.00046	1.08E-05	0.004912	1.07E-07	0.005383
5480	489371.37	3859089.8	0.20115	0.12573	0.09424	0.15942	3.78E-04	1.1E-05	0.00205	1.8E-07	0.00244	4.63E-04	1.35163E-05	0.002521	9.97E-08	3.00E-03	0.000408	1.04E-05	0.0048	1.03E-07	0.005219
5481	489390.52	3859102.82	0.19453	0.12433	0.09339	0.15728	3.66E-04	1.1E-05	0.00203	1.8E-07	0.0024	4.48E-04	1.33658E-05	0.002498	9.84E-08	2.96E-03	0.000395	1.03E-05	0.004756	1.02E-07	0.005162
5482	489382.3	3859114.53	0.1897	0.1235	0.093	0.15609	3.56E-04	1.1E-05	0.00202	1.7E-07	0.00239	4.37E-04	1.32765E-05	0.002487	9.76E-08	2.94E-03	0.000385	1.02E-05	0.004737	1.01E-07	0.005132
5483	489363.04	3859102.45	0.19555	0.1248	0.0938	0.15808	3.67E-04	1.1E-05	0.00204	1.8E-07	0.00242	4.50E-04	1.34163E-05	0.002509	9.89E-08	2.97E-03	0.000397	1.03E-05	0.004777	1.02E-07	0.005185
5484	489337.52	3859140.71	0.17919	0.12187	0.09231	0.15435	3.37E-04	1.1E-05	0.002	1.7E-07	0.00235	4.13E-04	1.31013E-05	0.002469	9.65E-08	2.89E-03	0.000364	1.01E-05	0.004701	9.97E-08	0.005075
5485	489375.14	3859164.55	0.17009	0.11949	0.09084	0.15065	3.20E-04	1E-05	0.00197	1.7E-07	0.0023	3.92E-04	1.28454E-05	0.00243	9.42E-08	2.83E-03	0.000345	9.88E-06	0.004627	9.73E-08	0.004982
5486	489409.3	3859114.5	0.18898	0.12309	0.09262	0.15536	3.55E-04	1.1E-05	0.00201	1.7E-07	0.00238	4.35E-04	1.32325E-05	0.002477	9.72E-08	2.93E-03	0.000384	1.02E-05	0.004717	1E-07	0.005111

5487	489434.87	3859131.81	0.18155	0.12138	0.09156	0.15263	3.41E-04	1.1E-05	0.00199	1.7E-07	0.00234	4.18E-04	1.30486E-05	0.002449	9.55E-08	2.88E-03	0.000369	1E-05	0.004663	9.86E-08	0.005042
5488	489471.87	3859075.75	0.20207	0.126	0.09364	0.15898	3.80E-04	1.1E-05	0.00203	1.8E-07	0.00242	4.65E-04	1.35453E-05	0.002504	9.94E-08	2.98E-03	0.00041	1.04E-05	0.004769	1.03E-07	0.00519
5489	489602.62	3859164.69	0.16652	0.11694	0.08811	0.14527	3.13E-04	1E-05	0.00191	1.6E-07	0.00224	3.83E-04	1.25713E-05	0.002357	9.09E-08	2.75E-03	0.000338	9.67E-06	0.004487	9.38E-08	0.004835
5490	489558.29	3859232.45	0.1495	0.11223	0.08596	0.13895	2.81E-04	9.8E-06	0.00187	1.6E-07	0.00216	3.44E-04	1.2065E-05	0.002299	8.69E-08	2.66E-03	0.000304	9.28E-06	0.004378	8.98E-08	0.004691
5491	489620.11	3859273.56	0.13983	0.10851	0.08359	0.13374	2.63E-04	9.5E-06	0.00182	1.5E-07	0.00209	3.22E-04	1.16651E-05	0.002236	8.36E-08	2.57E-03	0.000284	8.97E-06	0.004257	8.64E-08	0.00455
5492	489666.06	3859206.42	0.15437	0.11293	0.08561	0.13953	2.90E-04	9.9E-06	0.00186	1.6E-07	0.00216	3.55E-04	1.21402E-05	0.00229	8.73E-08	2.66E-03	0.000313	9.34E-06	0.00436	9.01E-08	0.004683
5493	489787.9	3859285.65	0.13621	0.10603	0.08124	0.12965	2.56E-04	9.3E-06	0.00176	1.4E-07	0.00203	3.14E-04	1.13985E-05	0.002173	8.11E-08	2.50E-03	0.000277	8.77E-06	0.004138	8.37E-08	0.004423
5494	489752.17	3859343.13	0.12645	0.10252	0.0796	0.1251	2.38E-04	9E-06	0.00173	1.4E-07	0.00198	2.91E-04	1.10211E-05	0.002129	7.82E-08	2.43E-03	0.000257	8.48E-06	0.004054	8.08E-08	0.004319
5495	489814.94	3859385.33	0.11973	0.09932	0.07751	0.12064	2.25E-04	8.7E-06	0.00168	1.3E-07	0.00192	2.76E-04	1.06771E-05	0.002073	7.55E-08	2.36E-03	0.000243	8.21E-06	0.003948	7.79E-08	0.004199
5496	489853.42	3859330.74	0.12793	0.10241	0.07893	0.12461	2.40E-04	9E-06	0.00171	1.4E-07	0.00196	2.95E-04	1.10093E-05	0.002111	7.79E-08	2.42E-03	0.00026	8.47E-06	0.00402	8.05E-08	0.004288
5497	489969.5	3859401.91	0.11687	0.09702	0.07539	0.1172	2.20E-04	8.5E-06	0.00164	1.3E-07	0.00187	2.69E-04	1.04299E-05	0.002016	7.33E-08	2.30E-03	0.000237	8.02E-06	0.00384	7.57E-08	0.004085
5498	490166.91	3859486.96	0.10575	0.0906	0.07085	0.10903	1.99E-04	7.9E-06	0.00154	1.2E-07	0.00175	2.44E-04	9.7397E-06	0.001895	6.82E-08	2.15E-03	0.000215	7.49E-06	0.003608	7.04E-08	0.003831
5499	490128.86	3859571.46	0.09722	0.08606	0.06852	0.10343	1.83E-04	7.5E-06	0.00149	1.2E-07	0.00168	2.24E-04	9.25164E-06	0.001833	6.47E-08	2.07E-03	0.000197	7.12E-06	0.00349	6.68E-08	0.003694
5500	490186.65	3859593.65	0.09514	0.08459	0.06743	0.10145	1.79E-04	7.4E-06	0.00146	1.1E-07	0.00165	2.19E-04	9.09361E-06	0.001803	6.35E-08	2.03E-03	0.000193	7E-06	0.003434	6.55E-08	0.003634
5501	490223.74	3859517.48	0.10242	0.08866	0.06952	0.10643	1.92E-04	7.8E-06	0.00151	1.2E-07	0.00171	2.36E-04	9.53115E-06	0.001859	6.66E-08	2.10E-03	0.000208	7.33E-06	0.003541	6.88E-08	0.003756
5502	490846.34	3859817.22	0.07928	0.07406	0.05903	0.08602	1.49E-04	6.5E-06	0.00128	9.6E-08	0.00144	1.83E-04	7.96162E-06	0.001579	5.38E-08	1.77E-03	0.000161	6.12E-06	0.003006	5.56E-08	0.003174
5503	490925.65	3859844.59	0.07782	0.07312	0.05826	0.08431	1.46E-04	6.4E-06	0.00127	9.4E-08	0.00142	1.79E-04	7.86056E-06	0.001558	5.27E-08	1.75E-03	0.000158	6.05E-06	0.002967	5.45E-08	0.003131
5504	491159.29	3859896.28	0.0745	0.07112	0.05638	0.08273	1.40E-04	6.2E-06	0.00122	9.2E-08	0.00137	1.72E-04	7.64556E-06	0.001508	5.17E-08	1.69E-03	0.000151	5.88E-06	0.002871	5.34E-08	0.003029
5505	491370.69	3859960.89	0.07071	0.0683	0.05416	0.0802	1.33E-04	6E-06	0.00118	9E-08	0.00132	1.63E-04	7.3424E-06	0.001449	5.02E-08	1.62E-03	0.000144	5.65E-06	0.002758	5.18E-08	0.002908
5506	491330.28	3860063.17	0.06539	0.06274	0.05095	0.07398	1.23E-04	5.5E-06	0.00111	8.3E-08	0.00123	1.51E-04	6.74469E-06	0.001363	4.63E-08	1.52E-03	0.000133	5.19E-06	0.002595	4.78E-08	0.002733
5507	491636.45	3860180.75	0.06096	0.05949	0.04833	0.06973	1.15E-04	5.2E-06	0.00105	7.8E-08	0.00117	1.40E-04	6.39531E-06	0.001293	4.36E-08	1.44E-03	0.000124	4.92E-06	0.002461	4.5E-08	0.00259
5508	491617.94	3860203.93	0.05996	0.05842	0.04772	0.06849	1.13E-04	5.1E-06	0.00104	7.7E-08	0.00115	1.38E-04	6.28028E-06	0.001276	4.28E-08	1.42E-03	0.000122	4.83E-06	0.00243	4.42E-08	0.002557
5509	491805.68	3860271.59	0.05767	0.05669	0.04629	0.06634	1.08E-04	5E-06	0.00101	7.4E-08	0.00112	1.33E-04	6.0943E-06	0.001238	4.15E-08	1.38E-03	0.000117	4.69E-06	0.002358	4.29E-08	0.002479
5510	491654.23	3860414.02	0.05275	0.05179	0.04353	0.06032	9.91E-05	4.5E-06	0.00095	6.7E-08	0.00105	1.21E-04	5.56754E-06	0.001164	3.77E-08	1.29E-03	0.000107	4.28E-06	0.002217	3.9E-08	0.002328
5511	491592.62	3860510.76	0.04953	0.04902	0.04175	0.05723	9.31E-05	4.3E-06	0.00091	6.4E-08	0.001	1.14E-04	5.26976E-06	0.001117	3.58E-08	1.24E-03	0.000101	4.05E-06	0.002126	3.7E-08	0.002231
5512	491475.41	3860368.93	0.05337	0.05228	0.04407	0.06139	1.00E-04	4.6E-06	0.00096	6.9E-08	0.00106	1.23E-04	5.62022E-06	0.001179	3.84E-08	1.31E-03	0.000108	4.32E-06	0.002245	3.97E-08	0.002357
5513	491445.61	3860337.28	0.05433	0.05309	0.04465	0.06242	1.02E-04	4.7E-06	0.00097	7E-08	0.00108	1.25E-04	5.70729E-06	0.001194	3.9E-08	1.33E-03	0.00011	4.39E-06	0.002274	4.03E-08	0.002389
5514	491399.05	3860300.37	0.05561	0.0542	0.04546	0.06374	1.05E-04	4.8E-06	0.00099	7.1E-08	0.0011	1.28E-04	5.82662E-06	0.001216	3.99E-08	1.35E-03	0.000113	4.48E-06	0.002315	4.12E-08	0.002433
5515	491228.84	3860235.98	0.05773	0.05609	0.04699	0.06614	1.08E-04	4.9E-06	0.00102	7.4E-08	0.00113	1.33E-04	6.0298E-06	0.001257	4.14E-08	1.40E-03	0.000117	4.64E-06	0.002393	4.27E-08	0.002515
5516	491228.47	3860174.57	0.06019	0.05807	0.04827	0.0685	1.13E-04	5.1E-06	0.00105	7.7E-08	0.00117	1.39E-04	6.24266E-06	0.001291	4.28E-08	1.44E-03	0.000122	4.8E-06	0.002458	4.42E-08	0.002585
5517	491145.77	3860112.55	0.06293	0.06038	0.04993	0.07117	1.18E-04	5.3E-06	0.00108	8E-08	0.00121	1.45E-04	6.49099E-06	0.001335	4.45E-08	1.49E-03	0.000128	4.99E-06	0.002543	4.6E-08	0.002676
5518	490844.41	3859966.22	0.07045	0.06684	0.05475	0.07823	1.32E-04	5.9E-06	0.00119	8.7E-08	0.00133	1.62E-04	7.18545E-06	0.001464	4.89E-08	1.63E-03	0.000143	5.53E-06	0.002788	5.05E-08	0.002937
5519	490845.55	3859928.15	0.07251	0.0684	0.05569	0.08001	1.36E-04	6E-06	0.00121	8.9E-08	0.00135	1.67E-04	7.35315E-06	0.001489	5E-08	1.66E-03	0.000147	5.66E-06	0.002836	5.17E-08	0.002989
5520	490046.91	3859625.6	0.09261	0.08439	0.06792	0.10167	1.74E-04	7.4E-06	0.00147	1.1E-07	0.00166	2.13E-04	9.07211E-06	0.001817	6.36E-08	2.04E-03	0.000188	6.98E-06	0.003459	6.57E-08	0.003654
5521	489970.48	3859589.4	0.09601	0.08692	0.06972	0.10493	1.80E-04	7.6E-06	0.00151	1.2E-07	0.0017	2.21E-04	9.34409E-06	0.001865	6.56E-08	2.10E-03	0.000195	7.19E-06	0.003551	6.78E-08	0.003753
5522	489865.89	3859529.06	0.1021	0.0911	0.0726	0.11026	1.92E-04	8E-06	0.00158	1.2E-07	0.00178	2.35E-04	9.79345E-06	0.001942	6.9E-08	2.19E-03	0.000207	7.53E-06	0.003698	7.12E-08	0.003912
5523	489826.89	3859531.74	0.10208	0.09145	0.07294	0.11089	1.92E-04	8E-06	0.00158	1.2E-07	0.00178	2.35E-04	9.83108E-06	0.001951	6.94E-08	2.20E-03	0.000207	7.56E-06	0.003715	7.16E-08	0.00393
5524	489410.47	3859303.06	0.13483	0.1089	0.08456	0.13605	2.53E-04	9.6E-06	0.00184	1.5E-07	0.0021	3.10E-04	1.1707E-05	0.002262	8.51E-08	2.58E-03	0.000274	9.01E-06	0.004307	8.79E-08	0.00459
5525	489407.15	3859286.09	0.1379	0.11012	0.0853	0.13771	2.59E-04	9.7E-06	0.00185	1.5E-07	0.00212	3.18E-04	1.18381E-05	0.002281	8.61E-08	2.61E-03	0.00028	9.11E-06	0.004344	8.9E-08	0.004634
5526	488806.07	3858963.62	0.33768	0.1423	0.10523	0.19083	6.35E-04	1.2E-05	0.00229	2.1E-07	0.00293	7.78E-04	1.52976E-05	0.002814	1.19E-07	3.61E-03	0.000686	1.18E-05	0.005359	1.23E-07	0.006057
5527	488817.64	3859546.3	0.10219	0.08794	0.07152	0.10851	1.92E-04	7.7E-06	0.00155	1.2E-07	0.00175	2.35E-04	9.45375E-06	0.001913	6.79E-08	2.16E-03	0.000207	7.27E-06	0.003643	7.01E-08	0.003857
5528	489187.25	3859549.52	0.10423	0.09075	0.07314	0.11141	1.96E-04	8E-06	0.00159	1.2E-07	0.00179	2.40E-04	9.75583E-06	0.001956	6.97E-08	2.21E-03	0.000212	7.5E-06	0.003725	7.2E-08	0.003944
5529	489187.66	3859523.74	0.10702	0.09251	0.07433	0.11381	2.01E-04	8.1E-06	0.00161	1.3E-07	0.00182	2.46E-04	9.94503E-06	0.001988	7.12E-08	2.24E-03	0.000217	7.65E-06	0.003786	7.35E-08	0.004011
5530	489232.59	3859522.85	0.10755	0.09306	0.07469	0.11434	2.02E-04	8.2E-06	0.00162	1.3E-07	0.00183	2.48E-04	1.00042E-05	0.001998	7.15E-08	2.26E-03	0.000218	7.7E-06	0.003804	7.39E-08	0.00403
5531	489224.98	3859759.91	0.08624	0.07848	0.06464	0.09503	1.62E-04	6.9E-06	0.0014	1.1E-07	0.00157	1.99E-04	8.43678E-06	0.001729	5.94E-08	1.94E-03	0.000175	6.49E-06	0.003292	6.14E-08	0.003474
5532	488401.39	3859763.34	0.08227	0.07038	0.06181	0.08964	1.55E-04	6.2E-06	0.00134	1E-07	0.0015	1.89E-04	7.56601E-06	0.001653	5.61E-08	1.85E-03	0.000167	5.82E-06	0.003148	5.79E-08	0.003321
5533	488405.51	3859966.16	0.07116	0.06239	0.05576	0.07854	1.34E-04	5.5E-06	0.00121	8.8E-08	0.00135	1.64E-04	6.70706E-06	0.001491	4.91E-08	1.66E-03	0.000144	5.16E-06	0.00284	5.07E-08	0.00299
5534	489202.85	3859956.57	0.07439	0.06924	0.05827	0.0831	1.40E-04	6.1E-06	0.00127	9.3E-08	0.00141	1.71E-04	7.44346E-06	0.001558	5.2E-08	1.74E-03	0.000151	5.73E-06	0.002968	5.37E-08	0.003125
5535	489191.9	3860676.74	0.04867	0.04643	0.04182	0.05466	9.15E-05	4.1E-06	0.00091	6.1E-08	0.001	1.12E-04	4.99133E-06	0.001119	3.42E-08	1.24E-03	9.88E-05	3.84E-06	0.00213	3.53E-08	0.002233
5536	488392.82	3860687.88	0.04792	0.04511	0.04059	0.05297	9.01E-05	4E-06	0.00088	5.9E-08	0.00098	1.10E-04	4.84943E-06	0.001086	3.31E-08	1.20E-03	9.73E-05	3.73E-06	0.002067	3.42E-08	0.002168
5537	488392.82	3860760.27	0.04663	0.04417	0.0397	0.05131	8.76E-05	3.9E-06	0.00086	5.7E-08	0.00095	1.07E-04	4.74837E-06	0.001062	3.21E-08	1.17E-03	9.47E-05	3.65E-06	0.002022	3.31E-08	0.00212
5538	487549.05	3860777.45	0.04526	0.03914	0.03888	0.04956	8.51E-05	3.4E-06	0.00084	5.5E-08	0.00093	1.04E-04	4.20764E-06	0.00104	3.1E-08	1.15E-03	9.19E-05	3.24E-06	0.00198	3.2E-08	0.002075
5539	487554.62	3859571.83	0.08786	0.07483	0.06614	0.09977	1.65E-04	6.6E-06	0.00144	1.1E-07	0.00161	2.02E-04	8.04439E-06	0.001769	6.24E-08	1.98E-03	0.000178	6.19E-06	0.003369	6.44E-08	0.003553
5540	485949.46	3859558.54	0.07496	0.07921	0.0671	0.0905	1.41E-04	6.9E-06	0.00146	1E-07	0.00161	1.73E-04	8.51525E-06	0.001795	5.66E-08	1.98E-03	0.000152	6.55E-06	0.003417	5.85E-08	0.003576
5541	485947.55	3857943.61	0.2058	0.23974	0.2036	0.28398	3.87E-04	2.1E-05	0.00442	3.2E-07	0.00483	4.74E-04	2.57726E-05	0.005445	1.78E-07	5.95E-03	0.000418	1.98E-05	0.010369	1.83E-07	0.010807
5542	484738.38	3857940.21	0.13422	0.11263	0.1468	0.16824	2.52E-04	9.9E-06	0.00319	1.9E-07	0.00345	3.09E-04	1.2108E-05	0.003926	1.05E-07	4.25E-03	0.000273	9.31E-06	0.007477	1.09E-07	0.007759
5543	484737.06	3857535.68	0.16538	0.12476	0.18664	0.20823	3.11E-04	1.1E-05	0.00405	2.3E-07	0.00438	3.81E-04	1.3412E-05	0.004992	1.3E-07	5.39E-03	0.000336	1.03E-05	0.009506	1.35E-07	0.009852
5544	483730.2	3857530.13	0.11839	0.09754	0.13067	0.13387	2.22E-04	8.6E-06	0.00284	1.5E-07	0.00307	2.73E-04	1.04858E-05	0.003495	8.37E-08	3.78E-03	0.00024	8.07E-06	0.006655	8.65E-08	0.006904
5545	483727.27	3857130.01	0.13852	0.11319	0.15427	0.15405	2.60E-04	9.9E-06	0.00335	1.7E-07	0.00362	3.19E-04	1.21682E-05	0.004126	9.63E-08	4.46E-03	0.000281	9.36E-06	0.007857	9.95E-08	0.008148
5546	483124.42	3857123.45	0.11182	0.10163	0.12035	0.11557	2.10E-04	8.9E-06	0.00261	1.3E-07	0.00283	2.58E-04	1.09255E-05	0.003219	7.23E-08	3.49E-03	0.000227	8.4E-06	0.006129	7.47E-08	0.006365
5547	483111.13	3855921.03	0.16343	0.16809	0.16642	0.13636	3.07E-04	1.5E-05	0.00361	1.5E-07	0.00394	3.76E-04	1.80701E-05	0.004451	8.53E-08	4.85E-03	0.000332	1.39E-05	0.008476	8.81E-08	0.008822

5548	482701.73	3855918.24	0.13389	0.14569	0.13257	0.10777	2.52E-04	1.3E-05	0.00288	1.2E-07	0.00314	3.08E-04	1.5662E-05	0.003546	6.74E-08	3.87E-03	0.000272	1.2E-05	0.006752	6.96E-08	0.007036
5549	482668.02	3853521.78	0.1484	0.06991	0.05612	0.03696	2.79E-04	6.1E-06	0.00122	4.1E-08	0.0015	3.42E-04	7.51548E-06	0.001501	2.31E-08	1.85E-03	0.000301	5.78E-06	0.002858	2.39E-08	0.003165
5550	482579.91	3853219.19	0.07775	0.06179	0.05256	0.03665	1.46E-04	5.4E-06	0.00114	4.1E-08	0.00129	1.79E-04	6.64256E-06	0.001406	2.29E-08	1.59E-03	0.000158	5.11E-06	0.002677	2.37E-08	0.00284
5551	482434.06	3852961.94	0.06214	0.05381	0.04894	0.0358	1.17E-04	4.7E-06	0.00106	4E-08	0.00118	1.43E-04	5.7847E-06	0.001309	2.24E-08	1.46E-03	0.000126	4.45E-06	0.002493	2.31E-08	0.002623
5552	482332.11	3852832.85	0.05664	0.04985	0.04638	0.03458	1.06E-04	4.4E-06	0.00101	3.9E-08	0.00112	1.30E-04	5.35899E-06	0.00124	2.16E-08	1.38E-03	0.000115	4.12E-06	0.002362	2.23E-08	0.002481
5553	481334.99	3851818.96	0.03325	0.03078	0.0305	0.02358	6.25E-05	2.7E-06	0.00066	2.6E-08	0.00073	7.66E-05	3.30892E-06	0.000816	1.47E-08	8.96E-04	6.75E-05	2.55E-06	0.001553	1.52E-08	0.001623
5554	481127.62	3851646.36	0.03074	0.02853	0.02827	0.02175	5.78E-05	2.5E-06	0.00061	2.4E-08	0.00067	7.08E-05	3.06704E-06	0.000756	1.36E-08	8.30E-04	6.24E-05	2.36E-06	0.00144	1.4E-08	0.001505
5555	481025.04	3851591.73	0.02974	0.0276	0.02719	0.02063	5.59E-05	2.4E-06	0.00059	2.3E-08	0.00065	6.85E-05	2.96706E-06	0.000727	1.29E-08	7.99E-04	6.04E-05	2.28E-06	0.001385	1.33E-08	0.001447
5556	480513.6	3851335.76	0.02503	0.02268	0.02223	0.0155	4.70E-05	2E-06	0.00048	1.7E-08	0.00053	5.76E-05	2.43815E-06	0.000595	9.69E-09	6.55E-04	5.08E-05	1.88E-06	0.001132	1E-08	0.001185
5557	480523.56	3851317.66	0.02511	0.02285	0.02241	0.01576	4.72E-05	2E-06	0.00049	1.8E-08	0.00054	5.78E-05	2.45643E-06	0.000599	9.86E-09	6.60E-04	5.1E-05	1.89E-06	0.001141	1.02E-08	0.001194
5558	476921.56	3849569.11	0.01125	0.01001	0.01108	0.00809	2.11E-05	8.8E-07	0.00024	9E-09	0.00026	2.59E-05	1.0761E-06	0.000296	5.06E-09	3.23E-04	2.28E-05	8.28E-07	0.000564	5.23E-09	0.000588
5559	476521.19	3849373.96	0.01045	0.00948	0.01029	0.0076	1.96E-05	8.3E-07	0.00022	8.5E-09	0.00024	2.41E-05	1.01912E-06	0.000275	4.75E-09	3.00E-04	2.12E-05	7.84E-07	0.000524	4.91E-09	0.000546
5560	476391.45	3849333.38	0.01034	0.0094	0.01018	0.00755	1.94E-05	8.2E-07	0.00022	8.4E-09	0.00024	2.38E-05	1.01052E-06	0.000272	4.72E-09	2.97E-04	2.1E-05	7.77E-07	0.000518	4.88E-09	0.00054
5561	476219.41	3849304.29	0.01025	0.00936	0.01008	0.00752	1.93E-05	8.2E-07	0.00022	8.4E-09	0.00024	2.36E-05	1.00622E-06	0.00027	4.7E-09	2.94E-04	2.08E-05	7.74E-07	0.000513	4.86E-09	0.000535
5562	475679.11	3849218.47	0.00977	0.00915	0.00957	0.00714	1.84E-05	8E-07	0.00021	8E-09	0.00023	2.25E-05	9.83646E-07	0.000256	4.47E-09	2.79E-04	1.98E-05	7.57E-07	0.000487	4.61E-09	0.000508
5563	475677.71	3849233.88	0.00983	0.0092	0.00963	0.0072	1.85E-05	8.1E-07	0.00021	8E-09	0.00023	2.26E-05	9.89021E-07	0.000258	4.5E-09	2.81E-04	2E-05	7.61E-07	0.00049	4.65E-09	0.000511
5564	475492.74	3849204.66	0.0089	0.00863	0.0088	0.00608	1.67E-05	7.6E-07	0.00019	6.8E-09	0.00021	2.05E-05	9.27744E-07	0.000235	3.8E-09	2.57E-04	1.81E-05	7.14E-07	0.000448	3.93E-09	0.000467
5565	475497.64	3849158.75	0.00911	0.00876	0.00898	0.0064	1.71E-05	7.7E-07	0.0002	7.2E-09	0.00021	2.10E-05	9.4172E-07	0.00024	4E-09	2.62E-04	1.85E-05	7.24E-07	0.000457	4.13E-09	0.000477
5566	475391.35	3849141.94	0.00933	0.00889	0.00916	0.00672	1.75E-05	7.8E-07	0.0002	7.5E-09	0.00022	2.15E-05	9.55695E-07	0.000245	4.2E-09	2.67E-04	1.89E-05	7.35E-07	0.000467	4.34E-09	0.000486
5567	475277	3849095.47	0.0093	0.00884	0.00913	0.00676	1.75E-05	7.8E-07	0.0002	7.6E-09	0.00022	2.14E-05	9.5032E-07	0.000244	4.23E-09	2.67E-04	1.89E-05	7.31E-07	0.000465	4.37E-09	0.000485
5568	475183.93	3849025.66	0.00912	0.00868	0.00895	0.00663	1.71E-05	7.6E-07	0.00019	7.4E-09	0.00021	2.10E-05	9.33119E-07	0.000239	4.15E-09	2.61E-04	1.85E-05	7.18E-07	0.000456	4.28E-09	0.000475
5569	474453.23	3848378.77	0.00789	0.00748	0.00779	0.0058	1.48E-05	6.6E-07	0.00017	6.5E-09	0.00018	1.82E-05	8.04117E-07	0.000208	3.63E-09	2.27E-04	1.6E-05	6.19E-07	0.000397	3.75E-09	0.000413
5570	474569.63	3848399.34	0.00784	0.00745	0.00776	0.00573	1.47E-05	6.5E-07	0.00017	6.4E-09	0.00018	1.81E-05	8.00892E-07	0.000208	3.58E-09	2.26E-04	1.59E-05	6.16E-07	0.000395	3.7E-09	0.000412
5571	474644.33	3848464.52	0.00797	0.00757	0.00788	0.00583	1.50E-05	6.6E-07	0.00017	6.5E-09	0.00019	1.84E-05	8.13792E-07	0.000211	3.65E-09	2.30E-04	1.62E-05	6.26E-07	0.000401	3.77E-09	0.000418
5572	474719.04	3848529.7	0.00809	0.00769	0.00799	0.00591	1.52E-05	6.7E-07	0.00017	6.6E-09	0.00019	1.86E-05	8.26692E-07	0.000214	3.7E-09	2.33E-04	1.64E-05	6.36E-07	0.000407	3.82E-09	0.000424
5573	474793.74	3848594.88	0.00816	0.00777	0.00806	0.00593	1.53E-05	6.8E-07	0.00018	6.6E-09	0.00019	1.88E-05	8.35292E-07	0.000216	3.71E-09	2.35E-04	1.66E-05	6.43E-07	0.000411	3.83E-09	0.000428
5574	474868.45	3848660.07	0.00819	0.00783	0.0081	0.00589	1.54E-05	6.9E-07	0.00018	6.6E-09	0.00019	1.89E-05	8.41743E-07	0.000217	3.68E-09	2.36E-04	1.66E-05	6.48E-07	0.000413	3.8E-09	0.00043
5575	474943.15	3848725.25	0.00828	0.00792	0.00818	0.00592	1.56E-05	6.9E-07	0.00018	6.6E-09	0.00019	1.91E-05	8.51418E-07	0.000219	3.7E-09	2.39E-04	1.68E-05	6.55E-07	0.000417	3.82E-09	0.000434
5576	475017.86	3848790.43	0.00843	0.00807	0.00832	0.00604	1.58E-05	7.1E-07	0.00018	6.7E-09	0.0002	1.94E-05	8.67543E-07	0.000223	3.78E-09	2.43E-04	1.71E-05	6.67E-07	0.000424	3.9E-09	0.000442
5577	475092.56	3848855.61	0.00862	0.00824	0.0085	0.0062	1.62E-05	7.2E-07	0.00018	6.9E-09	0.0002	1.99E-05	8.85818E-07	0.000227	3.88E-09	2.48E-04	1.75E-05	6.81E-07	0.000433	4.01E-09	0.000451
5578	475232.58	3848959.38	0.00889	0.00847	0.00875	0.00641	1.67E-05	7.4E-07	0.00019	7.2E-09	0.00021	2.05E-05	9.10544E-07	0.000234	4.01E-09	2.55E-04	1.81E-05	7E-07	0.000446	4.14E-09	0.000464
5579	475368.47	3849029.98	0.009	0.00859	0.00886	0.00645	1.69E-05	7.5E-07	0.00019	7.2E-09	0.00021	2.07E-05	9.23444E-07	0.000237	4.03E-09	2.59E-04	1.83E-05	7.1E-07	0.000451	4.17E-09	0.00047
5580	475609.57	3849096.09	0.00906	0.00865	0.00895	0.00644	1.70E-05	7.6E-07	0.00019	7.2E-09	0.00021	2.09E-05	9.29894E-07	0.000239	4.03E-09	2.61E-04	1.84E-05	7.15E-07	0.000456	4.16E-09	0.000475
5581	475680.68	3849116.62	0.00925	0.00877	0.00913	0.00666	1.74E-05	7.7E-07	0.0002	7.4E-09	0.00022	2.13E-05	9.42795E-07	0.000244	4.17E-09	2.66E-04	1.88E-05	7.25E-07	0.000465	4.3E-09	0.000485
5582	475843.76	3849151.52	0.00948	0.0089	0.00935	0.00689	1.78E-05	7.8E-07	0.0002	7.7E-09	0.00022	2.18E-05	9.5677E-07	0.00025	4.31E-09	2.73E-04	1.92E-05	7.36E-07	0.000476	4.45E-09	0.000496
5583	475935.73	3849165.89	0.0097	0.009	0.00955	0.00711	1.82E-05	7.9E-07	0.00021	7.9E-09	0.00023	2.23E-05	9.6752E-07	0.000255	4.45E-09	2.79E-04	1.97E-05	7.44E-07	0.000486	4.59E-09	0.000507
5584	476027.71	3849180.27	0.00987	0.00906	0.00972	0.00725	1.85E-05	7.9E-07	0.00021	8.1E-09	0.00023	2.27E-05	9.7397E-07	0.00026	4.53E-09	2.84E-04	2E-05	7.49E-07	0.000495	4.68E-09	0.000516
5585	476119.68	3849194.64	0.00975	0.00903	0.00962	0.00712	1.83E-05	7.9E-07	0.00021	8E-09	0.00023	2.25E-05	9.70745E-07	0.000257	4.45E-09	2.81E-04	1.98E-05	7.47E-07	0.00049	4.6E-09	0.00051
5586	476211.65	3849209.01	0.00977	0.00904	0.00964	0.00711	1.84E-05	7.9E-07	0.00021	7.9E-09	0.00023	2.25E-05	9.7182E-07	0.000258	4.45E-09	2.81E-04	1.98E-05	7.48E-07	0.000491	4.59E-09	0.000512
5587	476497.8	3849283.9	0.01	0.00918	0.00988	0.00724	1.88E-05	8.1E-07	0.00021	8.1E-09	0.00023	2.30E-05	9.86871E-07	0.000264	4.53E-09	2.88E-04	2.03E-05	7.59E-07	0.000503	4.68E-09	0.000524
5588	476603.73	3849323.77	0.01016	0.00928	0.01004	0.00736	1.91E-05	8.1E-07	0.00022	8.2E-09	0.00024	2.34E-05	9.97621E-07	0.000269	4.6E-09	2.93E-04	2.06E-05	7.67E-07	0.000511	4.75E-09	0.000533
5589	476728.99	3849382.76	0.01036	0.00941	0.01024	0.0075	1.95E-05	8.3E-07	0.00022	8.4E-09	0.00024	2.39E-05	1.0116E-06	0.000274	4.69E-09	2.99E-04	2.1E-05	7.78E-07	0.000522	4.84E-09	0.000543
5590	476801.27	3849418.65	0.0105	0.0095	0.01037	0.00759	1.97E-05	8.3E-07	0.00023	8.5E-09	0.00025	2.42E-05	1.02127E-06	0.000277	4.75E-09	3.03E-04	2.13E-05	7.86E-07	0.000528	4.9E-09	0.00055
5591	476956.2	3849495.05	0.0108	0.00968	0.01067	0.00778	2.03E-05	8.5E-07	0.00023	8.7E-09	0.00025	2.49E-05	1.04062E-06	0.000285	4.87E-09	3.11E-04	2.19E-05	8.01E-07	0.000543	5.03E-09	0.000566
5592	477038.84	3849535.56	0.01088	0.00976	0.01075	0.00782	2.04E-05	8.6E-07	0.00023	8.7E-09	0.00025	2.51E-05	1.04922E-06	0.000288	4.89E-09	3.14E-04	2.21E-05	8.07E-07	0.000548	5.05E-09	0.00057
5593	477121.48	3849576.08	0.01103	0.00985	0.0109	0.00791	2.07E-05	8.6E-07	0.00024	8.8E-09	0.00026	2.54E-05	1.0589E-06	0.000292	4.95E-09	3.18E-04	2.24E-05	8.15E-07	0.000555	5.11E-09	0.000578
5594	477204.13	3849616.6	0.01112	0.00993	0.01098	0.00794	2.09E-05	8.7E-07	0.00024	8.9E-09	0.00026	2.56E-05	1.0675E-06	0.000294	4.97E-09	3.20E-04	2.26E-05	8.21E-07	0.000559	5.13E-09	0.000583
5595	477286.78	3849657.12	0.011	0.00997	0.01088	0.00784	2.07E-05	8.7E-07	0.00024	8.8E-09	0.00026	2.53E-05	1.0718E-06	0.000291	4.9E-09	3.17E-04	2.23E-05	8.25E-07	0.000554	5.06E-09	0.000577
5596	477369.42	3849697.63	0.01139	0.01012	0.01124	0.00809	2.14E-05	8.9E-07	0.00024	9E-09	0.00027	2.62E-05	1.08792E-06	0.000301	5.06E-09	3.28E-04	2.31E-05	8.37E-07	0.000572	5.23E-09	0.000596
5597	477452.07	3849738.15	0.01146	0.0102	0.01131	0.00812	2.15E-05	8.9E-07	0.00025	9.1E-09	0.00027	2.64E-05	1.09652E-06	0.000302	5.08E-09	3.30E-04	2.33E-05	8.44E-07	0.000576	5.25E-09	0.0006
5598	477534.71	3849778.67	0.01178	0.01041	0.0116	0.00829	2.21E-05	9.1E-07	0.00025	9.3E-09	0.00027	2.71E-05	1.1191E-06	0.00031	5.18E-09	3.39E-04	2.39E-05	8.61E-07	0.000591	5.36E-09	0.000616
5599	477617.35	3849819.18	0.01189	0.0105	0.01169	0.00833	2.23E-05	9.2E-07	0.00025	9.3E-09	0.00028	2.74E-05	1.12877E-06	0.000313	5.21E-09	3.41E-04	2.41E-05	8.68E-07	0.000595	5.38E-09	0.00062
5600	477824.74	3849896.37	0.01222	0.01068	0.01197	0.00842	2.30E-05	9.4E-07	0.00026	9.4E-09	0.00028	2.81E-05	1.14812E-06	0.00032	5.27E-09	3.49E-04	2.48E-05	8.83E-07	0.00061	5.44E-09	0.000635
5601	477906.31	3849936.37	0.01203	0.0106	0.01178	0.00828	2.26E-05	9.3E-07	0.00026	9.3E-09	0.00028	2.77E-05	1.13952E-06	0.000315	5.18E-09	3.44E-04	2.44E-05	8.77E-07	0.0006	5.35E-09	0.000625
5602	477987.89	3849976.36	0.01229	0.01088	0.01201	0.00839	2.31E-05	9.5E-07	0.00026	9.4E-09	0.00028	2.83E-05	1.16962E-06	0.000321	5.25E-09	3.51E-04	2.5E-05	9E-07	0.000612	5.42E-09	0.000638
5603	478069.47	3850016.36	0.01221	0.01078	0.01192	0.0083	2.29E-05	9.5E-07	0.00026	9.3E-09	0.00028	2.81E-05	1.15887E-06	0.000319	5.19E-09	3.48E-04	2.48E-05	8.91E-07	0.000607	5.36E-09	0.000633
5604	478151.04	3850056.35	0.01216	0.01082	0.01184	0.00822	2.29E-05	9.5E-07	0.00026	9.2E-09	0.00028	2.80E-05	1.16317E-06	0.000317	5.14E-09	3.46E-04	2.47E-05	8.95E-07	0.000603	5.31E-09	0.000629
5605	478232.62	3850096.35	0.01234	0.01094	0.01198	0.00827	2.32E-05	9.6E-07	0.00026	9.2E-09	0.00028	2.84E-05	1.17607E-06	0.00032	5.17E-09	3.50E-04	2.51E-05	9.05E-07	0.00061	5.34E-09	0.000636
5606	478314.2	3850136.34	0.01255	0.01108	0.01215	0.00834	2.36E-05	9.7E-07	0.00026	9.3E-09	0.00029	2.89E-05	1.19112E-06	0.000325	5.22E-09	3.55E-04	2.55E-05	9.16E-07	0.000619	5.39E-09	0.000645
5607	478395.77	3850176.34	0.01279	0.01123	0.01233	0.00842	2.40E-05	9.9E-07	0.00027	9.4E-09	0.00029	2.95E-05	1.20725E-06	0.00033	5.27E-09	3.60E-04	2.6E-05	9.29E-07	0.000628	5.44E-09	0.000655
5608	478575.43	3850244.45	0.01334	0.01158	0.0127	0.00853	2.51E-05	1E-06	0.00028	9.5E-09	0.0003	3.07E-05	1.24488E-06	0.00034	5.34E-09	3.72E-04	2.71E-05	9.58E-07	0.000647	5.51E-09	0.000675

5609	478665.06	3850287.29	0.01369	0.01206	0.01295	0.00864	2.57E-05	1.1E-06	0.00028	9.7E-09	0.00031	3.15E-05	1.29648E-06	0.000346	5.4E-09	3.79E-04	2.78E-05	9.97E-07	0.00066	5.58E-09	0.000688
5610	478754.69	3850330.14	0.01407	0.01231	0.01324	0.00877	2.64E-05	1.1E-06	0.00029	9.8E-09	0.00032	3.24E-05	1.32335E-06	0.000354	5.49E-09	3.88E-04	2.86E-05	1.02E-06	0.000674	5.67E-09	0.000704
5611	478844.32	3850372.99	0.01451	0.01259	0.01359	0.00895	2.73E-05	1.1E-06	0.0003	1E-08	0.00032	3.34E-05	1.35345E-06	0.000363	5.6E-09	3.98E-04	2.95E-05	1.04E-06	0.000692	5.78E-09	0.000723
5612	478933.95	3850415.84	0.01499	0.01305	0.01396	0.00916	2.82E-05	1.1E-06	0.0003	1E-08	0.00033	3.45E-05	1.4029E-06	0.000373	5.73E-09	4.09E-04	3.04E-05	1.08E-06	0.000711	5.92E-09	0.000743
5613	479023.58	3850458.68	0.0153	0.01322	0.01417	0.00925	2.88E-05	1.2E-06	0.00031	1E-08	0.00034	3.52E-05	1.42118E-06	0.000379	5.79E-09	4.16E-04	3.11E-05	1.09E-06	0.000722	5.98E-09	0.000754
5614	479110.66	3850441.9	0.01574	0.01373	0.01444	0.00941	2.96E-05	1.2E-06	0.00031	1.1E-08	0.00034	3.62E-05	1.47601E-06	0.000386	5.89E-09	4.24E-04	3.2E-05	1.14E-06	0.000735	6.08E-09	0.000769
5615	479191.22	3850423.99	0.01614	0.01419	0.01472	0.0096	3.03E-05	1.2E-06	0.00032	1.1E-08	0.00035	3.72E-05	1.52546E-06	0.000394	6E-09	4.32E-04	3.28E-05	1.17E-06	0.00075	6.2E-09	0.000784
5616	479274.32	3850465.71	0.01656	0.0146	0.01505	0.00982	3.11E-05	1.3E-06	0.00033	1.1E-08	0.00036	3.81E-05	1.56953E-06	0.000403	6.14E-09	4.42E-04	3.36E-05	1.21E-06	0.000767	6.34E-09	0.000801
5617	479357.43	3850507.42	0.01692	0.01505	0.01532	0.00997	3.18E-05	1.3E-06	0.00033	1.1E-08	0.00037	3.90E-05	1.61791E-06	0.00041	6.24E-09	4.50E-04	3.44E-05	1.24E-06	0.00078	6.44E-09	0.000816
5618	479440.53	3850549.14	0.01725	0.01532	0.01558	0.01011	3.24E-05	1.3E-06	0.00034	1.1E-08	0.00037	3.97E-05	1.64693E-06	0.000417	6.32E-09	4.58E-04	3.5E-05	1.27E-06	0.000793	6.53E-09	0.00083
5619	479523.64	3850590.85	0.01767	0.0158	0.01591	0.01031	3.32E-05	1.4E-06	0.00035	1.2E-08	0.00038	4.07E-05	1.69854E-06	0.000426	6.45E-09	4.68E-04	3.59E-05	1.31E-06	0.00081	6.66E-09	0.000847
5620	479606.74	3850632.57	0.01816	0.01632	0.01635	0.01059	3.41E-05	1.4E-06	0.00036	1.2E-08	0.00039	4.18E-05	1.75444E-06	0.000437	6.62E-09	4.81E-04	3.69E-05	1.35E-06	0.000833	6.84E-09	0.000871
5621	479777.37	3850707.61	0.01922	0.01751	0.01736	0.01129	3.61E-05	1.5E-06	0.00038	1.3E-08	0.00041	4.43E-05	1.88236E-06	0.000464	7.06E-09	5.10E-04	3.9E-05	1.45E-06	0.000884	7.29E-09	0.000925
5622	479864.9	3850740.95	0.01988	0.0182	0.01803	0.01183	3.74E-05	1.6E-06	0.00039	1.3E-08	0.00043	4.58E-05	1.95654E-06	0.000482	7.4E-09	5.30E-04	4.04E-05	1.51E-06	0.000918	7.64E-09	0.00096
5623	479931.87	3850829.56	0.02037	0.01853	0.01839	0.01204	3.83E-05	1.6E-06	0.0004	1.3E-08	0.00044	4.69E-05	1.99202E-06	0.000492	7.53E-09	5.41E-04	4.14E-05	1.53E-06	0.000937	7.78E-09	0.00098
5624	479995.55	3850926.75	0.0209	0.0189	0.01877	0.01235	3.93E-05	1.7E-06	0.00041	1.4E-08	0.00045	4.81E-05	2.03179E-06	0.000502	7.72E-09	5.52E-04	4.24E-05	1.56E-06	0.000956	7.98E-09	0.001
5625	480079.78	3850968.64	0.02156	0.01955	0.0194	0.01298	4.05E-05	1.7E-06	0.00042	1.5E-08	0.00046	4.96E-05	2.10167E-06	0.000519	8.12E-09	5.71E-04	4.38E-05	1.62E-06	0.000988	8.38E-09	0.001033
5626	480164.01	3851010.54	0.02222	0.02021	0.02002	0.01365	4.18E-05	1.8E-06	0.00043	1.5E-08	0.00048	5.12E-05	2.17262E-06	0.000535	8.54E-09	5.89E-04	4.51E-05	1.67E-06	0.00102	8.82E-09	0.001066
5627	480248.23	3851052.43	0.02286	0.02088	0.02066	0.01437	4.30E-05	1.8E-06	0.00045	1.6E-08	0.00049	5.26E-05	2.24465E-06	0.000553	8.99E-09	6.07E-04	4.64E-05	1.73E-06	0.001052	9.28E-09	0.0011
5628	480332.46	3851094.33	0.02352	0.02157	0.02132	0.01506	4.42E-05	1.9E-06	0.00046	1.7E-08	0.00051	5.42E-05	2.31882E-06	0.00057	9.42E-09	6.27E-04	4.78E-05	1.78E-06	0.001086	9.73E-09	0.001135
5629	480416.69	3851136.22	0.02416	0.02231	0.02203	0.01569	4.54E-05	2E-06	0.00048	1.8E-08	0.00053	5.56E-05	2.39837E-06	0.000589	9.81E-09	6.47E-04	4.91E-05	1.85E-06	0.001122	1.01E-08	0.001173
5630	480579.95	3851215.17	0.02547	0.02371	0.02346	0.01714	4.79E-05	2.1E-06	0.00051	1.9E-08	0.00056	5.87E-05	2.54888E-06	0.000627	1.07E-08	6.89E-04	5.17E-05	1.96E-06	0.001195	1.11E-08	0.001249
5631	480658.98	3851252.22	0.02613	0.02435	0.02417	0.01793	4.91E-05	2.1E-06	0.00052	2E-08	0.00058	6.02E-05	2.61768E-06	0.000646	1.12E-08	7.09E-04	5.31E-05	2.01E-06	0.001231	1.16E-08	0.001286
5632	480817.36	3851327.85	0.02741	0.02558	0.02561	0.01952	5.15E-05	2.2E-06	0.00056	2.2E-08	0.00061	6.31E-05	2.74991E-06	0.000685	1.22E-08	7.51E-04	5.57E-05	2.12E-06	0.001304	1.26E-08	0.001362
5633	480896.72	3851366.42	0.02806	0.02616	0.02634	0.02029	5.27E-05	2.3E-06	0.00057	2.3E-08	0.00063	6.46E-05	2.81226E-06	0.000704	1.27E-08	7.72E-04	5.7E-05	2.16E-06	0.001342	1.31E-08	0.001401
5634	480976.07	3851405	0.02869	0.0267	0.02705	0.02105	5.39E-05	2.3E-06	0.00059	2.4E-08	0.00064	6.61E-05	2.87031E-06	0.000723	1.32E-08	7.92E-04	5.83E-05	2.21E-06	0.001378	1.36E-08	0.001438
5635	481178	3851487.31	0.03019	0.02774	0.02873	0.02288	5.67E-05	2.4E-06	0.00062	2.6E-08	0.00068	6.95E-05	2.98211E-06	0.000768	1.43E-08	8.41E-04	6.13E-05	2.29E-06	0.001463	1.48E-08	0.001527
5636	481244.9	3851557.17	0.03099	0.02843	0.0294	0.02344	5.82E-05	2.5E-06	0.00064	2.6E-08	0.0007	7.14E-05	3.05629E-06	0.000786	1.47E-08	8.61E-04	6.29E-05	2.35E-06	0.001497	1.51E-08	0.001563
5637	481311.81	3851627.03	0.03184	0.02918	0.03012	0.02398	5.98E-05	2.6E-06	0.00065	2.7E-08	0.00072	7.33E-05	3.13692E-06	0.000806	1.5E-08	8.82E-04	6.46E-05	2.41E-06	0.001534	1.55E-08	0.001601
5638	481378.71	3851696.89	0.03275	0.02997	0.03087	0.02451	6.15E-05	2.6E-06	0.00067	2.7E-08	0.00073	7.54E-05	3.22184E-06	0.000826	1.53E-08	9.04E-04	6.65E-05	2.48E-06	0.001572	1.58E-08	0.001641
5639	481445.61	3851766.76	0.03369	0.03079	0.03165	0.02508	6.33E-05	2.7E-06	0.00069	2.8E-08	0.00075	7.76E-05	3.30999E-06	0.000847	1.57E-08	9.27E-04	6.84E-05	2.55E-06	0.001612	1.62E-08	0.001683
5640	481512.51	3851836.62	0.0347	0.03169	0.03249	0.02563	6.52E-05	2.8E-06	0.00071	2.9E-08	0.00077	7.99E-05	3.40675E-06	0.000869	1.6E-08	9.52E-04	7.05E-05	2.62E-06	0.001655	1.66E-08	0.001728
5641	481579.42	3851906.48	0.03578	0.03264	0.03337	0.0262	6.72E-05	2.9E-06	0.00072	2.9E-08	0.00079	8.24E-05	3.50887E-06	0.000893	1.64E-08	9.78E-04	7.26E-05	2.7E-06	0.0017	1.69E-08	0.001775
5642	481646.32	3851976.34	0.03691	0.03363	0.03429	0.02681	6.94E-05	3E-06	0.00074	3E-08	0.00082	8.50E-05	3.6153E-06	0.000917	1.68E-08	1.01E-03	7.49E-05	2.78E-06	0.001746	1.73E-08	0.001824
5643	481713.22	3852046.2	0.03815	0.03478	0.03532	0.02728	7.17E-05	3.1E-06	0.00077	3E-08	0.00084	8.79E-05	3.73893E-06	0.000945	1.71E-08	1.04E-03	7.75E-05	2.88E-06	0.001799	1.76E-08	0.001879
5644	481780.12	3852116.06	0.03941	0.03583	0.03629	0.02801	7.41E-05	3.1E-06	0.00079	3.1E-08	0.00087	9.08E-05	3.85181E-06	0.000971	1.75E-08	1.07E-03	8E-05	2.96E-06	0.001848	1.81E-08	0.001931
5645	481847.03	3852185.92	0.04073	0.03685	0.03724	0.02888	7.65E-05	3.2E-06	0.00081	3.2E-08	0.00089	9.38E-05	3.96146E-06	0.000996	1.81E-08	1.09E-03	8.27E-05	3.05E-06	0.001897	1.87E-08	0.001982
5646	481913.93	3852255.78	0.04207	0.03788	0.0382	0.02979	7.91E-05	3.3E-06	0.00083	3.3E-08	0.00091	9.69E-05	4.07218E-06	0.001022	1.86E-08	1.12E-03	8.54E-05	3.13E-06	0.001946	1.92E-08	0.002034
5647	481980.83	3852325.65	0.04337	0.03886	0.03914	0.03076	8.15E-05	3.4E-06	0.00085	3.4E-08	0.00093	9.99E-05	4.17754E-06	0.001047	1.92E-08	1.15E-03	8.81E-05	3.21E-06	0.001993	1.99E-08	0.002085
5648	482047.73	3852395.51	0.04491	0.04009	0.04025	0.03164	8.44E-05	3.5E-06	0.00087	3.5E-08	0.00096	1.03E-04	4.30976E-06	0.001077	1.98E-08	1.18E-03	9.12E-05	3.32E-06	0.00205	2.04E-08	0.002144
5649	482114.64	3852465.37	0.0464	0.04122	0.0413	0.0326	8.72E-05	3.6E-06	0.0009	3.6E-08	0.00099	1.07E-04	4.43124E-06	0.001105	2.04E-08	1.22E-03	9.42E-05	3.41E-06	0.002103	2.11E-08	0.002201
5650	482181.54	3852535.23	0.04829	0.04276	0.04265	0.03349	9.07E-05	3.8E-06	0.00093	3.7E-08	0.00102	1.11E-04	4.5968E-06	0.001141	2.09E-08	1.26E-03	9.8E-05	3.54E-06	0.002172	2.16E-08	0.002274
5651	482338.69	3852700.04	0.05301	0.0465	0.0459	0.03585	9.96E-05	4.1E-06	0.001	4E-08	0.0011	1.22E-04	4.99885E-06	0.001228	2.24E-08	1.35E-03	0.000108	3.85E-06	0.002338	2.32E-08	0.002449
5652	482404.05	3852767.78	0.05525	0.04826	0.0474	0.03691	1.04E-04	4.2E-06	0.00103	4.1E-08	0.00114	1.27E-04	5.18806E-06	0.001268	2.31E-08	1.40E-03	0.000112	3.99E-06	0.002414	2.38E-08	0.00253
5653	482469.4	3852835.52	0.05771	0.05015	0.049	0.03802	1.08E-04	4.4E-06	0.00106	4.2E-08	0.00118	1.33E-04	5.39124E-06	0.001311	2.38E-08	1.45E-03	0.000117	4.15E-06	0.002496	2.46E-08	0.002617
5654	482534.75	3852903.25	0.06067	0.05235	0.05081	0.03915	1.14E-04	4.6E-06	0.0011	4.4E-08	0.00122	1.40E-04	5.62774E-06	0.001359	2.45E-08	1.50E-03	0.000123	4.33E-06	0.002588	2.53E-08	0.002715
5655	482600.11	3852970.98	0.06399	0.05456	0.05263	0.04038	1.20E-04	4.8E-06	0.00114	4.5E-08	0.00127	1.47E-04	5.86532E-06	0.001408	2.53E-08	1.56E-03	0.00013	4.51E-06	0.00268	2.61E-08	0.002815
5656	482706.71	3853119.28	0.0737	0.06058	0.05658	0.04219	1.38E-04	5.3E-06	0.00123	4.7E-08	0.00137	1.70E-04	6.51249E-06	0.001513	2.64E-08	1.69E-03	0.00015	5.01E-06	0.002882	2.73E-08	0.003036
5657	482747.96	3853199.84	0.08019	0.06398	0.05826	0.04273	1.51E-04	5.6E-06	0.00127	4.8E-08	0.00142	1.85E-04	6.87799E-06	0.001558	2.67E-08	1.75E-03	0.000163	5.29E-06	0.002967	2.76E-08	0.003135
5658	482789.21	3853280.4	0.08858	0.06754	0.05986	0.0432	1.66E-04	5.9E-06	0.0013	4.8E-08	0.00147	2.04E-04	7.2607E-06	0.001601	2.7E-08	1.81E-03	0.00018	5.59E-06	0.003049	2.79E-08	0.003234
5659	482830.46	3853360.96	0.10055	0.0716	0.0616	0.04352	1.89E-04	6.3E-06	0.00134	4.9E-08	0.00153	2.32E-04	7.69716E-06	0.001648	2.72E-08	1.89E-03	0.000204	5.92E-06	0.003137	2.81E-08	0.003347
5660	482871.71	3853441.52	0.11997	0.07601	0.0634	0.04378	2.25E-04	6.7E-06	0.00138	4.9E-08	0.00161	2.76E-04	8.17125E-06	0.001696	2.74E-08	1.98E-03	0.000244	6.29E-06	0.003229	2.83E-08	0.003479
5661	482912.95	3853522.07	0.19288	0.08149	0.06567	0.04374	3.62E-04	7.1E-06	0.00143	4.9E-08	0.0018	4.44E-04	8.76036E-06	0.001756	2.74E-08	2.21E-03	0.000392	6.74E-06	0.003345	2.83E-08	0.003743
5662	482954.2	3853602.63	0.59671	0.08742	0.06808	0.04377	1.12E-03	7.7E-06	0.00148	4.9E-08	0.00261	1.37E-03	9.39785E-06	0.001821	2.74E-08	3.20E-03	0.001212	7.23E-06	0.003467	2.83E-08	0.004686
5663	482995.45	3853683.19	0.74378	0.09419	0.07086	0.04381	1.40E-03	8.3E-06	0.00154	4.9E-08	0.00294	1.71E-03	1.01256E-05	0.001895	2.74E-08	3.62E-03	0.00151	7.79E-06	0.003609	2.83E-08	0.005127
5664	483036.7	3853763.75	0.75315	0.1017	0.07402	0.04412	1.42E-03	8.9E-06	0.00161	4.9E-08	0.00303	1.73E-03	1.0933E-05	0.00198	2.76E-08	3.73E-03	0.001529	8.41E-06	0.00377	2.85E-08	0.005307
5665	483214.2	3853909.91	0.50808	0.13131	0.08842	0.04504	9.55E-04	1.2E-05	0.00192	5E-08	0.00289	1.17E-03	1.41161E-05	0.002365	2.82E-08	3.55E-03	0.001032	1.09E-05	0.004503	2.91E-08	0.005546
5666	483307.01	3853910.44	0.43873	0.13616	0.0944	0.04898	8.24E-04	1.2E-05	0.00205	5.5E-08	0.00289	1.01E-03	1.46375E-05	0.002525	3.06E-08	3.55E-03	0.000891	1.13E-05	0.004808	3.16E-08	0.00571
5667	483399.83	3853910.96	0.38609	0.13904	0.10067	0.05294	7.26E-04	1.2E-05	0.00219	5.9E-08	0.00292	8.89E-04	1.49471E-05	0.002692	3.31E-08	3.60E-03	0.000784	1.15E-05	0.005127	3.42E-08	0.005923
5668	483494.52	3854009.24	0.38767	0.15963	0.11061	0.05612	7.29E-04	1.4E-05	0.0024	6.3E-08	0.00314	8.93E-04	1.71606E-05	0.002958	3.51E-08	3.87E-03	0.000787	1.32E-05	0.005633	3.63E-08	0.006434
5669	483496.41	3854106.98	0.42962	0.18297	0.11476	0.05521	8.07E-04	1.6E-05	0.00249	6.2E-08	0.00332	9.89E-04	1.96697E-05	0.003069	3.45E-08	4.08E-03	0.000872	1.51E-05	0.005845	3.57E-08	0.006732

5670	483577.56	3854261.96	0.47646	0.24742	0.13258	0.05333	8.95E-04	2.2E-05	0.00288	6E-08	0.0038	1.10E-03	2.65982E-05	0.003546	3.34E-08	4.67E-03	0.000967	2.05E-05	0.006752	3.44E-08	0.00774
5671	483656.83	3854319.19	0.47804	0.28622	0.14588	0.05249	8.98E-04	2.5E-05	0.00317	5.9E-08	0.00409	1.10E-03	3.07693E-05	0.003902	3.28E-08	5.03E-03	0.000971	2.37E-05	0.00743	3.39E-08	0.008424
5672	483736.1	3854376.41	0.49023	0.32794	0.1603	0.05145	9.21E-04	2.9E-05	0.00348	5.7E-08	0.00443	1.13E-03	3.52543E-05	0.004287	3.22E-08	5.45E-03	0.000995	2.71E-05	0.008164	3.32E-08	0.009187
5673	483815.36	3854433.64	0.51418	0.36048	0.17594	0.05067	9.66E-04	3.2E-05	0.00382	5.7E-08	0.00482	1.18E-03	3.87524E-05	0.004706	3.17E-08	5.93E-03	0.001044	2.98E-05	0.008961	3.27E-08	0.010035
5674	483894.63	3854490.87	0.54998	0.39561	0.19186	0.04994	1.03E-03	3.5E-05	0.00417	5.6E-08	0.00523	1.27E-03	4.2529E-05	0.005131	3.12E-08	6.44E-03	0.001117	3.27E-05	0.009772	3.23E-08	0.010921
5675	483973.9	3854548.1	0.60892	0.42904	0.20863	0.04983	1.14E-03	3.8E-05	0.00453	5.6E-08	0.00571	1.40E-03	4.61228E-05	0.00558	3.12E-08	7.03E-03	0.001236	3.55E-05	0.010626	3.22E-08	0.011897
5676	484053.17	3854605.32	0.73244	0.487	0.23094	0.05144	1.38E-03	4.3E-05	0.00502	5.7E-08	0.00643	1.69E-03	5.23536E-05	0.006177	3.22E-08	7.92E-03	0.001487	4.03E-05	0.011762	3.32E-08	0.013289
5677	484214.97	3854698.15	1.26723	0.76081	0.2925	0.05619	2.38E-03	6.7E-05	0.00635	6.3E-08	0.0088	2.92E-03	8.17888E-05	0.007823	3.51E-08	1.08E-02	0.002573	6.29E-05	0.014897	3.63E-08	0.017533
5678	484297.5	3854733.74	1.64345	1.14844	0.34724	0.06153	3.09E-03	0.0001	0.00754	6.9E-08	0.01073	3.78E-03	0.00012346	0.009287	3.85E-08	1.32E-02	0.003337	9.5E-05	0.017685	3.97E-08	0.021117
5679	484380.03	3854769.34	1.97181	1.67791	0.39497	0.06549	3.71E-03	0.00015	0.00858	7.3E-08	0.01243	4.54E-03	0.000180379	0.010564	4.1E-08	1.53E-02	0.004004	0.000139	0.020116	4.23E-08	0.024258
5680	484462.56	3854804.94	2.53385	2.5103	0.48491	0.07342	4.76E-03	0.00022	0.01053	8.2E-08	0.01551	5.83E-03	0.000269863	0.012969	4.59E-08	1.91E-02	0.005145	0.000208	0.024697	4.74E-08	0.030049
5681	484545.09	3854840.53	3.04021	3.39623	0.5952	0.07837	5.71E-03	0.0003	0.01293	8.8E-08	0.01894	7.00E-03	0.000365102	0.015919	4.9E-08	2.33E-02	0.006173	0.000281	0.030314	5.06E-08	0.036768
5682	484691.88	3854912.58	3.67206	5.76311	1.9741	0.0972	6.90E-03	0.00051	0.04287	1.1E-07	0.05028	8.46E-03	0.000619547	0.052799	6.08E-08	6.19E-02	0.007456	0.000477	0.100542	6.28E-08	0.108474
5683	484830.81	3855012.51	3.35471	6.73553	3.2256	0.13002	6.30E-03	0.00059	0.07005	1.5E-07	0.07694	7.73E-03	0.000724085	0.086271	8.13E-08	9.47E-02	0.006811	0.000557	0.164282	8.4E-08	0.17165
5684	484905.48	3855075.97	3.4146	5.70562	3.6161	0.17987	6.42E-03	0.0005	0.07853	2E-07	0.08544	7.86E-03	0.000613367	0.096715	1.12E-07	1.05E-01	0.006933	0.000472	0.18417	1.16E-07	0.191575
5685	484980.14	3855139.44	3.45999	4.29014	3.86477	0.42289	6.50E-03	0.00038	0.08393	4.7E-07	0.09081	7.97E-03	0.0004612	0.103366	2.64E-07	1.12E-01	0.007025	0.000355	0.196835	2.73E-07	0.204215
5686	485054.81	3855202.91	3.46691	3.11335	4.00558	0.84786	6.52E-03	0.00027	0.08699	9.5E-07	0.09377	7.98E-03	0.000334692	0.107132	5.3E-07	1.15E-01	0.007039	0.000257	0.204006	5.48E-07	0.211304
5687	485129.48	3855266.37	3.39238	2.25676	3.97522	1.13954	6.37E-03	0.0002	0.08633	1.3E-06	0.0929	7.81E-03	0.000242607	0.10632	7.13E-07	1.14E-01	0.006888	0.000187	0.20246	7.36E-07	0.209535
5688	485204.15	3855329.84	3.48126	1.77754	4.15852	1.36979	6.54E-03	0.00016	0.09031	1.5E-06	0.09701	8.02E-03	0.00019109	0.111222	8.57E-07	1.19E-01	0.007068	0.000147	0.211796	8.85E-07	0.219012
5689	485278.82	3855393.31	3.47557	1.38487	4.20299	1.50488	6.53E-03	0.00012	0.09127	1.7E-06	0.09793	8.00E-03	0.000148877	0.112412	9.41E-07	1.21E-01	0.007057	0.000115	0.214061	9.72E-07	0.221233
5690	485353.48	3855456.77	3.5019	1.11239	4.28045	1.61056	6.58E-03	9.8E-05	0.09295	1.8E-06	0.09963	8.06E-03	0.000119584	0.114484	1.01E-06	1.23E-01	0.00711	9.2E-05	0.218006	1.04E-06	0.225209
5691	485428.15	3855520.24	3.47937	0.91447	4.27191	1.66896	6.54E-03	8E-05	0.09277	1.9E-06	0.09939	8.01E-03	9.83076E-05	0.114255	1.04E-06	1.22E-01	0.007064	7.56E-05	0.217571	1.08E-06	0.224712
5692	485502.82	3855583.71	3.47047	0.7695	4.27853	1.71327	6.52E-03	6.8E-05	0.09291	1.9E-06	0.0995	7.99E-03	8.2723E-05	0.114432	1.07E-06	1.23E-01	0.007046	6.36E-05	0.217908	1.11E-06	0.225019
5693	485577.49	3855647.17	3.51469	0.66169	4.37645	1.78003	6.60E-03	5.8E-05	0.09504	2E-06	0.1017	8.09E-03	7.11332E-05	0.117051	1.11E-06	1.25E-01	0.007136	5.47E-05	0.222895	1.15E-06	0.230087
5694	485652.16	3855710.64	3.54051	0.57783	4.44025	1.84531	6.65E-03	5.1E-05	0.09642	2.1E-06	0.10313	8.15E-03	6.2118E-05	0.118757	1.15E-06	1.27E-01	0.007189	4.78E-05	0.226144	1.19E-06	0.233382
5695	485726.83	3855774.1	3.53345	0.51269	4.43316	1.86893	6.64E-03	4.5E-05	0.09627	2.1E-06	0.10296	8.14E-03	5.51153E-05	0.118568	1.17E-06	1.27E-01	0.007174	4.24E-05	0.225783	1.21E-06	0.233001
5696	485801.49	3855837.57	3.50016	0.46189	4.38463	1.86444	6.58E-03	4.1E-05	0.09522	2.1E-06	0.10184	8.06E-03	4.96542E-05	0.11727	1.17E-06	1.25E-01	0.007107	3.82E-05	0.223312	1.2E-06	0.230458
5697	485876.16	3855901.04	3.5049	0.42186	4.39383	1.87704	6.59E-03	3.7E-05	0.09542	2.1E-06	0.10204	8.07E-03	4.53509E-05	0.117516	1.17E-06	1.26E-01	0.007116	3.49E-05	0.22378	1.21E-06	0.230933
5698	485950.83	3855964.5	3.48299	0.39063	4.37619	1.87018	6.55E-03	3.4E-05	0.09503	2.1E-06	0.10161	8.02E-03	4.19936E-05	0.117044	1.17E-06	1.25E-01	0.007072	3.23E-05	0.222882	1.21E-06	0.229987
5699	486025.5	3856027.97	3.43617	0.36584	4.31634	1.83815	6.46E-03	3.2E-05	0.09373	2.1E-06	0.10023	7.91E-03	3.93286E-05	0.115443	1.15E-06	1.23E-01	0.006977	3.03E-05	0.219834	1.19E-06	0.226842
5700	486100.17	3856091.44	3.50982	0.34845	4.467	1.90587	6.60E-03	3.1E-05	0.09701	2.1E-06	0.10363	8.08E-03	3.74592E-05	0.119473	1.19E-06	1.28E-01	0.007126	2.88E-05	0.227507	1.23E-06	0.234663
5701	486174.83	3856154.9	3.44084	0.33472	4.35881	1.85396	6.47E-03	2.9E-05	0.09466	2.1E-06	0.10115	7.92E-03	3.59831E-05	0.116579	1.16E-06	1.25E-01	0.006986	2.77E-05	0.221997	1.2E-06	0.229012
5702	486249.5	3856218.37	3.276	0.3225	4.12377	1.75429	6.16E-03	2.8E-05	0.08955	2E-06	0.09574	7.54E-03	3.46695E-05	0.110293	1.1E-06	1.18E-01	0.006652	2.67E-05	0.210026	1.13E-06	0.216705
5703	486324.17	3856281.84	3.24159	0.31052	4.04098	1.68697	6.09E-03	2.7E-05	0.08775	1.9E-06	0.09387	7.46E-03	3.33816E-05	0.108079	1.06E-06	1.16E-01	0.006582	2.57E-05	0.205809	1.09E-06	0.212418
5704	486398.84	3856345.3	3.35903	0.31402	4.23878	1.69924	6.31E-03	2.8E-05	0.09205	1.9E-06	0.09839	7.74E-03	3.37579E-05	0.113369	1.06E-06	1.21E-01	0.00682	2.6E-05	0.215883	1.1E-06	0.222731
5705	486473.51	3856408.77	3.39012	0.31754	4.30526	1.69162	6.37E-03	2.8E-05	0.09349	1.9E-06	0.09989	7.81E-03	3.41363E-05	0.115147	1.06E-06	1.23E-01	0.006883	2.63E-05	0.219269	1.09E-06	0.22618
5706	486548.17	3856472.24	3.44679	0.32877	4.41353	1.70806	6.48E-03	2.9E-05	0.09584	1.9E-06	0.10235	7.94E-03	3.53435E-05	0.118043	1.07E-06	1.26E-01	0.006998	2.72E-05	0.224784	1.1E-06	0.23181
5707	486622.84	3856535.7	3.47523	0.34617	4.46538	1.72779	6.53E-03	3E-05	0.09697	1.9E-06	0.10353	8.00E-03	3.72141E-05	0.11943	1.08E-06	1.27E-01	0.007056	2.86E-05	0.227424	1.12E-06	0.23451
5708	486765.48	3856659.69	3.49716	0.418	4.49177	1.80641	6.57E-03	3.7E-05	0.09754	2E-06	0.10415	8.05E-03	4.49359E-05	0.120135	1.13E-06	1.28E-01	0.007101	3.46E-05	0.228768	1.17E-06	0.235905
5709	486833.44	3856720.2	3.52525	0.46768	4.5149	1.84177	6.62E-03	4.1E-05	0.09805	2.1E-06	0.10471	8.12E-03	5.02766E-05	0.120754	1.15E-06	1.29E-01	0.007158	3.87E-05	0.229946	1.19E-06	0.237144
5710	486901.41	3856780.72	3.5202	0.53958	4.49728	1.89571	6.62E-03	4.7E-05	0.09766	2.1E-06	0.10433	8.11E-03	5.80061E-05	0.120283	1.19E-06	1.28E-01	0.007147	4.46E-05	0.229049	1.22E-06	0.236242
5711	486969.38	3856841.24	3.50622	0.64241	4.48129	1.94186	6.59E-03	5.6E-05	0.09732	2.2E-06	0.10396	8.07E-03	6.90605E-05	0.119855	1.21E-06	1.28E-01	0.007119	5.31E-05	0.228235	1.25E-06	0.235408
5712	487037.34	3856901.75	3.46541	0.80114	4.4609	1.98816	6.51E-03	7E-05	0.09687	2.2E-06	0.10346	7.98E-03	8.61243E-05	0.11931	1.24E-06	1.27E-01	0.007036	6.63E-05	0.227196	1.28E-06	0.2343
5713	487271.23	3856855.51	1.87479	0.63131	2.5617	1.40646	3.52E-03	5.5E-05	0.05563	1.6E-06	0.05921	4.32E-03	6.78672E-05	0.068514	8.8E-07	7.29E-02	0.003807	5.22E-05	0.130469	9.09E-07	0.134328
5714	487368.96	3856857.29	1.63044	0.67825	2.25653	1.31226	3.06E-03	6E-05	0.049	1.5E-06	0.05213	3.75E-03	7.29134E-05	0.060352	8.21E-07	6.42E-02	0.00331	5.61E-05	0.114926	8.48E-07	0.118294
5715	487466.68	3856859.06	1.43899	0.7525	2.0106	1.2441	2.70E-03	6.6E-05	0.04366	1.4E-06	0.04643	3.31E-03	8.08954E-05	0.053775	7.78E-07	5.72E-02	0.002922	6.22E-05	0.102401	8.04E-07	0.105386
5716	487636.44	3856930	1.21137	1.29856	1.74137	1.21616	2.28E-03	0.00011	0.03782	1.4E-06	0.04021	2.79E-03	0.000139598	0.046574	7.61E-07	4.95E-02	0.00246	0.000107	0.088689	7.86E-07	0.091257
5717	487709.57	3856928.43	1.12776	1.31302	1.60484	1.1765	2.12E-03	0.00012	0.03485	1.3E-06	0.03709	2.60E-03	0.000141153	0.042923	7.36E-07	4.57E-02	0.00229	0.000109	0.081735	7.6E-07	0.084135
5718	487782.54	3856841.96	1.04635	0.88781	1.44796	1.04544	1.97E-03	7.8E-05	0.03144	1.2E-06	0.03349	2.41E-03	9.54416E-05	0.038727	6.54E-07	4.12E-02	0.002124	7.34E-05	0.073745	6.75E-07	0.075944
5719	487849.83	3856754.74	0.9689	0.64599	1.31761	0.94256	1.82E-03	5.7E-05	0.02861	1.1E-06	0.03049	2.23E-03	6.94454E-05	0.03524	5.9E-07	3.75E-02	0.001967	5.34E-05	0.067107	6.09E-07	0.069128
5720	487918.03	3856819.39	0.93581	0.84956	1.27798	0.97934	1.76E-03	7.5E-05	0.02775	1.1E-06	0.02959	2.15E-03	9.13296E-05	0.03418	6.13E-07	3.64E-02	0.0019	7.03E-05	0.065088	6.33E-07	0.067059
5721	487918.8	3856886.37	0.9438	1.10864	1.2984	1.04021	1.77E-03	9.7E-05	0.0282	1.2E-06	0.03007	2.17E-03	0.000119181	0.034727	6.51E-07	3.70E-02	0.001916	9.17E-05	0.066128	6.72E-07	0.068137
5722	488065.47	3857127.5	0.86507	2.36172	1.11441	1.172	1.63E-03	0.00021	0.0242	1.3E-06	0.02603	1.99E-03	0.00025389	0.029806	7.33E-07	3.21E-02	0.001756	0.000195	0.056758	7.57E-07	0.05871
5723	488192.19	3857385.83	0.83948	2.46547	0.89679	1.40939	1.58E-03	0.00022	0.01947	1.6E-06	0.02127	1.93E-03	0.000265044	0.023985	8.81E-07	2.62E-02	0.001704	0.000204	0.045674	9.1E-07	0.047583
5724	488191.22	3857473.87	0.86939	2.23923	0.86446	1.55346	1.63E-03	0.0002	0.01877	1.7E-06	0.0206	2.00E-03	0.000240722	0.023121	9.72E-07	2.54E-02	0.001765	0.000185	0.044027	1E-06	0.045979
5725	488190.24	3857561.9	0.90643	1.90073	0.81924	1.72526	1.70E-03	0.00017	0.01779	1.9E-06	0.01966	2.09E-03	0.000204333	0.021911	1.08E-06	2.42E-02	0.00184	0.000157	0.041724	1.11E-06	0.043723
5726	488158.35	3857691.13	0.98852	1.41302	0.68122	2.10468	1.86E-03	0.00012	0.01479	2.4E-06	0.01678	2.28E-03	0.000151903	0.01822	1.32E-06	2.06E-02	0.002007	0.000117	0.034695	1.36E-06	0.03682
5727	488208.37	3857816.66	0.89142	0.95984	0.44219	2.40064	1.68E-03	8.4E-05	0.0096	2.7E-06	0.01136	2.05E-03	0.000103185	0.011827	1.5E-06	1.40E-02	0.00181	7.94E-05	0.022521	1.55E-06	0.024412
5728	488271.97	3857874.6	0.79234	0.80221	0.37116	2.39119	1.49E-03	7E-05	0.00806	2.7E-06	0.00962	1.82E-03	8.62394E-05	0.009927	1.5E-06	1.18E-02	0.001609	6.63E-05	0.018903	1.54E-06	0.02058
5729	488463.56	3857942.31	0.64134	0.6456	0.31123	1.80413	1.21E-03	5.7E-05	0.00676	2E-06	0.00802	1.48E-03	6.94034E-05	0.008324	1.13E-06	9.87E-03	0.001302	5.34E-05	0.015851	1.17E-06	0.017208
5730	488554.83	3857940.83	0.60075	0.632	0.30918	1.56072	1.13E-03	5.5E-05	0.00671	1.7E-06	0.0079	1.38E-03	6.79414E-05	0.008269	9.76E-07	9.72E-03	0.00122	5.23E-05	0.015747	1.01E-06	0.01702

5731	488646.1	3857939.36	0.56599	0.61636	0.30632	1.37456	1.06E-03	5.4E-05	0.00665	1.5E-06	0.00777	1.30E-03	6.62601E-05	0.008193	8.6E-07	9.56E-03	0.001149	5.1E-05	0.015601	8.88E-07	0.016802
5732	488737.37	3857937.88	0.53571	0.60021	0.30306	1.2277	1.01E-03	5.3E-05	0.00658	1.4E-06	0.00764	1.23E-03	6.45239E-05	0.008106	7.68E-07	9.40E-03	0.001088	4.96E-05	0.015435	7.93E-07	0.016573
5733	488733.59	3857960.57	0.53289	0.57749	0.29282	1.20819	1.00E-03	5.1E-05	0.00636	1.3E-06	0.00741	1.23E-03	6.20815E-05	0.007832	7.56E-07	9.12E-03	0.001082	4.78E-05	0.014913	7.8E-07	0.016044
5734	488638.09	3857961.57	0.56442	0.59252	0.29548	1.36276	1.06E-03	5.2E-05	0.00642	1.5E-06	0.00753	1.30E-03	6.36972E-05	0.007903	8.52E-07	9.27E-03	0.001146	4.9E-05	0.015049	8.8E-07	0.016245
5735	488542.6	3857962.56	0.60068	0.60603	0.29742	1.56443	1.13E-03	5.3E-05	0.00646	1.7E-06	0.00764	1.38E-03	6.51496E-05	0.007955	9.78E-07	9.40E-03	0.00122	5.01E-05	0.015148	1.01E-06	0.016419
5736	488447.1	3857963.56	0.64344	0.61765	0.29867	1.83401	1.21E-03	5.4E-05	0.00649	2E-06	0.00775	1.48E-03	6.63988E-05	0.007988	1.15E-06	9.54E-03	0.001306	5.11E-05	0.015211	1.18E-06	0.01657
5737	488254.28	3857890.36	0.79714	0.77151	0.3568	2.52916	1.50E-03	6.8E-05	0.00775	2.8E-06	0.00932	1.84E-03	8.29391E-05	0.009543	1.58E-06	1.15E-02	0.001618	6.38E-05	0.018172	1.63E-06	0.019856
5738	488191.69	3857833.06	0.89923	0.92189	0.42314	2.52351	1.69E-03	8.1E-05	0.00919	2.8E-06	0.01096	2.07E-03	9.91052E-05	0.011317	1.58E-06	1.35E-02	0.001826	7.62E-05	0.021551	1.63E-06	0.023454
5739	488129.5	3857907.43	0.90288	0.7473	0.34218	3.39059	1.70E-03	6.6E-05	0.00743	3.8E-06	0.0092	2.08E-03	8.03364E-05	0.009152	2.12E-06	1.13E-02	0.001833	6.18E-05	0.017427	2.19E-06	0.019325
5740	488196.47	3857968.73	0.79776	0.62664	0.29724	3.31262	1.50E-03	5.5E-05	0.00645	3.7E-06	0.00801	1.84E-03	6.73652E-05	0.00795	2.07E-06	9.86E-03	0.00162	5.18E-05	0.015139	2.14E-06	0.016812
5741	488263.44	3858030.04	0.73255	0.53569	0.26465	2.46283	1.38E-03	4.7E-05	0.00575	2.8E-06	0.00717	1.69E-03	5.75879E-05	0.007078	1.54E-06	8.82E-03	0.001487	4.43E-05	0.013479	1.59E-06	0.015012
5742	488400.64	3858132.9	0.65954	0.42443	0.22369	1.27696	1.24E-03	3.7E-05	0.00486	1.4E-06	0.00614	1.52E-03	4.56272E-05	0.005983	7.99E-07	7.55E-03	0.001339	3.51E-05	0.011393	8.25E-07	0.012768
5743	488519.89	3858218.38	0.63477	0.35312	0.19593	0.85049	1.19E-03	3.1E-05	0.00425	9.5E-07	0.00548	1.46E-03	3.79612E-05	0.00524	5.32E-07	6.74E-03	0.001289	2.92E-05	0.009979	5.49E-07	0.011297
5744	488647.97	3858214.99	0.56466	0.35902	0.19588	0.79274	1.06E-03	3.1E-05	0.00425	8.9E-07	0.00535	1.30E-03	3.85955E-05	0.005239	4.96E-07	6.58E-03	0.001146	2.97E-05	0.009976	5.12E-07	0.011153
5745	488727.05	3858167.67	0.52439	0.39455	0.21117	0.84735	9.85E-04	3.5E-05	0.00459	9.5E-07	0.00561	1.21E-03	4.2415E-05	0.005648	5.3E-07	6.90E-03	0.001065	3.26E-05	0.010755	5.47E-07	0.011853
5746	488806.12	3858120.35	0.49721	0.42814	0.22816	0.8787	9.34E-04	3.8E-05	0.00495	9.8E-07	0.00593	1.14E-03	4.6026E-05	0.006102	5.5E-07	7.29E-03	0.00101	3.54E-05	0.01162	5.68E-07	0.012666
5747	488885.2	3858073.03	0.47822	0.45799	0.24445	0.88986	8.99E-04	4E-05	0.00531	9.9E-07	0.00625	1.10E-03	4.9235E-05	0.006538	5.57E-07	7.69E-03	0.000971	3.79E-05	0.01245	5.75E-07	0.013459
5748	489055.76	3857991.17	0.44805	0.50141	0.26971	0.84732	8.42E-04	4.4E-05	0.00586	9.5E-07	0.00674	1.03E-03	5.39027E-05	0.007214	5.3E-07	8.30E-03	0.00091	4.15E-05	0.013736	5.47E-07	0.014688
5749	489245.39	3857944.54	0.41893	0.51222	0.2788	0.75531	7.87E-04	4.5E-05	0.00605	8.4E-07	0.00689	9.65E-04	5.50648E-05	0.007457	4.72E-07	8.48E-03	0.000851	4.24E-05	0.014199	4.88E-07	0.015093
5750	489430.63	3857930.91	0.3905	0.49265	0.27341	0.66899	7.34E-04	4.3E-05	0.00594	7.5E-07	0.00672	8.99E-04	5.2961E-05	0.007313	4.18E-07	8.27E-03	0.000793	4.07E-05	0.013925	4.32E-07	0.014759
5751	489517.74	3857929.36	0.37791	0.48021	0.26921	0.63253	7.10E-04	4.2E-05	0.00585	7.1E-07	0.0066	8.70E-04	5.16237E-05	0.0072	3.96E-07	8.12E-03	0.000767	3.97E-05	0.013711	4.09E-07	0.014518
5752	489604.85	3857927.82	0.3661	0.46838	0.26516	0.59872	6.88E-04	4.1E-05	0.00576	6.7E-07	0.00649	8.43E-04	5.03519E-05	0.007092	3.74E-07	7.99E-03	0.000743	3.87E-05	0.013505	3.87E-07	0.014287
5753	489691.97	3857926.28	0.35491	0.45577	0.26072	0.5694	6.67E-04	4E-05	0.00566	6.4E-07	0.00637	8.17E-04	4.89963E-05	0.006973	3.56E-07	7.84E-03	0.000721	3.77E-05	0.013279	3.68E-07	0.014037
5754	489779.08	3857924.73	0.34431	0.44361	0.25639	0.54217	6.47E-04	3.9E-05	0.00557	6.1E-07	0.00625	7.93E-04	4.76891E-05	0.006857	3.39E-07	7.70E-03	0.000699	3.67E-05	0.013058	3.5E-07	0.013794
5755	490017.54	3857875.08	0.32151	0.42698	0.25376	0.48815	6.04E-04	3.7E-05	0.00551	5.5E-07	0.00615	7.40E-04	4.59013E-05	0.006787	3.05E-07	7.57E-03	0.000653	3.53E-05	0.012924	3.15E-07	0.013613
5756	490033.82	3857960.81	0.31342	0.39464	0.2359	0.46528	5.89E-04	3.5E-05	0.00512	5.2E-07	0.00575	7.22E-04	4.24247E-05	0.006309	2.91E-07	7.07E-03	0.000636	3.26E-05	0.012015	3.01E-07	0.012684
5757	489959.15	3857987.49	0.31914	0.39279	0.23372	0.47748	6.00E-04	3.4E-05	0.00508	5.3E-07	0.00571	7.35E-04	4.22258E-05	0.006251	2.99E-07	7.03E-03	0.000648	3.25E-05	0.011903	3.08E-07	0.012584
5758	489791.49	3858016.12	0.33516	0.40232	0.23612	0.50677	6.30E-04	3.5E-05	0.00513	5.7E-07	0.00579	7.72E-04	4.32503E-05	0.006315	3.17E-07	7.13E-03	0.000681	3.33E-05	0.012026	3.27E-07	0.01274
5759	489698.51	3858018.07	0.34596	0.41155	0.23947	0.53244	6.50E-04	3.6E-05	0.0052	5.9E-07	0.00589	7.97E-04	4.42425E-05	0.006405	3.33E-07	7.25E-03	0.000702	3.4E-05	0.012196	3.44E-07	0.012933
5760	489605.52	3858020.02	0.35746	0.42064	0.24265	0.56066	6.72E-04	3.7E-05	0.00527	6.3E-07	0.00598	8.23E-04	4.52197E-05	0.00649	3.51E-07	7.36E-03	0.000726	3.48E-05	0.012358	3.62E-07	0.013119
5761	489512.53	3858021.96	0.36969	0.42957	0.24564	0.59184	6.95E-04	3.8E-05	0.00533	6.6E-07	0.00607	8.51E-04	4.61797E-05	0.00657	3.7E-07	7.47E-03	0.000751	3.55E-05	0.012511	3.82E-07	0.013297
5762	489419.55	3858023.91	0.38265	0.43775	0.24813	0.62725	7.19E-04	3.8E-05	0.00539	7E-07	0.00615	8.81E-04	4.70591E-05	0.006636	3.92E-07	7.57E-03	0.000777	3.62E-05	0.012637	4.05E-07	0.013451
5763	489228.47	3858041.29	0.41093	0.45029	0.25037	0.69774	7.72E-04	4E-05	0.00544	7.8E-07	0.00625	9.46E-04	4.84072E-05	0.006696	4.36E-07	7.69E-03	0.000834	3.72E-05	0.012751	4.51E-07	0.013624
5764	489065.75	3858085.78	0.43633	0.43516	0.23936	0.74844	8.20E-04	3.8E-05	0.0052	8.4E-07	0.00606	1.00E-03	4.67807E-05	0.006402	4.68E-07	7.45E-03	0.000886	3.6E-05	0.012191	4.83E-07	0.013113
5765	489001.12	3858114.86	0.44764	0.42166	0.23103	0.75335	8.41E-04	3.7E-05	0.00502	8.4E-07	0.0059	1.03E-03	4.53294E-05	0.006179	4.71E-07	7.26E-03	0.000909	3.49E-05	0.011766	4.87E-07	0.012711
5766	488861.89	3858189.81	0.48227	0.38144	0.20806	0.72862	9.06E-04	3.3E-05	0.00452	8.1E-07	0.00546	1.11E-03	4.10057E-05	0.005565	4.56E-07	6.72E-03	0.000979	3.15E-05	0.010597	4.71E-07	0.011608
5767	488787.28	3858235.69	0.51246	0.35007	0.19275	0.68947	9.63E-04	3.1E-05	0.00419	7.7E-07	0.00518	1.18E-03	3.76333E-05	0.005155	4.31E-07	6.37E-03	0.00104	2.9E-05	0.009817	4.45E-07	0.010887
5768	488712.68	3858281.57	0.55552	0.32093	0.18102	0.63532	1.04E-03	2.8E-05	0.00393	7.1E-07	0.005	1.28E-03	3.45007E-05	0.004842	3.97E-07	6.16E-03	0.001128	2.65E-05	0.009219	4.1E-07	0.010374
5769	488654.39	3858436.17	0.71022	0.24698	0.15576	0.4277	1.33E-03	2.2E-05	0.00338	4.8E-07	0.00474	1.64E-03	2.65509E-05	0.004166	2.68E-07	5.83E-03	0.001442	2.04E-05	0.007933	2.76E-07	0.009396
5770	488726.3	3858505.26	0.72025	0.22529	0.14602	0.3644	1.35E-03	2E-05	0.00317	4.1E-07	0.00454	1.66E-03	2.42192E-05	0.003905	2.28E-07	5.59E-03	0.001462	1.86E-05	0.007437	2.35E-07	0.008918
5771	488880.6	3858599.28	0.66559	0.2009	0.13367	0.30173	1.25E-03	1.8E-05	0.0029	3.4E-07	0.00417	1.53E-03	2.15972E-05	0.003575	1.89E-07	5.13E-03	0.001351	1.66E-05	0.006808	1.95E-07	0.008176
5772	489008.06	3858714.75	0.65891	0.17681	0.12179	0.24919	1.24E-03	1.6E-05	0.00264	2.8E-07	0.0039	1.52E-03	1.90075E-05	0.003257	1.56E-07	4.79E-03	0.001338	1.46E-05	0.006203	1.61E-07	0.007555
5773	489071.48	3858772.72	0.62758	0.16674	0.11662	0.22899	1.18E-03	1.5E-05	0.00253	2.6E-07	0.00373	1.45E-03	1.79249E-05	0.003119	1.43E-07	4.58E-03	0.001274	1.38E-05	0.00594	1.48E-07	0.007228
5774	489244.59	3858920.19	0.34651	0.14481	0.10474	0.18943	6.51E-04	1.3E-05	0.00227	2.1E-07	0.00294	7.98E-04	1.55674E-05	0.002801	1.18E-07	3.61E-03	0.000704	1.2E-05	0.005334	1.22E-07	0.00605
5775	489239.69	3858952.23	0.31534	0.14112	0.103	0.18355	5.93E-04	1.2E-05	0.00224	2.1E-07	0.00284	7.26E-04	1.51707E-05	0.002755	1.15E-07	3.50E-03	0.00064	1.17E-05	0.005246	1.19E-07	0.005898
5776	489121.67	3858854.49	0.52245	0.15433	0.1104	0.2064	9.82E-04	1.4E-05	0.0024	2.3E-07	0.00339	1.20E-03	1.65908E-05	0.002953	1.29E-07	4.17E-03	0.001061	1.28E-05	0.005623	1.33E-07	0.006696
5777	489059.59	3858797.27	0.65687	0.16301	0.11506	0.22228	1.23E-03	1.4E-05	0.0025	2.5E-07	0.00375	1.51E-03	1.75239E-05	0.003077	1.39E-07	4.61E-03	0.001334	1.35E-05	0.00586	1.44E-07	0.007207
5778	488997.52	3858740.04	0.70482	0.17276	0.12018	0.24074	1.32E-03	1.5E-05	0.00261	2.7E-07	0.00395	1.62E-03	1.85721E-05	0.003214	1.51E-07	4.86E-03	0.001431	1.43E-05	0.006121	1.56E-07	0.007566
5779	488935.44	3858682.82	0.71127	0.18324	0.12553	0.26256	1.34E-03	1.6E-05	0.00273	2.9E-07	0.00408	1.64E-03	1.96987E-05	0.003357	1.64E-07	5.02E-03	0.001444	1.52E-05	0.006393	1.7E-07	0.007853
5780	488869.17	3858848.43	1.73827	0.15792	0.11359	0.21631	3.27E-03	1.4E-05	0.00247	2.4E-07	0.00575	4.00E-03	1.69768E-05	0.003038	1.35E-07	7.06E-03	0.003529	1.31E-05	0.005785	1.4E-07	0.009328
5781	488932.48	3858892.69	0.83596	0.1514	0.1099	0.20465	1.57E-03	1.3E-05	0.00239	2.3E-07	0.00397	1.93E-03	1.62758E-05	0.002939	1.28E-07	4.88E-03	0.001697	1.25E-05	0.005597	1.32E-07	0.007307
5782	489063.27	3858977.17	0.32308	0.14059	0.10365	0.18495	6.07E-04	1.2E-05	0.00225	2.1E-07	0.00287	7.44E-04	1.51137E-05	0.002772	1.16E-07	3.53E-03	0.000656	1.16E-05	0.005279	1.19E-07	0.005947
5783	489248.2	3859117.15	0.18961	0.1252	0.0945	0.15958	3.56E-04	1.1E-05	0.00205	1.8E-07	0.00242	4.37E-04	1.34593E-05	0.002527	9.98E-08	2.98E-03	0.000385	1.04E-05	0.004813	1.03E-07	0.005208
5784	489296.25	3859049.22	0.22708	0.13038	0.09713	0.16691	4.27E-04	1.1E-05	0.00211	1.9E-07	0.00255	5.23E-04	1.40161E-05	0.002598	1.04E-07	3.13E-03	0.000461	1.08E-05	0.004947	1.08E-07	0.005419
5785	489353.38	3858993.96	0.25668	0.13527	0.09917	0.17377	4.82E-04	1.2E-05	0.00215	1.9E-07	0.00265	5.91E-04	1.45418E-05	0.002652	1.09E-07	3.26E-03	0.000521	1.12E-05	0.005051	1.12E-07	0.005583
5786	489537.24	3859120.22	0.18225	0.12144	0.09087	0.15183	3.42E-04	1.1E-05	0.00197	1.7E-07	0.00233	4.20E-04	1.30551E-05	0.00243	9.5E-08	2.86E-03	0.00037	1E-05	0.004628	9.81E-08	0.005008
5787	489726.98	3859246.04	0.14462	0.10939	0.08338	0.13443	2.72E-04	9.6E-06	0.00181	1.5E-07	0.00209	3.33E-04	1.17597E-05	0.00223	8.41E-08	2.57E-03	0.000294	9.05E-06	0.004247	8.68E-08	0.004549
5788	489911.46	3859366.33	0.1223	0.10003	0.07736	0.12075	2.30E-04	8.8E-06	0.00168	1.3E-07	0.00192	2.82E-04	1.07534E-05	0.002069	7.55E-08	2.36E-03	0.000248	8.27E-06	0.00394	7.8E-08	0.004197
5789	490035.3	3859430.26	0.1128	0.09462	0.07371	0.11434	2.12E-04	8.3E-06	0.0016	1.3E-07	0.00182	2.60E-04	1.01719E-05	0.001971	7.15E-08	2.24E-03	0.000229	7.82E-06	0.003754	7.39E-08	0.003991
5790	490101.11	3859458.61	0.10915	0.09257	0.07226	0.11161	2.05E-04	8.1E-06	0.00157	1.2E-07	0.00178	2.51E-04	9.95148E-06	0.001933	6.98E-08	2.19E-03	0.000222	7.66E-06	0.00368	7.21E-08	0.00391
5791	490312.68	3859560.3	0.09807	0.08601	0.06766	0.10296	1.84E-04	7.5E-06	0.00147	1.2E-07	0.00166	2.26E-04	9.24627E-06	0.00181	6.44E-08	2.04E-03	0.000199	7.11E-06	0.003446	6.65E-08	0.003652

5792	490401.63	3859603.12	0.09418	0.08364	0.06597	0.0997	1.77E-04	7.3E-06	0.00143	1.1E-07	0.00162	2.17E-04	8.99149E-06	0.001764	6.24E-08	1.99E-03	0.000191	6.92E-06	0.00336	6.44E-08	0.003558
5793	490490.57	3859645.94	0.09066	0.08145	0.0644	0.09664	1.70E-04	7.1E-06	0.0014	1.1E-07	0.00158	2.09E-04	8.75606E-06	0.001722	6.04E-08	1.94E-03	0.000184	6.74E-06	0.00328	6.24E-08	0.003471
5794	490579.51	3859688.76	0.08749	0.0795	0.06299	0.09375	1.64E-04	7E-06	0.00137	1E-07	0.00154	2.01E-04	8.54643E-06	0.001685	5.86E-08	1.89E-03	0.000178	6.57E-06	0.003208	6.06E-08	0.003392
5795	490668.45	3859731.58	0.08474	0.07787	0.06179	0.09099	1.59E-04	6.8E-06	0.00134	1E-07	0.00151	1.95E-04	8.3712E-06	0.001653	5.69E-08	1.86E-03	0.000172	6.44E-06	0.003147	5.88E-08	0.003326
5796	490757.4	3859774.4	0.08176	0.07574	0.06027	0.08846	1.54E-04	6.6E-06	0.00131	9.9E-08	0.00147	1.88E-04	8.14222E-06	0.001612	5.53E-08	1.81E-03	0.000166	6.26E-06	0.00307	5.71E-08	0.003242
5797	491003.53	3859861.82	0.07653	0.07224	0.05749	0.08395	1.44E-04	6.3E-06	0.00125	9.4E-08	0.0014	1.76E-04	7.76596E-06	0.001538	5.25E-08	1.72E-03	0.000155	5.97E-06	0.002928	5.42E-08	0.003089
5798	491081.41	3859879.05	0.07546	0.07161	0.05688	0.08333	1.42E-04	6.3E-06	0.00124	9.3E-08	0.00138	1.74E-04	7.69824E-06	0.001521	5.21E-08	1.70E-03	0.000153	5.92E-06	0.002897	5.38E-08	0.003056
5799	491229.76	3859917.82	0.07321	0.07014	0.05561	0.08188	1.38E-04	6.2E-06	0.00121	9.1E-08	0.00135	1.69E-04	7.54021E-06	0.001487	5.12E-08	1.66E-03	0.000149	5.8E-06	0.002832	5.29E-08	0.002987
5800	491300.22	3859939.35	0.07196	0.06922	0.05488	0.08105	1.35E-04	6.1E-06	0.00119	9.1E-08	0.00133	1.66E-04	7.44131E-06	0.001468	5.07E-08	1.64E-03	0.000146	5.72E-06	0.002795	5.24E-08	0.002947
5801	491350.48	3860012.03	0.06796	0.06532	0.05244	0.07695	1.28E-04	5.7E-06	0.00114	8.6E-08	0.00127	1.56E-04	7.02205E-06	0.001403	4.81E-08	1.57E-03	0.000138	5.4E-06	0.002671	4.97E-08	0.002814
5802	491406.82	3860092.56	0.06417	0.06183	0.05022	0.07284	1.21E-04	5.4E-06	0.00109	8.1E-08	0.00122	1.48E-04	6.64686E-06	0.001343	4.56E-08	1.50E-03	0.00013	5.11E-06	0.002558	4.71E-08	0.002693
5803	491483.36	3860121.96	0.06305	0.06101	0.04957	0.07177	1.18E-04	5.4E-06	0.00108	8E-08	0.0012	1.45E-04	6.55871E-06	0.001326	4.49E-08	1.48E-03	0.000128	5.05E-06	0.002525	4.64E-08	0.002658
5804	491559.91	3860151.35	0.0619	0.06014	0.04887	0.07069	1.16E-04	5.3E-06	0.00106	7.9E-08	0.00118	1.43E-04	6.46518E-06	0.001307	4.42E-08	1.46E-03	0.000126	4.97E-06	0.002489	4.57E-08	0.00262
5805	491711.81	3860237.76	0.06017	0.05931	0.0482	0.06765	1.13E-04	5.2E-06	0.00105	7.6E-08	0.00117	1.39E-04	6.37596E-06	0.001289	4.23E-08	1.43E-03	0.000122	4.9E-06	0.002455	4.37E-08	0.002582
5806	491755.2	3860319.07	0.05553	0.05438	0.04494	0.06383	1.04E-04	4.8E-06	0.00098	7.1E-08	0.00109	1.28E-04	5.84597E-06	0.001202	3.99E-08	1.34E-03	0.000113	4.5E-06	0.002289	4.12E-08	0.002406
5807	491704.71	3860366.54	0.05398	0.05285	0.04408	0.06187	1.01E-04	4.6E-06	0.00096	6.9E-08	0.00106	1.24E-04	5.68149E-06	0.001179	3.87E-08	1.31E-03	0.00011	4.37E-06	0.002245	4E-08	0.002359
5808	491623.42	3860462.39	0.05093	0.05018	0.04248	0.0586	9.57E-05	4.4E-06	0.00092	6.5E-08	0.00102	1.17E-04	5.39446E-06	0.001136	3.67E-08	1.26E-03	0.000103	4.15E-06	0.002164	3.79E-08	0.002271
5809	491534.02	3860439.85	0.05319	0.05268	0.04443	0.06001	1.00E-04	4.6E-06	0.00096	6.7E-08	0.00107	1.22E-04	5.66322E-06	0.001188	3.75E-08	1.32E-03	0.000108	4.36E-06	0.002263	3.88E-08	0.002375
5810	491313.95	3860268.17	0.05648	0.05494	0.04608	0.0648	1.06E-04	4.8E-06	0.001	7.2E-08	0.00111	1.30E-04	5.90617E-06	0.001232	4.05E-08	1.37E-03	0.000115	4.54E-06	0.002347	4.19E-08	0.002466
5811	491187.12	3860143.56	0.06161	0.05928	0.04914	0.06985	1.16E-04	5.2E-06	0.00107	7.8E-08	0.00119	1.42E-04	6.37273E-06	0.001314	4.37E-08	1.46E-03	0.000125	4.9E-06	0.002503	4.51E-08	0.002633
5812	491070.43	3860075.97	0.06474	0.06194	0.0511	0.07287	1.22E-04	5.4E-06	0.00111	8.1E-08	0.00124	1.49E-04	6.65869E-06	0.001367	4.56E-08	1.52E-03	0.000131	5.12E-06	0.002603	4.71E-08	0.002739
5813	490995.09	3860039.38	0.06644	0.06336	0.05217	0.07456	1.25E-04	5.6E-06	0.00113	8.3E-08	0.00126	1.53E-04	6.81134E-06	0.001395	4.66E-08	1.56E-03	0.000135	5.24E-06	0.002657	4.82E-08	0.002797
5814	490919.75	3860002.8	0.06824	0.06487	0.0533	0.07631	1.28E-04	5.7E-06	0.00116	8.5E-08	0.00129	1.57E-04	6.97367E-06	0.001426	4.77E-08	1.59E-03	0.000139	5.36E-06	0.002715	4.93E-08	0.002859
5815	490756.81	3859894.53	0.07429	0.06982	0.0568	0.08181	1.40E-04	6.1E-06	0.00123	9.1E-08	0.00138	1.71E-04	7.50581E-06	0.001519	5.12E-08	1.70E-03	0.000151	5.77E-06	0.002893	5.28E-08	0.00305
5816	490668.07	3859860.92	0.07597	0.07106	0.05779	0.08369	1.43E-04	6.2E-06	0.00125	9.4E-08	0.0014	1.75E-04	7.63911E-06	0.001546	5.23E-08	1.73E-03	0.000154	5.88E-06	0.002943	5.41E-08	0.003103
5817	490579.34	3859827.3	0.07796	0.07267	0.05903	0.08575	1.47E-04	6.4E-06	0.00128	9.6E-08	0.00143	1.80E-04	7.81219E-06	0.001579	5.36E-08	1.77E-03	0.000158	6.01E-06	0.003006	5.54E-08	0.003171
5818	490490.6	3859793.68	0.07981	0.07407	0.06014	0.0879	1.50E-04	6.5E-06	0.00131	9.8E-08	0.00146	1.84E-04	7.96269E-06	0.001608	5.5E-08	1.80E-03	0.000162	6.13E-06	0.003063	5.68E-08	0.003231
5819	490401.86	3859760.07	0.08184	0.07564	0.06136	0.09022	1.54E-04	6.6E-06	0.00133	1E-07	0.00149	1.88E-04	8.13147E-06	0.001641	5.64E-08	1.84E-03	0.000166	6.26E-06	0.003125	5.83E-08	0.003298
5820	490313.12	3859726.45	0.08418	0.07752	0.0628	0.09276	1.58E-04	6.8E-06	0.00136	1E-07	0.00153	1.94E-04	8.33357E-06	0.00168	5.8E-08	1.88E-03	0.000171	6.41E-06	0.003198	5.99E-08	0.003376
5821	490224.39	3859692.83	0.08676	0.07963	0.06439	0.09552	1.63E-04	7E-06	0.0014	1.1E-07	0.00157	2.00E-04	8.5604E-06	0.001722	5.97E-08	1.93E-03	0.000176	6.59E-06	0.003279	6.17E-08	0.003462
5822	490135.65	3859659.22	0.08965	0.08202	0.06617	0.09851	1.68E-04	7.2E-06	0.00144	1.1E-07	0.00161	2.06E-04	8.81733E-06	0.00177	6.16E-08	1.99E-03	0.000182	6.78E-06	0.00337	6.36E-08	0.003559
5823	489918.18	3859559.23	0.09901	0.08906	0.07119	0.10754	1.86E-04	7.8E-06	0.00155	1.2E-07	0.00174	2.28E-04	9.57415E-06	0.001904	6.73E-08	2.14E-03	0.000201	7.37E-06	0.003626	6.95E-08	0.003834
5824	489743.61	3859486	0.10714	0.09464	0.07512	0.11534	2.01E-04	8.3E-06	0.00163	1.3E-07	0.00184	2.47E-04	1.0174E-05	0.002009	7.21E-08	2.27E-03	0.000218	7.83E-06	0.003826	7.45E-08	0.004051
5825	489660.32	3859440.27	0.11276	0.09793	0.07735	0.12007	2.12E-04	8.6E-06	0.00168	1.3E-07	0.0019	2.60E-04	1.05277E-05	0.002069	7.51E-08	2.34E-03	0.000229	8.1E-06	0.003939	7.76E-08	0.004177
5826	489577.04	3859394.53	0.11914	0.10145	0.07969	0.12509	2.24E-04	8.9E-06	0.00173	1.4E-07	0.00196	2.74E-04	1.09061E-05	0.002131	7.82E-08	2.42E-03	0.000242	8.39E-06	0.004059	8.08E-08	0.004309
5827	489493.75	3859348.8	0.12636	0.10502	0.08204	0.13041	2.37E-04	9.2E-06	0.00178	1.5E-07	0.00203	2.91E-04	1.12899E-05	0.002194	8.16E-08	2.50E-03	0.000257	8.69E-06	0.004178	8.42E-08	0.004444
5828	489321.28	3859240.02	0.14853	0.11415	0.08789	0.14396	2.79E-04	1E-05	0.00191	1.6E-07	0.0022	3.42E-04	1.22714E-05	0.002351	9E-08	2.71E-03	0.000302	9.44E-06	0.004476	9.3E-08	0.004787
5829	489235.41	3859193.96	0.16177	0.1188	0.09082	0.15056	3.04E-04	1E-05	0.00197	1.7E-07	0.00229	3.73E-04	1.27713E-05	0.002429	9.42E-08	2.81E-03	0.000328	9.82E-06	0.004626	9.73E-08	0.004964
5830	489149.54	3859147.89	0.17816	0.12275	0.0933	0.15764	3.35E-04	1.1E-05	0.00203	1.8E-07	0.00237	4.10E-04	1.31959E-05	0.002495	9.86E-08	2.92E-03	0.000362	1.02E-05	0.004752	1.02E-07	0.005124
5831	489063.68	3859101.82	0.20016	0.12756	0.09628	0.16512	3.76E-04	1.1E-05	0.00209	1.8E-07	0.00248	4.61E-04	1.3713E-05	0.002575	1.03E-07	3.05E-03	0.000406	1.05E-05	0.004904	1.07E-07	0.005321
5832	488977.81	3859055.75	0.23012	0.13269	0.09942	0.17308	4.32E-04	1.2E-05	0.00216	1.9E-07	0.0026	5.30E-04	1.42645E-05	0.002659	1.08E-07	3.20E-03	0.000467	1.1E-05	0.005064	1.12E-07	0.005542
5833	488891.94	3859009.69	0.27022	0.13709	0.1021	0.18166	5.08E-04	1.2E-05	0.00222	2E-07	0.00274	6.22E-04	1.47375E-05	0.002731	1.14E-07	3.37E-03	0.000549	1.13E-05	0.0052	1.17E-07	0.00576
5834	488808	3859060.73	0.22178	0.13046	0.09842	0.17115	4.17E-04	1.1E-05	0.00214	1.9E-07	0.00257	5.11E-04	1.40247E-05	0.002632	1.07E-07	3.16E-03	0.00045	1.08E-05	0.005013	1.11E-07	0.005474
5835	488809.93	3859157.85	0.17397	0.11972	0.09193	0.15432	3.27E-04	1.1E-05	0.002	1.7E-07	0.00233	4.01E-04	1.28702E-05	0.002459	9.65E-08	2.87E-03	0.000353	9.9E-06	0.004682	9.97E-08	0.005045
5836	488811.85	3859254.96	0.14589	0.11005	0.08585	0.14004	2.74E-04	9.7E-06	0.00186	1.6E-07	0.00215	3.36E-04	1.18306E-05	0.002296	8.76E-08	2.64E-03	0.000296	9.1E-06	0.004372	9.05E-08	0.004678
5837	488813.78	3859352.07	0.12676	0.10152	0.08036	0.12787	2.38E-04	8.9E-06	0.00175	1.4E-07	0.00199	2.92E-04	1.09136E-05	0.002149	8E-08	2.45E-03	0.000257	8.4E-06	0.004093	8.26E-08	0.004359
5838	488815.71	3859449.19	0.11296	0.09432	0.07568	0.1175	2.12E-04	8.3E-06	0.00164	1.3E-07	0.00186	2.60E-04	1.01396E-05	0.002024	7.35E-08	2.29E-03	0.000229	7.8E-06	0.003854	7.59E-08	0.004092
5839	488910.04	3859547.1	0.10241	0.08848	0.07172	0.10929	1.92E-04	7.8E-06	0.00156	1.2E-07	0.00176	2.36E-04	9.5118E-06	0.001918	6.84E-08	2.16E-03	0.000208	7.32E-06	0.003653	7.06E-08	0.003868
5840	489002.45	3859547.91	0.103	0.08922	0.07212	0.11	1.94E-04	7.8E-06	0.00157	1.2E-07	0.00177	2.37E-04	9.59135E-06	0.001929	6.88E-08	2.18E-03	0.000209	7.38E-06	0.003673	7.11E-08	0.00389
5841	489094.85	3859548.71	0.10363	0.09007	0.07266	0.1107	1.95E-04	7.9E-06	0.00158	1.2E-07	0.00178	2.39E-04	9.68273E-06	0.001943	6.92E-08	2.19E-03	0.00021	7.45E-06	0.003701	7.15E-08	0.003919
5842	489230.05	3859601.87	0.09925	0.08761	0.071	0.10716	1.87E-04	7.7E-06	0.00154	1.2E-07	0.00174	2.29E-04	9.41827E-06	0.001899	6.7E-08	2.14E-03	0.000202	7.25E-06	0.003616	6.92E-08	0.003825
5843	489227.52	3859680.89	0.09229	0.08286	0.0677	0.10076	1.73E-04	7.3E-06	0.00147	1.1E-07	0.00165	2.13E-04	8.90764E-06	0.001811	6.3E-08	2.03E-03	0.000187	6.85E-06	0.003448	6.51E-08	0.003642
5844	489133.47	3859760.29	0.08583	0.07792	0.06433	0.09452	1.61E-04	6.8E-06	0.0014	1.1E-07	0.00157	1.98E-04	8.37657E-06	0.001721	5.91E-08	1.93E-03	0.000174	6.44E-06	0.003276	6.11E-08	0.003457
5845	489041.96	3859760.67	0.08545	0.07732	0.06405	0.09398	1.61E-04	6.8E-06	0.00139	1.1E-07	0.00156	1.97E-04	8.31207E-06	0.001713	5.88E-08	1.92E-03	0.000173	6.39E-06	0.003262	6.07E-08	0.003442
5846	488950.45	3859761.05	0.08494	0.07664	0.06377	0.0933	1.60E-04	6.7E-06	0.00138	1E-07	0.00155	1.96E-04	8.23897E-06	0.001706	5.84E-08	1.91E-03	0.000172	6.34E-06	0.003248	6.03E-08	0.003427
5847	488858.94	3859761.43	0.08456	0.07603	0.06355	0.09254	1.59E-04	6.7E-06	0.00138	1E-07	0.00155	1.95E-04	8.1734E-06	0.0017	5.79E-08	1.90E-03	0.000172	6.29E-06	0.003237	5.98E-08	0.003415
5848	488767.43	3859761.82	0.08399	0.07502	0.06313	0.09165	1.58E-04	6.6E-06	0.00137	1E-07	0.00154	1.93E-04	8.06482E-06	0.001688	5.73E-08	1.89E-03	0.000171	6.2E-06	0.003215	5.92E-08	0.003392
5849	488675.92	3859762.2	0.08372	0.0741	0.0629	0.09101	1.57E-04	6.5E-06	0.00137	1E-07	0.00153	1.93E-04	7.96592E-06	0.001682	5.69E-08	1.88E-03	0.00017	6.13E-06	0.003204	5.88E-08	0.00338
5850	488584.41	3859762.58	0.08323	0.07279	0.06252	0.09049	1.56E-04	6.4E-06	0.00136	1E-07	0.00152	1.92E-04	7.82509E-06	0.001672	5.66E-08	1.87E-03	0.000169	6.02E-06	0.003184	5.85E-08	0.003359
5851	488492.9	3859762.96	0.08283	0.07156	0.06224	0.09015	1.56E-04	6.3E-06	0.00135	1E-07	0.00151	1.91E-04	7.69286E-06	0.001665	5.64E-08	1.86E-03	0.000168	5.92E-06	0.00317	5.82E-08	0.003344
5852	488402.76	3859830.95	0.07844	0.06769	0.05985	0.08578	1.47E-04	5.9E-06	0.0013	9.6E-08	0.00145	1.81E-04	7.27683E-06	0.001601	5.37E-08	1.79E-03	0.000159	5.6E-06	0.003048	5.54E-08	0.003213

5853	488404.14	3859898.55	0.07447	0.06479	0.05765	0.08196	1.40E-04	5.7E-06	0.00125	9.2E-08	0.0014	1.71E-04	6.96507E-06	0.001542	5.13E-08	1.72E-03	0.000151	5.36E-06	0.002936	5.29E-08	0.003093
5854	488505.18	3859964.96	0.07144	0.06297	0.05612	0.07899	1.34E-04	5.5E-06	0.00122	8.8E-08	0.00136	1.65E-04	6.76942E-06	0.001501	4.94E-08	1.67E-03	0.000145	5.21E-06	0.002858	5.1E-08	0.003009
5855	488604.84	3859963.76	0.07175	0.06397	0.05645	0.07932	1.35E-04	5.6E-06	0.00123	8.9E-08	0.00137	1.65E-04	6.87692E-06	0.00151	4.96E-08	1.68E-03	0.000146	5.29E-06	0.002875	5.12E-08	0.003026
5856	488704.51	3859962.56	0.07216	0.0652	0.05681	0.07972	1.36E-04	5.7E-06	0.00123	8.9E-08	0.00138	1.66E-04	7.00915E-06	0.001519	4.99E-08	1.69E-03	0.000147	5.39E-06	0.002893	5.15E-08	0.003045
5857	488804.18	3859961.37	0.07266	0.06638	0.05719	0.08032	1.37E-04	5.8E-06	0.00124	9E-08	0.00138	1.67E-04	7.136E-06	0.00153	5.02E-08	1.70E-03	0.000148	5.49E-06	0.002913	5.19E-08	0.003066
5858	488903.85	3859960.17	0.07318	0.06735	0.05756	0.0811	1.38E-04	5.9E-06	0.00125	9.1E-08	0.00139	1.69E-04	7.24028E-06	0.001539	5.07E-08	1.72E-03	0.000149	5.57E-06	0.002932	5.24E-08	0.003086
5859	489003.52	3859958.97	0.07361	0.06802	0.05781	0.08188	1.38E-04	6E-06	0.00126	9.1E-08	0.0014	1.70E-04	7.3123E-06	0.001546	5.12E-08	1.72E-03	0.000149	5.63E-06	0.002944	5.29E-08	0.003099
5860	489103.18	3859957.77	0.07399	0.06859	0.05801	0.08255	1.39E-04	6E-06	0.00126	9.2E-08	0.0014	1.70E-04	7.37358E-06	0.001552	5.16E-08	1.73E-03	0.00015	5.67E-06	0.002954	5.33E-08	0.00311
5861	489201.48	3860046.59	0.07004	0.06564	0.0558	0.07852	1.32E-04	5.8E-06	0.00121	8.8E-08	0.00135	1.61E-04	7.05645E-06	0.001492	4.91E-08	1.66E-03	0.000142	5.43E-06	0.002842	5.07E-08	0.00299
5862	489200.11	3860136.61	0.06604	0.0622	0.05342	0.07428	1.24E-04	5.5E-06	0.00116	8.3E-08	0.00129	1.52E-04	6.68664E-06	0.001429	4.65E-08	1.59E-03	0.000134	5.14E-06	0.002721	4.8E-08	0.00286
5863	489198.74	3860226.63	0.06247	0.05909	0.05121	0.07039	1.17E-04	5.2E-06	0.00111	7.9E-08	0.00123	1.44E-04	6.35231E-06	0.00137	4.4E-08	1.52E-03	0.000127	4.89E-06	0.002608	4.55E-08	0.00274
5864	489197.38	3860316.65	0.05916	0.05613	0.04907	0.06674	1.11E-04	4.9E-06	0.00107	7.5E-08	0.00118	1.36E-04	6.0341E-06	0.001312	4.17E-08	1.45E-03	0.00012	4.64E-06	0.002499	4.31E-08	0.002624
5865	489196.01	3860406.68	0.05626	0.05353	0.04716	0.06341	1.06E-04	4.7E-06	0.00102	7.1E-08	0.00113	1.30E-04	5.75459E-06	0.001261	3.97E-08	1.40E-03	0.000114	4.43E-06	0.002402	4.1E-08	0.002521
5866	489194.64	3860496.7	0.05338	0.05087	0.04516	0.0602	1.00E-04	4.5E-06	0.00098	6.7E-08	0.00109	1.23E-04	5.46864E-06	0.001208	3.77E-08	1.34E-03	0.000108	4.21E-06	0.0023	3.89E-08	0.002413
5867	489193.27	3860586.72	0.05094	0.0486	0.04345	0.05733	9.57E-05	4.3E-06	0.00094	6.4E-08	0.00104	1.17E-04	5.22461E-06	0.001162	3.59E-08	1.28E-03	0.000103	4.02E-06	0.002213	3.7E-08	0.00232
5868	489092.02	3860678.13	0.04832	0.04575	0.04155	0.05417	9.08E-05	4E-06	0.0009	6.1E-08	0.001	1.11E-04	4.91823E-06	0.001111	3.39E-08	1.23E-03	9.81E-05	3.78E-06	0.002116	3.5E-08	0.002218
5869	488992.13	3860679.52	0.04799	0.04501	0.0413	0.05382	9.02E-05	3.9E-06	0.0009	6E-08	0.00099	1.11E-04	4.83868E-06	0.001105	3.37E-08	1.22E-03	9.74E-05	3.72E-06	0.002103	3.48E-08	0.002205
5870	488892.24	3860680.92	0.04777	0.0444	0.0411	0.05365	8.98E-05	3.9E-06	0.00089	6E-08	0.00099	1.10E-04	4.7731E-06	0.001099	3.36E-08	1.21E-03	9.7E-05	3.67E-06	0.002093	3.47E-08	0.002194
5871	488792.36	3860682.31	0.04756	0.04391	0.04086	0.05354	8.94E-05	3.9E-06	0.00089	6E-08	0.00098	1.10E-04	4.72042E-06	0.001093	3.35E-08	1.21E-03	9.66E-05	3.63E-06	0.002081	3.46E-08	0.002181
5872	488692.47	3860683.7	0.0475	0.04378	0.0407	0.0535	8.93E-05	3.8E-06	0.00088	6E-08	0.00098	1.09E-04	4.70645E-06	0.001089	3.35E-08	1.20E-03	9.64E-05	3.62E-06	0.002073	3.46E-08	0.002173
5873	488592.59	3860685.1	0.04728	0.04373	0.04038	0.05325	8.88E-05	3.8E-06	0.00088	5.9E-08	0.00097	1.09E-04	4.70107E-06	0.00108	3.33E-08	1.19E-03	9.6E-05	3.62E-06	0.002057	3.44E-08	0.002156
5874	488492.71	3860686.49	0.0475	0.04427	0.0404	0.05312	8.93E-05	3.9E-06	0.00088	5.9E-08	0.00097	1.09E-04	4.75912E-06	0.001081	3.32E-08	1.19E-03	9.64E-05	3.66E-06	0.002058	3.43E-08	0.002158
5875	488299.07	3860762.18	0.04675	0.04462	0.03972	0.05094	8.79E-05	3.9E-06	0.00086	5.7E-08	0.00095	1.08E-04	4.79675E-06	0.001062	3.19E-08	1.17E-03	9.49E-05	3.69E-06	0.002023	3.29E-08	0.002122
5876	488205.32	3860764.09	0.04643	0.04442	0.03943	0.05041	8.73E-05	3.9E-06	0.00086	5.6E-08	0.00095	1.07E-04	4.77525E-06	0.001055	3.15E-08	1.17E-03	9.43E-05	3.67E-06	0.002008	3.26E-08	0.002106
5877	488111.56	3860766	0.04598	0.04379	0.03909	0.04989	8.64E-05	3.8E-06	0.00085	5.6E-08	0.00094	1.06E-04	4.70752E-06	0.001045	3.12E-08	1.16E-03	9.34E-05	3.62E-06	0.001991	3.22E-08	0.002088
5878	488017.81	3860767.91	0.04553	0.04289	0.0388	0.04946	8.56E-05	3.8E-06	0.00084	5.5E-08	0.00093	1.05E-04	4.61077E-06	0.001038	3.09E-08	1.15E-03	9.24E-05	3.55E-06	0.001976	3.19E-08	0.002072
5879	487924.06	3860769.81	0.04522	0.04187	0.03863	0.04921	8.50E-05	3.7E-06	0.00084	5.5E-08	0.00093	1.04E-04	4.50112E-06	0.001033	3.08E-08	1.14E-03	9.18E-05	3.46E-06	0.001967	3.18E-08	0.002063
5880	487830.31	3860771.72	0.04502	0.04083	0.03855	0.04908	8.46E-05	3.6E-06	0.00084	5.5E-08	0.00093	1.04E-04	4.38932E-06	0.001031	3.07E-08	1.14E-03	9.14E-05	3.38E-06	0.001963	3.17E-08	0.002058
5881	487736.55	3860773.63	0.04492	0.0399	0.03853	0.04906	8.44E-05	3.5E-06	0.00084	5.5E-08	0.00092	1.03E-04	4.28934E-06	0.001031	3.07E-08	1.14E-03	9.12E-05	3.3E-06	0.001962	3.17E-08	0.002057
5882	487642.8	3860775.54	0.04499	0.03929	0.03864	0.0492	8.45E-05	3.4E-06	0.00084	5.5E-08	0.00093	1.04E-04	4.22376E-06	0.001033	3.08E-08	1.14E-03	9.13E-05	3.25E-06	0.001968	3.18E-08	0.002063
5883	487549.48	3860684.71	0.047	0.04068	0.04012	0.05162	8.83E-05	3.6E-06	0.00087	5.8E-08	0.00096	1.08E-04	4.37319E-06	0.001073	3.23E-08	1.19E-03	9.54E-05	3.36E-06	0.002043	3.33E-08	0.002142
5884	487549.91	3860591.97	0.04878	0.04224	0.04136	0.05377	9.17E-05	3.7E-06	0.0009	6E-08	0.00099	1.12E-04	4.54089E-06	0.001106	3.36E-08	1.22E-03	9.9E-05	3.49E-06	0.002106	3.47E-08	0.002209
5885	487550.34	3860499.23	0.05095	0.04414	0.04288	0.05629	9.57E-05	3.9E-06	0.00093	6.3E-08	0.00103	1.17E-04	4.74515E-06	0.001147	3.52E-08	1.27E-03	0.000103	3.65E-06	0.002184	3.64E-08	0.002291
5886	487550.76	3860406.49	0.05339	0.04625	0.04458	0.05909	1.00E-04	4.1E-06	0.00097	6.6E-08	0.00107	1.23E-04	4.97198E-06	0.001192	3.7E-08	1.32E-03	0.000108	3.82E-06	0.00227	3.82E-08	0.002383
5887	487551.19	3860313.75	0.05583	0.04835	0.04625	0.062	1.05E-04	4.2E-06	0.001	6.9E-08	0.00111	1.29E-04	5.19773E-06	0.001237	3.88E-08	1.37E-03	0.000113	4E-06	0.002356	4.01E-08	0.002473
5888	487551.62	3860221.01	0.05857	0.05068	0.0481	0.06524	1.10E-04	4.4E-06	0.00104	7.3E-08	0.00116	1.35E-04	5.44821E-06	0.001286	4.08E-08	1.43E-03	0.000119	4.19E-06	0.00245	4.21E-08	0.002573
5889	487552.05	3860128.27	0.06191	0.05353	0.05035	0.06905	1.16E-04	4.7E-06	0.00109	7.7E-08	0.00121	1.43E-04	5.75459E-06	0.001347	4.32E-08	1.50E-03	0.000126	4.43E-06	0.002564	4.46E-08	0.002695
5890	487552.48	3860035.53	0.06541	0.05649	0.05266	0.07312	1.23E-04	5E-06	0.00114	8.2E-08	0.00127	1.51E-04	6.0728E-06	0.001408	4.57E-08	1.57E-03	0.000133	4.67E-06	0.002682	4.72E-08	0.00282
5891	487552.91	3859942.79	0.06864	0.05918	0.05471	0.07718	1.29E-04	5.2E-06	0.00119	8.6E-08	0.00132	1.58E-04	6.36198E-06	0.001463	4.83E-08	1.63E-03	0.000139	4.89E-06	0.002786	4.99E-08	0.002931
5892	487553.33	3859850.05	0.07292	0.06275	0.05742	0.08215	1.37E-04	5.5E-06	0.00125	9.2E-08	0.00139	1.68E-04	6.74577E-06	0.001536	5.14E-08	1.71E-03	0.000148	5.19E-06	0.002924	5.31E-08	0.003078
5893	487553.76	3859757.31	0.07717	0.06626	0.06	0.08732	1.45E-04	5.8E-06	0.0013	9.8E-08	0.00145	1.78E-04	7.1231E-06	0.001605	5.46E-08	1.79E-03	0.000157	5.48E-06	0.003056	5.64E-08	0.003218
5894	487554.19	3859664.57	0.08192	0.07012	0.06279	0.09305	1.54E-04	6.2E-06	0.00136	1E-07	0.00152	1.89E-04	7.53806E-06	0.001679	5.82E-08	1.88E-03	0.000166	5.8E-06	0.003198	6.01E-08	0.00337
5895	487460.2	3859571.05	0.08633	0.07314	0.06571	0.09925	1.62E-04	6.4E-06	0.00143	1.1E-07	0.0016	1.99E-04	7.86271E-06	0.001757	6.21E-08	1.96E-03	0.000175	6.05E-06	0.003347	6.41E-08	0.003528
5896	487365.78	3859570.27	0.08567	0.07313	0.06576	0.09933	1.61E-04	6.4E-06	0.00143	1.1E-07	0.0016	1.97E-04	7.86164E-06	0.001759	6.21E-08	1.96E-03	0.000174	6.05E-06	0.003349	6.42E-08	0.003529
5897	487271.36	3859569.48	0.08495	0.07395	0.06567	0.0995	1.60E-04	6.5E-06	0.00143	1.1E-07	0.00159	1.96E-04	7.94979E-06	0.001756	6.22E-08	1.96E-03	0.000172	6.12E-06	0.003345	6.43E-08	0.003523
5898	487176.94	3859568.7	0.08419	0.0752	0.06551	0.09971	1.58E-04	6.6E-06	0.00142	1.1E-07	0.00159	1.94E-04	8.08417E-06	0.001752	6.24E-08	1.95E-03	0.000171	6.22E-06	0.003336	6.44E-08	0.003514
5899	487082.51	3859567.92	0.08354	0.07659	0.06546	0.09992	1.57E-04	6.7E-06	0.00142	1.1E-07	0.00159	1.92E-04	8.2336E-06	0.001751	6.25E-08	1.95E-03	0.00017	6.33E-06	0.003334	6.45E-08	0.00351
5900	486988.09	3859567.14	0.08284	0.07779	0.0655	0.0999	1.56E-04	6.8E-06	0.00142	1.1E-07	0.00159	1.91E-04	8.3626E-06	0.001752	6.25E-08	1.95E-03	0.000168	6.43E-06	0.003336	6.45E-08	0.003511
5901	486893.67	3859566.36	0.08221	0.07882	0.0657	0.09975	1.54E-04	6.9E-06	0.00143	1.1E-07	0.00159	1.89E-04	8.47333E-06	0.001757	6.24E-08	1.96E-03	0.000167	6.52E-06	0.003346	6.44E-08	0.00352
5902	486799.25	3859565.58	0.08157	0.07957	0.06597	0.09944	1.53E-04	7E-06	0.00143	1.1E-07	0.00159	1.88E-04	8.55395E-06	0.001764	6.22E-08	1.96E-03	0.000166	6.58E-06	0.00336	6.42E-08	0.003532
5903	486704.83	3859564.79	0.08097	0.07992	0.06627	0.09899	1.52E-04	7E-06	0.00144	1.1E-07	0.0016	1.86E-04	8.59158E-06	0.001772	6.19E-08	1.97E-03	0.000164	6.61E-06	0.003375	6.39E-08	0.003546
5904	486610.41	3859564.01	0.0804	0.07982	0.06657	0.09836	1.51E-04	7E-06	0.00145	1.1E-07	0.0016	1.85E-04	8.58083E-06	0.00178	6.15E-08	1.97E-03	0.000163	6.6E-06	0.00339	6.35E-08	0.00356
5905	486515.99	3859563.23	0.07955	0.07918	0.06667	0.09735	1.49E-04	6.9E-06	0.00145	1.1E-07	0.0016	1.83E-04	8.51203E-06	0.001783	6.09E-08	1.97E-03	0.000162	6.55E-06	0.003396	6.29E-08	0.003564
5906	486421.57	3859562.45	0.07885	0.0787	0.06692	0.09634	1.48E-04	6.9E-06	0.00145	1.1E-07	0.00161	1.82E-04	8.46043E-06	0.00179	6.03E-08	1.98E-03	0.00016	6.51E-06	0.003408	6.22E-08	0.003575
5907	486327.14	3859561.67	0.07829	0.07864	0.06729	0.09539	1.47E-04	6.9E-06	0.00146	1.1E-07	0.00162	1.80E-04	8.45398E-06	0.0018	5.97E-08	1.99E-03	0.000159	6.5E-06	0.003427	6.16E-08	0.003593
5908	486232.72	3859560.89	0.07744	0.07867	0.06736	0.09419	1.46E-04	6.9E-06	0.00146	1.1E-07	0.00162	1.78E-04	8.4572E-06	0.001802	5.89E-08	1.99E-03	0.000157	6.51E-06	0.003431	6.08E-08	0.003594
5909	486138.3	3859560.1	0.07666	0.07904	0.06737	0.09302	1.44E-04	6.9E-06	0.00146	1E-07	0.00161	1.77E-04	8.49698E-06	0.001802	5.82E-08	1.99E-03	0.000156	6.54E-06	0.003431	6.01E-08	0.003593
5910	486043.88	3859559.32	0.07581	0.07931	0.06725	0.09177	1.42E-04	7E-06	0.00146	1E-07	0.00161	1.75E-04	8.526E-06	0.001799	5.74E-08	1.98E-03	0.000154	6.56E-06	0.003425	5.93E-08	0.003586
5911	485949.35	3859463.54	0.07849	0.0834	0.07034	0.09537	1.47E-04	7.3E-06	0.00153	1.1E-07	0.00168	1.81E-04	8.96569E-06	0.001881	5.96E-08	2.07E-03	0.000159	6.9E-06	0.003582	6.16E-08	0.003749
5912	485949.24	3859368.55	0.08237	0.08792	0.07392	0.10076	1.55E-04	7.7E-06	0.00161	1.1E-07	0.00177	1.90E-04	9.4516E-06	0.001977	6.3E-08	2.18E-03	0.000167	7.27E-06	0.003765	6.51E-08	0.003939
5913	485949.12	3859273.55	0.08664	0.09278	0.07791	0.10693	1.63E-04	8.1E-06	0.00169	1.2E-07	0.00186	2.00E-04	9.97406E-06	0.002084	6.69E-08	2.29E-03	0.000176	7.67E-06	0.003968	6.91E-08	0.004152

5914	485949.01	3859178.56	0.09115	0.09778	0.08217	0.11394	1.71E-04	8.6E-06	0.00178	1.3E-07	0.00196	2.10E-04	1.05116E-05	0.002198	7.13E-08	2.42E-03	0.000185	8.09E-06	0.004185	7.36E-08	0.004378
5915	485948.9	3859083.56	0.09625	0.10327	0.08705	0.122	1.81E-04	9.1E-06	0.00189	1.4E-07	0.00208	2.22E-04	1.11018E-05	0.002328	7.63E-08	2.56E-03	0.000195	8.54E-06	0.004434	7.88E-08	0.004638
5916	485948.79	3858988.56	0.10138	0.10855	0.09207	0.13045	1.91E-04	9.5E-06	0.002	1.5E-07	0.0022	2.33E-04	1.16694E-05	0.002462	8.16E-08	2.71E-03	0.000206	8.98E-06	0.004689	8.43E-08	0.004904
5917	485948.67	3858893.57	0.10689	0.1139	0.09747	0.13935	2.01E-04	1E-05	0.00212	1.6E-07	0.00233	2.46E-04	1.22445E-05	0.002607	8.72E-08	2.87E-03	0.000217	9.42E-06	0.004964	9E-08	0.005191
5918	485948.56	3858798.57	0.11353	0.12015	0.10387	0.14937	2.13E-04	1.1E-05	0.00226	1.7E-07	0.00248	2.61E-04	1.29164E-05	0.002778	9.34E-08	3.05E-03	0.000231	9.94E-06	0.00529	9.65E-08	0.005531
5919	485948.45	3858703.58	0.11981	0.1259	0.11007	0.15913	2.25E-04	1.1E-05	0.00239	1.8E-07	0.00263	2.76E-04	1.35345E-05	0.002944	9.95E-08	3.23E-03	0.000243	1.04E-05	0.005606	1.03E-07	0.00586
5920	485948.34	3858608.58	0.12742	0.13314	0.1177	0.17016	2.39E-04	1.2E-05	0.00256	1.9E-07	0.00281	2.93E-04	1.43128E-05	0.003148	1.06E-07	3.46E-03	0.000259	1.1E-05	0.005995	1.1E-07	0.006264
5921	485948.22	3858513.59	0.13558	0.14106	0.12612	0.18193	2.55E-04	1.2E-05	0.00274	2E-07	0.00301	3.12E-04	1.51643E-05	0.003373	1.14E-07	3.70E-03	0.000275	1.17E-05	0.006423	1.18E-07	0.00671
5922	485948.11	3858418.59	0.14415	0.14985	0.1352	0.19453	2.71E-04	1.3E-05	0.00294	2.2E-07	0.00322	3.32E-04	1.61092E-05	0.003616	1.22E-07	3.96E-03	0.000293	1.24E-05	0.006886	1.26E-07	0.007191
5923	485948	3858323.59	0.15413	0.1618	0.14585	0.20915	2.90E-04	1.4E-05	0.00317	2.3E-07	0.00347	3.55E-04	1.73939E-05	0.003901	1.31E-07	4.27E-03	0.000313	1.34E-05	0.007428	1.35E-07	0.007755
5924	485947.89	3858228.6	0.16424	0.17706	0.15694	0.22423	3.09E-04	1.6E-05	0.00341	2.5E-07	0.00373	3.78E-04	1.90343E-05	0.004197	1.4E-07	4.59E-03	0.000333	1.46E-05	0.007993	1.45E-07	0.008341
5925	485947.77	3858133.6	0.1753	0.19567	0.16917	0.2405	3.29E-04	1.7E-05	0.00367	2.7E-07	0.00402	4.04E-04	2.1035E-05	0.004525	1.5E-07	4.95E-03	0.000356	1.62E-05	0.008616	1.55E-07	0.008988
5926	485947.66	3858038.61	0.18953	0.21747	0.18495	0.26102	3.56E-04	1.9E-05	0.00402	2.9E-07	0.00439	4.36E-04	2.33785E-05	0.004947	1.63E-07	5.41E-03	0.000385	1.8E-05	0.00942	1.69E-07	0.009823
5927	485854.54	3857943.35	0.19486	0.22258	0.19534	0.26776	3.66E-04	2E-05	0.00424	3E-07	0.00463	4.49E-04	2.39278E-05	0.005225	1.67E-07	5.70E-03	0.000396	1.84E-05	0.009949	1.73E-07	0.010363
5928	485761.52	3857943.09	0.18753	0.20939	0.19027	0.25575	3.52E-04	1.8E-05	0.00413	2.9E-07	0.0045	4.32E-04	2.25099E-05	0.005089	1.6E-07	5.54E-03	0.000381	1.73E-05	0.009691	1.65E-07	0.010089
5929	485668.51	3857942.83	0.18134	0.19758	0.18616	0.24529	3.41E-04	1.7E-05	0.00404	2.7E-07	0.0044	4.18E-04	2.12403E-05	0.004979	1.53E-07	5.42E-03	0.000368	1.63E-05	0.009481	1.58E-07	0.009866
5930	485575.5	3857942.56	0.1748	0.18566	0.1815	0.23455	3.28E-04	1.6E-05	0.00394	2.6E-07	0.00429	4.03E-04	1.99589E-05	0.004854	1.47E-07	5.28E-03	0.000355	1.54E-05	0.009244	1.52E-07	0.009614
5931	485482.48	3857942.3	0.16933	0.17498	0.17767	0.22521	3.18E-04	1.5E-05	0.00386	2.5E-07	0.00419	3.90E-04	1.88107E-05	0.004752	1.41E-07	5.16E-03	0.000344	1.45E-05	0.009049	1.45E-07	0.009407
5932	485389.47	3857942.04	0.16409	0.16492	0.1737	0.21636	3.08E-04	1.4E-05	0.00377	2.4E-07	0.0041	3.78E-04	1.77293E-05	0.004646	1.35E-07	5.04E-03	0.000333	1.36E-05	0.008847	1.4E-07	0.009194
5933	485296.46	3857941.78	0.15916	0.15563	0.1697	0.20814	2.99E-04	1.4E-05	0.00369	2.3E-07	0.004	3.67E-04	1.67306E-05	0.004539	1.3E-07	4.92E-03	0.000323	1.29E-05	0.008643	1.34E-07	0.008979
5934	485203.45	3857941.52	0.15505	0.14754	0.16627	0.20093	2.91E-04	1.3E-05	0.00361	2.2E-07	0.00392	3.57E-04	1.58609E-05	0.004447	1.26E-07	4.82E-03	0.000315	1.22E-05	0.008468	1.3E-07	0.008795
5935	485110.43	3857941.26	0.15045	0.13934	0.16209	0.19367	2.83E-04	1.2E-05	0.00352	2.2E-07	0.00382	3.46E-04	1.49794E-05	0.004335	1.21E-07	4.70E-03	0.000305	1.15E-05	0.008255	1.25E-07	0.008572
5936	485017.42	3857940.99	0.14579	0.13143	0.15771	0.18669	2.74E-04	1.2E-05	0.00342	2.1E-07	0.00371	3.36E-04	1.4129E-05	0.004218	1.17E-07	4.57E-03	0.000296	1.09E-05	0.008032	1.21E-07	0.008339
5937	484924.41	3857940.73	0.14138	0.12412	0.15352	0.18008	2.66E-04	1.1E-05	0.00333	2E-07	0.00361	3.26E-04	1.33432E-05	0.004106	1.13E-07	4.45E-03	0.000287	1.03E-05	0.007819	1.16E-07	0.008116
5938	484831.39	3857940.47	0.13748	0.11777	0.14983	0.17394	2.58E-04	1E-05	0.00325	1.9E-07	0.00352	3.17E-04	1.26605E-05	0.004007	1.09E-07	4.34E-03	0.000279	9.74E-06	0.007631	1.12E-07	0.00792
5939	484738.12	3857859.3	0.13926	0.11376	0.15333	0.17504	2.62E-04	1E-05	0.00333	2E-07	0.0036	3.21E-04	1.22295E-05	0.004101	1.09E-07	4.43E-03	0.000283	9.41E-06	0.007809	1.13E-07	0.008101
5940	484737.85	3857778.4	0.14555	0.1163	0.16125	0.18278	2.74E-04	1E-05	0.0035	2E-07	0.00379	3.35E-04	1.25025E-05	0.004313	1.14E-07	4.66E-03	0.000296	9.62E-06	0.008213	1.18E-07	0.008518
5941	484737.59	3857697.49	0.15197	0.11912	0.1693	0.19083	2.86E-04	1E-05	0.00368	2.1E-07	0.00397	3.50E-04	1.28057E-05	0.004528	1.19E-07	4.89E-03	0.000309	9.85E-06	0.008623	1.23E-07	0.008941
5942	484737.32	3857616.59	0.1584	0.12186	0.17753	0.19919	2.98E-04	1.1E-05	0.00386	2.2E-07	0.00416	3.65E-04	1.31002E-05	0.004748	1.25E-07	5.13E-03	0.000322	1.01E-05	0.009042	1.29E-07	0.009374
5943	484645.53	3857535.18	0.16012	0.11993	0.18079	0.19983	3.01E-04	1.1E-05	0.00393	2.2E-07	0.00424	3.69E-04	1.28927E-05	0.004835	1.25E-07	5.22E-03	0.000325	9.92E-06	0.009208	1.29E-07	0.009543
5944	484553.99	3857534.67	0.15479	0.11575	0.17477	0.19162	2.91E-04	1E-05	0.0038	2.1E-07	0.0041	3.56E-04	1.24434E-05	0.004674	1.2E-07	5.04E-03	0.000314	9.57E-06	0.008901	1.24E-07	0.009225
5945	484462.46	3857534.17	0.15018	0.11279	0.16945	0.18405	2.82E-04	9.9E-06	0.00368	2.1E-07	0.00397	3.46E-04	1.21252E-05	0.004532	1.15E-07	4.89E-03	0.000305	9.33E-06	0.00863	1.19E-07	0.008945
5946	484370.93	3857533.66	0.14564	0.11026	0.16406	0.1767	2.74E-04	9.7E-06	0.00356	2E-07	0.00385	3.35E-04	1.18532E-05	0.004388	1.11E-07	4.74E-03	0.000296	9.12E-06	0.008356	1.14E-07	0.008661
5947	484279.4	3857533.16	0.1414	0.10814	0.15891	0.16964	2.66E-04	9.5E-06	0.00345	1.9E-07	0.00373	3.26E-04	1.16253E-05	0.00425	1.06E-07	4.59E-03	0.000287	8.94E-06	0.008093	1.1E-07	0.00839
5948	484187.86	3857532.65	0.13716	0.10609	0.15371	0.16277	2.58E-04	9.3E-06	0.00334	1.8E-07	0.00361	3.16E-04	1.14049E-05	0.004111	1.02E-07	4.44E-03	0.000278	8.77E-06	0.007829	1.05E-07	0.008116
5949	484096.33	3857532.15	0.13338	0.1045	0.14906	0.15636	2.51E-04	9.2E-06	0.00324	1.7E-07	0.0035	3.07E-04	1.1234E-05	0.003987	9.78E-08	4.31E-03	0.000271	8.64E-06	0.007592	1.01E-07	0.007871
5950	484004.8	3857531.64	0.12932	0.10277	0.1441	0.15025	2.43E-04	9E-06	0.00313	1.7E-07	0.00338	2.98E-04	1.1048E-05	0.003854	9.4E-08	4.16E-03	0.000263	8.5E-06	0.007339	9.71E-08	0.00761
5951	483913.27	3857531.14	0.12499	0.10076	0.13884	0.1444	2.35E-04	8.8E-06	0.00302	1.6E-07	0.00326	2.88E-04	1.08319E-05	0.003713	9.03E-08	4.01E-03	0.000254	8.33E-06	0.007071	9.33E-08	0.007333
5952	483821.73	3857530.63	0.12122	0.09894	0.1342	0.13894	2.28E-04	8.7E-06	0.00291	1.6E-07	0.00315	2.79E-04	1.06363E-05	0.003589	8.69E-08	3.88E-03	0.000246	8.18E-06	0.006835	8.98E-08	0.007089
5953	483729.61	3857450.11	0.12139	0.09937	0.13425	0.13748	2.28E-04	8.7E-06	0.00292	1.5E-07	0.00315	2.80E-04	1.06825E-05	0.003591	8.6E-08	3.88E-03	0.000246	8.22E-06	0.006837	8.88E-08	0.007092
5954	483729.03	3857370.08	0.12594	0.1028	0.13958	0.14159	2.37E-04	9E-06	0.00303	1.6E-07	0.00328	2.90E-04	1.10512E-05	0.003733	8.86E-08	4.03E-03	0.000256	8.5E-06	0.007109	9.15E-08	0.007373
5955	483728.44	3857290.06	0.13012	0.10617	0.14444	0.14568	2.45E-04	9.3E-06	0.00314	1.6E-07	0.00339	3.00E-04	1.14135E-05	0.003863	9.11E-08	4.17E-03	0.000264	8.78E-06	0.007356	9.41E-08	0.007629
5956	483727.86	3857210.03	0.13429	0.10964	0.1493	0.14983	2.52E-04	9.6E-06	0.00324	1.7E-07	0.0035	3.09E-04	1.17865E-05	0.003993	9.37E-08	4.31E-03	0.000273	9.07E-06	0.007604	9.68E-08	0.007886
5957	483641.15	3857129.07	0.13458	0.11156	0.14931	0.14752	2.53E-04	9.8E-06	0.00324	1.6E-07	0.00351	3.10E-04	1.19929E-05	0.003993	9.23E-08	4.32E-03	0.000273	9.23E-06	0.007604	9.53E-08	0.007887
5958	483555.03	3857128.14	0.13036	0.10988	0.14408	0.14133	2.45E-04	9.6E-06	0.00313	1.6E-07	0.00338	3.00E-04	1.18123E-05	0.003854	8.84E-08	4.17E-03	0.000265	9.09E-06	0.007338	9.13E-08	0.007612
5959	483468.91	3857127.2	0.12559	0.10779	0.13818	0.13543	2.36E-04	9.5E-06	0.003	1.5E-07	0.00325	2.89E-04	1.15877E-05	0.003696	8.47E-08	4.00E-03	0.000255	8.91E-06	0.007038	8.75E-08	0.007302
5960	483382.78	3857126.26	0.12217	0.10677	0.13382	0.13008	2.30E-04	9.4E-06	0.00291	1.5E-07	0.00315	2.81E-04	1.1478E-05	0.003579	8.14E-08	3.87E-03	0.000248	8.83E-06	0.006816	8.4E-08	0.007072
5961	483296.66	3857125.32	0.11838	0.10515	0.12895	0.12495	2.22E-04	9.2E-06	0.0028	1.4E-07	0.00303	2.73E-04	1.13039E-05	0.003449	7.81E-08	3.73E-03	0.00024	8.7E-06	0.006567	8.07E-08	0.006817
5962	483210.54	3857124.39	0.11454	0.10308	0.124	0.12007	2.15E-04	9E-06	0.00269	1.3E-07	0.00292	2.64E-04	1.10813E-05	0.003316	7.51E-08	3.59E-03	0.000233	8.52E-06	0.006315	7.76E-08	0.006557
5963	483123.4	3857030.96	0.11451	0.10467	0.12304	0.11836	2.15E-04	9.2E-06	0.00267	1.3E-07	0.0029	2.64E-04	1.12523E-05	0.003291	7.4E-08	3.57E-03	0.000232	8.66E-06	0.006266	7.65E-08	0.006508
5964	483122.38	3856938.46	0.11851	0.10901	0.12716	0.12126	2.23E-04	9.6E-06	0.00276	1.4E-07	0.00299	2.73E-04	1.17188E-05	0.003401	7.58E-08	3.69E-03	0.000241	9.01E-06	0.006476	7.83E-08	0.006726
5965	483121.35	3856845.97	0.12264	0.11375	0.13133	0.12407	2.30E-04	1E-05	0.00285	1.4E-07	0.00309	2.82E-04	1.22284E-05	0.003513	7.76E-08	3.81E-03	0.000249	9.41E-06	0.006689	8.01E-08	0.006947
5966	483120.33	3856753.47	0.12591	0.11798	0.13447	0.12686	2.37E-04	1E-05	0.00292	1.4E-07	0.00317	2.90E-04	1.26831E-05	0.003596	7.93E-08	3.90E-03	0.000256	9.76E-06	0.006849	8.19E-08	0.007114
5967	483119.31	3856660.98	0.12927	0.12237	0.13767	0.12952	2.43E-04	1.1E-05	0.00299	1.4E-07	0.00324	2.98E-04	1.3155E-05	0.003682	8.1E-08	3.99E-03	0.000262	1.01E-05	0.007012	8.37E-08	0.007284
5968	483118.29	3856568.49	0.13314	0.12708	0.14142	0.13198	2.50E-04	1.1E-05	0.00307	1.5E-07	0.00333	3.07E-04	1.36614E-05	0.003782	8.25E-08	4.10E-03	0.00027	1.05E-05	0.007203	8.53E-08	0.007484
5969	483117.26	3856475.99	0.13737	0.13183	0.14552	0.13427	2.58E-04	1.2E-05	0.00316	1.5E-07	0.00343	3.16E-04	1.4172E-05	0.003892	8.4E-08	4.22E-03	0.000279	1.09E-05	0.007411	8.67E-08	0.007701
5970	483116.24	3856383.5	0.14137	0.13613	0.14929	0.13644	2.66E-04	1.2E-05	0.00324	1.5E-07	0.00352	3.26E-04	1.46343E-05	0.003993	8.53E-08	4.33E-03	0.000287	1.13E-05	0.007603	8.81E-08	0.007902
5971	483115.22	3856291.01	0.14559	0.14067	0.15315	0.13822	2.74E-04	1.2E-05	0.00333	1.5E-07	0.00361	3.35E-04	1.51223E-05	0.004096	8.64E-08	4.45E-03	0.000296	1.16E-05	0.0078	8.93E-08	0.008107
5972	483114.2	3856198.51	0.14942	0.14505	0.15636	0.1392	2.81E-04	1.3E-05	0.0034	1.6E-07	0.00369	3.44E-04	1.55932E-05	0.004182	8.71E-08	4.54E-03	0.000303	1.2E-05	0.007964	8.99E-08	0.008279
5973	483113.17	3856106.02	0.15455	0.15127	0.16069	0.13889	2.90E-04	1.3E-05	0.00349	1.6E-07	0.00379	3.56E-04	1.62619E-05	0.004298	8.69E-08	4.67E-03	0.000314	1.25E-05	0.008184	8.97E-08	0.00851
5974	483112.15	3856013.52	0.15893	0.15812	0.16373	0.13782	2.99E-04	1.4E-05	0.00356	1.5E-07	0.00387	3.66E-04	1.69983E-05	0.004379	8.62E-08	4.76E-03	0.000323	1.31E-05	0.008339	8.9E-08	0.008675

5975	483029.25	3855920.47	0.15721	0.16339	0.15928	0.12953	2.95E-04	1.4E-05	0.00346	1.4E-07	0.00377	3.62E-04	1.75648E-05	0.00426	8.1E-08	4.64E-03	0.000319	1.35E-05	0.008112	8.37E-08	0.008445
5976	482947.37	3855919.91	0.15075	0.15857	0.15195	0.12339	2.83E-04	1.4E-05	0.0033	1.4E-07	0.00306	3.47E-04	1.70466E-05	0.004064	7.72E-08	4.43E-03	0.000306	1.31E-05	0.007739	7.97E-08	0.008058
5977	482865.49	3855919.36	0.14447	0.15385	0.14485	0.11778	2.71E-04	1.3E-05	0.00315	1.3E-07	0.00343	3.33E-04	1.65392E-05	0.003874	7.37E-08	4.22E-03	0.000293	1.27E-05	0.007377	7.61E-08	0.007683
5978	482783.61	3855918.8	0.13914	0.14993	0.13871	0.11256	2.61E-04	1.3E-05	0.00301	1.3E-07	0.00329	3.20E-04	1.61178E-05	0.00371	7.04E-08	4.05E-03	0.000283	1.24E-05	0.007065	7.27E-08	0.00736
5979	482700.33	3855818.39	0.13724	0.15387	0.13274	0.10663	2.58E-04	1.3E-05	0.00288	1.2E-07	0.00315	3.16E-04	1.65414E-05	0.00355	6.67E-08	3.88E-03	0.000279	1.27E-05	0.006761	6.89E-08	0.007052
5980	482698.92	3855718.54	0.14113	0.16068	0.13284	0.1054	2.65E-04	1.4E-05	0.00288	1.2E-07	0.00316	3.25E-04	1.72735E-05	0.003553	6.59E-08	3.90E-03	0.000287	1.33E-05	0.006766	6.81E-08	0.007066
5981	482697.52	3855618.68	0.1443	0.16375	0.13199	0.104	2.71E-04	1.4E-05	0.00287	1.2E-07	0.00315	3.32E-04	1.76035E-05	0.00353	6.5E-08	3.88E-03	0.000293	1.35E-05	0.006722	6.72E-08	0.007029
5982	482696.11	3855518.83	0.14813	0.16513	0.13145	0.10177	2.78E-04	1.4E-05	0.00285	1.1E-07	0.00315	3.41E-04	1.77518E-05	0.003516	6.37E-08	3.87E-03	0.000301	1.37E-05	0.006695	6.57E-08	0.007009
5983	482694.71	3855418.98	0.15086	0.16437	0.12988	0.09975	2.83E-04	1.4E-05	0.00282	1.1E-07	0.00312	3.47E-04	1.76701E-05	0.003474	6.24E-08	3.84E-03	0.000306	1.36E-05	0.006615	6.44E-08	0.006935
5984	482693.3	3855319.13	0.15353	0.16441	0.12827	0.09761	2.89E-04	1.4E-05	0.00279	1.1E-07	0.00309	3.54E-04	1.76744E-05	0.003431	6.1E-08	3.80E-03	0.000312	1.36E-05	0.006533	6.31E-08	0.006858
5985	482691.9	3855219.27	0.15707	0.16644	0.12665	0.09499	2.95E-04	1.5E-05	0.00275	1.1E-07	0.00306	3.62E-04	1.78927E-05	0.003387	5.94E-08	3.77E-03	0.000319	1.38E-05	0.00645	6.14E-08	0.006783
5986	482690.49	3855119.42	0.16035	0.16859	0.12392	0.09212	3.01E-04	1.5E-05	0.00269	1E-07	0.00301	3.69E-04	1.81238E-05	0.003314	5.76E-08	3.70E-03	0.000326	1.39E-05	0.006311	5.95E-08	0.006651
5987	482689.09	3855019.57	0.16587	0.17273	0.1221	0.08829	3.12E-04	1.5E-05	0.00265	9.9E-08	0.00298	3.82E-04	1.85689E-05	0.003266	5.52E-08	3.67E-03	0.000337	1.43E-05	0.006219	5.7E-08	0.00657
5988	482687.68	3854919.71	0.17053	0.17495	0.11882	0.0843	3.20E-04	1.5E-05	0.00258	9.4E-08	0.00292	3.93E-04	1.88075E-05	0.003178	5.27E-08	3.59E-03	0.000346	1.45E-05	0.006052	5.45E-08	0.006412
5989	482686.28	3854819.86	0.17702	0.17759	0.11548	0.07949	3.33E-04	1.6E-05	0.00251	8.9E-08	0.00286	4.08E-04	1.90913E-05	0.003089	4.97E-08	3.52E-03	0.000359	1.47E-05	0.005881	5.13E-08	0.006256
5990	482684.88	3854720.01	0.18221	0.17572	0.11042	0.07508	3.42E-04	1.5E-05	0.0024	8.4E-08	0.00276	4.20E-04	1.88903E-05	0.002953	4.7E-08	3.39E-03	0.00037	1.45E-05	0.005624	4.85E-08	0.006008
5991	482683.47	3854620.16	0.19105	0.17129	0.10565	0.07034	3.59E-04	1.5E-05	0.00229	7.9E-08	0.00267	4.40E-04	1.84141E-05	0.002826	4.4E-08	3.28E-03	0.000388	1.42E-05	0.005381	4.54E-08	0.005783
5992	482682.07	3854520.31	0.19917	0.15846	0.09982	0.06663	3.74E-04	1.4E-05	0.00217	7.4E-08	0.00256	4.59E-04	1.70348E-05	0.00267	4.17E-08	3.15E-03	0.000404	1.31E-05	0.005084	4.3E-08	0.005501
5993	482680.66	3854420.45	0.20738	0.14192	0.0943	0.06364	3.90E-04	1.2E-05	0.00205	7.1E-08	0.00245	4.78E-04	1.52567E-05	0.002522	3.98E-08	3.01E-03	0.000421	1.17E-05	0.004803	4.11E-08	0.005236
5994	482679.26	3854320.6	0.21387	0.12693	0.08941	0.06121	4.02E-04	1.1E-05	0.00194	6.8E-08	0.00235	4.93E-04	1.36453E-05	0.002391	3.83E-08	2.90E-03	0.000434	1.05E-05	0.004554	3.95E-08	0.004998
5995	482677.85	3854220.75	0.22658	0.11822	0.08603	0.05804	4.26E-04	1E-05	0.00187	6.5E-08	0.0023	5.22E-04	1.27089E-05	0.002301	3.63E-08	2.84E-03	0.00046	9.78E-06	0.004382	3.75E-08	0.004851
5996	482676.45	3854120.9	0.22599	0.10888	0.08097	0.05565	4.25E-04	9.6E-06	0.00176	6.2E-08	0.00219	5.20E-04	1.17048E-05	0.002166	3.48E-08	2.70E-03	0.000459	9E-06	0.004124	3.59E-08	0.004592
5997	482675.04	3854021.04	0.22723	0.10047	0.07613	0.0523	4.27E-04	8.8E-06	0.00165	5.8E-08	0.00209	5.23E-04	1.08008E-05	0.002036	3.27E-08	2.57E-03	0.000461	8.31E-06	0.003877	3.38E-08	0.004347
5998	482673.64	3853921.19	0.22698	0.09084	0.07081	0.04865	4.27E-04	8E-06	0.00154	5.4E-08	0.00197	5.23E-04	9.7655E-06	0.001894	3.04E-08	2.43E-03	0.000461	7.51E-06	0.003606	3.14E-08	0.004075
5999	482672.23	3853821.34	0.23064	0.0825	0.06604	0.0447	4.33E-04	7.2E-06	0.00143	5E-08	0.00187	5.31E-04	8.86893E-06	0.001766	2.8E-08	2.31E-03	0.000468	6.82E-06	0.003363	2.89E-08	0.003839
6000	482670.83	3853721.48	0.22698	0.07601	0.06168	0.04112	4.27E-04	6.7E-06	0.00134	4.6E-08	0.00177	5.23E-04	8.17125E-06	0.00165	2.57E-08	2.18E-03	0.000461	6.29E-06	0.003141	2.66E-08	0.003609
6001	482669.42	3853621.63	0.20101	0.0719	0.05816	0.03847	3.78E-04	6.3E-06	0.00126	4.3E-08	0.00165	4.63E-04	7.72941E-06	0.001556	2.41E-08	2.03E-03	0.000408	5.95E-06	0.002962	2.49E-08	0.003376
6002	482645.99	3853446.13	0.11545	0.06779	0.05474	0.03633	2.17E-04	5.9E-06	0.00119	4.1E-08	0.00141	2.66E-04	7.28758E-06	0.001464	2.27E-08	1.74E-03	0.000234	5.61E-06	0.002788	2.35E-08	0.003028
6003	482623.97	3853370.48	0.09712	0.06579	0.05375	0.03615	1.83E-04	5.8E-06	0.00117	4E-08	0.00136	2.24E-04	7.07257E-06	0.001438	2.26E-08	1.67E-03	0.000197	5.44E-06	0.002738	2.34E-08	0.00294
6004	482601.94	3853294.84	0.08562	0.06385	0.05309	0.03628	1.61E-04	5.6E-06	0.00115	4.1E-08	0.00132	1.97E-04	6.86402E-06	0.00142	2.27E-08	1.62E-03	0.000174	5.28E-06	0.002704	2.34E-08	0.002883
6005	482531.29	3853133.44	0.07129	0.05904	0.05134	0.03632	1.34E-04	5.2E-06	0.00111	4.1E-08	0.00125	1.64E-04	6.34693E-06	0.001373	2.27E-08	1.54E-03	0.000145	4.88E-06	0.002615	2.35E-08	0.002764
6006	482482.68	3853047.69	0.06645	0.05655	0.05025	0.03598	1.25E-04	5E-06	0.00109	4E-08	0.00122	1.53E-04	6.07925E-06	0.001344	2.25E-08	1.50E-03	0.000135	4.68E-06	0.002559	2.32E-08	0.002699
6007	482383.09	3852897.4	0.05922	0.05174	0.04762	0.03519	1.11E-04	4.5E-06	0.00103	3.9E-08	0.00115	1.36E-04	5.56217E-06	0.001274	2.2E-08	1.42E-03	0.00012	4.28E-06	0.002425	2.27E-08	0.00255
6008	482265.64	3852765.26	0.05405	0.04791	0.04486	0.03361	1.02E-04	4.2E-06	0.00097	3.8E-08	0.00108	1.24E-04	5.15043E-06	0.0012	2.1E-08	1.33E-03	0.00011	3.96E-06	0.002285	2.17E-08	0.002398
6009	482199.16	3852697.66	0.05173	0.04616	0.04347	0.03266	9.72E-05	4E-06	0.00094	3.6E-08	0.00105	1.19E-04	4.9623E-06	0.001163	2.04E-08	1.29E-03	0.000105	3.82E-06	0.002214	2.11E-08	0.002323
6010	482132.69	3852630.07	0.04966	0.04458	0.04219	0.03174	9.33E-05	3.9E-06	0.00092	3.5E-08	0.00101	1.14E-04	4.79245E-06	0.001128	1.99E-08	1.25E-03	0.000101	3.69E-06	0.002149	2.05E-08	0.002253
6011	482066.21	3852562.48	0.04772	0.04306	0.04095	0.03087	8.97E-05	3.8E-06	0.00089	3.4E-08	0.00098	1.10E-04	4.62905E-06	0.001095	1.93E-08	1.21E-03	9.69E-05	3.56E-06	0.002086	1.99E-08	0.002186
6012	481999.74	3852494.89	0.04587	0.04157	0.03974	0.03007	8.62E-05	3.6E-06	0.00086	3.4E-08	0.00095	1.06E-04	4.46887E-06	0.001063	1.88E-08	1.17E-03	9.31E-05	3.44E-06	0.002024	1.94E-08	0.002121
6013	481933.26	3852427.29	0.04417	0.04017	0.03858	0.02931	8.30E-05	3.5E-06	0.00084	3.3E-08	0.00092	1.02E-04	4.31837E-06	0.001032	1.83E-08	1.14E-03	8.97E-05	3.32E-06	0.001965	1.89E-08	0.002058
6014	481866.79	3852359.7	0.04267	0.03896	0.03755	0.02853	8.02E-05	3.4E-06	0.00082	3.2E-08	0.0009	9.83E-05	4.18829E-06	0.001004	1.78E-08	1.11E-03	8.66E-05	3.22E-06	0.001912	1.84E-08	0.002002
6015	481800.31	3852292.11	0.04129	0.03782	0.03658	0.02777	7.76E-05	3.3E-06	0.00079	3.1E-08	0.00088	9.51E-05	4.06573E-06	0.000978	1.74E-08	1.08E-03	8.38E-05	3.13E-06	0.001863	1.79E-08	0.00195
6016	481733.84	3852224.52	0.03997	0.03671	0.03564	0.02705	7.51E-05	3.2E-06	0.00077	3E-08	0.00085	9.20E-05	3.94641E-06	0.000953	1.69E-08	1.05E-03	8.12E-05	3.04E-06	0.001815	1.75E-08	0.001899
6017	481667.36	3852156.92	0.03878	0.03573	0.03478	0.02631	7.29E-05	3.1E-06	0.00076	2.9E-08	0.00083	8.93E-05	3.84106E-06	0.00093	1.65E-08	1.02E-03	7.87E-05	2.95E-06	0.001771	1.7E-08	0.001853
6018	481600.89	3852089.33	0.03752	0.03462	0.03383	0.02573	7.05E-05	3E-06	0.00073	2.9E-08	0.00081	8.64E-05	3.72173E-06	0.000905	1.61E-08	9.95E-04	7.62E-05	2.86E-06	0.001723	1.66E-08	0.001802
6019	481534.41	3852021.74	0.03632	0.03353	0.03291	0.0252	6.83E-05	2.9E-06	0.00071	2.8E-08	0.00079	8.36E-05	3.60455E-06	0.00088	1.58E-08	9.67E-04	7.37E-05	2.77E-06	0.001676	1.63E-08	0.001753
6020	481467.94	3851954.15	0.03522	0.03254	0.03205	0.02466	6.62E-05	2.9E-06	0.0007	2.8E-08	0.00077	8.11E-05	3.49812E-06	0.000857	1.54E-08	9.42E-04	7.15E-05	2.69E-06	0.001632	1.59E-08	0.001707
6021	481401.46	3851886.55	0.03423	0.03167	0.03128	0.02409	6.43E-05	2.8E-06	0.00068	2.7E-08	0.00075	7.88E-05	3.4046E-06	0.000837	1.51E-08	9.19E-04	6.95E-05	2.62E-06	0.001593	1.56E-08	0.001665
6022	481265.87	3851761.43	0.03236	0.02998	0.02972	0.02297	6.08E-05	2.6E-06	0.00065	2.6E-08	0.00071	7.45E-05	3.22292E-06	0.000795	1.44E-08	8.73E-04	6.57E-05	2.48E-06	0.001514	1.48E-08	0.001582
6023	481196.74	3851703.89	0.03154	0.02925	0.02899	0.02234	5.93E-05	2.6E-06	0.00063	2.5E-08	0.00069	7.26E-05	3.14444E-06	0.000775	1.4E-08	8.51E-04	6.4E-05	2.42E-06	0.001476	1.44E-08	0.001543
6024	481076.33	3851619.04	0.03023	0.02806	0.02773	0.0212	5.68E-05	2.5E-06	0.0006	2.4E-08	0.00066	6.96E-05	3.01651E-06	0.000742	1.33E-08	8.14E-04	6.14E-05	2.32E-06	0.001412	1.37E-08	0.001476
6025	480939.8	3851549.07	0.02895	0.02683	0.02633	0.01965	5.44E-05	2.4E-06	0.00057	2.2E-08	0.00063	6.67E-05	2.88429E-06	0.000704	1.23E-08	7.74E-04	5.88E-05	2.22E-06	0.001341	1.27E-08	0.001402
6026	480854.56	3851506.41	0.02814	0.02601	0.02545	0.01873	5.29E-05	2.3E-06	0.00055	2.1E-08	0.00061	6.48E-05	2.79613E-06	0.000681	1.17E-08	7.48E-04	5.71E-05	2.15E-06	0.001296	1.21E-08	0.001355
6027	480769.32	3851463.75	0.02736	0.02519	0.02461	0.01782	5.14E-05	2.2E-06	0.00053	2E-08	0.00059	6.30E-05	2.70798E-06	0.000658	1.11E-08	7.24E-04	5.56E-05	2.08E-06	0.001253	1.15E-08	0.001311
6028	480684.08	3851421.08	0.02658	0.02437	0.0238	0.01695	4.99E-05	2.1E-06	0.00052	1.9E-08	0.00057	6.12E-05	2.61983E-06	0.000637	1.06E-08	7.00E-04	5.4E-05	2.02E-06	0.001212	1.09E-08	0.001268
6029	480598.84	3851378.42	0.02579	0.02351	0.02299	0.01621	4.85E-05	2.1E-06	0.0005	1.8E-08	0.00055	5.94E-05	2.52738E-06	0.000615	1.01E-08	6.77E-04	5.24E-05	1.94E-06	0.001171	1.05E-08	0.001225
6030	480435.71	3851275.01	0.02436	0.02204	0.02166	0.015	4.58E-05	1.9E-06	0.00047	1.7E-08	0.00052	5.61E-05	2.36935E-06	0.000579	9.38E-09	6.38E-04	4.95E-05	1.82E-06	0.001103	9.69E-09	0.001154
6031	480347.85	3851232.36	0.02362	0.02123	0.02095	0.01434	4.44E-05	1.9E-06	0.00045	1.6E-08	0.0005	5.44E-05	2.28227E-06	0.00056	8.97E-09	6.17E-04	4.8E-05	1.76E-06	0.001067	9.26E-09	0.001117
6032	480260	3851189.72	0.0229	0.02046	0.02027	0.01373	4.30E-05	1.8E-06	0.00044	1.5E-08	0.00049	5.27E-05	2.1995E-06	0.000542	8.59E-09	5.97E-04	4.65E-05	1.69E-06	0.001032	8.87E-09	0.001081
6033	480172.15	3851147.07	0.02221	0.01972	0.01965	0.01317	4.17E-05	1.7E-06	0.00043	1.5E-08	0.00047	5.11E-05	2.11994E-06	0.000526	8.24E-09	5.79E-04	4.51E-05	1.63E-06	0.001001	8.51E-09	0.001048
6034	480084.29	3851104.42	0.02152	0.01902	0.01907	0.01264	4.04E-05	1.7E-06	0.00041	1.4E-08	0.00046	4.96E-05	2.04469E-06	0.00051	7.91E-09	5.62E-04	4.37E-05	1.57E-06	0.000971	8.17E-09	0.001017
6035	479996.44	3851061.77	0.02087	0.01836	0.01853	0.01216	3.92E-05	1.6E-06	0.0004	1.4E-08	0.00044	4.81E-05	1.97374E-06	0.000496	7.61E-09	5.46E-04	4.24E-05	1.52E-06	0.000944	7.85E-09	0.000988

6036	479908.58	3851019.13	0.02017	0.01777	0.01798	0.01158	3.79E-05	1.6E-06	0.00039	1.3E-08	0.00043	4.64E-05	1.91031E-06	0.000481	7.24E-09	5.29E-04	4.1E-05	1.47E-06	0.000916	7.48E-09	0.000958
6037	479820.73	3850976.48	0.01956	0.01718	0.01749	0.01123	3.68E-05	1.5E-06	0.00038	1.3E-08	0.00042	4.50E-05	1.84689E-06	0.000468	7.02E-09	5.15E-04	3.97E-05	1.42E-06	0.000891	7.25E-09	0.000932
6038	479732.88	3850933.83	0.01897	0.01663	0.01703	0.01092	3.56E-05	1.5E-06	0.00037	1.2E-08	0.00041	4.37E-05	1.78776E-06	0.000455	6.83E-09	5.01E-04	3.85E-05	1.38E-06	0.000867	7.05E-09	0.000907
6039	479645.02	3850891.18	0.01843	0.01611	0.01663	0.01067	3.46E-05	1.4E-06	0.00036	1.2E-08	0.0004	4.24E-05	1.73186E-06	0.000445	6.67E-09	4.89E-04	3.74E-05	1.33E-06	0.000847	6.89E-09	0.000886
6040	479557.17	3850848.54	0.01795	0.01564	0.01628	0.01049	3.37E-05	1.4E-06	0.00035	1.2E-08	0.00039	4.13E-05	1.68134E-06	0.000435	6.56E-09	4.78E-04	3.64E-05	1.29E-06	0.000829	6.78E-09	0.000867
6041	479469.32	3850805.89	0.01742	0.01521	0.01589	0.01024	3.27E-05	1.3E-06	0.00035	1.1E-08	0.00038	4.01E-05	1.63511E-06	0.000425	6.4E-09	4.67E-04	3.54E-05	1.26E-06	0.000809	6.61E-09	0.000846
6042	479381.46	3850763.24	0.01704	0.01481	0.01564	0.01013	3.20E-05	1.3E-06	0.00034	1.1E-08	0.00037	3.92E-05	1.59211E-06	0.000418	6.34E-09	4.59E-04	3.46E-05	1.22E-06	0.000797	6.54E-09	0.000832
6043	479293.61	3850720.59	0.01675	0.01443	0.01545	0.0101	3.15E-05	1.3E-06	0.00034	1.1E-08	0.00037	3.86E-05	1.55126E-06	0.000413	6.32E-09	4.53E-04	3.4E-05	1.19E-06	0.000787	6.52E-09	0.000822
6044	479205.76	3850677.95	0.01644	0.01409	0.01524	0.01005	3.09E-05	1.2E-06	0.00033	1.1E-08	0.00036	3.79E-05	1.51471E-06	0.000408	6.29E-09	4.47E-04	3.34E-05	1.17E-06	0.000776	6.49E-09	0.000811
6045	479117.9	3850635.3	0.01617	0.01377	0.01503	0.01003	3.04E-05	1.2E-06	0.00033	1.1E-08	0.00036	3.72E-05	1.48031E-06	0.000402	6.27E-09	4.41E-04	3.28E-05	1.14E-06	0.000765	6.48E-09	0.000799
6046	479030.05	3850592.65	0.01589	0.01348	0.01482	0.00998	2.99E-05	1.2E-06	0.00032	1.1E-08	0.00035	3.66E-05	1.44913E-06	0.000396	6.24E-09	4.34E-04	3.23E-05	1.11E-06	0.000755	6.45E-09	0.000788
6047	478942.19	3850550	0.01554	0.01324	0.01461	0.00982	2.92E-05	1.2E-06	0.00032	1.1E-08	0.00035	3.58E-05	1.42333E-06	0.000391	6.14E-09	4.28E-04	3.16E-05	1.09E-06	0.000744	6.34E-09	0.000777
6048	478854.34	3850507.36	0.01497	0.01303	0.0142	0.00949	2.81E-05	1.1E-06	0.00031	1.1E-08	0.00034	3.45E-05	1.40075E-06	0.00038	5.94E-09	4.16E-04	3.04E-05	1.08E-06	0.000723	6.13E-09	0.000755
6049	478766.49	3850464.71	0.01457	0.01266	0.01389	0.00933	2.74E-05	1.1E-06	0.0003	1E-08	0.00033	3.36E-05	1.36098E-06	0.000371	5.84E-09	4.06E-04	2.96E-05	1.05E-06	0.000707	6.03E-09	0.000738
6050	478678.63	3850422.06	0.01424	0.01245	0.01364	0.00923	2.68E-05	1.1E-06	0.0003	1E-08	0.00032	3.28E-05	1.3384E-06	0.000365	5.77E-09	3.99E-04	2.89E-05	1.03E-06	0.000695	5.96E-09	0.000725
6051	478590.78	3850379.41	0.0139	0.01226	0.01337	0.00911	2.61E-05	1.1E-06	0.00029	1E-08	0.00032	3.20E-05	1.31798E-06	0.000358	5.7E-09	3.91E-04	2.82E-05	1.01E-06	0.000681	5.88E-09	0.00071
6052	478502.93	3850336.77	0.01365	0.01209	0.01319	0.00904	2.57E-05	1.1E-06	0.00029	1E-08	0.00031	3.14E-05	1.2997E-06	0.000353	5.65E-09	3.86E-04	2.77E-05	1E-06	0.000672	5.84E-09	0.0007
6053	478415.07	3850294.12	0.01346	0.01193	0.01304	0.00899	2.53E-05	1E-06	0.00028	1E-08	0.00031	3.10E-05	1.2825E-06	0.000349	5.62E-09	3.81E-04	2.73E-05	9.87E-07	0.000664	5.81E-09	0.000692
6054	478327.22	3850251.47	0.01315	0.01159	0.0128	0.00888	2.47E-05	1E-06	0.00028	9.9E-09	0.0003	3.03E-05	1.24595E-06	0.000342	5.55E-09	3.74E-04	2.67E-05	9.58E-07	0.000652	5.74E-09	0.00068
6055	478239.36	3850208.82	0.01291	0.01144	0.01261	0.00879	2.43E-05	1E-06	0.00027	9.8E-09	0.0003	2.97E-05	1.22983E-06	0.000337	5.5E-09	3.68E-04	2.62E-05	9.46E-07	0.000642	5.68E-09	0.000669
6056	478151.51	3850166.18	0.01271	0.01132	0.01245	0.00872	2.39E-05	9.9E-07	0.00027	9.7E-09	0.0003	2.93E-05	1.21693E-06	0.000333	5.45E-09	3.63E-04	2.58E-05	9.36E-07	0.000634	5.63E-09	0.000661
6057	478063.66	3850123.53	0.01254	0.0112	0.01231	0.00866	2.36E-05	9.8E-07	0.00027	9.7E-09	0.00029	2.89E-05	1.20403E-06	0.000329	5.42E-09	3.59E-04	2.55E-05	9.26E-07	0.000627	5.59E-09	0.000653
6058	477975.8	3850080.88	0.01279	0.01128	0.01252	0.00884	2.40E-05	9.9E-07	0.00027	9.9E-09	0.0003	2.95E-05	1.21263E-06	0.000335	5.53E-09	3.66E-04	2.6E-05	9.33E-07	0.000638	5.71E-09	0.000665
6059	477887.95	3850038.23	0.01272	0.01117	0.01247	0.00883	2.39E-05	9.8E-07	0.00027	9.9E-09	0.0003	2.93E-05	1.2008E-06	0.000334	5.52E-09	3.64E-04	2.58E-05	9.24E-07	0.000635	5.7E-09	0.000662
6060	477800.1	3849995.59	0.0127	0.01107	0.01245	0.00885	2.39E-05	9.7E-07	0.00027	9.9E-09	0.0003	2.92E-05	1.19005E-06	0.000333	5.54E-09	3.63E-04	2.58E-05	9.15E-07	0.000634	5.72E-09	0.000661
6061	477712.24	3849952.94	0.01258	0.01096	0.01235	0.00881	2.36E-05	9.6E-07	0.00027	9.8E-09	0.00029	2.90E-05	1.17822E-06	0.00033	5.51E-09	3.60E-04	2.55E-05	9.06E-07	0.000629	5.69E-09	0.000655
6062	477624.39	3849910.29	0.01246	0.01085	0.01224	0.00876	2.34E-05	9.5E-07	0.00027	9.8E-09	0.00029	2.87E-05	1.1664E-06	0.000327	5.48E-09	3.57E-04	2.53E-05	8.97E-07	0.000623	5.66E-09	0.00065
6063	477536.54	3849867.64	0.01237	0.01075	0.01215	0.00872	2.32E-05	9.4E-07	0.00026	9.7E-09	0.00029	2.85E-05	1.15565E-06	0.000325	5.45E-09	3.55E-04	2.51E-05	8.89E-07	0.000619	5.63E-09	0.000645
6064	477448.68	3849825	0.01222	0.01064	0.01202	0.00865	2.30E-05	9.3E-07	0.00026	9.7E-09	0.00028	2.81E-05	1.14382E-06	0.000321	5.41E-09	3.51E-04	2.48E-05	8.8E-07	0.000612	5.59E-09	0.000638
6065	477360.83	3849782.35	0.01209	0.01053	0.01189	0.00857	2.27E-05	9.2E-07	0.00026	9.6E-09	0.00028	2.78E-05	1.132E-06	0.000318	5.36E-09	3.47E-04	2.45E-05	8.71E-07	0.000606	5.54E-09	0.000631
6066	477272.97	3849739.7	0.01195	0.01043	0.01176	0.0085	2.25E-05	9.1E-07	0.00026	9.5E-09	0.00028	2.75E-05	1.12125E-06	0.000315	5.32E-09	3.43E-04	2.43E-05	8.63E-07	0.000599	5.49E-09	0.000624
6067	477185.12	3849697.05	0.01184	0.01033	0.01165	0.00844	2.22E-05	9.1E-07	0.00025	9.4E-09	0.00028	2.73E-05	1.1105E-06	0.000312	5.28E-09	3.40E-04	2.4E-05	8.54E-07	0.000593	5.45E-09	0.000618
6068	477097.27	3849654.41	0.01168	0.01022	0.0115	0.00835	2.19E-05	9E-07	0.00025	9.3E-09	0.00027	2.69E-05	1.09867E-06	0.000308	5.22E-09	3.36E-04	2.37E-05	8.45E-07	0.000586	5.39E-09	0.00061
6069	477009.41	3849611.76	0.01143	0.01011	0.01126	0.0082	2.15E-05	8.9E-07	0.00024	9.2E-09	0.00027	2.63E-05	1.08685E-06	0.000301	5.13E-09	3.29E-04	2.32E-05	8.36E-07	0.000573	5.3E-09	0.000598
6070	476841.49	3849530.08	0.01114	0.00992	0.01097	0.00802	2.09E-05	8.7E-07	0.00024	9E-09	0.00026	2.57E-05	1.06642E-06	0.000293	5.02E-09	3.20E-04	2.26E-05	8.2E-07	0.000559	5.18E-09	0.000582
6071	476761.41	3849491.05	0.01104	0.00983	0.01087	0.00797	2.07E-05	8.6E-07	0.00024	8.9E-09	0.00026	2.54E-05	1.05675E-06	0.000291	4.98E-09	3.17E-04	2.24E-05	8.13E-07	0.000554	5.15E-09	0.000577
6072	476681.34	3849452.02	0.01087	0.0097	0.01071	0.00787	2.04E-05	8.5E-07	0.00023	8.8E-09	0.00025	2.50E-05	1.04277E-06	0.000286	4.92E-09	3.13E-04	2.21E-05	8.02E-07	0.000545	5.08E-09	0.000568
6073	476601.26	3849412.99	0.01068	0.00959	0.01052	0.00776	2.01E-05	8.4E-07	0.00023	8.7E-09	0.00025	2.46E-05	1.03095E-06	0.000281	4.85E-09	3.07E-04	2.17E-05	7.93E-07	0.000536	5.01E-09	0.000558
6074	476456.32	3849353.67	0.01031	0.00942	0.01016	0.00751	1.94E-05	8.3E-07	0.00022	8.4E-09	0.00024	2.37E-05	1.01267E-06	0.000272	4.7E-09	2.96E-04	2.09E-05	7.79E-07	0.000517	4.85E-09	0.000539
6075	476305.43	3849318.83	0.01031	0.00938	0.01014	0.00754	1.94E-05	8.2E-07	0.00022	8.4E-09	0.00024	2.37E-05	1.00837E-06	0.000271	4.72E-09	2.96E-04	2.09E-05	7.76E-07	0.000516	4.87E-09	0.000538
6076	476129.36	3849289.99	0.01022	0.00934	0.01004	0.00751	1.92E-05	8.2E-07	0.00022	8.4E-09	0.00024	2.35E-05	1.00407E-06	0.000269	4.7E-09	2.93E-04	2.08E-05	7.72E-07	0.000511	4.85E-09	0.000533
6077	476039.31	3849275.68	0.0102	0.00932	0.01002	0.0075	1.92E-05	8.2E-07	0.00022	8.4E-09	0.00024	2.35E-05	1.00192E-06	0.000268	4.69E-09	2.92E-04	2.07E-05	7.71E-07	0.00051	4.84E-09	0.000532
6078	475949.26	3849261.38	0.01001	0.00926	0.00984	0.00736	1.88E-05	8.1E-07	0.00021	8.2E-09	0.00023	2.31E-05	9.95471E-07	0.000263	4.6E-09	2.87E-04	2.03E-05	7.66E-07	0.000501	4.75E-09	0.000522
6079	475859.21	3849247.08	0.00996	0.00923	0.00978	0.00732	1.87E-05	8.1E-07	0.00021	8.2E-09	0.00023	2.29E-05	9.92246E-07	0.000262	4.58E-09	2.86E-04	2.02E-05	7.63E-07	0.000498	4.73E-09	0.000519
6080	475769.16	3849232.77	0.00988	0.0092	0.00969	0.00725	1.86E-05	8.1E-07	0.00021	8.1E-09	0.00023	2.28E-05	9.89021E-07	0.000259	4.53E-09	2.83E-04	2.01E-05	7.61E-07	0.000494	4.68E-09	0.000514
6081	475585.22	3849219.27	0.00892	0.00864	0.00883	0.00609	1.68E-05	7.6E-07	0.00019	6.8E-09	0.00021	2.05E-05	9.28819E-07	0.000236	3.81E-09	2.58E-04	1.81E-05	7.15E-07	0.00045	3.93E-09	0.000469
6082	475444.49	3849150.35	0.0093	0.00888	0.00914	0.00666	1.75E-05	7.8E-07	0.0002	7.4E-09	0.00022	2.14E-05	9.5462E-07	0.000244	4.17E-09	2.67E-04	1.89E-05	7.34E-07	0.000466	4.3E-09	0.000485
6083	475334.17	3849118.71	0.00932	0.00887	0.00915	0.00676	1.75E-05	7.8E-07	0.0002	7.6E-09	0.00022	2.15E-05	9.53545E-07	0.000245	4.23E-09	2.67E-04	1.89E-05	7.34E-07	0.000466	4.37E-09	0.000486
6084	475230.47	3849060.56	0.0092	0.00875	0.00903	0.00668	1.73E-05	7.7E-07	0.0002	7.5E-09	0.00021	2.12E-05	9.40645E-07	0.000242	4.18E-09	2.64E-04	1.87E-05	7.24E-07	0.00046	4.32E-09	0.000479
6085	475110.86	3848960.97	0.00896	0.00853	0.00881	0.00651	1.68E-05	7.5E-07	0.00019	7.3E-09	0.00021	2.06E-05	9.16994E-07	0.000236	4.07E-09	2.57E-04	1.82E-05	7.05E-07	0.000449	4.21E-09	0.000468
6086	475037.79	3848896.28	0.00877	0.00837	0.00863	0.00634	1.65E-05	7.3E-07	0.00019	7.1E-09	0.0002	2.02E-05	8.99794E-07	0.000231	3.97E-09	2.52E-04	1.78E-05	6.92E-07	0.00044	4.1E-09	0.000458
6087	474964.72	3848831.59	0.00858	0.00821	0.00845	0.00618	1.61E-05	7.2E-07	0.00018	6.9E-09	0.0002	1.98E-05	8.82593E-07	0.000226	3.87E-09	2.47E-04	1.74E-05	6.79E-07	0.00043	3.99E-09	0.000448
6088	474891.65	3848766.9	0.00845	0.00808	0.00833	0.00609	1.59E-05	7.1E-07	0.00018	6.8E-09	0.0002	1.95E-05	8.68618E-07	0.000223	3.81E-09	2.43E-04	1.72E-05	6.68E-07	0.000424	3.93E-09	0.000442
6089	474818.58	3848702.21	0.00835	0.00797	0.00823	0.00603	1.57E-05	7E-07	0.00018	6.7E-09	0.0002	1.92E-05	8.56793E-07	0.00022	3.77E-09	2.40E-04	1.7E-05	6.59E-07	0.000419	3.9E-09	0.000437
6090	474745.51	3848637.53	0.00836	0.00793	0.00824	0.00613	1.57E-05	7E-07	0.00018	6.8E-09	0.0002	1.93E-05	8.52493E-07	0.00022	3.83E-09	2.40E-04	1.7E-05	6.56E-07	0.00042	3.96E-09	0.000437
6091	474672.44	3848572.84	0.00829	0.00784	0.00816	0.00611	1.56E-05	6.9E-07	0.00018	6.8E-09	0.00019	1.91E-05	8.42818E-07	0.000218	3.82E-09	2.38E-04	1.68E-05	6.48E-07	0.000416	3.95E-09	0.000433
6092	474599.37	3848508.15	0.00813	0.00771	0.00802	0.00598	1.53E-05	6.8E-07	0.00017	6.7E-09	0.00019	1.87E-05	8.28842E-07	0.000215	3.74E-09	2.34E-04	1.65E-05	6.38E-07	0.000408	3.86E-09	0.000426
6093	474526.3	3848443.46	0.00802	0.0076	0.00791	0.0059	1.51E-05	6.7E-07	0.00017	6.6E-09	0.00019	1.85E-05	8.17017E-07	0.000212	3.69E-09	2.31E-04	1.63E-05	6.29E-07	0.000403	3.81E-09	0.00042

			PM10				2028 - RD					2033 - RD					2048 - RD				
			24hr				Rates	1.88E-03	8.77E-05	2.17E-02	1.12E-06	Ra	2.30E-03	1.08E-04	2.67E-02	6.25E-07	Ra	2.03E-03	8.27E-05	5.09E-02	6.46E-07	
			Concentration [ug/m^3] at 1 g/s					Concentration [ug/m^3]					Concentration [ug/m^3]					Concentration [ug/m^3]				
	X	Y	IMF (SLINE	IMF-Idle (F	IMF-Truck	IMF-Truck-Idle (PAREA5)		IMF	IMF-Idle	IMF-Truck	IMF-Truck	Total	IMF	IMF-Idle	IMF-Trucks	IMF-Truck-	Total	IMF	IMF-Idle	IMF-Trucks	IMF-Truck-	Total
1	485973.61	3854936.51	1.83005	4.1197	1.83276	0.50367		3.44E-03	0.00036	0.0398	5.6E-07	4.36E-02	4.21E-03	0.000443	0.049018	3.15E-07	5.37E-02	3.72E-03	0.000341	0.093344	3.25E-07	0.0974
2	486023.61	3854936.51	1.74692	3.85802	1.75809	0.4919		3.28E-03	0.00034	0.03818	5.5E-07	0.0418	4.02E-03	0.000415	0.047021	3.08E-07	5.15E-02	0.003547	0.000319	0.089541	3.18E-07	0.093407
3	486073.61	3854936.51	1.69425	3.67216	1.71893	0.48326		3.18E-03	0.00032	0.03733	5.4E-07	0.04083	3.90E-03	0.000395	0.045974	3.02E-07	5.03E-02	0.00344	0.000304	0.087546	3.12E-07	0.09129
4	486123.61	3854936.51	1.59766	3.44171	1.60549	0.46566		3.00E-03	0.0003	0.03486	5.2E-07	0.03817	3.68E-03	0.00037	0.04294	2.91E-07	4.70E-02	0.003244	0.000285	0.081769	3.01E-07	0.085297
5	486173.61	3854936.51	1.5767	3.2912	1.60156	0.4658		2.96E-03	0.00029	0.03478	5.2E-07	0.03803	3.63E-03	0.000354	0.042835	2.91E-07	4.68E-02	0.003201	0.000272	0.081568	3.01E-07	0.085042
6	486223.61	3854936.51	1.51506	3.13212	1.533	0.46835		2.85E-03	0.00027	0.03329	5.2E-07	0.03641	3.49E-03	0.000337	0.041001	2.93E-07	4.48E-02	0.003076	0.000259	0.078077	3.03E-07	0.081412
7	486273.61	3854936.51	1.469	3.02533	1.48605	0.47033		2.76E-03	0.00027	0.03227	5.3E-07	0.0353	3.38E-03	0.000325	0.039745	2.94E-07	4.35E-02	0.002983	0.00025	0.075685	3.04E-07	0.078918
8	486323.61	3854936.51	1.41859	2.93136	1.43828	0.47126		2.67E-03	0.00026	0.03123	5.3E-07	0.03416	3.27E-03	0.000315	0.038468	2.95E-07	4.20E-02	0.00288	0.000242	0.073252	3.04E-07	0.076375
9	485973.61	3854986.51	2.00214	4.36979	2.07115	0.52902		3.76E-03	0.00038	0.04498	5.9E-07	0.04912	4.61E-03	0.00047	0.055394	3.31E-07	6.05E-02	0.004065	0.000361	0.105485	3.42E-07	0.109912
10	486023.61	3854986.51	1.91454	4.11277	1.97577	0.5242		3.60E-03	0.00036	0.04291	5.9E-07	0.04687	4.41E-03	0.000442	0.052843	3.28E-07	5.77E-02	0.003887	0.00034	0.100627	3.39E-07	0.104855
11	486073.61	3854986.51	1.81664	3.86391	1.89459	0.52485		3.41E-03	0.00034	0.04114	5.9E-07	0.0449	4.18E-03	0.000415	0.050672	3.28E-07	5.53E-02	0.003688	0.00032	0.096493	3.39E-07	0.100501
12	486123.61	3854986.51	1.73074	3.68594	1.8208	0.52372		3.25E-03	0.00032	0.03954	5.9E-07	0.04312	3.99E-03	0.000396	0.048699	3.28E-07	5.31E-02	0.003514	0.000305	0.092734	3.38E-07	0.096554
13	486173.61	3854986.51	1.69029	3.54634	1.77961	0.52347		3.18E-03	0.00031	0.03865	5.8E-07	0.04213	3.89E-03	0.000381	0.047597	3.27E-07	5.19E-02	0.003432	0.000293	0.090637	3.38E-07	0.094362
14	486223.61	3854986.51	1.6039	3.32933	1.68897	0.51942		3.01E-03	0.00029	0.03668	5.8E-07	0.03998	3.69E-03	0.000358	0.045173	3.25E-07	4.92E-02	0.003257	0.000275	0.08602	3.36E-07	0.089552
15	486273.61	3854986.51	1.53261	3.10957	1.58954	0.50989		2.88E-03	0.00027	0.03452	5.7E-07	0.03767	3.53E-03	0.000334	0.042513	3.19E-07	4.64E-02	0.003112	0.000257	0.080956	3.29E-07	0.084325
16	486323.61	3854986.51	1.52453	3.07524	1.58592	0.50351		2.86E-03	0.00027	0.03444	5.6E-07	0.03758	3.51E-03	0.000331	0.042417	3.15E-07	4.63E-02	0.003095	0.000254	0.080772	3.25E-07	0.084122
17	485973.61	3855036.51	2.35106	4.50351	2.29748	0.59314		4.42E-03	0.0004	0.04989	6.6E-07	0.05471	5.41E-03	0.000484	0.061448	3.71E-07	6.73E-02	0.004774	0.000372	0.117012	3.83E-07	0.122158
18	486023.61	3855036.51	2.23536	4.25062	2.19822	0.58785		4.20E-03	0.00037	0.04774	6.6E-07	0.05231	5.15E-03	0.000457	0.058793	3.68E-07	6.44E-02	0.004539	0.000352	0.111957	3.8E-07	0.116847
19	486073.61	3855036.51	2.10483	3.95858	2.07055	0.57993		3.96E-03	0.00035	0.04496	6.5E-07	0.04927	4.85E-03	0.000426	0.055378	3.63E-07	6.07E-02	0.004274	0.000327	0.105454	3.75E-07	0.110056
20	486123.61	3855036.51	1.99928	3.74261	1.97947	0.56941		3.76E-03	0.00033	0.04299	6.4E-07	0.04707	4.60E-03	0.000402	0.052942	3.56E-07	5.79E-02	0.004059	0.00031	0.100816	3.68E-07	0.105185
21	486173.61	3855036.51	1.92743	3.62008	1.93426	0.56175		3.62E-03	0.00032	0.042	6.3E-07	0.04594	4.44E-03	0.000389	0.051733	3.51E-07	5.66E-02	0.003913	0.000299	0.098513	3.63E-07	0.102726
22	486223.61	3855036.51	1.81198	3.37903	1.81049	0.55553		3.41E-03	0.0003	0.03932	6.2E-07	0.04302	4.17E-03	0.000363	0.048423	3.47E-07	5.30E-02	0.003679	0.000279	0.092209	3.59E-07	0.096168
23	486273.61	3855036.51	1.7561	3.2965	1.77888	0.54466		3.30E-03	0.00029	0.03863	6.1E-07	0.04222	4.04E-03	0.000354	0.047577	3.41E-07	5.20E-02	0.003566	0.000273	0.090599	3.52E-07	0.094438
24	486323.61	3855036.51	1.66971	3.1685	1.69068	0.53238		3.14E-03	0.00028	0.03671	5.9E-07	0.04013	3.85E-03	0.000341	0.045218	3.33E-07	4.94E-02	0.00339	0.000262	0.086107	3.44E-07	0.08976
25	485973.61	3855086.51	2.53695	4.50964	2.52845	0.64846		4.77E-03	0.0004	0.05491	7.2E-07	0.06007	5.84E-03	0.000485	0.067625	4.06E-07	7.40E-02	0.005151	0.000373	0.128775	4.19E-07	0.1343
26	486023.61	3855086.51	2.43144	4.3157	2.4202	0.63822		4.57E-03	0.00038	0.05256	7.1E-07	0.05751	5.60E-03	0.000464	0.06473	3.99E-07	7.08E-02	0.004937	0.000357	0.123262	4.12E-07	0.128556
27	486073.61	3855086.51	2.27099	4.00126	2.27526	0.62445		4.27E-03	0.00035	0.04941	7E-07	0.05403	5.23E-03	0.00043	0.060853	3.91E-07	6.65E-02	0.004611	0.000331	0.11588	4.03E-07	0.120823
28	486123.61	3855086.51	2.17997	3.84097	2.19876	0.61439		4.10E-03	0.00034	0.04775	6.9E-07	0.05218	5.02E-03	0.000413	0.058807	3.84E-07	6.42E-02	0.004426	0.000318	0.111984	3.97E-07	0.116728
29	486173.61	3855086.51	2.0473	3.5876	2.07266	0.59559		3.85E-03	0.00031	0.04501	6.7E-07	0.04917	4.71E-03	0.000386	0.055435	3.73E-07	6.05E-02	0.004157	0.000297	0.105562	3.85E-07	0.110016
30	486223.61	3855086.51	1.963	3.43982	1.99461	0.58482		3.69E-03	0.0003	0.04331	6.5E-07	0.04731	4.52E-03	0.00037	0.053347	3.66E-07	5.82E-02	0.003986	0.000284	0.101587	3.78E-07	0.105857
31	485973.61	3855136.51	2.81289	5.22328	2.90644	0.69868		5.29E-03	0.00046	0.06312	7.8E-07	0.06886	6.48E-03	0.000562	0.077735	4.37E-07	8.48E-02	0.005711	0.000432	0.148027	4.51E-07	0.15417
32	486023.61	3855136.51	2.64076	4.67874	2.74935	0.68725		4.96E-03	0.00041	0.0597	7.7E-07	0.06508	6.08E-03	0.000503	0.073533	4.3E-07	8.01E-02	0.005362	0.000387	0.140026	4.44E-07	0.145775
33	486073.61	3855136.51	2.47871	4.28745	2.59224	0.67542		4.66E-03	0.00038	0.05629	7.5E-07	0.06133	5.71E-03	0.000461	0.069331	4.22E-07	7.55E-02	0.005033	0.000355	0.132024	4.36E-07	0.137412
34	486123.61	3855136.51	2.34769	4.06634	2.45877	0.66519		4.41E-03	0.00036	0.05339	7.4E-07	0.05816	5.41E-03	0.000437	0.065761	4.16E-07	7.16E-02	0.004767	0.000336	0.125227	4.3E-07	0.13033
35	486173.61	3855136.51	2.21681	3.7885	2.31352	0.65362		4.17E-03	0.00033	0.05024	7.3E-07	0.05474	5.10E-03	0.000407	0.061877	4.09E-07	6.74E-02	0.004501	0.000313	0.117829	4.22E-07	0.122644
36	486223.61	3855136.51	2.1062	3.54101	2.19391	0.64348		3.96E-03	0.00031	0.04764	7.2E-07	0.05191	4.85E-03	0.000381	0.058678	4.02E-07	6.39E-02	0.004276	0.000293	0.111737	4.16E-07	0.116307
37	485973.61	3855186.51	3.05633	5.31871	3.28202	0.79831		5.74E-03	0.00047	0.07127	8.9E-07	0.07748	7.04E-03	0.000572	0.08778	4.99E-07	9.54E-02	0.006206	0.00044	0.167155	5.16E-07	0.173801
38	486023.61	3855186.51	2.88925	4.94727	3.10335	0.77975		5.43E-03	0.00043	0.06739	8.7E-07	0.07326	6.65E-03	0.000532	0.083001	4.88E-07	9.02E-02	0.005866	0.000409	0.158055	5.04E-07	0.164331
39	486073.61	3855186.51	2.68958	4.54294	2.88255	0.75596		5.05E-03	0.0004	0.0626	8.4E-07	0.06805	6.19E-03	0.000488	0.077096	4.73E-07	8.38E-02	0.005461	0.000376	0.14681	4.88E-07	0.152647
40	486123.61	3855186.51	2.51119	4.29259	2.6845	0.73413		4.72E-03	0.00038	0.0583	8.2E-07	0.06339	5.78E-03	0.000461	0.071799	4.59E-07	7.80E-02	0.005099	0.000355	0.136723	4.74E-07	0.142177
41	486173.61	3855186.51	2.40259	4.08799	2.54604	0.71567		4.51E-03	0.00036	0.05529	8E-07	0.06016	5.53E-03	0.000439	0.068096	4.48E-07	7.41E-02	0.004878	0.000338	0.129671	4.62E-07	0.134888
42	486223.61	3855186.51	2.29778	3.91807	2.42017	0.69421		4.32E-03	0.00034	0.05256	7.8E-07	0.05722	5.29E-03	0.000421	0.064729	4.34E-07	7.04E-02	0.004665	0.000324	0.123261	4.48E-07	0.12825
43	486273.61	3855186.51	2.19042	3.67436	2.29075	0.67994		4.12E-03	0.00032	0.04975	7.6E-07	0.05419	5.04E-03	0.000395	0.061268	4.25E-07	6.67E-02	0.004447	0.000304	0.116669	4.39E-07	0.121421
44	486323.61	3855186.51	2.15731	3.60857	2.31912	0.67817		4.05E-03	0.00032	0.05036	7.6E-07	0.05473	4.97E-03	0.000388	0.062026	4.24E-07	6.74E-02	0.00438	0.000298	0.118114	4.38E-07	0.122793
45	485973.61	3855236.51	3.33664	5.7174	3.60164	0.89318		6.27E-03	0.0005	0.07821	1E-06	0.08499	7.68E-03	0.000615	0.096328	5.59E-07	1.05E-01	0.006775	0.000473	0.183434	5.77E-07	0.190682
46	486023.61	3855236.51	3.09769	5.37371	3.33713	0.86294		5.82E-03	0.00047	0.07247	9.6E-07	0.07876	7.13E-03	0.000578	0.089254	5.4E-07	9.70E-02	0.006289	0.000444	0.169962	5.57E-07	0.176696
47	486073.61	3855236.51	2.86145	5.05038	3.08541	0.83473		5.38E-03	0.00044	0.067	9.3E-07	0.07282	6.59E-03	0.000543	0.082521	5.22E-07	8.97E-02	0.00581	0.000418	0.157142	5.39E-07	0.16337
48	486123.61	3855236.51	2.69679	4.72866	2.91073	0.81182		5.07E-03	0.00041	0.06321	9.1E-07	0.06869	6.21E-03	0.000508	0.077849	5.08E-07	8.46E-02	0.005476	0.000391	0.148245	5.24E-07	0.154112
49	486173.61	3855236.51	2.5805	4.31437	2.76436	0.78544		4.85E-03	0.00038	0.06003	8.8E-07	0.06526	5.94E-03	0.000464	0.073935	4.91E-07	8.03E-02	0.005239	0.000357	0.14079	5.07E-07	0.146387
50	486223.61	3855236.51	2.44841	3.95595	2.61643	0.75714		4.60E-03	0.00035	0.05682	8.5E-07	0.06177	5.64E-03	0.000425	0.069978	4.74E-07	7.60E-02	0.004971	0.000327	0.133256	4.89E-07	0.138555
51	486273.61	3855236.51	2.31123	3.66251	2.40565	0.73065		4.34E-03	0.00032	0.05224	8.2E-07	0.05691	5.32E-03	0.000394	0.064341	4.57E-07	7.01E-02	0.004693	0.000303	0.122521	4.72E-07	0.127517
52	486323.61	3855236.51	2.31829	3.72881	2.51438	0.73683		4.36E-03	0.00033	0.0546	8.2E-07	0.05929	5.34E-03	0.000401	0.067249	4.61E-07	7.30E-02	0.004707	0.000308	0.128059	4.76E-07	0.133075
53	485973.61	3855286.51	3.52147	5.84895	3.9641	0.99378		6.62E-03	0.00051	0.08608	1.1E-06	0.09322	8.11E-03	0.000629	0.106023	6.22E-07	1.15E-01	0.00715	0.000484	0.201894	6.42E-07	0.209528
54	486023.61	3855286.51	3.3132	5.44877	3.65762	0.94862		6.23E-03	0.00048	0.07943	1.1E-06	0.08613	7.63E-03	0.000586	0.097826	5.93E-07	1.06E-01	0.006727	0.000451	0.186285	6.13E-07	0.193463
55	486073.61	3855286.51	3.08861	5.10039	3.45626	0.91073		5.80E-03	0.00045	0.07506	1E-06	0.08131	7.11E-03	0.000548	0.09244	5.7E-07	1.00E-01	0.006271	0.000422	0.176029	5.88E-07	0.182723
56	486123.61	3855286.51	2.86279	4.81866	3.26274	0.87776		5.38E-03	0.00042	0.07085	9.8E-07	0.07666	6.59E-03	0.000518	0.087264	5.49E-07	9.44E-02	0.005813	0.000398	0.166173	5.67E-07	0.172385
57	486173.61	3855286.51	2.6795	4.43421	3.08869	0.84835		5.04E-03	0.00039	0.06707	9.5E-07	0.0725	6.17E-03	0.000477	0.082609	5.31E-07	8.93E-02	0.00544	0.000367	0.157309	5.48E-07	0.163116

58	486223.61	3855286.51	2.56329	4.19297	2.94815	0.82558		4.82E-03	0.00037	0.06402	9.2E-07	0.06921		5.90E-03	0.000451	0.07885	5.16E-07	8.52E-02		0.005204	0.000347	0.150151	5.33E-07	0.155703	
59	486123.61	3855336.51	3.03388	4.75903	3.595	0.95782		5.70E-03	0.00042	0.07807	1.1E-06	0.08419		6.99E-03	0.000512	0.096151	5.99E-07	1.04E-01		0.00616	0.000394	0.183095	6.19E-07	0.18965	
60	486173.61	3855336.51	2.86764	4.51559	3.42983	0.92723		5.39E-03	0.0004	0.07448	1E-06	0.08027		6.60E-03	0.000485	0.091733	5.8E-07	9.88E-02		0.005822	0.000373	0.174683	5.99E-07	0.18088	
61	486223.61	3855336.51	2.69934	4.27558	3.25097	0.89756		5.07E-03	0.00038	0.0706	1E-06	0.07605		6.22E-03	0.00046	0.086949	5.61E-07	9.36E-02		0.005481	0.000354	0.165574	5.8E-07	0.171409	
62	486123.61	3855386.51	3.15742	4.52249	3.88029	1.06173		5.93E-03	0.0004	0.08426	1.2E-06	0.0906		7.27E-03	0.000486	0.103781	6.64E-07	1.12E-01		0.006411	0.000374	0.197625	6.86E-07	0.204411	
63	486173.61	3855386.51	3.00149	4.19575	3.70307	1.01744		5.64E-03	0.00037	0.08042	1.1E-06	0.08643		6.91E-03	0.000451	0.099041	6.36E-07	1.06E-01		0.006094	0.000347	0.188599	6.57E-07	0.195041	
64	486223.61	3855386.51	2.8656	4.09734	3.54522	0.98922		5.39E-03	0.00036	0.07699	1.1E-06	0.08273		6.60E-03	0.00044	0.094819	6.19E-07	1.02E-01		0.005818	0.000339	0.18056	6.39E-07	0.186718	
65	486533.18	3855443.15	2.36886	3.36826	2.84167	0.90341		4.45E-03	0.0003	0.06171	1E-06	0.06646		5.46E-03	0.000362	0.076002	5.65E-07	8.18E-02		0.00481	0.000279	0.144728	5.84E-07	0.149817	
66	486583.18	3855443.15	2.2741	3.27977	2.72471	0.88038		4.27E-03	0.00029	0.05917	9.8E-07	0.06373		5.24E-03	0.000353	0.072874	5.51E-07	7.85E-02		0.004617	0.000271	0.138771	5.69E-07	0.14366	
67	486633.18	3855443.15	2.19167	3.19593	2.61325	0.85862		4.12E-03	0.00028	0.05675	9.6E-07	0.06115		5.05E-03	0.000344	0.069893	5.37E-07	7.53E-02		0.00445	0.000264	0.133094	5.55E-07	0.137809	
68	486683.18	3855443.15	2.13865	3.11439	2.52929	0.82543		4.02E-03	0.00027	0.05493	9.2E-07	0.05922		4.92E-03	0.000335	0.067648	5.16E-07	7.29E-02		0.004342	0.000258	0.128818	5.33E-07	0.133419	
69	486533.18	3855493.15	2.44501	3.21033	3.0513	0.94141		4.59E-03	0.00028	0.06626	1.1E-06	0.07114		5.63E-03	0.000345	0.081609	5.89E-07	8.76E-02		0.004964	0.000265	0.155404	6.08E-07	0.160635	
70	486583.18	3855493.15	2.36423	3.09147	2.9421	0.92072		4.44E-03	0.00027	0.06389	1E-06	0.06861		5.44E-03	0.000332	0.078688	5.76E-07	8.45E-02		0.0048	0.000256	0.149843	5.95E-07	0.154899	
71	486633.18	3855493.15	2.28653	2.9788	2.83131	0.90039		4.30E-03	0.00026	0.06148	1E-06	0.06604		5.27E-03	0.00032	0.075725	5.63E-07	8.13E-02		0.004643	0.000246	0.1442	5.82E-07	0.14909	
72	486683.18	3855493.15	2.20553	2.91168	2.72686	0.8797		4.14E-03	0.00026	0.05922	9.8E-07	0.06362		5.08E-03	0.000313	0.072932	5.5E-07	7.83E-02		0.004478	0.000241	0.138881	5.68E-07	0.1436	
73	486533.18	3855543.15	2.60418	3.01093	3.24032	0.99758		4.89E-03	0.00026	0.07037	1.1E-06	0.07553		6.00E-03	0.000324	0.086665	6.24E-07	9.30E-02		0.005287	0.000249	0.165031	6.44E-07	0.170568	
74	486583.18	3855543.15	2.47376	2.96427	3.09725	0.9604		4.65E-03	0.00026	0.06726	1.1E-06	0.07217		5.70E-03	0.000319	0.082838	6.01E-07	8.89E-02		0.005023	0.000245	0.157745	6.2E-07	0.163013	
75	486633.18	3855543.15	2.3808	2.92575	2.9952	0.93761		4.47E-03	0.00026	0.06504	1E-06	0.06978		5.48E-03	0.000315	0.080109	5.86E-07	8.59E-02		0.004834	0.000242	0.152547	6.06E-07	0.157624	
76	486683.18	3855543.15	2.26364	2.8498	2.86074	0.90967		4.25E-03	0.00025	0.06212	1E-06	0.06663		5.21E-03	0.000306	0.076512	5.69E-07	8.20E-02		0.004596	0.000236	0.145699	5.88E-07	0.150531	
77	486533.18	3855593.15	2.69949	3.04421	3.4777	1.06397		5.07E-03	0.00027	0.07552	1.2E-06	0.08086		6.22E-03	0.000327	0.093013	6.65E-07	9.96E-02		0.005481	0.000252	0.177121	6.87E-07	0.182855	
78	486583.18	3855593.15	2.57685	2.91759	3.28199	1.03062		4.84E-03	0.00026	0.07127	1.2E-06	0.07637		5.93E-03	0.000314	0.087779	6.45E-07	9.40E-02		0.005232	0.000241	0.167154	6.66E-07	0.172628	
79	486633.18	3855593.15	2.47172	2.78484	3.12927	1.00042		4.64E-03	0.00024	0.06796	1.1E-06	0.07285		5.69E-03	0.000299	0.083694	6.26E-07	8.97E-02		0.005019	0.00023	0.159376	6.46E-07	0.164625	
80	486683.18	3855593.15	2.38999	2.66954	3.03556	0.96891		4.49E-03	0.00023	0.06592	1.1E-06	0.07065		5.50E-03	0.000287	0.081188	6.06E-07	8.70E-02		0.004853	0.000221	0.154603	6.26E-07	0.159677	
81	486533.18	3855643.15	2.93933	2.85848	3.6385	1.15649		5.52E-03	0.00025	0.07901	1.3E-06	0.08479		6.77E-03	0.000307	0.097314	7.23E-07	1.04E-01		0.005968	0.000236	0.185311	7.47E-07	0.191516	
82	486583.18	3855643.15	2.80692	2.82393	3.46583	1.11135		5.27E-03	0.00025	0.07526	1.2E-06	0.08079		6.46E-03	0.000304	0.092696	6.95E-07	9.95E-02		0.005699	0.000234	0.176517	7.18E-07	0.18245	
83	486633.18	3855643.15	2.64529	2.83437	3.33928	1.06833		4.97E-03	0.00025	0.07252	1.2E-06	0.07774		6.09E-03	0.000305	0.089311	6.68E-07	9.57E-02		0.005371	0.000234	0.170071	6.9E-07	0.175677	
84	486683.18	3855643.15	2.49636	2.80746	3.19098	1.02949		4.69E-03	0.00025	0.0693	1.2E-06	0.07423		5.75E-03	0.000302	0.085345	6.44E-07	9.14E-02		0.005069	0.000232	0.162518	6.65E-07	0.16782	
85	486533.18	3855693.15	3.1052	2.86342	3.8931	1.2579		5.84E-03	0.00025	0.08454	1.4E-06	0.09063		7.15E-03	0.000308	0.104124	7.87E-07	1.12E-01		0.006305	0.000237	0.198278	8.13E-07	0.20482	
86	486583.18	3855693.15	2.93246	2.85164	3.62752	1.20315		5.51E-03	0.00025	0.07878	1.3E-06	0.08454		6.75E-03	0.000307	0.09702	7.52E-07	1.04E-01		0.005954	0.000236	0.184752	7.77E-07	0.190942	
87	486633.18	3855693.15	2.75924	2.80698	3.42725	1.14951		5.19E-03	0.00025	0.07443	1.3E-06	0.07986		6.35E-03	0.000302	0.091664	7.19E-07	9.83E-02		0.005602	0.000232	0.174552	7.43E-07	0.180387	
88	486683.18	3855693.15	2.71654	2.88521	3.38432	1.12314		5.10E-03	0.00025	0.07349	1.3E-06	0.07885		6.26E-03	0.00031	0.090516	7.02E-07	9.71E-02		0.005516	0.000239	0.172365	7.26E-07	0.17812	
89	486733.18	3855693.15	2.65234	2.76536	3.35951	1.10656		4.98E-03	0.00024	0.07296	1.2E-06	0.07818		6.11E-03	0.000297	0.089852	6.92E-07	9.63E-02		0.005385	0.000229	0.171102	7.15E-07	0.176716	
90	486783.18	3855693.15	2.55966	2.83138	3.32141	1.09137		4.81E-03	0.00025	0.07213	1.2E-06	0.07719		5.89E-03	0.000304	0.088833	6.83E-07	9.50E-02		0.005197	0.000234	0.169161	7.05E-07	0.174593	
91	486533.18	3855743.15	3.26115	2.97163	4.11327	1.33068		6.13E-03	0.00026	0.08932	1.5E-06	0.09571		7.51E-03	0.000319	0.110012	8.32E-07	1.18E-01		0.006621	0.000246	0.209491	8.6E-07	0.216359	
92	486583.18	3855743.15	3.06309	2.84881	3.78057	1.26416		5.76E-03	0.00025	0.0821	1.4E-06	0.08811		7.05E-03	0.000306	0.101114	7.91E-07	1.08E-01		0.006219	0.000236	0.192547	8.17E-07	0.199002	
93	486633.18	3855743.15	2.90163	2.6895	3.61263	1.21749		5.45E-03	0.00024	0.07845	1.4E-06	0.08414		6.68E-03	0.000289	0.096622	7.61E-07	1.04E-01		0.005891	0.000222	0.183993	7.86E-07	0.190108	
94	486683.18	3855743.15	2.83108	2.67686	3.56751	1.19827		5.32E-03	0.00023	0.07747	1.3E-06	0.08303		6.52E-03	0.000288	0.095415	7.49E-07	1.02E-01		0.005748	0.000221	0.181695	7.74E-07	0.187666	
95	486733.18	3855743.15	2.7878	2.88811	3.50303	1.17128		5.24E-03	0.00025	0.07607	1.3E-06	0.08157		6.42E-03	0.00031	0.093691	7.33E-07	1.00E-01		0.00566	0.000239	0.178411	7.57E-07	0.184311	
96	486783.18	3855743.15	2.79515	3.02997	3.55985	1.17098		5.25E-03	0.00027	0.07731	1.3E-06	0.08283		6.44E-03	0.000326	0.095211	7.32E-07	1.02E-01		0.005675	0.000251	0.181305	7.56E-07	0.187232	
97	486533.18	3855793.15	3.40603	2.63983	4.35129	1.41786		6.40E-03	0.00023	0.09449	1.6E-06	0.10113		7.84E-03	0.000284	0.116378	8.87E-07	1.25E-01		0.006916	0.000218	0.221614	9.16E-07	0.228748	
98	486583.18	3855793.15	3.13976	2.67437	3.90446	1.32752		5.90E-03	0.00023	0.08479	1.5E-06	0.09093		7.23E-03	0.000288	0.104427	8.3E-07	1.12E-01		0.006375	0.000221	0.198856	8.58E-07	0.205453	
99	486633.18	3855793.15	3.08639	2.58025	3.86534	1.29416		5.80E-03	0.00023	0.08394	1.4E-06	0.08997		7.11E-03	0.000277	0.103381	8.09E-07	1.11E-01		0.006267	0.000213	0.196864	8.36E-07	0.203345	
100	486683.18	3855793.15	3.01673	2.73097	3.83407	1.2738		5.67E-03	0.00024	0.08326	1.4E-06	0.08917		6.95E-03	0.000294	0.102545	7.97E-07	1.10E-01		0.006125	0.000226	0.195271	8.23E-07	0.201623	
101	486733.18	3855793.15	2.95778	2.66306	3.73629	1.25001		5.56E-03	0.00023	0.08114	1.4E-06	0.08693		6.81E-03	0.000286	0.09993	7.82E-07	1.07E-01		0.006005	0.00022	0.190291	8.07E-07	0.196518	
102	486783.18	3855793.15	2.91928	2.80169	3.71429	1.23158		5.49E-03	0.00025	0.08066	1.4E-06	0.08639		6.72E-03	0.000301	0.099341	7.7E-07	1.06E-01		0.005927	0.000232	0.189171	7.96E-07	0.195331	
103	486533.18	3855843.15	3.48634	2.70307	4.65163	1.5164		6.55E-03	0.00024	0.10101	1.7E-06	0.10781		8.03E-03	0.000291	0.124411	9.48E-07	1.33E-01		0.007079	0.000224	0.23691	9.8E-07	0.244213	
104	486583.18	3855843.15	3.26544	2.6585	4.31132	1.40868		6.14E-03	0.00023	0.09362	1.6E-06	0.1		7.52E-03	0.000286	0.115309	8.81E-07	1.23E-01		0.00663	0.00022	0.219578	9.1E-07	0.226429	
105	486633.18	3855843.15	3.21792	2.75696	4.1137	1.36913		6.05E-03	0.00024	0.08933	1.5E-06	0.09562		7.41E-03	0.000296	0.110024	8.56E-07	1.18E-01		0.006534	0.000228	0.209513	8.84E-07	0.216276	
106	486683.18	3855843.15	3.17272	2.45604	4.03336	1.35043		5.96E-03	0.00022	0.08759	1.5E-06	0.09377		7.31E-03	0.000264	0.107875	8.45E-07	1.15E-01		0.006442	0.000203	0.205421	8.72E-07	0.212067	
107	486733.18	3855843.15	3.11672	2.5316	3.9746	1.32888		5.86E-03	0.00022	0.08631	1.5E-06	0.09239		7.18E-03	0.000272	0.106303	8.31E-07	1.14E-01		0.006328	0.000209	0.202429	8.58E-07	0.208967	
108	486783.18	3855843.15	3.07094	2.632	3.90566	1.30822		5.77E-03	0.00023	0.08482	1.5E-06	0.09082		7.07E-03	0.000283	0.10446	8.18E-07	1.12E-01		0.006235	0.000218	0.198917	8.45E-07	0.205371	
109	486533.18	3855893.15	3.50076	2.95444	4.72907	1.56035		6.58E-03	0.00026	0.1027	1.7E-06	0.10954		8.06E-03	0.000318	0.126482	9.76E-07	1.35E-01		0.007108	0.000244	0.240854	1.01E-06	0.248207	
110	486583.18	3855893.15	3.42026	2.63308	4.61006	1.51619		6.43E-03	0.00023	0.10011	1.7E-06	0.10677		7.88E-03	0.000283	0.123299	9.48E-07	1.31E-01		0.006944	0.000218	0.234793	9.79E-07	0.241956	
111	486633.18	3855893.15	3.35474	2.63327	4.48481	1.4732		6.30E-03	0.00023	0.09739	1.6E-06	0.10393		7.73E-03	0.000283	0.119949	9.21E-07	1.28E-01		0.006811	0.000218	0.228414	9.52E-07	0.235444	
112	486683.18	3855893.15	3.31173	2.67556	4.38588	1.43709		6.22E-03	0.00023	0.09524	1.6E-06	0.1017		7.63E-03	0.000288	0.117303	8.99E-07	1.25E-01		0.006724	0.000221	0.223375	9.28E-07	0.230322	
113	486733.18	3855893.15	3.26623	2.54841	4.18915	1.40291		6.14E-03	0.00022	0.09097	1.6E-06	0.09733		7.52E-03	0.000274	0.112042	8.77E-07	1.20E-01		0.006632	0.000211	0.213356	9.06E-07	0.220199	
114	486783.18	3855893.15	3.24089	2.56841	4.12674	1.38295		6.09E-03	0.00023	0.08962	1.5E-06	0.09593		7.46E-03	0.000276	0.110372	8.65E-07	1.18E-01		0.00658	0.000212	0.210177	8.93E-07	0.216971	
115	486533.18	3855943.15	3.71255	2.87955	4.93195	1.6392		6.98E-03	0.00025	0.1071	1.8E-06	0.11433		8.55E-03	0.00031	0.131908	1.03E-06	1.41E-01		0.007538	0.000238	0.251187	1.06E-06	0.258964	
116	486583.18	3855943.15	3.63828	2.84512	4.92548	1.612		6.84E-03	0.00025	0.10696	1.8E-06	0.11405		8.38E-03	0.000306	0.131735	1.01E-06	1.40E-01		0.007387	0.000235	0.250858	1.04E-06	0.258481	
117	486633.18	3855943.15	3.51131	2.63812	4.77942	1.55704		6.60E-03	0.00023	0.10379	1.7E-06	0.11062		8.09E-03	0.000284	0.127829	9.74E-07	1.36E-01		0.007129	0.000218	0.243419	1.01E-06	0.250767	
118	486683.18	3855943.15	3.48975	2.71018	4.72391	1.5245		6.56E-03	0.00024	0.10258	1.7E-06	0.10938		8.04E-03	0.000291	0.126344	9.53E-07	1.35E-01		0.007086	0.000224	0.240591	9.85E-07	0.247902	

119	486733.18	3855943.15	3.42871	2.74915	4.61717	1.48504	6.44E-03	0.00024	0.10027	1.7E-06	0.10695	7.90E-03	0.000296	0.123489	9.29E-07	1.32E-01	0.006962	0.000227	0.235155	9.59E-07	0.242345
120	486783.18	3855943.15	3.40952	2.59078	4.46601	1.45787	6.41E-03	0.00023	0.09698	1.6E-06	0.10362	7.85E-03	0.000279	0.119446	9.12E-07	1.28E-01	0.006923	0.000214	0.227456	9.42E-07	0.234594
121	486533.18	3855993.15	3.95771	2.92149	5.27475	1.77789	7.44E-03	0.00026	0.11455	2E-06	0.12224	9.11E-03	0.000314	0.141077	1.11E-06	1.51E-01	0.008036	0.000242	0.268646	1.15E-06	0.276924
122	486583.18	3855993.15	3.83233	2.73056	5.19772	1.71454	7.20E-03	0.00024	0.11287	1.9E-06	0.12032	8.83E-03	0.000294	0.139017	1.07E-06	1.48E-01	0.007781	0.000226	0.264723	1.11E-06	0.272731
123	486633.18	3855993.15	3.71707	2.70905	5.10496	1.64689	6.99E-03	0.00024	0.11086	1.8E-06	0.11808	8.56E-03	0.000291	0.136536	1.03E-06	1.45E-01	0.007547	0.000224	0.259999	1.06E-06	0.267771
124	486683.18	3855993.15	3.65664	2.77552	5.05335	1.60233	6.87E-03	0.00024	0.10974	1.8E-06	0.11686	8.42E-03	0.000298	0.135155	1E-06	1.44E-01	0.007424	0.00023	0.25737	1.04E-06	0.265025
125	486733.18	3855993.15	3.61039	2.78076	4.95792	1.56433	6.78E-03	0.00024	0.10767	1.7E-06	0.1147	8.31E-03	0.000299	0.132603	9.78E-07	1.41E-01	0.00733	0.00023	0.25251	1.01E-06	0.260071
126	486783.18	3855993.15	3.56877	2.73415	4.88156	1.53258	6.71E-03	0.00024	0.10601	1.7E-06	0.11296	8.22E-03	0.000294	0.130561	9.59E-07	1.39E-01	0.007246	0.000226	0.248621	9.9E-07	0.256094
127	486533.18	3856043.15	4.18835	3.14234	5.60207	1.85911	7.87E-03	0.00028	0.12165	2.1E-06	0.1298	9.64E-03	0.000338	0.149831	1.16E-06	1.60E-01	0.008504	0.00026	0.285317	1.2E-06	0.294082
128	486583.18	3856043.15	4.09623	2.93518	5.56448	1.82255	7.70E-03	0.00026	0.12084	2E-06	0.1288	9.43E-03	0.000316	0.148826	1.14E-06	1.59E-01	0.008317	0.000243	0.283402	1.18E-06	0.291963
129	486633.18	3856043.15	3.96092	2.79473	5.44427	1.75289	7.44E-03	0.00025	0.11823	2E-06	0.12592	9.12E-03	0.0003	0.145611	1.1E-06	1.55E-01	0.008042	0.000231	0.27728	1.13E-06	0.285554
130	486683.18	3856043.15	3.86743	2.95761	5.40251	1.70235	7.27E-03	0.00026	0.11732	1.9E-06	0.12485	8.91E-03	0.000318	0.144494	1.06E-06	1.54E-01	0.007852	0.000245	0.275153	1.1E-06	0.283251
131	486733.18	3856043.15	3.79073	2.84905	5.28189	1.67033	7.12E-03	0.00025	0.1147	1.9E-06	0.12208	8.73E-03	0.000306	0.141268	1.04E-06	1.50E-01	0.007697	0.000236	0.26901	1.08E-06	0.276943
132	486783.18	3856043.15	3.76448	2.65679	5.23	1.66077	7.07E-03	0.00023	0.11357	1.9E-06	0.12088	8.67E-03	0.000286	0.13988	1.04E-06	1.49E-01	0.007643	0.00022	0.266367	1.07E-06	0.274231
133	486533.18	3856093.15	4.59557	3.29497	6.11437	2.02566	8.64E-03	0.00029	0.13278	2.3E-06	0.14171	1.06E-02	0.000354	0.163533	1.27E-06	1.74E-01	0.009331	0.000272	0.311408	1.31E-06	0.321013
134	486583.18	3856093.15	4.44319	3.01226	5.93002	1.93231	8.35E-03	0.00026	0.12878	2.2E-06	0.13739	1.02E-02	0.000324	0.158602	1.21E-06	1.69E-01	0.009021	0.000249	0.302019	1.25E-06	0.311291
135	486633.18	3856093.15	4.28668	2.87944	5.81531	1.85305	8.06E-03	0.00025	0.12629	2.1E-06	0.1346	9.87E-03	0.00031	0.155534	1.16E-06	1.66E-01	0.008704	0.000238	0.296177	1.2E-06	0.30512
136	486683.18	3856093.15	4.17364	2.98084	5.74237	1.78591	7.84E-03	0.00026	0.1247	2E-06	0.13281	9.61E-03	0.00032	0.153584	1.12E-06	1.64E-01	0.008474	0.000247	0.292462	1.15E-06	0.301184
137	486733.18	3856093.15	4.03332	2.81101	5.62618	1.74227	7.58E-03	0.00025	0.12218	1.9E-06	0.13001	9.29E-03	0.000302	0.150476	1.09E-06	1.60E-01	0.008189	0.000232	0.286545	1.13E-06	0.294967
138	486783.18	3856093.15	3.97971	2.90553	5.5436	1.72541	7.48E-03	0.00025	0.12038	1.9E-06	0.12812	9.16E-03	0.000312	0.148267	1.08E-06	1.58E-01	0.00808	0.00024	0.282339	1.11E-06	0.29066
139	486533.18	3856143.15	5.08688	3.73863	6.86544	2.13664	9.56E-03	0.00033	0.14909	2.4E-06	0.15898	1.17E-02	0.000402	0.183621	1.34E-06	1.96E-01	0.010328	0.000309	0.349661	1.38E-06	0.3603
140	486583.18	3856143.15	4.84529	3.33289	6.50648	2.05205	9.11E-03	0.00029	0.14129	2.3E-06	0.15069	1.12E-02	0.000358	0.17402	1.28E-06	1.86E-01	0.009838	0.000276	0.331379	1.33E-06	0.341493
141	486633.18	3856143.15	4.69925	2.99471	6.27908	1.98753	8.83E-03	0.00026	0.13636	2.2E-06	0.14545	1.08E-02	0.000322	0.167938	1.24E-06	1.79E-01	0.009541	0.000248	0.319797	1.28E-06	0.329587
142	486683.18	3856143.15	4.545	3.07963	6.10976	1.9081	8.54E-03	0.00027	0.13268	2.1E-06	0.14149	1.05E-02	0.000331	0.16341	1.19E-06	1.74E-01	0.009228	0.000255	0.311174	1.23E-06	0.320658
143	486733.18	3856143.15	4.38997	2.92603	5.99188	1.85288	8.25E-03	0.00026	0.13012	2.1E-06	0.13863	1.01E-02	0.000315	0.160257	1.16E-06	1.71E-01	0.008913	0.000242	0.30517	1.2E-06	0.314326
144	486783.18	3856143.15	4.31034	2.84785	5.9404	1.81119	8.10E-03	0.00025	0.129	2E-06	0.13735	9.93E-03	0.000306	0.15888	1.13E-06	1.69E-01	0.008752	0.000236	0.302548	1.17E-06	0.311536
145	486533.18	3856193.15	5.61472	3.72644	7.78895	2.27044	1.06E-02	0.00033	0.16914	2.5E-06	0.18003	1.29E-02	0.000401	0.208321	1.42E-06	2.22E-01	0.0114	0.000308	0.396696	1.47E-06	0.408405
146	486583.18	3856193.15	5.36414	3.71041	7.33173	2.19185	1.01E-02	0.00033	0.15922	2.4E-06	0.16962	1.24E-02	0.000399	0.196092	1.37E-06	2.09E-01	0.010891	0.000307	0.373409	1.42E-06	0.384609
147	486633.18	3856193.15	5.16983	3.32458	7.04406	2.09812	9.72E-03	0.00029	0.15297	2.3E-06	0.16298	1.19E-02	0.000357	0.188398	1.31E-06	2.01E-01	0.010497	0.000275	0.358758	1.36E-06	0.369531
148	486683.18	3856193.15	5.0267	3.04288	6.77995	2.02855	9.45E-03	0.00027	0.14723	2.3E-06	0.15695	1.16E-02	0.000327	0.181334	1.27E-06	1.93E-01	0.010206	0.000252	0.345307	1.31E-06	0.355766
149	486733.18	3856193.15	4.82514	3.16414	6.44161	1.94226	9.07E-03	0.00028	0.13989	2.2E-06	0.14923	1.11E-02	0.00034	0.172285	1.21E-06	1.84E-01	0.009797	0.000262	0.328075	1.25E-06	0.338135
150	486783.18	3856193.15	4.69261	2.96636	6.34454	1.91535	8.82E-03	0.00026	0.13778	2.1E-06	0.14686	1.08E-02	0.000319	0.169689	1.2E-06	1.81E-01	0.009528	0.000245	0.323131	1.24E-06	0.332905
151	486533.18	3856243.15	6.13899	3.74132	8.60739	2.42359	1.15E-02	0.00033	0.18692	2.7E-06	0.19879	1.41E-02	0.000402	0.23021	1.52E-06	2.45E-01	0.012464	0.000309	0.438379	1.57E-06	0.451155
152	486583.18	3856243.15	5.91324	3.93696	8.25993	2.33107	1.11E-02	0.00035	0.17937	2.6E-06	0.19083	1.36E-02	0.000423	0.220917	1.46E-06	2.35E-01	0.012006	0.000326	0.420683	1.51E-06	0.433016
153	486633.18	3856243.15	5.69787	3.59055	7.86336	2.2825	1.07E-02	0.00031	0.17076	2.6E-06	0.18179	1.31E-02	0.000386	0.210311	1.43E-06	2.24E-01	0.011569	0.000297	0.400485	1.47E-06	0.412353
154	486683.18	3856243.15	5.4646	3.44982	7.5067	2.18993	1.03E-02	0.0003	0.16302	2.4E-06	0.17359	1.26E-02	0.000371	0.200772	1.37E-06	2.14E-01	0.011095	0.000285	0.382321	1.41E-06	0.393702
155	486733.18	3856243.15	5.28169	3.37712	7.16362	2.10395	9.93E-03	0.0003	0.15557	2.4E-06	0.16579	1.22E-02	0.000363	0.191596	1.32E-06	2.04E-01	0.010724	0.000279	0.364847	1.36E-06	0.375852
156	486783.18	3856243.15	5.07237	3.04321	6.82241	2.03258	9.53E-03	0.00027	0.14816	2.3E-06	0.15796	1.17E-02	0.000327	0.18247	1.27E-06	1.94E-01	0.010299	0.000252	0.347469	1.31E-06	0.358021
157	486533.18	3856293.15	6.90036	4.12764	9.50136	2.67512	1.30E-02	0.00036	0.20633	3E-06	0.21966	1.59E-02	0.000444	0.25412	1.67E-06	2.70E-01	0.01401	0.000341	0.48391	1.73E-06	0.498263
158	486583.18	3856293.15	6.47386	4.17033	9.04713	2.51177	1.22E-02	0.00037	0.19647	2.8E-06	0.209	1.49E-02	0.000448	0.241972	1.57E-06	2.57E-01	0.013144	0.000345	0.460776	1.62E-06	0.474266
159	486633.18	3856293.15	6.21564	3.84144	8.64011	2.41552	1.17E-02	0.00034	0.18763	2.7E-06	0.19965	1.43E-02	0.000413	0.231086	1.51E-06	2.46E-01	0.01262	0.000318	0.440046	1.56E-06	0.452985
160	486683.18	3856293.15	5.95341	3.90047	8.23713	2.36712	1.12E-02	0.00034	0.17888	2.6E-06	0.19041	1.37E-02	0.000419	0.220308	1.48E-06	2.34E-01	0.012088	0.000323	0.419522	1.53E-06	0.431934
161	486733.18	3856293.15	5.72764	3.42274	7.88018	2.28979	1.08E-02	0.0003	0.17113	2.6E-06	0.18219	1.32E-02	0.000368	0.210761	1.43E-06	2.24E-01	0.011629	0.000283	0.401342	1.48E-06	0.413256
162	486783.18	3856293.15	5.48118	3.4507	7.46941	2.20253	1.03E-02	0.0003	0.16221	2.5E-06	0.17281	1.26E-02	0.000371	0.199774	1.38E-06	2.13E-01	0.011129	0.000285	0.380421	1.42E-06	0.391837
163	486783.18	3856343.15	5.95683	3.56584	8.16554	2.39115	1.12E-02	0.00031	0.17732	2.7E-06	0.18883	1.37E-02	0.000383	0.218393	1.5E-06	2.32E-01	0.012095	0.000295	0.415876	1.54E-06	0.428267
164	486833.18	3856343.15	5.67709	3.43315	7.70725	2.33041	1.07E-02	0.0003	0.16737	2.6E-06	0.17834	1.31E-02	0.000369	0.206136	1.46E-06	2.20E-01	0.011527	0.000284	0.392535	1.51E-06	0.404347
165	486883.18	3856343.15	5.42799	4.03291	7.26556	2.28459	1.02E-02	0.00035	0.15778	2.6E-06	0.16834	1.25E-02	0.000434	0.194322	1.43E-06	2.07E-01	0.011021	0.000334	0.370039	1.48E-06	0.381395
166	486783.18	3856393.15	6.3823	3.76698	8.78549	2.57867	1.20E-02	0.00033	0.19079	2.9E-06	0.20311	1.47E-02	0.000405	0.234974	1.61E-06	2.50E-01	0.012958	0.000312	0.44745	1.67E-06	0.460722
167	486833.18	3856393.15	6.07828	3.64032	8.34726	2.53663	1.14E-02	0.00032	0.18127	2.8E-06	0.19301	1.40E-02	0.000391	0.223253	1.59E-06	2.38E-01	0.012341	0.000301	0.425131	1.64E-06	0.437775
168	486883.18	3856393.15	5.77169	4.13061	7.78245	2.43606	1.08E-02	0.00036	0.169	2.7E-06	0.18022	1.33E-02	0.000444	0.208147	1.52E-06	2.22E-01	0.011719	0.000342	0.396365	1.57E-06	0.408427
169	487208.74	3856886.11	7.16734	7.79001	9.8655	4.21525	1.35E-02	0.00068	0.21424	4.7E-06	0.2284	1.65E-02	0.000837	0.263859	2.64E-06	2.81E-01	0.014552	0.000644	0.502456	2.72E-06	0.517655
170	487258.74	3856886.11	6.63257	7.92405	9.28833	4.06341	1.25E-02	0.0007	0.20171	4.5E-06	0.21487	1.53E-02	0.000852	0.248423	2.54E-06	2.65E-01	0.013467	0.000655	0.47306	2.62E-06	0.487185
171	487308.74	3856886.11	6.21107	7.01185	8.79227	3.97492	1.17E-02	0.00062	0.19093	4.4E-06	0.20322	1.43E-02	0.000754	0.235155	2.49E-06	2.50E-01	0.012611	0.00058	0.447795	2.57E-06	0.460989
172	487358.74	3856886.11	5.7932	7.07389	8.30033	3.79217	1.09E-02	0.00062	0.18025	4.2E-06	0.19176	1.33E-02	0.00076	0.221998	2.37E-06	2.36E-01	0.011762	0.000585	0.422741	2.45E-06	0.43509
173	487208.74	3856936.11	7.45047	9.36132	10.68586	4.53855	1.40E-02	0.00082	0.23205	5.1E-06	0.24688	1.72E-02	0.001006	0.285801	2.84E-06	3.04E-01	0.015127	0.000774	0.544237	2.93E-06	0.560141
174	487258.74	3856936.11	6.78063	8.82472	9.96223	4.38199	1.27E-02	0.00077	0.21634	4.9E-06	0.22986	1.56E-02	0.000949	0.266447	2.74E-06	2.83E-01	0.013767	0.00073	0.507382	2.83E-06	0.521882
175	487308.74	3856936.11	6.20774	8.50481	9.22101	4.24135	1.17E-02	0.00075	0.20024	4.7E-06	0.21266	1.43E-02	0.000914	0.246622	2.65E-06	2.62E-01	0.012604	0.000703	0.469631	2.74E-06	0.482941
176	487358.74	3856936.11	5.77984	8.36458	8.61137	4.15212	1.09E-02	0.00073	0.187	4.6E-06	0.1986	1.33E-02	0.000899	0.230317	2.6E-06	2.45E-01	0.011735	0.000692	0.438582	2.68E-06	0.451012
177	487208.74	3856986.11	7.57695	11.20209	11.72154	4.87747	1.42E-02	0.00098	0.25455	5.4E-06	0.26977	1.74E-02	0.001204	0.313501	3.05E-06	3.32E-01	0.015384	0.000926	0.596985	3.15E-06	0.613298
178	487258.74	3856986.11	6.87119	10.42932	10.55628	4.75077	1.29E-02	0.00091	0.22924	5.3E-06	0.24307	1.58E-02	0.001121	0.282335	2.97E-06	2.99E-01	0.013951	0.000862	0.537637	3.07E-06	0.552454
179	487308.74	3856986.11	6.41398	10.48509	9.70661	4.56402	1.21E-02	0.00092	0.21079	5.1E-06	0.22377	1.48E-02	0.001127	0.25961	2.85E-06	2.76E-01	0.013023	0.000867	0.494363	2.95E-06	0.508256

180	487358.74	3856986.11	5.93112	10.00569	8.87338	4.43068	1.11E-02	0.00088	0.19269	5E-06	0.20472	1.37E-02	0.001076	0.237325	2.77E-06	2.52E-01	0.012042	0.000827	0.451926	2.86E-06	0.464799
181	487208.74	3857036.11	7.18959	14.70316	12.70767	5.20869	1.35E-02	0.00129	0.27596	5.8E-06	0.29077	1.66E-02	0.001581	0.339875	3.26E-06	3.58E-01	0.014598	0.001216	0.647209	3.36E-06	0.663026
182	487258.74	3857036.11	6.75442	13.38017	11.34443	5.07512	1.27E-02	0.00117	0.24636	5.7E-06	0.26023	1.56E-02	0.001438	0.303414	3.17E-06	3.20E-01	0.013714	0.001107	0.577778	3.28E-06	0.592602
183	487308.74	3857036.11	6.33216	12.24031	10.16019	4.95404	1.19E-02	0.00107	0.22064	5.5E-06	0.23362	1.46E-02	0.001316	0.271741	3.1E-06	2.88E-01	0.012857	0.001012	0.517464	3.2E-06	0.531336
184	487358.74	3857036.11	5.96087	12.51513	9.24627	4.78175	1.12E-02	0.0011	0.20079	5.3E-06	0.2131	1.37E-02	0.001345	0.247298	2.99E-06	2.62E-01	0.012103	0.001035	0.470918	3.09E-06	0.484059
185	487427.14	3856878.23	5.27826	6.85362	7.65084	3.7305	9.92E-03	0.0006	0.16615	4.2E-06	0.17667	1.22E-02	0.000737	0.204627	2.33E-06	2.18E-01	0.010717	0.000567	0.389662	2.41E-06	0.400948
186	487477.14	3856878.23	4.93521	6.78669	7.2285	3.62886	9.27E-03	0.0006	0.15697	4.1E-06	0.16685	1.14E-02	0.00073	0.193331	2.27E-06	2.05E-01	0.01002	0.000561	0.368152	2.34E-06	0.378736
187	487527.14	3856878.23	4.71243	6.49107	6.85453	3.50547	8.86E-03	0.00057	0.14885	3.9E-06	0.15828	1.09E-02	0.000698	0.183329	2.19E-06	1.95E-01	0.009568	0.000537	0.349105	2.26E-06	0.359212
188	487427.14	3856928.23	5.3215	8.02764	7.82748	3.93838	1.00E-02	0.0007	0.16998	4.4E-06	0.18069	1.23E-02	0.000863	0.209351	2.46E-06	2.22E-01	0.010805	0.000664	0.398658	2.54E-06	0.410129
189	487477.14	3856928.23	5.07986	7.85179	7.3694	3.88212	9.55E-03	0.00069	0.16003	4.3E-06	0.17027	1.17E-02	0.000844	0.1971	2.43E-06	2.10E-01	0.010314	0.000649	0.375328	2.51E-06	0.386294
190	487527.14	3856928.23	4.85468	7.46328	6.99045	3.77351	9.12E-03	0.00065	0.1518	4.2E-06	0.16159	1.12E-02	0.000802	0.186964	2.36E-06	1.99E-01	0.009857	0.000617	0.356028	2.44E-06	0.366504
191	487577.14	3856928.23	4.64284	7.4939	6.64367	3.64494	8.72E-03	0.00066	0.14427	4.1E-06	0.15366	1.07E-02	0.000806	0.177689	2.28E-06	1.89E-01	0.009427	0.00062	0.338366	2.35E-06	0.348415
192	487627.14	3856928.23	4.45554	7.9495	6.34437	3.49444	8.37E-03	0.0007	0.13777	3.9E-06	0.14685	1.03E-02	0.000855	0.169684	2.19E-06	1.81E-01	0.009046	0.000657	0.323122	2.26E-06	0.332828
193	487677.14	3856928.23	4.27822	7.9809	6.03347	3.47093	8.04E-03	0.0007	0.13102	3.9E-06	0.13977	9.85E-03	0.000858	0.161369	2.17E-06	1.72E-01	0.008686	0.00066	0.307288	2.24E-06	0.316637
194	487727.14	3856928.23	4.10542	7.75452	5.70511	3.45507	7.71E-03	0.00068	0.12389	3.9E-06	0.13229	9.45E-03	0.000834	0.152587	2.16E-06	1.63E-01	0.008336	0.000641	0.290565	2.23E-06	0.299544
195	487777.14	3856928.23	3.95261	7.79931	5.48743	3.40995	7.43E-03	0.00068	0.11917	3.8E-06	0.12728	9.10E-03	0.000838	0.146765	2.13E-06	1.57E-01	0.008025	0.000645	0.279478	2.2E-06	0.28815
196	487427.14	3856978.23	5.47213	9.58259	8.11062	4.27183	1.03E-02	0.00084	0.17613	4.8E-06	0.18726	1.26E-02	0.00103	0.216924	2.67E-06	2.31E-01	0.01111	0.000792	0.413079	2.76E-06	0.424984
197	487477.14	3856978.23	5.13544	9.6369	7.66778	4.1583	9.65E-03	0.00085	0.16651	4.6E-06	0.17701	1.18E-02	0.001036	0.20508	2.6E-06	2.18E-01	0.010427	0.000797	0.390524	2.69E-06	0.401751
198	487527.14	3856978.23	4.84097	9.64792	7.13952	4.05687	9.10E-03	0.00085	0.15504	4.5E-06	0.16499	1.11E-02	0.001037	0.190951	2.54E-06	2.03E-01	0.009829	0.000798	0.36362	2.62E-06	0.374249
199	487577.14	3856978.23	4.60248	9.96563	6.68257	3.9243	8.65E-03	0.00087	0.14512	4.4E-06	0.15465	1.06E-02	0.001071	0.17873	2.45E-06	1.90E-01	0.009345	0.000824	0.340347	2.53E-06	0.350519
200	487627.14	3856978.23	4.41345	9.44285	6.35795	3.75296	8.29E-03	0.00083	0.13807	4.2E-06	0.1472	1.02E-02	0.001015	0.170048	2.35E-06	1.81E-01	0.008961	0.000781	0.323814	2.42E-06	0.333558
201	487677.14	3856978.23	4.23537	9.71288	6.06861	3.66793	7.96E-03	0.00085	0.13179	4.1E-06	0.1406	9.75E-03	0.001044	0.162309	2.29E-06	1.73E-01	0.008599	0.000803	0.309078	2.37E-06	0.318483
202	487727.14	3856978.23	4.10121	8.93734	5.8408	3.54748	7.71E-03	0.00078	0.12684	4E-06	0.13533	9.44E-03	0.000961	0.156216	2.22E-06	1.67E-01	0.008327	0.000739	0.297475	2.29E-06	0.306544
203	487777.14	3856978.23	3.92849	8.24512	5.56665	3.61387	7.38E-03	0.00072	0.12089	4E-06	0.129	9.05E-03	0.000886	0.148884	2.26E-06	1.59E-01	0.007976	0.000682	0.283513	2.33E-06	0.292173
204	487427.14	3857028.23	5.36222	12.33927	8.19848	4.57197	1.01E-02	0.00108	0.17804	5.1E-06	0.1892	1.23E-02	0.001326	0.219274	2.86E-06	2.33E-01	0.010887	0.00102	0.417553	2.95E-06	0.429464
205	487477.14	3857028.23	5.078	12.13127	7.62743	4.46765	9.54E-03	0.00106	0.16564	5E-06	0.17625	1.17E-02	0.001304	0.204001	2.79E-06	2.17E-01	0.01031	0.001003	0.388469	2.89E-06	0.399786
206	487527.14	3857028.23	4.82919	11.83525	7.19303	4.33362	9.08E-03	0.00104	0.1562	4.8E-06	0.16632	1.11E-02	0.001272	0.192382	2.71E-06	2.05E-01	0.009805	0.000979	0.366345	2.8E-06	0.377132
207	487577.14	3857028.23	4.6009	11.51288	6.83528	4.20636	8.65E-03	0.00101	0.14844	4.7E-06	0.1581	1.06E-02	0.001238	0.182814	2.63E-06	1.95E-01	0.009342	0.000952	0.348125	2.72E-06	0.358421
208	487627.14	3857028.23	4.40558	11.05428	6.53112	4.02515	8.28E-03	0.00097	0.14183	4.5E-06	0.15108	1.01E-02	0.001188	0.174679	2.52E-06	1.86E-01	0.008945	0.000914	0.332634	2.6E-06	0.342495
209	487677.14	3857028.23	4.21765	10.18962	6.23731	3.87252	7.93E-03	0.00089	0.13545	4.3E-06	0.14427	9.71E-03	0.001095	0.166821	2.42E-06	1.78E-01	0.008563	0.000843	0.31767	2.5E-06	0.327078
210	487727.14	3857028.23	4.03956	10.04391	5.95844	3.84677	7.59E-03	0.00088	0.12939	4.3E-06	0.13787	9.30E-03	0.00108	0.159363	2.41E-06	1.70E-01	0.008202	0.000831	0.303467	2.48E-06	0.312502
211	487777.14	3857028.23	3.87751	9.9131	5.66038	3.80287	7.29E-03	0.00087	0.12292	4.2E-06	0.13108	8.93E-03	0.001066	0.151391	2.38E-06	1.61E-01	0.007873	0.00082	0.288286	2.46E-06	0.296981
212	487427.14	3857078.23	5.40167	15.15045	8.5958	4.85524	1.02E-02	0.00133	0.18667	5.4E-06	0.19815	1.24E-02	0.001629	0.2299	3.04E-06	2.44E-01	0.010967	0.001253	0.437789	3.14E-06	0.450013
213	487477.14	3857078.23	5.12627	14.38726	8.07175	4.76719	9.63E-03	0.00126	0.17529	5.3E-06	0.18619	1.18E-02	0.001547	0.215884	2.98E-06	2.29E-01	0.010408	0.00119	0.411099	3.08E-06	0.4227
214	487527.14	3857078.23	4.88427	13.72705	7.60565	4.63494	9.18E-03	0.0012	0.16516	5.2E-06	0.17555	1.12E-02	0.001476	0.203418	2.9E-06	2.16E-01	0.009917	0.001135	0.38736	2.99E-06	0.398415
215	487577.14	3857078.23	4.66567	13.20218	7.2007	4.50981	8.77E-03	0.00116	0.15637	5E-06	0.1663	1.07E-02	0.001419	0.192588	2.82E-06	2.05E-01	0.009473	0.001092	0.366736	2.91E-06	0.377304
216	487627.14	3857078.23	4.46934	12.94987	6.73843	4.32134	8.40E-03	0.00114	0.14633	4.8E-06	0.15587	1.03E-02	0.001392	0.180224	2.7E-06	1.92E-01	0.009074	0.001071	0.343192	2.79E-06	0.35334
217	487677.14	3857078.23	4.28694	12.64465	6.28573	4.16093	8.06E-03	0.00111	0.1365	4.6E-06	0.14567	9.87E-03	0.001359	0.168116	2.6E-06	1.79E-01	0.008704	0.001046	0.320136	2.69E-06	0.329888
218	487727.14	3857078.23	4.11162	12.01777	5.88065	4.05724	7.73E-03	0.00105	0.1277	4.5E-06	0.13649	9.47E-03	0.001292	0.157282	2.54E-06	1.68E-01	0.008348	0.000994	0.299505	2.62E-06	0.308849
219	487777.14	3857078.23	3.95336	10.84356	5.60313	3.9811	7.43E-03	0.00095	0.12168	4.4E-06	0.13006	9.10E-03	0.001166	0.14986	2.49E-06	1.60E-01	0.008027	0.000897	0.285371	2.57E-06	0.294297
220	487427.14	3857128.23	5.25989	18.60063	8.96119	5.30124	9.88E-03	0.00163	0.1946	5.9E-06	0.20612	1.21E-02	0.002	0.239673	3.32E-06	2.54E-01	0.01068	0.001538	0.456399	3.42E-06	0.46862
221	487477.14	3857128.23	5.08503	17.49462	8.19471	5.0654	9.56E-03	0.00153	0.17796	5.7E-06	0.18905	1.17E-02	0.001881	0.219173	3.17E-06	2.33E-01	0.010325	0.001447	0.417361	3.27E-06	0.429136
222	487527.14	3857128.23	4.85736	16.62494	7.59832	4.92295	9.13E-03	0.00146	0.16501	5.5E-06	0.1756	1.12E-02	0.001787	0.203222	3.08E-06	2.16E-01	0.009862	0.001375	0.386987	3.18E-06	0.398227
223	487577.14	3857128.23	4.67915	15.76317	7.08421	4.77777	8.79E-03	0.00138	0.15384	5.3E-06	0.16402	1.08E-02	0.001695	0.189472	2.99E-06	2.02E-01	0.0095	0.001304	0.360803	3.09E-06	0.37161
224	487627.14	3857128.23	4.50179	15.04456	6.60141	4.69359	8.46E-03	0.00132	0.14336	5.2E-06	0.15314	1.04E-02	0.001617	0.176559	2.94E-06	1.89E-01	0.00914	0.001244	0.336214	3.03E-06	0.346601
225	487677.14	3857128.23	4.33276	14.05232	6.19519	4.47224	8.14E-03	0.00123	0.13453	5E-06	0.14391	9.98E-03	0.001511	0.165695	2.8E-06	1.77E-01	0.008797	0.001162	0.315525	2.89E-06	0.325487
226	487727.14	3857128.23	4.15089	13.1355	5.88995	4.29482	7.80E-03	0.00115	0.12791	4.8E-06	0.13686	9.56E-03	0.001412	0.157531	2.69E-06	1.69E-01	0.008428	0.001086	0.299979	2.77E-06	0.309495
227	487777.14	3857128.23	3.94574	12.08361	5.59241	4.20762	7.41E-03	0.00106	0.12144	4.7E-06	0.12992	9.09E-03	0.001299	0.149573	2.63E-06	1.60E-01	0.008011	0.000999	0.284825	2.72E-06	0.293838
228	488049.44	3856539.39	3.01139	3.24666	3.92484	2.39778	5.66E-03	0.00028	0.08523	2.7E-06	0.09118	6.93E-03	0.000349	0.104973	1.5E-06	1.12E-01	0.006114	0.000268	0.199894	1.55E-06	0.206279
229	488099.44	3856539.39	2.94776	3.16249	3.77711	2.37082	5.54E-03	0.00028	0.08202	2.6E-06	0.08784	6.79E-03	0.00034	0.101021	1.48E-06	1.08E-01	0.005985	0.000262	0.19237	1.53E-06	0.198619
230	488149.44	3856539.39	2.88262	3.07018	3.63873	2.37839	5.42E-03	0.00027	0.07902	2.7E-06	0.08471	6.64E-03	0.00033	0.09732	1.49E-06	1.04E-01	0.005853	0.000254	0.185323	1.54E-06	0.191431
231	488049.44	3856589.39	3.06925	3.26859	4.09241	2.49663	5.77E-03	0.00029	0.08887	2.8E-06	0.09493	7.07E-03	0.000351	0.109454	1.56E-06	1.17E-01	0.006232	0.00027	0.208429	1.61E-06	0.214932
232	488099.44	3856589.39	2.99741	3.32428	3.9477	2.48167	5.63E-03	0.00029	0.08573	2.8E-06	0.09166	6.90E-03	0.000357	0.105584	1.55E-06	1.13E-01	0.006086	0.000275	0.201059	1.6E-06	0.207421
233	488149.44	3856589.39	2.93042	3.37708	3.81129	2.47478	5.51E-03	0.0003	0.08277	2.8E-06	0.08857	6.75E-03	0.000363	0.101936	1.55E-06	1.09E-01	0.00595	0.000279	0.194111	1.6E-06	0.200342
234	488199.44	3856589.39	2.86815	3.33791	3.68525	2.44804	5.39E-03	0.00029	0.08003	2.7E-06	0.08571	6.60E-03	0.000359	0.098565	1.53E-06	1.06E-01	0.005823	0.000276	0.187692	1.58E-06	0.193793
235	488249.44	3856589.39	2.79917	3.33931	3.55736	2.50527	5.26E-03	0.00029	0.07725	2.8E-06	0.08281	6.45E-03	0.000359	0.095144	1.57E-06	1.02E-01	0.005683	0.000276	0.181178	1.62E-06	0.18714
236	488049.44	3856639.39	3.11057	3.65724	4.26861	2.58754	5.85E-03	0.00032	0.0927	2.9E-06	0.09887	7.16E-03	0.000393	0.114167	1.62E-06	1.22E-01	0.006316	0.000302	0.217403	1.67E-06	0.224023
237	488099.44	3856639.39	3.04137	3.71218	4.1286	2.57324	5.72E-03	0.00033	0.08966	2.9E-06	0.0957	7.00E-03	0.000399	0.110422	1.61E-06	1.18E-01	0.006175	0.000307	0.210272	1.66E-06	0.216756
238	488149.44	3856639.39	2.97565	3.64674	3.9943	2.56198	5.59E-03	0.00032	0.08674	2.9E-06	0.09265	6.85E-03	0.000392	0.10683	1.6E-06	1.14E-01	0.006042	0.000302	0.203432	1.65E-06	0.209777
239	488199.44	3856639.39	2.9081	3.78452	3.86382	2.58007	5.46E-03	0.00033	0.08391	2.9E-06	0.08971	6.70E-03	0.000407	0.10334	1.61E-06	1.10E-01	0.005905	0.000313	0.196787	1.67E-06	0.203006
240	488249.44	3856639.39	2.84081	3.88785	3.74048	2.57993	5.34E-03	0.00034	0.08123	2.9E-06	0.08691	6.54E-03	0.000418	0.100042	1.61E-06	1.07E-01	0.005768	0.000322	0.190505	1.67E-06	0.196596

241	488299.44	3856639.39	2.77626	3.95551	3.62127	2.58513		5.22E-03	0.00035	0.07864	2.9E-06	0.08421		6.39E-03	0.000425	0.096853	1.62E-06	1.04E-01		0.005637	0.000327	0.184433	1.67E-06	0.190399
242	488349.44	3856639.39	2.71671	3.85473	3.50872	2.54875		5.11E-03	0.00034	0.0762	2.8E-06	0.08164		6.26E-03	0.000414	0.093843	1.59E-06	1.01E-01		0.005516	0.000319	0.178701	1.65E-06	0.184537
243	488399.44	3856639.39	2.65341	3.90859	3.39559	2.5345		4.99E-03	0.00034	0.07374	2.8E-06	0.07907		6.11E-03	0.00042	0.090817	1.59E-06	9.73E-02		0.005387	0.000323	0.172939	1.64E-06	0.178652
244	488099.44	3856689.39	3.06976	4.08903	4.19937	2.68767		5.77E-03	0.00036	0.09119	3E-06	0.09732		7.07E-03	0.00044	0.112315	1.68E-06	1.20E-01		0.006233	0.000338	0.213876	1.74E-06	0.220449
245	488149.44	3856689.39	2.99534	4.24725	4.07579	2.66913		5.63E-03	0.00037	0.08851	3E-06	0.09451		6.90E-03	0.000457	0.10901	1.67E-06	1.16E-01		0.006082	0.000351	0.207582	1.72E-06	0.214017
246	488199.44	3856689.39	2.92123	4.30468	3.96035	2.68218		5.49E-03	0.00038	0.086	3E-06	0.09187		6.73E-03	0.000463	0.105922	1.68E-06	1.13E-01		0.005931	0.000356	0.201703	1.73E-06	0.207992
247	488249.44	3856689.39	2.85546	4.19892	3.85794	2.66036		5.37E-03	0.00037	0.08378	3E-06	0.08952		6.58E-03	0.000451	0.103183	1.66E-06	1.10E-01		0.005798	0.000347	0.196487	1.72E-06	0.202634
248	488299.44	3856689.39	2.78567	4.14137	3.75862	2.69521		5.23E-03	0.00036	0.08162	3E-06	0.08722		6.41E-03	0.000445	0.100527	1.69E-06	1.07E-01		0.005656	0.000342	0.191429	1.74E-06	0.197429
249	488349.44	3856689.39	2.72494	4.27882	3.67156	2.67081		5.12E-03	0.00038	0.07973	3E-06	0.08523		6.28E-03	0.00046	0.098198	1.67E-06	1.05E-01		0.005533	0.000354	0.186995	1.73E-06	0.192883
250	488399.44	3856689.39	2.67097	4.21381	3.57477	2.58641		5.02E-03	0.00037	0.07763	2.9E-06	0.08302		6.15E-03	0.000453	0.09561	1.62E-06	1.02E-01		0.005423	0.000348	0.182065	1.67E-06	0.187838
251	488099.44	3856739.39	3.09356	4.69973	4.22243	2.81743		5.81E-03	0.00041	0.09169	3.1E-06	0.09792		7.12E-03	0.000505	0.112932	1.76E-06	1.21E-01		0.006281	0.000389	0.215051	1.82E-06	0.221722
252	488149.44	3856739.39	3.01575	4.57706	4.11415	2.77426		5.67E-03	0.0004	0.08934	3.1E-06	0.09541		6.94E-03	0.000492	0.110036	1.74E-06	1.17E-01		0.006123	0.000379	0.209536	1.79E-06	0.216039
253	488199.44	3856739.39	2.92784	4.63104	4.00499	2.80819		5.50E-03	0.00041	0.08697	3.1E-06	0.09288		6.74E-03	0.000498	0.107116	1.76E-06	1.14E-01		0.005945	0.000383	0.203976	1.81E-06	0.210306
254	488249.44	3856739.39	2.85018	4.64585	3.91203	2.7819		5.36E-03	0.00041	0.08495	3.1E-06	0.09072		6.56E-03	0.000499	0.10463	1.74E-06	1.12E-01		0.005787	0.000384	0.199242	1.8E-06	0.205415
255	488299.44	3856739.39	2.78894	4.65795	3.8297	2.71767		5.24E-03	0.00041	0.08317	3E-06	0.08882		6.42E-03	0.000501	0.102428	1.7E-06	1.09E-01		0.005663	0.000385	0.195049	1.76E-06	0.201098
256	488349.44	3856739.39	2.71893	4.63571	3.72246	2.77843		5.11E-03	0.00041	0.08084	3.1E-06	0.08636		6.26E-03	0.000498	0.09956	1.74E-06	1.06E-01		0.00552	0.000383	0.189587	1.79E-06	0.195493
257	488399.44	3856739.39	2.65065	4.61399	3.60914	2.8059		4.98E-03	0.0004	0.07838	3.1E-06	0.08377		6.10E-03	0.000496	0.096529	1.75E-06	1.03E-01		0.005382	0.000382	0.183816	1.81E-06	0.189581
258	487999.44	3856789.39	3.3044	5.17984	4.53218	2.93694		6.21E-03	0.00045	0.09842	3.3E-06	0.10509		7.61E-03	0.000557	0.121216	1.84E-06	1.29E-01		0.006709	0.000428	0.230827	1.9E-06	0.237966
259	488049.44	3856789.39	3.22813	5.03858	4.40212	2.90716		6.07E-03	0.00044	0.0956	3.2E-06	0.10211		7.43E-03	0.000542	0.117738	1.82E-06	1.26E-01		0.006554	0.000417	0.224202	1.88E-06	0.231175
260	488099.44	3856789.39	3.14708	5.1202	4.27785	2.90624		5.91E-03	0.00045	0.0929	3.2E-06	0.09926		7.25E-03	0.00055	0.114414	1.82E-06	1.22E-01		0.00639	0.000423	0.217873	1.88E-06	0.224688
261	488149.44	3856789.39	3.05829	5.12175	4.16365	2.88662		5.75E-03	0.00045	0.09042	3.2E-06	0.09662		7.04E-03	0.000551	0.11136	1.81E-06	1.19E-01		0.006209	0.000424	0.212057	1.86E-06	0.218692
262	488199.44	3856789.39	2.95375	5.09498	4.02644	2.89922		5.55E-03	0.00045	0.08744	3.2E-06	0.09344		6.80E-03	0.000548	0.10769	1.81E-06	1.15E-01		0.005997	0.000421	0.205069	1.87E-06	0.211489
263	488249.44	3856789.39	2.85107	5.09514	3.90641	2.88234		5.36E-03	0.00045	0.08483	3.2E-06	0.09064		6.57E-03	0.000548	0.10448	1.8E-06	1.12E-01		0.005789	0.000421	0.198956	1.86E-06	0.205168
264	488299.44	3856789.39	2.77939	5.19045	3.80169	2.8347		5.22E-03	0.00046	0.08256	3.2E-06	0.08824		6.40E-03	0.000558	0.101679	1.77E-06	1.09E-01		0.005643	0.000429	0.193622	1.83E-06	0.199697
265	488349.44	3856789.39	2.71461	5.13192	3.68318	2.89696		5.10E-03	0.00045	0.07998	3.2E-06	0.08554		6.25E-03	0.000552	0.098509	1.81E-06	1.05E-01		0.005512	0.000424	0.187586	1.87E-06	0.193524
266	488399.44	3856789.39	2.6543	4.83401	3.57951	2.90356		4.99E-03	0.00042	0.07773	3.2E-06	0.08315		6.11E-03	0.00052	0.095736	1.82E-06	1.02E-01		0.005389	0.0004	0.182306	1.88E-06	0.188097
267	487949.44	3856839.39	3.45403	5.67679	4.7695	3.06029		6.49E-03	0.0005	0.10357	3.4E-06	0.11057		7.95E-03	0.00061	0.127564	1.91E-06	1.36E-01		0.007013	0.000469	0.242913	1.98E-06	0.250398
268	487999.44	3856839.39	3.33956	5.61886	4.58189	3.04107		6.28E-03	0.00049	0.0995	3.4E-06	0.10627		7.69E-03	0.000604	0.122546	1.9E-06	1.31E-01		0.006781	0.000465	0.233358	1.96E-06	0.240605
269	488049.44	3856839.39	3.24651	5.68235	4.4141	3.01398		6.10E-03	0.0005	0.09586	3.4E-06	0.10246		7.48E-03	0.000611	0.118058	1.89E-06	1.26E-01		0.006592	0.00047	0.224813	1.95E-06	0.231876
270	488099.44	3856839.39	3.15507	5.7669	4.25683	2.9963		5.93E-03	0.00051	0.09244	3.3E-06	0.09888		7.27E-03	0.00062	0.113852	1.87E-06	1.22E-01		0.006406	0.000477	0.216803	1.94E-06	0.223688
271	488149.44	3856839.39	3.07174	5.63645	4.1145	3.00119		5.77E-03	0.00049	0.08935	3.4E-06	0.09562		7.07E-03	0.000606	0.110045	1.88E-06	1.18E-01		0.006237	0.000466	0.209554	1.94E-06	0.216259
272	488199.44	3856839.39	2.96346	5.64433	3.98435	3.01357		5.57E-03	0.0005	0.08652	3.4E-06	0.09259		6.82E-03	0.000607	0.106564	1.88E-06	1.14E-01		0.006017	0.000467	0.202925	1.95E-06	0.209411
273	487949.44	3856889.39	3.49476	6.41273	4.82426	3.21721		6.57E-03	0.00056	0.10476	3.6E-06	0.1119		8.05E-03	0.000689	0.129028	2.01E-06	1.38E-01		0.007096	0.00053	0.245702	2.08E-06	0.25333
274	487999.44	3856889.39	3.37305	6.45788	4.5407	3.16756		6.34E-03	0.00057	0.09861	3.5E-06	0.10551		7.77E-03	0.000694	0.121444	1.98E-06	1.30E-01		0.006849	0.000534	0.23126	2.05E-06	0.238645
275	488049.44	3856889.39	3.23812	6.40599	4.37367	3.10486		6.09E-03	0.00056	0.09498	3.5E-06	0.10163		7.46E-03	0.000689	0.116977	1.94E-06	1.25E-01		0.006575	0.00053	0.222754	2.01E-06	0.22986
276	488099.44	3856889.39	3.13901	6.29819	4.21544	3.10448		5.90E-03	0.00055	0.09154	3.5E-06	0.098		7.23E-03	0.000677	0.112745	1.94E-06	1.21E-01		0.006373	0.000521	0.214695	2.01E-06	0.221591
277	488635.86	3857895.05	2.35334	3.90962	2.31465	5.42014		4.42E-03	0.00034	0.05026	6.1E-06	0.05504		5.42E-03	0.00042	0.061907	3.39E-06	6.77E-02		0.004778	0.000323	0.117886	3.5E-06	0.122991
278	489137.64	3857804.15	1.86268	3.69256	2.01236	3.62623		3.50E-03	0.00032	0.0437	4.1E-06	0.04753		4.29E-03	0.000397	0.053822	2.27E-06	5.85E-02		0.003782	0.000305	0.102491	2.34E-06	0.10658
279	488617.32	3857859.41	2.38895	3.96927	2.45681	5.37391		4.49E-03	0.00035	0.05335	6E-06	0.0582		5.50E-03	0.000427	0.065709	3.36E-06	7.16E-02		0.00485	0.000328	0.125127	3.47E-06	0.130309
280	488667.32	3857859.41	2.3457	3.82818	2.46071	5.08662		4.41E-03	0.00034	0.05344	5.7E-06	0.05819		5.40E-03	0.000412	0.065813	3.18E-06	7.16E-02		0.004763	0.000317	0.125325	3.29E-06	0.130408
281	488717.32	3857859.41	2.30802	3.73844	2.44345	4.89912		4.34E-03	0.00033	0.05306	5.5E-06	0.05773		5.31E-03	0.000402	0.065352	3.06E-06	7.11E-02		0.004686	0.000309	0.124446	3.16E-06	0.129445
282	488767.32	3857859.41	2.26537	3.76636	2.35551	4.74411		4.26E-03	0.00033	0.05115	5.3E-06	0.05575		5.22E-03	0.000405	0.063	2.97E-06	6.86E-02		0.0046	0.000311	0.119967	3.06E-06	0.124882
283	488617.32	3857909.41	2.35901	4.04634	2.24349	5.5454		4.43E-03	0.00035	0.04872	6.2E-06	0.05351		5.43E-03	0.000435	0.060004	3.47E-06	6.59E-02		0.00479	0.000335	0.114262	3.58E-06	0.11939
284	488667.32	3857909.41	2.3024	3.79456	2.25613	5.34962		4.33E-03	0.00033	0.04899	6E-06	0.05366		5.30E-03	0.000408	0.060342	3.35E-06	6.61E-02		0.004675	0.000314	0.114906	3.46E-06	0.119898
285	488717.32	3857909.41	2.27158	3.56989	2.28324	5.06088		4.27E-03	0.00031	0.04958	5.7E-06	0.05417		5.23E-03	0.000384	0.061067	3.17E-06	6.67E-02		0.004612	0.000295	0.116287	3.27E-06	0.121197
286	488767.32	3857909.41	2.22642	3.48288	2.28529	4.86914		4.18E-03	0.00031	0.04963	5.4E-06	0.05412		5.13E-03	0.000374	0.061122	3.05E-06	6.66E-02		0.00452	0.000288	0.116391	3.15E-06	0.121203
287	488417.32	3857959.41	2.6411	4.83279	2.4549	7.40504		4.96E-03	0.00042	0.05331	8.3E-06	0.05871		6.08E-03	0.00052	0.065658	4.63E-06	7.23E-02		0.005362	0.0004	0.125029	4.78E-06	0.130796
288	488467.32	3857959.41	2.53439	4.95212	2.51693	6.8881		4.76E-03	0.00043	0.05466	7.7E-06	0.05986		5.84E-03	0.000532	0.067317	4.31E-06	7.37E-02		0.005146	0.00041	0.128189	4.45E-06	0.133748
289	488517.32	3857959.41	2.42768	4.86369	2.42124	6.43228		4.56E-03	0.00043	0.05258	7.2E-06	0.05758		5.59E-03	0.000523	0.064758	4.02E-06	7.09E-02		0.004929	0.000402	0.123315	4.16E-06	0.128651
290	488567.32	3857959.41	2.35898	4.70735	2.32543	6.08821		4.43E-03	0.00041	0.0505	6.8E-06	0.05535		5.43E-03	0.000506	0.062195	3.81E-06	6.81E-02		0.00479	0.000389	0.118435	3.93E-06	0.123618
291	488617.32	3857959.41	2.30513	4.45913	2.23736	5.70623		4.33E-03	0.00039	0.04859	6.4E-06	0.05332		5.31E-03	0.000479	0.05984	3.57E-06	6.56E-02		0.00468	0.000369	0.11395	3.69E-06	0.119003
292	488667.32	3857959.41	2.25446	4.09917	2.15376	5.31644		4.24E-03	0.00036	0.04677	5.9E-06	0.05137		5.19E-03	0.000441	0.057604	3.33E-06	6.32E-02		0.004577	0.000339	0.109692	3.43E-06	0.114612
293	488717.32	3857959.41	2.20622	3.78308	2.07095	5.00776		4.15E-03	0.00033	0.04497	5.6E-06	0.04946		5.08E-03	0.000407	0.055389	3.13E-06	6.09E-02		0.004479	0.000313	0.105475	3.23E-06	0.11027
294	488767.32	3857959.41	2.16436	3.52251	2.10058	4.80646		4.07E-03	0.00031	0.04562	5.4E-06	0.05		4.98E-03	0.000379	0.056181	3.01E-06	6.15E-02		0.004394	0.000291	0.106984	3.1E-06	0.111673
295	488417.32	3858009.41	2.65786	4.39343	2.23376	7.33442		4.99E-03	0.00039	0.04851	8.2E-06	0.0539		6.12E-03	0.000472	0.059743	4.59E-06	6.63E-02		0.005396	0.000363	0.113767	4.74E-06	0.119531
296	488467.32	3858009.41	2.55912	4.44938	2.13085	6.79789		4.81E-03	0.00039	0.04627	7.6E-06	0.05148		5.89E-03	0.000478	0.056991	4.25E-06	6.34E-02		0.005196	0.000368	0.108525	4.39E-06	0.114094
297	488517.32	3858009.41	2.46128	4.33097	2.29324	6.31262		4.63E-03	0.00038	0.0498	7.1E-06	0.05481		5.67E-03	0.000466	0.061334	3.95E-06	6.75E-02		0.004997	0.000358	0.116796	4.08E-06	0.122156
298	488567.32	3858009.41	2.35654	4.52826	2.32661	5.95562		4.43E-03	0.0004	0.05052	6.7E-06	0.05536		5.43E-03	0.000487	0.062227	3.72E-06	6.81E-02		0.004785	0.000374	0.118496	3.85E-06	0.123659
299	488617.32	3858009.41	2.26472	4.42112	2.2581	5.65136		4.26E-03	0.00039	0.04904	6.3E-06	0.05369		5.22E-03	0.000475	0.060394	3.53E-06	6.61E-02		0.004598	0.000366	0.115006	3.65E-06	0.119974
300	488667.32	3858009.41	2.20666	4.37269	2.18496	5.36983		4.15E-03	0.00038	0.04745	6E-06	0.05198		5.08E-03	0.00047	0.058438	3.36E-06	6.40E-02		0.00448	0.000362	0.111281	3.47E-06	0.116127
301	488717.32	3858009.41	2.16157	4.1418	2.10827	5.14921		4.06E-03	0.00036	0.04578	5.8E-06	0.05021		4.98E-03	0.000445	0.056387	3.22E-06	6.18E-02		0.004389	0.000343	0.107375	3.33E-06	0.11211

302	488767.32	3858009.41	2.11898	3.83282	2.03291	4.88367	3.98E-03	0.00034	0.04415	5.5E-06	0.04847	4.88E-03	0.000412	0.054372	3.05E-06	5.97E-02	0.004302	0.000317	0.103537	3.15E-06	0.10816
303	488417.32	3858059.41	2.62719	4.02278	2.2572	6.99395	4.94E-03	0.00035	0.04902	7.8E-06	0.05432	6.05E-03	0.000432	0.06037	4.37E-06	6.69E-02	0.005334	0.000333	0.11496	4.52E-06	0.120632
304	488467.32	3858059.41	2.5705	3.94853	2.14312	6.57776	4.83E-03	0.00035	0.04654	7.3E-06	0.05172	5.92E-03	0.000424	0.057319	4.11E-06	6.37E-02	0.005219	0.000327	0.10915	4.25E-06	0.1147
305	488517.32	3858059.41	2.51114	3.99358	2.03891	6.04765	4.72E-03	0.00035	0.04428	6.8E-06	0.04935	5.78E-03	0.000429	0.054532	3.78E-06	6.07E-02	0.005099	0.00033	0.103843	3.91E-06	0.109276
306	488567.32	3858059.41	2.42189	4.06881	2.01016	5.68353	4.55E-03	0.00036	0.04365	6.4E-06	0.04857	5.58E-03	0.000437	0.053763	3.55E-06	5.98E-02	0.004917	0.000336	0.102379	3.67E-06	0.107636
307	488617.32	3858059.41	2.31102	3.96823	2.1599	5.39735	4.34E-03	0.00035	0.0469	6E-06	0.0516	5.32E-03	0.000427	0.057768	3.38E-06	6.35E-02	0.004692	0.000328	0.110005	3.49E-06	0.115029
308	488667.32	3858059.41	2.203	4.08299	2.17547	5.12991	4.14E-03	0.00036	0.04724	5.7E-06	0.05175	5.07E-03	0.000439	0.058184	3.21E-06	6.37E-02	0.004473	0.000338	0.110798	3.31E-06	0.115612
309	488417.32	3858109.41	2.59619	3.90715	2.20743	6.63128	4.88E-03	0.00034	0.04794	7.4E-06	0.05317	5.98E-03	0.00042	0.059039	4.15E-06	6.54E-02	0.005271	0.000323	0.112426	4.28E-06	0.118024
310	488467.32	3858109.41	2.48281	3.8093	2.15639	6.2956	4.67E-03	0.00033	0.04683	7E-06	0.05184	5.72E-03	0.00041	0.057674	3.94E-06	6.38E-02	0.005041	0.000315	0.109826	4.07E-06	0.115186
311	488517.32	3858109.41	2.42666	3.66355	2.07505	5.88931	4.56E-03	0.00032	0.04506	6.6E-06	0.04995	5.59E-03	0.000394	0.055499	3.68E-06	6.15E-02	0.004927	0.000303	0.105683	3.8E-06	0.110917
312	488567.32	3858109.41	2.38946	3.6082	1.96968	5.54023	4.49E-03	0.00032	0.04277	6.2E-06	0.04759	5.50E-03	0.000388	0.05268	3.47E-06	5.86E-02	0.004852	0.000298	0.100317	3.58E-06	0.10547
313	488617.32	3858109.41	2.34207	3.66038	1.92292	5.23715	4.40E-03	0.00032	0.04176	5.9E-06	0.04649	5.39E-03	0.000393	0.05143	3.28E-06	5.72E-02	0.004755	0.000303	0.097935	3.38E-06	0.102997
314	488667.32	3858109.41	2.24636	3.75906	1.91915	4.9798	4.22E-03	0.00033	0.04168	5.6E-06	0.04623	5.17E-03	0.000404	0.051329	3.11E-06	5.69E-02	0.004561	0.000311	0.097743	3.22E-06	0.102618
315	488769.93	3858449.27	2.37115	2.4969	1.55888	3.90026	4.46E-03	0.00022	0.03385	4.4E-06	0.03853	5.46E-03	0.000268	0.041693	2.44E-06	4.74E-02	0.004814	0.000206	0.079395	2.52E-06	0.084418
316	488819.93	3858449.27	2.28269	2.55965	1.56724	3.59499	4.29E-03	0.00022	0.03403	4E-06	0.03855	5.26E-03	0.000275	0.041917	2.25E-06	4.75E-02	0.004635	0.000212	0.07982	2.32E-06	0.084669
317	488819.93	3858499.27	2.3587	2.43627	1.49842	3.68281	4.43E-03	0.00021	0.03254	4.1E-06	0.03719	5.43E-03	0.000262	0.040076	2.3E-06	4.58E-02	0.004789	0.000201	0.076315	2.38E-06	0.081308
318	488869.93	3858499.27	2.26685	2.43717	1.48803	3.47624	4.26E-03	0.00021	0.03231	3.9E-06	0.03679	5.22E-03	0.000262	0.039798	2.17E-06	4.53E-02	0.004603	0.000202	0.075786	2.25E-06	0.080593
319	488869.93	3858549.27	2.35345	2.37315	1.44251	3.27703	4.42E-03	0.00021	0.03133	3.7E-06	0.03596	5.42E-03	0.000255	0.038581	2.05E-06	4.43E-02	0.004778	0.000196	0.073468	2.12E-06	0.078445
320	489438.17	3859571.48	1.23087	1.38752	0.93134	1.68799	2.31E-03	0.00012	0.02022	1.9E-06	0.02266	2.83E-03	0.000149	0.024909	1.06E-06	2.79E-02	0.002499	0.000115	0.047434	1.09E-06	0.050049
321	489488.17	3859571.48	1.2343	1.41224	1.00501	1.6862	2.32E-03	0.00012	0.02182	1.9E-06	0.02427	2.84E-03	0.000152	0.02688	1.05E-06	2.99E-02	0.002506	0.000117	0.051186	1.09E-06	0.05381
322	489538.17	3859571.48	1.27216	1.41631	1.06591	1.76445	2.39E-03	0.00012	0.02315	2E-06	0.02566	2.93E-03	0.000152	0.028508	1.1E-06	3.16E-02	0.002583	0.000117	0.054287	1.14E-06	0.056989
323	489588.17	3859571.48	1.27105	1.39735	1.05802	1.84415	2.39E-03	0.00012	0.02298	2.1E-06	0.02549	2.93E-03	0.00015	0.028297	1.15E-06	3.14E-02	0.002581	0.000116	0.053886	1.19E-06	0.056583
324	489438.17	3859621.48	1.16292	1.30732	0.88357	1.73469	2.19E-03	0.00011	0.01919	1.9E-06	0.02149	2.68E-03	0.000141	0.023632	1.08E-06	2.65E-02	0.002361	0.000108	0.045001	1.12E-06	0.047471
325	489488.17	3859621.48	1.17641	1.3492	0.90602	1.64398	2.21E-03	0.00012	0.01968	1.8E-06	0.02201	2.71E-03	0.000145	0.024232	1.03E-06	2.71E-02	0.002389	0.000112	0.046144	1.06E-06	0.048645
326	489538.17	3859621.48	1.18584	1.3738	0.97842	1.61996	2.23E-03	0.00012	0.02125	1.8E-06	0.0236	2.73E-03	0.000148	0.026169	1.01E-06	2.90E-02	0.002408	0.000114	0.049831	1.05E-06	0.052354
327	489588.17	3859621.48	1.23285	1.3812	1.03765	1.69692	2.32E-03	0.00012	0.02253	1.9E-06	0.02497	2.84E-03	0.000148	0.027753	1.06E-06	3.07E-02	0.002503	0.000114	0.052848	1.1E-06	0.055467
328	489238.17	3859671.48	1.08668	1.29281	0.92415	1.70491	2.04E-03	0.00011	0.02007	1.9E-06	0.02223	2.50E-03	0.000139	0.024717	1.07E-06	2.74E-02	0.002206	0.000107	0.047067	1.1E-06	0.049382
329	489288.17	3859671.48	1.12812	1.25223	0.91381	1.7115	2.12E-03	0.00011	0.01984	1.9E-06	0.02208	2.60E-03	0.000135	0.02444	1.07E-06	2.72E-02	0.002291	0.000104	0.046541	1.11E-06	0.048936
330	489338.17	3859671.48	1.16998	1.26017	0.9897	1.6877	2.20E-03	0.00011	0.02149	1.9E-06	0.0238	2.69E-03	0.000135	0.02647	1.06E-06	2.93E-02	0.002376	0.000104	0.050406	1.09E-06	0.052887
331	489388.17	3859671.48	1.17765	1.25951	0.9819	1.71569	2.21E-03	0.00011	0.02132	1.9E-06	0.02365	2.71E-03	0.000135	0.026262	1.07E-06	2.91E-02	0.002391	0.000104	0.050009	1.11E-06	0.052505
332	489438.17	3859671.48	1.14909	1.2346	0.92962	1.6777	2.16E-03	0.00011	0.02019	1.9E-06	0.02246	2.65E-03	0.000133	0.024863	1.05E-06	2.76E-02	0.002333	0.000102	0.047346	1.08E-06	0.049782
333	489488.17	3859671.48	1.11744	1.27699	0.86452	1.69092	2.10E-03	0.00011	0.01877	1.9E-06	0.02099	2.57E-03	0.000137	0.023122	1.06E-06	2.58E-02	0.002269	0.000106	0.04403	1.09E-06	0.046406
334	489538.17	3859671.48	1.13037	1.31501	0.88486	1.60289	2.12E-03	0.00012	0.01922	1.8E-06	0.02146	2.60E-03	0.000141	0.023666	1E-06	2.64E-02	0.002295	0.000109	0.045066	1.04E-06	0.047471
335	489588.17	3859671.48	1.15212	1.34571	0.95715	1.55787	2.17E-03	0.00012	0.02079	1.7E-06	0.02307	2.65E-03	0.000145	0.0256	9.74E-07	2.84E-02	0.002339	0.000111	0.048748	1.01E-06	0.0512
336	489238.17	3859721.48	1.03938	1.27516	0.90937	1.6706	1.95E-03	0.00011	0.01975	1.9E-06	0.02181	2.39E-03	0.000137	0.024322	1.04E-06	2.69E-02	0.00211	0.000105	0.046315	1.08E-06	0.048532
337	489288.17	3859721.48	1.06445	1.2573	0.90098	1.64213	2.00E-03	0.00011	0.01957	1.8E-06	0.02168	2.45E-03	0.000135	0.024097	1.03E-06	2.67E-02	0.002161	0.000104	0.045887	1.06E-06	0.048154
338	489338.17	3859721.48	1.09058	1.22291	0.89504	1.65564	2.05E-03	0.00011	0.01944	1.8E-06	0.0216	2.51E-03	0.000131	0.023938	1.04E-06	2.66E-02	0.002214	0.000101	0.045585	1.07E-06	0.047901
339	489388.17	3859721.48	1.12869	1.23658	0.97181	1.65214	2.12E-03	0.00011	0.0211	1.8E-06	0.02334	2.60E-03	0.000133	0.025992	1.03E-06	2.87E-02	0.002292	0.000102	0.049495	1.07E-06	0.05189
340	489438.17	3859721.48	1.1461	1.22635	0.96023	1.67435	2.15E-03	0.00011	0.02085	1.9E-06	0.02312	2.64E-03	0.000132	0.025682	1.05E-06	2.85E-02	0.002327	0.000101	0.048905	1.08E-06	0.051335
341	489488.17	3859721.48	1.10997	1.21113	0.91493	1.63579	2.09E-03	0.00011	0.01987	1.8E-06	0.02206	2.56E-03	0.00013	0.02447	1.02E-06	2.72E-02	0.002254	0.0001	0.046598	1.06E-06	0.048953
342	489538.17	3859721.48	1.07598	1.24968	0.85156	1.64934	2.02E-03	0.00011	0.01849	1.8E-06	0.02063	2.48E-03	0.000134	0.022776	1.03E-06	2.54E-02	0.002185	0.000103	0.04337	1.07E-06	0.045659
343	489588.17	3859721.48	1.0881	1.27962	0.86486	1.5632	2.04E-03	0.00011	0.01878	1.7E-06	0.02094	2.51E-03	0.000138	0.023131	9.78E-07	2.58E-02	0.002209	0.000106	0.044048	1.01E-06	0.046364
344	489238.17	3859771.48	1.03486	1.21232	0.89629	1.5884	1.94E-03	0.00011	0.01946	1.8E-06	0.02152	2.38E-03	0.00013	0.023972	9.93E-07	2.65E-02	0.002101	0.0001	0.045649	1.03E-06	0.047851
345	489288.17	3859771.48	1.02346	1.24272	0.88676	1.608	1.92E-03	0.00011	0.01926	1.8E-06	0.02129	2.36E-03	0.000134	0.023717	1.01E-06	2.62E-02	0.002078	0.000103	0.045163	1.04E-06	0.047345
346	489338.17	3859771.48	1.04284	1.2199	0.87707	1.5835	1.96E-03	0.00011	0.01905	1.8E-06	0.02111	2.40E-03	0.000131	0.023458	9.9E-07	2.60E-02	0.002117	0.000101	0.04467	1.02E-06	0.046889
347	489388.17	3859771.48	1.05971	1.19868	0.87783	1.60532	1.99E-03	0.00011	0.01906	1.8E-06	0.02116	2.44E-03	0.000129	0.023478	1E-06	2.60E-02	0.002152	9.91E-05	0.044708	1.04E-06	0.04696
348	489438.17	3859771.48	1.08739	1.2096	0.94726	1.617	2.04E-03	0.00011	0.02057	1.8E-06	0.02272	2.50E-03	0.00013	0.025335	1.01E-06	2.80E-02	0.002208	0.0001	0.048244	1.04E-06	0.050553
349	489488.17	3859771.48	1.10896	1.19949	0.94339	1.63551	2.08E-03	0.00011	0.02049	1.8E-06	0.02268	2.55E-03	0.000129	0.025232	1.02E-06	2.79E-02	0.002252	9.92E-05	0.048047	1.06E-06	0.050399
350	489538.17	3859771.48	1.08163	1.18985	0.90148	1.59523	2.03E-03	0.0001	0.01958	1.8E-06	0.02172	2.49E-03	0.000128	0.024111	9.98E-07	2.67E-02	0.002196	9.84E-05	0.045913	1.03E-06	0.048208
351	489588.17	3859771.48	1.03715	1.21562	0.83902	1.60921	1.95E-03	0.00011	0.01822	1.8E-06	0.02028	2.39E-03	0.000131	0.02244	1.01E-06	2.50E-02	0.002106	0.000101	0.042732	1.04E-06	0.044939
352	489238.17	3859821.48	0.99465	1.2071	0.88063	1.4567	1.87E-03	0.00011	0.01912	1.6E-06	0.0211	2.29E-03	0.00013	0.023553	9.11E-07	2.60E-02	0.00202	9.98E-05	0.044851	9.41E-07	0.046971
353	489288.17	3859821.48	1.00673	1.18258	0.87321	1.56914	1.89E-03	0.0001	0.01896	1.8E-06	0.02096	2.32E-03	0.000127	0.023355	9.81E-07	2.58E-02	0.002044	9.78E-05	0.044473	1.01E-06	0.046616
354	489338.17	3859821.48	1.0051	1.2079	0.86282	1.54925	1.89E-03	0.00011	0.01874	1.7E-06	0.02073	2.31E-03	0.00013	0.023077	9.69E-07	2.55E-02	0.002041	9.99E-05	0.043944	1E-06	0.046086
355	489388.17	3859821.48	1.02413	1.18644	0.85549	1.54955	1.92E-03	0.0001	0.01858	1.7E-06	0.02061	2.36E-03	0.000128	0.022881	9.69E-07	2.54E-02	0.002079	9.81E-05	0.043571	1E-06	0.045749
356	489438.17	3859821.48	1.04083	1.17963	0.86367	1.57454	1.96E-03	0.0001	0.01876	1.8E-06	0.02082	2.40E-03	0.000127	0.023099	9.85E-07	2.56E-02	0.002113	9.76E-05	0.043987	1.02E-06	0.046199
357	489488.17	3859821.48	1.05601	1.19016	0.93053	1.58442	1.98E-03	0.0001	0.02021	1.8E-06	0.0223	2.43E-03	0.000128	0.024888	9.91E-07	2.74E-02	0.002144	9.84E-05	0.047392	1.02E-06	0.049636
358	489538.17	3859821.48	1.08751	1.17561	0.92831	1.59729	2.04E-03	0.0001	0.02016	1.8E-06	0.02231	2.50E-03	0.000126	0.024828	9.99E-07	2.75E-02	0.002208	9.72E-05	0.047279	1.03E-06	0.049586
359	489588.17	3859821.48	1.05334	1.15924	0.88711	1.55593	1.98E-03	0.0001	0.01926	1.7E-06	0.02135	2.43E-03	0.000125	0.023726	9.73E-07	2.63E-02	0.002139	9.59E-05	0.045181	1.01E-06	0.047417
360	489238.17	3859871.48	0.96127	1.07817	0.85849	1.34149	1.81E-03	9.5E-05	0.01864	1.5E-06	0.02055	2.21E-03	0.000116	0.022961	8.39E-07	2.53E-02	0.001952	8.92E-05	0.043723	8.67E-07	0.045765
361	489288.17	3859871.48	0.97443	1.18822	0.86015	1.44231	1.83E-03	0.0001	0.01868	1.6E-06	0.02062	2.24E-03	0.000128	0.023005	9.02E-07	2.54E-02	0.001978	9.83E-05	0.043808	9.32E-07	0.045886
362	489338.17	3859871.48	0.97714	1.16772	0.84952	1.52074	1.84E-03	0.0001	0.01845	1.7E-06	0.02039	2.25E-03	0.000126	0.022721	9.51E-07	2.51E-02	0.001984	9.66E-05	0.043267	9.82E-07	0.045348

363	489388.17	3859871.48	0.99019	1.1794	0.84271	1.49553	1.86E-03	0.0001	0.0183	1.7E-06	0.02027	2.28E-03	0.000127	0.022539	9.35E-07	2.49E-02	0.00201	9.75E-05	0.04292	9.66E-07	0.045029
364	489438.17	3859871.48	1.01219	1.16492	0.84024	1.5194	1.90E-03	0.0001	0.01825	1.7E-06	0.02025	2.33E-03	0.000125	0.022473	9.5E-07	2.49E-02	0.002055	9.63E-05	0.042794	9.81E-07	0.044946
365	489488.17	3859871.48	1.02845	1.17095	0.85573	1.54358	1.93E-03	0.0001	0.01858	1.7E-06	0.02062	2.37E-03	0.000126	0.022887	9.65E-07	2.54E-02	0.002088	9.68E-05	0.043583	9.97E-07	0.045769
366	489538.17	3859871.48	1.02648	1.16881	0.91429	1.55132	1.93E-03	0.0001	0.01985	1.7E-06	0.02189	2.36E-03	0.000126	0.024453	9.7E-07	2.69E-02	0.002084	9.67E-05	0.046565	1E-06	0.048747
367	489588.17	3859871.48	1.06271	1.15227	0.9135	1.56009	2.00E-03	0.0001	0.01984	1.7E-06	0.02194	2.45E-03	0.000124	0.024432	9.76E-07	2.70E-02	0.002158	9.53E-05	0.046525	1.01E-06	0.048779
368	489238.17	3859921.48	0.90961	1.05783	0.86269	1.33663	1.71E-03	9.3E-05	0.01873	1.5E-06	0.02054	2.09E-03	0.000114	0.023073	8.36E-07	2.53E-02	0.001847	8.75E-05	0.043937	8.63E-07	0.045872
369	489288.17	3859921.48	0.94779	1.07414	0.8392	1.31658	1.78E-03	9.4E-05	0.01822	1.5E-06	0.0201	2.18E-03	0.000115	0.022445	8.23E-07	2.47E-02	0.001924	8.88E-05	0.042741	8.5E-07	0.044755
370	489338.17	3859921.48	0.95819	1.16128	0.84108	1.42873	1.80E-03	0.0001	0.01826	1.6E-06	0.02017	2.21E-03	0.000125	0.022495	8.94E-07	2.48E-02	0.001945	9.6E-05	0.042837	9.23E-07	0.044879
371	489388.17	3859921.48	0.954	1.16008	0.83535	1.46764	1.79E-03	0.0001	0.01814	1.6E-06	0.02004	2.20E-03	0.000125	0.022342	9.18E-07	2.47E-02	0.001937	9.59E-05	0.042545	9.48E-07	0.044579
372	489438.17	3859921.48	0.98371	1.16567	0.83126	1.44551	1.85E-03	0.0001	0.01805	1.6E-06	0.02	2.27E-03	0.000125	0.022233	9.04E-07	2.46E-02	0.001997	9.64E-05	0.042337	9.34E-07	0.044431
373	489488.17	3859921.48	1.00191	1.14761	0.82719	1.48929	1.88E-03	0.0001	0.01796	1.7E-06	0.01995	2.31E-03	0.000123	0.022124	9.31E-07	2.46E-02	0.002034	9.49E-05	0.042129	9.62E-07	0.044259
374	489538.17	3859921.48	1.01036	1.15357	0.8426	1.4956	1.90E-03	0.0001	0.0183	1.7E-06	0.0203	2.33E-03	0.000124	0.022536	9.35E-07	2.50E-02	0.002051	9.54E-05	0.042914	9.66E-07	0.045062
375	489588.17	3859921.48	1.00695	1.14985	0.89944	1.51843	1.89E-03	0.0001	0.01953	1.7E-06	0.02153	2.32E-03	0.000124	0.024056	9.5E-07	2.65E-02	0.002044	9.51E-05	0.045809	9.81E-07	0.04795
376	489238.17	3859971.48	0.85613	1.08354	0.82228	1.35591	1.61E-03	9.5E-05	0.01786	1.5E-06	0.01956	1.97E-03	0.000116	0.021992	8.48E-07	2.41E-02	0.001738	8.96E-05	0.041879	8.76E-07	0.043708
377	489288.17	3859971.48	0.89746	1.02645	0.84276	1.2935	1.69E-03	9E-05	0.0183	1.4E-06	0.02008	2.07E-03	0.00011	0.02254	8.09E-07	2.47E-02	0.001822	8.49E-05	0.042922	8.36E-07	0.04483
378	489338.17	3859971.48	0.93381	1.06935	0.81989	1.30663	1.75E-03	9.4E-05	0.0178	1.5E-06	0.01965	2.15E-03	0.000115	0.021929	8.17E-07	2.42E-02	0.001896	8.84E-05	0.041757	8.44E-07	0.043743
379	489388.17	3859971.48	0.94521	1.1418	0.82675	1.41401	1.78E-03	0.0001	0.01795	1.6E-06	0.01983	2.18E-03	0.000123	0.022112	8.84E-07	2.44E-02	0.001919	9.44E-05	0.042107	9.13E-07	0.044121
380	489438.17	3859971.48	0.94663	1.14811	0.83347	1.41551	1.78E-03	0.0001	0.0181	1.6E-06	0.01998	2.18E-03	0.000123	0.022292	8.85E-07	2.46E-02	0.001922	9.49E-05	0.042449	9.14E-07	0.044467
381	489488.17	3859971.48	0.97675	1.15864	0.82364	1.47433	1.84E-03	0.0001	0.01789	1.6E-06	0.01982	2.25E-03	0.000125	0.022029	9.22E-07	2.44E-02	0.001983	9.58E-05	0.041948	9.52E-07	0.044028
382	489538.17	3859971.48	0.98918	1.14699	0.82498	1.5918	1.86E-03	0.0001	0.01792	1.8E-06	0.01988	2.28E-03	0.000123	0.022065	9.96E-07	2.45E-02	0.002008	9.49E-05	0.042017	1.03E-06	0.044121
383	489588.17	3859971.48	1.01737	1.15844	0.84383	1.52528	1.91E-03	0.0001	0.01832	1.7E-06	0.02034	2.34E-03	0.000125	0.022569	9.54E-07	2.50E-02	0.002066	9.58E-05	0.042977	9.85E-07	0.045139
384	483577.7	3854071	2.30267	3.75635	2.27803	1.8143	4.33E-03	0.00033	0.04947	2E-06	0.05413	5.30E-03	0.000404	0.060927	1.13E-06	6.66E-02	0.004675	0.000311	0.116021	1.17E-06	0.121008
385	483627.7	3854071	2.23914	4.11067	2.19706	1.74372	4.21E-03	0.00036	0.04771	1.9E-06	0.05228	5.16E-03	0.000442	0.058762	1.09E-06	6.44E-02	0.004546	0.00034	0.111898	1.13E-06	0.116785
386	483677.7	3854071	2.14034	4.17542	2.16743	1.72838	4.02E-03	0.00037	0.04707	1.9E-06	0.05146	4.93E-03	0.000449	0.057969	1.08E-06	6.33E-02	0.004346	0.000345	0.110388	1.12E-06	0.115081
387	483727.7	3854071	2.14665	4.0097	2.10261	1.69971	4.03E-03	0.00035	0.04566	1.9E-06	0.05005	4.94E-03	0.000431	0.056236	1.06E-06	6.16E-02	0.004359	0.000332	0.107087	1.1E-06	0.111778
388	483777.7	3854071	2.12565	3.9555	2.17936	1.56548	3.99E-03	0.00035	0.04733	1.7E-06	0.05167	4.89E-03	0.000425	0.058288	9.79E-07	6.36E-02	0.004316	0.000327	0.110996	1.01E-06	0.11564
389	483577.7	3854121	2.39937	3.58187	2.28307	1.73565	4.51E-03	0.00031	0.04958	1.9E-06	0.0544	5.53E-03	0.000385	0.061062	1.09E-06	6.70E-02	0.004872	0.000296	0.116278	1.12E-06	0.121447
390	483627.7	3854121	2.38932	4.16881	2.3818	1.73136	4.49E-03	0.00037	0.05172	1.9E-06	0.05658	5.50E-03	0.000448	0.063703	1.08E-06	6.97E-02	0.004851	0.000345	0.121306	1.12E-06	0.126504
391	483677.7	3854121	2.32797	4.5059	2.35085	1.63686	4.37E-03	0.0004	0.05105	1.8E-06	0.05582	5.36E-03	0.000484	0.062875	1.02E-06	6.87E-02	0.004727	0.000373	0.11973	1.06E-06	0.12483
392	483727.7	3854121	2.3153	4.36556	2.29387	1.56243	4.35E-03	0.00038	0.04981	1.7E-06	0.05455	5.33E-03	0.000469	0.061351	9.77E-07	6.72E-02	0.004701	0.000361	0.116828	1.01E-06	0.121891
393	483777.7	3854121	2.21993	4.40623	2.28062	1.48821	4.17E-03	0.00039	0.04953	1.7E-06	0.05409	5.11E-03	0.000474	0.060997	9.31E-07	6.66E-02	0.004507	0.000364	0.116153	9.61E-07	0.121026
394	483577.7	3854171	2.50156	3.70533	2.34991	1.68591	4.70E-03	0.00033	0.05103	1.9E-06	0.05606	5.76E-03	0.000398	0.06285	1.05E-06	6.90E-02	0.005079	0.000306	0.119682	1.09E-06	0.125069
395	483627.7	3854171	2.525	4.12643	2.42943	1.5347	4.74E-03	0.00036	0.05276	1.7E-06	0.05787	5.81E-03	0.000444	0.064977	9.6E-07	7.12E-02	0.005127	0.000341	0.123732	9.91E-07	0.129201
396	483677.7	3854171	2.49536	4.67544	2.57032	1.51545	4.69E-03	0.00041	0.05582	1.7E-06	0.06092	5.75E-03	0.000503	0.068745	9.48E-07	7.50E-02	0.005067	0.000387	0.130908	9.79E-07	0.136362
397	483727.7	3854171	2.42006	4.91281	2.56204	1.45009	4.55E-03	0.00043	0.05564	1.6E-06	0.06062	5.57E-03	0.000528	0.068523	9.07E-07	7.46E-02	0.004914	0.000406	0.130486	9.37E-07	0.135807
398	483777.7	3854171	2.41948	4.60351	2.4544	1.40318	4.55E-03	0.0004	0.0533	1.6E-06	0.05825	5.57E-03	0.000495	0.065645	8.78E-07	7.17E-02	0.004912	0.000381	0.125004	9.06E-07	0.130298
399	483827.7	3854171	2.36071	4.53233	2.42972	1.24812	4.44E-03	0.0004	0.05276	1.4E-06	0.0576	5.44E-03	0.000487	0.064985	7.81E-07	7.09E-02	0.004793	0.000375	0.123747	8.06E-07	0.128916
400	483877.7	3854171	2.38297	3.87366	2.55308	1.18754	4.48E-03	0.00034	0.05544	1.3E-06	0.06026	5.49E-03	0.000416	0.068284	7.43E-07	7.42E-02	0.004838	0.00032	0.13003	7.67E-07	0.135189
401	483727.7	3854221	2.60115	5.07537	2.72753	1.37927	4.89E-03	0.00045	0.05923	1.5E-06	0.06457	5.99E-03	0.000546	0.07295	8.63E-07	7.95E-02	0.005281	0.00042	0.138915	8.91E-07	0.144617
402	483777.7	3854221	2.53353	5.13435	2.72255	1.31246	4.76E-03	0.00045	0.05912	1.5E-06	0.06434	5.83E-03	0.000552	0.072816	8.21E-07	7.92E-02	0.005144	0.000425	0.138661	8.48E-07	0.144231
403	483827.7	3854221	2.54374	5.07223	2.5883	1.28181	4.78E-03	0.00044	0.05621	1.4E-06	0.06143	5.86E-03	0.000545	0.069226	8.02E-07	7.56E-02	0.005165	0.000419	0.131824	8.28E-07	0.137409
404	483877.7	3854221	2.50692	4.51045	2.54629	1.19003	4.71E-03	0.0004	0.0553	1.3E-06	0.0604	5.77E-03	0.000485	0.068102	7.44E-07	7.44E-02	0.00509	0.000373	0.129684	7.69E-07	0.135148
405	489150.19	3858726.45	1.95569	2.02129	1.25268	2.63249	3.68E-03	0.00018	0.0272	2.9E-06	0.03106	4.50E-03	0.000217	0.033504	1.65E-06	3.82E-02	0.003971	0.000167	0.0638	1.7E-06	0.067939
406	489200.19	3858726.45	1.83835	1.92514	1.27802	2.51965	3.45E-03	0.00017	0.02775	2.8E-06	0.03138	4.23E-03	0.000207	0.034182	1.58E-06	3.86E-02	0.003733	0.000159	0.06509	1.63E-06	0.068984
407	489150.19	3858776.45	2.00335	1.98511	1.22189	2.67576	3.76E-03	0.00017	0.02653	3E-06	0.03048	4.61E-03	0.000213	0.03268	1.67E-06	3.75E-02	0.004068	0.000164	0.062232	1.73E-06	0.066465
408	489200.19	3858776.45	1.87223	1.91735	1.21386	2.53424	3.52E-03	0.00017	0.02636	2.8E-06	0.03005	4.31E-03	0.000206	0.032466	1.59E-06	3.70E-02	0.003801	0.000159	0.061823	1.64E-06	0.065784
409	488919.6	3856400.76	2.04057	2.77299	2.52699	1.8345	3.83E-03	0.00024	0.05488	2E-06	0.05896	4.70E-03	0.000298	0.067586	1.15E-06	7.26E-02	0.004143	0.000229	0.128701	1.19E-06	0.133075
410	488919.6	3856450.76	2.07768	2.88584	2.56143	1.88173	3.90E-03	0.00025	0.05562	2.1E-06	0.05978	4.78E-03	0.00031	0.068507	1.18E-06	7.36E-02	0.004218	0.000239	0.130455	1.22E-06	0.134913
411	488969.6	3856450.76	2.0508	2.84737	2.52987	1.86316	3.85E-03	0.00025	0.05494	2.1E-06	0.05904	4.72E-03	0.000306	0.067663	1.17E-06	7.27E-02	0.004164	0.000235	0.128848	1.2E-06	0.133248
412	488919.6	3856500.76	2.10332	3.07722	2.62319	1.98713	3.95E-03	0.00027	0.05697	2.2E-06	0.06119	4.84E-03	0.000331	0.070159	1.24E-06	7.53E-02	0.004271	0.000254	0.133601	1.28E-06	0.138127
413	488969.6	3856500.76	2.07683	3.07399	2.57103	1.95761	3.90E-03	0.00027	0.05583	2.2E-06	0.06001	4.78E-03	0.00033	0.068764	1.22E-06	7.39E-02	0.004217	0.000254	0.130944	1.26E-06	0.135416
414	488919.6	3856550.76	2.12986	3.18435	2.69936	2.06459	4.00E-03	0.00028	0.05862	2.3E-06	0.0629	4.90E-03	0.000342	0.072196	1.29E-06	7.74E-02	0.004324	0.000263	0.13748	1.33E-06	0.142069
415	488969.6	3856550.76	2.10203	3.22573	2.6479	2.04426	3.95E-03	0.00028	0.0575	2.3E-06	0.06174	4.84E-03	0.000347	0.07082	1.28E-06	7.60E-02	0.004268	0.000267	0.134859	1.32E-06	0.139395
416	488819.6	3856600.76	2.21311	3.52532	2.84785	2.17231	4.16E-03	0.00031	0.06184	2.4E-06	0.06631	5.10E-03	0.000379	0.076168	1.36E-06	8.16E-02	0.004493	0.000292	0.145043	1.4E-06	0.149829
417	488869.6	3856600.76	2.18322	3.50749	2.80907	2.14579	4.10E-03	0.00031	0.061	2.4E-06	0.06541	5.03E-03	0.000377	0.07513	1.34E-06	8.05E-02	0.004433	0.00029	0.143068	1.39E-06	0.147792
418	488919.6	3856600.76	2.15316	3.50757	2.76983	2.12902	4.05E-03	0.00031	0.06015	2.4E-06	0.06451	4.96E-03	0.000377	0.074081	1.33E-06	7.94E-02	0.004372	0.00029	0.141069	1.38E-06	0.145732
419	488819.6	3856650.76	2.25696	3.66722	2.88371	2.25612	4.24E-03	0.00032	0.06262	2.5E-06	0.06719	5.20E-03	0.000394	0.077127	1.41E-06	8.27E-02	0.004582	0.000303	0.146869	1.46E-06	0.151756
420	488869.6	3856650.76	2.21562	3.65679	2.8437	2.22974	4.16E-03	0.00032	0.06175	2.5E-06	0.06624	5.10E-03	0.000393	0.076057	1.39E-06	8.16E-02	0.004499	0.000302	0.144831	1.44E-06	0.149634
421	488819.6	3856700.76	2.2638	3.7838	2.91945	2.34078	4.25E-03	0.00033	0.0634	2.6E-06	0.06799	5.21E-03	0.000407	0.078083	1.46E-06	8.37E-02	0.004596	0.000313	0.148689	1.51E-06	0.1536
422	488869.6	3856700.76	2.22546	3.72879	2.87918	2.29552	4.18E-03	0.00033	0.06252	2.6E-06	0.06704	5.12E-03	0.000401	0.077006	1.44E-06	8.25E-02	0.004519	0.000308	0.146638	1.48E-06	0.151467
423	488819.6	3856750.76	2.27137	3.82518	2.95552	2.3858	4.27E-03	0.00034	0.06418	2.7E-06	0.06879	5.23E-03	0.000411	0.079047	1.49E-06	8.47E-02	0.004612	0.000316	0.150526	1.54E-06	0.155456

424	488869.6	3856750.76	2.23635	3.7694	2.91132	2.3572	4.20E-03	0.00033	0.06322	2.6E-06	0.06776	5.15E-03	0.000405	0.077865	1.47E-06	8.34E-02	0.004541	0.000312	0.148275	1.52E-06	0.153129
425	488819.6	3857050.76	2.19072	5.11853	2.88093	2.98924	4.12E-03	0.00045	0.06256	3.3E-06	0.06713	5.04E-03	0.00055	0.077052	1.87E-06	8.26E-02	0.004448	0.000423	0.146727	1.93E-06	0.151601
426	488869.6	3857050.76	2.14985	5.02652	2.81512	2.95512	4.04E-03	0.00044	0.06113	3.3E-06	0.06562	4.95E-03	0.00054	0.075292	1.85E-06	8.08E-02	0.004365	0.000416	0.143376	1.91E-06	0.148158
427	488919.6	3857050.76	2.10803	4.93832	2.76285	2.91303	3.96E-03	0.00043	0.06	3.3E-06	0.0644	4.85E-03	0.000531	0.073894	1.82E-06	7.93E-02	0.00428	0.000408	0.140714	1.88E-06	0.145404
428	488819.6	3857100.76	2.22188	5.37068	2.81968	3.09288	4.18E-03	0.00047	0.06123	3.5E-06	0.06588	5.12E-03	0.000577	0.075414	1.93E-06	8.11E-02	0.004511	0.000444	0.143608	2E-06	0.148565
429	488869.6	3857100.76	2.15265	5.23181	2.76884	3.04679	4.05E-03	0.00046	0.06013	3.4E-06	0.06464	4.96E-03	0.000562	0.074054	1.91E-06	7.96E-02	0.004371	0.000433	0.141019	1.97E-06	0.145824
430	488919.6	3857100.76	2.10179	5.08758	2.71694	3.0122	3.95E-03	0.00045	0.059	3.4E-06	0.0634	4.84E-03	0.000547	0.072666	1.88E-06	7.81E-02	0.004267	0.000421	0.138375	1.95E-06	0.143065
431	488819.6	3857150.76	2.2482	5.62647	2.74577	3.19712	4.22E-03	0.00049	0.05963	3.6E-06	0.06435	5.18E-03	0.000605	0.073437	2E-06	7.92E-02	0.004565	0.000465	0.139844	2.07E-06	0.144876
432	488869.6	3857150.76	2.19913	5.45202	2.69433	3.15535	4.13E-03	0.00048	0.05851	3.5E-06	0.06312	5.06E-03	0.000586	0.072062	1.97E-06	7.77E-02	0.004465	0.000451	0.137224	2.04E-06	0.142142
433	488919.6	3857150.76	2.15553	5.29042	2.64707	3.10774	4.05E-03	0.00046	0.05748	3.5E-06	0.062	4.96E-03	0.000569	0.070798	1.94E-06	7.63E-02	0.004377	0.000438	0.134817	2.01E-06	0.139633
434	488969.6	3857150.76	2.08302	5.13401	2.60118	3.06282	3.91E-03	0.00045	0.05649	3.4E-06	0.06086	4.80E-03	0.000552	0.06957	1.92E-06	7.49E-02	0.004229	0.000425	0.13248	1.98E-06	0.137135
435	488819.6	3857200.76	2.21737	5.63853	2.67489	3.30492	4.17E-03	0.00049	0.05809	3.7E-06	0.06275	5.11E-03	0.000606	0.071542	2.07E-06	7.73E-02	0.004502	0.000466	0.136234	2.13E-06	0.141204
436	488869.6	3857200.76	2.17186	5.43678	2.61331	3.26233	4.08E-03	0.00048	0.05675	3.6E-06	0.06131	5.00E-03	0.000584	0.069895	2.04E-06	7.55E-02	0.00441	0.00045	0.133097	2.11E-06	0.137959
437	488919.6	3857200.76	2.12974	5.24901	2.561	3.21342	4.00E-03	0.00046	0.05561	3.6E-06	0.06008	4.90E-03	0.000564	0.068496	2.01E-06	7.40E-02	0.004324	0.000434	0.130433	2.08E-06	0.135194
438	488969.6	3857200.76	2.09571	5.08299	2.51352	3.15789	3.94E-03	0.00045	0.05458	3.5E-06	0.05897	4.83E-03	0.000546	0.067226	1.98E-06	7.26E-02	0.004255	0.00042	0.128015	2.04E-06	0.132692
439	488819.6	3857250.76	2.23624	5.88877	2.62596	3.40814	4.20E-03	0.00052	0.05703	3.8E-06	0.06175	5.15E-03	0.000633	0.070233	2.13E-06	7.60E-02	0.00454	0.000487	0.133742	2.2E-06	0.138771
440	488869.6	3857250.76	2.19142	5.66295	2.5698	3.35871	4.12E-03	0.0005	0.05581	3.8E-06	0.06042	5.05E-03	0.000609	0.068731	2.1E-06	7.44E-02	0.004449	0.000468	0.130881	2.17E-06	0.135801
441	488919.6	3857250.76	2.14834	5.45081	2.51656	3.30851	4.04E-03	0.00048	0.05465	3.7E-06	0.05917	4.95E-03	0.000586	0.067307	2.07E-06	7.28E-02	0.004362	0.000451	0.12817	2.14E-06	0.132985
442	488969.6	3857250.76	2.10699	5.2514	2.46961	3.25711	3.96E-03	0.00046	0.05363	3.6E-06	0.05805	4.85E-03	0.000565	0.066051	2.04E-06	7.15E-02	0.004278	0.000434	0.125779	2.1E-06	0.130493
443	488819.6	3857300.76	2.23286	5.82156	2.61087	3.52192	4.20E-03	0.00051	0.0567	3.9E-06	0.06141	5.14E-03	0.000626	0.069829	2.2E-06	7.56E-02	0.004534	0.000481	0.132973	2.28E-06	0.13799
444	488869.6	3857300.76	2.19275	5.56926	2.54246	3.46611	4.12E-03	0.00049	0.05521	3.9E-06	0.05983	5.05E-03	0.000599	0.068	2.17E-06	7.37E-02	0.004452	0.000461	0.129489	2.24E-06	0.134404
445	488919.6	3857300.76	2.15273	5.34037	2.49218	3.41559	4.05E-03	0.00047	0.05412	3.8E-06	0.05864	4.96E-03	0.000574	0.066655	2.14E-06	7.22E-02	0.004371	0.000442	0.126928	2.21E-06	0.131743
446	488819.6	3857450.76	2.20593	5.9381	2.38195	4.00481	4.15E-03	0.00052	0.05173	4.5E-06	0.0564	5.08E-03	0.000638	0.063707	2.5E-06	6.94E-02	0.004479	0.000491	0.121314	2.59E-06	0.126287
447	488869.6	3857450.76	2.1568	5.68457	2.35822	3.93516	4.05E-03	0.0005	0.05121	4.4E-06	0.05577	4.97E-03	0.000611	0.063072	2.46E-06	6.87E-02	0.004379	0.00047	0.120105	2.54E-06	0.124957
448	488919.6	3857450.76	2.10934	5.42981	2.29048	3.88506	3.96E-03	0.00048	0.04974	4.3E-06	0.05418	4.86E-03	0.000584	0.06126	2.43E-06	6.67E-02	0.004283	0.000449	0.116655	2.51E-06	0.12139
449	488819.6	3857500.76	2.20789	6.17316	2.3496	4.10608	4.15E-03	0.00054	0.05102	4.6E-06	0.05572	5.08E-03	0.000664	0.062842	2.57E-06	6.86E-02	0.004483	0.000511	0.119666	2.65E-06	0.124662
450	488869.6	3857500.76	2.15252	5.91109	2.23013	4.03025	4.05E-03	0.00052	0.04843	4.5E-06	0.053	4.96E-03	0.000635	0.059646	2.52E-06	6.52E-02	0.00437	0.000489	0.113582	2.6E-06	0.118444
451	488919.6	3857500.76	2.1001	5.63992	2.1864	3.89443	3.95E-03	0.00049	0.04748	4.4E-06	0.05193	4.84E-03	0.000606	0.058477	2.44E-06	6.39E-02	0.004264	0.000466	0.111355	2.52E-06	0.116088
452	488819.6	3857550.76	2.21818	5.96714	2.35329	4.16401	4.17E-03	0.00052	0.0511	4.7E-06	0.0558	5.11E-03	0.000641	0.06294	2.6E-06	6.87E-02	0.004504	0.000493	0.119854	2.69E-06	0.124854
453	488869.6	3857550.76	2.16102	5.74535	2.27381	4.06999	4.06E-03	0.0005	0.04938	4.5E-06	0.05395	4.98E-03	0.000618	0.060815	2.55E-06	6.64E-02	0.004388	0.000475	0.115806	2.63E-06	0.120672
454	488919.6	3857550.76	2.10207	5.52246	2.16993	3.99352	3.95E-03	0.00048	0.04712	4.5E-06	0.05156	4.84E-03	0.000594	0.058036	2.5E-06	6.35E-02	0.004268	0.000457	0.110516	2.58E-06	0.115243
455	489663.71	3860900.05	0.55629	0.71417	0.5614	0.90287	1.05E-03	6.3E-05	0.01219	1E-06	0.0133	1.28E-03	7.68E-05	0.015015	5.65E-07	1.64E-02	0.001129	5.91E-05	0.028592	5.83E-07	0.029782
456	489813.71	3860900.05	0.56909	0.66911	0.55326	0.85687	1.07E-03	5.9E-05	0.01201	9.6E-07	0.01314	1.31E-03	7.19E-05	0.014797	5.36E-07	1.62E-02	0.001155	5.53E-05	0.028178	5.54E-07	0.029389
457	489863.71	3860900.05	0.57043	0.7104	0.54049	0.8773	1.07E-03	6.2E-05	0.01174	9.8E-07	0.01287	1.31E-03	7.64E-05	0.014456	5.49E-07	1.58E-02	0.001158	5.87E-05	0.027527	5.67E-07	0.028745
458	489913.71	3860900.05	0.57185	0.72962	0.55261	0.91028	1.07E-03	6.4E-05	0.012	1E-06	0.01314	1.32E-03	7.84E-05	0.01478	5.69E-07	1.62E-02	0.001161	6.03E-05	0.028145	5.88E-07	0.029367
459	489963.71	3860900.05	0.55358	0.70964	0.54727	0.91231	1.04E-03	6.2E-05	0.01188	1E-06	0.01299	1.27E-03	7.63E-05	0.014637	5.71E-07	1.60E-02	0.001124	5.87E-05	0.027873	5.89E-07	0.029056
460	490013.71	3860900.05	0.5661	0.68538	0.54536	0.89091	1.06E-03	6E-05	0.01184	1E-06	0.01297	1.30E-03	7.37E-05	0.014586	5.57E-07	1.60E-02	0.001149	5.67E-05	0.027775	5.75E-07	0.028982
461	490063.71	3860900.05	0.58043	0.65583	0.53846	0.87335	1.09E-03	5.8E-05	0.01169	9.8E-07	0.01284	1.34E-03	7.05E-05	0.014401	5.46E-07	1.58E-02	0.001178	5.42E-05	0.027424	5.64E-07	0.028657
462	489663.71	3860950.05	0.54297	0.715	0.55358	0.88967	1.02E-03	6.3E-05	0.01202	9.9E-07	0.01311	1.25E-03	7.69E-05	0.014806	5.56E-07	1.61E-02	0.001102	5.91E-05	0.028194	5.75E-07	0.029356
463	489813.71	3860950.05	0.55648	0.64069	0.54075	0.82532	1.05E-03	5.6E-05	0.01174	9.2E-07	0.01285	1.28E-03	6.89E-05	0.014463	5.16E-07	1.58E-02	0.00113	5.3E-05	0.027541	5.33E-07	0.028724
464	489863.71	3860950.05	0.5585	0.66618	0.54323	0.85027	1.05E-03	5.8E-05	0.0118	9.5E-07	0.01291	1.29E-03	7.16E-05	0.014529	5.32E-07	1.59E-02	0.001134	5.51E-05	0.027667	5.49E-07	0.028857
465	489913.71	3860950.05	0.5607	0.70774	0.52629	0.86986	1.05E-03	6.2E-05	0.01143	9.7E-07	0.01255	1.29E-03	7.61E-05	0.014076	5.44E-07	1.54E-02	0.001138	5.85E-05	0.026804	5.62E-07	0.028002
466	489963.71	3860950.05	0.56016	0.70705	0.53995	0.90329	1.05E-03	6.2E-05	0.01173	1E-06	0.01284	1.29E-03	7.6E-05	0.014441	5.65E-07	1.58E-02	0.001137	5.85E-05	0.0275	5.83E-07	0.028696
467	490013.71	3860950.05	0.54998	0.69135	0.53592	0.88464	1.03E-03	6.1E-05	0.01164	9.9E-07	0.01273	1.27E-03	7.43E-05	0.014334	5.53E-07	1.57E-02	0.001117	5.72E-05	0.027295	5.71E-07	0.028469
468	490063.71	3860950.05	0.55694	0.66531	0.53505	0.87451	1.05E-03	5.8E-05	0.01162	9.8E-07	0.01273	1.28E-03	7.15E-05	0.01431	5.47E-07	1.57E-02	0.001131	5.5E-05	0.02725	5.65E-07	0.028437
469	489513.71	3861000.05	0.51561	0.6978	0.56901	0.92586	9.69E-04	6.1E-05	0.01236	1E-06	0.01339	1.19E-03	7.5E-05	0.015219	5.79E-07	1.65E-02	0.001047	5.77E-05	0.02898	5.98E-07	0.030085
470	489563.71	3861000.05	0.52046	0.70352	0.55404	0.94797	9.78E-04	6.2E-05	0.01203	1.1E-06	0.01307	1.20E-03	7.56E-05	0.014818	5.93E-07	1.61E-02	0.001057	5.82E-05	0.028218	6.12E-07	0.029333
471	489613.71	3861000.05	0.52569	0.72376	0.55201	0.93932	9.88E-04	6.3E-05	0.01199	1E-06	0.01304	1.21E-03	7.78E-05	0.014764	5.87E-07	1.61E-02	0.001067	5.99E-05	0.028114	6.07E-07	0.029242
472	489663.71	3861000.05	0.53037	0.71367	0.54663	0.91364	9.97E-04	6.3E-05	0.01187	1E-06	0.01293	1.22E-03	7.67E-05	0.01462	5.71E-07	1.59E-02	0.001077	5.9E-05	0.02784	5.9E-07	0.028977
473	489713.71	3861000.05	0.53454	0.69625	0.54271	0.86142	1.00E-03	6.1E-05	0.01179	9.6E-07	0.01285	1.23E-03	7.48E-05	0.014515	5.39E-07	1.58E-02	0.001085	5.76E-05	0.027641	5.56E-07	0.028784
474	489763.71	3861000.05	0.53896	0.67276	0.5405	0.85769	1.01E-03	5.9E-05	0.01174	9.6E-07	0.01281	1.24E-03	7.23E-05	0.014456	5.36E-07	1.58E-02	0.001094	5.56E-05	0.027528	5.54E-07	0.028678
475	489813.71	3861000.05	0.54416	0.66074	0.54001	0.81845	1.02E-03	5.8E-05	0.01173	9.1E-07	0.01281	1.25E-03	7.1E-05	0.014443	5.12E-07	1.58E-02	0.001105	5.46E-05	0.027503	5.29E-07	0.028663
476	489863.71	3861000.05	0.54673	0.62445	0.53072	0.82052	1.03E-03	5.5E-05	0.01153	9.2E-07	0.01261	1.26E-03	6.71E-05	0.014194	5.13E-07	1.55E-02	0.00111	5.16E-05	0.02703	5.3E-07	0.028192
477	489913.71	3861000.05	0.54979	0.6654	0.5351	0.84487	1.03E-03	5.8E-05	0.01162	9.4E-07	0.01271	1.27E-03	7.15E-05	0.014312	5.28E-07	1.56E-02	0.001116	5.5E-05	0.027253	5.46E-07	0.028425
478	489963.71	3861000.05	0.5501	0.70334	0.51143	0.86093	1.03E-03	6.2E-05	0.01111	9.6E-07	0.0122	1.27E-03	7.56E-05	0.013679	5.38E-07	1.50E-02	0.001117	5.82E-05	0.026047	5.56E-07	0.027223
479	490013.71	3861000.05	0.54775	0.68739	0.52875	0.88144	1.03E-03	6E-05	0.01148	9.8E-07	0.01257	1.26E-03	7.39E-05	0.014142	5.51E-07	1.55E-02	0.001112	5.68E-05	0.02693	5.69E-07	0.028099
480	490063.71	3861000.05	0.54599	0.67371	0.52468	0.86921	1.03E-03	5.9E-05	0.01139	9.7E-07	0.01248	1.26E-03	7.24E-05	0.014033	5.44E-07	1.54E-02	0.001109	5.57E-05	0.026722	5.61E-07	0.027887
481	489513.71	3861050.05	0.50362	0.7004	0.5521	0.89381	9.46E-04	6.1E-05	0.01199	1E-06	0.013	1.16E-03	7.53E-05	0.014766	5.59E-07	1.60E-02	0.001023	5.79E-05	0.028119	5.77E-07	0.0292
482	489563.71	3861050.05	0.50851	0.68323	0.5568	0.91833	9.56E-04	6E-05	0.01209	1E-06	0.01311	1.17E-03	7.34E-05	0.014892	5.74E-07	1.61E-02	0.001032	5.65E-05	0.028358	5.93E-07	0.029448
483	489613.71	3861050.05	0.51429	0.70834	0.54807	0.93663	9.66E-04	6.2E-05	0.0119	1E-06	0.01293	1.18E-03	7.61E-05	0.014659	5.86E-07	1.59E-02	0.001044	5.86E-05	0.027914	6.05E-07	0.029017
484	489663.71	3861050.05	0.51802	0.70901	0.53983	0.92067	9.73E-04	6.2E-05	0.01172	1E-06	0.01276	1.19E-03	7.62E-05	0.014438	5.76E-07	1.57E-02	0.001052	5.86E-05	0.027494	5.95E-07	0.028605

485	489713.71	3861050.05	0.52196	0.6961	0.53671	0.88051	9.81E-04	6.1E-05	0.01166	9.8E-07	0.0127	1.20E-03	7.48E-05	0.014355	5.51E-07	1.56E-02	0.00106	5.76E-05	0.027335	5.69E-07	0.028453
486	489763.71	3861050.05	0.52651	0.67817	0.53142	0.85727	9.89E-04	5.9E-05	0.01154	9.6E-07	0.01259	1.21E-03	7.29E-05	0.014213	5.36E-07	1.55E-02	0.001069	5.61E-05	0.027066	5.54E-07	0.028191
487	489813.71	3861050.05	0.53119	0.65392	0.52991	0.83361	9.98E-04	5.7E-05	0.01151	9.3E-07	0.01256	1.22E-03	7.03E-05	0.014173	5.21E-07	1.55E-02	0.001079	5.41E-05	0.026989	5.38E-07	0.028122
488	489863.71	3861050.05	0.53475	0.63579	0.52802	0.79199	1.00E-03	5.6E-05	0.01147	8.8E-07	0.01253	1.23E-03	6.83E-05	0.014122	4.95E-07	1.54E-02	0.001086	5.26E-05	0.026892	5.12E-07	0.028031
489	489913.71	3861050.05	0.53782	0.62374	0.52236	0.81616	1.01E-03	5.5E-05	0.01134	9.1E-07	0.01241	1.24E-03	6.71E-05	0.013971	5.1E-07	1.53E-02	0.001092	5.16E-05	0.026604	5.27E-07	0.027748
490	489963.71	3861050.05	0.53963	0.66215	0.52391	0.83775	1.01E-03	5.8E-05	0.01138	9.4E-07	0.01245	1.24E-03	7.12E-05	0.014012	5.24E-07	1.53E-02	0.001096	5.48E-05	0.026683	5.41E-07	0.027834
491	490013.71	3861050.05	0.54087	0.68884	0.50705	0.85311	1.02E-03	6E-05	0.01101	9.5E-07	0.01209	1.25E-03	7.41E-05	0.013561	5.34E-07	1.49E-02	0.001098	5.7E-05	0.025824	5.51E-07	0.02698
492	490063.71	3861050.05	0.53403	0.66926	0.51818	0.85912	1.00E-03	5.9E-05	0.01125	9.6E-07	0.01232	1.23E-03	7.19E-05	0.013859	5.37E-07	1.52E-02	0.001084	5.53E-05	0.026391	5.55E-07	0.027531
493	489513.71	3861100.05	0.4927	0.69646	0.53703	0.8619	9.26E-04	6.1E-05	0.01166	9.6E-07	0.01265	1.13E-03	7.49E-05	0.014363	5.39E-07	1.56E-02	0.001	5.76E-05	0.027351	5.57E-07	0.02841
494	489563.71	3861100.05	0.49663	0.6806	0.54547	0.88738	9.33E-04	6E-05	0.01185	9.9E-07	0.01284	1.14E-03	7.32E-05	0.014589	5.55E-07	1.58E-02	0.001008	5.63E-05	0.027781	5.73E-07	0.028846
495	489613.71	3861100.05	0.49996	0.66662	0.54178	0.90862	9.40E-04	5.8E-05	0.01177	1E-06	0.01276	1.15E-03	7.17E-05	0.01449	5.68E-07	1.57E-02	0.001015	5.51E-05	0.027593	5.87E-07	0.028664
496	489663.71	3861100.05	0.50467	0.69937	0.5329	0.91689	9.48E-04	6.1E-05	0.01157	1E-06	0.01258	1.16E-03	7.52E-05	0.014253	5.73E-07	1.55E-02	0.001025	5.78E-05	0.027141	5.92E-07	0.028224
497	489713.71	3861100.05	0.51318	0.69189	0.5266	0.89971	9.64E-04	6.1E-05	0.01144	1E-06	0.01246	1.18E-03	7.44E-05	0.014084	5.63E-07	1.53E-02	0.001042	5.72E-05	0.02682	5.81E-07	0.02792
498	489763.71	3861100.05	0.51365	0.67846	0.52548	0.84788	9.65E-04	6E-05	0.01141	9.5E-07	0.01244	1.18E-03	7.29E-05	0.014054	5.3E-07	1.53E-02	0.001043	5.61E-05	0.026763	5.48E-07	0.027863
499	489813.71	3861100.05	0.51835	0.65947	0.52015	0.83623	9.74E-04	5.8E-05	0.0113	9.3E-07	0.01233	1.19E-03	7.09E-05	0.013912	5.23E-07	1.52E-02	0.001052	5.45E-05	0.026492	5.4E-07	0.027599
500	489863.71	3861100.05	0.52325	0.63492	0.51931	0.80954	9.83E-04	5.6E-05	0.01128	9E-07	0.01232	1.20E-03	6.83E-05	0.013889	5.06E-07	1.52E-02	0.001062	5.25E-05	0.026449	5.23E-07	0.027564
501	489913.71	3861100.05	0.52603	0.61228	0.517	0.7852	9.89E-04	5.4E-05	0.01123	8.8E-07	0.01227	1.21E-03	6.58E-05	0.013828	4.91E-07	1.51E-02	0.001068	5.06E-05	0.026331	5.07E-07	0.02745
502	489963.71	3861100.05	0.52876	0.62244	0.51401	0.81103	9.94E-04	5.5E-05	0.01116	9.1E-07	0.01221	1.22E-03	6.69E-05	0.013748	5.07E-07	1.50E-02	0.001074	5.15E-05	0.026179	5.24E-07	0.027304
503	490013.71	3861100.05	0.52978	0.65891	0.5127	0.83038	9.96E-04	5.8E-05	0.01113	9.3E-07	0.01219	1.22E-03	7.08E-05	0.013713	5.19E-07	1.50E-02	0.001076	5.45E-05	0.026112	5.36E-07	0.027243
504	490063.71	3861100.05	0.52991	0.66737	0.50342	0.84535	9.96E-04	5.9E-05	0.01093	9.4E-07	0.01199	1.22E-03	7.17E-05	0.013464	5.29E-07	1.48E-02	0.001076	5.52E-05	0.025639	5.46E-07	0.026771
505	489713.71	3861150.05	0.49707	0.68536	0.52047	0.89899	9.34E-04	6E-05	0.0113	1E-06	0.0123	1.14E-03	7.37E-05	0.01392	5.62E-07	1.51E-02	0.001009	5.67E-05	0.026508	5.81E-07	0.027574
506	489763.71	3861150.05	0.50715	0.67656	0.51893	0.87121	9.53E-04	5.9E-05	0.01127	9.7E-07	0.01228	1.17E-03	7.27E-05	0.013879	5.45E-07	1.51E-02	0.00103	5.6E-05	0.026429	5.63E-07	0.027516
507	489813.71	3861150.05	0.50627	0.6622	0.51489	0.81566	9.51E-04	5.8E-05	0.01118	9.1E-07	0.01219	1.17E-03	7.12E-05	0.013771	5.1E-07	1.50E-02	0.001028	5.48E-05	0.026224	5.27E-07	0.027307
508	489863.71	3861150.05	0.51042	0.64131	0.50932	0.80942	9.59E-04	5.6E-05	0.01106	9E-07	0.01208	1.18E-03	6.89E-05	0.013622	5.06E-07	1.49E-02	0.001036	5.3E-05	0.02594	5.23E-07	0.02703
509	489913.71	3861150.05	0.514	0.62926	0.50748	0.78412	9.66E-04	5.5E-05	0.01102	8.8E-07	0.01204	1.18E-03	6.76E-05	0.013573	4.9E-07	1.48E-02	0.001044	5.2E-05	0.025846	5.07E-07	0.026942
510	489963.71	3861150.05	0.5168	0.58918	0.50565	0.78084	9.71E-04	5.2E-05	0.01098	8.7E-07	0.012	1.19E-03	6.33E-05	0.013524	4.88E-07	1.48E-02	0.001049	4.87E-05	0.025753	5.04E-07	0.026852
511	490013.71	3861150.05	0.51875	0.61944	0.5037	0.80468	9.75E-04	5.4E-05	0.01094	9E-07	0.01197	1.19E-03	6.66E-05	0.013472	5.03E-07	1.47E-02	0.001053	5.12E-05	0.025654	5.2E-07	0.026759
512	490063.71	3861150.05	0.52027	0.65575	0.5021	0.82279	9.78E-04	5.8E-05	0.0109	9.2E-07	0.01194	1.20E-03	7.05E-05	0.013429	5.15E-07	1.47E-02	0.001056	5.42E-05	0.025572	5.31E-07	0.026683
513	489613.71	3861200.05	0.47565	0.65786	0.51994	0.84651	8.94E-04	5.8E-05	0.01129	9.5E-07	0.01224	1.10E-03	7.07E-05	0.013906	5.29E-07	1.51E-02	0.000966	5.44E-05	0.026481	5.47E-07	0.027502
514	489663.71	3861200.05	0.48065	0.64618	0.52565	0.87054	9.03E-04	5.7E-05	0.01142	9.7E-07	0.01238	1.11E-03	6.95E-05	0.014059	5.44E-07	1.52E-02	0.000976	5.34E-05	0.026772	5.62E-07	0.027802
515	489713.71	3861200.05	0.48537	0.67009	0.51598	0.89107	9.12E-04	5.9E-05	0.01121	1E-06	0.01218	1.12E-03	7.2E-05	0.0138	5.57E-07	1.50E-02	0.000985	5.54E-05	0.026279	5.76E-07	0.027321
516	489763.71	3861200.05	0.48985	0.67167	0.50878	0.88098	9.21E-04	5.9E-05	0.01105	9.8E-07	0.01203	1.13E-03	7.22E-05	0.013608	5.51E-07	1.48E-02	0.000995	5.55E-05	0.025912	5.69E-07	0.026963
517	489813.71	3861200.05	0.49585	0.66147	0.51293	0.84038	9.32E-04	5.8E-05	0.01114	9.4E-07	0.01213	1.14E-03	7.11E-05	0.013719	5.26E-07	1.49E-02	0.001007	5.47E-05	0.026124	5.43E-07	0.027186
518	489863.71	3861200.05	0.49903	0.64601	0.50433	0.80524	9.38E-04	5.7E-05	0.01095	9E-07	0.01195	1.15E-03	6.94E-05	0.013489	5.04E-07	1.47E-02	0.001013	5.34E-05	0.025686	5.2E-07	0.026753
519	489913.71	3861200.05	0.50265	0.62342	0.49885	0.79922	9.45E-04	5.5E-05	0.01083	8.9E-07	0.01183	1.16E-03	6.7E-05	0.013342	5E-07	1.46E-02	0.001021	5.16E-05	0.025407	5.16E-07	0.026479
520	489963.71	3861200.05	0.50561	0.60695	0.49679	0.76145	9.50E-04	5.3E-05	0.01079	8.5E-07	0.01179	1.16E-03	6.52E-05	0.013287	4.76E-07	1.45E-02	0.001027	5.02E-05	0.025302	4.92E-07	0.026379
521	490013.71	3861200.05	0.50848	0.58272	0.49551	0.77725	9.56E-04	5.1E-05	0.01076	8.7E-07	0.01177	1.17E-03	6.26E-05	0.013253	4.86E-07	1.45E-02	0.001032	4.82E-05	0.025237	5.02E-07	0.026318
522	490063.71	3861200.05	0.51008	0.61784	0.49368	0.79907	9.59E-04	5.4E-05	0.01072	8.9E-07	0.01173	1.17E-03	6.64E-05	0.013204	5E-07	1.44E-02	0.001036	5.11E-05	0.025143	5.16E-07	0.026231
523	489513.71	3861250.05	0.45958	0.63432	0.48785	0.80921	8.64E-04	5.6E-05	0.01059	9E-07	0.01151	1.06E-03	6.82E-05	0.013048	5.06E-07	1.42E-02	0.000933	5.25E-05	0.024846	5.23E-07	0.025833
524	489563.71	3861250.05	0.45882	0.64116	0.49529	0.78612	8.62E-04	5.6E-05	0.01076	8.8E-07	0.01168	1.06E-03	6.89E-05	0.013247	4.92E-07	1.44E-02	0.000932	5.3E-05	0.025225	5.08E-07	0.026211
525	489613.71	3861250.05	0.46463	0.65896	0.50531	0.81548	8.73E-04	5.8E-05	0.01097	9.1E-07	0.01191	1.07E-03	7.08E-05	0.013515	5.1E-07	1.47E-02	0.000943	5.45E-05	0.025736	5.27E-07	0.026734
526	489663.71	3861250.05	0.46944	0.64559	0.51412	0.84081	8.82E-04	5.7E-05	0.01116	9.4E-07	0.0121	1.08E-03	6.94E-05	0.01375	5.26E-07	1.49E-02	0.000953	5.34E-05	0.026184	5.43E-07	0.027191
527	489713.71	3861250.05	0.47412	0.63274	0.51318	0.86334	8.91E-04	5.6E-05	0.01114	9.6E-07	0.01209	1.09E-03	6.8E-05	0.013725	5.4E-07	1.49E-02	0.000963	5.23E-05	0.026137	5.58E-07	0.027152
528	489763.71	3861250.05	0.47857	0.66486	0.50418	0.87956	8.99E-04	5.8E-05	0.01095	9.8E-07	0.01191	1.10E-03	7.15E-05	0.013485	5.5E-07	1.47E-02	0.000972	5.5E-05	0.025678	5.68E-07	0.026705
529	489813.71	3861250.05	0.48544	0.65807	0.50148	0.86194	9.12E-04	5.8E-05	0.01089	9.6E-07	0.01186	1.12E-03	7.07E-05	0.013412	5.39E-07	1.46E-02	0.000986	5.44E-05	0.025541	5.57E-07	0.026581
530	489863.71	3861250.05	0.48707	0.64614	0.50675	0.80986	9.15E-04	5.7E-05	0.011	9E-07	0.01198	1.12E-03	6.95E-05	0.013553	5.07E-07	1.47E-02	0.000989	5.34E-05	0.025809	5.23E-07	0.026852
531	489913.71	3861250.05	0.49132	0.62974	0.4932	0.80059	9.23E-04	5.5E-05	0.01071	8.9E-07	0.01169	1.13E-03	6.77E-05	0.013191	5.01E-07	1.44E-02	0.000998	5.21E-05	0.025119	5.17E-07	0.026169
532	489963.71	3861250.05	0.49499	0.60574	0.4887	0.77652	9.30E-04	5.3E-05	0.01061	8.7E-07	0.0116	1.14E-03	6.51E-05	0.013071	4.86E-07	1.43E-02	0.001005	5.01E-05	0.02489	5.02E-07	0.025945
533	490013.71	3861250.05	0.498	0.58617	0.48716	0.75296	9.36E-04	5.1E-05	0.01058	8.4E-07	0.01157	1.15E-03	6.3E-05	0.013029	4.71E-07	1.42E-02	0.001011	4.85E-05	0.024811	4.86E-07	0.025871
534	490063.71	3861250.05	0.49976	0.58134	0.48518	0.77278	9.39E-04	5.1E-05	0.01054	8.6E-07	0.01153	1.15E-03	6.25E-05	0.012976	4.83E-07	1.42E-02	0.001015	4.81E-05	0.02471	4.99E-07	0.025774
535	489528.13	3861308.47	0.44654	0.61755	0.48557	0.80559	8.39E-04	5.4E-05	0.01054	9E-07	0.01144	1.03E-03	6.64E-05	0.012987	5.04E-07	1.41E-02	0.000907	5.11E-05	0.02473	5.2E-07	0.025689
536	489578.13	3861308.47	0.44808	0.63148	0.48073	0.7834	8.42E-04	5.5E-05	0.01044	8.8E-07	0.01134	1.03E-03	6.79E-05	0.012857	4.9E-07	1.40E-02	0.00091	5.22E-05	0.024484	5.06E-07	0.025446
537	489628.13	3861308.47	0.45271	0.63858	0.49052	0.78569	8.51E-04	5.6E-05	0.01065	8.8E-07	0.01156	1.04E-03	6.86E-05	0.013119	4.91E-07	1.42E-02	0.000919	5.28E-05	0.024982	5.08E-07	0.025955
538	489678.13	3861308.47	0.45799	0.63803	0.49964	0.81269	8.61E-04	5.6E-05	0.01085	9.1E-07	0.01177	1.05E-03	6.86E-05	0.013363	5.08E-07	1.45E-02	0.00093	5.28E-05	0.025447	5.25E-07	0.02643
539	489728.13	3861308.47	0.4627	0.62771	0.50815	0.83645	8.70E-04	5.5E-05	0.01103	9.3E-07	0.01196	1.07E-03	6.75E-05	0.013591	5.23E-07	1.47E-02	0.000939	5.19E-05	0.02588	5.4E-07	0.026872
540	489778.13	3861308.47	0.46682	0.64084	0.49771	0.85664	8.77E-04	5.6E-05	0.01081	9.6E-07	0.01174	1.07E-03	6.89E-05	0.013312	5.36E-07	1.45E-02	0.000948	5.3E-05	0.025349	5.53E-07	0.02635
541	489678.13	3861358.47	0.44712	0.63661	0.48558	0.7819	8.40E-04	5.6E-05	0.01054	8.7E-07	0.01144	1.03E-03	6.84E-05	0.012987	4.89E-07	1.41E-02	0.000908	5.26E-05	0.024731	5.05E-07	0.025692
542	489728.13	3861358.47	0.45182	0.62613	0.49378	0.80723	8.49E-04	5.5E-05	0.01072	9E-07	0.01163	1.04E-03	6.73E-05	0.013206	5.05E-07	1.43E-02	0.000917	5.18E-05	0.025148	5.21E-07	0.026118
543	489528.13	3861408.47	0.44755	0.61537	0.48178	0.80091	8.41E-04	5.4E-05	0.01046	8.9E-07	0.01136	1.03E-03	6.62E-05	0.012886	5.01E-07	1.40E-02	0.000909	5.09E-05	0.024537	5.17E-07	0.025497
544	489578.13	3861408.47	0.43775	0.59819	0.47935	0.78766	8.23E-04	5.2E-05	0.01041	8.8E-07	0.01129	1.01E-03	6.43E-05	0.012821	4.93E-07	1.39E-02	0.000889	4.95E-05	0.024414	5.09E-07	0.025352
545	489628.13	3861408.47	0.43865	0.61296	0.46919	0.76981	8.24E-04	5.4E-05	0.01019	8.6E-07	0.01107	1.01E-03	6.59E-05	0.012549	4.81E-07	1.36E-02	0.000891	5.07E-05	0.023896	4.97E-07	0.024838

546	489678.13	3861408.47	0.43673	0.61682	0.47235	0.75116	8.21E-04	5.4E-05	0.01026	8.4E-07	0.01113	1.01E-03	6.63E-05	0.012633	4.7E-07	1.37E-02	0.000887	5.1E-05	0.024057	4.85E-07	0.024995
547	489728.13	3861408.47	0.44124	0.62201	0.48018	0.77755	8.29E-04	5.5E-05	0.01043	8.7E-07	0.01131	1.02E-03	6.69E-05	0.012843	4.86E-07	1.39E-02	0.000896	5.14E-05	0.024456	5.02E-07	0.025404
548	489528.13	3861458.47	0.44359	0.61765	0.47833	0.77723	8.34E-04	5.4E-05	0.01039	8.7E-07	0.01128	1.02E-03	6.64E-05	0.012793	4.86E-07	1.39E-02	0.000901	5.11E-05	0.024362	5.02E-07	0.025314
549	489578.13	3861458.47	0.44078	0.60116	0.47522	0.7925	8.28E-04	5.3E-05	0.01032	8.9E-07	0.0112	1.02E-03	6.46E-05	0.01271	4.96E-07	1.38E-02	0.000895	4.97E-05	0.024203	5.12E-07	0.025148
550	489628.13	3861458.47	0.42707	0.59678	0.46986	0.77376	8.03E-04	5.2E-05	0.0102	8.6E-07	0.01106	9.83E-04	6.42E-05	0.012567	4.84E-07	1.36E-02	0.000867	4.94E-05	0.02393	5E-07	0.024847
551	489678.13	3861458.47	0.42977	0.59989	0.45989	0.74892	8.08E-04	5.3E-05	0.00999	8.4E-07	0.01085	9.90E-04	6.45E-05	0.0123	4.68E-07	1.34E-02	0.000873	4.96E-05	0.023422	4.84E-07	0.024345
552	489728.13	3861458.47	0.43051	0.61444	0.46663	0.74698	8.09E-04	5.4E-05	0.01013	8.3E-07	0.011	9.91E-04	6.61E-05	0.01248	4.67E-07	1.35E-02	0.000874	5.08E-05	0.023766	4.83E-07	0.024691
553	489528.13	3861508.47	0.43878	0.61589	0.47335	0.75267	8.25E-04	5.4E-05	0.01028	8.4E-07	0.01116	1.01E-03	6.62E-05	0.01266	4.71E-07	1.37E-02	0.000891	5.09E-05	0.024108	4.86E-07	0.02505
554	489578.13	3861508.47	0.43671	0.60409	0.47184	0.77688	8.21E-04	5.3E-05	0.01025	8.7E-07	0.01112	1.01E-03	6.49E-05	0.01262	4.86E-07	1.37E-02	0.000887	5E-05	0.024031	5.02E-07	0.024968
555	489628.13	3861508.47	0.42965	0.58505	0.46759	0.77098	8.07E-04	5.1E-05	0.01015	8.6E-07	0.01101	9.89E-04	6.29E-05	0.012506	4.82E-07	1.36E-02	0.000872	4.84E-05	0.023815	4.98E-07	0.024736
556	489678.13	3861508.47	0.42264	0.59255	0.46032	0.75421	7.94E-04	5.2E-05	0.01	8.4E-07	0.01084	9.73E-04	6.37E-05	0.012312	4.72E-07	1.33E-02	0.000858	4.9E-05	0.023444	4.87E-07	0.024352
557	489728.13	3861508.47	0.421	0.5955	0.45396	0.72662	7.91E-04	5.2E-05	0.00986	8.1E-07	0.0107	9.69E-04	6.4E-05	0.012141	4.54E-07	1.32E-02	0.000855	4.92E-05	0.02312	4.69E-07	0.024025
558	489628.13	3861558.47	0.43025	0.59025	0.46549	0.77642	8.09E-04	5.2E-05	0.01011	8.7E-07	0.01097	9.91E-04	6.35E-05	0.01245	4.86E-07	1.35E-02	0.000874	4.88E-05	0.023708	5.02E-07	0.024631
559	489678.13	3861558.47	0.41701	0.5797	0.46483	0.7481	7.84E-04	5.1E-05	0.01009	8.4E-07	0.01093	9.60E-04	6.23E-05	0.012432	4.68E-07	1.35E-02	0.000847	4.79E-05	0.023674	4.83E-07	0.024569
560	489728.13	3861558.47	0.42099	0.58029	0.453	0.73615	7.91E-04	5.1E-05	0.00984	8.2E-07	0.01068	9.69E-04	6.24E-05	0.012116	4.6E-07	1.31E-02	0.000855	4.8E-05	0.023072	4.76E-07	0.023975
561	489357.08	3861015.81	0.49881	0.68391	0.52591	0.88822	9.37E-04	6E-05	0.01142	9.9E-07	0.01242	1.15E-03	7.35E-05	0.014066	5.56E-07	1.53E-02	0.001013	5.66E-05	0.026785	5.74E-07	0.027855
562	489407.08	3861015.81	0.4979	0.69644	0.5381	0.8512	9.36E-04	6.1E-05	0.01169	9.5E-07	0.01268	1.15E-03	7.49E-05	0.014392	5.32E-07	1.56E-02	0.001011	5.76E-05	0.027406	5.5E-07	0.028475
563	489457.08	3861015.81	0.5044	0.70997	0.54989	0.88339	9.48E-04	6.2E-05	0.01194	9.9E-07	0.01295	1.16E-03	7.63E-05	0.014707	5.53E-07	1.59E-02	0.001024	5.87E-05	0.028006	5.71E-07	0.02909
564	489357.08	3861065.81	0.497	0.6714	0.5208	0.87229	9.34E-04	5.9E-05	0.01131	9.7E-07	0.0123	1.14E-03	7.22E-05	0.013929	5.46E-07	1.51E-02	0.001009	5.55E-05	0.026525	5.63E-07	0.02759
565	489407.08	3861065.81	0.48779	0.67571	0.52089	0.857	9.17E-04	5.9E-05	0.01131	9.6E-07	0.01229	1.12E-03	7.26E-05	0.013932	5.36E-07	1.51E-02	0.00099	5.59E-05	0.026529	5.54E-07	0.027576
566	489457.08	3861065.81	0.49184	0.68244	0.53289	0.84822	9.24E-04	6E-05	0.01157	9.5E-07	0.01256	1.13E-03	7.34E-05	0.014253	5.31E-07	1.55E-02	0.000999	5.64E-05	0.02714	5.48E-07	0.028196
567	489357.08	3861115.81	0.49277	0.66897	0.51962	0.87026	9.26E-04	5.9E-05	0.01128	9.7E-07	0.01227	1.13E-03	7.19E-05	0.013898	5.44E-07	1.51E-02	0.001001	5.53E-05	0.026465	5.62E-07	0.027521
568	489407.08	3861115.81	0.48068	0.65693	0.51123	0.8539	9.03E-04	5.8E-05	0.0111	9.5E-07	0.01206	1.11E-03	7.06E-05	0.013673	5.34E-07	1.49E-02	0.000976	5.43E-05	0.026037	5.52E-07	0.027068
569	489457.08	3861115.81	0.48021	0.67355	0.51735	0.83176	9.02E-04	5.9E-05	0.01123	9.3E-07	0.0122	1.11E-03	7.24E-05	0.013837	5.2E-07	1.50E-02	0.000975	5.57E-05	0.026349	5.37E-07	0.02738
570	489407.08	3861165.81	0.48377	0.65313	0.5148	0.85494	9.09E-04	5.7E-05	0.01118	9.6E-07	0.01215	1.11E-03	7.02E-05	0.013769	5.35E-07	1.50E-02	0.000982	5.4E-05	0.026219	5.52E-07	0.027256
571	489457.08	3861165.81	0.47602	0.65381	0.50169	0.838	8.95E-04	5.7E-05	0.01089	9.4E-07	0.01185	1.10E-03	7.03E-05	0.013418	5.24E-07	1.46E-02	0.000967	5.41E-05	0.025551	5.41E-07	0.026572
572	489407.08	3861215.81	0.47676	0.6528	0.50712	0.84155	8.96E-04	5.7E-05	0.01101	9.4E-07	0.01197	1.10E-03	7.02E-05	0.013563	5.26E-07	1.47E-02	0.000968	5.4E-05	0.025828	5.44E-07	0.02685
573	489457.08	3861215.81	0.46817	0.63116	0.50055	0.83368	8.80E-04	5.5E-05	0.01087	9.3E-07	0.01181	1.08E-03	6.79E-05	0.013388	5.21E-07	1.45E-02	0.000951	5.22E-05	0.025493	5.39E-07	0.026497
574	489407.08	3861265.81	0.46916	0.65001	0.50112	0.81341	8.82E-04	5.7E-05	0.01088	9.1E-07	0.01182	1.08E-03	6.99E-05	0.013403	5.09E-07	1.46E-02	0.000953	5.38E-05	0.025522	5.25E-07	0.026529
575	489457.08	3861265.81	0.46551	0.63346	0.49694	0.83097	8.75E-04	5.6E-05	0.01079	9.3E-07	0.01172	1.07E-03	6.81E-05	0.013291	5.2E-07	1.44E-02	0.000945	5.24E-05	0.025309	5.37E-07	0.026308
576	489309.86	3861110.14	0.49727	0.68404	0.52465	0.84861	9.34E-04	6E-05	0.01139	9.5E-07	0.01239	1.15E-03	7.35E-05	0.014032	5.31E-07	1.53E-02	0.00101	5.66E-05	0.026721	5.48E-07	0.027787
577	489407.08	3861315.81	0.46348	0.63973	0.49602	0.78706	8.71E-04	5.6E-05	0.01077	8.8E-07	0.0117	1.07E-03	6.88E-05	0.013266	4.92E-07	1.44E-02	0.000941	5.29E-05	0.025263	5.08E-07	0.026257
578	489457.08	3861315.81	0.46114	0.63615	0.49404	0.81318	8.67E-04	5.6E-05	0.01073	9.1E-07	0.01165	1.06E-03	6.84E-05	0.013213	5.09E-07	1.43E-02	0.000936	5.26E-05	0.025162	5.25E-07	0.026151
579	488906.03	3861006.75	0.50559	0.6595	0.55618	0.78277	9.50E-04	5.8E-05	0.01208	8.7E-07	0.01309	1.16E-03	7.09E-05	0.014875	4.9E-07	1.61E-02	0.001027	5.45E-05	0.028327	5.06E-07	0.029408
580	488956.03	3861006.75	0.51184	0.63882	0.56535	0.81959	9.62E-04	5.6E-05	0.01228	9.2E-07	0.0133	1.18E-03	6.87E-05	0.015121	5.13E-07	1.64E-02	0.001039	5.28E-05	0.028794	5.29E-07	0.029886
581	488904.24	3861051.87	0.50334	0.67482	0.54022	0.7568	9.46E-04	5.9E-05	0.01173	8.5E-07	0.01274	1.16E-03	7.25E-05	0.014449	4.73E-07	1.57E-02	0.001022	5.58E-05	0.027514	4.89E-07	0.028592
582	488954.24	3861051.87	0.50418	0.634	0.55879	0.79165	9.47E-04	5.6E-05	0.01213	8.8E-07	0.01314	1.16E-03	6.82E-05	0.014945	4.95E-07	1.62E-02	0.001024	5.24E-05	0.028459	5.11E-07	0.029536
583	489004.24	3861051.87	0.51263	0.63973	0.55733	0.80033	9.63E-04	5.6E-05	0.0121	8.9E-07	0.01312	1.18E-03	6.88E-05	0.014906	5.01E-07	1.62E-02	0.001041	5.29E-05	0.028385	5.17E-07	0.029479
584	488804.24	3861101.87	0.46192	0.64351	0.50888	0.7208	8.68E-04	5.6E-05	0.01105	8.1E-07	0.01198	1.06E-03	6.92E-05	0.01361	4.51E-07	1.47E-02	0.000938	5.32E-05	0.025918	4.66E-07	0.026909
585	488854.24	3861101.87	0.4769	0.64501	0.51631	0.7202	8.96E-04	5.7E-05	0.01121	8E-07	0.01217	1.10E-03	6.93E-05	0.013809	4.5E-07	1.50E-02	0.000968	5.33E-05	0.026296	4.65E-07	0.027318
586	488904.24	3861101.87	0.48169	0.63988	0.51196	0.72233	9.05E-04	5.6E-05	0.01112	8.1E-07	0.01208	1.11E-03	6.88E-05	0.013693	4.52E-07	1.49E-02	0.000978	5.29E-05	0.026074	4.67E-07	0.027106
587	488954.24	3861101.87	0.48463	0.62974	0.53458	0.75725	9.11E-04	5.5E-05	0.01161	8.5E-07	0.01258	1.12E-03	6.77E-05	0.014298	4.74E-07	1.55E-02	0.000984	5.21E-05	0.027226	4.89E-07	0.028263
588	489004.24	3861101.87	0.48991	0.61163	0.5459	0.79186	9.21E-04	5.4E-05	0.01185	8.8E-07	0.01283	1.13E-03	6.58E-05	0.0146	4.95E-07	1.58E-02	0.000995	5.06E-05	0.027803	5.12E-07	0.028849
589	488804.24	3861151.87	0.43776	0.61853	0.48603	0.70671	8.23E-04	5.4E-05	0.01055	7.9E-07	0.01143	1.01E-03	6.65E-05	0.012999	4.42E-07	1.41E-02	0.000889	5.12E-05	0.024754	4.57E-07	0.025694
590	488854.24	3861151.87	0.45139	0.61312	0.49708	0.70443	8.48E-04	5.4E-05	0.01079	7.9E-07	0.0117	1.04E-03	6.59E-05	0.013295	4.41E-07	1.44E-02	0.000916	5.07E-05	0.025317	4.55E-07	0.026284
591	489129.49	3861187.55	0.4986	0.62302	0.53124	0.74623	9.37E-04	5.5E-05	0.01154	8.3E-07	0.01253	1.15E-03	6.7E-05	0.014208	4.67E-07	1.54E-02	0.001012	5.15E-05	0.027056	4.82E-07	0.028121
592	489179.49	3861187.55	0.52	0.6106	0.53055	0.75234	9.77E-04	5.4E-05	0.01152	8.4E-07	0.01255	1.20E-03	6.56E-05	0.01419	4.71E-07	1.55E-02	0.001056	5.05E-05	0.027021	4.86E-07	0.028128
593	488804.24	3861201.87	0.42197	0.59202	0.47115	0.69996	7.93E-04	5.2E-05	0.01023	7.8E-07	0.01108	9.72E-04	6.36E-05	0.012601	4.38E-07	1.36E-02	0.000857	4.9E-05	0.023996	4.52E-07	0.024902
594	488854.24	3861201.87	0.43507	0.59792	0.48344	0.6968	8.18E-04	5.2E-05	0.0105	7.8E-07	0.01137	1.00E-03	6.43E-05	0.01293	4.36E-07	1.40E-02	0.000883	4.94E-05	0.024622	4.5E-07	0.025555
595	489129.49	3861237.55	0.4794	0.61111	0.52063	0.72613	9.01E-04	5.4E-05	0.01131	8.1E-07	0.01226	1.10E-03	6.57E-05	0.013925	4.54E-07	1.51E-02	0.000973	5.05E-05	0.026516	4.69E-07	0.02754
596	489179.49	3861237.55	0.49956	0.62183	0.5273	0.74692	9.39E-04	5.5E-05	0.01145	8.3E-07	0.01245	1.15E-03	6.68E-05	0.014103	4.67E-07	1.53E-02	0.001014	5.14E-05	0.026856	4.82E-07	0.027922
597	488804.24	3861251.87	0.41476	0.5653	0.45671	0.69393	7.79E-04	5E-05	0.00992	7.8E-07	0.01075	9.55E-04	6.08E-05	0.012215	4.34E-07	1.32E-02	0.000842	4.67E-05	0.023261	4.48E-07	0.02415
598	488854.24	3861251.87	0.4204	0.58711	0.46921	0.69085	7.90E-04	5.2E-05	0.01019	7.7E-07	0.01103	9.68E-04	6.31E-05	0.012549	4.32E-07	1.36E-02	0.000854	4.86E-05	0.023897	4.46E-07	0.0248
599	488804.24	3861301.87	0.41129	0.55775	0.44062	0.68622	7.73E-04	4.9E-05	0.00957	7.7E-07	0.01039	9.47E-04	6E-05	0.011785	4.29E-07	1.28E-02	0.000835	4.61E-05	0.022441	4.43E-07	0.023323
600	488854.24	3861301.87	0.40598	0.57609	0.45478	0.68483	7.63E-04	5.1E-05	0.00988	7.7E-07	0.01069	9.35E-04	6.19E-05	0.012163	4.28E-07	1.32E-02	0.000824	4.76E-05	0.023162	4.42E-07	0.024035
601	490943.5	3860181.97	0.62064	0.7716	0.5941	0.96697	1.17E-03	6.8E-05	0.0129	1.1E-06	0.01414	1.43E-03	8.29E-05	0.01589	6.05E-07	1.74E-02	0.00126	6.38E-05	0.030258	6.25E-07	0.031582
602	490993.5	3860181.97	0.61318	0.74253	0.56537	0.95275	1.15E-03	6.5E-05	0.01228	1.1E-06	0.0135	1.41E-03	7.98E-05	0.015121	5.96E-07	1.66E-02	0.001245	6.14E-05	0.028795	6.15E-07	0.030102
603	491043.5	3860181.97	0.59499	0.74735	0.55551	0.94595	1.12E-03	6.6E-05	0.01206	1.1E-06	0.01325	1.37E-03	8.03E-05	0.014857	5.92E-07	1.63E-02	0.001208	6.18E-05	0.028292	6.11E-07	0.029563
604	491093.5	3860181.97	0.5919	0.76002	0.55983	0.94865	1.11E-03	6.7E-05	0.01216	1.1E-06	0.01334	1.36E-03	8.17E-05	0.014973	5.93E-07	1.64E-02	0.001202	6.29E-05	0.028512	6.13E-07	0.029778
605	490943.5	3860231.97	0.59033	0.78327	0.6129	0.97635	1.11E-03	6.9E-05	0.01331	1.1E-06	0.01449	1.36E-03	8.42E-05	0.016392	6.11E-07	1.78E-02	0.001199	6.48E-05	0.031215	6.31E-07	0.032479
606	490993.5	3860231.97	0.60144	0.77075	0.59064	0.94814	1.13E-03	6.8E-05	0.01283	1.1E-06	0.01403	1.39E-03	8.29E-05	0.015797	5.93E-07	1.73E-02	0.001221	6.37E-05	0.030082	6.12E-07	0.031367

607	491043.5	3860231.97	0.60253	0.72396	0.56257	0.92374	1.13E-03	6.4E-05	0.01222	1E-06	0.01341	1.39E-03	7.78E-05	0.015046	5.78E-07	1.65E-02	0.001223	5.99E-05	0.028652	5.97E-07	0.029936
608	491093.5	3860231.97	0.58197	0.73318	0.53956	0.93069	1.09E-03	6.4E-05	0.01172	1E-06	0.01288	1.34E-03	7.88E-05	0.014431	5.82E-07	1.59E-02	0.001182	6.06E-05	0.02748	6.01E-07	0.028723
609	490943.5	3860281.97	0.58309	0.80074	0.62619	0.99754	1.10E-03	7E-05	0.0136	1.1E-06	0.01477	1.34E-03	8.61E-05	0.016748	6.24E-07	1.82E-02	0.001184	6.62E-05	0.031892	6.44E-07	0.033143
610	490993.5	3860281.97	0.57665	0.76906	0.60721	0.96681	1.08E-03	6.7E-05	0.01319	1.1E-06	0.01434	1.33E-03	8.27E-05	0.01624	6.05E-07	1.77E-02	0.001171	6.36E-05	0.030926	6.25E-07	0.032161
611	491043.5	3860281.97	0.58069	0.75415	0.58461	0.92819	1.09E-03	6.6E-05	0.0127	1E-06	0.01385	1.34E-03	8.11E-05	0.015636	5.81E-07	1.71E-02	0.001179	6.24E-05	0.029775	6E-07	0.031017
612	491093.5	3860281.97	0.5879	0.71517	0.55864	0.89446	1.10E-03	6.3E-05	0.01213	1E-06	0.0133	1.35E-03	7.69E-05	0.014941	5.59E-07	1.64E-02	0.001194	5.91E-05	0.028452	5.78E-07	0.029705
613	490943.5	3860331.97	0.60139	0.80094	0.62892	1.01512	1.13E-03	7E-05	0.01366	1.1E-06	0.01486	1.38E-03	8.61E-05	0.016821	6.35E-07	1.83E-02	0.001221	6.62E-05	0.032031	6.56E-07	0.033319
614	490993.5	3860331.97	0.56891	0.77608	0.61545	0.9831	1.07E-03	6.8E-05	0.01337	1.1E-06	0.0145	1.31E-03	8.34E-05	0.016461	6.15E-07	1.79E-02	0.001155	6.42E-05	0.031345	6.35E-07	0.032565
615	491043.5	3860331.97	0.56146	0.75683	0.59828	0.95423	1.06E-03	6.6E-05	0.01299	1.1E-06	0.01411	1.29E-03	8.14E-05	0.016001	5.97E-07	1.74E-02	0.00114	6.26E-05	0.030471	6.16E-07	0.031674
616	491093.5	3860331.97	0.56023	0.7368	0.57761	0.91874	1.05E-03	6.5E-05	0.01254	1E-06	0.01366	1.29E-03	7.92E-05	0.015449	5.75E-07	1.68E-02	0.001137	6.09E-05	0.029418	5.93E-07	0.030617
617	490086.72	3859935.12	0.91895	1.08292	0.85541	1.46087	1.73E-03	9.5E-05	0.01858	1.6E-06	0.0204	2.12E-03	0.000116	0.022879	9.14E-07	2.51E-02	0.001866	8.96E-05	0.043567	9.44E-07	0.045523
618	490136.72	3859935.12	0.86848	1.05792	0.84695	1.38061	1.63E-03	9.3E-05	0.01839	1.5E-06	0.02012	2.00E-03	0.000114	0.022652	8.63E-07	2.48E-02	0.001763	8.75E-05	0.043136	8.92E-07	0.044987
619	490186.72	3859935.12	0.82884	1.04563	0.81773	1.30002	1.56E-03	9.2E-05	0.01776	1.5E-06	0.01941	1.91E-03	0.000112	0.021871	8.13E-07	2.39E-02	0.001683	8.65E-05	0.041647	8.4E-07	0.043418
620	490236.72	3859935.12	0.8435	1.06766	0.77494	1.31232	1.59E-03	9.4E-05	0.01683	1.5E-06	0.01851	1.94E-03	0.000115	0.020726	8.21E-07	2.28E-02	0.001713	8.83E-05	0.039468	8.48E-07	0.04127
621	490286.72	3859935.12	0.82371	1.09234	0.76433	1.38749	1.55E-03	9.6E-05	0.0166	1.6E-06	0.01824	1.90E-03	0.000117	0.020443	8.68E-07	2.25E-02	0.001672	9.03E-05	0.038928	8.96E-07	0.040691
622	490336.72	3859935.12	0.80717	1.07098	0.76472	1.38222	1.52E-03	9.4E-05	0.01661	1.5E-06	0.01822	1.86E-03	0.000115	0.020453	8.64E-07	2.24E-02	0.001639	8.86E-05	0.038948	8.93E-07	0.040676
623	490386.72	3859935.12	0.74275	1.04341	0.76017	1.33373	1.40E-03	9.2E-05	0.01651	1.5E-06	0.018	1.71E-03	0.000112	0.020331	8.34E-07	2.22E-02	0.001508	8.63E-05	0.038716	8.62E-07	0.040311
624	490436.72	3859935.12	0.73116	0.97977	0.74967	1.24298	1.37E-03	8.6E-05	0.01628	1.4E-06	0.01774	1.68E-03	0.000105	0.02005	7.77E-07	2.18E-02	0.001485	8.1E-05	0.038181	8.03E-07	0.039747
625	490486.72	3859935.12	0.71997	0.95097	0.734	1.17779	1.35E-03	8.3E-05	0.01594	1.3E-06	0.01738	1.66E-03	0.000102	0.019631	7.37E-07	2.14E-02	0.001462	7.86E-05	0.037383	7.61E-07	0.038924
626	490536.72	3859935.12	0.71402	0.93719	0.71861	1.16516	1.34E-03	8.2E-05	0.01561	1.3E-06	0.01703	1.64E-03	0.000101	0.01922	7.29E-07	2.10E-02	0.00145	7.75E-05	0.036599	7.53E-07	0.038127
627	490586.72	3859935.12	0.73151	0.92328	0.6921	1.10126	1.37E-03	8.1E-05	0.01503	1.2E-06	0.01649	1.68E-03	9.93E-05	0.018511	6.89E-07	2.03E-02	0.001485	7.64E-05	0.035249	7.11E-07	0.036811
628	490636.72	3859935.12	0.73534	0.86112	0.66239	1.06742	1.38E-03	7.6E-05	0.01438	1.2E-06	0.01584	1.69E-03	9.26E-05	0.017716	6.68E-07	1.95E-02	0.001493	7.12E-05	0.033736	6.9E-07	0.035301
629	490686.72	3859935.12	0.71471	0.86288	0.63153	1.07471	1.34E-03	7.6E-05	0.01371	1.2E-06	0.01513	1.65E-03	9.28E-05	0.016891	6.72E-07	1.86E-02	0.001451	7.14E-05	0.032164	6.94E-07	0.033687
630	490736.72	3859935.12	0.69545	0.87807	0.64121	1.08431	1.31E-03	7.7E-05	0.01392	1.2E-06	0.01531	1.60E-03	9.44E-05	0.01715	6.78E-07	1.88E-02	0.001412	7.26E-05	0.032657	7E-07	0.034143
631	490086.72	3859985.12	0.94731	1.11131	0.84454	1.49193	1.78E-03	9.7E-05	0.01834	1.7E-06	0.02022	2.18E-03	0.000119	0.022588	9.33E-07	2.49E-02	0.001923	9.19E-05	0.043013	9.64E-07	0.045029
632	490136.72	3859985.12	0.8946	1.06358	0.83383	1.43454	1.68E-03	9.3E-05	0.01811	1.6E-06	0.01988	2.06E-03	0.000114	0.022301	8.97E-07	2.45E-02	0.001816	8.8E-05	0.042467	9.27E-07	0.044373
633	490186.72	3859985.12	0.85507	1.03221	0.82701	1.35505	1.61E-03	9.1E-05	0.01796	1.5E-06	0.01966	1.97E-03	0.000111	0.022119	8.48E-07	2.42E-02	0.001736	8.54E-05	0.04212	8.75E-07	0.043942
634	490236.72	3859985.12	0.811	1.02186	0.80643	1.27401	1.52E-03	9E-05	0.01751	1.4E-06	0.01913	1.87E-03	0.00011	0.021569	7.97E-07	2.35E-02	0.001647	8.45E-05	0.041072	8.23E-07	0.042804
635	490286.72	3859985.12	0.82277	1.0333	0.76474	1.26327	1.55E-03	9.1E-05	0.01661	1.4E-06	0.01825	1.89E-03	0.000111	0.020453	7.9E-07	2.25E-02	0.001671	8.55E-05	0.038949	8.16E-07	0.040705
636	490336.72	3859985.12	0.79665	1.06998	0.74754	1.33725	1.50E-03	9.4E-05	0.01623	1.5E-06	0.01783	1.83E-03	0.000115	0.019993	8.36E-07	2.19E-02	0.001618	8.85E-05	0.038073	8.64E-07	0.039779
637	490386.72	3859985.12	0.80521	1.04866	0.74817	1.35318	1.51E-03	9.2E-05	0.01625	1.5E-06	0.01785	1.85E-03	0.000113	0.02001	8.46E-07	2.20E-02	0.001635	8.67E-05	0.038105	8.74E-07	0.039827
638	490436.72	3859985.12	0.72562	1.02241	0.74443	1.31284	1.36E-03	9E-05	0.01617	1.5E-06	0.01762	1.67E-03	0.00011	0.01991	8.21E-07	2.17E-02	0.001473	8.46E-05	0.037914	8.48E-07	0.039473
639	490486.72	3859985.12	0.71066	0.97718	0.73591	1.20305	1.34E-03	8.6E-05	0.01598	1.3E-06	0.0174	1.64E-03	0.000105	0.019682	7.52E-07	2.14E-02	0.001443	8.08E-05	0.03748	7.77E-07	0.039005
640	490536.72	3859985.12	0.70159	0.93024	0.72317	1.1641	1.32E-03	8.2E-05	0.0157	1.3E-06	0.01711	1.62E-03	0.0001	0.019342	7.28E-07	2.11E-02	0.001424	7.69E-05	0.036831	7.52E-07	0.038334
641	490586.72	3859985.12	0.69319	0.92198	0.71328	1.15099	1.30E-03	8.1E-05	0.01549	1.3E-06	0.01687	1.60E-03	9.91E-05	0.019077	7.2E-07	2.08E-02	0.001407	7.62E-05	0.036328	7.44E-07	0.037812
642	490636.72	3859985.12	0.70225	0.90316	0.68446	1.08987	1.32E-03	7.9E-05	0.01486	1.2E-06	0.01626	1.62E-03	9.71E-05	0.018306	6.82E-07	2.00E-02	0.001426	7.47E-05	0.03486	7.04E-07	0.036361
643	490686.72	3859985.12	0.71961	0.86727	0.66002	1.05987	1.35E-03	7.6E-05	0.01433	1.2E-06	0.01576	1.66E-03	9.32E-05	0.017653	6.63E-07	1.94E-02	0.001461	7.17E-05	0.033615	6.85E-07	0.035149
644	490736.72	3859985.12	0.69977	0.83684	0.62791	1.05047	1.32E-03	7.3E-05	0.01364	1.2E-06	0.01503	1.61E-03	9E-05	0.016794	6.57E-07	1.85E-02	0.001421	6.92E-05	0.03198	6.79E-07	0.03347
645	490786.72	3859985.12	0.67854	0.84862	0.62076	1.05374	1.28E-03	7.4E-05	0.01348	1.2E-06	0.01483	1.56E-03	9.12E-05	0.016603	6.59E-07	1.83E-02	0.001378	7.02E-05	0.031616	6.81E-07	0.033064
646	490086.72	3860035.12	0.93293	1.1324	0.83158	1.4621	1.75E-03	9.9E-05	0.01806	1.6E-06	0.01991	2.15E-03	0.000122	0.022241	9.14E-07	2.45E-02	0.001894	9.36E-05	0.042353	9.44E-07	0.044342
647	490136.72	3860035.12	0.93218	1.088	0.82408	1.45286	1.75E-03	9.5E-05	0.0179	1.6E-06	0.01974	2.15E-03	0.000117	0.022041	9.09E-07	2.43E-02	0.001893	9E-05	0.041971	9.39E-07	0.043954
648	490186.72	3860035.12	0.87172	1.04569	0.81372	1.40913	1.64E-03	9.2E-05	0.01767	1.6E-06	0.0194	2.01E-03	0.000112	0.021763	8.81E-07	2.39E-02	0.00177	8.65E-05	0.041443	9.1E-07	0.043301
649	490236.72	3860035.12	0.84134	1.00731	0.80737	1.33072	1.58E-03	8.8E-05	0.01753	1.5E-06	0.0192	1.94E-03	0.000108	0.021594	8.32E-07	2.36E-02	0.001708	8.33E-05	0.04112	8.6E-07	0.042912
650	490286.72	3860035.12	0.79089	0.99491	0.79235	1.25205	1.49E-03	8.7E-05	0.01721	1.4E-06	0.01878	1.82E-03	0.000107	0.021192	7.83E-07	2.31E-02	0.001606	8.23E-05	0.040355	8.09E-07	0.042044
651	490336.72	3860035.12	0.7927	0.99851	0.75351	1.21617	1.49E-03	8.8E-05	0.01636	1.4E-06	0.01794	1.83E-03	0.000107	0.020153	7.61E-07	2.21E-02	0.001609	8.26E-05	0.038377	7.86E-07	0.04007
652	490386.72	3860035.12	0.78324	1.04159	0.72932	1.28823	1.47E-03	9.1E-05	0.01584	1.4E-06	0.0174	1.80E-03	0.000112	0.019506	8.06E-07	2.14E-02	0.00159	8.61E-05	0.037145	8.32E-07	0.038822
653	490436.72	3860035.12	0.78023	1.02646	0.73162	1.32433	1.47E-03	9E-05	0.01589	1.5E-06	0.01745	1.80E-03	0.00011	0.019568	8.28E-07	2.15E-02	0.001584	8.49E-05	0.037262	8.55E-07	0.038932
654	490486.72	3860035.12	0.72507	1.00288	0.72941	1.28809	1.36E-03	8.8E-05	0.01584	1.4E-06	0.01729	1.67E-03	0.000108	0.019509	8.06E-07	2.13E-02	0.001472	8.29E-05	0.037149	8.32E-07	0.038705
655	490536.72	3860035.12	0.7062	0.97544	0.72315	1.16887	1.33E-03	8.6E-05	0.0157	1.3E-06	0.01712	1.63E-03	0.000105	0.019341	7.31E-07	2.11E-02	0.001434	8.07E-05	0.03683	7.55E-07	0.038346
656	490586.72	3860035.12	0.6833	0.90921	0.71165	1.16939	1.28E-03	8E-05	0.01545	1.3E-06	0.01682	1.57E-03	9.77E-05	0.019034	7.31E-07	2.07E-02	0.001387	7.52E-05	0.036245	7.55E-07	0.037708
657	490636.72	3860035.12	0.67295	0.90516	0.70336	1.13534	1.26E-03	7.9E-05	0.01527	1.3E-06	0.01662	1.55E-03	9.73E-05	0.018812	7.1E-07	2.05E-02	0.001366	7.49E-05	0.035823	7.33E-07	0.037264
658	490686.72	3860035.12	0.67251	0.87938	0.6742	1.0768	1.26E-03	7.7E-05	0.01464	1.2E-06	0.01598	1.55E-03	9.45E-05	0.018032	6.73E-07	1.97E-02	0.001365	7.27E-05	0.034337	6.96E-07	0.035776
659	490736.72	3860035.12	0.6897	0.8632	0.65214	1.03686	1.30E-03	7.6E-05	0.01416	1.2E-06	0.01553	1.59E-03	9.28E-05	0.017442	6.48E-07	1.91E-02	0.0014	7.14E-05	0.033214	6.7E-07	0.034686
660	490786.72	3860035.12	0.68542	0.80832	0.62212	1.02218	1.29E-03	7.1E-05	0.01351	1.1E-06	0.01487	1.58E-03	8.69E-05	0.016639	6.39E-07	1.83E-02	0.001392	6.68E-05	0.031685	6.6E-07	0.033144
661	490836.72	3860035.12	0.66205	0.8225	0.60025	1.02342	1.24E-03	7.2E-05	0.01304	1.1E-06	0.01435	1.52E-03	8.84E-05	0.016054	6.4E-07	1.77E-02	0.001344	6.8E-05	0.030571	6.61E-07	0.031984
662	490086.72	3860085.12	0.97227	1.1009	0.82183	1.32831	1.83E-03	9.7E-05	0.01785	1.5E-06	0.01977	2.24E-03	0.000118	0.02198	8.31E-07	2.43E-02	0.001974	9.1E-05	0.041856	8.58E-07	0.043922
663	490136.72	3860085.12	0.91259	1.11166	0.81158	1.42263	1.71E-03	9.8E-05	0.01762	1.6E-06	0.01944	2.10E-03	0.00012	0.021706	8.9E-07	2.39E-02	0.001853	9.19E-05	0.041334	9.19E-07	0.04328
664	490186.72	3860085.12	0.91922	1.07039	0.80614	1.42245	1.73E-03	9.4E-05	0.01751	1.6E-06	0.01933	2.12E-03	0.000115	0.021561	8.9E-07	2.38E-02	0.001866	8.85E-05	0.041057	9.19E-07	0.043013
665	490236.72	3860085.12	0.85015	1.02947	0.79489	1.38499	1.60E-03	9E-05	0.01726	1.5E-06	0.01895	1.96E-03	0.000111	0.02126	8.66E-07	2.33E-02	0.001726	8.51E-05	0.040484	8.95E-07	0.042296
666	490286.72	3860085.12	0.82807	0.98993	0.78882	1.30562	1.56E-03	8.7E-05	0.01713	1.5E-06	0.01877	1.91E-03	0.000106	0.021098	8.17E-07	2.31E-02	0.001681	8.19E-05	0.040175	8.43E-07	0.041939
667	490336.72	3860085.12	0.77497	0.97094	0.77863	1.23126	1.46E-03	8.5E-05	0.01691	1.4E-06	0.01845	1.78E-03	0.000104	0.020825	7.7E-07	2.27E-02	0.001573	8.03E-05	0.039656	7.95E-07	0.041311

668	490386.72	3860085.12	0.76242	0.96314	0.74111	1.17602	1.43E-03	8.4E-05	0.01609	1.3E-06	0.01761	1.76E-03	0.000104	0.019821	7.36E-07	2.17E-02	0.001548	7.97E-05	0.037745	7.6E-07	0.039374
669	490436.72	3860085.12	0.77031	1.00695	0.71192	1.2416	1.45E-03	8.8E-05	0.01546	1.4E-06	0.017	1.77E-03	0.000108	0.019041	7.77E-07	2.09E-02	0.001564	8.33E-05	0.036258	8.02E-07	0.037907
670	490486.72	3860085.12	0.75437	1.00396	0.71499	1.29568	1.42E-03	8.8E-05	0.01553	1.4E-06	0.01703	1.74E-03	0.000108	0.019123	8.1E-07	2.10E-02	0.001532	8.3E-05	0.036415	8.37E-07	0.03803
671	490536.72	3860085.12	0.72417	0.98381	0.71465	1.26351	1.36E-03	8.6E-05	0.01552	1.4E-06	0.01697	1.67E-03	0.000106	0.019114	7.9E-07	2.09E-02	0.00147	8.14E-05	0.036398	8.16E-07	0.03795
672	490586.72	3860085.12	0.68784	0.95787	0.70952	1.17143	1.29E-03	8.4E-05	0.01541	1.3E-06	0.01679	1.58E-03	0.000103	0.018977	7.33E-07	2.07E-02	0.001397	7.92E-05	0.036136	7.57E-07	0.037613
673	490636.72	3860085.12	0.66427	0.90324	0.69882	1.15231	1.25E-03	7.9E-05	0.01518	1.3E-06	0.0165	1.53E-03	9.71E-05	0.01869	7.21E-07	2.03E-02	0.001349	7.47E-05	0.035591	7.44E-07	0.037015
674	490686.72	3860085.12	0.65635	0.88369	0.68554	1.09406	1.23E-03	7.8E-05	0.01489	1.2E-06	0.0162	1.51E-03	9.5E-05	0.018335	6.84E-07	1.99E-02	0.001333	7.31E-05	0.034915	7.07E-07	0.036321
675	490736.72	3860085.12	0.64907	0.86117	0.66636	1.06531	1.22E-03	7.6E-05	0.01447	1.2E-06	0.01577	1.49E-03	9.26E-05	0.017822	6.66E-07	1.94E-02	0.001318	7.12E-05	0.033938	6.88E-07	0.035328
676	490786.72	3860085.12	0.66153	0.84773	0.64369	1.01743	1.24E-03	7.4E-05	0.01398	1.1E-06	0.0153	1.52E-03	9.11E-05	0.017216	6.36E-07	1.88E-02	0.001343	7.01E-05	0.032783	6.57E-07	0.034197
677	490836.72	3860085.12	0.66778	0.79419	0.6153	0.98782	1.25E-03	7E-05	0.01336	1.1E-06	0.01469	1.54E-03	8.54E-05	0.016457	6.18E-07	1.81E-02	0.001356	6.57E-05	0.031338	6.38E-07	0.03276
678	490086.72	3860135.12	0.91148	1.03281	0.79626	1.24779	1.71E-03	9.1E-05	0.01729	1.4E-06	0.0191	2.10E-03	0.000111	0.021297	7.8E-07	2.35E-02	0.001851	8.54E-05	0.040554	8.06E-07	0.042491
679	490136.72	3860135.12	0.94367	1.06218	0.79706	1.28793	1.77E-03	9.3E-05	0.01731	1.4E-06	0.01918	2.17E-03	0.000114	0.021318	8.06E-07	2.36E-02	0.001916	8.78E-05	0.040595	8.32E-07	0.042599
680	490186.72	3860135.12	0.89373	1.09128	0.79294	1.38509	1.68E-03	9.6E-05	0.01722	1.5E-06	0.019	2.06E-03	0.000117	0.021208	8.66E-07	2.34E-02	0.001815	9.02E-05	0.040385	8.95E-07	0.042291
681	490236.72	3860135.12	0.89316	1.05038	0.78579	1.39164	1.68E-03	9.2E-05	0.01706	1.6E-06	0.01884	2.06E-03	0.000113	0.021016	8.7E-07	2.32E-02	0.001813	8.69E-05	0.040021	8.99E-07	0.041922
682	490286.72	3860135.12	0.83627	1.01059	0.77463	1.36029	1.57E-03	8.9E-05	0.01682	1.5E-06	0.01848	1.93E-03	0.000109	0.020718	8.51E-07	2.28E-02	0.001698	8.36E-05	0.039452	8.79E-07	0.041235
683	490336.72	3860135.12	0.81378	0.97152	0.76971	1.28122	1.53E-03	8.5E-05	0.01672	1.4E-06	0.01833	1.87E-03	0.000104	0.020586	8.01E-07	2.26E-02	0.001652	8.03E-05	0.039202	8.28E-07	0.040935
684	490386.72	3860135.12	0.7635	0.94706	0.75992	1.21036	1.43E-03	8.3E-05	0.0165	1.4E-06	0.01802	1.76E-03	0.000102	0.020325	7.57E-07	2.22E-02	0.00155	7.83E-05	0.038703	7.82E-07	0.040332
685	490436.72	3860135.12	0.74216	0.93272	0.72935	1.14813	1.39E-03	8.2E-05	0.01584	1.3E-06	0.01732	1.71E-03	0.0001	0.019507	7.18E-07	2.13E-02	0.001507	7.71E-05	0.037146	7.42E-07	0.038731
686	490486.72	3860135.12	0.75527	0.9734	0.69472	1.1967	1.42E-03	8.5E-05	0.01509	1.3E-06	0.01659	1.74E-03	0.000105	0.018581	7.48E-07	2.04E-02	0.001533	8.05E-05	0.035382	7.73E-07	0.036997
687	490536.72	3860135.12	0.73081	0.98419	0.69986	1.25962	1.37E-03	8.6E-05	0.0152	1.4E-06	0.01666	1.68E-03	0.000106	0.018718	7.88E-07	2.05E-02	0.001484	8.14E-05	0.035644	8.14E-07	0.03721
688	490586.72	3860135.12	0.72291	0.96522	0.70016	1.23913	1.36E-03	8.5E-05	0.0152	1.4E-06	0.01665	1.66E-03	0.000104	0.018726	7.75E-07	2.05E-02	0.001468	7.98E-05	0.03566	8E-07	0.037208
689	490636.72	3860135.12	0.66389	0.94017	0.69577	1.17295	1.25E-03	8.2E-05	0.01511	1.3E-06	0.01644	1.53E-03	0.000101	0.018609	7.34E-07	2.02E-02	0.001348	7.78E-05	0.035436	7.58E-07	0.036862
690	490686.72	3860135.12	0.65511	0.88174	0.68662	1.11766	1.23E-03	7.7E-05	0.01491	1.2E-06	0.01622	1.51E-03	9.48E-05	0.018364	6.99E-07	2.00E-02	0.00133	7.29E-05	0.03497	7.22E-07	0.036374
691	490736.72	3860135.12	0.63887	0.85262	0.6735	1.07654	1.20E-03	7.5E-05	0.01463	1.2E-06	0.0159	1.47E-03	9.17E-05	0.018013	6.73E-07	1.96E-02	0.001297	7.05E-05	0.034302	6.95E-07	0.03567
692	490786.72	3860135.12	0.63204	0.84576	0.65893	1.05288	1.19E-03	7.4E-05	0.01431	1.2E-06	0.01557	1.46E-03	9.09E-05	0.017624	6.59E-07	1.92E-02	0.001283	6.99E-05	0.03356	6.8E-07	0.034914
693	490836.72	3860135.12	0.63451	0.82553	0.63438	1.00652	1.19E-03	7.2E-05	0.01378	1.1E-06	0.01504	1.46E-03	8.87E-05	0.016967	6.3E-07	1.85E-02	0.001288	6.83E-05	0.032309	6.5E-07	0.033667
694	490086.72	3860185.12	0.84227	0.97478	0.72036	1.20502	1.58E-03	8.6E-05	0.01564	1.3E-06	0.01731	1.94E-03	0.000105	0.019267	7.54E-07	2.13E-02	0.00171	8.06E-05	0.036688	7.78E-07	0.03848
695	490136.72	3860185.12	0.8885	1.00437	0.77762	1.2194	1.67E-03	8.8E-05	0.01689	1.4E-06	0.01865	2.05E-03	0.000108	0.020798	7.63E-07	2.30E-02	0.001804	8.31E-05	0.039605	7.88E-07	0.041492
696	490186.72	3860185.12	0.92303	1.03737	0.77898	1.25307	1.73E-03	9.1E-05	0.01692	1.4E-06	0.01874	2.13E-03	0.000112	0.020834	7.84E-07	2.31E-02	0.001874	8.58E-05	0.039674	8.09E-07	0.041635
697	490236.72	3860185.12	0.87397	1.06053	0.7736	1.34772	1.64E-03	9.3E-05	0.0168	1.5E-06	0.01854	2.01E-03	0.000114	0.02069	8.43E-07	2.28E-02	0.001774	8.77E-05	0.0394	8.71E-07	0.041263
698	490286.72	3860185.12	0.86629	1.03234	0.76702	1.36205	1.63E-03	9.1E-05	0.01666	1.5E-06	0.01838	1.99E-03	0.000111	0.020514	8.52E-07	2.26E-02	0.001759	8.54E-05	0.039065	8.8E-07	0.04091
699	490336.72	3860185.12	0.82428	0.99097	0.75581	1.33565	1.55E-03	8.7E-05	0.01641	1.5E-06	0.01805	1.90E-03	0.000107	0.020215	8.35E-07	2.22E-02	0.001674	8.2E-05	0.038494	8.63E-07	0.04025
700	490386.72	3860185.12	0.79766	0.95262	0.75062	1.2569	1.50E-03	8.4E-05	0.0163	1.4E-06	0.01788	1.84E-03	0.000102	0.020076	7.86E-07	2.20E-02	0.00162	7.88E-05	0.03823	8.12E-07	0.039929
701	490436.72	3860185.12	0.75161	0.92371	0.74691	1.18949	1.41E-03	8.1E-05	0.01622	1.3E-06	0.01771	1.73E-03	9.93E-05	0.019977	7.44E-07	2.18E-02	0.001526	7.64E-05	0.038041	7.68E-07	0.039644
702	490486.72	3860185.12	0.72586	0.9101	0.71834	1.12164	1.36E-03	8E-05	0.0156	1.3E-06	0.01704	1.67E-03	9.78E-05	0.019212	7.02E-07	2.10E-02	0.001474	7.53E-05	0.036585	7.25E-07	0.038135
703	490536.72	3860185.12	0.72964	0.94234	0.68131	1.15413	1.37E-03	8.3E-05	0.0148	1.3E-06	0.01625	1.68E-03	0.000101	0.018222	7.22E-07	2.00E-02	0.001481	7.79E-05	0.0347	7.46E-07	0.03626
704	490586.72	3860185.12	0.71899	0.96447	0.6848	1.21677	1.35E-03	8.5E-05	0.01487	1.4E-06	0.01631	1.66E-03	0.000104	0.018315	7.61E-07	2.01E-02	0.00146	7.98E-05	0.034877	7.86E-07	0.036418
705	490636.72	3860185.12	0.71859	0.94599	0.68546	1.21469	1.35E-03	8.3E-05	0.01489	1.4E-06	0.01632	1.65E-03	0.000102	0.018333	7.6E-07	2.01E-02	0.001459	7.82E-05	0.034911	7.85E-07	0.036449
706	490686.72	3860185.12	0.65668	0.92371	0.68264	1.17374	1.23E-03	8.1E-05	0.01482	1.3E-06	0.01614	1.51E-03	9.93E-05	0.018258	7.34E-07	1.99E-02	0.001333	7.64E-05	0.034767	7.58E-07	0.036178
707	490736.72	3860185.12	0.65561	0.88119	0.66723	1.08347	1.23E-03	7.7E-05	0.01449	1.2E-06	0.0158	1.51E-03	9.47E-05	0.017846	6.78E-07	1.95E-02	0.001331	7.29E-05	0.033982	7E-07	0.035387
708	490786.72	3860185.12	0.62234	0.83378	0.66268	1.07024	1.17E-03	7.3E-05	0.01439	1.2E-06	0.01563	1.43E-03	8.96E-05	0.017724	6.69E-07	1.92E-02	0.001264	6.9E-05	0.033751	6.91E-07	0.035084
709	490836.72	3860185.12	0.61461	0.83156	0.6517	1.03921	1.15E-03	7.3E-05	0.01415	1.2E-06	0.01538	1.42E-03	8.94E-05	0.01743	6.5E-07	1.89E-02	0.001248	6.88E-05	0.033191	6.71E-07	0.034509
710	490086.72	3860235.12	0.76984	0.92485	0.70063	1.25873	1.45E-03	8.1E-05	0.01521	1.4E-06	0.01674	1.77E-03	9.94E-05	0.018739	7.87E-07	2.06E-02	0.001563	7.65E-05	0.035683	8.13E-07	0.037324
711	490136.72	3860235.12	0.82153	0.94894	0.70376	1.18077	1.54E-03	8.3E-05	0.01528	1.3E-06	0.01691	1.89E-03	0.000102	0.018823	7.39E-07	2.08E-02	0.001668	7.85E-05	0.035843	7.63E-07	0.03759
712	490186.72	3860235.12	0.86619	0.97656	0.75931	1.19193	1.63E-03	8.6E-05	0.01649	1.3E-06	0.0182	1.99E-03	0.000105	0.020308	7.45E-07	2.24E-02	0.001759	8.08E-05	0.038672	7.7E-07	0.040512
713	490236.72	3860235.12	0.90074	1.01257	0.76024	1.21845	1.69E-03	8.9E-05	0.01651	1.4E-06	0.01829	2.07E-03	0.000109	0.020333	7.62E-07	2.25E-02	0.001829	8.37E-05	0.038719	7.87E-07	0.040633
714	490286.72	3860235.12	0.85516	1.03117	0.75518	1.31172	1.61E-03	9E-05	0.0164	1.5E-06	0.0181	1.97E-03	0.000111	0.020198	8.2E-07	2.23E-02	0.001736	8.53E-05	0.038462	8.47E-07	0.040284
715	490336.72	3860235.12	0.84063	1.01473	0.74895	1.33341	1.58E-03	8.9E-05	0.01626	1.5E-06	0.01793	1.94E-03	0.000109	0.020031	8.34E-07	2.21E-02	0.001707	8.39E-05	0.038144	8.61E-07	0.039936
716	490386.72	3860235.12	0.81307	0.97174	0.74152	1.31197	1.53E-03	8.5E-05	0.0161	1.5E-06	0.01772	1.87E-03	0.000104	0.019832	8.21E-07	2.18E-02	0.001651	8.04E-05	0.037766	8.47E-07	0.039498
717	490436.72	3860235.12	0.77865	0.93547	0.73347	1.23394	1.46E-03	8.2E-05	0.01593	1.4E-06	0.01747	1.79E-03	0.000101	0.019617	7.72E-07	2.15E-02	0.001581	7.74E-05	0.037356	7.97E-07	0.039015
718	490486.72	3860235.12	0.74044	0.9022	0.72921	1.16946	1.39E-03	7.9E-05	0.01584	1.3E-06	0.01731	1.71E-03	9.7E-05	0.019503	7.31E-07	2.13E-02	0.001503	7.46E-05	0.037139	7.55E-07	0.038718
719	490536.72	3860235.12	0.71038	0.88967	0.7082	1.09984	1.33E-03	7.8E-05	0.01538	1.2E-06	0.01679	1.64E-03	9.56E-05	0.018941	6.88E-07	2.07E-02	0.001442	7.36E-05	0.036069	7.1E-07	0.037586
720	490586.72	3860235.12	0.70532	0.91307	0.67265	1.11358	1.33E-03	8E-05	0.01461	1.2E-06	0.01601	1.62E-03	9.82E-05	0.01799	6.96E-07	1.97E-02	0.001432	7.55E-05	0.034258	7.19E-07	0.035767
721	490636.72	3860235.12	0.7083	0.94399	0.6695	1.17531	1.33E-03	8.3E-05	0.01454	1.3E-06	0.01595	1.63E-03	0.000101	0.017906	7.35E-07	1.96E-02	0.001438	7.81E-05	0.034098	7.59E-07	0.035615
722	490686.72	3860235.12	0.69738	0.92842	0.67166	1.1912	1.31E-03	8.1E-05	0.01459	1.3E-06	0.01598	1.61E-03	9.98E-05	0.017964	7.45E-07	1.97E-02	0.001416	7.68E-05	0.034208	7.69E-07	0.035702
723	490736.72	3860235.12	0.65292	0.90701	0.66932	1.15891	1.23E-03	8E-05	0.01453	1.3E-06	0.01584	1.50E-03	9.75E-05	0.017901	7.25E-07	1.95E-02	0.001326	7.5E-05	0.034089	7.49E-07	0.03549
724	490786.72	3860235.12	0.63891	0.88055	0.65775	1.057	1.20E-03	7.7E-05	0.01428	1.2E-06	0.01556	1.47E-03	9.47E-05	0.017592	6.61E-07	1.92E-02	0.001297	7.28E-05	0.0335	6.83E-07	0.03487
725	490086.72	3860285.12	0.77444	0.92678	0.7	1.24597	1.46E-03	8.1E-05	0.0152	1.4E-06	0.01674	1.78E-03	9.96E-05	0.018722	7.79E-07	2.06E-02	0.001572	7.66E-05	0.035651	8.05E-07	0.037301
726	490136.72	3860285.12	0.7507	0.89964	0.68967	1.23309	1.41E-03	7.9E-05	0.01498	1.4E-06	0.01647	1.73E-03	9.67E-05	0.018446	7.71E-07	2.03E-02	0.001524	7.44E-05	0.035125	7.97E-07	0.036725
727	490186.72	3860285.12	0.80064	0.92281	0.68686	1.15689	1.50E-03	8.1E-05	0.01492	1.3E-06	0.0165	1.84E-03	9.92E-05	0.018371	7.24E-07	2.03E-02	0.001626	7.63E-05	0.034982	7.47E-07	0.036685
728	490236.72	3860285.12	0.84447	0.94949	0.74132	1.16541	1.59E-03	8.3E-05	0.0161	1.3E-06	0.01777	1.94E-03	0.000102	0.019827	7.29E-07	2.19E-02	0.001715	7.85E-05	0.037756	7.53E-07	0.03955

729	490286.72	3860285.12	0.87836	0.98867	0.74223	1.1851	1.65E-03	8.7E-05	0.01612	1.3E-06	0.01786	2.02E-03	0.000106	0.019851	7.41E-07	2.20E-02	0.001783	8.18E-05	0.037802	7.66E-07	0.039668
730	490336.72	3860285.12	0.83688	1.00265	0.73733	1.27678	1.57E-03	8.8E-05	0.01601	1.4E-06	0.01767	1.93E-03	0.000108	0.01972	7.99E-07	2.18E-02	0.001699	8.29E-05	0.037553	8.25E-07	0.039336
731	490386.72	3860285.12	0.81641	0.99789	0.73183	1.30585	1.53E-03	8.8E-05	0.01589	1.5E-06	0.01752	1.88E-03	0.000107	0.019573	8.17E-07	2.16E-02	0.001658	8.25E-05	0.037273	8.44E-07	0.039014
732	490436.72	3860285.12	0.80209	0.95332	0.72458	1.28895	1.51E-03	8.4E-05	0.01573	1.4E-06	0.01733	1.85E-03	0.000102	0.019379	8.06E-07	2.13E-02	0.001629	7.88E-05	0.036903	8.33E-07	0.038611
733	490486.72	3860285.12	0.75987	0.91449	0.71671	1.21149	1.43E-03	8E-05	0.01556	1.4E-06	0.01707	1.75E-03	9.83E-05	0.019169	7.58E-07	2.10E-02	0.001543	7.56E-05	0.036502	7.83E-07	0.038122
734	490536.72	3860285.12	0.72934	0.88165	0.71197	1.14978	1.37E-03	7.7E-05	0.01546	1.3E-06	0.01691	1.68E-03	9.48E-05	0.019042	7.19E-07	2.08E-02	0.001481	7.29E-05	0.036261	7.43E-07	0.037816
735	490586.72	3860285.12	0.69443	0.8692	0.69747	1.08299	1.30E-03	7.6E-05	0.01515	1.2E-06	0.01653	1.60E-03	9.34E-05	0.018654	6.77E-07	2.03E-02	0.00141	7.19E-05	0.035523	7E-07	0.037005
736	490636.72	3860285.12	0.68472	0.88367	0.66312	1.07443	1.29E-03	7.8E-05	0.0144	1.2E-06	0.01577	1.58E-03	9.5E-05	0.017736	6.72E-07	1.94E-02	0.00139	7.31E-05	0.033773	6.94E-07	0.035237
737	490686.72	3860285.12	0.69763	0.92241	0.65466	1.1354	1.31E-03	8.1E-05	0.01422	1.3E-06	0.01561	1.61E-03	9.92E-05	0.017509	7.1E-07	1.92E-02	0.001416	7.63E-05	0.033342	7.33E-07	0.034836
738	490736.72	3860285.12	0.6759	0.91009	0.65748	1.16748	1.27E-03	8E-05	0.01428	1.3E-06	0.01563	1.56E-03	9.78E-05	0.017585	7.3E-07	1.92E-02	0.001372	7.53E-05	0.033486	7.54E-07	0.034934
739	490786.72	3860285.12	0.65218	0.89122	0.65654	1.13819	1.23E-03	7.8E-05	0.01426	1.3E-06	0.01556	1.50E-03	9.58E-05	0.01756	7.12E-07	1.92E-02	0.001324	7.37E-05	0.033438	7.35E-07	0.034837
740	490086.72	3860335.12	0.80479	0.90361	0.72319	1.23896	1.51E-03	7.9E-05	0.0157	1.4E-06	0.0173	1.85E-03	9.71E-05	0.019342	7.75E-07	2.13E-02	0.001634	7.47E-05	0.036832	8E-07	0.038542
741	490136.72	3860335.12	0.75621	0.90738	0.68899	1.22002	1.42E-03	8E-05	0.01496	1.4E-06	0.01646	1.74E-03	9.75E-05	0.018428	7.63E-07	2.03E-02	0.001535	7.5E-05	0.035091	7.88E-07	0.036702
742	490186.72	3860335.12	0.7317	0.87463	0.67841	1.20794	1.38E-03	7.7E-05	0.01473	1.3E-06	0.01619	1.68E-03	9.4E-05	0.018145	7.55E-07	1.99E-02	0.001486	7.23E-05	0.034552	7.8E-07	0.036111
743	490236.72	3860335.12	0.78115	0.89848	0.67097	1.13417	1.47E-03	7.9E-05	0.01457	1.3E-06	0.01612	1.80E-03	9.66E-05	0.017946	7.09E-07	1.98E-02	0.001586	7.43E-05	0.034173	7.33E-07	0.035834
744	490286.72	3860335.12	0.82306	0.92295	0.72343	1.13976	1.55E-03	8.1E-05	0.01571	1.3E-06	0.01734	1.90E-03	9.92E-05	0.019349	7.13E-07	2.13E-02	0.001671	7.63E-05	0.036845	7.36E-07	0.038593
745	490336.72	3860335.12	0.85688	0.96566	0.72497	1.15365	1.61E-03	8.5E-05	0.01574	1.3E-06	0.01744	1.97E-03	0.000104	0.01939	7.22E-07	2.15E-02	0.00174	7.99E-05	0.036923	7.45E-07	0.038744
746	490386.72	3860335.12	0.8198	0.97966	0.7206	1.24348	1.54E-03	8.6E-05	0.01565	1.4E-06	0.01728	1.89E-03	0.000105	0.019273	7.78E-07	2.13E-02	0.001665	8.1E-05	0.036701	8.03E-07	0.038447
747	490436.72	3860335.12	0.79282	0.98077	0.71495	1.27878	1.49E-03	8.6E-05	0.01553	1.4E-06	0.0171	1.83E-03	0.000105	0.019122	8E-07	2.11E-02	0.00161	8.11E-05	0.036413	8.26E-07	0.038104
748	490486.72	3860335.12	0.79092	0.93611	0.70799	1.26023	1.49E-03	8.2E-05	0.01537	1.4E-06	0.01694	1.82E-03	0.000101	0.018936	7.88E-07	2.09E-02	0.001606	7.74E-05	0.036058	8.14E-07	0.037742
749	490536.72	3860335.12	0.74181	0.89199	0.70075	1.18979	1.39E-03	7.8E-05	0.01522	1.3E-06	0.01669	1.71E-03	9.59E-05	0.018742	7.44E-07	2.05E-02	0.001506	7.38E-05	0.03569	7.69E-07	0.03727
750	490586.72	3860335.12	0.71853	0.86365	0.69535	1.1343	1.35E-03	7.6E-05	0.0151	1.3E-06	0.01653	1.65E-03	9.28E-05	0.018598	7.09E-07	2.03E-02	0.001459	7.14E-05	0.035415	7.33E-07	0.036946
751	490636.72	3860335.12	0.67935	0.85056	0.68368	1.06679	1.28E-03	7.5E-05	0.01485	1.2E-06	0.0162	1.56E-03	9.14E-05	0.018285	6.67E-07	1.99E-02	0.001379	7.03E-05	0.03482	6.89E-07	0.036271
752	490686.72	3860335.12	0.67127	0.85663	0.65442	1.0376	1.26E-03	7.5E-05	0.01421	1.2E-06	0.01555	1.55E-03	9.21E-05	0.017503	6.49E-07	1.91E-02	0.001363	7.08E-05	0.03333	6.7E-07	0.034764
753	490736.72	3860335.12	0.67782	0.89437	0.64019	1.09734	1.27E-03	7.8E-05	0.0139	1.2E-06	0.01526	1.56E-03	9.61E-05	0.017122	6.86E-07	1.88E-02	0.001376	7.4E-05	0.032605	7.09E-07	0.034056
754	490786.72	3860335.12	0.66408	0.89417	0.64458	1.14516	1.25E-03	7.8E-05	0.014	1.3E-06	0.01533	1.53E-03	9.61E-05	0.01724	7.16E-07	1.89E-02	0.001348	7.39E-05	0.032829	7.4E-07	0.034252
755	490086.72	3860385.12	0.78274	0.89513	0.71789	1.24861	1.47E-03	7.9E-05	0.01559	1.4E-06	0.01714	1.80E-03	9.62E-05	0.0192	7.81E-07	2.11E-02	0.001589	7.4E-05	0.036563	8.07E-07	0.038227
756	490136.72	3860385.12	0.78711	0.88826	0.7078	1.21343	1.48E-03	7.8E-05	0.01537	1.4E-06	0.01693	1.81E-03	9.55E-05	0.018931	7.59E-07	2.08E-02	0.001598	7.35E-05	0.036049	7.84E-07	0.037721
757	490186.72	3860385.12	0.73755	0.88694	0.67733	1.19425	1.39E-03	7.8E-05	0.01471	1.3E-06	0.01617	1.70E-03	9.53E-05	0.018116	7.47E-07	1.99E-02	0.001498	7.33E-05	0.034497	7.71E-07	0.036068
758	490236.72	3860385.12	0.7136	0.8508	0.66761	1.18378	1.34E-03	7.5E-05	0.0145	1.3E-06	0.01591	1.64E-03	9.15E-05	0.017856	7.4E-07	1.96E-02	0.001449	7.04E-05	0.034002	7.65E-07	0.035522
759	490286.72	3860385.12	0.76084	0.87267	0.65427	1.11132	1.43E-03	7.7E-05	0.01421	1.2E-06	0.01572	1.75E-03	9.38E-05	0.017499	6.95E-07	1.93E-02	0.001545	7.22E-05	0.033322	7.18E-07	0.03494
760	490336.72	3860385.12	0.80232	0.89717	0.70596	1.1149	1.51E-03	7.9E-05	0.01533	1.2E-06	0.01692	1.85E-03	9.64E-05	0.018881	6.97E-07	2.08E-02	0.001629	7.42E-05	0.035955	7.2E-07	0.037659
761	490386.72	3860385.12	0.8362	0.94341	0.70836	1.12868	1.57E-03	8.3E-05	0.01538	1.3E-06	0.01704	1.93E-03	0.000101	0.018946	7.06E-07	2.10E-02	0.001698	7.8E-05	0.036077	7.29E-07	0.037854
762	490436.72	3860385.12	0.80296	0.95941	0.70419	1.21102	1.51E-03	8.4E-05	0.01529	1.4E-06	0.01689	1.85E-03	0.000103	0.018834	7.57E-07	2.08E-02	0.00163	7.93E-05	0.035865	7.82E-07	0.037575
763	490486.72	3860385.12	0.77075	0.96497	0.69913	1.25286	1.45E-03	8.5E-05	0.01518	1.4E-06	0.01672	1.77E-03	0.000104	0.018699	7.84E-07	2.06E-02	0.001565	7.98E-05	0.035607	8.09E-07	0.037253
764	490536.72	3860385.12	0.78067	0.92283	0.69268	1.22433	1.47E-03	8.1E-05	0.01504	1.4E-06	0.01659	1.80E-03	9.92E-05	0.018526	7.66E-07	2.04E-02	0.001585	7.63E-05	0.035279	7.91E-07	0.036941
765	490586.72	3860385.12	0.72416	0.87417	0.68531	1.17142	1.36E-03	7.7E-05	0.01488	1.3E-06	0.01632	1.67E-03	9.4E-05	0.018329	7.33E-07	2.01E-02	0.00147	7.23E-05	0.034903	7.57E-07	0.036447
766	490636.72	3860385.12	0.708	0.84994	0.67931	1.12376	1.33E-03	7.5E-05	0.01475	1.3E-06	0.01616	1.63E-03	9.14E-05	0.018169	7.03E-07	1.99E-02	0.001438	7.03E-05	0.034598	7.26E-07	0.036106
767	490686.72	3860385.12	0.66834	0.83259	0.66922	1.05111	1.26E-03	7.3E-05	0.01453	1.2E-06	0.01586	1.54E-03	8.95E-05	0.017899	6.57E-07	1.95E-02	0.001357	6.89E-05	0.034084	6.79E-07	0.03551
768	490736.72	3860385.12	0.65778	0.83043	0.64565	1.00226	1.24E-03	7.3E-05	0.01402	1.1E-06	0.01533	1.51E-03	8.93E-05	0.017268	6.27E-07	1.89E-02	0.001336	6.87E-05	0.032883	6.47E-07	0.034288
769	490786.72	3860385.12	0.65608	0.86752	0.6261	1.06082	1.23E-03	7.6E-05	0.0136	1.2E-06	0.01491	1.51E-03	9.33E-05	0.016745	6.63E-07	1.84E-02	0.001332	7.17E-05	0.031888	6.85E-07	0.033292
770	490136.72	3860435.12	0.76502	0.87734	0.70457	1.2232	1.44E-03	7.7E-05	0.0153	1.4E-06	0.01682	1.76E-03	9.43E-05	0.018844	7.65E-07	2.07E-02	0.001553	7.26E-05	0.035884	7.9E-07	0.037511
771	490186.72	3860435.12	0.76828	0.87119	0.69132	1.18768	1.44E-03	7.6E-05	0.01501	1.3E-06	0.01653	1.77E-03	9.37E-05	0.01849	7.43E-07	2.04E-02	0.00156	7.2E-05	0.035209	7.67E-07	0.036842
772	490236.72	3860435.12	0.72041	0.86826	0.66652	1.16972	1.35E-03	7.6E-05	0.01447	1.3E-06	0.01591	1.66E-03	9.33E-05	0.017827	7.32E-07	1.96E-02	0.001463	7.18E-05	0.033946	7.56E-07	0.035482
773	490286.72	3860435.12	0.69565	0.82918	0.65657	1.16003	1.31E-03	7.3E-05	0.01426	1.3E-06	0.01564	1.60E-03	8.91E-05	0.01756	7.26E-07	1.93E-02	0.001412	6.86E-05	0.033439	7.49E-07	0.034921
774	490336.72	3860435.12	0.74134	0.84781	0.64136	1.08918	1.39E-03	7.4E-05	0.01393	1.2E-06	0.0154	1.71E-03	9.11E-05	0.017154	6.81E-07	1.90E-02	0.001505	7.01E-05	0.032665	7.04E-07	0.034241
775	490386.72	3860435.12	0.78227	0.87218	0.68895	1.09082	1.47E-03	7.7E-05	0.01496	1.2E-06	0.01651	1.80E-03	9.38E-05	0.018426	6.82E-07	2.03E-02	0.001588	7.21E-05	0.035089	7.05E-07	0.03675
776	490436.72	3860435.12	0.81618	0.92187	0.69228	1.10464	1.53E-03	8.1E-05	0.01503	1.2E-06	0.01665	1.88E-03	9.91E-05	0.018515	6.91E-07	2.05E-02	0.001657	7.62E-05	0.035258	7.14E-07	0.036992
777	490486.72	3860435.12	0.78676	0.93987	0.68841	1.17971	1.48E-03	8.2E-05	0.01495	1.3E-06	0.01651	1.81E-03	0.000101	0.018412	7.38E-07	2.03E-02	0.001597	7.77E-05	0.035061	7.62E-07	0.036737
778	490536.72	3860435.12	0.7493	0.9492	0.68359	1.22772	1.41E-03	8.3E-05	0.01484	1.4E-06	0.01634	1.73E-03	0.000102	0.018283	7.68E-07	2.01E-02	0.001521	7.85E-05	0.034816	7.93E-07	0.036416
779	490586.72	3860435.12	0.76354	0.90858	0.67716	1.19249	1.43E-03	8E-05	0.01471	1.3E-06	0.01622	1.76E-03	9.77E-05	0.018111	7.46E-07	2.00E-02	0.00155	7.51E-05	0.034488	7.7E-07	0.036114
780	490636.72	3860435.12	0.71458	0.86006	0.66986	1.15274	1.34E-03	7.5E-05	0.01455	1.3E-06	0.01597	1.65E-03	9.25E-05	0.017916	7.21E-07	1.97E-02	0.001451	7.11E-05	0.034116	7.45E-07	0.035639
781	490686.72	3860435.12	0.69729	0.83614	0.66338	1.10209	1.31E-03	7.3E-05	0.01441	1.2E-06	0.01579	1.61E-03	8.99E-05	0.017743	6.89E-07	1.94E-02	0.001416	6.91E-05	0.033786	7.12E-07	0.035272
782	490736.72	3860435.12	0.65965	0.81505	0.65936	1.0353	1.24E-03	7.2E-05	0.01432	1.2E-06	0.01563	1.52E-03	8.76E-05	0.017635	6.48E-07	1.92E-02	0.001339	6.74E-05	0.033582	6.69E-07	0.034989
783	490786.72	3860435.12	0.64464	0.80561	0.63721	0.97815	1.21E-03	7.1E-05	0.01384	1.1E-06	0.01512	1.48E-03	8.66E-05	0.017043	6.12E-07	1.86E-02	0.001309	6.66E-05	0.032453	6.32E-07	0.03383
784	490136.72	3860485.12	0.74385	0.87907	0.66769	1.19263	1.40E-03	7.7E-05	0.0145	1.3E-06	0.01598	1.71E-03	9.45E-05	0.017858	7.46E-07	1.97E-02	0.00151	7.27E-05	0.034006	7.7E-07	0.03559
785	490186.72	3860485.12	0.74861	0.86089	0.69214	1.19898	1.41E-03	7.6E-05	0.01503	1.3E-06	0.01651	1.72E-03	9.25E-05	0.018512	7.5E-07	2.03E-02	0.00152	7.12E-05	0.035251	7.75E-07	0.036843
786	490236.72	3860485.12	0.75008	0.85454	0.67529	1.16265	1.41E-03	7.5E-05	0.01466	1.3E-06	0.01615	1.73E-03	9.19E-05	0.018061	7.27E-07	1.99E-02	0.001523	7.07E-05	0.034393	7.51E-07	0.035987
787	490286.72	3860485.12	0.70346	0.84985	0.65557	1.14565	1.32E-03	7.5E-05	0.01424	1.3E-06	0.01563	1.62E-03	9.14E-05	0.017534	7.17E-07	1.92E-02	0.001428	7.03E-05	0.033389	7.4E-07	0.034888
788	490336.72	3860485.12	0.67819	0.81248	0.64564	1.13687	1.27E-03	7.1E-05	0.01402	1.3E-06	0.01537	1.56E-03	8.73E-05	0.017268	7.11E-07	1.89E-02	0.001377	6.72E-05	0.032883	7.34E-07	0.034328
789	490386.72	3860485.12	0.72348	0.82511	0.63148	1.06837	1.36E-03	7.2E-05	0.01371	1.2E-06	0.01515	1.67E-03	8.87E-05	0.016889	6.68E-07	1.86E-02	0.001469	6.82E-05	0.032162	6.9E-07	0.0337

790	490436.72	3860485.12	0.76448	0.85216	0.67375	1.06856	1.44E-03	7.5E-05	0.01463	1.2E-06	0.01614	1.76E-03	9.16E-05	0.01802	6.68E-07	1.99E-02	0.001552	7.05E-05	0.034314	6.9E-07	0.035938
791	490486.72	3860485.12	0.79771	0.90203	0.67759	1.08188	1.50E-03	7.9E-05	0.01471	1.2E-06	0.01629	1.84E-03	9.7E-05	0.018123	6.77E-07	2.01E-02	0.00162	7.46E-05	0.03451	6.99E-07	0.036205
792	490536.72	3860485.12	0.77129	0.92122	0.67336	1.14959	1.45E-03	8.1E-05	0.01462	1.3E-06	0.01615	1.78E-03	9.9E-05	0.018009	7.19E-07	1.99E-02	0.001566	7.62E-05	0.034295	7.43E-07	0.035938
793	490586.72	3860485.12	0.73067	0.92589	0.66808	1.2028	1.37E-03	8.1E-05	0.01451	1.3E-06	0.01596	1.68E-03	9.95E-05	0.017868	7.52E-07	1.97E-02	0.001484	7.66E-05	0.034026	7.77E-07	0.035587
794	490636.72	3860485.12	0.74332	0.89426	0.66318	1.16981	1.40E-03	7.8E-05	0.0144	1.3E-06	0.01588	1.71E-03	9.61E-05	0.017737	7.32E-07	1.95E-02	0.001509	7.4E-05	0.033776	7.56E-07	0.03536
795	490686.72	3860485.12	0.70627	0.84695	0.65737	1.13456	1.33E-03	7.4E-05	0.01428	1.3E-06	0.01568	1.63E-03	9.1E-05	0.017582	7.1E-07	1.93E-02	0.001434	7E-05	0.03348	7.33E-07	0.034985
796	490736.72	3860485.12	0.68672	0.82281	0.64801	1.07534	1.29E-03	7.2E-05	0.01407	1.2E-06	0.01544	1.58E-03	8.85E-05	0.017331	6.73E-07	1.90E-02	0.001394	6.8E-05	0.033004	6.95E-07	0.034467
797	490786.72	3860485.12	0.65044	0.79733	0.65411	1.01925	1.22E-03	7E-05	0.0142	1.1E-06	0.0155	1.50E-03	8.57E-05	0.017495	6.37E-07	1.91E-02	0.001321	6.59E-05	0.033314	6.58E-07	0.034701
798	490136.72	3860535.12	0.70961	0.8696	0.64834	1.0995	1.33E-03	7.6E-05	0.01408	1.2E-06	0.01549	1.63E-03	9.35E-05	0.01734	6.88E-07	1.91E-02	0.001441	7.19E-05	0.03302	7.1E-07	0.034534
799	490186.72	3860535.12	0.73184	0.86527	0.65473	1.17239	1.38E-03	7.6E-05	0.01422	1.3E-06	0.01567	1.69E-03	9.3E-05	0.017511	7.33E-07	1.93E-02	0.001486	7.16E-05	0.033346	7.57E-07	0.034904
800	490236.72	3860535.12	0.73186	0.84351	0.67913	1.17475	1.38E-03	7.4E-05	0.01475	1.3E-06	0.0162	1.69E-03	9.07E-05	0.018164	7.35E-07	1.99E-02	0.001486	6.98E-05	0.034588	7.59E-07	0.036145
801	490286.72	3860535.12	0.73264	0.83846	0.65985	1.13835	1.38E-03	7.4E-05	0.01433	1.3E-06	0.01578	1.69E-03	9.01E-05	0.017648	7.12E-07	1.94E-02	0.001488	6.93E-05	0.033607	7.35E-07	0.035164
802	490336.72	3860535.12	0.68685	0.83301	0.64464	1.12208	1.29E-03	7.3E-05	0.014	1.3E-06	0.01536	1.58E-03	8.96E-05	0.017241	7.02E-07	1.89E-02	0.001395	6.89E-05	0.032832	7.25E-07	0.034296
803	490386.72	3860535.12	0.6626	0.79822	0.63615	1.11545	1.25E-03	7E-05	0.01381	1.2E-06	0.01513	1.53E-03	8.58E-05	0.017014	6.98E-07	1.86E-02	0.001345	6.6E-05	0.032399	7.21E-07	0.033812
804	490436.72	3860535.12	0.70726	0.80466	0.62279	1.04893	1.33E-03	7.1E-05	0.01352	1.2E-06	0.01493	1.63E-03	8.65E-05	0.016657	6.56E-07	1.84E-02	0.001436	6.65E-05	0.031719	6.78E-07	0.033222
805	490486.72	3860535.12	0.74698	0.83386	0.65871	1.04686	1.40E-03	7.3E-05	0.0143	1.2E-06	0.01578	1.72E-03	8.96E-05	0.017618	6.55E-07	1.94E-02	0.001517	6.9E-05	0.033548	6.76E-07	0.035135
806	490536.72	3860535.12	0.78129	0.88661	0.66641	1.06165	1.47E-03	7.8E-05	0.01447	1.2E-06	0.01602	1.80E-03	9.53E-05	0.017824	6.64E-07	1.97E-02	0.001586	7.33E-05	0.033941	6.86E-07	0.035601
807	490586.72	3860535.12	0.75691	0.90379	0.6593	1.12089	1.42E-03	7.9E-05	0.01432	1.3E-06	0.01582	1.74E-03	9.72E-05	0.017633	7.01E-07	1.95E-02	0.001537	7.47E-05	0.033579	7.24E-07	0.035191
808	490636.72	3860535.12	0.71787	0.90321	0.65404	1.17932	1.35E-03	7.9E-05	0.0142	1.3E-06	0.01563	1.65E-03	9.71E-05	0.017493	7.38E-07	1.92E-02	0.001458	7.47E-05	0.033311	7.62E-07	0.034844
809	490686.72	3860535.12	0.72406	0.87971	0.6507	1.14795	1.36E-03	7.7E-05	0.01413	1.3E-06	0.01557	1.67E-03	9.46E-05	0.017403	7.18E-07	1.92E-02	0.00147	7.28E-05	0.033141	7.42E-07	0.034684
810	490736.72	3860535.12	0.69835	0.83622	0.6455	1.11703	1.31E-03	7.3E-05	0.01402	1.2E-06	0.0154	1.61E-03	8.99E-05	0.017264	6.99E-07	1.90E-02	0.001418	6.92E-05	0.032876	7.22E-07	0.034363
811	490786.72	3860535.12	0.6724	0.80991	0.63684	1.05779	1.26E-03	7.1E-05	0.01383	1.2E-06	0.01517	1.55E-03	8.71E-05	0.017033	6.62E-07	1.87E-02	0.001365	6.7E-05	0.032435	6.83E-07	0.033868
812	490136.72	3860585.12	0.70304	0.84444	0.63147	1.12564	1.32E-03	7.4E-05	0.01371	1.3E-06	0.01511	1.62E-03	9.08E-05	0.016889	7.04E-07	1.86E-02	0.001427	6.98E-05	0.032161	7.27E-07	0.033659
813	490186.72	3860585.12	0.68799	0.84945	0.63115	1.07885	1.29E-03	7.5E-05	0.01371	1.2E-06	0.01507	1.58E-03	9.13E-05	0.016881	6.75E-07	1.86E-02	0.001397	7.02E-05	0.032145	6.97E-07	0.033613
814	490236.72	3860585.12	0.71429	0.84361	0.63683	1.14841	1.34E-03	7.4E-05	0.01383	1.3E-06	0.01525	1.64E-03	9.07E-05	0.017032	7.18E-07	1.88E-02	0.00145	6.98E-05	0.032434	7.42E-07	0.033955
815	490286.72	3860585.12	0.71546	0.82626	0.66621	1.15099	1.34E-03	7.2E-05	0.01447	1.3E-06	0.01589	1.65E-03	8.88E-05	0.017818	7.2E-07	1.96E-02	0.001453	6.83E-05	0.03393	7.44E-07	0.035452
816	490336.72	3860585.12	0.7163	0.82341	0.64822	1.11513	1.35E-03	7.2E-05	0.01408	1.2E-06	0.0155	1.65E-03	8.85E-05	0.017337	6.97E-07	1.91E-02	0.001454	6.81E-05	0.033014	7.2E-07	0.034537
817	490386.72	3860585.12	0.67119	0.81708	0.63419	1.0994	1.26E-03	7.2E-05	0.01377	1.2E-06	0.01511	1.55E-03	8.78E-05	0.016962	6.88E-07	1.86E-02	0.001363	6.76E-05	0.0323	7.1E-07	0.033731
818	490436.72	3860585.12	0.64857	0.78593	0.62785	1.09556	1.22E-03	6.9E-05	0.01363	1.2E-06	0.01492	1.49E-03	8.45E-05	0.016792	6.85E-07	1.84E-02	0.001317	6.5E-05	0.031977	7.08E-07	0.033359
819	490486.72	3860585.12	0.69406	0.7886	0.61671	1.03179	1.30E-03	6.9E-05	0.01339	1.2E-06	0.01477	1.60E-03	8.48E-05	0.016494	6.45E-07	1.82E-02	0.001409	6.52E-05	0.031409	6.67E-07	0.032884
820	490536.72	3860585.12	0.73214	0.81864	0.64584	1.02707	1.38E-03	7.2E-05	0.01403	1.1E-06	0.01547	1.69E-03	8.8E-05	0.017273	6.42E-07	1.90E-02	0.001487	6.77E-05	0.032893	6.63E-07	0.034448
821	490586.72	3860585.12	0.75575	0.86195	0.64786	1.03759	1.42E-03	7.6E-05	0.01407	1.2E-06	0.01557	1.74E-03	9.27E-05	0.017327	6.49E-07	1.92E-02	0.001534	7.13E-05	0.032996	6.7E-07	0.034602
822	490636.72	3860585.12	0.74169	0.88534	0.64467	1.09207	1.39E-03	7.8E-05	0.014	1.2E-06	0.01547	1.71E-03	9.52E-05	0.017242	6.83E-07	1.90E-02	0.001506	7.32E-05	0.032833	7.05E-07	0.034413
823	490686.72	3860585.12	0.70489	0.88062	0.64003	1.15612	1.32E-03	7.7E-05	0.0139	1.3E-06	0.0153	1.62E-03	9.47E-05	0.017118	7.23E-07	1.88E-02	0.001431	7.28E-05	0.032597	7.47E-07	0.034102
824	490736.72	3860585.12	0.7052	0.86507	0.6383	1.12633	1.33E-03	7.6E-05	0.01386	1.3E-06	0.01526	1.62E-03	9.3E-05	0.017072	7.04E-07	1.88E-02	0.001432	7.15E-05	0.032509	7.28E-07	0.034013
825	490786.72	3860585.12	0.69014	0.82539	0.63365	1.09952	1.30E-03	7.2E-05	0.01376	1.2E-06	0.01513	1.59E-03	8.87E-05	0.016947	6.88E-07	1.86E-02	0.001401	6.83E-05	0.032272	7.1E-07	0.033742
826	490136.72	3860635.12	0.69738	0.83238	0.6171	1.11486	1.31E-03	7.3E-05	0.0134	1.2E-06	0.01479	1.61E-03	8.95E-05	0.016505	6.97E-07	1.82E-02	0.001416	6.88E-05	0.031429	7.2E-07	0.032915
827	490186.72	3860635.12	0.68482	0.83167	0.61781	1.09879	1.29E-03	7.3E-05	0.01342	1.2E-06	0.01478	1.58E-03	8.94E-05	0.016524	6.87E-07	1.82E-02	0.00139	6.88E-05	0.031465	7.1E-07	0.032925
828	490236.72	3860635.12	0.67219	0.8367	0.61888	1.06216	1.26E-03	7.3E-05	0.01344	1.2E-06	0.01478	1.55E-03	8.99E-05	0.016552	6.64E-07	1.82E-02	0.001365	6.92E-05	0.03152	6.86E-07	0.032955
829	490286.72	3860635.12	0.70076	0.82753	0.62266	1.12753	1.32E-03	7.3E-05	0.01352	1.3E-06	0.01491	1.61E-03	8.9E-05	0.016653	7.05E-07	1.84E-02	0.001423	6.84E-05	0.031712	7.28E-07	0.033204
830	490336.72	3860635.12	0.69972	0.80958	0.65367	1.12792	1.31E-03	7.1E-05	0.0142	1.3E-06	0.01558	1.61E-03	8.7E-05	0.017483	7.05E-07	1.92E-02	0.001421	6.7E-05	0.033292	7.29E-07	0.03478
831	490386.72	3860635.12	0.70047	0.80868	0.63697	1.09262	1.32E-03	7.1E-05	0.01383	1.2E-06	0.01522	1.61E-03	8.69E-05	0.017036	6.83E-07	1.87E-02	0.001422	6.69E-05	0.032441	7.06E-07	0.033931
832	490436.72	3860635.12	0.65632	0.80189	0.62413	1.07753	1.23E-03	7E-05	0.01355	1.2E-06	0.01486	1.51E-03	8.62E-05	0.016693	6.74E-07	1.83E-02	0.001333	6.63E-05	0.031787	6.96E-07	0.033187
833	490486.72	3860635.12	0.63117	0.76816	0.61603	1.07313	1.19E-03	6.7E-05	0.01338	1.2E-06	0.01463	1.45E-03	8.26E-05	0.016476	6.71E-07	1.80E-02	0.001282	6.35E-05	0.031375	6.93E-07	0.03272
834	490536.72	3860635.12	0.67459	0.7669	0.60412	1.0105	1.27E-03	6.7E-05	0.01312	1.1E-06	0.01446	1.55E-03	8.24E-05	0.016158	6.32E-07	1.78E-02	0.00137	6.34E-05	0.030768	6.53E-07	0.032202
835	490586.72	3860635.12	0.71124	0.79604	0.62779	1.00406	1.34E-03	7E-05	0.01363	1.1E-06	0.01504	1.64E-03	8.56E-05	0.016791	6.28E-07	1.85E-02	0.001444	6.58E-05	0.031974	6.49E-07	0.033484
836	490636.72	3860635.12	0.73731	0.84435	0.63494	1.01739	1.39E-03	7.4E-05	0.01379	1.1E-06	0.01525	1.70E-03	9.08E-05	0.016982	6.36E-07	1.88E-02	0.001497	6.98E-05	0.032338	6.57E-07	0.033905
837	490686.72	3860635.12	0.72824	0.86919	0.63157	1.06524	1.37E-03	7.6E-05	0.01372	1.2E-06	0.01516	1.68E-03	9.34E-05	0.016892	6.66E-07	1.87E-02	0.001479	7.19E-05	0.032166	6.88E-07	0.033717
838	490736.72	3860635.12	0.69204	0.85849	0.6263	1.13357	1.30E-03	7.5E-05	0.0136	1.3E-06	0.01498	1.59E-03	9.23E-05	0.016751	7.09E-07	1.84E-02	0.001405	7.1E-05	0.031898	7.32E-07	0.033375
839	490786.72	3860635.12	0.68696	0.85057	0.62615	1.10522	1.29E-03	7.5E-05	0.0136	1.2E-06	0.01496	1.58E-03	9.14E-05	0.016747	6.91E-07	1.84E-02	0.001395	7.03E-05	0.03189	7.14E-07	0.033356
840	490136.72	3860685.12	0.68402	0.8074	0.61926	1.04891	1.29E-03	7.1E-05	0.01345	1.2E-06	0.01481	1.58E-03	8.68E-05	0.016563	6.56E-07	1.82E-02	0.001389	6.68E-05	0.031539	6.78E-07	0.032996
841	490186.72	3860685.12	0.68152	0.82297	0.60604	1.1003	1.28E-03	7.2E-05	0.01316	1.2E-06	0.01451	1.57E-03	8.85E-05	0.016209	6.88E-07	1.79E-02	0.001384	6.81E-05	0.030866	7.11E-07	0.032318
842	490236.72	3860685.12	0.66818	0.82013	0.60519	1.07335	1.26E-03	7.2E-05	0.01314	1.2E-06	0.01447	1.54E-03	8.82E-05	0.016186	6.71E-07	1.78E-02	0.001357	6.78E-05	0.030823	6.93E-07	0.032248
843	490286.72	3860685.12	0.65383	0.81957	0.60395	1.0433	1.23E-03	7.2E-05	0.01312	1.2E-06	0.01442	1.51E-03	8.81E-05	0.016153	6.53E-07	1.77E-02	0.001328	6.78E-05	0.03076	6.74E-07	0.032155
844	490336.72	3860685.12	0.68826	0.8128	0.60952	1.10778	1.29E-03	7.1E-05	0.01324	1.2E-06	0.0146	1.58E-03	8.74E-05	0.016302	6.93E-07	1.80E-02	0.001397	6.72E-05	0.031043	7.16E-07	0.032509
845	490386.72	3860685.12	0.68534	0.79448	0.64218	1.10618	1.29E-03	7E-05	0.01395	1.2E-06	0.0153	1.58E-03	8.54E-05	0.017176	6.92E-07	1.88E-02	0.001391	6.57E-05	0.032707	7.15E-07	0.034165
846	490436.72	3860685.12	0.68426	0.79327	0.62518	1.07008	1.29E-03	7E-05	0.01358	1.2E-06	0.01493	1.58E-03	8.53E-05	0.016721	6.69E-07	1.84E-02	0.001389	6.56E-05	0.031841	6.91E-07	0.033296
847	490486.72	3860685.12	0.64049	0.7853	0.61315	1.05514	1.20E-03	6.9E-05	0.01332	1.2E-06	0.01459	1.47E-03	8.44E-05	0.016399	6.6E-07	1.80E-02	0.0013	6.49E-05	0.031228	6.82E-07	0.032594
848	490536.72	3860685.12	0.61539	0.75251	0.60547	1.0521	1.16E-03	6.6E-05	0.01315	1.2E-06	0.01437	1.42E-03	8.09E-05	0.016194	6.58E-07	1.77E-02	0.001249	6.22E-05	0.030837	6.8E-07	0.032149
849	490586.72	3860685.12	0.65679	0.74926	0.59283	0.99029	1.23E-03	6.6E-05	0.01287	1.1E-06	0.01417	1.51E-03	8.05E-05	0.015856	6.19E-07	1.74E-02	0.001334	6.2E-05	0.030193	6.4E-07	0.031589
850	490636.72	3860685.12	0.69489	0.77881	0.61352	0.9841	1.31E-03	6.8E-05	0.01332	1.1E-06	0.0147	1.60E-03	8.37E-05	0.016409	6.15E-07	1.81E-02	0.001411	6.44E-05	0.031247	6.36E-07	0.032723

851	490686.72	3860685.12	0.71936	0.82708	0.6222	0.99769	1.35E-03	7.3E-05	0.01351	1.1E-06	0.01494	1.66E-03	8.89E-05	0.016641	6.24E-07	1.84E-02	0.001461	6.84E-05	0.031689	6.44E-07	0.033219
852	490736.72	3860685.12	0.71391	0.85321	0.61868	1.03908	1.34E-03	7.5E-05	0.01344	1.2E-06	0.01485	1.64E-03	9.17E-05	0.016547	6.5E-07	1.83E-02	0.00145	7.06E-05	0.03151	6.71E-07	0.03303
853	490786.72	3860685.12	0.68262	0.8429	0.6159	1.11287	1.28E-03	7.4E-05	0.01337	1.2E-06	0.01473	1.57E-03	9.06E-05	0.016473	6.96E-07	1.81E-02	0.001386	6.97E-05	0.031368	7.19E-07	0.032825
854	490136.72	3860735.12	0.67015	0.76677	0.58875	0.97896	1.26E-03	6.7E-05	0.01279	1.1E-06	0.01411	1.54E-03	8.24E-05	0.015747	6.12E-07	1.74E-02	0.001361	6.34E-05	0.029985	6.32E-07	0.03141
855	490186.72	3860735.12	0.65899	0.78748	0.60194	1.03082	1.24E-03	6.9E-05	0.01307	1.2E-06	0.01438	1.52E-03	8.47E-05	0.016099	6.45E-07	1.77E-02	0.001338	6.51E-05	0.030657	6.66E-07	0.032061
856	490236.72	3860735.12	0.6531	0.79256	0.58319	1.07779	1.23E-03	7E-05	0.01266	1.2E-06	0.01396	1.50E-03	8.52E-05	0.015598	6.74E-07	1.72E-02	0.001326	6.55E-05	0.029702	6.96E-07	0.031094
857	490286.72	3860735.12	0.6458	0.79962	0.58699	1.04302	1.21E-03	7E-05	0.01275	1.2E-06	0.01403	1.49E-03	8.6E-05	0.015699	6.52E-07	1.73E-02	0.001311	6.61E-05	0.029896	6.74E-07	0.031274
858	490336.72	3860735.12	0.63785	0.80512	0.59092	1.02614	1.20E-03	7.1E-05	0.01283	1.1E-06	0.0141	1.47E-03	8.66E-05	0.015805	6.42E-07	1.74E-02	0.001295	6.66E-05	0.030096	6.63E-07	0.031458
859	490386.72	3860735.12	0.6751	0.79711	0.59833	1.08773	1.27E-03	7E-05	0.01299	1.2E-06	0.01433	1.55E-03	8.57E-05	0.016003	6.8E-07	1.76E-02	0.001371	6.59E-05	0.030473	7.03E-07	0.031911
860	490436.72	3860735.12	0.67334	0.78223	0.63261	1.08644	1.27E-03	6.9E-05	0.01374	1.2E-06	0.01507	1.55E-03	8.41E-05	0.01692	6.8E-07	1.86E-02	0.001367	6.47E-05	0.032219	7.02E-07	0.033652
861	490486.72	3860735.12	0.6711	0.78112	0.61581	1.05002	1.26E-03	6.9E-05	0.01337	1.2E-06	0.0147	1.55E-03	8.4E-05	0.01647	6.57E-07	1.81E-02	0.001363	6.46E-05	0.031364	6.78E-07	0.032791
862	490536.72	3860735.12	0.62616	0.77036	0.60314	1.03401	1.18E-03	6.8E-05	0.0131	1.2E-06	0.01434	1.44E-03	8.28E-05	0.016131	6.47E-07	1.77E-02	0.001271	6.37E-05	0.030718	6.68E-07	0.032054
863	490586.72	3860735.12	0.60015	0.73736	0.59516	1.03163	1.13E-03	6.5E-05	0.01292	1.2E-06	0.01412	1.38E-03	7.93E-05	0.015918	6.45E-07	1.74E-02	0.001219	6.1E-05	0.030312	6.66E-07	0.031592
864	490636.72	3860735.12	0.64051	0.73344	0.58269	0.97131	1.20E-03	6.4E-05	0.01265	1.1E-06	0.01392	1.47E-03	7.88E-05	0.015584	6.07E-07	1.71E-02	0.0013	6.07E-05	0.029677	6.27E-07	0.031038
865	490686.72	3860735.12	0.67871	0.76164	0.59936	0.96447	1.28E-03	6.7E-05	0.01302	1.1E-06	0.01436	1.56E-03	8.19E-05	0.01603	6.03E-07	1.77E-02	0.001378	6.3E-05	0.030526	6.23E-07	0.031967
866	490736.72	3860735.12	0.70172	0.80986	0.60954	0.97841	1.32E-03	7.1E-05	0.01324	1.1E-06	0.01463	1.62E-03	8.71E-05	0.016303	6.12E-07	1.80E-02	0.001425	6.7E-05	0.031044	6.32E-07	0.032537
867	490136.72	3860785.12	0.65225	0.74311	0.56694	0.91594	1.23E-03	6.5E-05	0.01231	1E-06	0.0136	1.50E-03	7.99E-05	0.015163	5.73E-07	1.67E-02	0.001324	6.15E-05	0.028875	5.92E-07	0.030261
868	490186.72	3860785.12	0.64924	0.74908	0.57767	0.96509	1.22E-03	6.6E-05	0.01254	1.1E-06	0.01383	1.50E-03	8.05E-05	0.01545	6.04E-07	1.70E-02	0.001318	6.19E-05	0.029421	6.23E-07	0.030802
869	490236.72	3860785.12	0.64022	0.77407	0.58722	1.01579	1.20E-03	6.8E-05	0.01275	1.1E-06	0.01402	1.47E-03	8.32E-05	0.015706	6.35E-07	1.73E-02	0.0013	6.4E-05	0.029907	6.56E-07	0.031272
870	490286.72	3860785.12	0.63515	0.7697	0.5694	1.05231	1.19E-03	6.8E-05	0.01237	1.2E-06	0.01363	1.46E-03	8.27E-05	0.015229	6.58E-07	1.68E-02	0.00129	6.37E-05	0.029	6.8E-07	0.030354
871	490336.72	3860785.12	0.62815	0.78494	0.57279	1.01702	1.18E-03	6.9E-05	0.01244	1.1E-06	0.01369	1.45E-03	8.44E-05	0.01532	6.36E-07	1.69E-02	0.001275	6.49E-05	0.029173	6.57E-07	0.030513
872	490386.72	3860785.12	0.62255	0.79104	0.58027	1.00929	1.17E-03	6.9E-05	0.0126	1.1E-06	0.01384	1.43E-03	8.5E-05	0.01552	6.31E-07	1.70E-02	0.001264	6.54E-05	0.029553	6.52E-07	0.030884
873	490436.72	3860785.12	0.66188	0.7813	0.58711	1.06771	1.24E-03	6.9E-05	0.01275	1.2E-06	0.01406	1.52E-03	8.4E-05	0.015703	6.68E-07	1.73E-02	0.001344	6.46E-05	0.029902	6.9E-07	0.031311
874	490486.72	3860785.12	0.65768	0.76488	0.61966	1.06393	1.24E-03	6.7E-05	0.01346	1.2E-06	0.01476	1.51E-03	8.22E-05	0.016573	6.65E-07	1.82E-02	0.001335	6.33E-05	0.03156	6.87E-07	0.032959
875	490536.72	3860785.12	0.65519	0.76556	0.60388	1.02808	1.23E-03	6.7E-05	0.01311	1.1E-06	0.01441	1.51E-03	8.23E-05	0.016151	6.43E-07	1.77E-02	0.00133	6.33E-05	0.030756	6.64E-07	0.03215
876	490586.72	3860785.12	0.61161	0.75498	0.59099	1.01284	1.15E-03	6.6E-05	0.01283	1.1E-06	0.01405	1.41E-03	8.12E-05	0.015806	6.33E-07	1.73E-02	0.001242	6.24E-05	0.030099	6.54E-07	0.031404
877	490636.72	3860785.12	0.58547	0.72275	0.58513	1.01172	1.10E-03	6.3E-05	0.01271	1.1E-06	0.01387	1.35E-03	7.77E-05	0.01565	6.33E-07	1.71E-02	0.001189	5.98E-05	0.029801	6.54E-07	0.03105
878	490686.72	3860785.12	0.62537	0.71891	0.57337	0.9534	1.18E-03	6.3E-05	0.01245	1.1E-06	0.01369	1.44E-03	7.73E-05	0.015335	5.96E-07	1.69E-02	0.00127	5.95E-05	0.029202	6.16E-07	0.030532
879	490736.72	3860785.12	0.66303	0.74496	0.58557	0.94541	1.25E-03	6.5E-05	0.01272	1.1E-06	0.01403	1.53E-03	8.01E-05	0.015661	5.91E-07	1.73E-02	0.001346	6.16E-05	0.029823	6.11E-07	0.031232
880	490086.72	3860835.12	0.61663	0.71843	0.54736	0.88761	1.16E-03	6.3E-05	0.01189	9.9E-07	0.01311	1.42E-03	7.72E-05	0.01464	5.55E-07	1.61E-02	0.001252	5.94E-05	0.027877	5.73E-07	0.029189
881	490136.72	3860835.12	0.62926	0.72353	0.54943	0.89626	1.18E-03	6.3E-05	0.01193	1E-06	0.01318	1.45E-03	7.78E-05	0.014695	5.61E-07	1.62E-02	0.001278	5.98E-05	0.027983	5.79E-07	0.029321
882	490186.72	3860835.12	0.63837	0.72711	0.55851	0.89885	1.20E-03	6.4E-05	0.01213	1E-06	0.01339	1.47E-03	7.82E-05	0.014938	5.62E-07	1.65E-02	0.001296	6.01E-05	0.028445	5.81E-07	0.029802
883	490236.72	3860835.12	0.63121	0.738	0.56844	0.95252	1.19E-03	6.5E-05	0.01234	1.1E-06	0.0136	1.45E-03	7.93E-05	0.015203	5.96E-07	1.67E-02	0.001282	6.1E-05	0.028951	6.15E-07	0.030294
884	490286.72	3860835.12	0.62362	0.76258	0.57424	1.00203	1.17E-03	6.7E-05	0.01247	1.1E-06	0.01371	1.44E-03	8.2E-05	0.015358	6.27E-07	1.69E-02	0.001266	6.31E-05	0.029246	6.47E-07	0.030576
885	490336.72	3860835.12	0.61843	0.74816	0.55635	1.03326	1.16E-03	6.6E-05	0.01208	1.2E-06	0.01331	1.42E-03	8.04E-05	0.01488	6.46E-07	1.64E-02	0.001256	6.19E-05	0.028335	6.67E-07	0.029653
886	490386.72	3860835.12	0.61203	0.77168	0.5597	0.99249	1.15E-03	6.8E-05	0.01215	1.1E-06	0.01337	1.41E-03	8.3E-05	0.01497	6.21E-07	1.65E-02	0.001243	6.38E-05	0.028506	6.41E-07	0.029813
887	490436.72	3860835.12	0.60656	0.77493	0.56893	0.99131	1.14E-03	6.8E-05	0.01235	1.1E-06	0.01356	1.40E-03	8.33E-05	0.015216	6.2E-07	1.67E-02	0.001232	6.41E-05	0.028976	6.4E-07	0.030272
888	490486.72	3860835.12	0.649	0.76591	0.57618	1.04815	1.22E-03	6.7E-05	0.01251	1.2E-06	0.0138	1.49E-03	8.23E-05	0.01541	6.56E-07	1.70E-02	0.001318	6.33E-05	0.029345	6.77E-07	0.030727
889	490536.72	3860835.12	0.64188	0.74726	0.60649	1.04132	1.21E-03	6.6E-05	0.01317	1.2E-06	0.01444	1.48E-03	8.03E-05	0.016221	6.51E-07	1.78E-02	0.001303	6.18E-05	0.030889	6.73E-07	0.032255
890	490586.72	3860835.12	0.63901	0.7495	0.59157	1.00597	1.20E-03	6.6E-05	0.01285	1.1E-06	0.01411	1.47E-03	8.06E-05	0.015822	6.29E-07	1.74E-02	0.001297	6.2E-05	0.030129	6.5E-07	0.031489
891	490636.72	3860835.12	0.59829	0.74093	0.57805	0.99281	1.12E-03	6.5E-05	0.01255	1.1E-06	0.01374	1.38E-03	7.97E-05	0.01546	6.21E-07	1.69E-02	0.001215	6.13E-05	0.02944	6.41E-07	0.030717
892	490686.72	3860835.12	0.57239	0.71028	0.57643	0.99356	1.08E-03	6.2E-05	0.01252	1.1E-06	0.01366	1.32E-03	7.64E-05	0.015417	6.21E-07	1.68E-02	0.001162	5.87E-05	0.029358	6.42E-07	0.030579
893	490736.72	3860835.12	0.61203	0.7065	0.56557	0.93726	1.15E-03	6.2E-05	0.01228	1E-06	0.0135	1.41E-03	7.6E-05	0.015127	5.86E-07	1.66E-02	0.001243	5.84E-05	0.028805	6.05E-07	0.030106
894	490086.72	3860885.12	0.59377	0.68995	0.53817	0.86821	1.12E-03	6.1E-05	0.01169	9.7E-07	0.01286	1.37E-03	7.42E-05	0.014394	5.43E-07	1.58E-02	0.001206	5.71E-05	0.027409	5.61E-07	0.028673
895	490136.72	3860885.12	0.60584	0.71256	0.53705	0.86952	1.14E-03	6.3E-05	0.01166	9.7E-07	0.01286	1.40E-03	7.66E-05	0.014364	5.44E-07	1.58E-02	0.00123	5.89E-05	0.027352	5.62E-07	0.028642
896	490186.72	3860885.12	0.61604	0.70748	0.53751	0.88165	1.16E-03	6.2E-05	0.01167	9.9E-07	0.01289	1.42E-03	7.61E-05	0.014376	5.51E-07	1.59E-02	0.001251	5.85E-05	0.027376	5.7E-07	0.028686
897	490236.72	3860885.12	0.62143	0.71198	0.55043	0.88445	1.17E-03	6.2E-05	0.01195	9.9E-07	0.01318	1.43E-03	7.65E-05	0.014722	5.53E-07	1.62E-02	0.001262	5.89E-05	0.028034	5.71E-07	0.029355
898	490286.72	3860885.12	0.61495	0.72821	0.56018	0.94074	1.16E-03	6.4E-05	0.01216	1.1E-06	0.01339	1.42E-03	7.83E-05	0.014982	5.88E-07	1.65E-02	0.001249	6.02E-05	0.02853	6.08E-07	0.02984
899	490336.72	3860885.12	0.60845	0.74725	0.56103	0.98797	1.14E-03	6.6E-05	0.01218	1.1E-06	0.01339	1.40E-03	8.03E-05	0.015005	6.18E-07	1.65E-02	0.001235	6.18E-05	0.028574	6.38E-07	0.029871
900	490386.72	3860885.12	0.6032	0.7284	0.54434	1.01728	1.13E-03	6.4E-05	0.01182	1.1E-06	0.01302	1.39E-03	7.83E-05	0.014559	6.36E-07	1.60E-02	0.001225	6.02E-05	0.027724	6.57E-07	0.029009
901	490436.72	3860885.12	0.59813	0.76079	0.54834	0.97033	1.12E-03	6.7E-05	0.01191	1.1E-06	0.0131	1.38E-03	8.18E-05	0.014666	6.07E-07	1.61E-02	0.001214	6.29E-05	0.027927	6.27E-07	0.029205
902	490486.72	3860885.12	0.59581	0.76118	0.55905	0.97489	1.12E-03	6.7E-05	0.01214	1.1E-06	0.01333	1.37E-03	8.18E-05	0.014952	6.1E-07	1.64E-02	0.00121	6.29E-05	0.028473	6.3E-07	0.029746
903	490536.72	3860885.12	0.63627	0.7507	0.56538	1.02881	1.20E-03	6.6E-05	0.01228	1.1E-06	0.01354	1.47E-03	8.07E-05	0.015121	6.43E-07	1.67E-02	0.001292	6.21E-05	0.028795	6.65E-07	0.03015
904	490586.72	3860885.12	0.62764	0.73148	0.59455	1.02011	1.18E-03	6.4E-05	0.01291	1.1E-06	0.01416	1.45E-03	7.86E-05	0.015902	6.38E-07	1.74E-02	0.001274	6.05E-05	0.030281	6.59E-07	0.031616
905	490636.72	3860885.12	0.62452	0.7352	0.58055	0.9854	1.17E-03	6.4E-05	0.01261	1.1E-06	0.01385	1.44E-03	7.9E-05	0.015527	6.16E-07	1.70E-02	0.001268	6.08E-05	0.029568	6.37E-07	0.030897
906	490686.72	3860885.12	0.5856	0.7275	0.56571	0.97348	1.10E-03	6.4E-05	0.01228	1.1E-06	0.01345	1.35E-03	7.82E-05	0.01513	6.09E-07	1.66E-02	0.001189	6.02E-05	0.028812	6.29E-07	0.030062
907	490736.72	3860885.12	0.55923	0.69743	0.56744	0.97523	1.05E-03	6.1E-05	0.01232	1.1E-06	0.01344	1.29E-03	7.5E-05	0.015177	6.1E-07	1.65E-02	0.001135	5.77E-05	0.0289	6.3E-07	0.030094
908	490086.72	3860935.12	0.56999	0.64239	0.53106	0.86097	1.07E-03	5.6E-05	0.01153	9.6E-07	0.01266	1.31E-03	6.91E-05	0.014204	5.38E-07	1.56E-02	0.001157	5.31E-05	0.027047	5.56E-07	0.028258
909	490136.72	3860935.12	0.5817	0.68295	0.52541	0.84979	1.09E-03	6E-05	0.01141	9.5E-07	0.01256	1.34E-03	7.34E-05	0.014052	5.31E-07	1.55E-02	0.001181	5.65E-05	0.026759	5.49E-07	0.027998
910	490186.72	3860935.12	0.59337	0.70478	0.52542	0.85608	1.12E-03	6.2E-05	0.01141	9.6E-07	0.01259	1.37E-03	7.58E-05	0.014053	5.35E-07	1.55E-02	0.001205	5.83E-05	0.02676	5.53E-07	0.028024
911	490236.72	3860935.12	0.60337	0.69239	0.52612	0.86734	1.13E-03	6.1E-05	0.01143	9.7E-07	0.01262	1.39E-03	7.44E-05	0.014071	5.42E-07	1.55E-02	0.001225	5.73E-05	0.026796	5.6E-07	0.028078

912	490286.72	3860935.12	0.6053	0.69749	0.54259	0.87197	1.14E-03	6.1E-05	0.01178	9.7E-07	0.01298	1.39E-03	7.5E-05	0.014512	5.45E-07	1.60E-02	0.001229	5.77E-05	0.027634	5.63E-07	0.028922
913	490336.72	3860935.12	0.59891	0.71795	0.55159	0.92858	1.13E-03	6.3E-05	0.01198	1E-06	0.01317	1.38E-03	7.72E-05	0.014753	5.81E-07	1.62E-02	0.001216	5.94E-05	0.028093	6E-07	0.029369
914	490386.72	3860935.12	0.59419	0.732	0.54983	0.9756	1.12E-03	6.4E-05	0.01194	1.1E-06	0.01312	1.37E-03	7.87E-05	0.014706	6.1E-07	1.62E-02	0.001206	6.05E-05	0.028003	6.3E-07	0.029271
915	490436.72	3860935.12	0.58955	0.71053	0.53408	1.0024	1.11E-03	6.2E-05	0.0116	1.1E-06	0.01277	1.36E-03	7.64E-05	0.014284	6.27E-07	1.57E-02	0.001197	5.88E-05	0.027201	6.48E-07	0.028457
916	490486.72	3860935.12	0.58387	0.74885	0.53648	0.94801	1.10E-03	6.6E-05	0.01165	1.1E-06	0.01281	1.34E-03	8.05E-05	0.014349	5.93E-07	1.58E-02	0.001185	6.19E-05	0.027323	6.12E-07	0.028571
917	490536.72	3860935.12	0.58509	0.74743	0.5492	0.95859	1.10E-03	6.6E-05	0.01193	1.1E-06	0.01309	1.35E-03	8.04E-05	0.014689	6E-07	1.61E-02	0.001188	6.18E-05	0.027971	6.19E-07	0.029221
918	490586.72	3860935.12	0.62402	0.73611	0.55496	1.00997	1.17E-03	6.5E-05	0.01205	1.1E-06	0.01329	1.44E-03	7.91E-05	0.014843	6.32E-07	1.64E-02	0.001267	6.09E-05	0.028264	6.52E-07	0.029593
919	490636.72	3860935.12	0.61439	0.71689	0.58342	0.99993	1.15E-03	6.3E-05	0.01267	1.1E-06	0.01389	1.41E-03	7.71E-05	0.015604	6.25E-07	1.71E-02	0.001247	5.93E-05	0.029714	6.46E-07	0.031021
920	490686.72	3860935.12	0.6114	0.72227	0.57056	0.96623	1.15E-03	6.3E-05	0.01239	1.1E-06	0.0136	1.41E-03	7.76E-05	0.01526	6.04E-07	1.67E-02	0.001241	5.97E-05	0.029059	6.24E-07	0.030361
921	490736.72	3860935.12	0.57343	0.71455	0.55668	0.95472	1.08E-03	6.3E-05	0.01209	1.1E-06	0.01323	1.32E-03	7.68E-05	0.014889	5.97E-07	1.63E-02	0.001164	5.91E-05	0.028352	6.17E-07	0.029576
922	490786.72	3860935.12	0.54654	0.68503	0.55639	0.95598	1.03E-03	6E-05	0.01208	1.1E-06	0.01317	1.26E-03	7.36E-05	0.014881	5.98E-07	1.62E-02	0.00111	5.67E-05	0.028337	6.18E-07	0.029504
923	490836.72	3860935.12	0.58438	0.67976	0.54819	0.90418	1.10E-03	6E-05	0.0119	1E-06	0.01306	1.35E-03	7.31E-05	0.014662	5.66E-07	1.61E-02	0.001187	5.62E-05	0.02792	5.84E-07	0.029163
924	490086.72	3860985.12	0.54767	0.66039	0.53007	0.86695	1.03E-03	5.8E-05	0.01151	9.7E-07	0.0126	1.26E-03	7.1E-05	0.014177	5.42E-07	1.55E-02	0.001112	5.46E-05	0.026997	5.6E-07	0.028164
925	490136.72	3860985.12	0.56062	0.6388	0.5222	0.83797	1.05E-03	5.6E-05	0.01134	9.4E-07	0.01245	1.29E-03	6.87E-05	0.013967	5.24E-07	1.53E-02	0.001138	5.28E-05	0.026596	5.41E-07	0.027788
926	490186.72	3860985.12	0.57297	0.67114	0.51778	0.83023	1.08E-03	5.9E-05	0.01124	9.3E-07	0.01238	1.32E-03	7.21E-05	0.013848	5.19E-07	1.52E-02	0.001163	5.55E-05	0.026371	5.36E-07	0.02759
927	490236.72	3860985.12	0.58524	0.69256	0.51523	0.84416	1.10E-03	6.1E-05	0.01119	9.4E-07	0.01235	1.35E-03	7.45E-05	0.01378	5.28E-07	1.52E-02	0.001188	5.73E-05	0.026241	5.45E-07	0.027487
928	490286.72	3860985.12	0.59128	0.67826	0.51672	0.85342	1.11E-03	6E-05	0.01122	9.5E-07	0.01239	1.36E-03	7.29E-05	0.01382	5.34E-07	1.53E-02	0.001201	5.61E-05	0.026317	5.51E-07	0.027574
929	490336.72	3860985.12	0.59533	0.68322	0.53454	0.86194	1.12E-03	6E-05	0.01161	9.6E-07	0.01279	1.37E-03	7.34E-05	0.014297	5.39E-07	1.57E-02	0.001209	5.65E-05	0.027224	5.57E-07	0.02849
930	490386.72	3860985.12	0.58452	0.70898	0.54399	0.9173	1.10E-03	6.2E-05	0.01181	1E-06	0.01297	1.35E-03	7.62E-05	0.014549	5.74E-07	1.60E-02	0.001187	5.86E-05	0.027706	5.93E-07	0.028952
931	490436.72	3860985.12	0.5808	0.72039	0.53919	0.96357	1.09E-03	6.3E-05	0.01171	1.1E-06	0.01286	1.34E-03	7.74E-05	0.014421	6.03E-07	1.58E-02	0.001179	5.96E-05	0.027461	6.22E-07	0.028701
932	490486.72	3860985.12	0.57568	0.69921	0.5244	0.98025	1.08E-03	6.1E-05	0.01139	1.1E-06	0.01253	1.33E-03	7.52E-05	0.014025	6.13E-07	1.54E-02	0.001169	5.78E-05	0.026708	6.33E-07	0.027935
933	490536.72	3860985.12	0.56994	0.73661	0.52476	0.92609	1.07E-03	6.5E-05	0.0114	1E-06	0.01253	1.31E-03	7.92E-05	0.014035	5.79E-07	1.54E-02	0.001157	6.09E-05	0.026726	5.98E-07	0.027945
934	490586.72	3860985.12	0.57399	0.73311	0.539	0.94189	1.08E-03	6.4E-05	0.0117	1.1E-06	0.01285	1.32E-03	7.88E-05	0.014416	5.89E-07	1.58E-02	0.001165	6.06E-05	0.027452	6.08E-07	0.028678
935	490636.72	3860985.12	0.61251	0.72246	0.54517	0.99194	1.15E-03	6.3E-05	0.01184	1.1E-06	0.01305	1.41E-03	7.77E-05	0.014581	6.2E-07	1.61E-02	0.001244	5.97E-05	0.027766	6.41E-07	0.02907
936	490686.72	3860985.12	0.60215	0.70347	0.57309	0.98083	1.13E-03	6.2E-05	0.01245	1.1E-06	0.01364	1.39E-03	7.56E-05	0.015328	6.13E-07	1.68E-02	0.001223	5.82E-05	0.029188	6.34E-07	0.030469
937	490736.72	3860985.12	0.59843	0.70936	0.56056	0.9473	1.12E-03	6.2E-05	0.01217	1.1E-06	0.01336	1.38E-03	7.63E-05	0.014993	5.92E-07	1.64E-02	0.001215	5.87E-05	0.02855	6.12E-07	0.029824
938	490786.72	3860985.12	0.56168	0.70199	0.54788	0.9365	1.06E-03	6.2E-05	0.0119	1E-06	0.01302	1.29E-03	7.55E-05	0.014653	5.86E-07	1.60E-02	0.00114	5.81E-05	0.027904	6.05E-07	0.029103
939	490836.72	3860985.12	0.5349	0.67397	0.54713	0.93811	1.01E-03	5.9E-05	0.01188	1E-06	0.01295	1.23E-03	7.25E-05	0.014633	5.87E-07	1.59E-02	0.001086	5.57E-05	0.027866	6.06E-07	0.029008
940	490086.72	3861035.12	0.53572	0.66437	0.51812	0.86138	1.01E-03	5.8E-05	0.01125	9.6E-07	0.01232	1.23E-03	7.14E-05	0.013857	5.39E-07	1.52E-02	0.001088	5.49E-05	0.026388	5.56E-07	0.027531
941	490136.72	3861035.12	0.53927	0.64103	0.52016	0.8484	1.01E-03	5.6E-05	0.0113	9.5E-07	0.01237	1.24E-03	6.89E-05	0.013912	5.31E-07	1.52E-02	0.001095	5.3E-05	0.026492	5.48E-07	0.027641
942	490186.72	3861035.12	0.55141	0.63515	0.51385	0.81663	1.04E-03	5.6E-05	0.01116	9.1E-07	0.01225	1.27E-03	6.83E-05	0.013743	5.11E-07	1.51E-02	0.00112	5.25E-05	0.026171	5.28E-07	0.027343
943	490236.72	3861035.12	0.56264	0.6569	0.50876	0.81641	1.06E-03	5.8E-05	0.01105	9.1E-07	0.01216	1.30E-03	7.06E-05	0.013607	5.11E-07	1.50E-02	0.001142	5.43E-05	0.025911	5.27E-07	0.027109
944	490286.72	3861035.12	0.57797	0.67184	0.50589	0.83203	1.09E-03	5.9E-05	0.01099	9.3E-07	0.01213	1.33E-03	7.22E-05	0.01353	5.2E-07	1.49E-02	0.001173	5.56E-05	0.025765	5.37E-07	0.026995
945	490336.72	3861035.12	0.57939	0.66457	0.50963	0.83975	1.09E-03	5.8E-05	0.01107	9.4E-07	0.01222	1.33E-03	7.14E-05	0.01363	5.25E-07	1.50E-02	0.001176	5.5E-05	0.025956	5.42E-07	0.027188
946	490386.72	3861035.12	0.58736	0.67583	0.52771	0.85316	1.10E-03	5.9E-05	0.01146	9.5E-07	0.01262	1.35E-03	7.27E-05	0.014114	5.34E-07	1.55E-02	0.001193	5.59E-05	0.026877	5.51E-07	0.028126
947	490436.72	3861035.12	0.57189	0.70148	0.53753	0.90705	1.07E-03	6.2E-05	0.01167	1E-06	0.01281	1.32E-03	7.54E-05	0.014377	5.67E-07	1.58E-02	0.001161	5.8E-05	0.027377	5.86E-07	0.028596
948	490486.72	3861035.12	0.56732	0.71026	0.52821	0.95115	1.07E-03	6.2E-05	0.01147	1.1E-06	0.0126	1.31E-03	7.64E-05	0.014127	5.95E-07	1.55E-02	0.001152	5.87E-05	0.026902	6.14E-07	0.028113
949	490536.72	3861035.12	0.56232	0.68924	0.51491	0.95882	1.06E-03	6E-05	0.01118	1.1E-06	0.0123	1.29E-03	7.41E-05	0.013772	6E-07	1.51E-02	0.001142	5.7E-05	0.026225	6.19E-07	0.027424
950	490586.72	3861035.12	0.55685	0.72433	0.51363	0.90514	1.05E-03	6.4E-05	0.01115	1E-06	0.01226	1.28E-03	7.79E-05	0.013737	5.66E-07	1.51E-02	0.001131	5.99E-05	0.026159	5.85E-07	0.027351
951	490636.72	3861035.12	0.56387	0.72015	0.52967	0.92629	1.06E-03	6.3E-05	0.0115	1E-06	0.01263	1.30E-03	7.74E-05	0.014166	5.79E-07	1.55E-02	0.001145	5.96E-05	0.026976	5.98E-07	0.028181
952	490686.72	3861035.12	0.60075	0.70849	0.53551	0.97375	1.13E-03	6.2E-05	0.01163	1.1E-06	0.01282	1.38E-03	7.62E-05	0.014323	6.09E-07	1.58E-02	0.00122	5.86E-05	0.027274	6.29E-07	0.028553
953	490736.72	3861035.12	0.58987	0.68989	0.56266	0.96178	1.11E-03	6.1E-05	0.01222	1.1E-06	0.01339	1.36E-03	7.42E-05	0.015049	6.02E-07	1.65E-02	0.001198	5.71E-05	0.028657	6.21E-07	0.029912
954	490786.72	3861035.12	0.58655	0.69757	0.55139	0.92954	1.10E-03	6.1E-05	0.01197	1E-06	0.01314	1.35E-03	7.5E-05	0.014747	5.81E-07	1.62E-02	0.001191	5.77E-05	0.028083	6E-07	0.029332
955	490836.72	3861035.12	0.55103	0.69062	0.53986	0.91946	1.04E-03	6.1E-05	0.01172	1E-06	0.01282	1.27E-03	7.42E-05	0.014439	5.75E-07	1.58E-02	0.001119	5.71E-05	0.027495	5.94E-07	0.028672
956	490086.72	3861085.12	0.52995	0.65973	0.51115	0.85043	9.96E-04	5.8E-05	0.0111	9.5E-07	0.01215	1.22E-03	7.09E-05	0.013671	5.32E-07	1.50E-02	0.001076	5.46E-05	0.026033	5.49E-07	0.027164
957	490136.72	3861085.12	0.52971	0.6486	0.5079	0.8491	9.95E-04	5.7E-05	0.01103	9.5E-07	0.01208	1.22E-03	6.97E-05	0.013584	5.31E-07	1.49E-02	0.001076	5.36E-05	0.025868	5.48E-07	0.026997
958	490186.72	3861085.12	0.5327	0.62457	0.512	0.82637	1.00E-03	5.5E-05	0.01112	9.2E-07	0.01218	1.23E-03	6.71E-05	0.013694	5.17E-07	1.50E-02	0.001082	5.17E-05	0.026076	5.34E-07	0.02721
959	490236.72	3861085.12	0.54341	0.63266	0.50666	0.79756	1.02E-03	5.6E-05	0.011	8.9E-07	0.01208	1.25E-03	6.8E-05	0.013551	4.99E-07	1.49E-02	0.001103	5.23E-05	0.025804	5.15E-07	0.026961
960	490286.72	3861085.12	0.55302	0.644	0.5004	0.80605	1.04E-03	5.6E-05	0.01087	9E-07	0.01196	1.27E-03	6.92E-05	0.013384	5.04E-07	1.47E-02	0.001123	5.33E-05	0.025486	5.21E-07	0.026662
961	490336.72	3861085.12	0.56956	0.65273	0.4979	0.82039	1.07E-03	5.7E-05	0.01081	9.2E-07	0.01194	1.31E-03	7.02E-05	0.013317	5.13E-07	1.47E-02	0.001156	5.4E-05	0.025358	5.3E-07	0.026569
962	490386.72	3861085.12	0.567	0.65363	0.50411	0.81779	1.07E-03	5.7E-05	0.01095	9.1E-07	0.01207	1.31E-03	7.03E-05	0.013483	5.11E-07	1.49E-02	0.001151	5.41E-05	0.025675	5.28E-07	0.02688
963	490436.72	3861085.12	0.57613	0.66845	0.52097	0.84445	1.08E-03	5.9E-05	0.01131	9.4E-07	0.01246	1.33E-03	7.19E-05	0.013934	5.28E-07	1.53E-02	0.00117	5.53E-05	0.026533	5.45E-07	0.027759
964	490486.72	3861085.12	0.55808	0.69201	0.52961	0.89523	1.05E-03	6.1E-05	0.0115	1E-06	0.01261	1.29E-03	7.44E-05	0.014165	5.6E-07	1.55E-02	0.001133	5.72E-05	0.026973	5.78E-07	0.028164
965	490536.72	3861085.12	0.55446	0.70038	0.51761	0.93896	1.04E-03	6.1E-05	0.01124	1E-06	0.01234	1.28E-03	7.53E-05	0.013844	5.87E-07	1.52E-02	0.001126	5.79E-05	0.026362	6.07E-07	0.027546
966	490586.72	3861085.12	0.54948	0.67945	0.50565	0.93809	1.03E-03	6E-05	0.01098	1E-06	0.01207	1.27E-03	7.3E-05	0.013524	5.87E-07	1.49E-02	0.001116	5.62E-05	0.025753	6.06E-07	0.026925
967	490636.72	3861085.12	0.54362	0.71148	0.50226	0.88405	1.02E-03	6.2E-05	0.01091	9.9E-07	0.01199	1.25E-03	7.65E-05	0.013433	5.53E-07	1.48E-02	0.001104	5.88E-05	0.02558	5.71E-07	0.026744
968	490686.72	3861085.12	0.55352	0.70684	0.52014	0.91051	1.04E-03	6.2E-05	0.0113	1E-06	0.0124	1.27E-03	7.6E-05	0.013911	5.69E-07	1.53E-02	0.001124	5.85E-05	0.026491	5.88E-07	0.027674
969	490736.72	3861085.12	0.58987	0.69562	0.52677	0.95659	1.11E-03	6.1E-05	0.01144	1.1E-06	0.01261	1.36E-03	7.48E-05	0.014089	5.98E-07	1.55E-02	0.001198	5.75E-05	0.026829	6.18E-07	0.028085
970	490786.72	3861085.12	0.57877	0.67773	0.5532	0.94414	1.09E-03	5.9E-05	0.01201	1.1E-06	0.01316	1.33E-03	7.29E-05	0.014796	5.91E-07	1.62E-02	0.001175	5.6E-05	0.028175	6.1E-07	0.029407
971	490836.72	3861085.12	0.57505	0.68606	0.54243	0.91228	1.08E-03	6E-05	0.01178	1E-06	0.01292	1.32E-03	7.38E-05	0.014508	5.71E-07	1.59E-02	0.001168	5.67E-05	0.027626	5.89E-07	0.028851
972	490086.72	3861135.12	0.52333	0.659	0.4927	0.83445	9.83E-04	5.8E-05	0.0107	9.3E-07	0.01174	1.21E-03	7.08E-05	0.013178	5.22E-07	1.45E-02	0.001063	5.45E-05	0.025093	5.39E-07	0.026211

973	490136.72	3861135.12	0.51627	0.64245	0.5008	0.83953	9.70E-04	5.6E-05	0.01088	9.4E-07	0.0119	1.19E-03	6.91E-05	0.013394	5.25E-07	1.47E-02	0.001048	5.31E-05	0.025506	5.42E-07	0.026608
974	490186.72	3861135.12	0.51913	0.63322	0.49792	0.83586	9.76E-04	5.6E-05	0.01081	9.3E-07	0.01184	1.20E-03	6.81E-05	0.013317	5.23E-07	1.46E-02	0.001054	5.24E-05	0.025359	5.4E-07	0.026466
975	490236.72	3861135.12	0.52419	0.60571	0.50241	0.80226	9.85E-04	5.3E-05	0.01091	9E-07	0.01195	1.21E-03	6.51E-05	0.013437	5.02E-07	1.47E-02	0.001064	5.01E-05	0.025588	5.18E-07	0.026703
976	490286.72	3861135.12	0.53481	0.62921	0.49894	0.77912	1.01E-03	5.5E-05	0.01083	8.7E-07	0.0119	1.23E-03	6.76E-05	0.013344	4.87E-07	1.46E-02	0.001086	5.2E-05	0.025411	5.03E-07	0.02655
977	490336.72	3861135.12	0.54377	0.6319	0.49242	0.7962	1.02E-03	5.5E-05	0.01069	8.9E-07	0.01177	1.25E-03	6.79E-05	0.01317	4.98E-07	1.45E-02	0.001104	5.23E-05	0.025079	5.14E-07	0.026236
978	490386.72	3861135.12	0.55538	0.63676	0.49075	0.80969	1.04E-03	5.6E-05	0.01066	9E-07	0.01176	1.28E-03	6.85E-05	0.013125	5.06E-07	1.45E-02	0.001128	5.27E-05	0.024994	5.23E-07	0.026175
979	490436.72	3861135.12	0.55365	0.64162	0.49599	0.79439	1.04E-03	5.6E-05	0.01077	8.9E-07	0.01187	1.27E-03	6.9E-05	0.013266	4.97E-07	1.46E-02	0.001124	5.31E-05	0.025261	5.13E-07	0.026439
980	490486.72	3861135.12	0.56478	0.66083	0.51412	0.83564	1.06E-03	5.8E-05	0.01116	9.3E-07	0.01228	1.30E-03	7.1E-05	0.01375	5.23E-07	1.51E-02	0.001147	5.46E-05	0.026184	5.4E-07	0.027386
981	490536.72	3861135.12	0.54551	0.68352	0.52244	0.88435	1.03E-03	6E-05	0.01135	9.9E-07	0.01243	1.26E-03	7.35E-05	0.013973	5.53E-07	1.53E-02	0.001108	5.65E-05	0.026608	5.71E-07	0.027773
982	490586.72	3861135.12	0.54123	0.68946	0.50644	0.9262	1.02E-03	6E-05	0.011	1E-06	0.01208	1.25E-03	7.41E-05	0.013545	5.79E-07	1.49E-02	0.001099	5.7E-05	0.025793	5.98E-07	0.02695
983	490636.72	3861135.12	0.53622	0.66865	0.4958	0.91679	1.01E-03	5.9E-05	0.01077	1E-06	0.01183	1.23E-03	7.19E-05	0.013261	5.73E-07	1.46E-02	0.001089	5.53E-05	0.025251	5.92E-07	0.026396
984	490686.72	3861135.12	0.53152	0.69982	0.49179	0.86442	9.99E-04	6.1E-05	0.01068	9.7E-07	0.01174	1.22E-03	7.52E-05	0.013153	5.41E-07	1.45E-02	0.001079	5.79E-05	0.025047	5.58E-07	0.026185
985	490736.72	3861135.12	0.54462	0.69554	0.5119	0.89634	1.02E-03	6.1E-05	0.01112	1E-06	0.0122	1.25E-03	7.48E-05	0.013691	5.61E-07	1.50E-02	0.001106	5.75E-05	0.026071	5.79E-07	0.027235
986	490786.72	3861135.12	0.5793	0.68422	0.51891	0.94082	1.09E-03	6E-05	0.01127	1.1E-06	0.01242	1.33E-03	7.36E-05	0.013879	5.88E-07	1.53E-02	0.001176	5.66E-05	0.026428	6.08E-07	0.027662
987	490836.72	3861135.12	0.56816	0.66611	0.54413	0.92718	1.07E-03	5.8E-05	0.01182	1E-06	0.01294	1.31E-03	7.16E-05	0.014553	5.8E-07	1.59E-02	0.001154	5.51E-05	0.027713	5.99E-07	0.028922
988	490086.72	3861185.12	0.51368	0.6453	0.49549	0.81418	9.65E-04	5.7E-05	0.01076	9.1E-07	0.01178	1.18E-03	6.94E-05	0.013252	5.09E-07	1.45E-02	0.001043	5.34E-05	0.025236	5.26E-07	0.026332
989	490136.72	3861185.12	0.51288	0.63932	0.48934	0.82422	9.64E-04	5.6E-05	0.01063	9.2E-07	0.01165	1.18E-03	6.87E-05	0.013088	5.16E-07	1.43E-02	0.001041	5.29E-05	0.024922	5.32E-07	0.026017
990	490186.72	3861185.12	0.50168	0.62483	0.48984	0.8271	9.43E-04	5.5E-05	0.01064	9.2E-07	0.01164	1.16E-03	6.72E-05	0.013101	5.17E-07	1.43E-02	0.001019	5.17E-05	0.024948	5.34E-07	0.026019
991	490236.72	3861185.12	0.50773	0.61722	0.49014	0.8212	9.54E-04	5.4E-05	0.01064	9.2E-07	0.01165	1.17E-03	6.64E-05	0.013109	5.14E-07	1.43E-02	0.001031	5.1E-05	0.024963	5.3E-07	0.026046
992	490286.72	3861185.12	0.51584	0.58842	0.49315	0.77877	9.69E-04	5.2E-05	0.01071	8.7E-07	0.01173	1.19E-03	6.33E-05	0.01319	4.87E-07	1.44E-02	0.001047	4.87E-05	0.025116	5.03E-07	0.026213
993	490336.72	3861185.12	0.52448	0.615	0.48966	0.77379	9.86E-04	5.4E-05	0.01063	8.6E-07	0.01167	1.21E-03	6.61E-05	0.013096	4.84E-07	1.44E-02	0.001065	5.09E-05	0.024939	5E-07	0.026055
994	490386.72	3861185.12	0.53632	0.62102	0.48353	0.78511	1.01E-03	5.4E-05	0.0105	8.8E-07	0.01156	1.24E-03	6.68E-05	0.012932	4.91E-07	1.42E-02	0.001089	5.14E-05	0.024626	5.07E-07	0.025767
995	490436.72	3861185.12	0.5418	0.62475	0.4827	0.79814	1.02E-03	5.5E-05	0.01048	8.9E-07	0.01156	1.25E-03	6.72E-05	0.01291	4.99E-07	1.42E-02	0.0011	5.17E-05	0.024584	5.16E-07	0.025736
996	490486.72	3861185.12	0.54058	0.62963	0.48768	0.78583	1.02E-03	5.5E-05	0.01059	8.8E-07	0.01166	1.24E-03	6.77E-05	0.013043	4.91E-07	1.44E-02	0.001098	5.21E-05	0.024838	5.08E-07	0.025988
997	490536.72	3861185.12	0.55406	0.65442	0.50648	0.82767	1.04E-03	5.7E-05	0.011	9.2E-07	0.0121	1.28E-03	7.04E-05	0.013546	5.18E-07	1.49E-02	0.001125	5.41E-05	0.025795	5.35E-07	0.026975
998	490586.72	3861185.12	0.53354	0.67528	0.51547	0.87417	1.00E-03	5.9E-05	0.01119	9.8E-07	0.01226	1.23E-03	7.26E-05	0.013787	5.47E-07	1.51E-02	0.001083	5.58E-05	0.026253	5.65E-07	0.027393
999	490636.72	3861185.12	0.52827	0.67258	0.49536	0.9134	9.93E-04	5.9E-05	0.01076	1E-06	0.01181	1.22E-03	7.23E-05	0.013249	5.71E-07	1.45E-02	0.001073	5.56E-05	0.025229	5.9E-07	0.026358
1000	490686.72	3861185.12	0.52415	0.65896	0.48684	0.89696	9.85E-04	5.8E-05	0.01057	1E-06	0.01162	1.21E-03	7.08E-05	0.013021	5.61E-07	1.43E-02	0.001064	5.45E-05	0.024795	5.79E-07	0.025914
1001	490736.72	3861185.12	0.52045	0.68927	0.48215	0.84608	9.78E-04	6E-05	0.01047	9.5E-07	0.01151	1.20E-03	7.41E-05	0.012895	5.29E-07	1.42E-02	0.001057	5.7E-05	0.024556	5.47E-07	0.02567
1002	490786.72	3861185.12	0.53615	0.68482	0.50404	0.88271	1.01E-03	6E-05	0.01095	9.9E-07	0.01201	1.23E-03	7.36E-05	0.013481	5.52E-07	1.48E-02	0.001089	5.66E-05	0.025671	5.7E-07	0.026817
1003	490836.72	3861185.12	0.56699	0.67324	0.51132	0.92559	1.07E-03	5.9E-05	0.0111	1E-06	0.01223	1.31E-03	7.24E-05	0.013676	5.79E-07	1.51E-02	0.001151	5.57E-05	0.026042	5.98E-07	0.027249
1004	490086.72	3861235.12	0.50329	0.60767	0.48849	0.79008	9.46E-04	5.3E-05	0.01061	8.8E-07	0.01161	1.16E-03	6.53E-05	0.013065	4.94E-07	1.43E-02	0.001022	5.03E-05	0.024879	5.1E-07	0.025952
1005	490136.72	3861235.12	0.50377	0.64096	0.48474	0.80574	9.47E-04	5.6E-05	0.01053	9E-07	0.01153	1.16E-03	6.89E-05	0.012965	5.04E-07	1.42E-02	0.001023	5.3E-05	0.024688	5.2E-07	0.025764
1006	490186.72	3861235.12	0.50342	0.62197	0.48281	0.81488	9.46E-04	5.5E-05	0.01048	9.1E-07	0.01149	1.16E-03	6.69E-05	0.012913	5.1E-07	1.41E-02	0.001022	5.14E-05	0.02459	5.26E-07	0.025664
1007	490236.72	3861235.12	0.48976	0.60868	0.47956	0.81467	9.20E-04	5.3E-05	0.01041	9.1E-07	0.01139	1.13E-03	6.54E-05	0.012826	5.1E-07	1.40E-02	0.000994	5.03E-05	0.024424	5.26E-07	0.02547
1008	490386.72	3861235.12	0.51519	0.60231	0.48138	0.76245	9.68E-04	5.3E-05	0.01045	8.5E-07	0.01148	1.19E-03	6.47E-05	0.012875	4.77E-07	1.41E-02	0.001046	4.98E-05	0.024517	4.93E-07	0.025613
1009	490436.72	3861235.12	0.52942	0.61486	0.47457	0.77378	9.95E-04	5.4E-05	0.01031	8.6E-07	0.01136	1.22E-03	6.61E-05	0.012693	4.84E-07	1.40E-02	0.001075	5.08E-05	0.02417	5E-07	0.025296
1010	490486.72	3861235.12	0.53009	0.61125	0.47234	0.78492	9.96E-04	5.4E-05	0.01026	8.8E-07	0.01131	1.22E-03	6.57E-05	0.012633	4.91E-07	1.39E-02	0.001076	5.05E-05	0.024057	5.07E-07	0.025184
1011	490536.72	3861235.12	0.52883	0.62181	0.48019	0.77886	9.94E-04	5.5E-05	0.01043	8.7E-07	0.01148	1.22E-03	6.68E-05	0.012843	4.87E-07	1.41E-02	0.001074	5.14E-05	0.024456	5.03E-07	0.025582
1012	490586.72	3861235.12	0.54216	0.6474	0.49546	0.81925	1.02E-03	5.7E-05	0.01076	9.2E-07	0.01184	1.25E-03	6.96E-05	0.013251	5.12E-07	1.46E-02	0.001101	5.35E-05	0.025234	5.29E-07	0.026389
1013	490636.72	3861235.12	0.52047	0.66483	0.50687	0.8624	9.78E-04	5.8E-05	0.01101	9.6E-07	0.01204	1.20E-03	7.15E-05	0.013557	5.39E-07	1.48E-02	0.001057	5.5E-05	0.025815	5.57E-07	0.026927
1014	490686.72	3861235.12	0.51661	0.65619	0.48537	0.89923	9.71E-04	5.8E-05	0.01054	1E-06	0.01157	1.19E-03	7.05E-05	0.012982	5.62E-07	1.42E-02	0.001049	5.43E-05	0.02472	5.81E-07	0.025824
1015	490736.72	3861235.12	0.51361	0.65089	0.47908	0.87919	9.65E-04	5.7E-05	0.0104	9.8E-07	0.01143	1.18E-03	7E-05	0.012813	5.5E-07	1.41E-02	0.001043	5.38E-05	0.0244	5.68E-07	0.025497
1016	490786.72	3861235.12	0.51015	0.67949	0.47338	0.8288	9.59E-04	6E-05	0.01028	9.3E-07	0.0113	1.17E-03	7.3E-05	0.012661	5.18E-07	1.39E-02	0.001036	5.62E-05	0.02411	5.35E-07	0.025202
1017	490836.72	3861235.12	0.52783	0.67427	0.49631	0.86935	9.92E-04	5.9E-05	0.01078	9.7E-07	0.01183	1.22E-03	7.25E-05	0.013274	5.44E-07	1.46E-02	0.001072	5.58E-05	0.025277	5.62E-07	0.026405
1018	490086.72	3861285.12	0.49349	0.57252	0.47867	0.76423	9.27E-04	5E-05	0.01039	8.5E-07	0.01137	1.14E-03	6.15E-05	0.012802	4.78E-07	1.40E-02	0.001002	4.73E-05	0.024379	4.94E-07	0.025429
1019	490136.72	3861285.12	0.49581	0.60719	0.48074	0.78561	9.32E-04	5.3E-05	0.01044	8.8E-07	0.01143	1.14E-03	6.53E-05	0.012858	4.91E-07	1.41E-02	0.001007	5.02E-05	0.024484	5.07E-07	0.025542
1020	490186.72	3861285.12	0.49526	0.62345	0.47565	0.7879	9.31E-04	5.5E-05	0.01033	8.8E-07	0.01132	1.14E-03	6.7E-05	0.012722	4.93E-07	1.39E-02	0.001006	5.16E-05	0.024225	5.09E-07	0.025283
1021	490236.72	3861285.12	0.49389	0.60539	0.47316	0.80475	9.28E-04	5.3E-05	0.01028	9E-07	0.01126	1.14E-03	6.51E-05	0.012655	5.03E-07	1.39E-02	0.001003	5.01E-05	0.024098	5.2E-07	0.025152
1022	490386.72	3861285.12	0.4981	0.58034	0.47685	0.73159	9.36E-04	5.1E-05	0.01036	8.2E-07	0.01134	1.15E-03	6.24E-05	0.012754	4.58E-07	1.40E-02	0.001011	4.8E-05	0.024286	4.73E-07	0.025346
1023	490436.72	3861285.12	0.50726	0.59165	0.47437	0.7479	9.53E-04	5.2E-05	0.0103	8.4E-07	0.01131	1.17E-03	6.36E-05	0.012687	4.68E-07	1.39E-02	0.00103	4.89E-05	0.02416	4.83E-07	0.025239
1024	490486.72	3861285.12	0.52262	0.61024	0.46712	0.76415	9.82E-04	5.4E-05	0.01014	8.5E-07	0.01118	1.20E-03	6.56E-05	0.012493	4.78E-07	1.38E-02	0.001061	5.05E-05	0.023791	4.94E-07	0.024903
1025	490536.72	3861285.12	0.51892	0.60102	0.46254	0.7676	9.75E-04	5.3E-05	0.01004	8.6E-07	0.01107	1.19E-03	6.46E-05	0.012371	4.8E-07	1.36E-02	0.001054	4.97E-05	0.023557	4.96E-07	0.024661
1026	490586.72	3861285.12	0.51598	0.61404	0.47145	0.7704	9.70E-04	5.4E-05	0.01024	8.6E-07	0.01126	1.19E-03	6.6E-05	0.012609	4.82E-07	1.39E-02	0.001048	5.08E-05	0.024011	4.98E-07	0.02511
1027	490636.72	3861285.12	0.52644	0.6359	0.4812	0.80751	9.89E-04	5.6E-05	0.01045	9E-07	0.0115	1.21E-03	6.84E-05	0.01287	5.05E-07	1.42E-02	0.001069	5.26E-05	0.024508	5.22E-07	0.02563
1028	490686.72	3861285.12	0.51264	0.65431	0.49944	0.85184	9.63E-04	5.7E-05	0.01085	9.5E-07	0.01187	1.18E-03	7.03E-05	0.013358	5.33E-07	1.46E-02	0.001041	5.41E-05	0.025437	5.5E-07	0.026532
1029	490736.72	3861285.12	0.50674	0.64217	0.47698	0.87988	9.52E-04	5.6E-05	0.01036	9.8E-07	0.01137	1.17E-03	6.9E-05	0.012757	5.5E-07	1.40E-02	0.001029	5.31E-05	0.024293	5.68E-07	0.025375
1030	490786.72	3861285.12	0.5032	0.64265	0.4713	0.86163	9.46E-04	5.6E-05	0.01023	9.6E-07	0.01124	1.16E-03	6.91E-05	0.012605	5.39E-07	1.38E-02	0.001022	5.31E-05	0.024004	5.57E-07	0.025079
1031	490836.72	3861285.12	0.49866	0.66777	0.46461	0.81022	9.37E-04	5.9E-05	0.01009	9.1E-07	0.01109	1.15E-03	7.18E-05	0.012426	5.07E-07	1.36E-02	0.001012	5.52E-05	0.023663	5.23E-07	0.024731
1032	490061.24	3859716.13	0.89888	1.21101	0.84688	1.57233	1.69E-03	0.00011	0.01839	1.8E-06	0.02019	2.07E-03	0.00013	0.02265	9.83E-07	2.49E-02	0.001825	0.0001	0.043132	1.02E-06	0.045058
1033	490111.24	3859716.13	0.84521	1.16731	0.84261	1.52278	1.59E-03	0.0001	0.0183	1.7E-06	0.01999	1.95E-03	0.000125	0.022536	9.52E-07	2.46E-02	0.001716	9.65E-05	0.042915	9.84E-07	0.044728

1034	490161.24	3859716.13	0.85093	1.10603	0.83855	1.40771	1.60E-03	9.7E-05	0.01821	1.6E-06	0.01991	1.96E-03	0.000119	0.022428	8.8E-07	2.45E-02	0.001728	9.15E-05	0.042708	9.09E-07	0.044528
1035	490211.24	3859716.13	0.83469	1.08223	0.81172	1.3269	1.57E-03	9.5E-05	0.01763	1.5E-06	0.01929	1.92E-03	0.000116	0.02171	8.3E-07	2.37E-02	0.001695	8.95E-05	0.041341	8.57E-07	0.043126
1036	490061.24	3859766.13	0.91673	1.19759	0.82478	1.48934	1.72E-03	0.00011	0.01791	1.7E-06	0.01974	2.11E-03	0.000129	0.022059	9.31E-07	2.43E-02	0.001861	9.9E-05	0.042007	9.62E-07	0.043968
1037	490111.24	3859766.13	0.8971	1.18458	0.82786	1.5362	1.69E-03	0.0001	0.01798	1.7E-06	0.01977	2.07E-03	0.000127	0.022142	9.61E-07	2.43E-02	0.001821	9.8E-05	0.042163	9.92E-07	0.044084
1038	490161.24	3859766.13	0.83123	1.15494	0.82418	1.49096	1.56E-03	0.0001	0.0179	1.7E-06	0.01956	1.91E-03	0.000124	0.022043	9.33E-07	2.41E-02	0.001688	9.55E-05	0.041976	9.63E-07	0.04376
1039	490211.24	3859766.13	0.82392	1.0791	0.81445	1.35885	1.55E-03	9.5E-05	0.01769	1.5E-06	0.01933	1.90E-03	0.000116	0.021783	8.5E-07	2.38E-02	0.001673	8.92E-05	0.04148	8.78E-07	0.043243
1040	490061.24	3859816.13	0.90911	1.11712	0.8565	1.38873	1.71E-03	9.8E-05	0.0186	1.6E-06	0.02041	2.09E-03	0.00012	0.022908	8.69E-07	2.51E-02	0.001846	9.24E-05	0.043622	8.97E-07	0.045561
1041	490111.24	3859816.13	0.88347	1.15418	0.80876	1.4302	1.66E-03	0.0001	0.01756	1.6E-06	0.01933	2.03E-03	0.000124	0.021631	8.95E-07	2.38E-02	0.001794	9.54E-05	0.041191	9.24E-07	0.043081
1042	490161.24	3859816.13	0.89334	1.15641	0.80815	1.50006	1.68E-03	0.0001	0.01755	1.7E-06	0.01933	2.06E-03	0.000124	0.021615	9.38E-07	2.38E-02	0.001814	9.56E-05	0.04116	9.69E-07	0.04307
1043	490211.24	3859816.13	0.82173	1.13028	0.8063	1.45962	1.54E-03	9.9E-05	0.01751	1.6E-06	0.01915	1.89E-03	0.000122	0.021565	9.13E-07	2.36E-02	0.001668	9.35E-05	0.041065	9.43E-07	0.042828
1044	490061.24	3859866.13	0.89701	1.09922	0.87877	1.42882	1.69E-03	9.6E-05	0.01908	1.6E-06	0.02087	2.07E-03	0.000118	0.023503	8.94E-07	2.57E-02	0.001821	9.09E-05	0.044756	9.23E-07	0.046669
1045	490111.24	3859866.13	0.87229	1.08642	0.84209	1.35192	1.64E-03	9.5E-05	0.01829	1.5E-06	0.02002	2.01E-03	0.000117	0.022522	8.46E-07	2.46E-02	0.001771	8.98E-05	0.042888	8.73E-07	0.04475
1046	490161.24	3859866.13	0.86895	1.11427	0.79708	1.37453	1.63E-03	9.8E-05	0.01731	1.5E-06	0.01904	2.00E-03	0.00012	0.021318	8.6E-07	2.34E-02	0.001764	9.21E-05	0.040596	8.88E-07	0.042453
1047	490211.24	3859866.13	0.86367	1.13096	0.78976	1.45244	1.62E-03	9.9E-05	0.01715	1.6E-06	0.01887	1.99E-03	0.000122	0.021123	9.08E-07	2.32E-02	0.001754	9.35E-05	0.040223	9.38E-07	0.042071
1048	490061.24	3859916.13	0.92994	1.09915	0.86062	1.48503	1.75E-03	9.6E-05	0.01869	1.7E-06	0.02053	2.14E-03	0.000118	0.023018	9.29E-07	2.53E-02	0.001888	9.09E-05	0.043832	9.59E-07	0.045812
1049	490111.24	3859916.13	0.88212	1.07012	0.85657	1.40146	1.66E-03	9.4E-05	0.0186	1.6E-06	0.02035	2.03E-03	0.000115	0.02291	8.77E-07	2.51E-02	0.001791	8.85E-05	0.043626	9.05E-07	0.045506
1050	490161.24	3859916.13	0.83878	1.05808	0.82847	1.31701	1.58E-03	9.3E-05	0.01799	1.5E-06	0.01966	1.93E-03	0.000114	0.022158	8.24E-07	2.42E-02	0.001703	8.75E-05	0.042194	8.51E-07	0.043986
1051	490211.24	3859916.13	0.85347	1.07518	0.78494	1.32137	1.60E-03	9.4E-05	0.01705	1.5E-06	0.01875	1.97E-03	0.000116	0.020994	8.26E-07	2.31E-02	0.001733	8.89E-05	0.039977	8.54E-07	0.0418
1052	490229.25	3859815.26	0.80715	1.12009	0.80483	1.442	1.52E-03	9.8E-05	0.01748	1.6E-06	0.01909	1.86E-03	0.00012	0.021526	9.02E-07	2.35E-02	0.001639	9.26E-05	0.04099	9.31E-07	0.042723
1053	490279.25	3859815.26	0.79404	1.04471	0.795	1.32508	1.49E-03	9.2E-05	0.01726	1.5E-06	0.01885	1.83E-03	0.000112	0.021263	8.29E-07	2.32E-02	0.001612	8.64E-05	0.04049	8.56E-07	0.042189
1054	490329.25	3859815.26	0.77993	1.02147	0.77717	1.25152	1.47E-03	9E-05	0.01688	1.4E-06	0.01843	1.80E-03	0.00011	0.020786	7.83E-07	2.27E-02	0.001584	8.45E-05	0.039582	8.08E-07	0.041251
1055	490379.25	3859815.26	0.77802	1.00239	0.76221	1.25213	1.46E-03	8.8E-05	0.01655	1.4E-06	0.0181	1.79E-03	0.000108	0.020386	7.83E-07	2.23E-02	0.00158	8.29E-05	0.03882	8.09E-07	0.040483
1056	490429.25	3859815.26	0.7968	0.9839	0.73008	1.18176	1.50E-03	8.6E-05	0.01585	1.3E-06	0.01744	1.83E-03	0.000106	0.019526	7.39E-07	2.15E-02	0.001618	8.14E-05	0.037183	7.63E-07	0.038883
1057	490229.25	3859865.26	0.86752	1.12386	0.79069	1.4539	1.63E-03	9.9E-05	0.01717	1.6E-06	0.0189	2.00E-03	0.000121	0.021148	9.09E-07	2.33E-02	0.001761	9.29E-05	0.04027	9.39E-07	0.042126
1058	490279.25	3859865.26	0.78832	1.09689	0.78784	1.41269	1.48E-03	9.6E-05	0.01711	1.6E-06	0.01869	1.82E-03	0.000118	0.021071	8.84E-07	2.30E-02	0.001601	9.07E-05	0.040125	9.13E-07	0.041817
1059	490329.25	3859865.26	0.77054	1.04124	0.77898	1.28704	1.45E-03	9.1E-05	0.01692	1.4E-06	0.01846	1.77E-03	0.000112	0.020834	8.05E-07	2.27E-02	0.001564	8.61E-05	0.039674	8.31E-07	0.041325
1060	490379.25	3859865.26	0.75831	0.9981	0.76488	1.24533	1.43E-03	8.8E-05	0.01661	1.4E-06	0.01812	1.75E-03	0.000107	0.020457	7.79E-07	2.23E-02	0.00154	8.25E-05	0.038956	8.04E-07	0.040579
1061	490429.25	3859865.26	0.74667	0.98356	0.756	1.23544	1.40E-03	8.6E-05	0.01642	1.4E-06	0.01791	1.72E-03	0.000106	0.02022	7.73E-07	2.20E-02	0.001516	8.13E-05	0.038504	7.98E-07	0.040102
1062	490229.25	3859915.26	0.8406	1.09497	0.76838	1.3528	1.58E-03	9.6E-05	0.01669	1.5E-06	0.01836	1.94E-03	0.000118	0.020551	8.46E-07	2.26E-02	0.001707	9.06E-05	0.039134	8.74E-07	0.040932
1063	490279.25	3859915.26	0.8376	1.09724	0.77185	1.42063	1.57E-03	9.6E-05	0.01676	1.6E-06	0.01843	1.93E-03	0.000118	0.020644	8.89E-07	2.27E-02	0.001701	9.07E-05	0.039311	9.18E-07	0.041103
1064	490329.25	3859915.26	0.787	1.07341	0.77064	1.38376	1.48E-03	9.4E-05	0.01674	1.5E-06	0.01831	1.81E-03	0.000115	0.020611	8.65E-07	2.25E-02	0.001598	8.88E-05	0.039249	8.94E-07	0.040937
1065	490379.25	3859915.26	0.74826	1.03745	0.76405	1.28952	1.41E-03	9.1E-05	0.01659	1.4E-06	0.01809	1.72E-03	0.000112	0.020435	8.07E-07	2.23E-02	0.001519	8.58E-05	0.038914	8.33E-07	0.040519
1066	490429.25	3859915.26	0.7367	0.9737	0.75157	1.24911	1.38E-03	8.5E-05	0.01632	1.4E-06	0.01779	1.70E-03	0.000105	0.020101	7.81E-07	2.19E-02	0.001496	8.05E-05	0.038278	8.07E-07	0.039855
1067	490451.43	3859872.59	0.74404	0.97022	0.74266	1.21307	1.40E-03	8.5E-05	0.01613	1.4E-06	0.01761	1.71E-03	0.000104	0.019863	7.59E-07	2.17E-02	0.001511	8.02E-05	0.037824	7.84E-07	0.039416
1068	490501.43	3859872.59	0.76129	0.95259	0.71188	1.14562	1.43E-03	8.4E-05	0.01546	1.3E-06	0.01697	1.75E-03	0.000102	0.01904	7.17E-07	2.09E-02	0.001546	7.88E-05	0.036256	7.4E-07	0.037882
1069	490551.43	3859872.59	0.76478	0.89195	0.6836	1.10968	1.44E-03	7.8E-05	0.01485	1.2E-06	0.01636	1.76E-03	9.59E-05	0.018283	6.94E-07	2.01E-02	0.001553	7.38E-05	0.034816	7.17E-07	0.036443
1070	490601.43	3859872.59	0.74279	0.88791	0.65077	1.11012	1.40E-03	7.8E-05	0.01413	1.2E-06	0.01561	1.71E-03	9.55E-05	0.017405	6.94E-07	1.92E-02	0.001508	7.34E-05	0.033144	7.17E-07	0.034726
1071	490451.43	3859922.59	0.73025	0.96501	0.745	1.2127	1.37E-03	8.5E-05	0.01618	1.4E-06	0.01764	1.68E-03	0.000104	0.019926	7.58E-07	2.17E-02	0.001483	7.98E-05	0.037943	7.83E-07	0.039507
1072	490501.43	3859922.59	0.71967	0.95405	0.7364	1.19731	1.35E-03	8.4E-05	0.01599	1.3E-06	0.01743	1.66E-03	0.000103	0.019696	7.49E-07	2.15E-02	0.001461	7.89E-05	0.037505	7.73E-07	0.039046
1073	490551.43	3859922.59	0.73041	0.93342	0.70233	1.13329	1.37E-03	8.2E-05	0.01525	1.3E-06	0.01671	1.68E-03	0.0001	0.018784	7.09E-07	2.06E-02	0.001483	7.72E-05	0.03577	7.32E-07	0.037331
1074	490601.43	3859922.59	0.7477	0.8936	0.67845	1.08932	1.41E-03	7.8E-05	0.01473	1.2E-06	0.01622	1.72E-03	9.61E-05	0.018146	6.81E-07	2.00E-02	0.001518	7.39E-05	0.034554	7.04E-07	0.036147
1075	482129.67	3852241.07	0.73748	0.93421	0.84893	1.11533	1.39E-03	8.2E-05	0.01844	1.2E-06	0.0199	1.70E-03	0.0001	0.022705	6.98E-07	2.45E-02	0.001497	7.73E-05	0.043236	7.2E-07	0.044812
1076	482029.67	3852291.07	0.73928	1.02685	0.89241	1.24694	1.39E-03	9E-05	0.01938	1.4E-06	0.02086	1.70E-03	0.00011	0.023868	7.8E-07	2.57E-02	0.001501	8.49E-05	0.045451	8.05E-07	0.047038
1077	482079.67	3852291.07	0.71851	1.00303	0.86056	1.22095	1.35E-03	8.8E-05	0.01869	1.4E-06	0.02013	1.65E-03	0.000108	0.023016	7.64E-07	2.48E-02	0.001459	8.29E-05	0.043829	7.89E-07	0.045371
1078	482129.67	3852291.07	0.71719	0.97619	0.85102	1.17611	1.35E-03	8.6E-05	0.01848	1.3E-06	0.01992	1.65E-03	0.000105	0.022761	7.36E-07	2.45E-02	0.001456	8.07E-05	0.043343	7.6E-07	0.044881
1079	482179.67	3852291.07	0.74873	0.94142	0.869	1.13507	1.41E-03	8.3E-05	0.01887	1.3E-06	0.02036	1.72E-03	0.000101	0.023242	7.1E-07	2.51E-02	0.00152	7.79E-05	0.044259	7.33E-07	0.045857
1080	482229.67	3852291.07	0.73397	0.97357	0.903	1.16153	1.38E-03	8.5E-05	0.01961	1.3E-06	0.02108	1.69E-03	0.000105	0.024151	7.26E-07	2.59E-02	0.00149	8.05E-05	0.04599	7.5E-07	0.047562
1081	482029.67	3852341.07	0.76045	1.03707	0.91523	1.23803	1.43E-03	9.1E-05	0.01988	1.4E-06	0.0214	1.75E-03	0.000111	0.024478	7.74E-07	2.63E-02	0.001544	8.58E-05	0.046613	8E-07	0.048244
1082	482079.67	3852341.07	0.74895	1.04038	0.90456	1.26296	1.41E-03	9.1E-05	0.01964	1.4E-06	0.02114	1.72E-03	0.000112	0.024193	7.9E-07	2.60E-02	0.001521	8.6E-05	0.04607	8.16E-07	0.047677
1083	482129.67	3852341.07	0.72736	1.01325	0.87151	1.24074	1.37E-03	8.9E-05	0.01893	1.4E-06	0.02038	1.67E-03	0.000109	0.023309	7.76E-07	2.51E-02	0.001477	8.38E-05	0.044387	8.01E-07	0.045948
1084	482179.67	3852341.07	0.73966	0.98476	0.8632	1.18923	1.39E-03	8.6E-05	0.01875	1.3E-06	0.02022	1.70E-03	0.000106	0.023087	7.44E-07	2.49E-02	0.001502	8.14E-05	0.043963	7.68E-07	0.045547
1085	482259.06	3852400.14	0.76151	0.96504	0.88167	1.20123	1.43E-03	8.5E-05	0.01915	1.3E-06	0.02066	1.75E-03	0.000104	0.023581	7.51E-07	2.54E-02	0.001546	7.98E-05	0.044904	7.76E-07	0.046531
1086	482309.06	3852400.14	0.74977	1.00275	0.92425	1.21292	1.41E-03	8.8E-05	0.02007	1.4E-06	0.02157	1.73E-03	0.000108	0.02472	7.59E-07	2.66E-02	0.001522	8.29E-05	0.047073	7.84E-07	0.048679
1087	482209.06	3852450.14	0.75945	1.04903	0.92288	1.27684	1.43E-03	9.2E-05	0.02004	1.4E-06	0.02156	1.75E-03	0.000113	0.024683	7.99E-07	2.65E-02	0.001542	8.68E-05	0.047003	8.25E-07	0.048632
1088	482259.06	3852450.14	0.75663	1.01811	0.90188	1.26952	1.42E-03	8.9E-05	0.01959	1.4E-06	0.0211	1.74E-03	0.000109	0.024121	7.94E-07	2.60E-02	0.001536	8.42E-05	0.045933	8.2E-07	0.047555
1089	482309.06	3852450.14	0.7671	0.9794	0.90834	1.21324	1.44E-03	8.6E-05	0.01973	1.4E-06	0.02125	1.77E-03	0.000105	0.024294	7.59E-07	2.62E-02	0.001558	8.1E-05	0.046262	7.84E-07	0.047902
1090	482209.06	3852500.14	0.79393	1.07975	0.97278	1.31264	1.49E-03	9.5E-05	0.02112	1.5E-06	0.02271	1.83E-03	0.000116	0.026018	8.21E-07	2.80E-02	0.001612	8.93E-05	0.049544	8.48E-07	0.051246
1091	482259.06	3852500.14	0.7828	1.0648	0.938	1.29583	1.47E-03	9.3E-05	0.02037	1.4E-06	0.02194	1.80E-03	0.000114	0.025087	8.1E-07	2.70E-02	0.001589	8.81E-05	0.047773	8.37E-07	0.049451
1092	482309.06	3852500.14	0.78364	1.03331	0.9195	1.28817	1.47E-03	9.1E-05	0.01997	1.4E-06	0.02153	1.80E-03	0.000111	0.024593	8.06E-07	2.65E-02	0.001591	8.55E-05	0.046831	8.32E-07	0.048508
1093	482283.91	3852513.62	0.78859	1.06186	0.92949	1.28965	1.48E-03	9.3E-05	0.02018	1.4E-06	0.02176	1.82E-03	0.000114	0.02486	8.07E-07	2.68E-02	0.001601	8.78E-05	0.047339	8.33E-07	0.049029
1094	482333.91	3852513.62	0.78897	1.02342	0.91521	1.27148	1.48E-03	9E-05	0.01987	1.4E-06	0.02145	1.82E-03	0.00011	0.024478	7.95E-07	2.64E-02	0.001602	8.46E-05	0.046612	8.21E-07	0.0483

1095	482283.91	3852563.62	0.80331	1.09683	0.97716	1.34403	1.51E-03	9.6E-05	0.02122	1.5E-06	0.02283	1.85E-03	0.000118	0.026135	8.41E-07	2.81E-02	0.001631	9.07E-05	0.049767	8.68E-07	0.05149
1096	482333.91	3852563.62	0.79304	1.07103	0.9408	1.30641	1.49E-03	9.4E-05	0.02043	1.5E-06	0.02202	1.83E-03	0.000115	0.025162	8.17E-07	2.71E-02	0.00161	8.86E-05	0.047915	8.44E-07	0.049615
1097	482383.91	3852563.62	0.80118	1.02604	0.92511	1.28435	1.51E-03	9E-05	0.02009	1.4E-06	0.02169	1.84E-03	0.00011	0.024743	8.03E-07	2.67E-02	0.001627	8.49E-05	0.047116	8.3E-07	0.048829
1098	482283.91	3852613.62	0.82977	1.1287	0.9881	1.37046	1.56E-03	9.9E-05	0.02146	1.5E-06	0.02312	1.91E-03	0.000121	0.026427	8.57E-07	2.85E-02	0.001685	9.33E-05	0.050324	8.85E-07	0.052103
1099	482333.91	3852613.62	0.81122	1.11283	0.99213	1.36383	1.52E-03	9.8E-05	0.02155	1.5E-06	0.02317	1.87E-03	0.00012	0.026535	8.53E-07	2.85E-02	0.001647	9.2E-05	0.05053	8.81E-07	0.05227
1100	482383.91	3852613.62	0.80069	1.07975	0.95191	1.32327	1.50E-03	9.5E-05	0.02067	1.5E-06	0.02227	1.84E-03	0.000116	0.025459	8.28E-07	2.74E-02	0.001626	8.93E-05	0.048481	8.55E-07	0.050197
1101	482602.38	3852600.87	0.80654	1.25394	0.96655	1.16931	1.52E-03	0.00011	0.02099	1.3E-06	0.02262	1.86E-03	0.000135	0.025851	7.31E-07	2.78E-02	0.001638	0.000104	0.049227	7.55E-07	0.050969
1102	482652.38	3852600.87	0.80497	1.23583	0.99063	1.16166	1.51E-03	0.00011	0.02151	1.3E-06	0.02313	1.85E-03	0.000133	0.026495	7.27E-07	2.85E-02	0.001634	0.000102	0.050453	7.5E-07	0.052191
1103	482702.38	3852600.87	0.80979	1.22642	0.99819	1.1327	1.52E-03	0.00011	0.02168	1.3E-06	0.02331	1.86E-03	0.000132	0.026697	7.08E-07	2.87E-02	0.001644	0.000101	0.050838	7.32E-07	0.052585
1104	482552.38	3852650.87	0.80289	1.20524	1.01486	1.30386	1.51E-03	0.00011	0.02204	1.5E-06	0.02365	1.85E-03	0.00013	0.027143	8.15E-07	2.91E-02	0.00163	9.97E-05	0.051687	8.42E-07	0.053418
1105	482602.38	3852650.87	0.81419	1.26086	1.00279	1.26688	1.53E-03	0.00011	0.02178	1.4E-06	0.02342	1.87E-03	0.000136	0.02682	7.92E-07	2.88E-02	0.001653	0.000104	0.051073	8.18E-07	0.052831
1106	482652.38	3852650.87	0.81685	1.27008	0.97644	1.21219	1.54E-03	0.00011	0.0212	1.4E-06	0.02285	1.88E-03	0.000137	0.026116	7.58E-07	2.81E-02	0.001659	0.000105	0.049731	7.83E-07	0.051495
1107	482702.38	3852650.87	0.83322	1.23686	1.00572	1.1982	1.57E-03	0.00011	0.02184	1.3E-06	0.02352	1.92E-03	0.000133	0.026899	7.49E-07	2.90E-02	0.001692	0.000102	0.051222	7.74E-07	0.053017
1108	482552.38	3852700.87	0.81859	1.16636	1.01013	1.30541	1.54E-03	0.0001	0.02194	1.5E-06	0.02358	1.89E-03	0.000125	0.027017	8.16E-07	2.90E-02	0.001662	9.65E-05	0.051446	8.43E-07	0.053206
1109	482602.38	3852700.87	0.81548	1.24291	1.03292	1.32771	1.53E-03	0.00011	0.02243	1.5E-06	0.02407	1.88E-03	0.000134	0.027626	8.3E-07	2.96E-02	0.001656	0.000103	0.052607	8.58E-07	0.054367
1110	482652.38	3852700.87	0.81929	1.26721	1.0075	1.28704	1.54E-03	0.00011	0.02188	1.4E-06	0.02353	1.89E-03	0.000136	0.026946	8.05E-07	2.90E-02	0.001663	0.000105	0.051313	8.31E-07	0.053082
1111	482702.38	3852700.87	0.84633	1.27068	0.98183	1.26263	1.59E-03	0.00011	0.02132	1.4E-06	0.02302	1.95E-03	0.000137	0.02626	7.9E-07	2.83E-02	0.001718	0.000105	0.050005	8.16E-07	0.051829
1112	482452.38	3852750.87	0.84485	1.17157	1.06306	1.41393	1.59E-03	0.0001	0.02309	1.6E-06	0.02478	1.95E-03	0.000126	0.028432	8.84E-07	3.05E-02	0.001715	9.69E-05	0.054142	9.13E-07	0.055955
1113	482521.29	3852749.74	0.84945	1.11736	0.99647	1.39826	1.60E-03	9.8E-05	0.02164	1.6E-06	0.02334	1.96E-03	0.00012	0.026651	8.75E-07	2.87E-02	0.001725	9.24E-05	0.050751	9.03E-07	0.052569
1114	482571.29	3852749.74	0.83998	1.14698	0.997	1.35921	1.58E-03	0.0001	0.02165	1.5E-06	0.02333	1.93E-03	0.000123	0.026665	8.5E-07	2.87E-02	0.001705	9.49E-05	0.050778	8.78E-07	0.052579
1115	482521.29	3852799.74	0.86672	1.18274	1.0522	1.44319	1.63E-03	0.0001	0.02285	1.6E-06	0.02458	2.00E-03	0.000127	0.028142	9.03E-07	3.03E-02	0.00176	9.78E-05	0.053589	9.32E-07	0.055448
1116	482571.29	3852799.74	0.86017	1.12268	1.01547	1.41984	1.62E-03	9.8E-05	0.02205	1.6E-06	0.02377	1.98E-03	0.000121	0.027159	8.88E-07	2.93E-02	0.001746	9.28E-05	0.051718	9.17E-07	0.053559
1117	482621.29	3852799.74	0.83372	1.19377	1.01834	1.39197	1.57E-03	0.0001	0.02211	1.6E-06	0.02379	1.92E-03	0.000128	0.027236	8.71E-07	2.93E-02	0.001693	9.87E-05	0.051865	8.99E-07	0.053657
1118	482571.29	3852849.74	0.88248	1.19968	1.07193	1.46706	1.66E-03	0.00011	0.02328	1.6E-06	0.02504	2.03E-03	0.000129	0.028669	9.18E-07	3.08E-02	0.001792	9.92E-05	0.054594	9.48E-07	0.056486
1119	482621.29	3852849.74	0.87712	1.14919	1.0409	1.45116	1.65E-03	0.0001	0.0226	1.6E-06	0.02435	2.02E-03	0.000124	0.02784	9.08E-07	3.00E-02	0.001781	9.5E-05	0.053014	9.37E-07	0.05489
1120	482577.42	3852901.55	0.91627	1.24475	1.11829	1.49414	1.72E-03	0.00011	0.02428	1.7E-06	0.02612	2.11E-03	0.000134	0.029909	9.34E-07	3.22E-02	0.00186	0.000103	0.056955	9.65E-07	0.058919
1121	482627.42	3852901.55	0.9018	1.2141	1.09589	1.49297	1.69E-03	0.00011	0.0238	1.7E-06	0.0256	2.08E-03	0.000131	0.02931	9.34E-07	3.15E-02	0.001831	0.0001	0.055814	9.64E-07	0.057747
1122	482629.96	3852955.85	0.94954	1.28977	1.14585	1.52796	1.78E-03	0.00011	0.02488	1.7E-06	0.02678	2.19E-03	0.000139	0.030647	9.56E-07	3.30E-02	0.001928	0.000107	0.058359	9.87E-07	0.060394
1123	482679.96	3852955.85	0.92321	1.23375	1.12068	1.52179	1.73E-03	0.00011	0.02434	1.7E-06	0.02618	2.13E-03	0.000133	0.029973	9.52E-07	3.22E-02	0.001874	0.000102	0.057077	9.83E-07	0.059054
1124	482781.63	3853034.48	0.99202	1.33036	1.13725	1.54125	1.86E-03	0.00012	0.0247	1.7E-06	0.02668	2.28E-03	0.000143	0.030417	9.64E-07	3.28E-02	0.002014	0.00011	0.057921	9.96E-07	0.060046
1125	482831.63	3853034.48	0.98946	1.44545	1.13417	1.50403	1.86E-03	0.00013	0.02463	1.7E-06	0.02662	2.28E-03	0.000155	0.030334	9.41E-07	3.28E-02	0.002009	0.00012	0.057764	9.72E-07	0.059893
1126	482881.63	3853034.48	0.97338	1.50619	1.17259	1.42901	1.83E-03	0.00013	0.02546	1.6E-06	0.02743	2.24E-03	0.000162	0.031362	8.94E-07	3.38E-02	0.001976	0.000125	0.059721	9.23E-07	0.061822
1127	482781.63	3853084.48	1.016	1.3225	1.2097	1.58475	1.91E-03	0.00012	0.02627	1.8E-06	0.0283	2.34E-03	0.000142	0.032354	9.91E-07	3.48E-02	0.002063	0.000109	0.061611	1.02E-06	0.063784
1128	482831.63	3853084.48	1.00064	1.40367	1.15937	1.56584	1.88E-03	0.00012	0.02518	1.7E-06	0.02718	2.30E-03	0.000151	0.031008	9.79E-07	3.35E-02	0.002032	0.000116	0.059047	1.01E-06	0.061196
1129	482881.63	3853084.48	1.01953	1.50582	1.16522	1.52417	1.92E-03	0.00013	0.0253	1.7E-06	0.02735	2.35E-03	0.000162	0.031165	9.53E-07	3.37E-02	0.00207	0.000125	0.059345	9.85E-07	0.061541
1130	482781.63	3853134.48	1.05224	1.40889	1.21843	1.62329	1.98E-03	0.00012	0.02646	1.8E-06	0.02856	2.42E-03	0.000151	0.032588	1.02E-06	3.52E-02	0.002136	0.000117	0.062055	1.05E-06	0.064309
1131	482831.63	3853134.48	1.06645	1.33984	1.23241	1.61269	2.00E-03	0.00012	0.02676	1.8E-06	0.02889	2.46E-03	0.000144	0.032962	1.01E-06	3.56E-02	0.002165	0.000111	0.062767	1.04E-06	0.065044
1132	482881.63	3853134.48	1.02599	1.46583	1.18121	1.59652	1.93E-03	0.00013	0.02565	1.8E-06	0.02771	2.36E-03	0.000158	0.031592	9.99E-07	3.41E-02	0.002083	0.000121	0.06016	1.03E-06	0.062365
1133	482831.63	3853184.48	1.10578	1.44236	1.24573	1.65209	2.08E-03	0.00013	0.02705	1.8E-06	0.02926	2.55E-03	0.000155	0.033318	1.03E-06	3.60E-02	0.002245	0.000119	0.063446	1.07E-06	0.065811
1134	482881.63	3853184.48	1.05652	1.43147	1.25201	1.64207	1.99E-03	0.00013	0.02719	1.8E-06	0.0293	2.43E-03	0.000154	0.033486	1.03E-06	3.61E-02	0.002145	0.000118	0.063766	1.06E-06	0.06603
1135	484154.84	3854250.98	2.11803	3.34664	2.5863	0.7967	3.98E-03	0.00029	0.05616	8.9E-07	0.06044	4.88E-03	0.00036	0.069172	4.98E-07	7.44E-02	0.0043	0.000277	0.131722	5.15E-07	0.136299
1136	484204.84	3854250.98	2.0784	3.38352	2.3004	0.76397	3.91E-03	0.0003	0.04996	8.5E-07	0.05416	4.79E-03	0.000364	0.061526	4.78E-07	6.67E-02	0.00422	0.00028	0.117161	4.94E-07	0.121661
1137	484154.84	3854300.98	2.25183	3.03879	2.55448	0.80095	4.23E-03	0.00027	0.05547	8.9E-07	0.05997	5.19E-03	0.000327	0.068321	5.01E-07	7.38E-02	0.004572	0.000251	0.130101	5.17E-07	0.134925
1138	484204.84	3854300.98	2.07995	3.2831	2.47144	0.78993	3.91E-03	0.00029	0.05367	8.8E-07	0.05787	4.79E-03	0.000353	0.0661	4.94E-07	7.12E-02	0.004223	0.000272	0.125872	5.1E-07	0.130367
1139	484074.19	3854519.8	3.18702	4.52747	2.93412	0.8254	5.99E-03	0.0004	0.06372	9.2E-07	0.0701	7.34E-03	0.000487	0.078475	5.16E-07	8.63E-02	0.006471	0.000374	0.149436	5.33E-07	0.156282
1140	484124.19	3854519.8	3.07417	3.71255	2.81621	0.79195	5.78E-03	0.00033	0.06116	8.8E-07	0.06726	7.08E-03	0.000399	0.075321	4.95E-07	8.28E-02	0.006242	0.000307	0.143431	5.12E-07	0.14998
1141	484074.19	3854569.8	3.31746	5.02854	3.10153	0.80172	6.23E-03	0.00044	0.06735	9E-07	0.07403	7.64E-03	0.000541	0.082953	5.01E-07	9.11E-02	0.006736	0.000416	0.157963	5.18E-07	0.165115
1142	484124.19	3854569.8	3.08623	4.24033	2.85141	0.78834	5.80E-03	0.00037	0.06192	8.8E-07	0.06809	7.11E-03	0.000456	0.076263	4.93E-07	8.38E-02	0.006266	0.000351	0.145224	5.09E-07	0.151841
1143	485205.11	3855188.89	7.34478	11.60704	8.84922	1.49855	1.38E-02	0.00102	0.19217	1.7E-06	0.20699	1.69E-02	0.001248	0.236678	9.37E-07	2.55E-01	0.014913	0.00096	0.450696	9.68E-07	0.466569
1144	485255.11	3855188.89	6.49116	10.6911	7.88936	1.37237	1.22E-02	0.00094	0.17133	1.5E-06	0.18446	1.49E-02	0.001149	0.211006	8.58E-07	2.27E-01	0.01318	0.000884	0.40181	8.87E-07	0.415874
1145	485205.11	3855238.89	7.99793	10.30711	9.76004	1.82633	1.50E-02	0.0009	0.21195	2E-06	0.22789	1.84E-02	0.001108	0.261039	1.14E-06	2.81E-01	0.016239	0.000852	0.497084	1.18E-06	0.514177
1146	485255.11	3855238.89	7.28822	9.74397	8.95295	1.70965	1.37E-02	0.00085	0.19442	1.9E-06	0.20898	1.68E-02	0.001047	0.239453	1.07E-06	2.57E-01	0.014798	0.000806	0.455979	1.1E-06	0.471584
1147	485205.11	3855288.89	9.60045	9.7146	11.95721	2.30743	1.80E-02	0.00085	0.25966	2.6E-06	0.27856	2.21E-02	0.001044	0.319804	1.44E-06	3.43E-01	0.019493	0.000803	0.608988	1.49E-06	0.629285
1148	485255.11	3855288.89	8.4665	9.2641	10.61162	2.13233	1.59E-02	0.00081	0.23044	2.4E-06	0.24717	1.95E-02	0.000996	0.283815	1.33E-06	3.04E-01	0.01719	0.000766	0.540456	1.38E-06	0.558414
1149	485255.11	3855338.89	10.10248	8.35125	12.52863	2.71211	1.90E-02	0.00073	0.27207	3E-06	0.29179	2.33E-02	0.000898	0.335087	1.7E-06	3.59E-01	0.020512	0.000691	0.63809	1.75E-06	0.659295
1150	485305.11	3855338.89	8.91437	7.90446	11.09728	2.38439	1.68E-02	0.00069	0.24099	2.7E-06	0.25844	2.05E-02	0.00085	0.296804	1.49E-06	3.18E-01	0.0181	0.000654	0.565191	1.54E-06	0.583946
1151	485852.5	3855635.28	6.55717	4.34199	8.20679	2.33284	1.23E-02	0.00038	0.17822	2.6E-06	0.19092	1.51E-02	0.000467	0.219496	1.46E-06	2.35E-01	0.013314	0.000359	0.417977	1.51E-06	0.431651
1152	485902.5	3855635.28	5.92504	4.02549	7.59595	2.14992	1.11E-02	0.00035	0.16495	2.4E-06	0.17644	1.36E-02	0.000433	0.203159	1.34E-06	2.17E-01	0.01203	0.000333	0.386866	1.39E-06	0.39923
1153	485852.5	3855685.28	7.08549	4.61949	9.01628	2.55562	1.33E-02	0.00041	0.1958	2.9E-06	0.20952	1.63E-02	0.000497	0.241147	1.6E-06	2.58E-01	0.014386	0.000382	0.459204	1.65E-06	0.473974
1154	485902.5	3855685.28	6.50671	4.21661	8.18734	2.36113	1.22E-02	0.00037	0.1778	2.6E-06	0.1904	1.50E-02	0.000453	0.218976	1.48E-06	2.34E-01	0.013211	0.000349	0.416986	1.53E-06	0.430547
1155	485852.5	3855735.28	7.62721	4.69611	10.09846	2.81677	1.43E-02	0.00041	0.2193	3.1E-06	0.23405	1.76E-02	0.000505	0.27009	1.76E-06	2.88E-01	0.015486	0.000388	0.51432	1.82E-06	0.530197

1156	485902.5	3855735.28	7.05432	4.53716	9.05337	2.60632	1.33E-02	0.0004	0.1966	2.9E-06	0.21026	1.62E-02	0.000488	0.242139	1.63E-06	2.59E-01	0.014323	0.000375	0.461093	1.68E-06	0.475793
1157	485852.5	3855785.28	8.56226	4.27878	11.3449	3.24685	1.61E-02	0.00038	0.24637	3.6E-06	0.26284	1.97E-02	0.00046	0.303427	2.03E-06	3.24E-01	0.017385	0.000354	0.577802	2.1E-06	0.595543
1158	485902.5	3855785.28	7.63046	4.28624	10.1461	2.92683	1.43E-02	0.00038	0.22033	3.3E-06	0.23505	1.76E-02	0.000461	0.271364	1.83E-06	2.89E-01	0.015493	0.000354	0.516747	1.89E-06	0.532596
1159	486809.46	3856465.28	6.93987	4.12249	9.50503	2.81944	1.30E-02	0.00036	0.20641	3.2E-06	0.21982	1.60E-02	0.000443	0.254218	1.76E-06	2.71E-01	0.014091	0.000341	0.484097	1.82E-06	0.49853
1160	486859.46	3856465.28	6.5556	3.98141	8.94602	2.73394	1.23E-02	0.00035	0.19427	3.1E-06	0.20694	1.51E-02	0.000428	0.239267	1.71E-06	2.55E-01	0.01331	0.000329	0.455626	1.77E-06	0.469267
1161	486909.46	3856465.28	6.20892	4.52528	8.39156	2.66415	1.17E-02	0.0004	0.18223	3E-06	0.1943	1.43E-02	0.000486	0.224438	1.67E-06	2.39E-01	0.012606	0.000374	0.427387	1.72E-06	0.440369
1162	486809.46	3856515.28	7.48761	4.13547	10.26316	3.0284	1.41E-02	0.00036	0.22287	3.4E-06	0.23731	1.72E-02	0.000445	0.274495	1.89E-06	2.92E-01	0.015203	0.000342	0.522709	1.96E-06	0.538255
1163	486859.46	3856515.28	7.07281	4.42474	9.59344	2.97192	1.33E-02	0.00039	0.20833	3.3E-06	0.22201	1.63E-02	0.000476	0.256583	1.86E-06	2.73E-01	0.01436	0.000366	0.488599	1.92E-06	0.503328
1164	486909.46	3856515.28	6.62449	4.60025	9.05133	2.88262	1.24E-02	0.0004	0.19656	3.2E-06	0.20941	1.53E-02	0.000495	0.242084	1.8E-06	2.58E-01	0.01345	0.00038	0.460989	1.86E-06	0.474822
1165	486980.94	3856357.95	4.99637	4.35796	6.92754	2.19722	9.39E-03	0.00038	0.15044	2.5E-06	0.16021	1.15E-02	0.000468	0.185282	1.37E-06	1.97E-01	0.010145	0.00036	0.352824	1.42E-06	0.36333
1166	487030.94	3856357.95	4.75344	4.58345	6.7287	2.14355	8.93E-03	0.0004	0.14612	2.4E-06	0.15546	1.09E-02	0.000493	0.179964	1.34E-06	1.91E-01	0.009651	0.000379	0.342697	1.38E-06	0.352728
1167	486980.94	3856407.95	5.32174	4.47614	7.28772	2.38859	1.00E-02	0.00039	0.15826	2.7E-06	0.16866	1.23E-02	0.000481	0.194915	1.49E-06	2.08E-01	0.010805	0.00037	0.371168	1.54E-06	0.382345
1168	487030.94	3856407.95	4.99781	4.81909	7.05575	2.32463	9.39E-03	0.00042	0.15322	2.6E-06	0.16304	1.15E-02	0.000518	0.188711	1.45E-06	2.01E-01	0.010147	0.000399	0.359353	1.5E-06	0.369901
1169	487447.18	3856437.45	3.97463	3.32401	5.46155	2.14683	7.47E-03	0.00029	0.1186	2.4E-06	0.12637	9.15E-03	0.000357	0.146073	1.34E-06	1.56E-01	0.00807	0.000275	0.27816	1.39E-06	0.286506
1170	487497.18	3856437.45	3.87912	3.41731	5.28598	2.12719	7.29E-03	0.0003	0.11479	2.4E-06	0.12238	8.93E-03	0.000367	0.141377	1.33E-06	1.51E-01	0.007876	0.000283	0.269218	1.37E-06	0.277378
1171	487547.18	3856437.45	3.75786	3.35107	5.09777	2.13274	7.06E-03	0.00029	0.1107	2.4E-06	0.11806	8.65E-03	0.00036	0.136343	1.33E-06	1.45E-01	0.00763	0.000277	0.259632	1.38E-06	0.267541
1172	487447.18	3856487.45	4.10227	3.41279	5.65463	2.28183	7.71E-03	0.0003	0.1228	2.5E-06	0.13081	9.45E-03	0.000367	0.151237	1.43E-06	1.61E-01	0.008329	0.000282	0.287994	1.47E-06	0.296606
1173	487497.18	3856487.45	3.99801	3.61687	5.47406	2.26504	7.51E-03	0.00032	0.11887	2.5E-06	0.12671	9.21E-03	0.000389	0.146407	1.42E-06	1.56E-01	0.008117	0.000299	0.278797	1.46E-06	0.287215
1174	487547.18	3856487.45	3.89896	3.47856	5.27222	2.25571	7.33E-03	0.00031	0.11449	2.5E-06	0.12213	8.98E-03	0.000374	0.141009	1.41E-06	1.50E-01	0.007916	0.000288	0.268517	1.46E-06	0.276723
1175	487447.18	3856537.45	4.2234	3.75443	5.8605	2.40256	7.94E-03	0.00033	0.12727	2.7E-06	0.13554	9.73E-03	0.000404	0.156743	1.5E-06	1.67E-01	0.008575	0.00031	0.298479	1.55E-06	0.307366
1176	487497.18	3856537.45	4.11054	3.69152	5.66502	2.37932	7.72E-03	0.00032	0.12302	2.7E-06	0.13107	9.47E-03	0.000397	0.151515	1.49E-06	1.61E-01	0.008346	0.000305	0.288523	1.54E-06	0.297175
1177	487547.18	3856537.45	4.0006	3.60579	5.44614	2.37234	7.52E-03	0.00032	0.11827	2.7E-06	0.12611	9.21E-03	0.000388	0.145661	1.48E-06	1.55E-01	0.008123	0.000298	0.277375	1.53E-06	0.285797
1178	489285.89	3858826.54	1.70123	1.83946	1.16713	2.38398	3.20E-03	0.00016	0.02535	2.7E-06	0.02871	3.92E-03	0.000198	0.031216	1.49E-06	3.53E-02	0.003454	0.000152	0.059443	1.54E-06	0.06305
1179	489335.89	3858826.54	1.60083	1.8013	1.1943	2.32675	3.01E-03	0.00016	0.02594	2.6E-06	0.0291	3.69E-03	0.000194	0.031942	1.46E-06	3.58E-02	0.00325	0.000149	0.060826	1.5E-06	0.064227
1180	489385.89	3858826.54	1.53393	1.70527	1.20618	2.19214	2.88E-03	0.00015	0.02619	2.4E-06	0.02923	3.53E-03	0.000183	0.03226	1.37E-06	3.60E-02	0.003114	0.000141	0.061431	1.42E-06	0.064688
1181	489435.89	3858826.54	1.47528	1.63752	1.2193	2.07513	2.77E-03	0.00014	0.02648	2.3E-06	0.0294	3.40E-03	0.000176	0.032611	1.3E-06	3.62E-02	0.002995	0.000135	0.0621	1.34E-06	0.065232
1182	489485.89	3858826.54	1.41884	1.594	1.23587	2.00996	2.67E-03	0.00014	0.02684	2.2E-06	0.02965	3.27E-03	0.000171	0.033054	1.26E-06	3.65E-02	0.002881	0.000132	0.062944	1.3E-06	0.065957
1183	489535.89	3858826.54	1.36706	1.53414	1.22959	2.04866	2.57E-03	0.00013	0.0267	2.3E-06	0.02941	3.15E-03	0.000165	0.032886	1.28E-06	3.62E-02	0.002776	0.000127	0.062624	1.32E-06	0.065528
1184	489585.89	3858826.54	1.31888	1.59556	1.20599	2.02698	2.48E-03	0.00014	0.02619	2.3E-06	0.02881	3.04E-03	0.000172	0.032255	1.27E-06	3.55E-02	0.002678	0.000132	0.061422	1.31E-06	0.064233
1185	489635.89	3858826.54	1.27605	1.67771	1.1954	1.98287	2.40E-03	0.00015	0.02596	2.2E-06	0.02851	2.94E-03	0.00018	0.031972	1.24E-06	3.51E-02	0.002591	0.000139	0.060882	1.28E-06	0.063613
1186	489685.89	3858826.54	1.26645	1.70254	1.13582	1.93181	2.38E-03	0.00015	0.02467	2.2E-06	0.0272	2.92E-03	0.000183	0.030378	1.21E-06	3.35E-02	0.002571	0.000141	0.057848	1.25E-06	0.060561
1187	489735.89	3858826.54	1.26853	1.71641	1.09248	1.87568	2.38E-03	0.00015	0.02372	2.1E-06	0.02626	2.92E-03	0.000185	0.029219	1.17E-06	3.23E-02	0.002576	0.000142	0.055641	1.21E-06	0.058359
1188	489785.89	3858826.54	1.27059	1.71774	1.04217	1.84441	2.39E-03	0.00015	0.02263	2.1E-06	0.02517	2.93E-03	0.000185	0.027874	1.15E-06	3.10E-02	0.00258	0.000142	0.053078	1.19E-06	0.055801
1189	489835.89	3858826.54	1.23705	1.70887	1.04543	1.83636	2.32E-03	0.00015	0.0227	2.1E-06	0.02518	2.85E-03	0.000184	0.027961	1.15E-06	3.10E-02	0.002512	0.000141	0.053244	1.19E-06	0.055899
1190	489885.89	3858826.54	1.1918	1.68398	1.06025	1.87423	2.24E-03	0.00015	0.02302	2.1E-06	0.02541	2.74E-03	0.000181	0.028357	1.17E-06	3.13E-02	0.00242	0.000139	0.053999	1.21E-06	0.056559
1191	489935.89	3858826.54	1.17329	1.67594	1.09333	1.89987	2.20E-03	0.00015	0.02374	2.1E-06	0.0261	2.70E-03	0.00018	0.029242	1.19E-06	3.21E-02	0.002382	0.000139	0.055684	1.23E-06	0.058206
1192	489985.89	3858826.54	1.16633	1.69261	1.12446	1.93538	2.19E-03	0.00015	0.02442	2.2E-06	0.02676	2.69E-03	0.000182	0.030074	1.21E-06	3.29E-02	0.002368	0.00014	0.057269	1.25E-06	0.059779
1193	490035.89	3858826.54	1.15933	1.74202	1.15322	1.95932	2.18E-03	0.00015	0.02504	2.2E-06	0.02738	2.67E-03	0.000187	0.030844	1.23E-06	3.37E-02	0.002354	0.000144	0.058734	1.27E-06	0.061233
1194	489285.89	3858876.54	1.72054	1.81525	1.13959	2.37106	3.23E-03	0.00016	0.02475	2.6E-06	0.02814	3.96E-03	0.000195	0.030479	1.48E-06	3.46E-02	0.003493	0.00015	0.05804	1.53E-06	0.061685
1195	489335.89	3858876.54	1.6166	1.75109	1.13144	2.34405	3.04E-03	0.00015	0.02457	2.6E-06	0.02776	3.72E-03	0.000188	0.030261	1.47E-06	3.42E-02	0.003282	0.000145	0.057625	1.51E-06	0.061054
1196	489385.89	3858876.54	1.54172	1.77415	1.15049	2.20497	2.90E-03	0.00016	0.02498	2.5E-06	0.02804	3.55E-03	0.000191	0.030771	1.38E-06	3.45E-02	0.00313	0.000147	0.058595	1.42E-06	0.061874
1197	489435.89	3858876.54	1.47021	1.66493	1.15932	2.1396	2.76E-03	0.00015	0.02518	2.4E-06	0.02809	3.39E-03	0.000179	0.031007	1.34E-06	3.46E-02	0.002985	0.000138	0.059045	1.38E-06	0.062169
1198	489485.89	3858876.54	1.39938	1.59448	1.17631	2.01	2.63E-03	0.00014	0.02554	2.2E-06	0.02832	3.22E-03	0.000171	0.031461	1.26E-06	3.49E-02	0.002841	0.000132	0.05991	1.3E-06	0.062885
1199	489535.89	3858876.54	1.33688	1.5629	1.18893	1.92506	2.51E-03	0.00014	0.02582	2.2E-06	0.02847	3.08E-03	0.000168	0.031799	1.2E-06	3.50E-02	0.002714	0.000129	0.060553	1.24E-06	0.063398
1200	489585.89	3858876.54	1.28077	1.50736	1.20796	1.88847	2.41E-03	0.00013	0.02623	2.1E-06	0.02877	2.95E-03	0.000162	0.032308	1.18E-06	3.54E-02	0.0026	0.000125	0.061522	1.22E-06	0.064248
1201	489635.89	3858876.54	1.24456	1.46288	1.17152	1.94537	2.34E-03	0.00013	0.02544	2.2E-06	0.02791	2.87E-03	0.000157	0.031333	1.22E-06	3.44E-02	0.002527	0.000121	0.059666	1.26E-06	0.062315
1202	489685.89	3858876.54	1.24486	1.5582	1.15575	1.91488	2.34E-03	0.00014	0.0251	2.1E-06	0.02758	2.87E-03	0.000168	0.030911	1.2E-06	3.39E-02	0.002528	0.000129	0.058863	1.24E-06	0.061521
1203	489735.89	3858876.54	1.21663	1.61592	1.1224	1.8779	2.29E-03	0.00014	0.02437	2.1E-06	0.0268	2.80E-03	0.000174	0.030019	1.17E-06	3.30E-02	0.00247	0.000134	0.057164	1.21E-06	0.05977
1204	489785.89	3858876.54	1.22102	1.63519	1.08458	1.83594	2.29E-03	0.00014	0.02355	2.1E-06	0.02599	2.81E-03	0.000176	0.029008	1.15E-06	3.20E-02	0.002479	0.000135	0.055238	1.19E-06	0.057854
1205	489835.89	3858876.54	1.21036	1.64793	1.04076	1.78801	2.27E-03	0.00014	0.0226	2E-06	0.02502	2.79E-03	0.000177	0.027836	1.12E-06	3.08E-02	0.002457	0.000136	0.053007	1.15E-06	0.055601
1206	489885.89	3858876.54	1.16756	1.64651	0.99021	1.77413	2.19E-03	0.00014	0.0215	2E-06	0.02384	2.69E-03	0.000177	0.026484	1.11E-06	2.94E-02	0.002371	0.000136	0.050432	1.15E-06	0.05294
1207	489935.89	3858876.54	1.15269	1.63759	1.02328	1.75883	2.17E-03	0.00014	0.02222	2E-06	0.02453	2.65E-03	0.000176	0.027368	1.1E-06	3.02E-02	0.00234	0.000135	0.052116	1.14E-06	0.054593
1208	489985.89	3858876.54	1.14894	1.61689	1.03146	1.79914	2.16E-03	0.00014	0.0224	2E-06	0.0247	2.65E-03	0.000174	0.027587	1.13E-06	3.04E-02	0.002333	0.000134	0.052533	1.16E-06	0.055001
1209	490035.89	3858876.54	1.14392	1.6196	1.07701	1.82826	2.15E-03	0.00014	0.02339	2E-06	0.02568	2.63E-03	0.000174	0.028805	1.14E-06	3.16E-02	0.002323	0.000134	0.054853	1.18E-06	0.05731
1210	489285.89	3858926.54	1.64729	1.72195	1.17543	2.25927	3.10E-03	0.00015	0.02553	2.5E-06	0.02877	3.79E-03	0.000185	0.031438	1.41E-06	3.54E-02	0.003345	0.000142	0.059865	1.46E-06	0.063354
1211	489335.89	3858926.54	1.58803	1.7592	1.11045	2.23715	2.98E-03	0.00015	0.02411	2.5E-06	0.02726	3.66E-03	0.000189	0.0297	1.4E-06	3.35E-02	0.003224	0.000145	0.056556	1.45E-06	0.059927
1212	489385.89	3858926.54	1.52679	1.69886	1.09746	2.27112	2.87E-03	0.00015	0.02383	2.5E-06	0.02685	3.52E-03	0.000183	0.029352	1.42E-06	3.31E-02	0.0031	0.00014	0.055894	1.47E-06	0.059136
1213	489435.89	3858926.54	1.4679	1.6933	1.10654	2.17701	2.76E-03	0.00015	0.02403	2.4E-06	0.02694	3.38E-03	0.000182	0.029595	1.36E-06	3.32E-02	0.00298	0.00014	0.056357	1.41E-06	0.059479
1214	489485.89	3858926.54	1.40818	1.63877	1.11759	2.04858	2.65E-03	0.00014	0.02427	2.3E-06	0.02706	3.24E-03	0.000176	0.029891	1.28E-06	3.33E-02	0.002859	0.000136	0.056919	1.32E-06	0.059915
1215	489535.89	3858926.54	1.34776	1.58	1.1367	1.95786	2.53E-03	0.00014	0.02468	2.2E-06	0.02736	3.10E-03	0.00017	0.030402	1.22E-06	3.37E-02	0.002736	0.000131	0.057893	1.26E-06	0.060761
1216	489585.89	3858926.54	1.29094	1.53003	1.14499	1.88599	2.43E-03	0.00013	0.02486	2.1E-06	0.02743	2.97E-03	0.000164	0.030624	1.18E-06	3.38E-02	0.002621	0.000127	0.058315	1.22E-06	0.061064

1217	489635.89	3858926.54	1.23813	1.46449	1.16613	1.83429	2.33E-03	0.00013	0.02532	2E-06	0.02778	2.85E-03	0.000157	0.031189	1.15E-06	3.42E-02	0.002514	0.000121	0.059392	1.18E-06	0.062028
1218	489685.89	3858926.54	1.18894	1.43858	1.15018	1.78064	2.23E-03	0.00013	0.02498	2E-06	0.02734	2.74E-03	0.000155	0.030762	1.11E-06	3.37E-02	0.002414	0.000119	0.058579	1.15E-06	0.061113
1219	489735.89	3858926.54	1.1792	1.43031	1.13225	1.83952	2.22E-03	0.00013	0.02459	2.1E-06	0.02693	2.72E-03	0.000154	0.030283	1.15E-06	3.32E-02	0.002394	0.000118	0.057666	1.19E-06	0.06018
1220	489785.89	3858926.54	1.17481	1.51777	1.10835	1.81655	2.21E-03	0.00013	0.02407	2E-06	0.02641	2.71E-03	0.000163	0.029644	1.14E-06	3.25E-02	0.002385	0.000126	0.056449	1.17E-06	0.058961
1221	489835.89	3858926.54	1.16543	1.55255	1.07354	1.78612	2.19E-03	0.00014	0.02331	2E-06	0.02564	2.68E-03	0.000167	0.028713	1.12E-06	3.16E-02	0.002366	0.000128	0.054676	1.15E-06	0.057172
1222	489885.89	3858926.54	1.13586	1.57054	1.03297	1.75134	2.13E-03	0.00014	0.02243	2E-06	0.02471	2.62E-03	0.000169	0.027627	1.1E-06	3.04E-02	0.002306	0.00013	0.05261	1.13E-06	0.055047
1223	489935.89	3858926.54	1.12811	1.58178	0.99068	1.71379	2.12E-03	0.00014	0.02151	1.9E-06	0.02377	2.60E-03	0.00017	0.026496	1.07E-06	2.93E-02	0.00229	0.000131	0.050456	1.11E-06	0.052878
1224	489985.89	3858926.54	1.12635	1.5852	0.96536	1.70931	2.12E-03	0.00014	0.02096	1.9E-06	0.02322	2.59E-03	0.00017	0.025819	1.07E-06	2.86E-02	0.002287	0.000131	0.049166	1.1E-06	0.051585
1225	490035.89	3858926.54	1.12488	1.58042	0.97761	1.69349	2.11E-03	0.00014	0.02123	1.9E-06	0.02348	2.59E-03	0.00017	0.026147	1.06E-06	2.89E-02	0.002284	0.000131	0.04979	1.09E-06	0.052206
1226	489335.89	3858976.54	1.51457	1.68259	1.15172	2.19928	2.85E-03	0.00015	0.02501	2.5E-06	0.02801	3.49E-03	0.000181	0.030804	1.38E-06	3.45E-02	0.003075	0.000139	0.058658	1.42E-06	0.061873
1227	489385.89	3858976.54	1.44644	1.64205	1.09702	2.15194	2.72E-03	0.00014	0.02382	2.4E-06	0.02669	3.33E-03	0.000177	0.029341	1.35E-06	3.28E-02	0.002937	0.000136	0.055872	1.39E-06	0.058946
1228	489435.89	3858976.54	1.40716	1.64804	1.06312	2.13992	2.64E-03	0.00014	0.02309	2.4E-06	0.02588	3.24E-03	0.000177	0.028434	1.34E-06	3.19E-02	0.002857	0.000136	0.054145	1.38E-06	0.05714
1229	489485.89	3858976.54	1.37572	1.61701	1.06233	2.14385	2.59E-03	0.00014	0.02307	2.4E-06	0.0258	3.17E-03	0.000174	0.028413	1.34E-06	3.18E-02	0.002793	0.000134	0.054105	1.38E-06	0.057033
1230	489535.89	3858976.54	1.33663	1.61578	1.08569	2.02265	2.51E-03	0.00014	0.02358	2.3E-06	0.02623	3.08E-03	0.000174	0.029038	1.27E-06	3.23E-02	0.002714	0.000134	0.055295	1.31E-06	0.058144
1231	489585.89	3858976.54	1.27509	1.51524	1.09142	1.91124	2.40E-03	0.00013	0.0237	2.1E-06	0.02623	2.94E-03	0.000163	0.029191	1.2E-06	3.23E-02	0.002589	0.000125	0.055587	1.23E-06	0.058302
1232	489635.89	3858976.54	1.22689	1.4918	1.106	1.8403	2.31E-03	0.00013	0.02402	2.1E-06	0.02646	2.83E-03	0.00016	0.029581	1.15E-06	3.26E-02	0.002491	0.000123	0.056329	1.19E-06	0.058945
1233	489685.89	3858976.54	1.17944	1.46573	1.12476	1.81313	2.22E-03	0.00013	0.02443	2E-06	0.02677	2.72E-03	0.000158	0.030082	1.13E-06	3.30E-02	0.002395	0.000121	0.057285	1.17E-06	0.059802
1234	489735.89	3858976.54	1.13336	1.40597	1.13558	1.73777	2.13E-03	0.00012	0.02466	1.9E-06	0.02692	2.61E-03	0.000151	0.030372	1.09E-06	3.31E-02	0.002301	0.000116	0.057836	1.12E-06	0.060254
1235	489785.89	3858976.54	1.12642	1.36713	1.10205	1.73128	2.12E-03	0.00012	0.02393	1.9E-06	0.02617	2.59E-03	0.000147	0.029475	1.08E-06	3.22E-02	0.002287	0.000113	0.056128	1.12E-06	0.058529
1236	489835.89	3858976.54	1.12587	1.41077	1.08394	1.74715	2.12E-03	0.00012	0.02354	2E-06	0.02578	2.59E-03	0.000152	0.028991	1.09E-06	3.17E-02	0.002286	0.000117	0.055206	1.13E-06	0.057609
1237	489885.89	3858976.54	1.10942	1.47093	1.05993	1.72693	2.08E-03	0.00013	0.02302	1.9E-06	0.02523	2.55E-03	0.000158	0.028349	1.08E-06	3.11E-02	0.002253	0.000122	0.053983	1.12E-06	0.056358
1238	489935.89	3858976.54	1.10274	1.49654	1.02787	1.70242	2.07E-03	0.00013	0.02232	1.9E-06	0.02453	2.54E-03	0.000161	0.027491	1.06E-06	3.02E-02	0.002239	0.000124	0.05235	1.1E-06	0.054714
1239	489985.89	3858976.54	1.10144	1.51533	0.98923	1.67242	2.07E-03	0.00013	0.02148	1.9E-06	0.02369	2.54E-03	0.000163	0.026458	1.05E-06	2.92E-02	0.002236	0.000125	0.050382	1.08E-06	0.052745
1240	490035.89	3858976.54	1.10387	1.54127	0.95114	1.64869	2.07E-03	0.00014	0.02065	1.8E-06	0.02287	2.54E-03	0.000166	0.025439	1.03E-06	2.81E-02	0.002241	0.000127	0.048442	1.07E-06	0.050812
1241	489385.89	3859026.54	1.4756	1.64592	1.13977	2.14277	2.77E-03	0.00014	0.02475	2.4E-06	0.02767	3.40E-03	0.000177	0.030484	1.34E-06	3.41E-02	0.002996	0.000136	0.058049	1.38E-06	0.061183
1242	489435.89	3859026.54	1.39123	1.56052	1.08209	1.99878	2.61E-03	0.00014	0.0235	2.2E-06	0.02625	3.20E-03	0.000168	0.028941	1.25E-06	3.23E-02	0.002825	0.000129	0.055111	1.29E-06	0.058067
1243	489485.89	3859026.54	1.33447	1.60406	1.03155	2.02085	2.51E-03	0.00014	0.0224	2.3E-06	0.02505	3.07E-03	0.000172	0.02759	1.26E-06	3.08E-02	0.002709	0.000133	0.052537	1.31E-06	0.055381
1244	489535.89	3859026.54	1.30953	1.54772	1.02576	2.05487	2.46E-03	0.00014	0.02228	2.3E-06	0.02487	3.02E-03	0.000166	0.027435	1.29E-06	3.06E-02	0.002659	0.000128	0.052243	1.33E-06	0.055031
1245	489585.89	3859026.54	1.28471	1.56676	1.04727	1.99516	2.41E-03	0.00014	0.02274	2.2E-06	0.0253	2.96E-03	0.000168	0.02801	1.25E-06	3.11E-02	0.002608	0.00013	0.053338	1.29E-06	0.056077
1246	489635.89	3859026.54	1.24469	1.49531	1.0513	1.86967	2.34E-03	0.00013	0.02283	2.1E-06	0.0253	2.87E-03	0.000161	0.028118	1.17E-06	3.11E-02	0.002527	0.000124	0.053543	1.21E-06	0.056195
1247	489685.89	3859026.54	1.1788	1.4698	1.06892	1.79982	2.22E-03	0.00013	0.02321	2E-06	0.02556	2.71E-03	0.000158	0.028589	1.13E-06	3.15E-02	0.002393	0.000122	0.054441	1.16E-06	0.056957
1248	489735.89	3859026.54	1.11866	1.43247	1.0817	1.73729	2.10E-03	0.00013	0.02349	1.9E-06	0.02572	2.58E-03	0.000154	0.028931	1.09E-06	3.17E-02	0.002271	0.000118	0.055092	1.12E-06	0.057482
1249	489785.89	3859026.54	1.09867	1.3706	1.10061	1.66742	2.06E-03	0.00012	0.0239	1.9E-06	0.02609	2.53E-03	0.000147	0.029437	1.04E-06	3.21E-02	0.002231	0.000113	0.056055	1.08E-06	0.0584
1250	489835.89	3859026.54	1.08595	1.33493	1.07675	1.65958	2.04E-03	0.00012	0.02338	1.9E-06	0.02554	2.50E-03	0.000144	0.028798	1.04E-06	3.14E-02	0.002205	0.00011	0.054839	1.07E-06	0.057156
1251	489885.89	3859026.54	1.08382	1.31547	1.06421	1.66864	2.04E-03	0.00012	0.02311	1.9E-06	0.02526	2.50E-03	0.000141	0.028463	1.04E-06	3.11E-02	0.002201	0.000109	0.054201	1.08E-06	0.056511
1252	489935.89	3859026.54	1.07815	1.38487	1.04508	1.65882	2.03E-03	0.00012	0.02269	1.9E-06	0.02484	2.48E-03	0.000149	0.027951	1.04E-06	3.06E-02	0.002189	0.000115	0.053227	1.07E-06	0.055531
1253	489985.89	3859026.54	1.05396	1.42303	1.01868	1.64415	1.98E-03	0.00012	0.02212	1.8E-06	0.02423	2.43E-03	0.000153	0.027245	1.03E-06	2.98E-02	0.00214	0.000118	0.051882	1.06E-06	0.054141
1254	490035.89	3859026.54	1.06615	1.46402	0.991	1.61059	2.00E-03	0.00013	0.02152	1.8E-06	0.02365	2.46E-03	0.000157	0.026505	1.01E-06	2.91E-02	0.002165	0.000121	0.050472	1.04E-06	0.052759
1255	489485.89	3859076.54	1.35618	1.52991	1.06729	1.953	2.55E-03	0.00013	0.02318	2.2E-06	0.02586	3.12E-03	0.000164	0.028545	1.22E-06	3.18E-02	0.002754	0.000127	0.054358	1.26E-06	0.057239
1256	489535.89	3859076.54	1.2941	1.558	1.01165	1.92519	2.43E-03	0.00014	0.02197	2.2E-06	0.02454	2.98E-03	0.000167	0.027057	1.2E-06	3.02E-02	0.002628	0.000129	0.051524	1.24E-06	0.054282
1257	489585.89	3859076.54	1.2493	1.50923	0.99752	1.94825	2.35E-03	0.00013	0.02166	2.2E-06	0.02414	2.88E-03	0.000162	0.026679	1.22E-06	2.97E-02	0.002537	0.000125	0.050804	1.26E-06	0.053467
1258	489635.89	3859076.54	1.23362	1.50105	1.01416	1.95798	2.32E-03	0.00013	0.02202	2.2E-06	0.02448	2.84E-03	0.000161	0.027124	1.22E-06	3.01E-02	0.002505	0.000124	0.051652	1.26E-06	0.054282
1259	489685.89	3859076.54	1.2155	1.47466	1.02035	1.83335	2.28E-03	0.00013	0.02216	2E-06	0.02457	2.80E-03	0.000159	0.02729	1.15E-06	3.02E-02	0.002468	0.000122	0.051967	1.18E-06	0.054558
1260	489735.89	3859076.54	1.16348	1.40619	1.02887	1.75918	2.19E-03	0.00012	0.02234	2E-06	0.02465	2.68E-03	0.000151	0.027518	1.1E-06	3.03E-02	0.002362	0.000116	0.052401	1.14E-06	0.054881
1261	489785.89	3859076.54	1.10489	1.39659	1.04126	1.70452	2.08E-03	0.00012	0.02261	1.9E-06	0.02481	2.54E-03	0.00015	0.027849	1.07E-06	3.05E-02	0.002243	0.000115	0.053032	1.1E-06	0.055392
1262	489835.89	3859076.54	1.0795	1.37397	1.06357	1.64609	2.03E-03	0.00012	0.0231	1.8E-06	0.02525	2.49E-03	0.000148	0.028446	1.03E-06	3.11E-02	0.002192	0.000114	0.054168	1.06E-06	0.056475
1263	489885.89	3859076.54	1.06572	1.32046	1.06432	1.62492	2.00E-03	0.00012	0.02311	1.8E-06	0.02523	2.45E-03	0.000142	0.028466	1.02E-06	3.11E-02	0.002164	0.000109	0.054206	1.05E-06	0.05648
1264	489935.89	3859076.54	1.05759	1.2882	1.04126	1.60189	1.99E-03	0.00011	0.02261	1.8E-06	0.02471	2.44E-03	0.000138	0.027849	1E-06	3.04E-02	0.002147	0.000107	0.053032	1.03E-06	0.055287
1265	489985.89	3859076.54	1.05403	1.28144	1.02779	1.5852	1.98E-03	0.00011	0.02232	1.8E-06	0.02441	2.43E-03	0.000138	0.027489	9.91E-07	3.01E-02	0.00214	0.000106	0.052346	1.02E-06	0.054593
1266	490035.89	3859076.54	1.03782	1.36216	1.00784	1.57057	1.95E-03	0.00012	0.02189	1.8E-06	0.02396	2.39E-03	0.000146	0.026955	9.82E-07	2.95E-02	0.002107	0.000113	0.05133	1.01E-06	0.053551
1267	489585.89	3859126.54	1.27196	1.44066	1.00068	1.85268	2.39E-03	0.00013	0.02173	2.1E-06	0.02425	2.93E-03	0.000155	0.026764	1.16E-06	2.98E-02	0.002583	0.000119	0.050965	1.2E-06	0.053668
1268	489635.89	3859126.54	1.20664	1.46765	0.96732	1.85209	2.27E-03	0.00013	0.02101	2.1E-06	0.0234	2.78E-03	0.000158	0.025872	1.16E-06	2.88E-02	0.00245	0.000121	0.049266	1.2E-06	0.051839
1269	489685.89	3859126.54	1.18199	1.43942	0.97272	1.87555	2.22E-03	0.00013	0.02112	2.1E-06	0.02347	2.72E-03	0.000155	0.026016	1.17E-06	2.89E-02	0.0024	0.000119	0.049541	1.21E-06	0.052061
1270	489735.89	3859126.54	1.16267	1.45117	0.99129	1.80163	2.18E-03	0.00013	0.02153	2E-06	0.02384	2.68E-03	0.000156	0.026513	1.13E-06	2.93E-02	0.002361	0.00012	0.050487	1.16E-06	0.052969
1271	489785.89	3859126.54	1.13622	1.36756	0.99174	1.71709	2.14E-03	0.00012	0.02154	1.9E-06	0.02379	2.62E-03	0.000147	0.026525	1.07E-06	2.93E-02	0.002307	0.000113	0.05051	1.11E-06	0.052931
1272	489835.89	3859126.54	1.09026	1.36386	1.00702	1.67025	2.05E-03	0.00012	0.02187	1.9E-06	0.02404	2.51E-03	0.000147	0.026933	1.04E-06	2.96E-02	0.002214	0.000113	0.051288	1.08E-06	0.053616
1273	489885.89	3859126.54	1.06028	1.34755	1.02725	1.67962	1.99E-03	0.00012	0.02231	1.9E-06	0.02442	2.44E-03	0.000145	0.027474	1.05E-06	3.01E-02	0.002153	0.000111	0.052318	1.08E-06	0.054584
1274	489935.89	3859126.54	1.04732	1.29565	1.04414	1.60877	1.97E-03	0.00011	0.02267	1.8E-06	0.02476	2.41E-03	0.000139	0.027926	1.01E-06	3.05E-02	0.002126	0.000107	0.053179	1.04E-06	0.055413
1275	489985.89	3859126.54	1.03795	1.24304	1.02056	1.56475	1.95E-03	0.00011	0.02216	1.7E-06	0.02422	2.39E-03	0.000134	0.027296	9.79E-07	2.98E-02	0.002107	0.000103	0.051978	1.01E-06	0.054189
1276	490035.89	3859126.54	1.0322	1.24285	1.01342	1.56764	1.94E-03	0.00011	0.02201	1.8E-06	0.02406	2.38E-03	0.000134	0.027105	9.8E-07	2.96E-02	0.002096	0.000103	0.051614	1.01E-06	0.053814
1277	489585.89	3859176.54	1.28355	1.4717	1.03688	1.8734	2.41E-03	0.00013	0.02252	2.1E-06	0.02506	2.96E-03	0.000158	0.027732	1.17E-06	3.08E-02	0.002606	0.000122	0.052809	1.21E-06	0.055538

1278	489635.89	3859176.54	1.24006	1.3936	0.9887	1.74629	2.33E-03	0.00012	0.02147	2E-06	0.02393	2.86E-03	0.00015	0.026443	1.09E-06	2.94E-02	0.002518	0.000115	0.050355	1.13E-06	0.052989
1279	489685.89	3859176.54	1.19521	1.42904	0.9384	1.76401	2.25E-03	0.00013	0.02038	2E-06	0.02275	2.75E-03	0.000154	0.025098	1.1E-06	2.80E-02	0.002427	0.000118	0.047793	1.14E-06	0.050339
1280	489735.89	3859176.54	1.12783	1.38086	0.93686	1.78853	2.12E-03	0.00012	0.02034	2E-06	0.02259	2.60E-03	0.000148	0.025057	1.12E-06	2.78E-02	0.00229	0.000114	0.047715	1.16E-06	0.05012
1281	489785.89	3859176.54	1.11955	1.39513	0.95804	1.77318	2.10E-03	0.00012	0.0208	2E-06	0.02303	2.58E-03	0.00015	0.025623	1.11E-06	2.84E-02	0.002273	0.000115	0.048794	1.15E-06	0.051183
1282	489835.89	3859176.54	1.0972	1.35368	0.95634	1.67454	2.06E-03	0.00012	0.02077	1.9E-06	0.02295	2.53E-03	0.000146	0.025578	1.05E-06	2.83E-02	0.002228	0.000112	0.048707	1.08E-06	0.051048
1283	489885.89	3859176.54	1.0685	1.32421	0.9737	1.62742	2.01E-03	0.00012	0.02114	1.8E-06	0.02327	2.46E-03	0.000142	0.026042	1.02E-06	2.86E-02	0.002169	0.00011	0.049591	1.05E-06	0.051871
1284	489935.89	3859176.54	1.03793	1.31644	0.9898	1.591	1.95E-03	0.00012	0.02149	1.8E-06	0.02356	2.39E-03	0.000142	0.026473	9.95E-07	2.90E-02	0.002107	0.000109	0.050411	1.03E-06	0.052628
1285	489985.89	3859176.54	1.01002	1.30192	1.01388	1.6035	1.90E-03	0.00011	0.02202	1.8E-06	0.02403	2.33E-03	0.00014	0.027117	1E-06	2.96E-02	0.002051	0.000108	0.051637	1.04E-06	0.053797
1286	490035.89	3859176.54	1.0073	1.24706	1.00464	1.55275	1.89E-03	0.00011	0.02182	1.7E-06	0.02382	2.32E-03	0.000134	0.02687	9.71E-07	2.93E-02	0.002045	0.000103	0.051167	1E-06	0.053316
1287	489685.89	3859226.54	1.20193	1.36825	0.97631	1.71291	2.26E-03	0.00012	0.0212	1.9E-06	0.02358	2.77E-03	0.000147	0.026112	1.07E-06	2.90E-02	0.00244	0.000113	0.049724	1.11E-06	0.052279
1288	489735.89	3859226.54	1.17256	1.36878	0.92383	1.68713	2.20E-03	0.00012	0.02006	1.9E-06	0.02239	2.70E-03	0.000147	0.024708	1.06E-06	2.76E-02	0.002381	0.000113	0.047051	1.09E-06	0.049546
1289	489785.89	3859226.54	1.1166	1.34702	0.90884	1.70874	2.10E-03	0.00012	0.01974	1.9E-06	0.02195	2.57E-03	0.000145	0.024308	1.07E-06	2.70E-02	0.002267	0.000111	0.046288	1.1E-06	0.048667
1290	489835.89	3859226.54	1.07299	1.34486	0.93007	1.72312	2.02E-03	0.00012	0.0202	1.9E-06	0.02233	2.47E-03	0.000145	0.024875	1.08E-06	2.75E-02	0.002179	0.000111	0.047369	1.11E-06	0.04966
1291	489885.89	3859226.54	1.06031	1.34249	0.93821	1.63709	1.99E-03	0.00012	0.02037	1.8E-06	0.02249	2.44E-03	0.000144	0.025093	1.02E-06	2.77E-02	0.002153	0.000111	0.047784	1.06E-06	0.050048
1292	489935.89	3859226.54	1.04544	1.28592	0.94109	1.5986	1.96E-03	0.00011	0.02044	1.8E-06	0.02252	2.41E-03	0.000138	0.02517	1E-06	2.77E-02	0.002123	0.000106	0.04793	1.03E-06	0.05016
1293	489985.89	3859226.54	1.00489	1.29286	0.95875	1.63359	1.89E-03	0.00011	0.02082	1.8E-06	0.02282	2.31E-03	0.000139	0.025642	1.02E-06	2.81E-02	0.00204	0.000107	0.04883	1.06E-06	0.050978
1294	490035.89	3859226.54	0.98903	1.27735	0.98085	1.59468	1.86E-03	0.00011	0.0213	1.8E-06	0.02327	2.28E-03	0.000137	0.026233	9.97E-07	2.86E-02	0.002008	0.000106	0.049955	1.03E-06	0.05207
1295	489735.89	3859276.54	1.15802	1.34263	0.96285	1.68641	2.18E-03	0.00012	0.02091	1.9E-06	0.02321	2.67E-03	0.000144	0.025752	1.05E-06	2.86E-02	0.002351	0.000111	0.049039	1.09E-06	0.051502
1296	489785.89	3859276.54	1.13091	1.27052	0.91527	1.60729	2.13E-03	0.00011	0.01988	1.8E-06	0.02211	2.60E-03	0.000137	0.02448	1.01E-06	2.72E-02	0.002296	0.000105	0.046615	1.04E-06	0.049018
1297	489835.89	3859276.54	1.10252	1.31839	0.88503	1.63465	2.07E-03	0.00012	0.01922	1.8E-06	0.02141	2.54E-03	0.000142	0.023671	1.02E-06	2.64E-02	0.002239	0.000109	0.045075	1.06E-06	0.047424
1298	489885.89	3859276.54	1.05495	1.29655	0.8964	1.6507	1.98E-03	0.00011	0.01947	1.8E-06	0.02156	2.43E-03	0.000139	0.023975	1.03E-06	2.65E-02	0.002142	0.000107	0.045654	1.07E-06	0.047904
1299	489935.89	3859276.54	1.03319	1.30831	0.91389	1.61583	1.94E-03	0.00011	0.01985	1.8E-06	0.0219	2.38E-03	0.000141	0.024443	1.01E-06	2.70E-02	0.002098	0.000108	0.046545	1.04E-06	0.048752
1300	489985.89	3859276.54	1.01853	1.26356	0.9137	1.64285	1.91E-03	0.00011	0.01984	1.8E-06	0.02187	2.35E-03	0.000136	0.024438	1.03E-06	2.69E-02	0.002068	0.000104	0.046535	1.06E-06	0.048709
1301	490035.89	3859276.54	0.98326	1.25489	0.92758	1.59369	1.85E-03	0.00011	0.02014	1.8E-06	0.0221	2.26E-03	0.000135	0.024809	9.97E-07	2.72E-02	0.001996	0.000104	0.047242	1.03E-06	0.049343
1302	490458.06	3859590.74	0.79498	1.05402	0.7714	1.3003	1.49E-03	9.2E-05	0.01675	1.5E-06	0.01834	1.83E-03	0.000113	0.020632	8.13E-07	2.26E-02	0.001614	8.72E-05	0.039288	8.4E-07	0.04099
1303	490508.06	3859590.74	0.7803	1.04783	0.79492	1.27087	1.47E-03	9.2E-05	0.01726	1.4E-06	0.01882	1.80E-03	0.000113	0.021261	7.95E-07	2.32E-02	0.001584	8.67E-05	0.040486	8.21E-07	0.042158
1304	490558.06	3859590.74	0.77711	1.02585	0.81371	1.23886	1.46E-03	9E-05	0.01767	1.4E-06	0.01922	1.79E-03	0.00011	0.021763	7.75E-07	2.37E-02	0.001578	8.48E-05	0.041443	8E-07	0.043106
1305	490608.06	3859590.74	0.77433	1.03761	0.81746	1.26479	1.46E-03	9.1E-05	0.01775	1.4E-06	0.0193	1.78E-03	0.000112	0.021864	7.91E-07	2.38E-02	0.001572	8.58E-05	0.041634	8.17E-07	0.043293
1306	490658.06	3859590.74	0.77205	0.99038	0.80623	1.24543	1.45E-03	8.7E-05	0.01751	1.4E-06	0.01905	1.78E-03	0.000106	0.021563	7.79E-07	2.34E-02	0.001568	8.19E-05	0.041062	8.05E-07	0.042712
1307	490708.06	3859590.74	0.75328	0.99525	0.80559	1.21946	1.42E-03	8.7E-05	0.01749	1.4E-06	0.019	1.73E-03	0.000107	0.021546	7.63E-07	2.34E-02	0.001529	8.23E-05	0.041029	7.88E-07	0.042642
1308	490758.06	3859590.74	0.74374	0.97381	0.8007	1.17148	1.40E-03	8.5E-05	0.01739	1.3E-06	0.01887	1.71E-03	0.000105	0.021415	7.33E-07	2.32E-02	0.00151	8.05E-05	0.04078	7.57E-07	0.042371
1309	490808.06	3859590.74	0.74469	0.94077	0.78061	1.12324	1.40E-03	8.3E-05	0.01695	1.3E-06	0.01843	1.71E-03	0.000101	0.020878	7.03E-07	2.27E-02	0.001512	7.78E-05	0.039757	7.26E-07	0.041347
1310	490858.06	3859590.74	0.72869	0.96746	0.72536	1.16507	1.37E-03	8.5E-05	0.01575	1.3E-06	0.01721	1.68E-03	0.000104	0.0194	7.29E-07	2.12E-02	0.00148	8E-05	0.036943	7.53E-07	0.038503
1311	490458.06	3859640.74	0.7917	1.03101	0.73916	1.2805	1.49E-03	9E-05	0.01605	1.4E-06	0.01763	1.82E-03	0.000111	0.019769	8.01E-07	2.17E-02	0.001607	8.53E-05	0.037646	8.27E-07	0.039339
1312	490508.06	3859640.74	0.77438	1.0306	0.74622	1.27056	1.46E-03	9E-05	0.0162	1.4E-06	0.01775	1.78E-03	0.000111	0.019958	7.95E-07	2.19E-02	0.001572	8.52E-05	0.038005	8.21E-07	0.039664
1313	490558.06	3859640.74	0.76286	1.02473	0.76022	1.24139	1.43E-03	9E-05	0.01651	1.4E-06	0.01803	1.76E-03	0.00011	0.020333	7.76E-07	2.22E-02	0.001549	8.47E-05	0.038718	8.02E-07	0.040353
1314	490608.06	3859640.74	0.75844	1.01259	0.78848	1.22675	1.43E-03	8.9E-05	0.01712	1.4E-06	0.01864	1.75E-03	0.000109	0.021088	7.67E-07	2.29E-02	0.00154	8.37E-05	0.040158	7.92E-07	0.041782
1315	490658.06	3859640.74	0.75359	0.99509	0.80462	1.23598	1.42E-03	8.7E-05	0.01747	1.4E-06	0.01898	1.74E-03	0.000107	0.02152	7.73E-07	2.34E-02	0.00153	8.23E-05	0.04098	7.98E-07	0.042593
1316	490708.06	3859640.74	0.74958	1.00074	0.78845	1.22479	1.41E-03	8.8E-05	0.01712	1.4E-06	0.01862	1.73E-03	0.000108	0.021088	7.66E-07	2.29E-02	0.001522	8.28E-05	0.040156	7.91E-07	0.041762
1317	490758.06	3859640.74	0.74357	0.97373	0.79794	1.1785	1.40E-03	8.5E-05	0.01733	1.3E-06	0.01881	1.71E-03	0.000105	0.021341	7.37E-07	2.32E-02	0.00151	8.05E-05	0.04064	7.61E-07	0.042231
1318	490808.06	3859640.74	0.72892	0.96595	0.78569	1.15592	1.37E-03	8.5E-05	0.01706	1.3E-06	0.01852	1.68E-03	0.000104	0.021014	7.23E-07	2.28E-02	0.00148	7.99E-05	0.040016	7.47E-07	0.041576
1319	490858.06	3859640.74	0.72563	0.93598	0.77759	1.11952	1.36E-03	8.2E-05	0.01689	1.3E-06	0.01833	1.67E-03	0.000101	0.020797	7E-07	2.26E-02	0.001473	7.74E-05	0.039603	7.23E-07	0.041155
1320	490608.06	3859690.74	0.74957	1.00618	0.74172	1.22321	1.41E-03	8.8E-05	0.01611	1.4E-06	0.01761	1.73E-03	0.000108	0.019838	7.65E-07	2.17E-02	0.001522	8.32E-05	0.037776	7.9E-07	0.039382
1321	490658.06	3859690.74	0.73555	1.00021	0.76498	1.24553	1.38E-03	8.8E-05	0.01661	1.4E-06	0.01808	1.69E-03	0.000108	0.02046	7.79E-07	2.23E-02	0.001493	8.27E-05	0.038961	8.05E-07	0.040538
1322	490708.06	3859690.74	0.73051	0.98378	0.78207	1.22259	1.37E-03	8.6E-05	0.01698	1.4E-06	0.01844	1.68E-03	0.000106	0.020917	7.65E-07	2.27E-02	0.001483	8.14E-05	0.039831	7.9E-07	0.041397
1323	490758.06	3859690.74	0.72641	0.99378	0.77969	1.22798	1.37E-03	8.7E-05	0.01693	1.4E-06	0.01839	1.67E-03	0.000107	0.020853	7.68E-07	2.26E-02	0.001475	8.22E-05	0.03971	7.93E-07	0.041268
1324	490808.06	3859690.74	0.72072	0.95011	0.77194	1.18038	1.35E-03	8.3E-05	0.01676	1.3E-06	0.0182	1.66E-03	0.000102	0.020646	7.38E-07	2.24E-02	0.001463	7.86E-05	0.039315	7.62E-07	0.040858
1325	490858.06	3859690.74	0.7141	0.95285	0.76907	1.12582	1.34E-03	8.4E-05	0.0167	1.3E-06	0.01813	1.64E-03	0.000102	0.020569	7.04E-07	2.23E-02	0.00145	7.88E-05	0.039169	7.27E-07	0.040699
1326	490708.06	3859740.74	0.72155	0.98033	0.73669	1.17699	1.36E-03	8.6E-05	0.016	1.3E-06	0.01744	1.66E-03	0.000105	0.019703	7.36E-07	2.15E-02	0.001465	8.11E-05	0.03752	7.6E-07	0.039067
1327	490758.06	3859740.74	0.71023	0.96907	0.75717	1.19868	1.33E-03	8.5E-05	0.01644	1.3E-06	0.01786	1.64E-03	0.000104	0.020251	7.5E-07	2.20E-02	0.001442	8.01E-05	0.038563	7.74E-07	0.040086
1328	490808.06	3859740.74	0.70536	0.94828	0.76602	1.17098	1.33E-03	8.3E-05	0.01663	1.3E-06	0.01804	1.62E-03	0.000102	0.020488	7.32E-07	2.22E-02	0.001432	7.84E-05	0.039014	7.56E-07	0.040525
1329	490858.06	3859740.74	0.70004	0.95139	0.75044	1.16638	1.32E-03	8.3E-05	0.0163	1.3E-06	0.0177	1.61E-03	0.000102	0.020071	7.3E-07	2.18E-02	0.001421	7.87E-05	0.03822	7.53E-07	0.039721
1330	490786.56	3859749.39	0.70504	0.95898	0.75836	1.18136	1.32E-03	8.4E-05	0.01647	1.3E-06	0.01788	1.62E-03	0.000103	0.020283	7.39E-07	2.20E-02	0.001431	7.93E-05	0.038624	7.63E-07	0.040135
1331	490836.56	3859749.39	0.69993	0.94831	0.75673	1.17435	1.32E-03	8.3E-05	0.01643	1.3E-06	0.01783	1.61E-03	0.000102	0.020239	7.34E-07	2.20E-02	0.001421	7.84E-05	0.038541	7.59E-07	0.040041
1332	490786.56	3859799.39	0.70423	0.94573	0.70708	1.13678	1.32E-03	8.3E-05	0.01535	1.3E-06	0.01676	1.62E-03	0.000102	0.018911	7.11E-07	2.06E-02	0.00143	7.82E-05	0.036012	7.34E-07	0.037521
1333	490836.56	3859799.39	0.68816	0.94173	0.73429	1.12258	1.29E-03	8.3E-05	0.01595	1.3E-06	0.01732	1.58E-03	0.000101	0.019639	7.02E-07	2.13E-02	0.001397	7.79E-05	0.037398	7.25E-07	0.038874
1334	492307.84	3854508.36	0.50523	0.76569	0.6088	0.30762	9.49E-04	6.7E-05	0.01322	3.4E-07	0.01424	1.16E-03	8.23E-05	0.016283	1.92E-07	1.75E-02	0.001026	6.33E-05	0.031007	1.99E-07	0.032096
1335	486445.7	3854753.6	1.0204	2.31213	0.99008	0.34886	1.92E-03	0.0002	0.0215	3.9E-07	0.02362	2.35E-03	0.000249	0.02648	2.18E-07	2.91E-02	0.002072	0.000191	0.050425	2.25E-07	0.052689
1336	472599.75	3877830.11	0.04154	0.06706	0.04619	0.06499	7.81E-05	5.9E-06	0.001	7.3E-08	0.00109	9.57E-05	7.21E-06	0.001235	4.06E-08	1.34E-03	8.43E-05	5.55E-06	0.002352	4.2E-08	0.002442
1337	493107.48	3866840.19	0.22389	0.3056	0.25069	0.239	4.21E-04	2.7E-05	0.00544	2.7E-07	0.00589	5.16E-04	3.29E-05	0.006705	1.49E-07	7.25E-03	0.000455	2.53E-05	0.012768	1.54E-07	0.013248
1338	495815.79	3861662.87	0.30959	0.41502	0.32572	0.52528	5.82E-04	3.6E-05	0.00707	5.9E-07	0.00769	7.13E-04	4.46E-05	0.008712	3.29E-07	9.47E-03	0.000629	3.43E-05	0.016589	3.39E-07	0.017252

1339	480272.33	3841389.2	0.02547	0.02457	0.0343	0.02534	4.79E-05	2.2E-06	0.00074	2.8E-08	0.00079	5.87E-05	2.64E-06	0.000917	1.58E-08	9.79E-04	5.17E-05	2.03E-06	0.001747	1.64E-08	0.001801
1340	497005.18	3862813.64	0.22102	0.28053	0.23239	0.34898	4.15E-04	2.5E-05	0.00505	3.9E-07	0.00549	5.09E-04	3.02E-05	0.006215	2.18E-07	6.75E-03	0.000449	2.32E-05	0.011836	2.25E-07	0.012308
1341	493677.33	3860302.55	0.50228	0.68137	0.55741	0.84969	9.44E-04	6E-05	0.0121	9.5E-07	0.01311	1.16E-03	7.32E-05	0.014908	5.31E-07	1.61E-02	0.00102	5.63E-05	0.028389	5.49E-07	0.029466
1342	493727.33	3860302.55	0.49268	0.66219	0.55454	0.8427	9.26E-04	5.8E-05	0.01204	9.4E-07	0.01303	1.13E-03	7.12E-05	0.014832	5.27E-07	1.60E-02	0.001	5.48E-05	0.028243	5.44E-07	0.029299
1343	493777.33	3860302.55	0.49254	0.64493	0.55299	0.83028	9.26E-04	5.7E-05	0.01201	9.3E-07	0.01299	1.13E-03	6.93E-05	0.01479	5.19E-07	1.60E-02	0.001	5.33E-05	0.028164	5.36E-07	0.029218
1344	493827.33	3860302.55	0.49821	0.63394	0.55152	0.81726	9.36E-04	5.6E-05	0.01198	9.1E-07	0.01297	1.15E-03	6.81E-05	0.014751	5.11E-07	1.60E-02	0.001012	5.24E-05	0.028089	5.28E-07	0.029154
1345	493877.33	3860302.55	0.49528	0.64559	0.54933	0.798	9.31E-04	5.7E-05	0.01193	8.9E-07	0.01292	1.14E-03	6.94E-05	0.014692	4.99E-07	1.59E-02	0.001006	5.34E-05	0.027978	5.15E-07	0.029037
1346	493927.33	3860302.55	0.49234	0.65682	0.54485	0.78021	9.25E-04	5.8E-05	0.01183	8.7E-07	0.01282	1.13E-03	7.06E-05	0.014572	4.88E-07	1.58E-02	0.001	5.43E-05	0.02775	5.04E-07	0.028804
1347	493977.33	3860302.55	0.49315	0.67112	0.5423	0.77435	9.27E-04	5.9E-05	0.01178	8.7E-07	0.01276	1.14E-03	7.21E-05	0.014504	4.84E-07	1.57E-02	0.001001	5.55E-05	0.02762	5E-07	0.028677
1348	494027.33	3860302.55	0.4929	0.6513	0.53786	0.76697	9.26E-04	5.7E-05	0.01168	8.6E-07	0.01266	1.14E-03	7E-05	0.014385	4.8E-07	1.56E-02	0.001001	5.39E-05	0.027394	4.95E-07	0.028449
1349	493677.33	3860352.55	0.48651	0.70596	0.56242	0.84062	9.14E-04	6.2E-05	0.01221	9.4E-07	0.01319	1.12E-03	7.59E-05	0.015042	5.26E-07	1.62E-02	0.000988	5.84E-05	0.028644	5.43E-07	0.029691
1350	493727.33	3860352.55	0.48371	0.68812	0.55518	0.82999	9.09E-04	6E-05	0.01206	9.3E-07	0.01303	1.11E-03	7.4E-05	0.014849	5.19E-07	1.60E-02	0.000982	5.69E-05	0.028276	5.36E-07	0.029315
1351	493777.33	3860352.55	0.48162	0.66967	0.54437	0.82315	9.05E-04	5.9E-05	0.01182	9.2E-07	0.01279	1.11E-03	7.2E-05	0.01456	5.15E-07	1.57E-02	0.000978	5.54E-05	0.027725	5.32E-07	0.028759
1352	493827.33	3860352.55	0.48267	0.65142	0.53974	0.81281	9.07E-04	5.7E-05	0.01172	9.1E-07	0.01269	1.11E-03	7E-05	0.014436	5.08E-07	1.56E-02	0.00098	5.39E-05	0.027489	5.25E-07	0.028524
1353	493877.33	3860352.55	0.48305	0.63353	0.5384	0.81558	9.08E-04	5.6E-05	0.01169	9.1E-07	0.01266	1.11E-03	6.81E-05	0.0144	5.1E-07	1.56E-02	0.000981	5.24E-05	0.027421	5.27E-07	0.028455
1354	493927.33	3860352.55	0.48446	0.62176	0.53771	0.80547	9.10E-04	5.5E-05	0.01168	9E-07	0.01264	1.12E-03	6.68E-05	0.014381	5.04E-07	1.56E-02	0.000984	5.14E-05	0.027386	5.2E-07	0.028421
1355	493977.33	3860352.55	0.4852	0.62795	0.5374	0.78536	9.12E-04	5.5E-05	0.01167	8.8E-07	0.01264	1.12E-03	6.75E-05	0.014373	4.91E-07	1.56E-02	0.000985	5.19E-05	0.02737	5.07E-07	0.028408
1356	494027.33	3860352.55	0.48524	0.63977	0.53543	0.76682	9.12E-04	5.6E-05	0.01163	8.6E-07	0.0126	1.12E-03	6.88E-05	0.01432	4.8E-07	1.55E-02	0.000985	5.29E-05	0.02727	4.95E-07	0.028308
1357	493677.33	3860402.55	0.46737	0.72108	0.55947	0.82876	8.78E-04	6.3E-05	0.01215	9.3E-07	0.01309	1.08E-03	7.75E-05	0.014963	5.18E-07	1.61E-02	0.000949	5.96E-05	0.028494	5.35E-07	0.029503
1358	493727.33	3860402.55	0.46659	0.70648	0.55484	0.82343	8.77E-04	6.2E-05	0.01205	9.2E-07	0.01299	1.07E-03	7.59E-05	0.01484	5.15E-07	1.60E-02	0.000947	5.84E-05	0.028258	5.32E-07	0.029265
1359	493777.33	3860402.55	0.46854	0.69405	0.5514	0.81755	8.80E-04	6.1E-05	0.01197	9.1E-07	0.01292	1.08E-03	7.46E-05	0.014748	5.11E-07	1.59E-02	0.000951	5.74E-05	0.028083	5.28E-07	0.029092
1360	493827.33	3860402.55	0.46942	0.67618	0.54368	0.81185	8.82E-04	5.9E-05	0.01181	9.1E-07	0.01275	1.08E-03	7.27E-05	0.014541	5.08E-07	1.57E-02	0.000953	5.59E-05	0.02769	5.24E-07	0.028699
1361	493877.33	3860402.55	0.47123	0.65887	0.53218	0.80546	8.86E-04	5.8E-05	0.01156	9E-07	0.0125	1.09E-03	7.08E-05	0.014234	5.04E-07	1.54E-02	0.000957	5.45E-05	0.027104	5.2E-07	0.028116
1362	493927.33	3860402.55	0.47426	0.64371	0.52886	0.7982	8.91E-04	5.6E-05	0.01148	8.9E-07	0.01243	1.09E-03	6.92E-05	0.014145	4.99E-07	1.53E-02	0.000963	5.32E-05	0.026935	5.16E-07	0.027952
1363	493977.33	3860402.55	0.47574	0.6288	0.52762	0.79978	8.94E-04	5.5E-05	0.01146	8.9E-07	0.01241	1.10E-03	6.76E-05	0.014112	5E-07	1.53E-02	0.000966	5.2E-05	0.026872	5.17E-07	0.02789
1364	494027.33	3860402.55	0.47386	0.6113	0.52539	0.79252	8.90E-04	5.4E-05	0.01141	8.9E-07	0.01235	1.09E-03	6.57E-05	0.014052	4.96E-07	1.52E-02	0.000962	5.06E-05	0.026758	5.12E-07	0.027772
1365	493677.33	3860452.55	0.4556	0.71526	0.55306	0.81835	8.56E-04	6.3E-05	0.01201	9.1E-07	0.01293	1.05E-03	7.69E-05	0.014792	5.12E-07	1.59E-02	0.000925	5.92E-05	0.028168	5.29E-07	0.029152
1366	493727.33	3860452.55	0.45448	0.71139	0.54942	0.81427	8.54E-04	6.2E-05	0.01193	9.1E-07	0.01285	1.05E-03	7.65E-05	0.014695	5.09E-07	1.58E-02	0.000923	5.88E-05	0.027982	5.26E-07	0.028964
1367	493777.33	3860452.55	0.45427	0.70481	0.54644	0.80972	8.54E-04	6.2E-05	0.01187	9E-07	0.01278	1.05E-03	7.58E-05	0.014615	5.06E-07	1.57E-02	0.000922	5.83E-05	0.027831	5.23E-07	0.028812
1368	493827.33	3860452.55	0.45501	0.6938	0.54382	0.80473	8.55E-04	6.1E-05	0.01181	9E-07	0.01273	1.05E-03	7.46E-05	0.014545	5.03E-07	1.57E-02	0.000924	5.74E-05	0.027697	5.2E-07	0.028679
1369	493877.33	3860452.55	0.45827	0.68072	0.53945	0.79953	8.61E-04	6E-05	0.01171	8.9E-07	0.01264	1.06E-03	7.32E-05	0.014428	5E-07	1.56E-02	0.00093	5.63E-05	0.027474	5.16E-07	0.028462
1370	493927.33	3860452.55	0.46301	0.66893	0.53565	0.79377	8.70E-04	5.9E-05	0.01163	8.9E-07	0.01256	1.07E-03	7.19E-05	0.014326	4.96E-07	1.55E-02	0.00094	5.53E-05	0.027281	5.13E-07	0.028277
1371	493977.33	3860452.55	0.46501	0.65268	0.52339	0.7877	8.74E-04	5.7E-05	0.01137	8.8E-07	0.0123	1.07E-03	7.02E-05	0.013998	4.93E-07	1.51E-02	0.000944	5.4E-05	0.026657	5.09E-07	0.027655
1372	494027.33	3860452.55	0.46592	0.63571	0.51954	0.78128	8.76E-04	5.6E-05	0.01128	8.7E-07	0.01221	1.07E-03	6.83E-05	0.013895	4.89E-07	1.50E-02	0.000946	5.26E-05	0.02646	5.05E-07	0.02746
1373	493677.33	3860502.55	0.44712	0.69866	0.54104	0.80643	8.40E-04	6.1E-05	0.01175	9E-07	0.01265	1.03E-03	7.51E-05	0.01447	5.04E-07	1.56E-02	0.000908	5.78E-05	0.027555	5.21E-07	0.028522
1374	493727.33	3860502.55	0.44373	0.69491	0.5407	0.80282	8.34E-04	6.1E-05	0.01174	9E-07	0.01264	1.02E-03	7.47E-05	0.014461	5.02E-07	1.56E-02	0.000901	5.75E-05	0.027538	5.19E-07	0.028497
1375	493777.33	3860502.55	0.4438	0.6946	0.54035	0.79919	8.34E-04	6.1E-05	0.01173	8.9E-07	0.01263	1.02E-03	7.47E-05	0.014452	5E-07	1.55E-02	0.000901	5.74E-05	0.02752	5.16E-07	0.028479
1376	493827.33	3860502.55	0.44355	0.69366	0.53887	0.79522	8.34E-04	6.1E-05	0.0117	8.9E-07	0.0126	1.02E-03	7.46E-05	0.014412	4.97E-07	1.55E-02	0.000901	5.74E-05	0.027445	5.14E-07	0.028403
1377	493877.33	3860502.55	0.44396	0.6945	0.53755	0.7912	8.34E-04	6.1E-05	0.01167	8.8E-07	0.01257	1.02E-03	7.47E-05	0.014377	4.95E-07	1.55E-02	0.000901	5.74E-05	0.027378	5.11E-07	0.028337
1378	493927.33	3860502.55	0.44804	0.68507	0.53562	0.7865	8.42E-04	6E-05	0.01163	8.8E-07	0.01253	1.03E-03	7.36E-05	0.014326	4.92E-07	1.54E-02	0.00091	5.67E-05	0.027279	5.08E-07	0.028246
1379	493977.33	3860502.55	0.45039	0.67083	0.53003	0.78175	8.46E-04	5.9E-05	0.01151	8.7E-07	0.01242	1.04E-03	7.21E-05	0.014176	4.89E-07	1.53E-02	0.000914	5.55E-05	0.026995	5.05E-07	0.027965
1380	494027.33	3860502.55	0.45289	0.6565	0.52401	0.77663	8.51E-04	5.8E-05	0.01138	8.7E-07	0.01229	1.04E-03	7.06E-05	0.014015	4.86E-07	1.51E-02	0.00092	5.43E-05	0.026688	5.02E-07	0.027662
1381	493627.33	3860552.55	0.45627	0.68399	0.50971	0.79601	8.57E-04	6E-05	0.01107	8.9E-07	0.01199	1.05E-03	7.35E-05	0.013633	4.98E-07	1.48E-02	0.000926	5.66E-05	0.02596	5.14E-07	0.026943
1382	493677.33	3860552.55	0.44595	0.68088	0.52008	0.79283	8.38E-04	6E-05	0.01129	8.9E-07	0.01219	1.03E-03	7.32E-05	0.01391	4.96E-07	1.50E-02	0.000905	5.63E-05	0.026488	5.12E-07	0.02745
1383	493727.33	3860552.55	0.4414	0.67843	0.52551	0.79153	8.29E-04	6E-05	0.01141	8.8E-07	0.0123	1.02E-03	7.29E-05	0.014055	4.95E-07	1.51E-02	0.000896	5.61E-05	0.026765	5.11E-07	0.027717
1384	493777.33	3860552.55	0.43752	0.67803	0.52833	0.78815	8.22E-04	5.9E-05	0.01147	8.8E-07	0.01236	1.01E-03	7.29E-05	0.014131	4.93E-07	1.52E-02	0.000888	5.61E-05	0.026908	5.09E-07	0.027853
1385	493827.33	3860552.55	0.43633	0.67893	0.53082	0.78447	8.20E-04	6E-05	0.01153	8.8E-07	0.01241	1.00E-03	7.3E-05	0.014197	4.91E-07	1.53E-02	0.000886	5.61E-05	0.027035	5.07E-07	0.027978
1386	493877.33	3860552.55	0.43604	0.67738	0.53001	0.7804	8.19E-04	5.9E-05	0.01151	8.7E-07	0.01239	1.00E-03	7.28E-05	0.014175	4.88E-07	1.53E-02	0.000885	5.6E-05	0.026994	5.04E-07	0.027936
1387	493927.33	3860552.55	0.43669	0.67806	0.52974	0.77691	8.21E-04	5.9E-05	0.0115	8.7E-07	0.01238	1.01E-03	7.29E-05	0.014168	4.86E-07	1.52E-02	0.000887	5.61E-05	0.02698	5.02E-07	0.027923
1388	493977.33	3860552.55	0.43716	0.67931	0.52856	0.77325	8.22E-04	6E-05	0.01148	8.6E-07	0.01236	1.01E-03	7.3E-05	0.014137	4.84E-07	1.52E-02	0.000888	5.62E-05	0.02692	4.99E-07	0.027864
1389	494027.33	3860552.55	0.4389	0.67174	0.52427	0.769	8.25E-04	5.9E-05	0.01139	8.6E-07	0.01227	1.01E-03	7.22E-05	0.014022	4.81E-07	1.51E-02	0.000891	5.56E-05	0.026701	4.97E-07	0.027649
1390	493627.33	3860602.55	0.45432	0.64872	0.49593	0.77301	8.54E-04	5.7E-05	0.01077	8.6E-07	0.01168	1.05E-03	6.97E-05	0.013264	4.83E-07	1.44E-02	0.000922	5.36E-05	0.025258	4.99E-07	0.026235
1391	493727.33	3860602.55	0.44026	0.66114	0.49391	0.77542	8.27E-04	5.8E-05	0.01073	8.7E-07	0.01161	1.01E-03	7.11E-05	0.01321	4.85E-07	1.43E-02	0.000894	5.47E-05	0.025155	5.01E-07	0.026104
1392	493777.33	3860602.55	0.43758	0.66281	0.50844	0.77359	8.22E-04	5.8E-05	0.01104	8.6E-07	0.01192	1.01E-03	7.13E-05	0.013599	4.84E-07	1.47E-02	0.000888	5.48E-05	0.025895	5E-07	0.026839
1393	493827.33	3860602.55	0.43396	0.66195	0.51595	0.77604	8.15E-04	5.8E-05	0.0112	8.7E-07	0.01208	9.99E-04	7.12E-05	0.013799	4.85E-07	1.49E-02	0.000881	5.47E-05	0.026278	5.01E-07	0.027214
1394	493877.33	3860602.55	0.43098	0.66322	0.51984	0.77407	8.10E-04	5.8E-05	0.01129	8.6E-07	0.01216	9.92E-04	7.13E-05	0.013903	4.84E-07	1.50E-02	0.000875	5.48E-05	0.026476	5E-07	0.027406
1395	493927.33	3860602.55	0.42933	0.66309	0.52148	0.77044	8.07E-04	5.8E-05	0.01132	8.6E-07	0.01219	9.89E-04	7.13E-05	0.013947	4.82E-07	1.50E-02	0.000872	5.48E-05	0.026559	4.98E-07	0.027486
1396	493977.33	3860602.55	0.43015	0.66358	0.52213	0.7664	8.08E-04	5.8E-05	0.01134	8.6E-07	0.01221	9.91E-04	7.13E-05	0.013965	4.79E-07	1.50E-02	0.000873	5.49E-05	0.026592	4.95E-07	0.027521
1397	494027.33	3860602.55	0.42915	0.66161	0.51975	0.76125	8.06E-04	5.8E-05	0.01129	8.5E-07	0.01215	9.88E-04	7.11E-05	0.013901	4.76E-07	1.50E-02	0.000871	5.47E-05	0.026471	4.92E-07	0.027398
1398	493627.33	3860652.55	0.44275	0.62434	0.46853	0.75901	8.32E-04	5.5E-05	0.01017	8.5E-07	0.01106	1.02E-03	6.71E-05	0.012531	4.75E-07	1.36E-02	0.000899	5.16E-05	0.023863	4.9E-07	0.024814
1399	493727.33	3860652.55	0.44345	0.62923	0.4827	0.75683	8.33E-04	5.5E-05	0.01048	8.5E-07	0.01137	1.02E-03	6.76E-05	0.01291	4.73E-07	1.40E-02	0.0009	5.2E-05	0.024584	4.89E-07	0.025537

1400	493777.33	3860652.55	0.44345	0.64199	0.47958	0.75945	8.33E-04	5.6E-05	0.01041	8.5E-07	0.01131	1.02E-03	6.9E-05	0.012827	4.75E-07	1.39E-02	0.0009	5.31E-05	0.024425	4.91E-07	0.025379
1401	493827.33	3860652.55	0.43329	0.64747	0.48616	0.75767	8.14E-04	5.7E-05	0.01056	8.5E-07	0.01143	9.98E-04	6.96E-05	0.013003	4.74E-07	1.41E-02	0.00088	5.35E-05	0.02476	4.89E-07	0.025694
1402	493877.33	3860652.55	0.43134	0.64874	0.49944	0.75576	8.11E-04	5.7E-05	0.01085	8.4E-07	0.01171	9.93E-04	6.97E-05	0.013358	4.73E-07	1.44E-02	0.000876	5.36E-05	0.025437	4.88E-07	0.026367
1403	493927.33	3860652.55	0.42792	0.64818	0.50781	0.76094	8.04E-04	5.7E-05	0.01103	8.5E-07	0.01189	9.85E-04	6.97E-05	0.013582	4.76E-07	1.46E-02	0.000869	5.36E-05	0.025863	4.92E-07	0.026786
1404	493977.33	3860652.55	0.42393	0.64766	0.51062	0.76023	7.97E-04	5.7E-05	0.01109	8.5E-07	0.01194	9.76E-04	6.96E-05	0.013657	4.75E-07	1.47E-02	0.000861	5.36E-05	0.026006	4.91E-07	0.026921
1405	494027.33	3860652.55	0.42285	0.6489	0.51285	0.75699	7.95E-04	5.7E-05	0.01114	8.5E-07	0.01199	9.74E-04	6.98E-05	0.013717	4.73E-07	1.48E-02	0.000859	5.37E-05	0.02612	4.89E-07	0.027032
1406	494311.06	3858401.99	0.22966	0.33388	0.27054	0.21535	4.32E-04	2.9E-05	0.00588	2.4E-07	0.00634	5.29E-04	3.59E-05	0.007236	1.35E-07	7.80E-03	0.000466	2.76E-05	0.013779	1.39E-07	0.014273
1407	494361.06	3858401.99	0.22682	0.32678	0.26209	0.21092	4.26E-04	2.9E-05	0.00569	2.4E-07	0.00615	5.22E-04	3.51E-05	0.00701	1.32E-07	7.57E-03	0.000461	2.7E-05	0.013348	1.36E-07	0.013836
1408	494411.06	3858401.99	0.22428	0.32241	0.25707	0.20788	4.21E-04	2.8E-05	0.00558	2.3E-07	0.00603	5.16E-04	3.47E-05	0.006876	1.3E-07	7.43E-03	0.000455	2.67E-05	0.013093	1.34E-07	0.013575
1409	494461.06	3858401.99	0.22319	0.32093	0.25678	0.20632	4.19E-04	2.8E-05	0.00558	2.3E-07	0.00602	5.14E-04	3.45E-05	0.006868	1.29E-07	7.42E-03	0.000453	2.65E-05	0.013078	1.33E-07	0.013558
1410	494511.06	3858401.99	0.21986	0.31582	0.25205	0.20298	4.13E-04	2.8E-05	0.00547	2.3E-07	0.00591	5.06E-04	3.4E-05	0.006741	1.27E-07	7.28E-03	0.000446	2.61E-05	0.012837	1.31E-07	0.01331
1411	494561.06	3858401.99	0.21858	0.31387	0.25163	0.20146	4.11E-04	2.8E-05	0.00546	2.3E-07	0.0059	5.03E-04	3.37E-05	0.00673	1.26E-07	7.27E-03	0.000444	2.6E-05	0.012816	1.3E-07	0.013286
1412	494611.06	3858401.99	0.21515	0.30846	0.2467	0.19963	4.04E-04	2.7E-05	0.00536	2.2E-07	0.00579	4.95E-04	3.32E-05	0.006598	1.25E-07	7.13E-03	0.000437	2.55E-05	0.012565	1.29E-07	0.013027
1413	494661.06	3858401.99	0.21233	0.304	0.24307	0.19822	3.99E-04	2.7E-05	0.00528	2.2E-07	0.0057	4.89E-04	3.27E-05	0.006501	1.24E-07	7.02E-03	0.000431	2.51E-05	0.01238	1.28E-07	0.012836
1414	494711.06	3858401.99	0.20649	0.29681	0.23584	0.19557	3.88E-04	2.6E-05	0.00512	2.2E-07	0.00554	4.76E-04	3.19E-05	0.006308	1.22E-07	6.82E-03	0.000419	2.45E-05	0.012011	1.26E-07	0.012455
1415	494761.06	3858401.99	0.20226	0.2934	0.23279	0.19461	3.80E-04	2.6E-05	0.00506	2.2E-07	0.00546	4.66E-04	3.15E-05	0.006226	1.22E-07	6.72E-03	0.000411	2.43E-05	0.011856	1.26E-07	0.012291
1416	494811.06	3858401.99	0.19612	0.28801	0.22696	0.19272	3.69E-04	2.5E-05	0.00493	2.2E-07	0.00532	4.52E-04	3.1E-05	0.00607	1.21E-07	6.55E-03	0.000398	2.38E-05	0.011559	1.24E-07	0.011981
1417	494861.06	3858401.99	0.19062	0.28328	0.22136	0.19108	3.58E-04	2.5E-05	0.00481	2.1E-07	0.00519	4.39E-04	3.05E-05	0.00592	1.2E-07	6.39E-03	0.000387	2.34E-05	0.011274	1.23E-07	0.011685
1418	494911.06	3858401.99	0.18519	0.2778	0.21601	0.18944	3.48E-04	2.4E-05	0.00469	2.1E-07	0.00506	4.26E-04	2.99E-05	0.005777	1.18E-07	6.23E-03	0.000376	2.3E-05	0.011002	1.22E-07	0.011401
1419	494961.06	3858401.99	0.17953	0.26422	0.2104	0.18763	3.37E-04	2.3E-05	0.00457	2.1E-07	0.00493	4.13E-04	2.84E-05	0.005627	1.17E-07	6.07E-03	0.000365	2.19E-05	0.010716	1.21E-07	0.011102
1420	495011.06	3858401.99	0.17681	0.25126	0.20692	0.18506	3.32E-04	2.2E-05	0.00449	2.1E-07	0.00485	4.07E-04	2.7E-05	0.005534	1.16E-07	5.97E-03	0.000359	2.08E-05	0.010539	1.2E-07	0.010918
1421	495061.06	3858401.99	0.17497	0.2468	0.20565	0.18254	3.29E-04	2.2E-05	0.00447	2E-07	0.00482	4.03E-04	2.65E-05	0.0055	1.14E-07	5.93E-03	0.000355	2.04E-05	0.010474	1.18E-07	0.01085
1422	495111.06	3858401.99	0.17093	0.23905	0.19961	0.17838	3.21E-04	2.1E-05	0.00433	2E-07	0.00468	3.94E-04	2.57E-05	0.005339	1.12E-07	5.76E-03	0.000347	1.98E-05	0.010166	1.15E-07	0.010533
1423	495161.06	3858401.99	0.1706	0.24201	0.19819	0.17691	3.21E-04	2.1E-05	0.0043	2E-07	0.00465	3.93E-04	2.6E-05	0.005301	1.11E-07	5.72E-03	0.000346	2E-05	0.010094	1.14E-07	0.01046
1424	495211.06	3858401.99	0.16685	0.23617	0.19473	0.17322	3.14E-04	2.1E-05	0.00423	1.9E-07	0.00456	3.84E-04	2.54E-05	0.005208	1.08E-07	5.62E-03	0.000339	1.95E-05	0.009918	1.12E-07	0.010276
1425	495261.06	3858401.99	0.16528	0.229	0.19242	0.17091	3.11E-04	2E-05	0.00418	1.9E-07	0.00451	3.81E-04	2.46E-05	0.005146	1.07E-07	5.55E-03	0.000336	1.89E-05	0.0098	1.1E-07	0.010155
1426	495311.06	3858401.99	0.16353	0.22355	0.19067	0.16935	3.07E-04	2E-05	0.00414	1.9E-07	0.00447	3.77E-04	2.4E-05	0.0051	1.06E-07	5.50E-03	0.000332	1.85E-05	0.009711	1.09E-07	0.010062
1427	495361.06	3858401.99	0.16264	0.22244	0.1903	0.16835	3.06E-04	2E-05	0.00413	1.9E-07	0.00446	3.75E-04	2.39E-05	0.00509	1.05E-07	5.49E-03	0.00033	1.84E-05	0.009692	1.09E-07	0.010041
1428	495411.06	3858401.99	0.16216	0.22234	0.19058	0.16791	3.05E-04	2E-05	0.00414	1.9E-07	0.00446	3.73E-04	2.39E-05	0.005097	1.05E-07	5.49E-03	0.000329	1.84E-05	0.009706	1.08E-07	0.010054
1429	495461.06	3858401.99	0.16122	0.21822	0.1911	0.16768	3.03E-04	1.9E-05	0.00415	1.9E-07	0.00447	3.71E-04	2.35E-05	0.005111	1.05E-07	5.51E-03	0.000327	1.8E-05	0.009733	1.08E-07	0.010078
1430	495511.06	3858401.99	0.15995	0.21557	0.19138	0.16727	3.01E-04	1.9E-05	0.00416	1.9E-07	0.00448	3.68E-04	2.32E-05	0.005119	1.05E-07	5.51E-03	0.000325	1.78E-05	0.009747	1.08E-07	0.01009
1431	495561.06	3858401.99	0.15712	0.21103	0.19177	0.16663	2.95E-04	1.9E-05	0.00416	1.9E-07	0.00448	3.62E-04	2.27E-05	0.005129	1.04E-07	5.51E-03	0.000319	1.75E-05	0.009767	1.08E-07	0.010104
1432	495611.06	3858401.99	0.1562	0.2094	0.19218	0.16636	2.94E-04	1.8E-05	0.00417	1.9E-07	0.00449	3.60E-04	2.25E-05	0.00514	1.04E-07	5.52E-03	0.000317	1.73E-05	0.009788	1.07E-07	0.010122
1433	495661.06	3858401.99	0.15737	0.21293	0.19272	0.16653	2.96E-04	1.9E-05	0.00419	1.9E-07	0.0045	3.62E-04	2.29E-05	0.005154	1.04E-07	5.54E-03	0.00032	1.76E-05	0.009815	1.08E-07	0.010153
1434	494311.06	3858451.99	0.24087	0.3409	0.29108	0.2176	4.53E-04	3E-05	0.00632	2.4E-07	0.0068	5.55E-04	3.66E-05	0.007785	1.36E-07	8.38E-03	0.000489	2.82E-05	0.014825	1.41E-07	0.015342
1435	494361.06	3858451.99	0.23688	0.33662	0.28469	0.21502	4.45E-04	3E-05	0.00618	2.4E-07	0.00666	5.45E-04	3.62E-05	0.007614	1.34E-07	8.20E-03	0.000481	2.78E-05	0.014499	1.39E-07	0.015008
1436	494411.06	3858451.99	0.23365	0.3337	0.27945	0.21217	4.39E-04	2.9E-05	0.00607	2.4E-07	0.00654	5.38E-04	3.59E-05	0.007474	1.33E-07	8.05E-03	0.000474	2.76E-05	0.014233	1.37E-07	0.014735
1437	494461.06	3858451.99	0.23066	0.33132	0.27492	0.20965	4.33E-04	2.9E-05	0.00597	2.3E-07	0.00643	5.31E-04	3.56E-05	0.007353	1.31E-07	7.92E-03	0.000468	2.74E-05	0.014002	1.35E-07	0.014498
1438	494511.06	3858451.99	0.22928	0.3308	0.27261	0.20836	4.31E-04	2.9E-05	0.00592	2.3E-07	0.00638	5.28E-04	3.56E-05	0.007291	1.3E-07	7.85E-03	0.000466	2.74E-05	0.013884	1.35E-07	0.014377
1439	494561.06	3858451.99	0.22461	0.32643	0.26708	0.20685	4.22E-04	2.9E-05	0.0058	2.3E-07	0.00625	5.17E-04	3.51E-05	0.007143	1.29E-07	7.70E-03	0.000456	2.7E-05	0.013603	1.34E-07	0.014086
1440	494611.06	3858451.99	0.223	0.32359	0.26402	0.2053	4.19E-04	2.8E-05	0.00573	2.3E-07	0.00618	5.14E-04	3.48E-05	0.007061	1.28E-07	7.61E-03	0.000453	2.68E-05	0.013447	1.33E-07	0.013926
1441	494661.06	3858451.99	0.22063	0.32017	0.26034	0.20232	4.15E-04	2.8E-05	0.00565	2.3E-07	0.0061	5.08E-04	3.44E-05	0.006963	1.27E-07	7.51E-03	0.000448	2.65E-05	0.013259	1.31E-07	0.013734
1442	494711.06	3858451.99	0.21682	0.31501	0.25328	0.19867	4.07E-04	2.8E-05	0.0055	2.2E-07	0.00594	4.99E-04	3.39E-05	0.006774	1.24E-07	7.31E-03	0.00044	2.61E-05	0.0129	1.28E-07	0.013366
1443	494761.06	3858451.99	0.21292	0.30964	0.24844	0.19504	4.00E-04	2.7E-05	0.0054	2.2E-07	0.00582	4.90E-04	3.33E-05	0.006645	1.22E-07	7.17E-03	0.000432	2.56E-05	0.012653	1.26E-07	0.013111
1444	494811.06	3858451.99	0.20989	0.30556	0.24431	0.19216	3.94E-04	2.7E-05	0.00531	2.1E-07	0.00573	4.83E-04	3.28E-05	0.006534	1.2E-07	7.05E-03	0.000426	2.53E-05	0.012443	1.24E-07	0.012894
1445	494861.06	3858451.99	0.20636	0.30065	0.23871	0.18901	3.88E-04	2.6E-05	0.00518	2.1E-07	0.0056	4.75E-04	3.23E-05	0.006384	1.18E-07	6.89E-03	0.000419	2.49E-05	0.012158	1.22E-07	0.012602
1446	494911.06	3858451.99	0.19932	0.29376	0.23087	0.18686	3.75E-04	2.6E-05	0.00501	2.1E-07	0.00541	4.59E-04	3.16E-05	0.006175	1.17E-07	6.67E-03	0.000405	2.43E-05	0.011758	1.21E-07	0.012187
1447	494961.06	3858451.99	0.19247	0.28879	0.22493	0.18426	3.62E-04	2.5E-05	0.00488	2.1E-07	0.00527	4.43E-04	3.1E-05	0.006016	1.15E-07	6.49E-03	0.000391	2.39E-05	0.011456	1.19E-07	0.011871
1448	495011.06	3858451.99	0.1849	0.2823	0.21695	0.18186	3.47E-04	2.5E-05	0.00471	2E-07	0.00508	4.26E-04	3.03E-05	0.005802	1.14E-07	6.26E-03	0.000375	2.33E-05	0.011049	1.17E-07	0.011448
1449	495061.06	3858451.99	0.18102	0.27535	0.21342	0.18082	3.40E-04	2.4E-05	0.00463	2E-07	0.005	4.17E-04	2.96E-05	0.005708	1.13E-07	6.15E-03	0.000368	2.28E-05	0.01087	1.17E-07	0.01126
1450	495111.06	3858451.99	0.17479	0.25894	0.20585	0.17851	3.28E-04	2.3E-05	0.00447	2E-07	0.00482	4.03E-04	2.78E-05	0.005506	1.12E-07	5.94E-03	0.000355	2.14E-05	0.010484	1.15E-07	0.01086
1451	495161.06	3858451.99	0.1718	0.24125	0.20091	0.17591	3.23E-04	2.1E-05	0.00436	2E-07	0.00471	3.96E-04	2.59E-05	0.005373	1.1E-07	5.80E-03	0.000349	2E-05	0.010232	1.14E-07	0.010601
1452	495211.06	3858451.99	0.16906	0.22792	0.19674	0.17359	3.18E-04	2E-05	0.00427	1.9E-07	0.00461	3.89E-04	2.45E-05	0.005262	1.09E-07	5.68E-03	0.000343	1.88E-05	0.01002	1.12E-07	0.010382
1453	495261.06	3858451.99	0.16714	0.22766	0.19387	0.17216	3.14E-04	2E-05	0.00421	1.9E-07	0.00454	3.85E-04	2.45E-05	0.005185	1.08E-07	5.59E-03	0.000339	1.88E-05	0.009874	1.11E-07	0.010232
1454	495311.06	3858451.99	0.16548	0.2284	0.19322	0.17103	3.11E-04	2E-05	0.0042	1.9E-07	0.00453	3.81E-04	2.46E-05	0.005168	1.07E-07	5.57E-03	0.000336	1.89E-05	0.009841	1.1E-07	0.010196
1455	495361.06	3858451.99	0.16417	0.22925	0.1921	0.17011	3.09E-04	2E-05	0.00417	1.9E-07	0.0045	3.78E-04	2.46E-05	0.005138	1.06E-07	5.54E-03	0.000333	1.9E-05	0.009784	1.1E-07	0.010136
1456	495411.06	3858451.99	0.16437	0.22935	0.19078	0.1698	3.09E-04	2E-05	0.00414	1.9E-07	0.00447	3.79E-04	2.47E-05	0.005103	1.06E-07	5.51E-03	0.000334	1.9E-05	0.009717	1.1E-07	0.010069
1457	495461.06	3858451.99	0.16477	0.22578	0.19121	0.16962	3.10E-04	2E-05	0.00415	1.9E-07	0.00448	3.79E-04	2.43E-05	0.005114	1.06E-07	5.52E-03	0.000335	1.87E-05	0.009738	1.1E-07	0.010092
1458	495511.06	3858451.99	0.16367	0.22325	0.18876	0.16849	3.08E-04	2E-05	0.0041	1.9E-07	0.00443	3.77E-04	2.4E-05	0.005049	1.05E-07	5.45E-03	0.000332	1.85E-05	0.009614	1.09E-07	0.009965
1459	495561.06	3858451.99	0.16492	0.22643	0.19184	0.16874	3.10E-04	2E-05	0.00417	1.9E-07	0.0045	3.80E-04	2.43E-05	0.005131	1.06E-07	5.54E-03	0.000335	1.87E-05	0.009771	1.09E-07	0.010124
1460	495611.06	3858451.99	0.1628	0.22202	0.18845	0.16703	3.06E-04	1.9E-05	0.00409	1.9E-07	0.00442	3.75E-04	2.39E-05	0.00504	1.04E-07	5.44E-03	0.000331	1.84E-05	0.009598	1.08E-07	0.009947

1461	495661.06	3858451.99	0.16222	0.22299	0.18989	0.16722	3.05E-04	2E-05	0.00412	1.9E-07	0.00445	3.74E-04	2.4E-05	0.005079	1.05E-07	5.48E-03	0.000329	1.84E-05	0.009671	1.08E-07	0.010019
1462	494311.06	3858501.99	0.24568	0.34132	0.297	0.21557	4.62E-04	3E-05	0.00645	2.4E-07	0.00694	5.66E-04	3.67E-05	0.007943	1.35E-07	8.55E-03	0.000499	2.82E-05	0.015126	1.39E-07	0.015654
1463	494361.06	3858501.99	0.24198	0.33611	0.29566	0.21435	4.55E-04	2.9E-05	0.00642	2.4E-07	0.00691	5.57E-04	3.61E-05	0.007908	1.34E-07	8.50E-03	0.000491	2.78E-05	0.015058	1.38E-07	0.015577
1464	494411.06	3858501.99	0.23892	0.33759	0.29344	0.21267	4.49E-04	3E-05	0.00637	2.4E-07	0.00685	5.50E-04	3.63E-05	0.007848	1.33E-07	8.43E-03	0.000485	2.79E-05	0.014945	1.37E-07	0.015458
1465	494461.06	3858501.99	0.23722	0.34087	0.29137	0.21086	4.46E-04	3E-05	0.00633	2.4E-07	0.0068	5.46E-04	3.66E-05	0.007793	1.32E-07	8.38E-03	0.000482	2.82E-05	0.01484	1.36E-07	0.01535
1466	494511.06	3858501.99	0.2331	0.33385	0.28447	0.20787	4.38E-04	2.9E-05	0.00618	2.3E-07	0.00665	5.37E-04	3.59E-05	0.007608	1.3E-07	8.18E-03	0.000473	2.76E-05	0.014488	1.34E-07	0.014989
1467	494561.06	3858501.99	0.23399	0.33268	0.28671	0.20728	4.40E-04	2.9E-05	0.00623	2.3E-07	0.0067	5.39E-04	3.58E-05	0.007668	1.3E-07	8.24E-03	0.000475	2.75E-05	0.014602	1.34E-07	0.015105
1468	494611.06	3858501.99	0.23061	0.32642	0.2807	0.20461	4.33E-04	2.9E-05	0.0061	2.3E-07	0.00656	5.31E-04	3.51E-05	0.007508	1.28E-07	8.07E-03	0.000468	2.7E-05	0.014296	1.32E-07	0.014792
1469	494661.06	3858501.99	0.22863	0.3259	0.27709	0.20264	4.30E-04	2.9E-05	0.00602	2.3E-07	0.00648	5.26E-04	3.5E-05	0.007411	1.27E-07	7.97E-03	0.000464	2.7E-05	0.014112	1.31E-07	0.014604
1470	494711.06	3858501.99	0.22468	0.32208	0.27044	0.20005	4.22E-04	2.8E-05	0.00587	2.2E-07	0.00632	5.17E-04	3.46E-05	0.007233	1.25E-07	7.79E-03	0.000456	2.66E-05	0.013774	1.29E-07	0.014257
1471	494761.06	3858501.99	0.21979	0.31687	0.263	0.19807	4.13E-04	2.8E-05	0.00571	2.2E-07	0.00615	5.06E-04	3.41E-05	0.007034	1.24E-07	7.57E-03	0.000446	2.62E-05	0.013395	1.28E-07	0.013867
1472	494811.06	3858501.99	0.21599	0.31216	0.25639	0.19629	4.06E-04	2.7E-05	0.00557	2.2E-07	0.006	4.97E-04	3.36E-05	0.006857	1.23E-07	7.39E-03	0.000439	2.58E-05	0.013058	1.27E-07	0.013523
1473	494861.06	3858501.99	0.21327	0.30966	0.25285	0.19529	4.01E-04	2.7E-05	0.00549	2.2E-07	0.00592	4.91E-04	3.33E-05	0.006763	1.22E-07	7.29E-03	0.000433	2.56E-05	0.012878	1.26E-07	0.013337
1474	494911.06	3858501.99	0.20735	0.30172	0.24129	0.19077	3.90E-04	2.6E-05	0.00524	2.1E-07	0.00566	4.77E-04	3.24E-05	0.006453	1.19E-07	6.96E-03	0.000421	2.5E-05	0.012289	1.23E-07	0.012735
1475	494961.06	3858501.99	0.20457	0.29888	0.23877	0.18809	3.84E-04	2.6E-05	0.00519	2.1E-07	0.0056	4.71E-04	3.21E-05	0.006386	1.18E-07	6.89E-03	0.000415	2.47E-05	0.012161	1.22E-07	0.012601
1476	495011.06	3858501.99	0.19894	0.29224	0.23039	0.18416	3.74E-04	2.6E-05	0.005	2.1E-07	0.0054	4.58E-04	3.14E-05	0.006162	1.15E-07	6.65E-03	0.000404	2.42E-05	0.011734	1.19E-07	0.012162
1477	495061.06	3858501.99	0.19503	0.29066	0.22832	0.18303	3.67E-04	2.5E-05	0.00496	2E-07	0.00535	4.49E-04	3.12E-05	0.006107	1.14E-07	6.59E-03	0.000396	2.4E-05	0.011628	1.18E-07	0.012049
1478	495111.06	3858501.99	0.18448	0.28161	0.21755	0.17957	3.47E-04	2.5E-05	0.00472	2E-07	0.0051	4.25E-04	3.03E-05	0.005819	1.12E-07	6.27E-03	0.000375	2.33E-05	0.01108	1.16E-07	0.011478
1479	495161.06	3858501.99	0.17768	0.27426	0.21103	0.1774	3.34E-04	2.4E-05	0.00458	2E-07	0.00494	4.09E-04	2.95E-05	0.005644	1.11E-07	6.08E-03	0.000361	2.27E-05	0.010748	1.15E-07	0.011131
1480	495211.06	3858501.99	0.17161	0.25973	0.20439	0.1753	3.22E-04	2.3E-05	0.00444	2E-07	0.00478	3.95E-04	2.79E-05	0.005467	1.1E-07	5.89E-03	0.000348	2.15E-05	0.01041	1.13E-07	0.01078
1481	495261.06	3858501.99	0.1696	0.24865	0.19953	0.17387	3.19E-04	2.2E-05	0.00433	1.9E-07	0.00467	3.91E-04	2.67E-05	0.005337	1.09E-07	5.75E-03	0.000344	2.06E-05	0.010162	1.12E-07	0.010527
1482	495311.06	3858501.99	0.16833	0.24079	0.19729	0.17311	3.16E-04	2.1E-05	0.00428	1.9E-07	0.00462	3.88E-04	2.59E-05	0.005277	1.08E-07	5.69E-03	0.000342	1.99E-05	0.010048	1.12E-07	0.01041
1483	495361.06	3858501.99	0.16712	0.23307	0.19578	0.1724	3.14E-04	2E-05	0.00425	1.9E-07	0.00459	3.85E-04	2.51E-05	0.005236	1.08E-07	5.65E-03	0.000339	1.93E-05	0.009971	1.11E-07	0.01033
1484	495411.06	3858501.99	0.16633	0.22664	0.19449	0.17198	3.13E-04	2E-05	0.00422	1.9E-07	0.00456	3.83E-04	2.44E-05	0.005202	1.08E-07	5.61E-03	0.000338	1.87E-05	0.009905	1.11E-07	0.010262
1485	495461.06	3858501.99	0.16632	0.22978	0.19319	0.1716	3.13E-04	2E-05	0.0042	1.9E-07	0.00453	3.83E-04	2.47E-05	0.005167	1.07E-07	5.57E-03	0.000338	1.9E-05	0.009839	1.11E-07	0.010196
1486	495511.06	3858501.99	0.16599	0.23178	0.19164	0.17093	3.12E-04	2E-05	0.00416	1.9E-07	0.00449	3.82E-04	2.49E-05	0.005126	1.07E-07	5.53E-03	0.000337	1.92E-05	0.00976	1.1E-07	0.010117
1487	495561.06	3858501.99	0.16715	0.23649	0.19178	0.17121	3.14E-04	2.1E-05	0.00416	1.9E-07	0.0045	3.85E-04	2.54E-05	0.005129	1.07E-07	5.54E-03	0.000339	1.96E-05	0.009767	1.11E-07	0.010127
1488	495611.06	3858501.99	0.1664	0.22996	0.19125	0.17088	3.13E-04	2E-05	0.00415	1.9E-07	0.00449	3.83E-04	2.47E-05	0.005115	1.07E-07	5.52E-03	0.000338	1.9E-05	0.00974	1.1E-07	0.010097
1489	495661.06	3858501.99	0.16665	0.23428	0.1912	0.17002	3.13E-04	2.1E-05	0.00415	1.9E-07	0.00449	3.84E-04	2.52E-05	0.005114	1.06E-07	5.52E-03	0.000338	1.94E-05	0.009738	1.1E-07	0.010096
1490	494311.06	3858551.99	0.24491	0.32936	0.29226	0.21416	4.60E-04	2.9E-05	0.00635	2.4E-07	0.00684	5.64E-04	3.54E-05	0.007817	1.34E-07	8.42E-03	0.000497	2.72E-05	0.014885	1.38E-07	0.01541
1491	494361.06	3858551.99	0.24852	0.33908	0.294	0.21419	4.67E-04	3E-05	0.00638	2.4E-07	0.00688	5.72E-04	3.65E-05	0.007863	1.34E-07	8.47E-03	0.000505	2.8E-05	0.014974	1.38E-07	0.015506
1492	494411.06	3858551.99	0.25378	0.35242	0.29395	0.21341	4.77E-04	3.1E-05	0.00638	2.4E-07	0.00689	5.84E-04	3.79E-05	0.007862	1.33E-07	8.48E-03	0.000515	2.91E-05	0.014971	1.38E-07	0.015516
1493	494461.06	3858551.99	0.25493	0.34709	0.29604	0.21382	4.79E-04	3E-05	0.00643	2.4E-07	0.00694	5.87E-04	3.73E-05	0.007918	1.34E-07	8.54E-03	0.000518	2.87E-05	0.015077	1.38E-07	0.015624
1494	494511.06	3858551.99	0.25194	0.34317	0.29528	0.21199	4.73E-04	3E-05	0.00641	2.4E-07	0.00692	5.80E-04	3.69E-05	0.007897	1.33E-07	8.51E-03	0.000512	2.84E-05	0.015039	1.37E-07	0.015579
1495	494561.06	3858551.99	0.24985	0.34016	0.29536	0.21023	4.70E-04	3E-05	0.00641	2.3E-07	0.00691	5.75E-04	3.66E-05	0.0079	1.31E-07	8.51E-03	0.000507	2.81E-05	0.015043	1.36E-07	0.015578
1496	494611.06	3858551.99	0.24507	0.33449	0.29306	0.20798	4.61E-04	2.9E-05	0.00636	2.3E-07	0.00685	5.64E-04	3.6E-05	0.007838	1.3E-07	8.44E-03	0.000498	2.77E-05	0.014926	1.34E-07	0.015451
1497	494661.06	3858551.99	0.24098	0.32955	0.2914	0.20591	4.53E-04	2.9E-05	0.00633	2.3E-07	0.00681	5.55E-04	3.54E-05	0.007794	1.29E-07	8.38E-03	0.000489	2.73E-05	0.014841	1.33E-07	0.015358
1498	494711.06	3858551.99	0.2343	0.32995	0.28674	0.2028	4.40E-04	2.9E-05	0.00623	2.3E-07	0.0067	5.40E-04	3.55E-05	0.007669	1.27E-07	8.24E-03	0.000476	2.73E-05	0.014604	1.31E-07	0.015107
1499	494761.06	3858551.99	0.22907	0.32569	0.28173	0.20016	4.30E-04	2.9E-05	0.00612	2.2E-07	0.00658	5.28E-04	3.5E-05	0.007535	1.25E-07	8.10E-03	0.000465	2.69E-05	0.014349	1.29E-07	0.014841
1500	494811.06	3858551.99	0.22553	0.3165	0.27541	0.19811	4.24E-04	2.8E-05	0.00598	2.2E-07	0.00643	5.19E-04	3.4E-05	0.007366	1.24E-07	7.92E-03	0.000458	2.62E-05	0.014027	1.28E-07	0.014511
1501	494861.06	3858551.99	0.22017	0.30892	0.26684	0.19548	4.14E-04	2.7E-05	0.00579	2.2E-07	0.00624	5.07E-04	3.32E-05	0.007137	1.22E-07	7.68E-03	0.000447	2.55E-05	0.01359	1.26E-07	0.014063
1502	494911.06	3858551.99	0.21485	0.30363	0.25709	0.19248	4.04E-04	2.7E-05	0.00558	2.2E-07	0.00601	4.95E-04	3.26E-05	0.006876	1.2E-07	7.40E-03	0.000436	2.51E-05	0.013094	1.24E-07	0.013555
1503	494961.06	3858551.99	0.2109	0.3001	0.2509	0.19013	3.96E-04	2.6E-05	0.00545	2.1E-07	0.00587	4.86E-04	3.23E-05	0.00671	1.19E-07	7.23E-03	0.000428	2.48E-05	0.012778	1.23E-07	0.013232
1504	495011.06	3858551.99	0.20564	0.29425	0.24188	0.18712	3.86E-04	2.6E-05	0.00525	2.1E-07	0.00567	4.74E-04	3.16E-05	0.006469	1.17E-07	6.97E-03	0.000418	2.43E-05	0.012319	1.21E-07	0.012761
1505	495061.06	3858551.99	0.20222	0.29202	0.23771	0.18534	3.80E-04	2.6E-05	0.00516	2.1E-07	0.00557	4.66E-04	3.14E-05	0.006358	1.16E-07	6.85E-03	0.000411	2.41E-05	0.012107	1.2E-07	0.012542
1506	495111.06	3858551.99	0.1957	0.28408	0.22658	0.1818	3.68E-04	2.5E-05	0.00492	2E-07	0.00531	4.51E-04	3.05E-05	0.00606	1.14E-07	6.54E-03	0.000397	2.35E-05	0.01154	1.17E-07	0.011961
1507	495161.06	3858551.99	0.19029	0.27995	0.22048	0.17996	3.58E-04	2.5E-05	0.00479	2E-07	0.00517	4.38E-04	3.01E-05	0.005897	1.13E-07	6.37E-03	0.000386	2.32E-05	0.011229	1.16E-07	0.011639
1508	495211.06	3858551.99	0.18413	0.27655	0.21636	0.17831	3.46E-04	2.4E-05	0.0047	2E-07	0.00507	4.24E-04	2.97E-05	0.005787	1.12E-07	6.24E-03	0.000374	2.29E-05	0.011019	1.15E-07	0.011416
1509	495261.06	3858551.99	0.1797	0.27493	0.21385	0.17703	3.38E-04	2.4E-05	0.00464	2E-07	0.00501	4.14E-04	2.96E-05	0.00572	1.11E-07	6.16E-03	0.000365	2.27E-05	0.010892	1.14E-07	0.011279
1510	495311.06	3858551.99	0.17788	0.27489	0.21267	0.17626	3.34E-04	2.4E-05	0.00462	2E-07	0.00498	4.10E-04	2.96E-05	0.005688	1.1E-07	6.13E-03	0.000361	2.27E-05	0.010831	1.14E-07	0.011215
1511	495361.06	3858551.99	0.17666	0.26886	0.21075	0.17534	3.32E-04	2.4E-05	0.00458	2E-07	0.00493	4.07E-04	2.89E-05	0.005637	1.1E-07	6.07E-03	0.000359	2.22E-05	0.010734	1.13E-07	0.011115
1512	495411.06	3858551.99	0.17662	0.26396	0.21089	0.17473	3.32E-04	2.3E-05	0.00458	2E-07	0.00493	4.07E-04	2.84E-05	0.00564	1.09E-07	6.08E-03	0.000359	2.18E-05	0.010741	1.13E-07	0.011121
1513	495461.06	3858551.99	0.1756	0.25717	0.20961	0.17412	3.30E-04	2.3E-05	0.00455	1.9E-07	0.0049	4.04E-04	2.76E-05	0.005606	1.09E-07	6.04E-03	0.000357	2.13E-05	0.010676	1.12E-07	0.011053
1514	495511.06	3858551.99	0.17544	0.25198	0.20993	0.17394	3.30E-04	2.2E-05	0.00456	1.9E-07	0.00491	4.04E-04	2.71E-05	0.005615	1.09E-07	6.05E-03	0.000356	2.08E-05	0.010692	1.12E-07	0.011069
1515	495561.06	3858551.99	0.17412	0.24476	0.20855	0.1734	3.27E-04	2.1E-05	0.00453	1.9E-07	0.00488	4.01E-04	2.63E-05	0.005578	1.08E-07	6.01E-03	0.000354	2.02E-05	0.010622	1.12E-07	0.010995
1516	495611.06	3858551.99	0.17216	0.23655	0.20631	0.17269	3.24E-04	2.1E-05	0.00448	1.9E-07	0.00482	3.96E-04	2.54E-05	0.005518	1.08E-07	5.94E-03	0.00035	1.96E-05	0.010507	1.12E-07	0.010877
1517	495661.06	3858551.99	0.16979	0.23638	0.20351	0.17186	3.19E-04	2.1E-05	0.00442	1.9E-07	0.00476	3.91E-04	2.54E-05	0.005443	1.07E-07	5.86E-03	0.000345	1.95E-05	0.010365	1.11E-07	0.010729
1518	494311.06	3858601.99	0.23031	0.2963	0.27183	0.20799	4.33E-04	2.6E-05	0.0059	2.3E-07	0.00636	5.30E-04	3.19E-05	0.00727	1.3E-07	7.83E-03	0.000468	2.45E-05	0.013844	1.34E-07	0.014337
1519	494361.06	3858601.99	0.25063	0.32586	0.30777	0.21548	4.71E-04	2.9E-05	0.00668	2.4E-07	0.00718	5.77E-04	3.5E-05	0.008232	1.35E-07	8.84E-03	0.000509	2.69E-05	0.015675	1.39E-07	0.016211
1520	494411.06	3858601.99	0.27731	0.34933	0.32949	0.21873	5.21E-04	3.1E-05	0.00716	2.4E-07	0.00771	6.39E-04	3.76E-05	0.008812	1.37E-07	9.49E-03	0.000563	2.89E-05	0.016781	1.41E-07	0.017373
1521	494461.06	3858601.99	0.27778	0.35516	0.32796	0.21737	5.22E-04	3.1E-05	0.00712	2.4E-07	0.00768	6.40E-04	3.82E-05	0.008772	1.36E-07	9.45E-03	0.000564	2.94E-05	0.016703	1.4E-07	0.017297

1522	494511.06	3858601.99	0.27103	0.355	0.31645	0.21526	5.09E-04	3.1E-05	0.00687	2.4E-07	0.00741	6.24E-04	3.82E-05	0.008464	1.35E-07	9.13E-03	0.00055	2.94E-05	0.016117	1.39E-07	0.016697
1523	494561.06	3858601.99	0.27532	0.36806	0.3202	0.21394	5.17E-04	3.2E-05	0.00695	2.4E-07	0.0075	6.34E-04	3.96E-05	0.008564	1.34E-07	9.24E-03	0.000559	3.04E-05	0.016308	1.38E-07	0.016898
1524	494611.06	3858601.99	0.26915	0.36287	0.30915	0.21163	5.06E-04	3.2E-05	0.00671	2.4E-07	0.00725	6.20E-04	3.9E-05	0.008268	1.32E-07	8.93E-03	0.000546	3E-05	0.015745	1.37E-07	0.016322
1525	494661.06	3858601.99	0.26441	0.35324	0.30253	0.20994	4.97E-04	3.1E-05	0.00657	2.3E-07	0.0071	6.09E-04	3.8E-05	0.008091	1.31E-07	8.74E-03	0.000537	2.92E-05	0.015408	1.36E-07	0.015974
1526	494711.06	3858601.99	0.25538	0.33857	0.29693	0.20737	4.80E-04	3E-05	0.00645	2.3E-07	0.00696	5.88E-04	3.64E-05	0.007942	1.3E-07	8.57E-03	0.000519	2.8E-05	0.015123	1.34E-07	0.015669
1527	494761.06	3858601.99	0.24633	0.33278	0.29116	0.20481	4.63E-04	2.9E-05	0.00632	2.3E-07	0.00682	5.67E-04	3.58E-05	0.007787	1.28E-07	8.39E-03	0.0005	2.75E-05	0.014829	1.32E-07	0.015357
1528	494811.06	3858601.99	0.2332	0.31903	0.28148	0.20107	4.38E-04	2.8E-05	0.00611	2.2E-07	0.00658	5.37E-04	3.43E-05	0.007528	1.26E-07	8.10E-03	0.000473	2.64E-05	0.014336	1.3E-07	0.014836
1529	494861.06	3858601.99	0.22982	0.31016	0.27963	0.19904	4.32E-04	2.7E-05	0.00607	2.2E-07	0.00653	5.29E-04	3.33E-05	0.007479	1.24E-07	8.04E-03	0.000467	2.56E-05	0.014242	1.29E-07	0.014734
1530	494911.06	3858601.99	0.22206	0.30695	0.27336	0.19557	4.17E-04	2.7E-05	0.00594	2.2E-07	0.00638	5.11E-04	3.3E-05	0.007311	1.22E-07	7.86E-03	0.000451	2.54E-05	0.013922	1.26E-07	0.014399
1531	494961.06	3858601.99	0.2173	0.30788	0.26558	0.19314	4.08E-04	2.7E-05	0.00577	2.2E-07	0.0062	5.00E-04	3.31E-05	0.007103	1.21E-07	7.64E-03	0.000441	2.55E-05	0.013526	1.25E-07	0.013993
1532	495011.06	3858601.99	0.21218	0.29699	0.25734	0.1906	3.99E-04	2.6E-05	0.00559	2.1E-07	0.00601	4.89E-04	3.19E-05	0.006883	1.19E-07	7.40E-03	0.000431	2.46E-05	0.013106	1.23E-07	0.013562
1533	495061.06	3858601.99	0.2074	0.28531	0.24862	0.18797	3.90E-04	2.5E-05	0.0054	2.1E-07	0.00581	4.78E-04	3.07E-05	0.00665	1.18E-07	7.16E-03	0.000421	2.36E-05	0.012662	1.21E-07	0.013107
1534	495111.06	3858601.99	0.20058	0.27686	0.23551	0.18472	3.77E-04	2.4E-05	0.00511	2.1E-07	0.00552	4.62E-04	2.98E-05	0.006299	1.16E-07	6.79E-03	0.000407	2.29E-05	0.011995	1.19E-07	0.012425
1535	495161.06	3858601.99	0.19526	0.27487	0.22898	0.1829	3.67E-04	2.4E-05	0.00497	2E-07	0.00536	4.50E-04	2.95E-05	0.006124	1.14E-07	6.60E-03	0.000396	2.27E-05	0.011662	1.18E-07	0.012081
1536	495211.06	3858601.99	0.19186	0.27493	0.2269	0.18079	3.61E-04	2.4E-05	0.00493	2E-07	0.00531	4.42E-04	2.96E-05	0.006069	1.13E-07	6.54E-03	0.00039	2.27E-05	0.011556	1.17E-07	0.011969
1537	495261.06	3858601.99	0.19086	0.27419	0.22291	0.17931	3.59E-04	2.4E-05	0.00484	2E-07	0.00522	4.40E-04	2.95E-05	0.005962	1.12E-07	6.43E-03	0.000388	2.27E-05	0.011353	1.16E-07	0.011763
1538	495311.06	3858601.99	0.19053	0.27457	0.2208	0.17824	3.58E-04	2.4E-05	0.00479	2E-07	0.00518	4.39E-04	2.95E-05	0.005905	1.11E-07	6.37E-03	0.000387	2.27E-05	0.011245	1.15E-07	0.011655
1539	495361.06	3858601.99	0.18836	0.27632	0.22114	0.17769	3.54E-04	2.4E-05	0.0048	2E-07	0.00518	4.34E-04	2.97E-05	0.005915	1.11E-07	6.38E-03	0.000382	2.29E-05	0.011263	1.15E-07	0.011668
1540	495411.06	3858601.99	0.18665	0.27796	0.22142	0.17715	3.51E-04	2.4E-05	0.00481	2E-07	0.00518	4.30E-04	2.99E-05	0.005922	1.11E-07	6.38E-03	0.000379	2.3E-05	0.011277	1.14E-07	0.011679
1541	495461.06	3858601.99	0.18654	0.27986	0.22	0.17675	3.51E-04	2.5E-05	0.00478	2E-07	0.00515	4.30E-04	3.01E-05	0.005884	1.11E-07	6.34E-03	0.000379	2.31E-05	0.011205	1.14E-07	0.011607
1542	495511.06	3858601.99	0.18438	0.27755	0.216	0.1757	3.46E-04	2.4E-05	0.00469	2E-07	0.00506	4.25E-04	2.98E-05	0.005777	1.1E-07	6.23E-03	0.000374	2.3E-05	0.011001	1.13E-07	0.011398
1543	495561.06	3858601.99	0.18483	0.27566	0.2152	0.17563	3.47E-04	2.4E-05	0.00467	2E-07	0.00504	4.26E-04	2.96E-05	0.005756	1.1E-07	6.21E-03	0.000375	2.28E-05	0.01096	1.13E-07	0.011358
1544	495611.06	3858601.99	0.1818	0.26871	0.21312	0.17439	3.42E-04	2.4E-05	0.00463	1.9E-07	0.00499	4.19E-04	2.89E-05	0.0057	1.09E-07	6.15E-03	0.000369	2.22E-05	0.010854	1.13E-07	0.011246
1545	495661.06	3858601.99	0.18143	0.26232	0.21301	0.17415	3.41E-04	2.3E-05	0.00463	1.9E-07	0.00499	4.18E-04	2.82E-05	0.005697	1.09E-07	6.14E-03	0.000368	2.17E-05	0.010849	1.12E-07	0.011239
1546	494311.06	3858651.99	0.23157	0.27979	0.27711	0.20726	4.35E-04	2.5E-05	0.00602	2.3E-07	0.00648	5.33E-04	3.01E-05	0.007411	1.3E-07	7.97E-03	0.00047	2.31E-05	0.014113	1.34E-07	0.014607
1547	494361.06	3858651.99	0.24768	0.31201	0.30976	0.2145	4.65E-04	2.7E-05	0.00673	2.4E-07	0.00722	5.70E-04	3.35E-05	0.008285	1.34E-07	8.89E-03	0.000503	2.58E-05	0.015776	1.39E-07	0.016305
1548	494411.06	3858651.99	0.28817	0.34547	0.35275	0.22306	5.42E-04	3E-05	0.00766	2.5E-07	0.00823	6.64E-04	3.71E-05	0.009435	1.4E-07	1.01E-02	0.000585	2.86E-05	0.017966	1.44E-07	0.01858
1549	494461.06	3858651.99	0.29102	0.35666	0.35934	0.22415	5.47E-04	3.1E-05	0.0078	2.5E-07	0.00838	6.70E-04	3.83E-05	0.009611	1.4E-07	1.03E-02	0.000591	2.95E-05	0.018301	1.45E-07	0.018922
1550	494511.06	3858651.99	0.28851	0.35891	0.35402	0.22172	5.42E-04	3.1E-05	0.00769	2.5E-07	0.00826	6.64E-04	3.86E-05	0.009469	1.39E-07	1.02E-02	0.000586	2.97E-05	0.01803	1.43E-07	0.018646
1551	494561.06	3858651.99	0.28798	0.36001	0.3485	0.2202	5.41E-04	3.2E-05	0.00757	2.5E-07	0.00814	6.63E-04	3.87E-05	0.009321	1.38E-07	1.00E-02	0.000585	2.98E-05	0.017749	1.42E-07	0.018364
1552	494611.06	3858651.99	0.28569	0.36198	0.34551	0.21778	5.37E-04	3.2E-05	0.0075	2.4E-07	0.00807	6.58E-04	3.89E-05	0.009241	1.36E-07	9.94E-03	0.00058	2.99E-05	0.017597	1.41E-07	0.018207
1553	494661.06	3858651.99	0.28039	0.35897	0.33523	0.21478	5.27E-04	3.1E-05	0.00728	2.4E-07	0.00784	6.46E-04	3.86E-05	0.008966	1.34E-07	9.65E-03	0.000569	2.97E-05	0.017073	1.39E-07	0.017673
1554	494711.06	3858651.99	0.272	0.34957	0.32015	0.21164	5.11E-04	3.1E-05	0.00695	2.4E-07	0.00749	6.26E-04	3.76E-05	0.008563	1.32E-07	9.23E-03	0.000552	2.89E-05	0.016305	1.37E-07	0.016887
1555	494761.06	3858651.99	0.26612	0.34276	0.30875	0.20909	5.00E-04	3E-05	0.0067	2.3E-07	0.00724	6.13E-04	3.68E-05	0.008258	1.31E-07	8.91E-03	0.00054	2.83E-05	0.015725	1.35E-07	0.016294
1556	494811.06	3858651.99	0.25587	0.33088	0.29152	0.2055	4.81E-04	2.9E-05	0.00633	2.3E-07	0.00684	5.89E-04	3.56E-05	0.007797	1.29E-07	8.42E-03	0.00052	2.74E-05	0.014847	1.33E-07	0.015394
1557	494861.06	3858651.99	0.24419	0.32696	0.2838	0.20225	4.59E-04	2.9E-05	0.00616	2.3E-07	0.00665	5.62E-04	3.51E-05	0.00759	1.26E-07	8.19E-03	0.000496	2.7E-05	0.014454	1.31E-07	0.014977
1558	494911.06	3858651.99	0.23159	0.31386	0.27577	0.19876	4.35E-04	2.8E-05	0.00599	2.2E-07	0.00645	5.33E-04	3.37E-05	0.007376	1.24E-07	7.94E-03	0.00047	2.6E-05	0.014045	1.28E-07	0.014541
1559	494961.06	3858651.99	0.225	0.31101	0.27286	0.19553	4.23E-04	2.7E-05	0.00593	2.2E-07	0.00638	5.18E-04	3.34E-05	0.007298	1.22E-07	7.85E-03	0.000457	2.57E-05	0.013897	1.26E-07	0.01438
1560	495011.06	3858651.99	0.22044	0.30842	0.27065	0.19278	4.14E-04	2.7E-05	0.00588	2.2E-07	0.00632	5.08E-04	3.32E-05	0.007239	1.21E-07	7.78E-03	0.000448	2.55E-05	0.013784	1.25E-07	0.014258
1561	495061.06	3858651.99	0.21487	0.29799	0.26491	0.19055	4.04E-04	2.6E-05	0.00575	2.1E-07	0.00618	4.95E-04	3.2E-05	0.007085	1.19E-07	7.61E-03	0.000436	2.46E-05	0.013492	1.23E-07	0.013953
1562	495111.06	3858651.99	0.20791	0.2866	0.25445	0.18795	3.91E-04	2.5E-05	0.00553	2.1E-07	0.00594	4.79E-04	3.08E-05	0.006805	1.18E-07	7.32E-03	0.000422	2.37E-05	0.012959	1.21E-07	0.013405
1563	495161.06	3858651.99	0.20428	0.28683	0.24807	0.18595	3.84E-04	2.5E-05	0.00539	2.1E-07	0.0058	4.70E-04	3.08E-05	0.006635	1.16E-07	7.14E-03	0.000415	2.37E-05	0.012634	1.2E-07	0.013073
1564	495211.06	3858651.99	0.19995	0.27737	0.2403	0.18359	3.76E-04	2.4E-05	0.00522	2.1E-07	0.00562	4.60E-04	2.98E-05	0.006427	1.15E-07	6.92E-03	0.000406	2.29E-05	0.012239	1.19E-07	0.012668
1565	495261.06	3858651.99	0.19953	0.27186	0.23831	0.18291	3.75E-04	2.4E-05	0.00518	2E-07	0.00557	4.59E-04	2.92E-05	0.006374	1.14E-07	6.86E-03	0.000405	2.25E-05	0.012137	1.18E-07	0.012565
1566	495311.06	3858651.99	0.19796	0.26735	0.23434	0.18174	3.72E-04	2.3E-05	0.00509	2E-07	0.00548	4.56E-04	2.87E-05	0.006268	1.14E-07	6.75E-03	0.000402	2.21E-05	0.011935	1.17E-07	0.012359
1567	495361.06	3858651.99	0.19747	0.27008	0.23464	0.18123	3.71E-04	2.4E-05	0.0051	2E-07	0.00549	4.55E-04	2.9E-05	0.006276	1.13E-07	6.76E-03	0.000401	2.23E-05	0.01195	1.17E-07	0.012374
1568	495411.06	3858651.99	0.19674	0.27349	0.23612	0.18064	3.70E-04	2.4E-05	0.00513	2E-07	0.00552	4.53E-04	2.94E-05	0.006315	1.13E-07	6.80E-03	0.000399	2.26E-05	0.012026	1.17E-07	0.012448
1569	495461.06	3858651.99	0.19714	0.27774	0.23869	0.18055	3.70E-04	2.4E-05	0.00518	2E-07	0.00558	4.54E-04	2.99E-05	0.006384	1.13E-07	6.87E-03	0.0004	2.3E-05	0.012157	1.17E-07	0.01258
1570	495511.06	3858651.99	0.19404	0.27793	0.23405	0.17925	3.65E-04	2.4E-05	0.00508	2E-07	0.00547	4.47E-04	2.99E-05	0.00626	1.12E-07	6.74E-03	0.000394	2.3E-05	0.01192	1.16E-07	0.012337
1571	495561.06	3858651.99	0.19241	0.27912	0.23045	0.17835	3.62E-04	2.4E-05	0.005	2E-07	0.00539	4.43E-04	3E-05	0.006164	1.12E-07	6.64E-03	0.000391	2.31E-05	0.011737	1.15E-07	0.012151
1572	495611.06	3858651.99	0.18963	0.27832	0.22513	0.17684	3.56E-04	2.4E-05	0.00489	2E-07	0.00527	4.37E-04	2.99E-05	0.006021	1.11E-07	6.49E-03	0.000385	2.3E-05	0.011466	1.14E-07	0.011874
1573	495661.06	3858651.99	0.18886	0.2809	0.22292	0.17648	3.55E-04	2.5E-05	0.00484	2E-07	0.00522	4.35E-04	3.02E-05	0.005962	1.1E-07	6.43E-03	0.000383	2.32E-05	0.011353	1.14E-07	0.01176
1574	494311.06	3858701.99	0.24118	0.30917	0.2905	0.21023	4.53E-04	2.7E-05	0.00631	2.3E-07	0.00679	5.55E-04	3.32E-05	0.00777	1.31E-07	8.36E-03	0.00049	2.56E-05	0.014795	1.36E-07	0.015311
1575	494361.06	3858701.99	0.26967	0.33423	0.3369	0.22231	5.07E-04	2.9E-05	0.00732	2.5E-07	0.00785	6.21E-04	3.59E-05	0.009011	1.39E-07	9.67E-03	0.000548	2.76E-05	0.017159	1.44E-07	0.017734
1576	494411.06	3858701.99	0.29994	0.35761	0.36861	0.22996	5.64E-04	3.1E-05	0.008	2.6E-07	0.0086	6.91E-04	3.84E-05	0.009859	1.44E-07	1.06E-02	0.000609	2.96E-05	0.018774	1.49E-07	0.019412
1577	494461.06	3858701.99	0.30133	0.36209	0.37067	0.2298	5.66E-04	3.2E-05	0.00805	2.6E-07	0.00865	6.94E-04	3.89E-05	0.009914	1.44E-07	1.06E-02	0.000612	2.99E-05	0.018878	1.48E-07	0.01952
1578	494511.06	3858701.99	0.30154	0.3689	0.3702	0.23007	5.67E-04	3.2E-05	0.00804	2.6E-07	0.00864	6.94E-04	3.97E-05	0.009901	1.44E-07	1.06E-02	0.000612	3.05E-05	0.018854	1.49E-07	0.019497
1579	494561.06	3858701.99	0.29974	0.36615	0.3701	0.22787	5.63E-04	3.2E-05	0.00804	2.5E-07	0.00863	6.90E-04	3.94E-05	0.009899	1.43E-07	1.06E-02	0.000609	3.03E-05	0.018849	1.47E-07	0.019488
1580	494611.06	3858701.99	0.28849	0.35376	0.36183	0.22134	5.42E-04	3.1E-05	0.00786	2.5E-07	0.00843	6.64E-04	3.8E-05	0.009677	1.38E-07	1.04E-02	0.000586	2.93E-05	0.018428	1.43E-07	0.019043
1581	494661.06	3858701.99	0.29022	0.35796	0.36141	0.22088	5.45E-04	3.1E-05	0.00785	2.5E-07	0.00843	6.68E-04	3.85E-05	0.009666	1.38E-07	1.04E-02	0.000589	2.96E-05	0.018407	1.43E-07	0.019026
1582	494711.06	3858701.99	0.26471	0.33404	0.32412	0.21345	4.97E-04	2.9E-05	0.00704	2.4E-07	0.00757	6.10E-04	3.59E-05	0.008669	1.34E-07	9.31E-03	0.000537	2.76E-05	0.016508	1.38E-07	0.017073

1583	494761.06	3858701.99	0.27299	0.3449	0.33244	0.21344	5.13E-04	3E-05	0.00722	2.4E-07	0.00776	6.29E-04	3.71E-05	0.008891	1.33E-07	9.56E-03	0.000554	2.85E-05	0.016931	1.38E-07	0.017514
1584	494811.06	3858701.99	0.26293	0.3346	0.31459	0.21001	4.94E-04	2.9E-05	0.00683	2.3E-07	0.00736	6.05E-04	3.6E-05	0.008414	1.31E-07	9.06E-03	0.000534	2.77E-05	0.016022	1.36E-07	0.016584
1585	494861.06	3858701.99	0.2555	0.32605	0.30078	0.20706	4.80E-04	2.9E-05	0.00653	2.3E-07	0.00704	5.88E-04	3.51E-05	0.008045	1.3E-07	8.67E-03	0.000519	2.7E-05	0.015319	1.34E-07	0.015865
1586	494911.06	3858701.99	0.24946	0.31805	0.28903	0.20424	4.69E-04	2.8E-05	0.00628	2.3E-07	0.00677	5.74E-04	3.42E-05	0.00773	1.28E-07	8.34E-03	0.000506	2.63E-05	0.01472	1.32E-07	0.015253
1587	494961.06	3858701.99	0.2329	0.31123	0.27045	0.19867	4.38E-04	2.7E-05	0.00587	2.2E-07	0.00634	5.36E-04	3.35E-05	0.007233	1.24E-07	7.80E-03	0.000473	2.57E-05	0.013774	1.28E-07	0.014273
1588	495011.06	3858701.99	0.22483	0.30578	0.26792	0.19575	4.23E-04	2.7E-05	0.00582	2.2E-07	0.00627	5.18E-04	3.29E-05	0.007166	1.22E-07	7.72E-03	0.000456	2.53E-05	0.013645	1.26E-07	0.014127
1589	495061.06	3858701.99	0.22334	0.30034	0.26711	0.19437	4.20E-04	2.6E-05	0.0058	2.2E-07	0.00625	5.14E-04	3.23E-05	0.007144	1.22E-07	7.69E-03	0.000453	2.48E-05	0.013604	1.26E-07	0.014082
1590	495111.06	3858701.99	0.21493	0.29018	0.26386	0.19099	4.04E-04	2.5E-05	0.00573	2.1E-07	0.00616	4.95E-04	3.12E-05	0.007057	1.19E-07	7.58E-03	0.000436	2.4E-05	0.013439	1.23E-07	0.013899
1591	495161.06	3858701.99	0.21135	0.28896	0.26249	0.18928	3.97E-04	2.5E-05	0.0057	2.1E-07	0.00612	4.87E-04	3.11E-05	0.00702	1.18E-07	7.54E-03	0.000429	2.39E-05	0.013369	1.22E-07	0.013822
1592	495211.06	3858701.99	0.20555	0.28313	0.25747	0.18695	3.86E-04	2.5E-05	0.00559	2.1E-07	0.006	4.73E-04	3.04E-05	0.006886	1.17E-07	7.39E-03	0.000417	2.34E-05	0.013113	1.21E-07	0.013554
1593	495261.06	3858701.99	0.20588	0.28358	0.25616	0.18632	3.87E-04	2.5E-05	0.00556	2.1E-07	0.00597	4.74E-04	3.05E-05	0.006851	1.17E-07	7.36E-03	0.000418	2.35E-05	0.013046	1.2E-07	0.013488
1594	495311.06	3858701.99	0.2063	0.2886	0.25476	0.18574	3.88E-04	2.5E-05	0.00553	2.1E-07	0.00595	4.75E-04	3.1E-05	0.006814	1.16E-07	7.32E-03	0.000419	2.39E-05	0.012975	1.2E-07	0.013418
1595	495361.06	3858701.99	0.20528	0.28326	0.25177	0.18478	3.86E-04	2.5E-05	0.00547	2.1E-07	0.00588	4.73E-04	3.05E-05	0.006734	1.16E-07	7.24E-03	0.000417	2.34E-05	0.012823	1.19E-07	0.013263
1596	495411.06	3858701.99	0.20681	0.282	0.25113	0.18454	3.89E-04	2.5E-05	0.00545	2.1E-07	0.00587	4.76E-04	3.03E-05	0.006717	1.15E-07	7.22E-03	0.00042	2.33E-05	0.01279	1.19E-07	0.013234
1597	495461.06	3858701.99	0.20657	0.2761	0.2491	0.18385	3.88E-04	2.4E-05	0.00541	2.1E-07	0.00582	4.76E-04	2.97E-05	0.006662	1.15E-07	7.17E-03	0.000419	2.28E-05	0.012687	1.19E-07	0.013129
1598	495511.06	3858701.99	0.20489	0.26914	0.24807	0.18277	3.85E-04	2.4E-05	0.00539	2E-07	0.0058	4.72E-04	2.89E-05	0.006635	1.14E-07	7.14E-03	0.000416	2.23E-05	0.012634	1.18E-07	0.013073
1599	495561.06	3858701.99	0.20225	0.26885	0.24593	0.18148	3.80E-04	2.4E-05	0.00534	2E-07	0.00574	4.66E-04	2.89E-05	0.006578	1.14E-07	7.07E-03	0.000411	2.22E-05	0.012525	1.17E-07	0.012958
1600	495611.06	3858701.99	0.19947	0.26996	0.24264	0.18016	3.75E-04	2.4E-05	0.00527	2E-07	0.00567	4.59E-04	2.9E-05	0.00649	1.13E-07	6.98E-03	0.000405	2.23E-05	0.012358	1.16E-07	0.012785
1601	495661.06	3858701.99	0.19859	0.27255	0.23947	0.17941	3.73E-04	2.4E-05	0.0052	2E-07	0.0056	4.57E-04	2.93E-05	0.006405	1.12E-07	6.89E-03	0.000403	2.25E-05	0.012196	1.16E-07	0.012622
1602	494311.06	3858751.99	0.25314	0.33961	0.29817	0.21481	4.76E-04	3E-05	0.00648	2.4E-07	0.00698	5.83E-04	3.65E-05	0.007975	1.34E-07	8.59E-03	0.000514	2.81E-05	0.015186	1.39E-07	0.015728
1603	494361.06	3858751.99	0.2933	0.38845	0.36287	0.23206	5.51E-04	3.4E-05	0.00788	2.6E-07	0.00847	6.75E-04	4.18E-05	0.009705	1.45E-07	1.04E-02	0.000596	3.21E-05	0.018481	1.5E-07	0.019109
1604	494411.06	3858751.99	0.30971	0.42076	0.38497	0.23879	5.82E-04	3.7E-05	0.00836	2.7E-07	0.00898	7.13E-04	4.52E-05	0.010296	1.49E-07	1.11E-02	0.000629	3.48E-05	0.019607	1.54E-07	0.020271
1605	494461.06	3858751.99	0.31196	0.41523	0.39102	0.23887	5.86E-04	3.6E-05	0.00849	2.7E-07	0.00911	7.18E-04	4.46E-05	0.010458	1.49E-07	1.12E-02	0.000633	3.43E-05	0.019915	1.54E-07	0.020583
1606	494511.06	3858751.99	0.31545	0.41397	0.39426	0.24016	5.93E-04	3.6E-05	0.00856	2.7E-07	0.00919	7.26E-04	4.45E-05	0.010545	1.5E-07	1.13E-02	0.00064	3.42E-05	0.02008	1.55E-07	0.020755
1607	494561.06	3858751.99	0.31014	0.39563	0.38855	0.23564	5.83E-04	3.5E-05	0.00844	2.6E-07	0.00906	7.14E-04	4.25E-05	0.010392	1.47E-07	1.11E-02	0.00063	3.27E-05	0.019789	1.52E-07	0.020452
1608	494611.06	3858751.99	0.30444	0.37651	0.37827	0.23011	5.72E-04	3.3E-05	0.00821	2.6E-07	0.00882	7.01E-04	4.05E-05	0.010117	1.44E-07	1.09E-02	0.000618	3.11E-05	0.019266	1.49E-07	0.019915
1609	494661.06	3858751.99	0.30119	0.36064	0.37541	0.22758	5.66E-04	3.2E-05	0.00815	2.5E-07	0.00875	6.94E-04	3.88E-05	0.010041	1.42E-07	1.08E-02	0.000612	2.98E-05	0.01912	1.47E-07	0.019761
1610	494711.06	3858751.99	0.28686	0.34631	0.36053	0.22104	5.39E-04	3E-05	0.00783	2.5E-07	0.0084	6.61E-04	3.72E-05	0.009643	1.38E-07	1.03E-02	0.000582	2.86E-05	0.018362	1.43E-07	0.018973
1611	494761.06	3858751.99	0.28264	0.34634	0.35558	0.2182	5.31E-04	3E-05	0.00772	2.4E-07	0.00828	6.51E-04	3.72E-05	0.00951	1.36E-07	1.02E-02	0.000574	2.86E-05	0.01811	1.41E-07	0.018713
1612	494811.06	3858751.99	0.27142	0.33961	0.34289	0.21458	5.10E-04	3E-05	0.00745	2.4E-07	0.00799	6.25E-04	3.65E-05	0.009171	1.34E-07	9.83E-03	0.000551	2.81E-05	0.017464	1.39E-07	0.018043
1613	494861.06	3858751.99	0.262	0.33029	0.32602	0.21128	4.92E-04	2.9E-05	0.00708	2.4E-07	0.0076	6.03E-04	3.55E-05	0.00872	1.32E-07	9.36E-03	0.000532	2.73E-05	0.016604	1.36E-07	0.017164
1614	494911.06	3858751.99	0.25132	0.32172	0.30724	0.20772	4.72E-04	2.8E-05	0.00667	2.3E-07	0.00717	5.79E-04	3.46E-05	0.008217	1.3E-07	8.83E-03	0.00051	2.66E-05	0.015648	1.34E-07	0.016185
1615	494961.06	3858751.99	0.24454	0.3211	0.29381	0.2049	4.60E-04	2.8E-05	0.00638	2.3E-07	0.00687	5.63E-04	3.45E-05	0.007858	1.28E-07	8.46E-03	0.000497	2.66E-05	0.014964	1.32E-07	0.015487
1616	495011.06	3858751.99	0.24077	0.32341	0.28447	0.20267	4.52E-04	2.8E-05	0.00618	2.3E-07	0.00666	5.54E-04	3.48E-05	0.007608	1.27E-07	8.20E-03	0.000489	2.67E-05	0.014488	1.31E-07	0.015004
1617	495061.06	3858751.99	0.23368	0.31886	0.2738	0.19901	4.39E-04	2.8E-05	0.00595	2.2E-07	0.00641	5.38E-04	3.43E-05	0.007323	1.24E-07	7.90E-03	0.000474	2.64E-05	0.013945	1.29E-07	0.014446
1618	495111.06	3858751.99	0.22492	0.31401	0.26625	0.19463	4.23E-04	2.8E-05	0.00578	2.2E-07	0.00623	5.18E-04	3.38E-05	0.007121	1.22E-07	7.67E-03	0.000457	2.6E-05	0.01356	1.26E-07	0.014043
1619	495161.06	3858751.99	0.22102	0.30907	0.26129	0.19259	4.15E-04	2.7E-05	0.00567	2.2E-07	0.00612	5.09E-04	3.32E-05	0.006988	1.2E-07	7.53E-03	0.000449	2.56E-05	0.013308	1.24E-07	0.013782
1620	495211.06	3858751.99	0.21527	0.30402	0.25944	0.19066	4.05E-04	2.7E-05	0.00563	2.1E-07	0.00607	4.96E-04	3.27E-05	0.006939	1.19E-07	7.47E-03	0.000437	2.51E-05	0.013213	1.23E-07	0.013676
1621	495261.06	3858751.99	0.21532	0.29535	0.25935	0.19014	4.05E-04	2.6E-05	0.00563	2.1E-07	0.00606	4.96E-04	3.18E-05	0.006936	1.19E-07	7.46E-03	0.000437	2.44E-05	0.013209	1.23E-07	0.013671
1622	495311.06	3858751.99	0.21603	0.28647	0.25942	0.18898	4.06E-04	2.5E-05	0.00563	2.1E-07	0.00606	4.97E-04	3.08E-05	0.006938	1.18E-07	7.47E-03	0.000439	2.37E-05	0.013212	1.22E-07	0.013675
1623	495361.06	3858751.99	0.21536	0.28569	0.25902	0.18807	4.05E-04	2.5E-05	0.00562	2.1E-07	0.00605	4.96E-04	3.07E-05	0.006928	1.18E-07	7.45E-03	0.000437	2.36E-05	0.013192	1.21E-07	0.013653
1624	495411.06	3858751.99	0.21788	0.28347	0.25955	0.18801	4.09E-04	2.5E-05	0.00564	2.1E-07	0.00607	5.02E-04	3.05E-05	0.006942	1.18E-07	7.47E-03	0.000442	2.34E-05	0.013219	1.21E-07	0.013685
1625	495461.06	3858751.99	0.21778	0.28087	0.25924	0.18728	4.09E-04	2.5E-05	0.00563	2.1E-07	0.00606	5.02E-04	3.02E-05	0.006934	1.17E-07	7.47E-03	0.000442	2.32E-05	0.013203	1.21E-07	0.013669
1626	495511.06	3858751.99	0.21616	0.28526	0.25844	0.18617	4.06E-04	2.5E-05	0.00561	2.1E-07	0.00604	4.98E-04	3.07E-05	0.006912	1.16E-07	7.44E-03	0.000439	2.36E-05	0.013162	1.2E-07	0.013625
1627	495561.06	3858751.99	0.21387	0.28724	0.2574	0.18491	4.02E-04	2.5E-05	0.00559	2.1E-07	0.00602	4.93E-04	3.09E-05	0.006884	1.16E-07	7.41E-03	0.000434	2.38E-05	0.01311	1.19E-07	0.013568
1628	495611.06	3858751.99	0.21152	0.27982	0.25488	0.18365	3.97E-04	2.5E-05	0.00553	2.1E-07	0.00596	4.87E-04	3.01E-05	0.006817	1.15E-07	7.33E-03	0.000429	2.31E-05	0.012981	1.19E-07	0.013434
1629	495661.06	3858751.99	0.21008	0.27922	0.25356	0.18266	3.95E-04	2.4E-05	0.00551	2E-07	0.00593	4.84E-04	3E-05	0.006782	1.14E-07	7.30E-03	0.000427	2.31E-05	0.012914	1.18E-07	0.013364
1630	494311.06	3858801.99	0.27056	0.3662	0.3245	0.22479	5.08E-04	3.2E-05	0.00705	2.5E-07	0.00759	6.23E-04	3.94E-05	0.008679	1.41E-07	9.34E-03	0.000549	3.03E-05	0.016527	1.45E-07	0.017107
1631	494361.06	3858801.99	0.31057	0.42931	0.37745	0.23919	5.84E-04	3.8E-05	0.0082	2.7E-07	0.00882	7.15E-04	4.62E-05	0.010095	1.5E-07	1.09E-02	0.000631	3.55E-05	0.019224	1.55E-07	0.01989
1632	494411.06	3858801.99	0.31777	0.4383	0.39395	0.24508	5.97E-04	3.8E-05	0.00856	2.7E-07	0.00919	7.32E-04	4.71E-05	0.010536	1.53E-07	1.13E-02	0.000645	3.62E-05	0.020064	1.58E-07	0.020746
1633	494461.06	3858801.99	0.32172	0.44722	0.40287	0.24603	6.05E-04	3.9E-05	0.00875	2.7E-07	0.00939	7.41E-04	4.81E-05	0.010775	1.54E-07	1.16E-02	0.000653	3.7E-05	0.020518	1.59E-07	0.021209
1634	494511.06	3858801.99	0.3274	0.45378	0.40813	0.24799	6.15E-04	4E-05	0.00886	2.8E-07	0.00952	7.54E-04	4.88E-05	0.010916	1.55E-07	1.17E-02	0.000665	3.75E-05	0.020786	1.6E-07	0.021489
1635	494561.06	3858801.99	0.32425	0.45114	0.40627	0.24698	6.09E-04	4E-05	0.00882	2.8E-07	0.00947	7.47E-04	4.85E-05	0.010866	1.54E-07	1.17E-02	0.000658	3.73E-05	0.020692	1.6E-07	0.021387
1636	494611.06	3858801.99	0.32154	0.44385	0.40481	0.24459	6.04E-04	3.9E-05	0.00879	2.7E-07	0.00943	7.40E-04	4.77E-05	0.010827	1.53E-07	1.16E-02	0.000653	3.67E-05	0.020617	1.58E-07	0.021307
1637	494661.06	3858801.99	0.314	0.42926	0.39713	0.23983	5.90E-04	3.8E-05	0.00862	2.7E-07	0.00925	7.23E-04	4.61E-05	0.010622	1.5E-07	1.14E-02	0.000638	3.55E-05	0.020226	1.55E-07	0.020899
1638	494711.06	3858801.99	0.30682	0.40613	0.38629	0.23274	5.77E-04	3.6E-05	0.00839	2.6E-07	0.009	7.07E-04	4.37E-05	0.010332	1.46E-07	1.11E-02	0.000623	3.36E-05	0.019674	1.5E-07	0.020331
1639	494761.06	3858801.99	0.29792	0.38016	0.37158	0.22459	5.60E-04	3.3E-05	0.00807	2.5E-07	0.00866	6.86E-04	4.09E-05	0.009938	1.4E-07	1.07E-02	0.000605	3.14E-05	0.018925	1.45E-07	0.019561
1640	494811.06	3858801.99	0.28458	0.35389	0.35613	0.218	5.35E-04	3.1E-05	0.00773	2.4E-07	0.0083	6.55E-04	3.8E-05	0.009525	1.36E-07	1.02E-02	0.000578	2.93E-05	0.018138	1.41E-07	0.018745
1641	494861.06	3858801.99	0.2761	0.34345	0.34898	0.21543	5.19E-04	3E-05	0.00758	2.4E-07	0.00813	6.36E-04	3.69E-05	0.009334	1.35E-07	1.00E-02	0.000561	2.84E-05	0.017774	1.39E-07	0.018363
1642	494911.06	3858801.99	0.26415	0.33164	0.33262	0.21203	4.96E-04	2.9E-05	0.00722	2.4E-07	0.00775	6.08E-04	3.57E-05	0.008896	1.33E-07	9.54E-03	0.000536	2.74E-05	0.016941	1.37E-07	0.017504
1643	494961.06	3858801.99	0.25497	0.31778	0.3264	0.20927	4.79E-04	2.8E-05	0.00709	2.3E-07	0.0076	5.87E-04	3.42E-05	0.00873	1.31E-07	9.35E-03	0.000518	2.63E-05	0.016624	1.35E-07	0.017168

1644	495011.06	3858801.99	0.24585	0.31366	0.3112	0.20639	4.62E-04	2.8E-05	0.00676	2.3E-07	0.00725	5.66E-04	3.37E-05	0.008323	1.29E-07	8.92E-03	0.000499	2.59E-05	0.01585	1.33E-07	0.016375
1645	495061.06	3858801.99	0.24223	0.31379	0.30111	0.20426	4.55E-04	2.8E-05	0.00654	2.3E-07	0.00702	5.58E-04	3.37E-05	0.008053	1.28E-07	8.65E-03	0.000492	2.6E-05	0.015336	1.32E-07	0.015854
1646	495111.06	3858801.99	0.23311	0.30547	0.28369	0.2008	4.38E-04	2.7E-05	0.00616	2.2E-07	0.00663	5.37E-04	3.28E-05	0.007587	1.26E-07	8.16E-03	0.000473	2.53E-05	0.014448	1.3E-07	0.014947
1647	495161.06	3858801.99	0.22782	0.3049	0.27539	0.19757	4.28E-04	2.7E-05	0.00598	2.2E-07	0.00644	5.25E-04	3.28E-05	0.007365	1.24E-07	7.92E-03	0.000463	2.52E-05	0.014026	1.28E-07	0.014514
1648	495211.06	3858801.99	0.22512	0.30873	0.27074	0.19559	4.23E-04	2.7E-05	0.00588	2.2E-07	0.00633	5.18E-04	3.32E-05	0.007241	1.22E-07	7.79E-03	0.000457	2.55E-05	0.013789	1.26E-07	0.014272
1649	495261.06	3858801.99	0.22464	0.31302	0.26754	0.19459	4.22E-04	2.7E-05	0.00581	2.2E-07	0.00626	5.17E-04	3.37E-05	0.007156	1.22E-07	7.71E-03	0.000456	2.59E-05	0.013626	1.26E-07	0.014108
1650	495311.06	3858801.99	0.22526	0.3116	0.26623	0.19371	4.23E-04	2.7E-05	0.00578	2.2E-07	0.00623	5.19E-04	3.35E-05	0.007121	1.21E-07	7.67E-03	0.000457	2.58E-05	0.013559	1.25E-07	0.014043
1651	495361.06	3858801.99	0.22509	0.30719	0.26261	0.19226	4.23E-04	2.7E-05	0.0057	2.1E-07	0.00615	5.18E-04	3.3E-05	0.007024	1.2E-07	7.58E-03	0.000457	2.54E-05	0.013375	1.24E-07	0.013857
1652	495411.06	3858801.99	0.22924	0.30273	0.26516	0.19201	4.31E-04	2.7E-05	0.00576	2.1E-07	0.00622	5.28E-04	3.25E-05	0.007092	1.2E-07	7.65E-03	0.000465	2.5E-05	0.013505	1.24E-07	0.013995
1653	495461.06	3858801.99	0.22867	0.29799	0.26589	0.19133	4.30E-04	2.6E-05	0.00577	2.1E-07	0.00623	5.27E-04	3.2E-05	0.007111	1.2E-07	7.67E-03	0.000464	2.46E-05	0.013542	1.24E-07	0.014031
1654	495511.06	3858801.99	0.22642	0.29312	0.26475	0.18962	4.25E-04	2.6E-05	0.00575	2.1E-07	0.0062	5.21E-04	3.15E-05	0.007081	1.19E-07	7.63E-03	0.00046	2.42E-05	0.013484	1.22E-07	0.013968
1655	495561.06	3858801.99	0.2251	0.28784	0.2645	0.18831	4.23E-04	2.5E-05	0.00574	2.1E-07	0.00619	5.18E-04	3.09E-05	0.007074	1.18E-07	7.62E-03	0.000457	2.38E-05	0.013471	1.22E-07	0.013952
1656	495611.06	3858801.99	0.22156	0.2831	0.26178	0.18672	4.16E-04	2.5E-05	0.00568	2.1E-07	0.00613	5.10E-04	3.04E-05	0.007001	1.17E-07	7.54E-03	0.00045	2.34E-05	0.013333	1.21E-07	0.013806
1657	495661.06	3858801.99	0.22127	0.27798	0.26251	0.18596	4.16E-04	2.4E-05	0.0057	2.1E-07	0.00614	5.10E-04	2.99E-05	0.007021	1.16E-07	7.56E-03	0.000449	2.3E-05	0.01337	1.2E-07	0.013842
1658	494311.06	3858851.99	0.31139	0.43833	0.38689	0.24056	5.85E-04	3.8E-05	0.0084	2.7E-07	0.00903	7.17E-04	4.71E-05	0.010348	1.5E-07	1.11E-02	0.000632	3.62E-05	0.019705	1.55E-07	0.020373
1659	494361.06	3858851.99	0.33357	0.47868	0.42338	0.24962	6.27E-04	4.2E-05	0.00919	2.8E-07	0.00986	7.68E-04	5.15E-05	0.011324	1.56E-07	1.21E-02	0.000677	3.96E-05	0.021563	1.61E-07	0.02228
1660	494411.06	3858851.99	0.33302	0.47447	0.42422	0.25075	6.26E-04	4.2E-05	0.00921	2.8E-07	0.00988	7.67E-04	5.1E-05	0.011346	1.57E-07	1.22E-02	0.000676	3.92E-05	0.021606	1.62E-07	0.022321
1661	494461.06	3858851.99	0.33571	0.4723	0.42927	0.25332	6.31E-04	4.1E-05	0.00932	2.8E-07	0.00999	7.73E-04	5.08E-05	0.011481	1.58E-07	1.23E-02	0.000682	3.91E-05	0.021863	1.64E-07	0.022584
1662	494511.06	3858851.99	0.33795	0.46724	0.42961	0.25447	6.35E-04	4.1E-05	0.00933	2.8E-07	0.01001	7.78E-04	5.02E-05	0.01149	1.59E-07	1.23E-02	0.000686	3.86E-05	0.02188	1.64E-07	0.022605
1663	494561.06	3858851.99	0.33542	0.46149	0.42572	0.25311	6.30E-04	4E-05	0.00924	2.8E-07	0.00992	7.72E-04	4.96E-05	0.011386	1.58E-07	1.22E-02	0.000681	3.82E-05	0.021682	1.64E-07	0.022402
1664	494611.06	3858851.99	0.32927	0.45504	0.41744	0.25011	6.19E-04	4E-05	0.00907	2.8E-07	0.00972	7.58E-04	4.89E-05	0.011165	1.56E-07	1.20E-02	0.000669	3.76E-05	0.02126	1.62E-07	0.021967
1665	494661.06	3858851.99	0.32157	0.44494	0.40662	0.24616	6.04E-04	3.9E-05	0.00883	2.8E-07	0.00947	7.41E-04	4.78E-05	0.010875	1.54E-07	1.17E-02	0.000653	3.68E-05	0.020709	1.59E-07	0.021399
1666	494711.06	3858851.99	0.3112	0.42776	0.38824	0.23953	5.85E-04	3.8E-05	0.00843	2.7E-07	0.00905	7.17E-04	4.6E-05	0.010384	1.5E-07	1.11E-02	0.000632	3.54E-05	0.019773	1.55E-07	0.020441
1667	494761.06	3858851.99	0.30204	0.41061	0.37248	0.23139	5.68E-04	3.6E-05	0.00809	2.6E-07	0.00869	6.96E-04	4.41E-05	0.009962	1.45E-07	1.07E-02	0.000613	3.4E-05	0.018971	1.49E-07	0.019618
1668	494811.06	3858851.99	0.29482	0.39633	0.36284	0.22486	5.54E-04	3.5E-05	0.00788	2.5E-07	0.00847	6.79E-04	4.26E-05	0.009704	1.41E-07	1.04E-02	0.000599	3.28E-05	0.01848	1.45E-07	0.019111
1669	494861.06	3858851.99	0.29089	0.38721	0.35883	0.22069	5.47E-04	3.4E-05	0.00779	2.5E-07	0.00837	6.70E-04	4.16E-05	0.009597	1.38E-07	1.03E-02	0.000591	3.2E-05	0.018275	1.43E-07	0.018898
1670	494911.06	3858851.99	0.2838	0.36646	0.34973	0.21617	5.33E-04	3.2E-05	0.00759	2.4E-07	0.00816	6.54E-04	3.94E-05	0.009354	1.35E-07	1.00E-02	0.000576	3.03E-05	0.017812	1.4E-07	0.018419
1671	494961.06	3858851.99	0.27403	0.34921	0.34228	0.2134	5.15E-04	3.1E-05	0.00743	2.4E-07	0.00798	6.31E-04	3.75E-05	0.009155	1.33E-07	9.82E-03	0.000556	2.89E-05	0.017433	1.38E-07	0.018018
1672	495011.06	3858851.99	0.26578	0.33819	0.33539	0.21094	4.99E-04	3E-05	0.00728	2.4E-07	0.00781	6.12E-04	3.64E-05	0.00897	1.32E-07	9.62E-03	0.00054	2.8E-05	0.017082	1.36E-07	0.017649
1673	495061.06	3858851.99	0.25634	0.32132	0.32259	0.2082	4.82E-04	2.8E-05	0.00701	2.3E-07	0.00752	5.90E-04	3.45E-05	0.008628	1.3E-07	9.25E-03	0.00052	2.66E-05	0.01643	1.34E-07	0.016977
1674	495111.06	3858851.99	0.24095	0.29815	0.30918	0.20392	4.53E-04	2.6E-05	0.00671	2.3E-07	0.00719	5.55E-04	3.21E-05	0.008269	1.28E-07	8.86E-03	0.000489	2.47E-05	0.015747	1.32E-07	0.016261
1675	495161.06	3858851.99	0.23333	0.2926	0.29537	0.20127	4.38E-04	2.6E-05	0.00641	2.2E-07	0.00688	5.37E-04	3.15E-05	0.0079	1.26E-07	8.47E-03	0.000474	2.42E-05	0.015043	1.3E-07	0.015541
1676	495211.06	3858851.99	0.23596	0.30041	0.29383	0.20049	4.43E-04	2.6E-05	0.00638	2.2E-07	0.00685	5.43E-04	3.23E-05	0.007859	1.25E-07	8.43E-03	0.000479	2.48E-05	0.014965	1.3E-07	0.015469
1677	495261.06	3858851.99	0.23621	0.3052	0.28895	0.19916	4.44E-04	2.7E-05	0.00627	2.2E-07	0.00675	5.44E-04	3.28E-05	0.007728	1.25E-07	8.31E-03	0.00048	2.52E-05	0.014716	1.29E-07	0.015221
1678	495311.06	3858851.99	0.23797	0.31089	0.2865	0.19818	4.47E-04	2.7E-05	0.00622	2.2E-07	0.0067	5.48E-04	3.34E-05	0.007663	1.24E-07	8.24E-03	0.000483	2.57E-05	0.014592	1.28E-07	0.015101
1679	495361.06	3858851.99	0.23862	0.31429	0.28268	0.19696	4.48E-04	2.8E-05	0.00614	2.2E-07	0.00661	5.49E-04	3.38E-05	0.00756	1.23E-07	8.14E-03	0.000484	2.6E-05	0.014397	1.27E-07	0.014908
1680	495411.06	3858851.99	0.23925	0.31689	0.28202	0.19574	4.50E-04	2.8E-05	0.00612	2.2E-07	0.0066	5.51E-04	3.41E-05	0.007543	1.22E-07	8.13E-03	0.000486	2.62E-05	0.014363	1.26E-07	0.014876
1681	495461.06	3858851.99	0.24027	0.31318	0.28179	0.1946	4.52E-04	2.7E-05	0.00612	2.2E-07	0.0066	5.53E-04	3.37E-05	0.007537	1.22E-07	8.12E-03	0.000488	2.59E-05	0.014352	1.26E-07	0.014866
1682	495511.06	3858851.99	0.23985	0.30928	0.27951	0.1938	4.51E-04	2.7E-05	0.00607	2.2E-07	0.00655	5.52E-04	3.32E-05	0.007476	1.21E-07	8.06E-03	0.000487	2.56E-05	0.014236	1.25E-07	0.014748
1683	495561.06	3858851.99	0.23227	0.30491	0.27001	0.19166	4.36E-04	2.7E-05	0.00586	2.1E-07	0.00633	5.35E-04	3.28E-05	0.007222	1.2E-07	7.79E-03	0.000472	2.52E-05	0.013752	1.24E-07	0.014249
1684	495611.06	3858851.99	0.22811	0.30054	0.26413	0.19037	4.29E-04	2.6E-05	0.00574	2.1E-07	0.00619	5.25E-04	3.23E-05	0.007064	1.19E-07	7.62E-03	0.000463	2.49E-05	0.013452	1.23E-07	0.01394
1685	495661.06	3858851.99	0.22943	0.29625	0.26682	0.19003	4.31E-04	2.6E-05	0.00579	2.1E-07	0.00625	5.28E-04	3.18E-05	0.007136	1.19E-07	7.70E-03	0.000466	2.45E-05	0.013589	1.23E-07	0.01408
1686	494311.06	3858901.99	0.33436	0.482	0.41926	0.24446	6.28E-04	4.2E-05	0.0091	2.7E-07	0.00978	7.70E-04	5.18E-05	0.011213	1.53E-07	1.20E-02	0.000679	3.99E-05	0.021353	1.58E-07	0.022072
1687	494361.06	3858901.99	0.35556	0.51581	0.44621	0.25607	6.68E-04	4.5E-05	0.00969	2.9E-07	0.0104	8.19E-04	5.55E-05	0.011934	1.6E-07	1.28E-02	0.000722	4.27E-05	0.022726	1.65E-07	0.02349
1688	494411.06	3858901.99	0.35014	0.51093	0.45159	0.25889	6.58E-04	4.5E-05	0.00981	2.9E-07	0.01051	8.06E-04	5.49E-05	0.012078	1.62E-07	1.29E-02	0.000711	4.23E-05	0.023	1.67E-07	0.023753
1689	494461.06	3858901.99	0.3543	0.50634	0.45575	0.26183	6.66E-04	4.4E-05	0.0099	2.9E-07	0.01061	8.16E-04	5.44E-05	0.012189	1.64E-07	1.31E-02	0.000719	4.19E-05	0.023212	1.69E-07	0.023973
1690	494511.06	3858901.99	0.35446	0.49506	0.45757	0.26215	6.66E-04	4.3E-05	0.00994	2.9E-07	0.01065	8.16E-04	5.32E-05	0.012238	1.64E-07	1.31E-02	0.00072	4.09E-05	0.023304	1.69E-07	0.024065
1691	494561.06	3858901.99	0.34798	0.48556	0.44934	0.25926	6.54E-04	4.3E-05	0.00976	2.9E-07	0.01045	8.01E-04	5.22E-05	0.012018	1.62E-07	1.29E-02	0.000707	4.02E-05	0.022885	1.67E-07	0.023632
1692	494611.06	3858901.99	0.33509	0.47141	0.43299	0.24805	6.30E-04	4.1E-05	0.0094	2.8E-07	0.01007	7.72E-04	5.07E-05	0.011581	1.55E-07	1.24E-02	0.00068	3.9E-05	0.022052	1.6E-07	0.022772
1693	494661.06	3858901.99	0.32885	0.46215	0.42515	0.244	6.18E-04	4.1E-05	0.00923	2.7E-07	0.00989	7.57E-04	4.97E-05	0.011371	1.53E-07	1.22E-02	0.000668	3.82E-05	0.021653	1.58E-07	0.022359
1694	494711.06	3858901.99	0.32104	0.44736	0.40917	0.24092	6.03E-04	3.9E-05	0.00889	2.7E-07	0.00953	7.39E-04	4.81E-05	0.010944	1.51E-07	1.17E-02	0.000652	3.7E-05	0.020839	1.56E-07	0.021528
1695	494761.06	3858901.99	0.30947	0.42945	0.38927	0.23698	5.82E-04	3.8E-05	0.00845	2.6E-07	0.00907	7.13E-04	4.62E-05	0.010411	1.48E-07	1.12E-02	0.000628	3.55E-05	0.019826	1.53E-07	0.02049
1696	494811.06	3858901.99	0.30166	0.41698	0.37873	0.23427	5.67E-04	3.7E-05	0.00822	2.6E-07	0.00883	6.95E-04	4.48E-05	0.010129	1.47E-07	1.09E-02	0.000612	3.45E-05	0.019289	1.51E-07	0.019936
1697	494861.06	3858901.99	0.29844	0.40617	0.37129	0.23046	5.61E-04	3.6E-05	0.00806	2.6E-07	0.00866	6.87E-04	4.37E-05	0.00993	1.44E-07	1.07E-02	0.000606	3.36E-05	0.01891	1.49E-07	0.01955
1698	494911.06	3858901.99	0.2881	0.38791	0.35129	0.22157	5.41E-04	3.4E-05	0.00763	2.5E-07	0.0082	6.63E-04	4.17E-05	0.009395	1.39E-07	1.01E-02	0.000585	3.21E-05	0.017891	1.43E-07	0.018509
1699	494961.06	3858901.99	0.28358	0.37461	0.34443	0.21698	5.33E-04	3.3E-05	0.00748	2.4E-07	0.00805	6.53E-04	4.03E-05	0.009212	1.36E-07	9.91E-03	0.000576	3.1E-05	0.017542	1.4E-07	0.018149
1700	495011.06	3858901.99	0.27916	0.36198	0.33951	0.21378	5.25E-04	3.2E-05	0.00737	2.4E-07	0.00793	6.43E-04	3.89E-05	0.00908	1.34E-07	9.76E-03	0.000567	2.99E-05	0.017291	1.38E-07	0.017888
1701	495061.06	3858901.99	0.27002	0.34593	0.32624	0.21056	5.07E-04	3E-05	0.00708	2.4E-07	0.00762	6.22E-04	3.72E-05	0.008726	1.32E-07	9.38E-03	0.000548	2.86E-05	0.016616	1.36E-07	0.017193
1702	495111.06	3858901.99	0.25196	0.33224	0.3098	0.20629	4.73E-04	2.9E-05	0.00673	2.3E-07	0.00723	5.80E-04	3.57E-05	0.008286	1.29E-07	8.90E-03	0.000512	2.75E-05	0.015778	1.33E-07	0.016317
1703	495161.06	3858901.99	0.24818	0.31716	0.30563	0.20444	4.66E-04	2.8E-05	0.00664	2.3E-07	0.00713	5.72E-04	3.41E-05	0.008174	1.28E-07	8.78E-03	0.000504	2.62E-05	0.015566	1.32E-07	0.016096
1704	495211.06	3858901.99	0.24875	0.3237	0.31303	0.20427	4.67E-04	2.8E-05	0.0068	2.3E-07	0.00729	5.73E-04	3.48E-05	0.008372	1.28E-07	8.98E-03	0.000505	2.68E-05	0.015943	1.32E-07	0.016475

1705	495261.06	3858901.99	0.24727	0.31827	0.31538	0.20321	4.65E-04	2.8E-05	0.00685	2.3E-07	0.00734	5.69E-04	3.42E-05	0.008435	1.27E-07	9.04E-03	0.000502	2.63E-05	0.016062	1.31E-07	0.016591
1706	495311.06	3858901.99	0.24727	0.31074	0.31662	0.20188	4.65E-04	2.7E-05	0.00688	2.3E-07	0.00737	5.69E-04	3.34E-05	0.008468	1.26E-07	9.07E-03	0.000502	2.57E-05	0.016126	1.3E-07	0.016654
1707	495361.06	3858901.99	0.24767	0.30798	0.31162	0.20064	4.65E-04	2.7E-05	0.00677	2.2E-07	0.00726	5.70E-04	3.31E-05	0.008334	1.25E-07	8.94E-03	0.000503	2.55E-05	0.015871	1.3E-07	0.016399
1708	495411.06	3858901.99	0.25008	0.31925	0.31025	0.19986	4.70E-04	2.8E-05	0.00674	2.2E-07	0.00724	5.76E-04	3.43E-05	0.008298	1.25E-07	8.91E-03	0.000508	2.64E-05	0.015801	1.29E-07	0.016335
1709	495461.06	3858901.99	0.24918	0.32274	0.30534	0.19831	4.68E-04	2.8E-05	0.00663	2.2E-07	0.00713	5.74E-04	3.47E-05	0.008167	1.24E-07	8.78E-03	0.000506	2.67E-05	0.015551	1.28E-07	0.016084
1710	495511.06	3858901.99	0.24641	0.31974	0.29686	0.19637	4.63E-04	2.8E-05	0.00645	2.2E-07	0.00694	5.67E-04	3.44E-05	0.00794	1.23E-07	8.54E-03	0.0005	2.64E-05	0.015119	1.27E-07	0.015646
1711	495561.06	3858901.99	0.2446	0.31664	0.29152	0.19467	4.60E-04	2.8E-05	0.00633	2.2E-07	0.00682	5.63E-04	3.4E-05	0.007797	1.22E-07	8.39E-03	0.000497	2.62E-05	0.014847	1.26E-07	0.01537
1712	495611.06	3858901.99	0.24122	0.31293	0.28468	0.19266	4.53E-04	2.7E-05	0.00618	2.2E-07	0.00666	5.55E-04	3.36E-05	0.007614	1.2E-07	8.20E-03	0.00049	2.59E-05	0.014499	1.24E-07	0.015015
1713	495661.06	3858901.99	0.24262	0.31276	0.28477	0.1925	4.56E-04	2.7E-05	0.00618	2.2E-07	0.00667	5.59E-04	3.36E-05	0.007616	1.2E-07	8.21E-03	0.000493	2.59E-05	0.014503	1.24E-07	0.015022
1714	494311.06	3858951.99	0.36987	0.52618	0.46897	0.27999	6.95E-04	4.6E-05	0.01018	3.1E-07	0.01093	8.52E-04	5.66E-05	0.012543	1.75E-07	1.35E-02	0.000751	4.35E-05	0.023885	1.81E-07	0.02468
1715	494361.06	3858951.99	0.38406	0.536	0.47664	0.28562	7.22E-04	4.7E-05	0.01035	3.2E-07	0.01112	8.84E-04	5.76E-05	0.012748	1.79E-07	1.37E-02	0.00078	4.43E-05	0.024276	1.85E-07	0.0251
1716	494411.06	3858951.99	0.37975	0.53365	0.47311	0.28006	7.14E-04	4.7E-05	0.01027	3.1E-07	0.01103	8.74E-04	5.74E-05	0.012654	1.75E-07	1.36E-02	0.000771	4.41E-05	0.024096	1.81E-07	0.024911
1717	494461.06	3858951.99	0.37333	0.54058	0.475	0.28248	7.02E-04	4.7E-05	0.01032	3.2E-07	0.01106	8.60E-04	5.81E-05	0.012704	1.77E-07	1.36E-02	0.000758	4.47E-05	0.024192	1.82E-07	0.024995
1718	494511.06	3858951.99	0.36452	0.54103	0.4733	0.2767	6.85E-04	4.7E-05	0.01028	3.1E-07	0.01101	8.39E-04	5.82E-05	0.012659	1.73E-07	1.36E-02	0.00074	4.47E-05	0.024105	1.79E-07	0.02489
1719	494561.06	3858951.99	0.35815	0.53444	0.46518	0.27064	6.73E-04	4.7E-05	0.0101	3E-07	0.01082	8.25E-04	5.75E-05	0.012442	1.69E-07	1.33E-02	0.000727	4.42E-05	0.023692	1.75E-07	0.024463
1720	494611.06	3858951.99	0.34772	0.5156	0.45379	0.25822	6.53E-04	4.5E-05	0.00985	2.9E-07	0.01055	8.01E-04	5.54E-05	0.012137	1.62E-07	1.30E-02	0.000706	4.26E-05	0.023112	1.67E-07	0.023861
1721	494661.06	3858951.99	0.33814	0.48971	0.44202	0.25333	6.35E-04	4.3E-05	0.0096	2.8E-07	0.01028	7.79E-04	5.26E-05	0.011822	1.58E-07	1.27E-02	0.000687	4.05E-05	0.022512	1.64E-07	0.02324
1722	494711.06	3858951.99	0.32605	0.46236	0.42296	0.24082	6.13E-04	4.1E-05	0.00919	2.7E-07	0.00984	7.51E-04	4.97E-05	0.011312	1.51E-07	1.21E-02	0.000662	3.82E-05	0.021542	1.56E-07	0.022242
1723	494761.06	3858951.99	0.31989	0.4518	0.40971	0.23363	6.01E-04	4E-05	0.0089	2.6E-07	0.00954	7.37E-04	4.86E-05	0.010958	1.46E-07	1.17E-02	0.000649	3.74E-05	0.020867	1.51E-07	0.021554
1724	494811.06	3858951.99	0.31596	0.44359	0.40147	0.233	5.94E-04	3.9E-05	0.00872	2.6E-07	0.00935	7.28E-04	4.77E-05	0.010738	1.46E-07	1.15E-02	0.000642	3.67E-05	0.020447	1.51E-07	0.021125
1725	494861.06	3858951.99	0.31039	0.43453	0.39298	0.23231	5.83E-04	3.8E-05	0.00853	2.6E-07	0.00916	7.15E-04	4.67E-05	0.010511	1.45E-07	1.13E-02	0.00063	3.59E-05	0.020015	1.5E-07	0.020681
1726	494911.06	3858951.99	0.29761	0.42133	0.37867	0.22495	5.59E-04	3.7E-05	0.00822	2.5E-07	0.00882	6.85E-04	4.53E-05	0.010128	1.41E-07	1.09E-02	0.000604	3.48E-05	0.019286	1.45E-07	0.019925
1727	494961.06	3858951.99	0.29523	0.41293	0.37275	0.22507	5.55E-04	3.6E-05	0.00809	2.5E-07	0.00869	6.80E-04	4.44E-05	0.009969	1.41E-07	1.07E-02	0.000599	3.41E-05	0.018984	1.45E-07	0.019618
1728	495011.06	3858951.99	0.2825	0.3779	0.34835	0.21945	5.31E-04	3.3E-05	0.00756	2.5E-07	0.00813	6.51E-04	4.06E-05	0.009317	1.37E-07	1.00E-02	0.000574	3.13E-05	0.017742	1.42E-07	0.018347
1729	495061.06	3858951.99	0.27013	0.35455	0.32763	0.21165	5.08E-04	3.1E-05	0.00711	2.4E-07	0.00765	6.22E-04	3.81E-05	0.008763	1.32E-07	9.42E-03	0.000548	2.93E-05	0.016686	1.37E-07	0.017264
1730	495111.06	3858951.99	0.25634	0.34038	0.31995	0.20819	4.82E-04	3E-05	0.00695	2.3E-07	0.00746	5.90E-04	3.66E-05	0.008557	1.3E-07	9.18E-03	0.00052	2.81E-05	0.016295	1.34E-07	0.016844
1731	495161.06	3858951.99	0.26868	0.3488	0.32254	0.20858	5.05E-04	3.1E-05	0.007	2.3E-07	0.00754	6.19E-04	3.75E-05	0.008627	1.3E-07	9.28E-03	0.000546	2.88E-05	0.016427	1.35E-07	0.017002
1732	495211.06	3858951.99	0.2679	0.35015	0.32709	0.20762	5.03E-04	3.1E-05	0.0071	2.3E-07	0.00764	6.17E-04	3.76E-05	0.008748	1.3E-07	9.40E-03	0.000544	2.9E-05	0.016659	1.34E-07	0.017232
1733	495261.06	3858951.99	0.26498	0.34597	0.32577	0.20664	4.98E-04	3E-05	0.00707	2.3E-07	0.0076	6.10E-04	3.72E-05	0.008713	1.29E-07	9.36E-03	0.000538	2.86E-05	0.016592	1.33E-07	0.017158
1734	495311.06	3858951.99	0.25762	0.34072	0.32362	0.20458	4.84E-04	3E-05	0.00703	2.3E-07	0.00754	5.93E-04	3.66E-05	0.008655	1.28E-07	9.29E-03	0.000523	2.82E-05	0.016482	1.32E-07	0.017034
1735	495361.06	3858951.99	0.25674	0.3454	0.32971	0.20373	4.82E-04	3E-05	0.00716	2.3E-07	0.00767	5.91E-04	3.71E-05	0.008818	1.27E-07	9.45E-03	0.000521	2.86E-05	0.016792	1.32E-07	0.017342
1736	495411.06	3858951.99	0.25958	0.34599	0.33637	0.20308	4.88E-04	3E-05	0.0073	2.3E-07	0.00782	5.98E-04	3.72E-05	0.008996	1.27E-07	9.63E-03	0.000527	2.86E-05	0.017132	1.31E-07	0.017687
1737	495461.06	3858951.99	0.2593	0.3372	0.33322	0.20175	4.87E-04	3E-05	0.00724	2.3E-07	0.00775	5.97E-04	3.62E-05	0.008912	1.26E-07	9.55E-03	0.000526	2.79E-05	0.016971	1.3E-07	0.017526
1738	495511.06	3858951.99	0.26081	0.33385	0.33114	0.2008	4.90E-04	2.9E-05	0.00719	2.2E-07	0.00771	6.01E-04	3.59E-05	0.008857	1.26E-07	9.49E-03	0.00053	2.76E-05	0.016865	1.3E-07	0.017422
1739	495561.06	3858951.99	0.25456	0.32213	0.31833	0.19818	4.78E-04	2.8E-05	0.00691	2.2E-07	0.00742	5.86E-04	3.46E-05	0.008514	1.24E-07	9.13E-03	0.000517	2.66E-05	0.016213	1.28E-07	0.016756
1740	495611.06	3858951.99	0.25176	0.32033	0.30989	0.1963	4.73E-04	2.8E-05	0.00673	2.2E-07	0.00723	5.80E-04	3.44E-05	0.008288	1.23E-07	8.90E-03	0.000511	2.65E-05	0.015783	1.27E-07	0.016321
1741	495661.06	3858951.99	0.25342	0.32156	0.30949	0.19542	4.76E-04	2.8E-05	0.00672	2.2E-07	0.00723	5.84E-04	3.46E-05	0.008278	1.22E-07	8.90E-03	0.000515	2.66E-05	0.015763	1.26E-07	0.016304
1742	494311.06	3859001.99	0.39247	0.57815	0.48703	0.29561	7.38E-04	5.1E-05	0.01058	3.3E-07	0.01136	9.04E-04	6.22E-05	0.013026	1.85E-07	1.40E-02	0.000797	4.78E-05	0.024805	1.91E-07	0.02565
1743	494361.06	3859001.99	0.39658	0.57115	0.48963	0.29522	7.45E-04	5E-05	0.01063	3.3E-07	0.01143	9.13E-04	6.14E-05	0.013095	1.85E-07	1.41E-02	0.000805	4.72E-05	0.024937	1.91E-07	0.02579
1744	494411.06	3859001.99	0.40167	0.56216	0.49083	0.29593	7.55E-04	4.9E-05	0.01066	3.3E-07	0.01146	9.25E-04	6.04E-05	0.013128	1.85E-07	1.41E-02	0.000816	4.65E-05	0.024998	1.91E-07	0.02586
1745	494461.06	3859001.99	0.40231	0.54865	0.4904	0.29455	7.56E-04	4.8E-05	0.01065	3.3E-07	0.01145	9.26E-04	5.9E-05	0.013116	1.84E-07	1.41E-02	0.000817	4.54E-05	0.024976	1.9E-07	0.025839
1746	494511.06	3859001.99	0.39235	0.54415	0.48952	0.29199	7.37E-04	4.8E-05	0.01063	3.3E-07	0.01142	9.04E-04	5.85E-05	0.013093	1.83E-07	1.41E-02	0.000797	4.5E-05	0.024932	1.89E-07	0.025773
1747	494561.06	3859001.99	0.37599	0.53499	0.47873	0.28128	7.07E-04	4.7E-05	0.0104	3.1E-07	0.01115	8.66E-04	5.75E-05	0.012804	1.76E-07	1.37E-02	0.000763	4.42E-05	0.024382	1.82E-07	0.02519
1748	494611.06	3859001.99	0.36001	0.51825	0.46871	0.27539	6.77E-04	4.5E-05	0.01018	3.1E-07	0.0109	8.29E-04	5.57E-05	0.012536	1.72E-07	1.34E-02	0.000731	4.29E-05	0.023872	1.78E-07	0.024646
1749	494661.06	3859001.99	0.34679	0.50531	0.45811	0.26353	6.52E-04	4.4E-05	0.00995	2.9E-07	0.01064	7.99E-04	5.43E-05	0.012252	1.65E-07	1.31E-02	0.000704	4.18E-05	0.023332	1.7E-07	0.024078
1750	494711.06	3859001.99	0.33279	0.48709	0.43805	0.2495	6.25E-04	4.3E-05	0.00951	2.8E-07	0.01018	7.66E-04	5.24E-05	0.011716	1.56E-07	1.25E-02	0.000676	4.03E-05	0.02231	1.61E-07	0.023026
1751	494761.06	3859001.99	0.32674	0.47764	0.42767	0.24358	6.14E-04	4.2E-05	0.00929	2.7E-07	0.00994	7.52E-04	5.13E-05	0.011438	1.52E-07	1.22E-02	0.000663	3.95E-05	0.021781	1.57E-07	0.022485
1752	494811.06	3859001.99	0.32464	0.47463	0.42353	0.24057	6.10E-04	4.2E-05	0.0092	2.7E-07	0.00985	7.48E-04	5.1E-05	0.011328	1.5E-07	1.21E-02	0.000659	3.93E-05	0.021571	1.55E-07	0.022269
1753	494861.06	3859001.99	0.31946	0.4551	0.4124	0.23399	6.00E-04	4E-05	0.00896	2.6E-07	0.0096	7.36E-04	4.89E-05	0.01103	1.46E-07	1.18E-02	0.000649	3.76E-05	0.021004	1.51E-07	0.02169
1754	494911.06	3859001.99	0.31369	0.43888	0.39999	0.23042	5.89E-04	3.9E-05	0.00869	2.6E-07	0.00931	7.22E-04	4.72E-05	0.010698	1.44E-07	1.15E-02	0.000637	3.63E-05	0.020372	1.49E-07	0.021045
1755	494961.06	3859001.99	0.30492	0.42596	0.38701	0.23368	5.73E-04	3.7E-05	0.0084	2.6E-07	0.00901	7.02E-04	4.58E-05	0.010351	1.46E-07	1.11E-02	0.000619	3.52E-05	0.019711	1.51E-07	0.020365
1756	495011.06	3859001.99	0.27582	0.38054	0.34591	0.21527	5.18E-04	3.3E-05	0.00751	2.4E-07	0.00806	6.35E-04	4.09E-05	0.009252	1.35E-07	9.93E-03	0.00056	3.15E-05	0.017617	1.39E-07	0.018209
1757	495061.06	3859001.99	0.27359	0.37304	0.34054	0.21338	5.14E-04	3.3E-05	0.0074	2.4E-07	0.00794	6.30E-04	4.01E-05	0.009108	1.33E-07	9.78E-03	0.000555	3.08E-05	0.017344	1.38E-07	0.01793
1758	495111.06	3859001.99	0.26345	0.35816	0.3299	0.20972	4.95E-04	3.1E-05	0.00716	2.3E-07	0.00769	6.07E-04	3.85E-05	0.008823	1.31E-07	9.47E-03	0.000535	2.96E-05	0.016802	1.35E-07	0.017367
1759	495161.06	3859001.99	0.27601	0.36578	0.34199	0.21136	5.19E-04	3.2E-05	0.00743	2.4E-07	0.00798	6.36E-04	3.93E-05	0.009147	1.32E-07	9.82E-03	0.00056	3.02E-05	0.017418	1.37E-07	0.018009
1760	495211.06	3859001.99	0.27617	0.36254	0.34051	0.21181	5.19E-04	3.2E-05	0.00739	2.4E-07	0.00795	6.36E-04	3.9E-05	0.009107	1.32E-07	9.78E-03	0.000561	3E-05	0.017342	1.37E-07	0.017933
1761	495261.06	3859001.99	0.27828	0.36667	0.34228	0.21406	5.23E-04	3.2E-05	0.00743	2.4E-07	0.00799	6.41E-04	3.94E-05	0.009155	1.34E-07	9.83E-03	0.000565	3.03E-05	0.017433	1.38E-07	0.018028
1762	495311.06	3859001.99	0.27782	0.36379	0.33987	0.21222	5.22E-04	3.2E-05	0.00738	2.4E-07	0.00793	6.40E-04	3.91E-05	0.00909	1.33E-07	9.77E-03	0.000564	3.01E-05	0.01731	1.37E-07	0.017904
1763	495361.06	3859001.99	0.27568	0.36695	0.34207	0.21188	5.18E-04	3.2E-05	0.00743	2.4E-07	0.00798	6.35E-04	3.94E-05	0.009149	1.33E-07	9.82E-03	0.00056	3.03E-05	0.017422	1.37E-07	0.018012
1764	495411.06	3859001.99	0.27179	0.36663	0.34221	0.21072	5.11E-04	3.2E-05	0.00743	2.4E-07	0.00797	6.26E-04	3.94E-05	0.009153	1.32E-07	9.82E-03	0.000552	3.03E-05	0.017429	1.36E-07	0.018011
1765	495461.06	3859001.99	0.27056	0.36825	0.34306	0.20987	5.08E-04	3.2E-05	0.00745	2.3E-07	0.00799	6.23E-04	3.96E-05	0.009175	1.31E-07	9.84E-03	0.000549	3.05E-05	0.017472	1.36E-07	0.018052

1766	495511.06	3859001.99	0.26612	0.3558	0.33702	0.20543	5.00E-04	3.1E-05	0.00732	2.3E-07	0.00785	6.13E-04	3.82E-05	0.009014	1.28E-07	9.67E-03	0.00054	2.94E-05	0.017165	1.33E-07	0.017735
1767	495561.06	3859001.99	0.26448	0.35183	0.33813	0.2028	4.97E-04	3.1E-05	0.00734	2.3E-07	0.00787	6.09E-04	3.78E-05	0.009044	1.27E-07	9.69E-03	0.000537	2.91E-05	0.017221	1.31E-07	0.017787
1768	495611.06	3859001.99	0.26235	0.34679	0.33825	0.19986	4.93E-04	3E-05	0.00735	2.2E-07	0.00787	6.04E-04	3.73E-05	0.009047	1.25E-07	9.69E-03	0.000533	2.87E-05	0.017227	1.29E-07	0.017789
1769	495661.06	3859001.99	0.26695	0.35175	0.34025	0.20134	5.02E-04	3.1E-05	0.00739	2.2E-07	0.00792	6.15E-04	3.78E-05	0.0091	1.26E-07	9.75E-03	0.000542	2.91E-05	0.017329	1.3E-07	0.0179
1770	494311.06	3859051.99	0.41795	0.59298	0.49445	0.30451	7.85E-04	5.2E-05	0.01074	3.4E-07	0.01158	9.62E-04	6.37E-05	0.013224	1.9E-07	1.43E-02	0.000849	4.9E-05	0.025183	1.97E-07	0.02608
1771	494361.06	3859051.99	0.41445	0.59343	0.50245	0.30967	7.79E-04	5.2E-05	0.01091	3.5E-07	0.01174	9.54E-04	6.38E-05	0.013438	1.94E-07	1.45E-02	0.000841	4.91E-05	0.02559	2E-07	0.026481
1772	494411.06	3859051.99	0.4126	0.58664	0.50335	0.30698	7.75E-04	5.1E-05	0.01093	3.4E-07	0.01176	9.50E-04	6.31E-05	0.013462	1.92E-07	1.45E-02	0.000838	4.85E-05	0.025636	1.98E-07	0.026522
1773	494461.06	3859051.99	0.40904	0.57638	0.4997	0.3028	7.69E-04	5.1E-05	0.01085	3.4E-07	0.01167	9.42E-04	6.2E-05	0.013365	1.89E-07	1.44E-02	0.000831	4.77E-05	0.02545	1.96E-07	0.026328
1774	494511.06	3859051.99	0.40249	0.56184	0.49298	0.29616	7.56E-04	4.9E-05	0.01071	3.3E-07	0.01151	9.27E-04	6.04E-05	0.013185	1.85E-07	1.42E-02	0.000817	4.65E-05	0.025108	1.91E-07	0.025972
1775	494561.06	3859051.99	0.39776	0.54626	0.48774	0.29115	7.47E-04	4.8E-05	0.01059	3.3E-07	0.01139	9.16E-04	5.87E-05	0.013045	1.82E-07	1.40E-02	0.000808	4.52E-05	0.024841	1.88E-07	0.025694
1776	494611.06	3859051.99	0.38738	0.52541	0.47819	0.2859	7.28E-04	4.6E-05	0.01038	3.2E-07	0.01116	8.92E-04	5.65E-05	0.01279	1.79E-07	1.37E-02	0.000787	4.35E-05	0.024354	1.85E-07	0.025185
1777	494661.06	3859051.99	0.37089	0.50634	0.4677	0.27351	6.97E-04	4.4E-05	0.01016	3.1E-07	0.0109	8.54E-04	5.44E-05	0.012509	1.71E-07	1.34E-02	0.000753	4.19E-05	0.02382	1.77E-07	0.024615
1778	494711.06	3859051.99	0.35471	0.48931	0.46026	0.26469	6.67E-04	4.3E-05	0.01	3E-07	0.0107	8.17E-04	5.26E-05	0.01231	1.66E-07	1.32E-02	0.00072	4.05E-05	0.023441	1.71E-07	0.024202
1779	494761.06	3859051.99	0.33802	0.47707	0.45208	0.25782	6.35E-04	4.2E-05	0.00982	2.9E-07	0.01049	7.78E-04	5.13E-05	0.012091	1.61E-07	1.29E-02	0.000686	3.95E-05	0.023025	1.67E-07	0.023751
1780	494811.06	3859051.99	0.33033	0.47089	0.4432	0.2517	6.21E-04	4.1E-05	0.00962	2.8E-07	0.01029	7.61E-04	5.06E-05	0.011854	1.57E-07	1.27E-02	0.000671	3.89E-05	0.022572	1.63E-07	0.023282
1781	494861.06	3859051.99	0.32569	0.46316	0.43314	0.2437	6.12E-04	4.1E-05	0.00941	2.7E-07	0.01006	7.50E-04	4.98E-05	0.011585	1.52E-07	1.24E-02	0.000661	3.83E-05	0.02206	1.57E-07	0.02276
1782	494911.06	3859051.99	0.31886	0.44834	0.41576	0.23775	5.99E-04	3.9E-05	0.00903	2.7E-07	0.00967	7.34E-04	4.82E-05	0.01112	1.49E-07	1.19E-02	0.000647	3.71E-05	0.021175	1.54E-07	0.02186
1783	494961.06	3859051.99	0.30752	0.42541	0.38927	0.22904	5.78E-04	3.7E-05	0.00845	2.6E-07	0.00907	7.08E-04	4.57E-05	0.010411	1.43E-07	1.12E-02	0.000624	3.52E-05	0.019826	1.48E-07	0.020485
1784	495011.06	3859051.99	0.29562	0.40975	0.37128	0.22279	5.56E-04	3.6E-05	0.00806	2.5E-07	0.00865	6.81E-04	4.4E-05	0.00993	1.39E-07	1.07E-02	0.0006	3.39E-05	0.01891	1.44E-07	0.019544
1785	495061.06	3859051.99	0.28558	0.39661	0.36041	0.21862	5.37E-04	3.5E-05	0.00783	2.4E-07	0.0084	6.58E-04	4.26E-05	0.009639	1.37E-07	1.03E-02	0.00058	3.28E-05	0.018356	1.41E-07	0.018969
1786	495111.06	3859051.99	0.27877	0.39219	0.35626	0.2163	5.24E-04	3.4E-05	0.00774	2.4E-07	0.0083	6.42E-04	4.22E-05	0.009528	1.35E-07	1.02E-02	0.000566	3.24E-05	0.018145	1.4E-07	0.018743
1787	495161.06	3859051.99	0.28377	0.39754	0.36628	0.21779	5.33E-04	3.5E-05	0.00795	2.4E-07	0.00852	6.53E-04	4.27E-05	0.009796	1.36E-07	1.05E-02	0.000576	3.29E-05	0.018655	1.41E-07	0.019264
1788	495211.06	3859051.99	0.28127	0.38939	0.36007	0.21489	5.29E-04	3.4E-05	0.00782	2.4E-07	0.00838	6.48E-04	4.19E-05	0.00963	1.34E-07	1.03E-02	0.000571	3.22E-05	0.018339	1.39E-07	0.018942
1789	495261.06	3859051.99	0.28526	0.39207	0.36555	0.21524	5.36E-04	3.4E-05	0.00794	2.4E-07	0.00851	6.57E-04	4.21E-05	0.009777	1.35E-07	1.05E-02	0.000579	3.24E-05	0.018618	1.39E-07	0.019229
1790	495311.06	3859051.99	0.28434	0.3886	0.36198	0.21306	5.34E-04	3.4E-05	0.00786	2.4E-07	0.00843	6.55E-04	4.18E-05	0.009681	1.33E-07	1.04E-02	0.000577	3.21E-05	0.018436	1.38E-07	0.019045
1791	495361.06	3859051.99	0.28536	0.39016	0.36169	0.21187	5.36E-04	3.4E-05	0.00785	2.4E-07	0.00843	6.57E-04	4.19E-05	0.009674	1.33E-07	1.04E-02	0.000579	3.23E-05	0.018421	1.37E-07	0.019033
1792	495411.06	3859051.99	0.28772	0.39205	0.36244	0.21124	5.41E-04	3.4E-05	0.00787	2.4E-07	0.00845	6.63E-04	4.21E-05	0.009694	1.32E-07	1.04E-02	0.000584	3.24E-05	0.018459	1.36E-07	0.019076
1793	495461.06	3859051.99	0.28898	0.3927	0.36459	0.21347	5.43E-04	3.4E-05	0.00792	2.4E-07	0.0085	6.65E-04	4.22E-05	0.009751	1.34E-07	1.05E-02	0.000587	3.25E-05	0.018569	1.38E-07	0.019188
1794	495511.06	3859051.99	0.28048	0.38511	0.35498	0.21308	5.27E-04	3.4E-05	0.00771	2.4E-07	0.00827	6.46E-04	4.14E-05	0.009494	1.33E-07	1.02E-02	0.000569	3.18E-05	0.018079	1.38E-07	0.018681
1795	495561.06	3859051.99	0.27535	0.37819	0.34993	0.21331	5.17E-04	3.3E-05	0.0076	2.4E-07	0.00815	6.34E-04	4.07E-05	0.009359	1.33E-07	1.00E-02	0.000559	3.13E-05	0.017822	1.38E-07	0.018413
1796	495611.06	3859051.99	0.27288	0.36995	0.34761	0.21059	5.13E-04	3.2E-05	0.00755	2.4E-07	0.00809	6.28E-04	3.98E-05	0.009297	1.32E-07	9.97E-03	0.000554	3.06E-05	0.017704	1.36E-07	0.018289
1797	495661.06	3859051.99	0.27683	0.37285	0.35283	0.21187	5.20E-04	3.3E-05	0.00766	2.4E-07	0.00822	6.37E-04	4.01E-05	0.009437	1.33E-07	1.01E-02	0.000562	3.08E-05	0.01797	1.37E-07	0.018563
1798	494311.06	3859101.99	0.44269	0.59764	0.50919	0.32783	8.32E-04	5.2E-05	0.01106	3.7E-07	0.01194	1.02E-03	6.42E-05	0.013619	2.05E-07	1.47E-02	0.000899	4.94E-05	0.025933	2.12E-07	0.026882
1799	494361.06	3859101.99	0.43797	0.597	0.50611	0.32611	8.23E-04	5.2E-05	0.01099	3.6E-07	0.01187	1.01E-03	6.42E-05	0.013536	2.04E-07	1.46E-02	0.000889	4.94E-05	0.025776	2.11E-07	0.026715
1800	494411.06	3859101.99	0.42878	0.59752	0.50205	0.32621	8.06E-04	5.2E-05	0.0109	3.6E-07	0.01176	9.87E-04	6.42E-05	0.013428	2.04E-07	1.45E-02	0.000871	4.94E-05	0.02557	2.11E-07	0.02649
1801	494461.06	3859101.99	0.4188	0.59119	0.50121	0.31992	7.87E-04	5.2E-05	0.01088	3.6E-07	0.01172	9.64E-04	6.36E-05	0.013405	2E-07	1.44E-02	0.00085	4.89E-05	0.025527	2.07E-07	0.026426
1802	494511.06	3859101.99	0.41018	0.58123	0.49468	0.30924	7.71E-04	5.1E-05	0.01074	3.5E-07	0.01156	9.45E-04	6.25E-05	0.013231	1.93E-07	1.42E-02	0.000833	4.81E-05	0.025194	2E-07	0.026075
1803	494561.06	3859101.99	0.40448	0.57121	0.4913	0.30296	7.60E-04	5E-05	0.01067	3.4E-07	0.01148	9.31E-04	6.14E-05	0.01314	1.89E-07	1.41E-02	0.000821	4.72E-05	0.025022	1.96E-07	0.025891
1804	494611.06	3859101.99	0.39201	0.55469	0.47963	0.29094	7.37E-04	4.9E-05	0.01042	3.3E-07	0.0112	9.03E-04	5.96E-05	0.012828	1.82E-07	1.38E-02	0.000796	4.59E-05	0.024428	1.88E-07	0.02527
1805	494661.06	3859101.99	0.38623	0.53932	0.4756	0.28549	7.26E-04	4.7E-05	0.01033	3.2E-07	0.0111	8.89E-04	5.8E-05	0.01272	1.79E-07	1.37E-02	0.000784	4.46E-05	0.024223	1.84E-07	0.025052
1806	494711.06	3859101.99	0.3706	0.51517	0.46163	0.27614	6.96E-04	4.5E-05	0.01002	3.1E-07	0.01077	8.53E-04	5.54E-05	0.012347	1.73E-07	1.33E-02	0.000752	4.26E-05	0.023511	1.78E-07	0.024306
1807	494761.06	3859101.99	0.36904	0.5063	0.46212	0.27293	6.94E-04	4.4E-05	0.01004	3E-07	0.01077	8.50E-04	5.44E-05	0.01236	1.71E-07	1.33E-02	0.000749	4.19E-05	0.023536	1.76E-07	0.024327
1808	494811.06	3859101.99	0.35361	0.48296	0.45391	0.26269	6.65E-04	4.2E-05	0.00986	2.9E-07	0.01056	8.14E-04	5.19E-05	0.01214	1.64E-07	1.30E-02	0.000718	3.99E-05	0.023118	1.7E-07	0.023876
1809	494861.06	3859101.99	0.33882	0.48059	0.44723	0.25625	6.37E-04	4.2E-05	0.00971	2.9E-07	0.01039	7.80E-04	5.17E-05	0.011961	1.6E-07	1.28E-02	0.000688	3.97E-05	0.022778	1.66E-07	0.023506
1810	494911.06	3859101.99	0.3237	0.46217	0.43231	0.24686	6.08E-04	4.1E-05	0.00939	2.8E-07	0.01004	7.45E-04	4.97E-05	0.011562	1.54E-07	1.24E-02	0.000657	3.82E-05	0.022018	1.59E-07	0.022713
1811	494961.06	3859101.99	0.31222	0.44021	0.40379	0.23071	5.87E-04	3.9E-05	0.00877	2.6E-07	0.00939	7.19E-04	4.73E-05	0.0108	1.44E-07	1.16E-02	0.000634	3.64E-05	0.020565	1.49E-07	0.021236
1812	495011.06	3859101.99	0.29261	0.40499	0.3745	0.22277	5.50E-04	3.6E-05	0.00813	2.5E-07	0.00872	6.74E-04	4.35E-05	0.010016	1.39E-07	1.07E-02	0.000594	3.35E-05	0.019073	1.44E-07	0.019701
1813	495061.06	3859101.99	0.29851	0.40351	0.38102	0.22376	5.61E-04	3.5E-05	0.00827	2.5E-07	0.00887	6.87E-04	4.34E-05	0.010191	1.4E-07	1.09E-02	0.000606	3.34E-05	0.019406	1.45E-07	0.020045
1814	495111.06	3859101.99	0.29555	0.40283	0.37533	0.22295	5.55E-04	3.5E-05	0.00815	2.5E-07	0.00874	6.81E-04	4.33E-05	0.010038	1.39E-07	1.08E-02	0.0006	3.33E-05	0.019116	1.44E-07	0.019749
1815	495161.06	3859101.99	0.30109	0.41165	0.38446	0.22486	5.66E-04	3.6E-05	0.00835	2.5E-07	0.00895	6.93E-04	4.43E-05	0.010283	1.41E-07	1.10E-02	0.000611	3.4E-05	0.019581	1.45E-07	0.020226
1816	495211.06	3859101.99	0.29389	0.40876	0.38001	0.22315	5.52E-04	3.6E-05	0.00825	2.5E-07	0.00884	6.77E-04	4.39E-05	0.010164	1.4E-07	1.09E-02	0.000597	3.38E-05	0.019354	1.44E-07	0.019985
1817	495261.06	3859101.99	0.29221	0.41443	0.38363	0.2243	5.49E-04	3.6E-05	0.00833	2.5E-07	0.00892	6.73E-04	4.46E-05	0.01026	1.4E-07	1.10E-02	0.000593	3.43E-05	0.019538	1.45E-07	0.020166
1818	495311.06	3859101.99	0.29121	0.41226	0.38429	0.22325	5.47E-04	3.6E-05	0.00835	2.5E-07	0.00893	6.71E-04	4.43E-05	0.010278	1.4E-07	1.10E-02	0.000591	3.41E-05	0.019572	1.44E-07	0.020198
1819	495361.06	3859101.99	0.29336	0.41239	0.38723	0.22365	5.51E-04	3.6E-05	0.00841	2.5E-07	0.009	6.76E-04	4.43E-05	0.010357	1.4E-07	1.11E-02	0.000596	3.41E-05	0.019722	1.44E-07	0.020352
1820	495411.06	3859101.99	0.29474	0.41285	0.3868	0.22309	5.54E-04	3.6E-05	0.0084	2.5E-07	0.00899	6.79E-04	4.44E-05	0.010345	1.4E-07	1.11E-02	0.000598	3.41E-05	0.0197	1.44E-07	0.020333
1821	495461.06	3859101.99	0.29365	0.40857	0.38286	0.22299	5.52E-04	3.6E-05	0.00831	2.5E-07	0.0089	6.76E-04	4.39E-05	0.01024	1.39E-07	1.10E-02	0.000596	3.38E-05	0.019499	1.44E-07	0.020129
1822	495511.06	3859101.99	0.29388	0.40894	0.38009	0.22284	5.52E-04	3.6E-05	0.00825	2.5E-07	0.00884	6.77E-04	4.4E-05	0.010166	1.39E-07	1.09E-02	0.000597	3.38E-05	0.019358	1.44E-07	0.019989
1823	495561.06	3859101.99	0.2916	0.40565	0.37356	0.22246	5.48E-04	3.6E-05	0.00811	2.5E-07	0.0087	6.72E-04	4.36E-05	0.009991	1.39E-07	1.07E-02	0.000592	3.35E-05	0.019026	1.44E-07	0.019651
1824	495611.06	3859101.99	0.28717	0.3996	0.36755	0.21228	5.40E-04	3.5E-05	0.00798	2.4E-07	0.00856	6.61E-04	4.3E-05	0.00983	1.33E-07	1.05E-02	0.000583	3.3E-05	0.01872	1.37E-07	0.019336
1825	495661.06	3859101.99	0.28672	0.4013	0.36806	0.2213	5.39E-04	3.5E-05	0.00799	2.5E-07	0.00857	6.60E-04	4.31E-05	0.009844	1.38E-07	1.05E-02	0.000582	3.32E-05	0.018746	1.43E-07	0.019361
1826	494311.06	3859151.99	0.44819	0.59694	0.50783	0.3456	8.42E-04	5.2E-05	0.01103	3.9E-07	0.01192	1.03E-03	6.42E-05	0.013582	2.16E-07	1.47E-02	0.00091	4.94E-05	0.025864	2.23E-07	0.026824

1827	494361.06	3859151.99	0.44827	0.60282	0.51134	0.34517	8.42E-04	5.3E-05	0.0111	3.9E-07	0.012	1.03E-03	6.48E-05	0.013676	2.16E-07	1.48E-02	0.00091	4.99E-05	0.026043	2.23E-07	0.027003
1828	494411.06	3859151.99	0.44385	0.59883	0.50918	0.3397	8.34E-04	5.3E-05	0.01106	3.8E-07	0.01194	1.02E-03	6.44E-05	0.013618	2.12E-07	1.47E-02	0.000901	4.95E-05	0.025933	2.19E-07	0.026884
1829	494461.06	3859151.99	0.43797	0.59363	0.50618	0.33404	8.23E-04	5.2E-05	0.01099	3.7E-07	0.01187	1.01E-03	6.38E-05	0.013538	2.09E-07	1.46E-02	0.000889	4.91E-05	0.02578	2.16E-07	0.026719
1830	494511.06	3859151.99	0.42241	0.58241	0.49301	0.32222	7.94E-04	5.1E-05	0.01071	3.6E-07	0.01155	9.73E-04	6.26E-05	0.013186	2.02E-07	1.42E-02	0.000858	4.82E-05	0.025109	2.08E-07	0.026015
1831	494561.06	3859151.99	0.41093	0.5798	0.48568	0.31677	7.72E-04	5.1E-05	0.01055	3.5E-07	0.01137	9.46E-04	6.23E-05	0.01299	1.98E-07	1.40E-02	0.000834	4.79E-05	0.024736	2.05E-07	0.025618
1832	494611.06	3859151.99	0.39989	0.57194	0.481	0.30383	7.51E-04	5E-05	0.01045	3.4E-07	0.01125	9.21E-04	6.15E-05	0.012865	1.9E-07	1.38E-02	0.000812	4.73E-05	0.024498	1.96E-07	0.025357
1833	494661.06	3859151.99	0.39543	0.56372	0.47853	0.29872	7.43E-04	4.9E-05	0.01039	3.3E-07	0.01118	9.11E-04	6.06E-05	0.012799	1.87E-07	1.38E-02	0.000803	4.66E-05	0.024372	1.93E-07	0.025221
1834	494711.06	3859151.99	0.39233	0.55373	0.47645	0.29492	7.37E-04	4.9E-05	0.01035	3.3E-07	0.01113	9.03E-04	5.95E-05	0.012743	1.84E-07	1.37E-02	0.000797	4.58E-05	0.024266	1.91E-07	0.025108
1835	494761.06	3859151.99	0.379	0.53533	0.46886	0.28234	7.12E-04	4.7E-05	0.01018	3.2E-07	0.01094	8.73E-04	5.75E-05	0.01254	1.77E-07	1.35E-02	0.00077	4.43E-05	0.023879	1.82E-07	0.024693
1836	494811.06	3859151.99	0.36839	0.51693	0.45976	0.27685	6.92E-04	4.5E-05	0.00998	3.1E-07	0.01072	8.48E-04	5.56E-05	0.012297	1.73E-07	1.32E-02	0.000748	4.27E-05	0.023416	1.79E-07	0.024207
1837	494861.06	3859151.99	0.36353	0.508	0.45452	0.27257	6.83E-04	4.5E-05	0.00987	3E-07	0.0106	8.37E-04	5.46E-05	0.012156	1.7E-07	1.30E-02	0.000738	4.2E-05	0.023149	1.76E-07	0.023929
1838	494911.06	3859151.99	0.34839	0.47658	0.43884	0.2562	6.55E-04	4.2E-05	0.00953	2.9E-07	0.01023	8.02E-04	5.12E-05	0.011737	1.6E-07	1.26E-02	0.000707	3.94E-05	0.02235	1.65E-07	0.023097
1839	494961.06	3859151.99	0.32487	0.44848	0.41562	0.24438	6.10E-04	3.9E-05	0.00903	2.7E-07	0.00968	7.48E-04	4.82E-05	0.011116	1.53E-07	1.19E-02	0.00066	3.71E-05	0.021168	1.58E-07	0.021865
1840	495011.06	3859151.99	0.30341	0.42654	0.39063	0.2305	5.70E-04	3.7E-05	0.00848	2.6E-07	0.00909	6.99E-04	4.59E-05	0.010448	1.44E-07	1.12E-02	0.000616	3.53E-05	0.019895	1.49E-07	0.020546
1841	495061.06	3859151.99	0.30577	0.42928	0.39279	0.22682	5.75E-04	3.8E-05	0.00853	2.5E-07	0.00914	7.04E-04	4.61E-05	0.010505	1.42E-07	1.13E-02	0.000621	3.55E-05	0.020005	1.47E-07	0.020661
1842	495111.06	3859151.99	0.30521	0.42912	0.39205	0.2233	5.74E-04	3.8E-05	0.00851	2.5E-07	0.00913	7.03E-04	4.61E-05	0.010486	1.4E-07	1.12E-02	0.00062	3.55E-05	0.019967	1.44E-07	0.020623
1843	495161.06	3859151.99	0.30943	0.43093	0.40339	0.22632	5.81E-04	3.8E-05	0.00876	2.5E-07	0.00938	7.13E-04	4.63E-05	0.010789	1.42E-07	1.15E-02	0.000628	3.56E-05	0.020545	1.46E-07	0.021209
1844	495211.06	3859151.99	0.30914	0.43052	0.40604	0.22645	5.81E-04	3.8E-05	0.00882	2.5E-07	0.00944	7.12E-04	4.63E-05	0.01086	1.42E-07	1.16E-02	0.000628	3.56E-05	0.02068	1.46E-07	0.021343
1845	495261.06	3859151.99	0.30891	0.43052	0.40675	0.22624	5.81E-04	3.8E-05	0.00883	2.5E-07	0.00945	7.11E-04	4.63E-05	0.010879	1.41E-07	1.16E-02	0.000627	3.56E-05	0.020716	1.46E-07	0.021379
1846	495311.06	3859151.99	0.30847	0.43211	0.40609	0.22702	5.80E-04	3.8E-05	0.00882	2.5E-07	0.00944	7.10E-04	4.65E-05	0.010861	1.42E-07	1.16E-02	0.000626	3.57E-05	0.020682	1.47E-07	0.021345
1847	495361.06	3859151.99	0.30402	0.43261	0.4045	0.22725	5.71E-04	3.8E-05	0.00878	2.5E-07	0.00939	7.00E-04	4.65E-05	0.010819	1.42E-07	1.16E-02	0.000617	3.58E-05	0.020601	1.47E-07	0.021255
1848	495411.06	3859151.99	0.30678	0.43663	0.41109	0.23045	5.77E-04	3.8E-05	0.00893	2.6E-07	0.00954	7.06E-04	4.69E-05	0.010995	1.44E-07	1.17E-02	0.000623	3.61E-05	0.020937	1.49E-07	0.021596
1849	495461.06	3859151.99	0.30697	0.43733	0.40988	0.23078	5.77E-04	3.8E-05	0.0089	2.6E-07	0.00952	7.07E-04	4.7E-05	0.010963	1.44E-07	1.17E-02	0.000623	3.62E-05	0.020875	1.49E-07	0.021535
1850	495511.06	3859151.99	0.30289	0.43094	0.40154	0.22867	5.69E-04	3.8E-05	0.00872	2.6E-07	0.00933	6.97E-04	4.63E-05	0.010739	1.43E-07	1.15E-02	0.000615	3.56E-05	0.020451	1.48E-07	0.021101
1851	495561.06	3859151.99	0.30057	0.42658	0.39613	0.22645	5.65E-04	3.7E-05	0.0086	2.5E-07	0.0092	6.92E-04	4.59E-05	0.010595	1.42E-07	1.13E-02	0.00061	3.53E-05	0.020175	1.46E-07	0.020821
1852	495611.06	3859151.99	0.29886	0.4244	0.39186	0.22481	5.62E-04	3.7E-05	0.00851	2.5E-07	0.00911	6.88E-04	4.56E-05	0.010481	1.41E-07	1.12E-02	0.000607	3.51E-05	0.019958	1.45E-07	0.0206
1853	495661.06	3859151.99	0.29771	0.4221	0.38863	0.22284	5.59E-04	3.7E-05	0.00844	2.5E-07	0.00904	6.86E-04	4.54E-05	0.010394	1.39E-07	1.11E-02	0.000604	3.49E-05	0.019793	1.44E-07	0.020433
1854	494311.06	3859201.99	0.4508	0.59655	0.51973	0.35992	8.47E-04	5.2E-05	0.01129	4E-07	0.01219	1.04E-03	6.41E-05	0.013901	2.25E-07	1.50E-02	0.000915	4.93E-05	0.02647	2.32E-07	0.027435
1855	494361.06	3859201.99	0.44969	0.59157	0.52157	0.35829	8.45E-04	5.2E-05	0.01133	4E-07	0.01222	1.04E-03	6.36E-05	0.01395	2.24E-07	1.50E-02	0.000913	4.89E-05	0.026564	2.31E-07	0.027526
1856	494411.06	3859201.99	0.4468	0.58624	0.50537	0.35523	8.40E-04	5.1E-05	0.01097	4E-07	0.01187	1.03E-03	6.3E-05	0.013516	2.22E-07	1.46E-02	0.000907	4.85E-05	0.025739	2.29E-07	0.026695
1857	494461.06	3859201.99	0.44097	0.58126	0.4999	0.34531	8.29E-04	5.1E-05	0.01086	3.9E-07	0.01174	1.02E-03	6.25E-05	0.01337	2.16E-07	1.44E-02	0.000895	4.81E-05	0.02546	2.23E-07	0.026404
1858	494511.06	3859201.99	0.43776	0.58139	0.49955	0.34097	8.23E-04	5.1E-05	0.01085	3.8E-07	0.01172	1.01E-03	6.25E-05	0.013361	2.13E-07	1.44E-02	0.000889	4.81E-05	0.025442	2.2E-07	0.026379
1859	494561.06	3859201.99	0.43041	0.57213	0.49362	0.3312	8.09E-04	5E-05	0.01072	3.7E-07	0.01158	9.91E-04	6.15E-05	0.013202	2.07E-07	1.43E-02	0.000874	4.73E-05	0.02514	2.14E-07	0.026062
1860	494611.06	3859201.99	0.4177	0.57195	0.48967	0.32077	7.85E-04	5E-05	0.01063	3.6E-07	0.01147	9.62E-04	6.15E-05	0.013097	2.01E-07	1.41E-02	0.000848	4.73E-05	0.024939	2.07E-07	0.025835
1861	494661.06	3859201.99	0.40576	0.57043	0.47819	0.31403	7.63E-04	5E-05	0.01038	3.5E-07	0.0112	9.34E-04	6.13E-05	0.01279	1.96E-07	1.38E-02	0.000824	4.72E-05	0.024354	2.03E-07	0.025226
1862	494711.06	3859201.99	0.39743	0.56623	0.47534	0.30715	7.47E-04	5E-05	0.01032	3.4E-07	0.01112	9.15E-04	6.09E-05	0.012713	1.92E-07	1.37E-02	0.000807	4.68E-05	0.024209	1.98E-07	0.025063
1863	494761.06	3859201.99	0.38595	0.55602	0.46995	0.29369	7.25E-04	4.9E-05	0.01021	3.3E-07	0.01098	8.89E-04	5.98E-05	0.012569	1.84E-07	1.35E-02	0.000784	4.6E-05	0.023935	1.9E-07	0.024765
1864	494811.06	3859201.99	0.377	0.54392	0.46536	0.28473	7.08E-04	4.8E-05	0.01011	3.2E-07	0.01086	8.68E-04	5.85E-05	0.012446	1.78E-07	1.34E-02	0.000765	4.5E-05	0.023701	1.84E-07	0.024512
1865	494861.06	3859201.99	0.3651	0.52743	0.45645	0.27383	6.86E-04	4.6E-05	0.00991	3.1E-07	0.01064	8.41E-04	5.67E-05	0.012208	1.71E-07	1.31E-02	0.000741	4.36E-05	0.023247	1.77E-07	0.024032
1866	494911.06	3859201.99	0.34835	0.50454	0.43958	0.26848	6.55E-04	4.4E-05	0.00955	3E-07	0.01025	8.02E-04	5.42E-05	0.011757	1.68E-07	1.26E-02	0.000707	4.17E-05	0.022388	1.73E-07	0.023137
1867	494961.06	3859201.99	0.32959	0.47719	0.42057	0.25226	6.19E-04	4.2E-05	0.00913	2.8E-07	0.00979	7.59E-04	5.13E-05	0.011248	1.58E-07	1.21E-02	0.000669	3.95E-05	0.02142	1.63E-07	0.022129
1868	495011.06	3859201.99	0.30381	0.43825	0.39188	0.24114	5.71E-04	3.8E-05	0.00851	2.7E-07	0.00912	7.00E-04	4.71E-05	0.010481	1.51E-07	1.12E-02	0.000617	3.62E-05	0.019959	1.56E-07	0.020612
1869	495061.06	3859201.99	0.31972	0.44533	0.40948	0.24613	6.01E-04	3.9E-05	0.00889	2.8E-07	0.00953	7.36E-04	4.79E-05	0.010952	1.54E-07	1.17E-02	0.000649	3.68E-05	0.020855	1.59E-07	0.021541
1870	495111.06	3859201.99	0.31653	0.44065	0.41382	0.24648	5.95E-04	3.9E-05	0.00899	2.8E-07	0.00962	7.29E-04	4.74E-05	0.011068	1.54E-07	1.18E-02	0.000643	3.64E-05	0.021076	1.59E-07	0.021755
1871	495161.06	3859201.99	0.31363	0.44452	0.41621	0.24624	5.89E-04	3.9E-05	0.00904	2.8E-07	0.00967	7.22E-04	4.78E-05	0.011132	1.54E-07	1.19E-02	0.000637	3.68E-05	0.021198	1.59E-07	0.021872
1872	495211.06	3859201.99	0.31232	0.44359	0.41351	0.24118	5.87E-04	3.9E-05	0.00898	2.7E-07	0.00961	7.19E-04	4.77E-05	0.01106	1.51E-07	1.18E-02	0.000634	3.67E-05	0.02106	1.56E-07	0.021731
1873	495261.06	3859201.99	0.31394	0.44471	0.41761	0.2392	5.90E-04	3.9E-05	0.00907	2.7E-07	0.0097	7.23E-04	4.78E-05	0.011169	1.5E-07	1.19E-02	0.000637	3.68E-05	0.021269	1.55E-07	0.021943
1874	495311.06	3859201.99	0.3144	0.44401	0.42097	0.23819	5.91E-04	3.9E-05	0.00914	2.7E-07	0.00977	7.24E-04	4.77E-05	0.011259	1.49E-07	1.20E-02	0.000638	3.67E-05	0.02144	1.54E-07	0.022115
1875	495361.06	3859201.99	0.31526	0.44674	0.4266	0.23906	5.92E-04	3.9E-05	0.00926	2.7E-07	0.0099	7.26E-04	4.8E-05	0.01141	1.5E-07	1.22E-02	0.00064	3.69E-05	0.021727	1.54E-07	0.022404
1876	495411.06	3859201.99	0.31786	0.45309	0.43057	0.24329	5.97E-04	4E-05	0.00935	2.7E-07	0.00999	7.32E-04	4.87E-05	0.011516	1.52E-07	1.23E-02	0.000645	3.75E-05	0.021929	1.57E-07	0.022612
1877	495461.06	3859201.99	0.31716	0.45273	0.42834	0.24162	5.96E-04	4E-05	0.0093	2.7E-07	0.00994	7.30E-04	4.87E-05	0.011456	1.51E-07	1.22E-02	0.000644	3.74E-05	0.021816	1.56E-07	0.022497
1878	495511.06	3859201.99	0.31546	0.45	0.42496	0.23968	5.93E-04	3.9E-05	0.00923	2.7E-07	0.00986	7.26E-04	4.84E-05	0.011366	1.5E-07	1.21E-02	0.000641	3.72E-05	0.021643	1.55E-07	0.022321
1879	495561.06	3859201.99	0.31097	0.44167	0.41652	0.23335	5.84E-04	3.9E-05	0.00905	2.6E-07	0.00967	7.16E-04	4.75E-05	0.01114	1.46E-07	1.19E-02	0.000631	3.65E-05	0.021214	1.51E-07	0.021882
1880	495611.06	3859201.99	0.3084	0.43533	0.4117	0.22918	5.80E-04	3.8E-05	0.00894	2.6E-07	0.00956	7.10E-04	4.68E-05	0.011011	1.43E-07	1.18E-02	0.000626	3.6E-05	0.020968	1.48E-07	0.02163
1881	495661.06	3859201.99	0.3074	0.43073	0.40925	0.22744	5.78E-04	3.8E-05	0.00889	2.5E-07	0.0095	7.08E-04	4.63E-05	0.010946	1.42E-07	1.17E-02	0.000624	3.56E-05	0.020843	1.47E-07	0.021503
1882	494311.06	3859251.99	0.46576	0.62124	0.51864	0.37427	8.75E-04	5.4E-05	0.01126	4.2E-07	0.01219	1.07E-03	6.68E-05	0.013871	2.34E-07	1.50E-02	0.000946	5.14E-05	0.026415	2.42E-07	0.027412
1883	494361.06	3859251.99	0.4544	0.62549	0.51348	0.36923	8.54E-04	5.5E-05	0.01115	4.1E-07	0.01206	1.05E-03	6.72E-05	0.013733	2.31E-07	1.48E-02	0.000923	5.17E-05	0.026152	2.39E-07	0.027126
1884	494411.06	3859251.99	0.44355	0.60439	0.51066	0.36121	8.34E-04	5.3E-05	0.01109	4E-07	0.01198	1.02E-03	6.5E-05	0.013658	2.26E-07	1.47E-02	0.000901	5E-05	0.026008	2.33E-07	0.026959
1885	494461.06	3859251.99	0.44108	0.58684	0.50988	0.35688	8.29E-04	5.1E-05	0.01107	4E-07	0.01195	1.02E-03	6.31E-05	0.013637	2.23E-07	1.47E-02	0.000896	4.85E-05	0.025968	2.31E-07	0.026913
1886	494511.06	3859251.99	0.43464	0.57504	0.50601	0.34615	8.17E-04	5E-05	0.01099	3.9E-07	0.01186	1.00E-03	6.18E-05	0.013534	2.16E-07	1.46E-02	0.000882	4.76E-05	0.025771	2.24E-07	0.026702
1887	494561.06	3859251.99	0.43127	0.55545	0.49135	0.3388	8.10E-04	4.9E-05	0.01067	3.8E-07	0.01153	9.93E-04	5.97E-05	0.013141	2.12E-07	1.42E-02	0.000876	4.59E-05	0.025025	2.19E-07	0.025947

1888	494611.06	3859251.99	0.42569	0.55536	0.48402	0.33278	8.00E-04	4.9E-05	0.01051	3.7E-07	0.01136	9.80E-04	5.97E-05	0.012945	2.08E-07	1.40E-02	0.000864	4.59E-05	0.024651	2.15E-07	0.025562
1889	494661.06	3859251.99	0.4238	0.56075	0.48355	0.33082	7.96E-04	4.9E-05	0.0105	3.7E-07	0.01135	9.76E-04	6.03E-05	0.012933	2.07E-07	1.40E-02	0.00086	4.64E-05	0.024627	2.14E-07	0.025535
1890	494711.06	3859251.99	0.41522	0.56293	0.48203	0.32369	7.80E-04	4.9E-05	0.01047	3.6E-07	0.0113	9.56E-04	6.05E-05	0.012892	2.02E-07	1.39E-02	0.000843	4.66E-05	0.02455	2.09E-07	0.02544
1891	494761.06	3859251.99	0.39296	0.55616	0.46573	0.2947	7.38E-04	4.9E-05	0.01011	3.3E-07	0.0109	9.05E-04	5.98E-05	0.012456	1.84E-07	1.34E-02	0.000798	4.6E-05	0.02372	1.9E-07	0.024564
1892	494811.06	3859251.99	0.38509	0.55571	0.4638	0.29674	7.24E-04	4.9E-05	0.01007	3.3E-07	0.01084	8.87E-04	5.97E-05	0.012405	1.86E-07	1.34E-02	0.000782	4.6E-05	0.023622	1.92E-07	0.02445
1893	494861.06	3859251.99	0.36475	0.54203	0.45374	0.27715	6.85E-04	4.8E-05	0.00985	3.1E-07	0.01059	8.40E-04	5.83E-05	0.012136	1.73E-07	1.30E-02	0.000741	4.48E-05	0.023109	1.79E-07	0.023895
1894	494911.06	3859251.99	0.34858	0.52606	0.43747	0.26558	6.55E-04	4.6E-05	0.0095	3E-07	0.0102	8.03E-04	5.66E-05	0.0117	1.66E-07	1.26E-02	0.000708	4.35E-05	0.022281	1.72E-07	0.023032
1895	494961.06	3859251.99	0.34226	0.51323	0.43192	0.26356	6.43E-04	4.5E-05	0.00938	2.9E-07	0.01007	7.88E-04	5.52E-05	0.011552	1.65E-07	1.24E-02	0.000695	4.24E-05	0.021998	1.7E-07	0.022735
1896	495011.06	3859251.99	0.33326	0.49616	0.42336	0.26091	6.26E-04	4.4E-05	0.00919	2.9E-07	0.00986	7.67E-04	5.33E-05	0.011323	1.63E-07	1.21E-02	0.000677	4.1E-05	0.021562	1.69E-07	0.02228
1897	495061.06	3859251.99	0.33923	0.48751	0.42948	0.26154	6.37E-04	4.3E-05	0.00933	2.9E-07	0.01001	7.81E-04	5.24E-05	0.011487	1.64E-07	1.23E-02	0.000689	4.03E-05	0.021874	1.69E-07	0.022603
1898	495111.06	3859251.99	0.33887	0.48182	0.42908	0.25919	6.37E-04	4.2E-05	0.00932	2.9E-07	0.01	7.80E-04	5.18E-05	0.011476	1.62E-07	1.23E-02	0.000688	3.98E-05	0.021853	1.67E-07	0.022581
1899	495161.06	3859251.99	0.33784	0.48566	0.43138	0.25812	6.35E-04	4.3E-05	0.00937	2.9E-07	0.01005	7.78E-04	5.22E-05	0.011538	1.61E-07	1.24E-02	0.000686	4.02E-05	0.02197	1.67E-07	0.022697
1900	495211.06	3859251.99	0.32644	0.46673	0.42984	0.25506	6.13E-04	4.1E-05	0.00933	2.8E-07	0.00999	7.52E-04	5.02E-05	0.011496	1.6E-07	1.23E-02	0.000663	3.86E-05	0.021892	1.65E-07	0.022594
1901	495261.06	3859251.99	0.32115	0.45671	0.43315	0.25391	6.04E-04	4E-05	0.00941	2.8E-07	0.01005	7.40E-04	4.91E-05	0.011585	1.59E-07	1.24E-02	0.000652	3.78E-05	0.022061	1.64E-07	0.022751
1902	495311.06	3859251.99	0.32304	0.45706	0.43635	0.25547	6.07E-04	4E-05	0.00948	2.9E-07	0.01012	7.44E-04	4.91E-05	0.01167	1.6E-07	1.25E-02	0.000656	3.78E-05	0.022224	1.65E-07	0.022917
1903	495361.06	3859251.99	0.32311	0.45918	0.43678	0.25462	6.07E-04	4E-05	0.00949	2.8E-07	0.01013	7.44E-04	4.94E-05	0.011682	1.59E-07	1.25E-02	0.000656	3.8E-05	0.022245	1.64E-07	0.02294
1904	495411.06	3859251.99	0.3261	0.45858	0.44199	0.2578	6.13E-04	4E-05	0.0096	2.9E-07	0.01025	7.51E-04	4.93E-05	0.011821	1.61E-07	1.26E-02	0.000662	3.79E-05	0.022511	1.67E-07	0.023211
1905	495461.06	3859251.99	0.32592	0.45849	0.44139	0.25634	6.12E-04	4E-05	0.00959	2.9E-07	0.01024	7.51E-04	4.93E-05	0.011805	1.6E-07	1.26E-02	0.000662	3.79E-05	0.02248	1.66E-07	0.02318
1906	495511.06	3859251.99	0.32162	0.44889	0.43461	0.25019	6.04E-04	3.9E-05	0.00944	2.8E-07	0.01008	7.41E-04	4.83E-05	0.011624	1.56E-07	1.24E-02	0.000653	3.71E-05	0.022135	1.62E-07	0.022825
1907	495561.06	3859251.99	0.32019	0.44528	0.43211	0.24805	6.02E-04	3.9E-05	0.00938	2.8E-07	0.01002	7.37E-04	4.79E-05	0.011557	1.55E-07	1.23E-02	0.00065	3.68E-05	0.022008	1.6E-07	0.022695
1908	495611.06	3859251.99	0.31555	0.44121	0.42691	0.24271	5.93E-04	3.9E-05	0.00927	2.7E-07	0.0099	7.27E-04	4.74E-05	0.011418	1.52E-07	1.22E-02	0.000641	3.65E-05	0.021743	1.57E-07	0.02242
1909	495661.06	3859251.99	0.31398	0.43983	0.42389	0.23964	5.90E-04	3.9E-05	0.00921	2.7E-07	0.00983	7.23E-04	4.73E-05	0.011337	1.5E-07	1.21E-02	0.000637	3.64E-05	0.021589	1.55E-07	0.022263
1910	494311.06	3859301.99	0.48465	0.65002	0.519	0.40913	9.11E-04	5.7E-05	0.01127	4.6E-07	0.01224	1.12E-03	6.99E-05	0.013881	2.56E-07	1.51E-02	0.000984	5.38E-05	0.026433	2.64E-07	0.027471
1911	494361.06	3859301.99	0.47413	0.63667	0.5157	0.39073	8.91E-04	5.6E-05	0.0112	4.4E-07	0.01215	1.09E-03	6.84E-05	0.013793	2.44E-07	1.50E-02	0.000963	5.27E-05	0.026265	2.52E-07	0.02728
1912	494411.06	3859301.99	0.46262	0.62017	0.51079	0.37376	8.69E-04	5.4E-05	0.01109	4.2E-07	0.01202	1.07E-03	6.67E-05	0.013661	2.34E-07	1.48E-02	0.000939	5.13E-05	0.026015	2.41E-07	0.027006
1913	494461.06	3859301.99	0.45067	0.60187	0.50522	0.36569	8.47E-04	5.3E-05	0.01097	4.1E-07	0.01187	1.04E-03	6.47E-05	0.013512	2.29E-07	1.46E-02	0.000915	4.98E-05	0.025731	2.36E-07	0.026696
1914	494511.06	3859301.99	0.43873	0.58865	0.50059	0.35889	8.24E-04	5.2E-05	0.01087	4E-07	0.01175	1.01E-03	6.33E-05	0.013389	2.24E-07	1.45E-02	0.000891	4.87E-05	0.025495	2.32E-07	0.026435
1915	494561.06	3859301.99	0.43076	0.59027	0.49684	0.3541	8.09E-04	5.2E-05	0.01079	4E-07	0.01165	9.92E-04	6.35E-05	0.013288	2.21E-07	1.43E-02	0.000875	4.88E-05	0.025304	2.29E-07	0.026228
1916	494611.06	3859301.99	0.42718	0.57811	0.49728	0.34619	8.03E-04	5.1E-05	0.0108	3.9E-07	0.01165	9.84E-04	6.21E-05	0.0133	2.17E-07	1.43E-02	0.000867	4.78E-05	0.025327	2.24E-07	0.026242
1917	494661.06	3859301.99	0.42353	0.56411	0.4899	0.33778	7.96E-04	4.9E-05	0.01064	3.8E-07	0.01148	9.75E-04	6.06E-05	0.013103	2.11E-07	1.41E-02	0.00086	4.67E-05	0.024951	2.18E-07	0.025858
1918	494711.06	3859301.99	0.41827	0.54612	0.48007	0.32716	7.86E-04	4.8E-05	0.01043	3.7E-07	0.01126	9.63E-04	5.87E-05	0.01284	2.05E-07	1.39E-02	0.000849	4.52E-05	0.02445	2.11E-07	0.025345
1919	494761.06	3859301.99	0.41374	0.54864	0.47364	0.3199	7.78E-04	4.8E-05	0.01029	3.6E-07	0.01111	9.53E-04	5.9E-05	0.012668	2E-07	1.37E-02	0.00084	4.54E-05	0.024123	2.07E-07	0.025008
1920	494811.06	3859301.99	0.40355	0.54942	0.46306	0.30482	7.58E-04	4.8E-05	0.01006	3.4E-07	0.01086	9.29E-04	5.91E-05	0.012385	1.91E-07	1.34E-02	0.000819	4.54E-05	0.023584	1.97E-07	0.024449
1921	494861.06	3859301.99	0.38253	0.5436	0.44843	0.28513	7.19E-04	4.8E-05	0.00974	3.2E-07	0.0105	8.81E-04	5.84E-05	0.011994	1.78E-07	1.29E-02	0.000777	4.5E-05	0.022839	1.84E-07	0.023661
1922	494911.06	3859301.99	0.36925	0.53967	0.44295	0.27768	6.94E-04	4.7E-05	0.00962	3.1E-07	0.01036	8.50E-04	5.8E-05	0.011847	1.74E-07	1.28E-02	0.00075	4.46E-05	0.02256	1.79E-07	0.023354
1923	494961.06	3859301.99	0.34755	0.52524	0.42564	0.26498	6.53E-04	4.6E-05	0.00924	3E-07	0.00994	8.00E-04	5.65E-05	0.011384	1.66E-07	1.22E-02	0.000706	4.34E-05	0.021678	1.71E-07	0.022427
1924	495011.06	3859301.99	0.33664	0.51728	0.42285	0.26223	6.33E-04	4.5E-05	0.00918	2.9E-07	0.00986	7.75E-04	5.56E-05	0.011309	1.64E-07	1.21E-02	0.000684	4.28E-05	0.021536	1.69E-07	0.022262
1925	495061.06	3859301.99	0.35189	0.51953	0.44037	0.2678	6.61E-04	4.6E-05	0.00956	3E-07	0.01027	8.10E-04	5.59E-05	0.011778	1.67E-07	1.26E-02	0.000714	4.3E-05	0.022428	1.73E-07	0.023186
1926	495111.06	3859301.99	0.34419	0.50521	0.43255	0.26339	6.47E-04	4.4E-05	0.00939	2.9E-07	0.01008	7.93E-04	5.43E-05	0.011569	1.65E-07	1.24E-02	0.000699	4.18E-05	0.02203	1.7E-07	0.022771
1927	495161.06	3859301.99	0.34701	0.49522	0.43544	0.26403	6.52E-04	4.3E-05	0.00946	3E-07	0.01015	7.99E-04	5.32E-05	0.011646	1.65E-07	1.25E-02	0.000705	4.1E-05	0.022177	1.71E-07	0.022923
1928	495211.06	3859301.99	0.35482	0.50521	0.44333	0.2678	6.67E-04	4.4E-05	0.00963	3E-07	0.01034	8.17E-04	5.43E-05	0.011857	1.67E-07	1.27E-02	0.00072	4.18E-05	0.022579	1.73E-07	0.023341
1929	495261.06	3859301.99	0.34801	0.51295	0.44725	0.2705	6.54E-04	4.5E-05	0.00971	3E-07	0.01041	8.01E-04	5.51E-05	0.011962	1.69E-07	1.28E-02	0.000707	4.24E-05	0.022779	1.75E-07	0.023528
1930	495311.06	3859301.99	0.33538	0.49876	0.44356	0.26593	6.30E-04	4.4E-05	0.00963	3E-07	0.01031	7.72E-04	5.36E-05	0.011863	1.66E-07	1.27E-02	0.000681	4.12E-05	0.022591	1.72E-07	0.023313
1931	495361.06	3859301.99	0.33136	0.48152	0.44625	0.26927	6.23E-04	4.2E-05	0.00969	3E-07	0.01036	7.63E-04	5.18E-05	0.011935	1.68E-07	1.28E-02	0.000673	3.98E-05	0.022728	1.74E-07	0.023441
1932	495411.06	3859301.99	0.33287	0.4794	0.44628	0.26987	6.26E-04	4.2E-05	0.00969	3E-07	0.01036	7.67E-04	5.15E-05	0.011936	1.69E-07	1.28E-02	0.000676	3.96E-05	0.022729	1.74E-07	0.023445
1933	495461.06	3859301.99	0.33508	0.47259	0.44724	0.27113	6.30E-04	4.1E-05	0.00971	3E-07	0.01038	7.72E-04	5.08E-05	0.011962	1.7E-07	1.28E-02	0.00068	3.91E-05	0.022778	1.75E-07	0.023498
1934	495511.06	3859301.99	0.33225	0.4643	0.44542	0.26626	6.24E-04	4.1E-05	0.00967	3E-07	0.01034	7.65E-04	4.99E-05	0.011913	1.67E-07	1.27E-02	0.000675	3.84E-05	0.022685	1.72E-07	0.023399
1935	495561.06	3859301.99	0.32521	0.45107	0.4374	0.25645	6.11E-04	4E-05	0.0095	2.9E-07	0.01015	7.49E-04	4.85E-05	0.011699	1.6E-07	1.25E-02	0.00066	3.73E-05	0.022277	1.66E-07	0.022975
1936	495611.06	3859301.99	0.32409	0.44982	0.43732	0.25494	6.09E-04	3.9E-05	0.0095	2.8E-07	0.01015	7.46E-04	4.84E-05	0.011696	1.59E-07	1.25E-02	0.000658	3.72E-05	0.022273	1.65E-07	0.022968
1937	495661.06	3859301.99	0.32273	0.44765	0.43491	0.25303	6.06E-04	3.9E-05	0.00944	2.8E-07	0.01009	7.43E-04	4.81E-05	0.011632	1.58E-07	1.24E-02	0.000655	3.7E-05	0.02215	1.63E-07	0.022843
1938	494311.06	3859351.99	0.4999	0.65961	0.5289	0.42984	9.39E-04	5.8E-05	0.01149	4.8E-07	0.01248	1.15E-03	7.09E-05	0.014146	2.69E-07	1.54E-02	0.001015	5.45E-05	0.026937	2.78E-07	0.028007
1939	494361.06	3859351.99	0.49029	0.65307	0.51389	0.42042	9.21E-04	5.7E-05	0.01116	4.7E-07	0.01214	1.13E-03	7.02E-05	0.013744	2.63E-07	1.49E-02	0.000995	5.4E-05	0.026173	2.72E-07	0.027222
1940	494411.06	3859351.99	0.47973	0.64305	0.50791	0.4034	9.02E-04	5.6E-05	0.01103	4.5E-07	0.01199	1.10E-03	6.91E-05	0.013584	2.52E-07	1.48E-02	0.000974	5.32E-05	0.025868	2.61E-07	0.026896
1941	494461.06	3859351.99	0.46896	0.63135	0.50447	0.38291	8.81E-04	5.5E-05	0.01096	4.3E-07	0.01189	1.08E-03	6.79E-05	0.013492	2.39E-07	1.46E-02	0.000952	5.22E-05	0.025693	2.47E-07	0.026698
1942	494511.06	3859351.99	0.45807	0.61815	0.50133	0.36878	8.61E-04	5.4E-05	0.01089	4.1E-07	0.0118	1.05E-03	6.65E-05	0.013408	2.31E-07	1.45E-02	0.00093	5.11E-05	0.025533	2.38E-07	0.026514
1943	494561.06	3859351.99	0.44759	0.60479	0.49911	0.36479	8.41E-04	5.3E-05	0.01084	4.1E-07	0.01173	1.03E-03	6.5E-05	0.013349	2.28E-07	1.44E-02	0.000909	5E-05	0.02542	2.36E-07	0.026379
1944	494611.06	3859351.99	0.43652	0.58921	0.49582	0.35962	8.20E-04	5.2E-05	0.01077	4E-07	0.01164	1.01E-03	6.33E-05	0.013261	2.25E-07	1.43E-02	0.000886	4.87E-05	0.025252	2.32E-07	0.026188
1945	494661.06	3859351.99	0.42502	0.572	0.49176	0.35388	7.99E-04	5E-05	0.01068	4E-07	0.01153	9.79E-04	6.15E-05	0.013152	2.21E-07	1.42E-02	0.000863	4.73E-05	0.025046	2.29E-07	0.025956
1946	494711.06	3859351.99	0.41725	0.56047	0.48548	0.34167	7.84E-04	4.9E-05	0.01054	3.8E-07	0.01138	9.61E-04	6.03E-05	0.012984	2.14E-07	1.40E-02	0.000847	4.64E-05	0.024726	2.21E-07	0.02562
1947	494761.06	3859351.99	0.40876	0.55173	0.48103	0.32088	7.68E-04	4.8E-05	0.01045	3.6E-07	0.01126	9.41E-04	5.93E-05	0.012865	2.01E-07	1.39E-02	0.00083	4.56E-05	0.024499	2.07E-07	0.025375
1948	494811.06	3859351.99	0.39703	0.53423	0.46463	0.29684	7.46E-04	4.7E-05	0.01009	3.3E-07	0.01088	9.14E-04	5.74E-05	0.012427	1.86E-07	1.34E-02	0.000806	4.42E-05	0.023664	1.92E-07	0.024514

1949	494861.06	3859351.99	0.39385	0.53136	0.45531	0.2948	7.40E-04	4.7E-05	0.00989	3.3E-07	0.01067	9.07E-04	5.71E-05	0.012178	1.84E-07	1.31E-02	0.0008	4.39E-05	0.023189	1.9E-07	0.024033
1950	494911.06	3859351.99	0.39252	0.53612	0.45215	0.29319	7.38E-04	4.7E-05	0.00982	3.3E-07	0.0106	9.04E-04	5.76E-05	0.012093	1.83E-07	1.31E-02	0.000797	4.43E-05	0.023028	1.89E-07	0.02387
1951	494961.06	3859351.99	0.38048	0.53642	0.4451	0.28584	7.15E-04	4.7E-05	0.00967	3.2E-07	0.01043	8.76E-04	5.77E-05	0.011905	1.79E-07	1.28E-02	0.000773	4.44E-05	0.022669	1.85E-07	0.023486
1952	495011.06	3859351.99	0.37004	0.53572	0.44049	0.28195	6.95E-04	4.7E-05	0.00957	3.2E-07	0.01031	8.52E-04	5.76E-05	0.011781	1.76E-07	1.27E-02	0.000751	4.43E-05	0.022434	1.82E-07	0.02323
1953	495061.06	3859351.99	0.37088	0.53834	0.44656	0.29026	6.97E-04	4.7E-05	0.0097	3.2E-07	0.01044	8.54E-04	5.79E-05	0.011944	1.82E-07	1.29E-02	0.000753	4.45E-05	0.022744	1.87E-07	0.023541
1954	495111.06	3859351.99	0.3669	0.53262	0.44588	0.28536	6.89E-04	4.7E-05	0.00968	3.2E-07	0.01042	8.45E-04	5.73E-05	0.011925	1.78E-07	1.28E-02	0.000745	4.4E-05	0.022709	1.84E-07	0.023498
1955	495161.06	3859351.99	0.36756	0.52676	0.44713	0.28509	6.91E-04	4.6E-05	0.00971	3.2E-07	0.01045	8.46E-04	5.66E-05	0.011959	1.78E-07	1.29E-02	0.000746	4.36E-05	0.022773	1.84E-07	0.023563
1956	495211.06	3859351.99	0.36758	0.51857	0.44781	0.28425	6.91E-04	4.5E-05	0.00972	3.2E-07	0.01046	8.46E-04	5.57E-05	0.011977	1.78E-07	1.29E-02	0.000746	4.29E-05	0.022807	1.84E-07	0.023597
1957	495261.06	3859351.99	0.37089	0.52025	0.44984	0.28749	6.97E-04	4.6E-05	0.00977	3.2E-07	0.01051	8.54E-04	5.59E-05	0.012031	1.8E-07	1.29E-02	0.000753	4.3E-05	0.022911	1.86E-07	0.023707
1958	495311.06	3859351.99	0.36446	0.52062	0.4487	0.28336	6.85E-04	4.6E-05	0.00974	3.2E-07	0.01047	8.39E-04	5.6E-05	0.012001	1.77E-07	1.29E-02	0.00074	4.31E-05	0.022853	1.83E-07	0.023636
1959	495361.06	3859351.99	0.35414	0.52469	0.44887	0.28341	6.66E-04	4.6E-05	0.00975	3.2E-07	0.01046	8.16E-04	5.64E-05	0.012005	1.77E-07	1.29E-02	0.000719	4.34E-05	0.022861	1.83E-07	0.023624
1960	495411.06	3859351.99	0.34459	0.5307	0.44992	0.28647	6.48E-04	4.7E-05	0.00977	3.2E-07	0.01046	7.94E-04	5.71E-05	0.012033	1.79E-07	1.29E-02	0.0007	4.39E-05	0.022915	1.85E-07	0.023658
1961	495461.06	3859351.99	0.34408	0.51365	0.45153	0.29149	6.47E-04	4.5E-05	0.00981	3.3E-07	0.0105	7.92E-04	5.52E-05	0.012076	1.82E-07	1.29E-02	0.000699	4.25E-05	0.022997	1.88E-07	0.023738
1962	495511.06	3859351.99	0.33945	0.48694	0.44792	0.28234	6.38E-04	4.3E-05	0.00973	3.2E-07	0.01041	7.82E-04	5.23E-05	0.01198	1.77E-07	1.28E-02	0.000689	4.03E-05	0.022813	1.82E-07	0.023542
1963	495561.06	3859351.99	0.33681	0.48138	0.44537	0.27685	6.33E-04	4.2E-05	0.00967	3.1E-07	0.01035	7.76E-04	5.17E-05	0.011912	1.73E-07	1.27E-02	0.000684	3.98E-05	0.022683	1.79E-07	0.023407
1964	495611.06	3859351.99	0.33595	0.47104	0.44383	0.27436	6.31E-04	4.1E-05	0.00964	3.1E-07	0.01031	7.74E-04	5.06E-05	0.011871	1.72E-07	1.27E-02	0.000682	3.9E-05	0.022605	1.77E-07	0.023326
1965	495661.06	3859351.99	0.33074	0.45618	0.43928	0.26492	6.22E-04	4E-05	0.00954	3E-07	0.0102	7.62E-04	4.9E-05	0.011749	1.66E-07	1.26E-02	0.000672	3.77E-05	0.022373	1.71E-07	0.023082
1966	494311.06	3859401.99	0.51162	0.64542	0.5574	0.45343	9.61E-04	5.7E-05	0.0121	5.1E-07	0.01312	1.18E-03	6.94E-05	0.014908	2.84E-07	1.62E-02	0.001039	5.34E-05	0.028389	2.93E-07	0.029481
1967	494361.06	3859401.99	0.50319	0.6459	0.54349	0.43202	9.46E-04	5.7E-05	0.0118	4.8E-07	0.01281	1.16E-03	6.94E-05	0.014536	2.7E-07	1.58E-02	0.001022	5.34E-05	0.02768	2.79E-07	0.028756
1968	494411.06	3859401.99	0.49397	0.64478	0.52894	0.41905	9.28E-04	5.7E-05	0.01149	4.7E-07	0.01247	1.14E-03	6.93E-05	0.014147	2.62E-07	1.54E-02	0.001003	5.33E-05	0.026939	2.71E-07	0.027996
1969	494461.06	3859401.99	0.48443	0.63947	0.51415	0.40768	9.10E-04	5.6E-05	0.01117	4.6E-07	0.01213	1.12E-03	6.87E-05	0.013751	2.55E-07	1.49E-02	0.000984	5.29E-05	0.026186	2.63E-07	0.027223
1970	494511.06	3859401.99	0.47523	0.63433	0.49986	0.39923	8.93E-04	5.6E-05	0.01085	4.5E-07	0.0118	1.09E-03	6.82E-05	0.013369	2.5E-07	1.45E-02	0.000965	5.25E-05	0.025458	2.58E-07	0.026476
1971	494561.06	3859401.99	0.46549	0.6269	0.49863	0.38863	8.75E-04	5.5E-05	0.01083	4.3E-07	0.01176	1.07E-03	6.74E-05	0.013336	2.43E-07	1.45E-02	0.000945	5.18E-05	0.025396	2.51E-07	0.026393
1972	494611.06	3859401.99	0.45504	0.61672	0.49611	0.37356	8.55E-04	5.4E-05	0.01077	4.2E-07	0.01168	1.05E-03	6.63E-05	0.013269	2.34E-07	1.44E-02	0.000924	5.1E-05	0.025267	2.41E-07	0.026242
1973	494661.06	3859401.99	0.44498	0.60604	0.49436	0.36654	8.36E-04	5.3E-05	0.01074	4.1E-07	0.01163	1.02E-03	6.52E-05	0.013222	2.29E-07	1.43E-02	0.000903	5.01E-05	0.025178	2.37E-07	0.026132
1974	494711.06	3859401.99	0.43429	0.593	0.49145	0.36124	8.16E-04	5.2E-05	0.01067	4E-07	0.01154	1.00E-03	6.37E-05	0.013144	2.26E-07	1.42E-02	0.000882	4.9E-05	0.02503	2.33E-07	0.025961
1975	494761.06	3859401.99	0.42041	0.57348	0.48412	0.34303	7.90E-04	5E-05	0.01051	3.8E-07	0.01135	9.68E-04	6.17E-05	0.012948	2.15E-07	1.40E-02	0.000854	4.74E-05	0.024657	2.22E-07	0.025558
1976	494811.06	3859401.99	0.40814	0.55436	0.47687	0.33114	7.67E-04	4.9E-05	0.01036	3.7E-07	0.01117	9.40E-04	5.96E-05	0.012754	2.07E-07	1.38E-02	0.000829	4.58E-05	0.024287	2.14E-07	0.025162
1977	494861.06	3859401.99	0.39727	0.53106	0.46618	0.31051	7.47E-04	4.7E-05	0.01012	3.5E-07	0.01092	9.15E-04	5.71E-05	0.012468	1.94E-07	1.34E-02	0.000807	4.39E-05	0.023743	2.01E-07	0.024594
1978	494911.06	3859401.99	0.39284	0.52613	0.46229	0.29998	7.38E-04	4.6E-05	0.01004	3.4E-07	0.01082	9.05E-04	5.66E-05	0.012364	1.88E-07	1.33E-02	0.000798	4.35E-05	0.023545	1.94E-07	0.024386
1979	494961.06	3859401.99	0.39198	0.52404	0.45793	0.29964	7.37E-04	4.6E-05	0.00994	3.3E-07	0.01073	9.03E-04	5.63E-05	0.012248	1.87E-07	1.32E-02	0.000796	4.33E-05	0.023323	1.94E-07	0.024162
1980	495011.06	3859401.99	0.39191	0.5303	0.45637	0.30091	7.36E-04	4.7E-05	0.00991	3.4E-07	0.01069	9.02E-04	5.7E-05	0.012206	1.88E-07	1.32E-02	0.000796	4.39E-05	0.023243	1.94E-07	0.024083
1981	495061.06	3859401.99	0.38874	0.53136	0.45645	0.30076	7.31E-04	4.7E-05	0.00991	3.4E-07	0.01069	8.95E-04	5.71E-05	0.012208	1.88E-07	1.32E-02	0.000789	4.39E-05	0.023247	1.94E-07	0.024081
1982	495111.06	3859401.99	0.37774	0.53177	0.45068	0.2946	7.10E-04	4.7E-05	0.00979	3.3E-07	0.01054	8.70E-04	5.72E-05	0.012054	1.84E-07	1.30E-02	0.000767	4.4E-05	0.022953	1.9E-07	0.023765
1983	495161.06	3859401.99	0.37513	0.53542	0.44899	0.29903	7.05E-04	4.7E-05	0.00975	3.3E-07	0.0105	8.64E-04	5.76E-05	0.012009	1.87E-07	1.29E-02	0.000762	4.43E-05	0.022867	1.93E-07	0.023673
1984	495211.06	3859401.99	0.3787	0.53392	0.4493	0.30276	7.12E-04	4.7E-05	0.00976	3.4E-07	0.01052	8.72E-04	5.74E-05	0.012017	1.89E-07	1.29E-02	0.000769	4.42E-05	0.022883	1.96E-07	0.023696
1985	495261.06	3859401.99	0.37894	0.52921	0.44675	0.30414	7.12E-04	4.6E-05	0.0097	3.4E-07	0.01046	8.73E-04	5.69E-05	0.011949	1.9E-07	1.29E-02	0.000769	4.38E-05	0.022753	1.96E-07	0.023567
1986	495311.06	3859401.99	0.37844	0.52212	0.44756	0.30486	7.11E-04	4.6E-05	0.00972	3.4E-07	0.01048	8.71E-04	5.61E-05	0.01197	1.91E-07	1.29E-02	0.000768	4.32E-05	0.022794	1.97E-07	0.023606
1987	495361.06	3859401.99	0.38231	0.52781	0.45039	0.30972	7.18E-04	4.6E-05	0.00978	3.5E-07	0.01055	8.80E-04	5.67E-05	0.012046	1.94E-07	1.30E-02	0.000776	4.36E-05	0.022939	2E-07	0.023759
1988	495411.06	3859401.99	0.37256	0.53534	0.4516	0.31193	7.00E-04	4.7E-05	0.00981	3.5E-07	0.01055	8.58E-04	5.76E-05	0.012078	1.95E-07	1.30E-02	0.000756	4.43E-05	0.023	2.01E-07	0.023801
1989	495461.06	3859401.99	0.36141	0.53772	0.45113	0.30967	6.79E-04	4.7E-05	0.0098	3.5E-07	0.01052	8.32E-04	5.78E-05	0.012066	1.94E-07	1.30E-02	0.000734	4.45E-05	0.022976	2E-07	0.023755
1990	495511.06	3859401.99	0.34888	0.53524	0.44891	0.30106	6.56E-04	4.7E-05	0.00975	3.4E-07	0.01045	8.03E-04	5.75E-05	0.012006	1.88E-07	1.29E-02	0.000708	4.43E-05	0.022863	1.94E-07	0.023616
1991	495561.06	3859401.99	0.33975	0.52116	0.44546	0.28997	6.38E-04	4.6E-05	0.00967	3.2E-07	0.01036	7.82E-04	5.6E-05	0.011914	1.81E-07	1.28E-02	0.00069	4.31E-05	0.022688	1.87E-07	0.023421
1992	495611.06	3859401.99	0.33847	0.50001	0.44425	0.28649	6.36E-04	4.4E-05	0.00965	3.2E-07	0.01033	7.79E-04	5.38E-05	0.011882	1.79E-07	1.27E-02	0.000687	4.14E-05	0.022626	1.85E-07	0.023355
1993	495661.06	3859401.99	0.33795	0.48326	0.44334	0.28448	6.35E-04	4.2E-05	0.00963	3.2E-07	0.01031	7.78E-04	5.2E-05	0.011857	1.78E-07	1.27E-02	0.000686	4E-05	0.02258	1.84E-07	0.023306
1994	494311.06	3859451.99	0.51136	0.66305	0.55952	0.4759	9.61E-04	5.8E-05	0.01215	5.3E-07	0.01317	1.18E-03	7.13E-05	0.014965	2.98E-07	1.62E-02	0.001038	5.48E-05	0.028497	3.07E-07	0.02959
1995	494361.06	3859451.99	0.50828	0.63862	0.55577	0.46094	9.55E-04	5.6E-05	0.01207	5.2E-07	0.01308	1.17E-03	6.87E-05	0.014864	2.88E-07	1.61E-02	0.001032	5.28E-05	0.028306	2.98E-07	0.029391
1996	494411.06	3859451.99	0.50204	0.62058	0.54951	0.43437	9.43E-04	5.4E-05	0.01193	4.9E-07	0.01293	1.16E-03	6.67E-05	0.014697	2.72E-07	1.59E-02	0.001019	5.13E-05	0.027987	2.81E-07	0.029058
1997	494461.06	3859451.99	0.4969	0.62424	0.54311	0.42512	9.34E-04	5.5E-05	0.01179	4.7E-07	0.01278	1.14E-03	6.71E-05	0.014526	2.66E-07	1.57E-02	0.001009	5.16E-05	0.027661	2.75E-07	0.028722
1998	494511.06	3859451.99	0.48816	0.62524	0.52904	0.40867	9.17E-04	5.5E-05	0.01149	4.6E-07	0.01246	1.12E-03	6.72E-05	0.01415	2.56E-07	1.53E-02	0.000991	5.17E-05	0.026944	2.64E-07	0.027987
1999	494561.06	3859451.99	0.47933	0.62459	0.51478	0.40366	9.01E-04	5.5E-05	0.01118	4.5E-07	0.01213	1.10E-03	6.71E-05	0.013768	2.52E-07	1.49E-02	0.000973	5.17E-05	0.026218	2.61E-07	0.027243
2000	494611.06	3859451.99	0.47075	0.62285	0.50051	0.40485	8.85E-04	5.5E-05	0.01087	4.5E-07	0.01181	1.08E-03	6.7E-05	0.013386	2.53E-07	1.45E-02	0.000956	5.15E-05	0.025491	2.62E-07	0.026499
2001	494661.06	3859451.99	0.46108	0.61763	0.49166	0.38914	8.66E-04	5.4E-05	0.01068	4.3E-07	0.0116	1.06E-03	6.64E-05	0.01315	2.43E-07	1.43E-02	0.000936	5.11E-05	0.025041	2.51E-07	0.026028
2002	494711.06	3859451.99	0.45092	0.61015	0.48937	0.3746	8.47E-04	5.4E-05	0.01063	4.2E-07	0.01153	1.04E-03	6.56E-05	0.013089	2.34E-07	1.42E-02	0.000916	5.05E-05	0.024924	2.42E-07	0.02589
2003	494761.06	3859451.99	0.44082	0.60135	0.48718	0.36359	8.28E-04	5.3E-05	0.01058	4.1E-07	0.01146	1.02E-03	6.46E-05	0.01303	2.27E-07	1.41E-02	0.000895	4.97E-05	0.024812	2.35E-07	0.025757
2004	494811.06	3859451.99	0.42907	0.5881	0.48198	0.35205	8.06E-04	5.2E-05	0.01047	3.9E-07	0.01132	9.88E-04	6.32E-05	0.012891	2.2E-07	1.39E-02	0.000871	4.86E-05	0.024548	2.27E-07	0.025468
2005	494861.06	3859451.99	0.41749	0.57401	0.47714	0.3394	7.85E-04	5E-05	0.01036	3.8E-07	0.0112	9.61E-04	6.17E-05	0.012761	2.12E-07	1.38E-02	0.000848	4.75E-05	0.024301	2.19E-07	0.025196
2006	494911.06	3859451.99	0.40651	0.5601	0.47341	0.33217	7.64E-04	4.9E-05	0.01028	3.7E-07	0.01109	9.36E-04	6.02E-05	0.012662	2.08E-07	1.37E-02	0.000825	4.63E-05	0.024111	2.15E-07	0.024983
2007	494961.06	3859451.99	0.39919	0.54747	0.47169	0.33169	7.50E-04	4.8E-05	0.01024	3.7E-07	0.01104	9.19E-04	5.89E-05	0.012616	2.07E-07	1.36E-02	0.000811	4.53E-05	0.024023	2.14E-07	0.024879
2008	495011.06	3859451.99	0.39703	0.53296	0.46508	0.3276	7.46E-04	4.7E-05	0.0101	3.7E-07	0.01089	9.14E-04	5.73E-05	0.012439	2.05E-07	1.34E-02	0.000806	4.41E-05	0.023687	2.12E-07	0.024537
2009	495061.06	3859451.99	0.39541	0.52738	0.46336	0.32302	7.43E-04	4.6E-05	0.01006	3.6E-07	0.01085	9.11E-04	5.67E-05	0.012393	2.02E-07	1.34E-02	0.000803	4.36E-05	0.023599	2.09E-07	0.024446

2010	495111.06	3859451.99	0.39351	0.52735	0.46249	0.31848	7.39E-04	4.6E-05	0.01004	3.6E-07	0.01083	9.06E-04	5.67E-05	0.01237	1.99E-07	1.33E-02	0.000799	4.36E-05	0.023555	2.06E-07	0.024398
2011	495161.06	3859451.99	0.39335	0.5292	0.46151	0.31868	7.39E-04	4.6E-05	0.01002	3.6E-07	0.01081	9.06E-04	5.69E-05	0.012343	1.99E-07	1.33E-02	0.000799	4.38E-05	0.023505	2.06E-07	0.024348
2012	495211.06	3859451.99	0.38717	0.53236	0.46116	0.32048	7.28E-04	4.7E-05	0.01001	3.6E-07	0.01079	8.92E-04	5.72E-05	0.012334	2E-07	1.33E-02	0.000786	4.4E-05	0.023487	2.07E-07	0.024317
2013	495261.06	3859451.99	0.38949	0.53405	0.46026	0.32171	7.32E-04	4.7E-05	0.01	3.6E-07	0.01077	8.97E-04	5.74E-05	0.01231	2.01E-07	1.33E-02	0.000791	4.42E-05	0.023441	2.08E-07	0.024276
2014	495311.06	3859451.99	0.38898	0.5355	0.45711	0.31941	7.31E-04	4.7E-05	0.00993	3.6E-07	0.0107	8.96E-04	5.76E-05	0.012226	2E-07	1.32E-02	0.00079	4.43E-05	0.023281	2.06E-07	0.024115
2015	495361.06	3859451.99	0.3895	0.5314	0.45496	0.31863	7.32E-04	4.7E-05	0.00988	3.6E-07	0.01066	8.97E-04	5.71E-05	0.012168	1.99E-07	1.31E-02	0.000791	4.39E-05	0.023171	2.06E-07	0.024006
2016	495411.06	3859451.99	0.38851	0.52668	0.45147	0.31609	7.30E-04	4.6E-05	0.0098	3.5E-07	0.01058	8.95E-04	5.66E-05	0.012075	1.98E-07	1.30E-02	0.000789	4.36E-05	0.022994	2.04E-07	0.023826
2017	495461.06	3859451.99	0.38594	0.52373	0.44858	0.31496	7.25E-04	4.6E-05	0.00974	3.5E-07	0.01051	8.89E-04	5.63E-05	0.011998	1.97E-07	1.29E-02	0.000784	4.33E-05	0.022846	2.03E-07	0.023674
2018	495511.06	3859451.99	0.37363	0.52235	0.44559	0.30747	7.02E-04	4.6E-05	0.00968	3.4E-07	0.01042	8.60E-04	5.62E-05	0.011918	1.92E-07	1.28E-02	0.000759	4.32E-05	0.022694	1.99E-07	0.023496
2019	495561.06	3859451.99	0.36252	0.52572	0.44536	0.30654	6.81E-04	4.6E-05	0.00967	3.4E-07	0.0104	8.35E-04	5.65E-05	0.011911	1.92E-07	1.28E-02	0.000736	4.35E-05	0.022682	1.98E-07	0.023462
2020	495611.06	3859451.99	0.35132	0.52878	0.44493	0.30579	6.60E-04	4.6E-05	0.00966	3.4E-07	0.01037	8.09E-04	5.68E-05	0.0119	1.91E-07	1.28E-02	0.000713	4.37E-05	0.022661	1.98E-07	0.023418
2021	495661.06	3859451.99	0.34423	0.53118	0.44444	0.30533	6.47E-04	4.7E-05	0.00965	3.4E-07	0.01035	7.93E-04	5.71E-05	0.011887	1.91E-07	1.27E-02	0.000699	4.39E-05	0.022636	1.97E-07	0.023379
2022	494311.06	3859501.99	0.50394	0.66846	0.55769	0.49329	9.47E-04	5.9E-05	0.01211	5.5E-07	0.01312	1.16E-03	7.19E-05	0.014916	3.09E-07	1.61E-02	0.001023	5.53E-05	0.028403	3.19E-07	0.029482
2023	494361.06	3859501.99	0.50214	0.66987	0.55466	0.47935	9.44E-04	5.9E-05	0.01205	5.4E-07	0.01305	1.16E-03	7.2E-05	0.014835	3E-07	1.61E-02	0.00102	5.54E-05	0.028249	3.1E-07	0.029324
2024	494411.06	3859501.99	0.49625	0.65997	0.55014	0.44948	9.33E-04	5.8E-05	0.01195	5E-07	0.01294	1.14E-03	7.09E-05	0.014714	2.81E-07	1.59E-02	0.001008	5.46E-05	0.028019	2.9E-07	0.029081
2025	494461.06	3859501.99	0.49814	0.64538	0.54886	0.45503	9.36E-04	5.7E-05	0.01192	5.1E-07	0.01291	1.15E-03	6.94E-05	0.01468	2.85E-07	1.59E-02	0.001011	5.34E-05	0.027954	2.94E-07	0.029019
2026	494511.06	3859501.99	0.49503	0.61446	0.54461	0.43579	9.30E-04	5.4E-05	0.01183	4.9E-07	0.01281	1.14E-03	6.61E-05	0.014566	2.73E-07	1.58E-02	0.001005	5.08E-05	0.027737	2.82E-07	0.028793
2027	494561.06	3859501.99	0.49055	0.60059	0.54008	0.41614	9.22E-04	5.3E-05	0.01173	4.6E-07	0.0127	1.13E-03	6.46E-05	0.014445	2.6E-07	1.56E-02	0.000996	4.97E-05	0.027507	2.69E-07	0.028553
2028	494611.06	3859501.99	0.48269	0.60561	0.52935	0.42456	9.07E-04	5.3E-05	0.0115	4.7E-07	0.01246	1.11E-03	6.51E-05	0.014158	2.66E-07	1.53E-02	0.00098	5.01E-05	0.02696	2.74E-07	0.02799
2029	494661.06	3859501.99	0.4744	0.60728	0.51546	0.40365	8.91E-04	5.3E-05	0.01119	4.5E-07	0.01214	1.09E-03	6.53E-05	0.013786	2.52E-07	1.49E-02	0.000963	5.02E-05	0.026253	2.61E-07	0.027266
2030	494711.06	3859501.99	0.46482	0.60592	0.50086	0.38827	8.73E-04	5.3E-05	0.01088	4.3E-07	0.0118	1.07E-03	6.51E-05	0.013396	2.43E-07	1.45E-02	0.000944	5.01E-05	0.025509	2.51E-07	0.026503
2031	494761.06	3859501.99	0.45661	0.60557	0.48688	0.39147	8.58E-04	5.3E-05	0.01057	4.4E-07	0.01148	1.05E-03	6.51E-05	0.013022	2.45E-07	1.41E-02	0.000927	5.01E-05	0.024797	2.53E-07	0.025775
2032	494811.06	3859501.99	0.44525	0.5937	0.4804	0.36191	8.37E-04	5.2E-05	0.01043	4E-07	0.01132	1.03E-03	6.38E-05	0.012849	2.26E-07	1.39E-02	0.000904	4.91E-05	0.024467	2.34E-07	0.02542
2033	494861.06	3859501.99	0.43573	0.59111	0.4789	0.35667	8.19E-04	5.2E-05	0.0104	4E-07	0.01127	1.00E-03	6.35E-05	0.012809	2.23E-07	1.39E-02	0.000885	4.89E-05	0.024391	2.3E-07	0.025324
2034	494911.06	3859501.99	0.42674	0.5863	0.4784	0.35684	8.02E-04	5.1E-05	0.01039	4E-07	0.01124	9.83E-04	6.3E-05	0.012795	2.23E-07	1.38E-02	0.000866	4.85E-05	0.024365	2.31E-07	0.02528
2035	494961.06	3859501.99	0.41625	0.57624	0.4752	0.348	7.82E-04	5.1E-05	0.01032	3.9E-07	0.01115	9.59E-04	6.19E-05	0.01271	2.18E-07	1.37E-02	0.000845	4.77E-05	0.024202	2.25E-07	0.025095
2036	495011.06	3859501.99	0.40703	0.56747	0.47439	0.34904	7.65E-04	5E-05	0.0103	3.9E-07	0.01112	9.37E-04	6.1E-05	0.012688	2.18E-07	1.37E-02	0.000826	4.69E-05	0.024161	2.25E-07	0.025035
2037	495061.06	3859501.99	0.403	0.55767	0.47352	0.34734	7.57E-04	4.9E-05	0.01028	3.9E-07	0.01109	9.28E-04	6E-05	0.012665	2.17E-07	1.37E-02	0.000818	4.61E-05	0.024117	2.24E-07	0.024981
2038	495111.06	3859501.99	0.39707	0.54368	0.46789	0.33839	7.46E-04	4.8E-05	0.01016	3.8E-07	0.01095	9.14E-04	5.84E-05	0.012514	2.12E-07	1.35E-02	0.000806	4.5E-05	0.02383	2.19E-07	0.024681
2039	495161.06	3859501.99	0.39505	0.53197	0.46153	0.33708	7.42E-04	4.7E-05	0.01002	3.8E-07	0.01081	9.10E-04	5.72E-05	0.012344	2.11E-07	1.33E-02	0.000802	4.4E-05	0.023506	2.18E-07	0.024352
2040	495211.06	3859501.99	0.39631	0.52089	0.46215	0.33883	7.45E-04	4.6E-05	0.01004	3.8E-07	0.01083	9.13E-04	5.6E-05	0.012361	2.12E-07	1.33E-02	0.000805	4.31E-05	0.023538	2.19E-07	0.024386
2041	495261.06	3859501.99	0.39602	0.52145	0.46713	0.33765	7.44E-04	4.6E-05	0.01014	3.8E-07	0.01093	9.12E-04	5.61E-05	0.012494	2.11E-07	1.35E-02	0.000804	4.31E-05	0.023791	2.18E-07	0.024639
2042	495311.06	3859501.99	0.39416	0.53317	0.46606	0.33793	7.41E-04	4.7E-05	0.01012	3.8E-07	0.01091	9.08E-04	5.73E-05	0.012465	2.11E-07	1.34E-02	0.0008	4.41E-05	0.023737	2.18E-07	0.024581
2043	495361.06	3859501.99	0.39435	0.52648	0.46376	0.33587	7.41E-04	4.6E-05	0.01007	3.8E-07	0.01086	9.08E-04	5.66E-05	0.012404	2.1E-07	1.34E-02	0.000801	4.35E-05	0.02362	2.17E-07	0.024464
2044	495411.06	3859501.99	0.39403	0.52604	0.45875	0.33428	7.40E-04	4.6E-05	0.00996	3.7E-07	0.01075	9.07E-04	5.66E-05	0.01227	2.09E-07	1.32E-02	0.0008	4.35E-05	0.023364	2.16E-07	0.024208
2045	495461.06	3859501.99	0.39214	0.52805	0.45749	0.33123	7.37E-04	4.6E-05	0.00993	3.7E-07	0.01072	9.03E-04	5.68E-05	0.012236	2.07E-07	1.32E-02	0.000796	4.37E-05	0.0233	2.14E-07	0.02414
2046	495511.06	3859501.99	0.38556	0.5251	0.45098	0.31844	7.25E-04	4.6E-05	0.00979	3.6E-07	0.01056	8.88E-04	5.64E-05	0.012062	1.99E-07	1.30E-02	0.000783	4.34E-05	0.022969	2.06E-07	0.023795
2047	495561.06	3859501.99	0.38565	0.53102	0.44891	0.32037	7.25E-04	4.7E-05	0.00975	3.6E-07	0.01052	8.88E-04	5.71E-05	0.012006	2E-07	1.30E-02	0.000783	4.39E-05	0.022863	2.07E-07	0.02369
2048	495611.06	3859501.99	0.37645	0.52531	0.44436	0.31597	7.07E-04	4.6E-05	0.00965	3.5E-07	0.0104	8.67E-04	5.65E-05	0.011885	1.98E-07	1.28E-02	0.000764	4.34E-05	0.022632	2.04E-07	0.023439
2049	495661.06	3859501.99	0.36523	0.51921	0.44078	0.31059	6.86E-04	4.6E-05	0.00957	3.5E-07	0.0103	8.41E-04	5.58E-05	0.011789	1.94E-07	1.27E-02	0.000742	4.29E-05	0.022449	2.01E-07	0.023234
2050	494311.06	3859551.99	0.49306	0.64983	0.56236	0.50477	9.27E-04	5.7E-05	0.01221	5.6E-07	0.0132	1.14E-03	6.99E-05	0.015041	3.16E-07	1.62E-02	0.001001	5.37E-05	0.028641	3.26E-07	0.029696
2051	494361.06	3859551.99	0.49243	0.6527	0.55871	0.48751	9.25E-04	5.7E-05	0.01213	5.4E-07	0.01312	1.13E-03	7.02E-05	0.014943	3.05E-07	1.61E-02	0.001	5.4E-05	0.028455	3.15E-07	0.02951
2052	494411.06	3859551.99	0.48823	0.65482	0.55358	0.45757	9.17E-04	5.7E-05	0.01202	5.1E-07	0.013	1.12E-03	7.04E-05	0.014806	2.86E-07	1.60E-02	0.000991	5.42E-05	0.028194	2.96E-07	0.02924
2053	494461.06	3859551.99	0.49157	0.65191	0.54856	0.47081	9.24E-04	5.7E-05	0.01191	5.3E-07	0.01289	1.13E-03	7.01E-05	0.014672	2.94E-07	1.59E-02	0.000998	5.39E-05	0.027938	3.04E-07	0.028991
2054	494511.06	3859551.99	0.48995	0.65373	0.54498	0.45885	9.21E-04	5.7E-05	0.01183	5.1E-07	0.01281	1.13E-03	7.03E-05	0.014576	2.87E-07	1.58E-02	0.000995	5.41E-05	0.027756	2.96E-07	0.028805
2055	494561.06	3859551.99	0.48876	0.6433	0.5423	0.45097	9.18E-04	5.6E-05	0.01178	5E-07	0.01275	1.13E-03	6.92E-05	0.014504	2.82E-07	1.57E-02	0.000992	5.32E-05	0.02762	2.91E-07	0.028666
2056	494611.06	3859551.99	0.48873	0.63387	0.53989	0.44185	9.18E-04	5.6E-05	0.01172	4.9E-07	0.0127	1.13E-03	6.81E-05	0.01444	2.76E-07	1.56E-02	0.000992	5.24E-05	0.027497	2.85E-07	0.028542
2057	494661.06	3859551.99	0.48391	0.60544	0.5366	0.426	9.09E-04	5.3E-05	0.01165	4.8E-07	0.01262	1.11E-03	6.51E-05	0.014352	2.66E-07	1.55E-02	0.000983	5.01E-05	0.027329	2.75E-07	0.028362
2058	494711.06	3859551.99	0.47545	0.57982	0.52783	0.39026	8.93E-04	5.1E-05	0.01146	4.4E-07	0.01241	1.09E-03	6.23E-05	0.014117	2.44E-07	1.53E-02	0.000965	4.8E-05	0.026883	2.52E-07	0.027896
2059	494761.06	3859551.99	0.46863	0.58642	0.51575	0.40082	8.81E-04	5.1E-05	0.0112	4.5E-07	0.01213	1.08E-03	6.3E-05	0.013794	2.51E-07	1.49E-02	0.000951	4.85E-05	0.026267	2.59E-07	0.027268
2060	494811.06	3859551.99	0.4594	0.59223	0.50155	0.38193	8.63E-04	5.2E-05	0.01089	4.3E-07	0.01181	1.06E-03	6.37E-05	0.013414	2.39E-07	1.45E-02	0.000933	4.9E-05	0.025544	2.47E-07	0.026526
2061	494861.06	3859551.99	0.45095	0.58862	0.48753	0.37717	8.47E-04	5.2E-05	0.01059	4.2E-07	0.01149	1.04E-03	6.33E-05	0.013039	2.36E-07	1.41E-02	0.000916	4.87E-05	0.02483	2.44E-07	0.025795
2062	494911.06	3859551.99	0.4419	0.5873	0.47629	0.36844	8.30E-04	5.2E-05	0.01034	4.1E-07	0.01123	1.02E-03	6.31E-05	0.012739	2.3E-07	1.38E-02	0.000897	4.86E-05	0.024258	2.38E-07	0.025204
2063	494961.06	3859551.99	0.43346	0.5815	0.47615	0.3697	8.15E-04	5.1E-05	0.01034	4.1E-07	0.01121	9.98E-04	6.25E-05	0.012735	2.31E-07	1.38E-02	0.00088	4.81E-05	0.024251	2.39E-07	0.025179
2064	495011.06	3859551.99	0.42507	0.58271	0.47655	0.36893	7.99E-04	5.1E-05	0.01035	4.1E-07	0.0112	9.79E-04	6.26E-05	0.012746	2.31E-07	1.38E-02	0.000863	4.82E-05	0.024271	2.38E-07	0.025182
2065	495061.06	3859551.99	0.4159	0.57713	0.47553	0.36198	7.82E-04	5.1E-05	0.01033	4E-07	0.01116	9.58E-04	6.2E-05	0.012718	2.26E-07	1.37E-02	0.000844	4.77E-05	0.024219	2.34E-07	0.025111
2066	495111.06	3859551.99	0.40719	0.56927	0.47342	0.35732	7.65E-04	5E-05	0.01028	4E-07	0.0111	9.38E-04	6.12E-05	0.012662	2.23E-07	1.37E-02	0.000827	4.71E-05	0.024112	2.31E-07	0.024986
2067	495161.06	3859551.99	0.40503	0.56221	0.4733	0.35747	7.61E-04	4.9E-05	0.01028	4E-07	0.01109	9.33E-04	6.04E-05	0.012659	2.24E-07	1.37E-02	0.000822	4.65E-05	0.024105	2.31E-07	0.024975
2068	495211.06	3859551.99	0.40325	0.55451	0.47356	0.35868	7.58E-04	4.9E-05	0.01028	4E-07	0.01109	9.29E-04	5.96E-05	0.012666	2.24E-07	1.37E-02	0.000819	4.59E-05	0.024119	2.32E-07	0.024984
2069	495261.06	3859551.99	0.39893	0.54358	0.46603	0.35542	7.50E-04	4.8E-05	0.01012	4E-07	0.01092	9.19E-04	5.84E-05	0.012464	2.22E-07	1.34E-02	0.00081	4.5E-05	0.023735	2.3E-07	0.02459
2070	495311.06	3859551.99	0.39555	0.53226	0.45693	0.35346	7.43E-04	4.7E-05	0.00992	3.9E-07	0.01071	9.11E-04	5.72E-05	0.012221	2.21E-07	1.32E-02	0.000803	4.4E-05	0.023272	2.28E-07	0.024119

2071	495361.06	3859551.99	0.39517	0.52067	0.45818	0.35221	7.43E-04	4.6E-05	0.00995	3.9E-07	0.01074	9.10E-04	5.6E-05	0.012254	2.2E-07	1.32E-02	0.000802	4.31E-05	0.023335	2.28E-07	0.024181
2072	495411.06	3859551.99	0.39525	0.51531	0.46499	0.35225	7.43E-04	4.5E-05	0.0101	3.9E-07	0.01089	9.10E-04	5.54E-05	0.012436	2.2E-07	1.34E-02	0.000803	4.26E-05	0.023682	2.28E-07	0.024528
2073	495461.06	3859551.99	0.39199	0.51806	0.46352	0.3446	7.37E-04	4.5E-05	0.01007	3.9E-07	0.01085	9.03E-04	5.57E-05	0.012397	2.16E-07	1.34E-02	0.000796	4.28E-05	0.023607	2.23E-07	0.024446
2074	495511.06	3859551.99	0.38838	0.51888	0.45803	0.3367	7.30E-04	4.6E-05	0.00995	3.8E-07	0.01072	8.94E-04	5.58E-05	0.01225	2.11E-07	1.32E-02	0.000789	4.29E-05	0.023328	2.17E-07	0.024159
2075	495561.06	3859551.99	0.38672	0.51735	0.44906	0.33384	7.27E-04	4.5E-05	0.00975	3.7E-07	0.01052	8.91E-04	5.56E-05	0.01201	2.09E-07	1.30E-02	0.000785	4.28E-05	0.022871	2.16E-07	0.023699
2076	495611.06	3859551.99	0.38477	0.51401	0.45036	0.3307	7.23E-04	4.5E-05	0.00978	3.7E-07	0.01055	8.86E-04	5.53E-05	0.012045	2.07E-07	1.30E-02	0.000781	4.25E-05	0.022937	2.14E-07	0.023761
2077	495661.06	3859551.99	0.38179	0.51012	0.44864	0.32562	7.17E-04	4.5E-05	0.00974	3.6E-07	0.01051	8.79E-04	5.48E-05	0.011999	2.04E-07	1.29E-02	0.000775	4.22E-05	0.022849	2.1E-07	0.023667
2078	494311.06	3859601.99	0.47997	0.62312	0.5676	0.51662	9.02E-04	5.5E-05	0.01233	5.8E-07	0.01328	1.11E-03	6.7E-05	0.015181	3.23E-07	1.64E-02	0.000975	5.15E-05	0.028908	3.34E-07	0.029935
2079	494361.06	3859601.99	0.47952	0.62522	0.56301	0.48586	9.01E-04	5.5E-05	0.01223	5.4E-07	0.01318	1.10E-03	6.72E-05	0.015058	3.04E-07	1.62E-02	0.000974	5.17E-05	0.028674	3.14E-07	0.0297
2080	494411.06	3859601.99	0.47911	0.6314	0.5591	0.47303	9.00E-04	5.5E-05	0.01214	5.3E-07	0.0131	1.10E-03	6.79E-05	0.014954	2.96E-07	1.61E-02	0.000973	5.22E-05	0.028475	3.06E-07	0.029501
2081	494461.06	3859601.99	0.48259	0.63306	0.55452	0.48389	9.07E-04	5.6E-05	0.01204	5.4E-07	0.013	1.11E-03	6.81E-05	0.014831	3.03E-07	1.60E-02	0.00098	5.24E-05	0.028242	3.13E-07	0.029275
2082	494511.06	3859601.99	0.48069	0.63627	0.55025	0.4658	9.03E-04	5.6E-05	0.01195	5.2E-07	0.01291	1.11E-03	6.84E-05	0.014717	2.91E-07	1.59E-02	0.000976	5.26E-05	0.028025	3.01E-07	0.029053
2083	494561.06	3859601.99	0.48303	0.63546	0.545	0.47198	9.08E-04	5.6E-05	0.01184	5.3E-07	0.0128	1.11E-03	6.83E-05	0.014576	2.95E-07	1.58E-02	0.000981	5.26E-05	0.027757	3.05E-07	0.028791
2084	494611.06	3859601.99	0.48395	0.63351	0.53924	0.47218	9.09E-04	5.6E-05	0.01171	5.3E-07	0.01268	1.11E-03	6.81E-05	0.014422	2.95E-07	1.56E-02	0.000983	5.24E-05	0.027464	3.05E-07	0.028499
2085	494661.06	3859601.99	0.48053	0.63465	0.53602	0.44866	9.03E-04	5.6E-05	0.01164	5E-07	0.0126	1.11E-03	6.82E-05	0.014336	2.81E-07	1.55E-02	0.000976	5.25E-05	0.0273	2.9E-07	0.028328
2086	494711.06	3859601.99	0.47635	0.62709	0.53178	0.42734	8.95E-04	5.5E-05	0.01155	4.8E-07	0.0125	1.10E-03	6.74E-05	0.014223	2.67E-07	1.54E-02	0.000967	5.19E-05	0.027084	2.76E-07	0.028103
2087	494761.06	3859601.99	0.47698	0.62083	0.53166	0.43122	8.96E-04	5.4E-05	0.01155	4.8E-07	0.0125	1.10E-03	6.67E-05	0.01422	2.7E-07	1.54E-02	0.000968	5.13E-05	0.027078	2.79E-07	0.028098
2088	494811.06	3859601.99	0.47007	0.59231	0.52642	0.40354	8.83E-04	5.2E-05	0.01143	4.5E-07	0.01237	1.08E-03	6.37E-05	0.014079	2.52E-07	1.52E-02	0.000954	4.9E-05	0.026811	2.61E-07	0.027815
2089	494861.06	3859601.99	0.46262	0.56597	0.51584	0.39321	8.69E-04	5E-05	0.0112	4.4E-07	0.01212	1.07E-03	6.08E-05	0.013796	2.46E-07	1.49E-02	0.000939	4.68E-05	0.026272	2.54E-07	0.027258
2090	494911.06	3859601.99	0.45434	0.56754	0.50233	0.3803	8.54E-04	5E-05	0.01091	4.2E-07	0.01181	1.05E-03	6.1E-05	0.013435	2.38E-07	1.45E-02	0.000922	4.69E-05	0.025584	2.46E-07	0.026554
2091	494961.06	3859601.99	0.44698	0.57736	0.48891	0.38985	8.40E-04	5.1E-05	0.01062	4.4E-07	0.01151	1.03E-03	6.21E-05	0.013076	2.44E-07	1.42E-02	0.000908	4.77E-05	0.0249	2.52E-07	0.025856
2092	495011.06	3859601.99	0.43823	0.57344	0.4759	0.3789	8.24E-04	5E-05	0.01033	4.2E-07	0.01121	1.01E-03	6.16E-05	0.012728	2.37E-07	1.38E-02	0.00089	4.74E-05	0.024238	2.45E-07	0.025175
2093	495061.06	3859601.99	0.43041	0.57479	0.47315	0.37796	8.09E-04	5E-05	0.01027	4.2E-07	0.01113	9.91E-04	6.18E-05	0.012655	2.36E-07	1.37E-02	0.000874	4.75E-05	0.024098	2.44E-07	0.025019
2094	495111.06	3859601.99	0.42162	0.57301	0.47193	0.37362	7.92E-04	5E-05	0.01025	4.2E-07	0.01109	9.71E-04	6.16E-05	0.012622	2.34E-07	1.37E-02	0.000856	4.74E-05	0.024036	2.41E-07	0.024939
2095	495161.06	3859601.99	0.4134	0.57106	0.47251	0.37585	7.77E-04	5E-05	0.01026	4.2E-07	0.01109	9.52E-04	6.14E-05	0.012638	2.35E-07	1.37E-02	0.000839	4.72E-05	0.024065	2.43E-07	0.024952
2096	495211.06	3859601.99	0.40902	0.56712	0.47223	0.37016	7.69E-04	5E-05	0.01025	4.1E-07	0.01107	9.42E-04	6.1E-05	0.01263	2.32E-07	1.36E-02	0.00083	4.69E-05	0.024051	2.39E-07	0.024929
2097	495261.06	3859601.99	0.40645	0.56205	0.47209	0.36745	7.64E-04	4.9E-05	0.01025	4.1E-07	0.01107	9.36E-04	6.04E-05	0.012626	2.3E-07	1.36E-02	0.000825	4.65E-05	0.024044	2.37E-07	0.024916
2098	495311.06	3859601.99	0.40383	0.5559	0.47189	0.36739	7.59E-04	4.9E-05	0.01025	4.1E-07	0.01106	9.30E-04	5.98E-05	0.012621	2.3E-07	1.36E-02	0.00082	4.6E-05	0.024034	2.37E-07	0.0249
2099	495361.06	3859601.99	0.40013	0.54784	0.4673	0.3651	7.52E-04	4.8E-05	0.01015	4.1E-07	0.01095	9.21E-04	5.89E-05	0.012498	2.28E-07	1.35E-02	0.000812	4.53E-05	0.0238	2.36E-07	0.024658
2100	495411.06	3859601.99	0.39699	0.53933	0.46015	0.36463	7.46E-04	4.7E-05	0.00999	4.1E-07	0.01079	9.14E-04	5.8E-05	0.012307	2.28E-07	1.33E-02	0.000806	4.46E-05	0.023436	2.36E-07	0.024287
2101	495461.06	3859601.99	0.39274	0.52724	0.45069	0.35757	7.38E-04	4.6E-05	0.00979	4E-07	0.01057	9.04E-04	5.67E-05	0.012054	2.24E-07	1.30E-02	0.000797	4.36E-05	0.022954	2.31E-07	0.023795
2102	495511.06	3859601.99	0.38798	0.51408	0.44917	0.35151	7.29E-04	4.5E-05	0.00975	3.9E-07	0.01053	8.93E-04	5.53E-05	0.012013	2.2E-07	1.30E-02	0.000788	4.25E-05	0.022876	2.27E-07	0.023707
2103	495561.06	3859601.99	0.38853	0.50882	0.45654	0.35248	7.30E-04	4.5E-05	0.00991	3.9E-07	0.01069	8.95E-04	5.47E-05	0.01221	2.2E-07	1.32E-02	0.000789	4.21E-05	0.023252	2.28E-07	0.024083
2104	495611.06	3859601.99	0.38403	0.50751	0.45733	0.34223	7.22E-04	4.5E-05	0.00993	3.8E-07	0.0107	8.84E-04	5.46E-05	0.012232	2.14E-07	1.32E-02	0.00078	4.2E-05	0.023292	2.21E-07	0.024114
2105	495661.06	3859601.99	0.38334	0.5104	0.45052	0.3415	7.20E-04	4.5E-05	0.00978	3.8E-07	0.01055	8.83E-04	5.49E-05	0.012049	2.14E-07	1.30E-02	0.000778	4.22E-05	0.022945	2.21E-07	0.023766
2106	494311.06	3859651.99	0.48357	0.6022	0.58115	0.51469	9.09E-04	5.3E-05	0.01262	5.8E-07	0.01358	1.11E-03	6.47E-05	0.015543	3.22E-07	1.67E-02	0.000982	4.98E-05	0.029598	3.32E-07	0.03063
2107	494361.06	3859651.99	0.4842	0.6017	0.58301	0.48901	9.10E-04	5.3E-05	0.01266	5.5E-07	0.01362	1.12E-03	6.47E-05	0.015593	3.06E-07	1.68E-02	0.000983	4.98E-05	0.029693	3.16E-07	0.030726
2108	494411.06	3859651.99	0.47525	0.60129	0.57155	0.48501	8.93E-04	5.3E-05	0.01241	5.4E-07	0.01336	1.09E-03	6.46E-05	0.015286	3.03E-07	1.64E-02	0.000965	4.97E-05	0.029109	3.13E-07	0.030124
2109	494461.06	3859651.99	0.47077	0.60207	0.55528	0.49519	8.85E-04	5.3E-05	0.01206	5.5E-07	0.013	1.08E-03	6.47E-05	0.014851	3.1E-07	1.60E-02	0.000956	4.98E-05	0.028281	3.2E-07	0.029287
2110	494511.06	3859651.99	0.47203	0.60532	0.55278	0.48907	8.87E-04	5.3E-05	0.012	5.5E-07	0.01294	1.09E-03	6.51E-05	0.014784	3.06E-07	1.59E-02	0.000958	5.01E-05	0.028153	3.16E-07	0.029162
2111	494561.06	3859651.99	0.47364	0.6099	0.54907	0.48833	8.90E-04	5.4E-05	0.01192	5.5E-07	0.01287	1.09E-03	6.56E-05	0.014685	3.05E-07	1.58E-02	0.000962	5.04E-05	0.027964	3.15E-07	0.028977
2112	494611.06	3859651.99	0.47493	0.61327	0.54489	0.48624	8.92E-04	5.4E-05	0.01183	5.4E-07	0.01278	1.09E-03	6.59E-05	0.014573	3.04E-07	1.57E-02	0.000964	5.07E-05	0.027752	3.14E-07	0.028767
2113	494661.06	3859651.99	0.4726	0.61761	0.54129	0.46095	8.88E-04	5.4E-05	0.01175	5.2E-07	0.0127	1.09E-03	6.64E-05	0.014477	2.88E-07	1.56E-02	0.00096	5.11E-05	0.027568	2.98E-07	0.028579
2114	494711.06	3859651.99	0.47332	0.618	0.53596	0.45931	8.89E-04	5.4E-05	0.01164	5.1E-07	0.01258	1.09E-03	6.64E-05	0.014335	2.87E-07	1.55E-02	0.000961	5.11E-05	0.027297	2.97E-07	0.028309
2115	494761.06	3859651.99	0.47444	0.61701	0.53042	0.45961	8.92E-04	5.4E-05	0.01152	5.1E-07	0.01246	1.09E-03	6.63E-05	0.014186	2.87E-07	1.53E-02	0.000963	5.1E-05	0.027015	2.97E-07	0.028029
2116	494811.06	3859651.99	0.47295	0.61648	0.52817	0.44059	8.89E-04	5.4E-05	0.01147	4.9E-07	0.01241	1.09E-03	6.63E-05	0.014126	2.76E-07	1.53E-02	0.00096	5.1E-05	0.0269	2.85E-07	0.027912
2117	494861.06	3859651.99	0.46994	0.61125	0.5258	0.42851	8.83E-04	5.4E-05	0.01142	4.8E-07	0.01236	1.08E-03	6.57E-05	0.014063	2.68E-07	1.52E-02	0.000954	5.05E-05	0.026779	2.77E-07	0.027784
2118	494911.06	3859651.99	0.46322	0.6061	0.52272	0.41254	8.70E-04	5.3E-05	0.01135	4.6E-07	0.01228	1.07E-03	6.52E-05	0.01398	2.58E-07	1.51E-02	0.000941	5.01E-05	0.026622	2.66E-07	0.027613
2119	494961.06	3859651.99	0.4559	0.58509	0.51543	0.40386	8.57E-04	5.1E-05	0.01119	4.5E-07	0.0121	1.05E-03	6.29E-05	0.013786	2.53E-07	1.49E-02	0.000926	4.84E-05	0.026251	2.61E-07	0.027225
2120	495011.06	3859651.99	0.44863	0.56031	0.50252	0.40216	8.43E-04	4.9E-05	0.01091	4.5E-07	0.01181	1.03E-03	6.02E-05	0.01344	2.52E-07	1.45E-02	0.000911	4.63E-05	0.025594	2.6E-07	0.026551
2121	495061.06	3859651.99	0.44103	0.55172	0.48913	0.40492	8.29E-04	4.8E-05	0.01062	4.5E-07	0.0115	1.02E-03	5.93E-05	0.013082	2.53E-07	1.42E-02	0.000895	4.56E-05	0.024912	2.62E-07	0.025853
2122	495111.06	3859651.99	0.43356	0.56066	0.47661	0.38979	8.15E-04	4.9E-05	0.01035	4.4E-07	0.01121	9.98E-04	6.03E-05	0.012747	2.44E-07	1.38E-02	0.00088	4.64E-05	0.024274	2.52E-07	0.025201
2123	495161.06	3859651.99	0.42578	0.56115	0.47095	0.38115	8.00E-04	4.9E-05	0.01023	4.3E-07	0.01108	9.80E-04	6.03E-05	0.012596	2.38E-07	1.36E-02	0.000864	4.64E-05	0.023986	2.46E-07	0.024897
2124	495211.06	3859651.99	0.41786	0.56045	0.46869	0.38086	7.85E-04	4.9E-05	0.01018	4.3E-07	0.01101	9.62E-04	6.02E-05	0.012535	2.38E-07	1.36E-02	0.000848	4.63E-05	0.023871	2.46E-07	0.024766
2125	495261.06	3859651.99	0.411	0.56037	0.46826	0.37934	7.72E-04	4.9E-05	0.01017	4.2E-07	0.01099	9.46E-04	6.02E-05	0.012524	2.37E-07	1.35E-02	0.000834	4.63E-05	0.023849	2.45E-07	0.02473
2126	495311.06	3859651.99	0.40838	0.55888	0.46851	0.37927	7.67E-04	4.9E-05	0.01017	4.2E-07	0.01099	9.40E-04	6.01E-05	0.012531	2.37E-07	1.35E-02	0.000829	4.62E-05	0.023861	2.45E-07	0.024737
2127	495361.06	3859651.99	0.40569	0.55611	0.46861	0.37958	7.62E-04	4.9E-05	0.01018	4.2E-07	0.01099	9.34E-04	5.98E-05	0.012533	2.37E-07	1.35E-02	0.000824	4.6E-05	0.023867	2.45E-07	0.024737
2128	495411.06	3859651.99	0.40238	0.55181	0.46819	0.3767	7.56E-04	4.8E-05	0.01017	4.2E-07	0.01097	9.27E-04	5.93E-05	0.012522	2.36E-07	1.35E-02	0.000817	4.56E-05	0.023845	2.43E-07	0.024708
2129	495461.06	3859651.99	0.39758	0.54543	0.46585	0.36797	7.47E-04	4.8E-05	0.01012	4.1E-07	0.01091	9.16E-04	5.86E-05	0.012459	2.3E-07	1.34E-02	0.000807	4.51E-05	0.023726	2.38E-07	0.024579
2130	495511.06	3859651.99	0.3929	0.53765	0.45804	0.36277	7.38E-04	4.7E-05	0.00995	4.1E-07	0.01073	9.05E-04	5.78E-05	0.012251	2.27E-07	1.32E-02	0.000798	4.45E-05	0.023328	2.34E-07	0.024171
2131	495561.06	3859651.99	0.38954	0.52978	0.44625	0.36178	7.32E-04	4.6E-05	0.00969	4E-07	0.01047	8.97E-04	5.7E-05	0.011935	2.26E-07	1.29E-02	0.000791	4.38E-05	0.022728	2.34E-07	0.023563

2132	495611.06	3859651.99	0.38697	0.52022	0.44285	0.3587		7.27E-04	4.6E-05	0.00962	4E-07	0.01039		8.91E-04	5.59E-05	0.011844	2.24E-07	1.28E-02		0.000786	4.3E-05	0.022555	2.32E-07	0.023384
2133	495661.06	3859651.99	0.3834	0.5093	0.442	0.35488		7.20E-04	4.5E-05	0.0096	4E-07	0.01036		8.83E-04	5.48E-05	0.011822	2.22E-07	1.28E-02		0.000778	4.21E-05	0.022511	2.29E-07	0.023332
2134	494311.06	3859701.99	0.50298	0.58685	0.56849	0.51379		9.45E-04	5.1E-05	0.01235	5.7E-07	0.01334		1.16E-03	6.31E-05	0.015205	3.21E-07	1.64E-02		0.001021	4.85E-05	0.028954	3.32E-07	0.030024
2135	494361.06	3859701.99	0.49787	0.59204	0.5738	0.50316		9.36E-04	5.2E-05	0.01246	5.6E-07	0.01345		1.15E-03	6.36E-05	0.015347	3.15E-07	1.66E-02		0.001011	4.9E-05	0.029224	3.25E-07	0.030284
2136	494411.06	3859701.99	0.48782	0.58103	0.57604	0.49718		9.17E-04	5.1E-05	0.01251	5.6E-07	0.01348		1.12E-03	6.25E-05	0.015407	3.11E-07	1.66E-02		0.00099	4.81E-05	0.029338	3.21E-07	0.030377
2137	494461.06	3859701.99	0.47165	0.58299	0.56975	0.50332		8.86E-04	5.1E-05	0.01237	5.6E-07	0.01331		1.09E-03	6.27E-05	0.015238	3.15E-07	1.64E-02		0.000958	4.82E-05	0.029018	3.25E-07	0.030024
2138	494511.06	3859701.99	0.46485	0.58415	0.55995	0.50009		8.74E-04	5.1E-05	0.01216	5.6E-07	0.01309		1.07E-03	6.28E-05	0.014976	3.13E-07	1.61E-02		0.000944	4.83E-05	0.028519	3.23E-07	0.029511
2139	494561.06	3859701.99	0.46161	0.58452	0.54691	0.50082		8.67E-04	5.1E-05	0.01188	5.6E-07	0.0128		1.06E-03	6.28E-05	0.014627	3.13E-07	1.58E-02		0.000937	4.83E-05	0.027854	3.24E-07	0.02884
2140	494611.06	3859701.99	0.46274	0.58421	0.54426	0.50031		8.70E-04	5.1E-05	0.01182	5.6E-07	0.01274		1.07E-03	6.28E-05	0.014557	3.13E-07	1.57E-02		0.00094	4.83E-05	0.027719	3.23E-07	0.028708
2141	494661.06	3859701.99	0.46308	0.58846	0.54522	0.47417		8.70E-04	5.2E-05	0.01184	5.3E-07	0.01276		1.07E-03	6.33E-05	0.014582	2.97E-07	1.57E-02		0.00094	4.87E-05	0.027768	3.06E-07	0.028758
2142	494711.06	3859701.99	0.46521	0.59238	0.54063	0.47973		8.74E-04	5.2E-05	0.01174	5.4E-07	0.01267		1.07E-03	6.37E-05	0.01446	3E-07	1.56E-02		0.000945	4.9E-05	0.027535	3.1E-07	0.028528
2143	494761.06	3859701.99	0.46576	0.59697	0.5369	0.47173		8.75E-04	5.2E-05	0.01166	5.3E-07	0.01259		1.07E-03	6.42E-05	0.01436	2.95E-07	1.55E-02		0.000946	4.94E-05	0.027345	3.05E-07	0.02834
2144	494811.06	3859701.99	0.46555	0.60006	0.53244	0.46287		8.75E-04	5.3E-05	0.01156	5.2E-07	0.01249		1.07E-03	6.45E-05	0.01424	2.89E-07	1.54E-02		0.000945	4.96E-05	0.027117	2.99E-07	0.028113
2145	494861.06	3859701.99	0.46728	0.59982	0.52643	0.46271		8.78E-04	5.3E-05	0.01143	5.2E-07	0.01236		1.08E-03	6.45E-05	0.01408	2.89E-07	1.52E-02		0.000949	4.96E-05	0.026811	2.99E-07	0.02781
2146	494911.06	3859701.99	0.46707	0.60103	0.52187	0.44812		8.78E-04	5.3E-05	0.01133	5E-07	0.01226		1.08E-03	6.46E-05	0.013958	2.8E-07	1.51E-02		0.000948	4.97E-05	0.026579	2.89E-07	0.027577
2147	494961.06	3859701.99	0.46237	0.60074	0.52002	0.43341		8.69E-04	5.3E-05	0.01129	4.8E-07	0.01221		1.06E-03	6.46E-05	0.013908	2.71E-07	1.50E-02		0.000939	4.97E-05	0.026485	2.8E-07	0.027474
2148	495011.06	3859701.99	0.45523	0.59491	0.51745	0.42259		8.55E-04	5.2E-05	0.01124	4.7E-07	0.01215		1.05E-03	6.4E-05	0.01384	2.64E-07	1.50E-02		0.000924	4.92E-05	0.026354	2.73E-07	0.027328
2149	495061.06	3859701.99	0.4482	0.5906	0.51379	0.41482		8.42E-04	5.2E-05	0.01116	4.6E-07	0.01205		1.03E-03	6.35E-05	0.013742	2.59E-07	1.48E-02		0.00091	4.88E-05	0.026168	2.68E-07	0.027127
2150	495111.06	3859701.99	0.44097	0.57769	0.50126	0.41503		8.29E-04	5.1E-05	0.01089	4.6E-07	0.01177		1.02E-03	6.21E-05	0.013407	2.6E-07	1.45E-02		0.000895	4.78E-05	0.025529	2.68E-07	0.026473
2151	495161.06	3859701.99	0.43428	0.55335	0.48859	0.41338		8.16E-04	4.9E-05	0.01061	4.6E-07	0.01148		1.00E-03	5.95E-05	0.013068	2.59E-07	1.41E-02		0.000882	4.58E-05	0.024884	2.67E-07	0.025812
2152	495211.06	3859701.99	0.42721	0.54492	0.47581	0.40087		8.03E-04	4.8E-05	0.01033	4.5E-07	0.01118		9.84E-04	5.86E-05	0.012726	2.51E-07	1.38E-02		0.000867	4.51E-05	0.024233	2.59E-07	0.025146
2153	495261.06	3859701.99	0.41915	0.54275	0.46795	0.39655		7.88E-04	4.8E-05	0.01016	4.4E-07	0.011		9.65E-04	5.83E-05	0.012516	2.48E-07	1.35E-02		0.000851	4.49E-05	0.023833	2.56E-07	0.024729
2154	495311.06	3859701.99	0.41169	0.55124	0.46566	0.38574		7.74E-04	4.8E-05	0.01011	4.3E-07	0.01093		9.48E-04	5.93E-05	0.012454	2.41E-07	1.35E-02		0.000836	4.56E-05	0.023716	2.49E-07	0.024598
2155	495361.06	3859701.99	0.40742	0.54511	0.46307	0.38353		7.66E-04	4.8E-05	0.01006	4.3E-07	0.01087		9.38E-04	5.86E-05	0.012385	2.4E-07	1.34E-02		0.000827	4.51E-05	0.023584	2.48E-07	0.024457
2156	495411.06	3859701.99	0.40421	0.54596	0.46225	0.37906		7.60E-04	4.8E-05	0.01004	4.2E-07	0.01085		9.31E-04	5.87E-05	0.012363	2.37E-07	1.34E-02		0.000821	4.52E-05	0.023543	2.45E-07	0.024409
2157	495461.06	3859701.99	0.40113	0.54639	0.46235	0.37625		7.54E-04	4.8E-05	0.01004	4.2E-07	0.01084		9.24E-04	5.87E-05	0.012366	2.35E-07	1.33E-02		0.000814	4.52E-05	0.023548	2.43E-07	0.024408
2158	495511.06	3859701.99	0.39636	0.54255	0.46107	0.36717		7.45E-04	4.8E-05	0.01001	4.1E-07	0.01081		9.13E-04	5.83E-05	0.012332	2.3E-07	1.33E-02		0.000805	4.49E-05	0.023483	2.37E-07	0.024332
2159	495561.06	3859701.99	0.39458	0.5396	0.46168	0.37115		7.41E-04	4.7E-05	0.01003	4.1E-07	0.01082		9.09E-04	5.8E-05	0.012348	2.32E-07	1.33E-02		0.000801	4.46E-05	0.023514	2.4E-07	0.02436
2160	495611.06	3859701.99	0.39106	0.5348	0.45703	0.36847		7.35E-04	4.7E-05	0.00992	4.1E-07	0.01071		9.01E-04	5.75E-05	0.012224	2.3E-07	1.32E-02		0.000794	4.42E-05	0.023277	2.38E-07	0.024115
2161	495661.06	3859701.99	0.38719	0.52858	0.4484	0.36458		7.28E-04	4.6E-05	0.00974	4.1E-07	0.01051		8.92E-04	5.68E-05	0.011993	2.28E-07	1.29E-02		0.000786	4.37E-05	0.022837	2.36E-07	0.023667
2162	494311.06	3859751.99	0.50406	0.55639	0.56733	0.53707		9.47E-04	4.9E-05	0.01232	6E-07	0.01332		1.16E-03	5.98E-05	0.015174	3.36E-07	1.64E-02		0.001023	4.6E-05	0.028894	3.47E-07	0.029964
2163	494361.06	3859751.99	0.49789	0.56818	0.56178	0.52885		9.36E-04	5E-05	0.0122	5.9E-07	0.01319		1.15E-03	6.11E-05	0.015025	3.31E-07	1.62E-02		0.001011	4.7E-05	0.028612	3.42E-07	0.02967
2164	494411.06	3859751.99	0.493	0.58181	0.55677	0.51857		9.26E-04	5.1E-05	0.01209	5.8E-07	0.01307		1.14E-03	6.25E-05	0.014891	3.24E-07	1.61E-02		0.001001	4.81E-05	0.028357	3.35E-07	0.029406
2165	494461.06	3859751.99	0.47823	0.56524	0.55262	0.51781		8.99E-04	5E-05	0.012	5.8E-07	0.01295		1.10E-03	6.08E-05	0.01478	3.24E-07	1.59E-02		0.000971	4.67E-05	0.028145	3.34E-07	0.029163
2166	494511.06	3859751.99	0.46614	0.56223	0.553	0.51348		8.76E-04	4.9E-05	0.01201	5.7E-07	0.01293		1.07E-03	6.04E-05	0.01479	3.21E-07	1.59E-02		0.000946	4.65E-05	0.028165	3.32E-07	0.029158
2167	494561.06	3859751.99	0.45955	0.56272	0.55559	0.50988		8.64E-04	4.9E-05	0.01207	5.7E-07	0.01298		1.06E-03	6.05E-05	0.01486	3.19E-07	1.60E-02		0.000933	4.65E-05	0.028297	3.29E-07	0.029276
2168	494611.06	3859751.99	0.45487	0.56487	0.54969	0.50331		8.55E-04	5E-05	0.01194	5.6E-07	0.01284		1.05E-03	6.07E-05	0.014702	3.15E-07	1.58E-02		0.000924	4.67E-05	0.027996	3.25E-07	0.028967
2169	494661.06	3859751.99	0.45689	0.56554	0.54534	0.48634		8.59E-04	5E-05	0.01184	5.4E-07	0.01275		1.05E-03	6.08E-05	0.014585	3.04E-07	1.57E-02		0.000928	4.68E-05	0.027774	3.14E-07	0.028749
2170	494711.06	3859751.99	0.45292	0.56626	0.53897	0.49281		8.51E-04	5E-05	0.0117	5.5E-07	0.01261		1.04E-03	6.09E-05	0.014415	3.08E-07	1.55E-02		0.00092	4.68E-05	0.02745	3.18E-07	0.028417
2171	494761.06	3859751.99	0.45475	0.56623	0.53588	0.49306		8.55E-04	5E-05	0.01164	5.5E-07	0.01254		1.05E-03	6.09E-05	0.014332	3.08E-07	1.54E-02		0.000923	4.68E-05	0.027293	3.19E-07	0.028263
2172	494811.06	3859751.99	0.45647	0.56793	0.53375	0.48718		8.58E-04	5E-05	0.01159	5.4E-07	0.0125		1.05E-03	6.11E-05	0.014276	3.05E-07	1.54E-02		0.000927	4.7E-05	0.027184	3.15E-07	0.028158
2173	494861.06	3859751.99	0.45779	0.57292	0.52996	0.48527		8.60E-04	5E-05	0.01151	5.4E-07	0.01242		1.05E-03	6.16E-05	0.014174	3.04E-07	1.53E-02		0.000929	4.74E-05	0.026991	3.13E-07	0.027968
2174	494911.06	3859751.99	0.4588	0.57685	0.52565	0.47936		8.62E-04	5.1E-05	0.01142	5.4E-07	0.01233		1.06E-03	6.2E-05	0.014059	3E-07	1.52E-02		0.000932	4.77E-05	0.026772	3.1E-07	0.027751
2175	494961.06	3859751.99	0.45954	0.57948	0.52077	0.46803		8.64E-04	5.1E-05	0.01131	5.2E-07	0.01222		1.06E-03	6.23E-05	0.013928	2.93E-07	1.50E-02		0.000933	4.79E-05	0.026523	3.02E-07	0.027504
2176	495011.06	3859751.99	0.45906	0.58114	0.51557	0.45535		8.63E-04	5.1E-05	0.0112	5.1E-07	0.01211		1.06E-03	6.25E-05	0.013789	2.85E-07	1.49E-02		0.000932	4.81E-05	0.026258	2.94E-07	0.027239
2177	495061.06	3859751.99	0.45214	0.58525	0.51082	0.44494		8.50E-04	5.1E-05	0.01109	5E-07	0.01199		1.04E-03	6.29E-05	0.013662	2.78E-07	1.48E-02		0.000918	4.84E-05	0.026016	2.87E-07	0.026983
2178	495111.06	3859751.99	0.4457	0.58619	0.50921	0.4316		8.38E-04	5.1E-05	0.01106	4.8E-07	0.01195		1.03E-03	6.3E-05	0.013619	2.7E-07	1.47E-02		0.000905	4.85E-05	0.025934	2.79E-07	0.026888
2179	495161.06	3859751.99	0.4392	0.57797	0.50734	0.42404		8.25E-04	5.1E-05	0.01102	4.7E-07	0.01189		1.01E-03	6.21E-05	0.013569	2.65E-07	1.46E-02		0.000892	4.78E-05	0.025839	2.74E-07	0.026779
2180	495211.06	3859751.99	0.4332	0.57493	0.49911	0.42207		8.14E-04	5E-05	0.01084	4.7E-07	0.0117		9.98E-04	6.18E-05	0.013349	2.64E-07	1.44E-02		0.00088	4.75E-05	0.02542	2.73E-07	0.026347
2181	495261.06	3859751.99	0.42606	0.56988	0.48632	0.42158		8.01E-04	5E-05	0.01056	4.7E-07	0.01141		9.81E-04	6.13E-05	0.013007	2.64E-07	1.40E-02		0.000865	4.71E-05	0.024769	2.72E-07	0.025681
2182	495311.06	3859751.99	0.41931	0.54547	0.47385	0.41021		7.88E-04	4.8E-05	0.01029	4.6E-07	0.01113		9.66E-04	5.86E-05	0.012673	2.57E-07	1.37E-02		0.000851	4.51E-05	0.024133	2.65E-07	0.02503
2183	495361.06	3859751.99	0.4122	0.53726	0.46475	0.40014		7.75E-04	4.7E-05	0.01009	4.5E-07	0.01091		9.49E-04	5.78E-05	0.01243	2.5E-07	1.34E-02		0.000837	4.44E-05	0.02367	2.58E-07	0.024552
2184	495411.06	3859751.99	0.40487	0.52909	0.46172	0.39543		7.61E-04	4.6E-05	0.01003	4.4E-07	0.01083		9.32E-04	5.69E-05	0.012349	2.47E-07	1.33E-02		0.000822	4.38E-05	0.023516	2.55E-07	0.024382
2185	495461.06	3859751.99	0.40212	0.53401	0.45936	0.38573		7.56E-04	4.7E-05	0.00998	4.3E-07	0.01078		9.26E-04	5.74E-05	0.012286	2.41E-07	1.33E-02		0.000816	4.42E-05	0.023395	2.49E-07	0.024256
2186	495511.06	3859751.99	0.39939	0.53083	0.45655	0.38056		7.51E-04	4.7E-05	0.00991	4.3E-07	0.01071		9.20E-04	5.71E-05	0.012211	2.38E-07	1.32E-02		0.000811	4.39E-05	0.023252	2.46E-07	0.024107
2187	495561.06	3859751.99	0.39673	0.53156	0.45603	0.37842		7.46E-04	4.7E-05	0.0099	4.2E-07	0.0107		9.14E-04	5.71E-05	0.012197	2.37E-07	1.32E-02		0.000806	4.4E-05	0.023226	2.44E-07	0.024076
2188	495611.06	3859751.99	0.39389	0.53176	0.45631	0.37637		7.40E-04	4.7E-05	0.00991	4.2E-07	0.0107		9.07E-04	5.72E-05	0.012204	2.35E-07	1.32E-02		0.0008	4.4E-05	0.02324	2.43E-07	0.024084
2189	495661.06	3859751.99	0.39107	0.53031	0.45643	0.37562		7.35E-04	4.7E-05	0.00991	4.2E-07	0.01069		9.01E-04	5.7E-05	0.012208	2.35E-07	1.32E-02		0.000794	4.39E-05	0.023246	2.43E-07	0.024084
2190	494311.06	3859801.99	0.49897	0.56052	0.57977	0.55847		9.38E-04	4.9E-05	0.01259	6.2E-07	0.01358		1.15E-03	6.03E-05	0.015506	3.49E-07	1.67E-02		0.001013	4.64E-05	0.029528	3.61E-07	0.030588
2191	494361.06	3859801.99	0.49758	0.56141	0.57094	0.5478		9.35E-04	4.9E-05	0.0124	6.1E-07	0.01338		1.15E-03	6.04E-05	0.01527	3.43E-07	1.65E-02		0.00101	4.64E-05	0.029078	3.54E-07	0.030135
2192	494411.06	3859801.99	0.49647	0.55571	0.56166	0.53622		9.33E-04	4.9E-05	0.0122	6E-07	0.01318		1.14E-03	5.97E-05	0.015022	3.35E-07	1.62E-02		0.001008	4.6E-05	0.028606	3.46E-07	0.02966

2193	494461.06	3859801.99	0.48254	0.53279	0.54998	0.53524	9.07E-04	4.7E-05	0.01194	6E-07	0.0129	1.11E-03	5.73E-05	0.01471	3.35E-07	1.59E-02	0.00098	4.41E-05	0.028011	3.46E-07	0.029035
2194	494511.06	3859801.99	0.46709	0.54574	0.53982	0.53445	8.78E-04	4.8E-05	0.01172	6E-07	0.01265	1.08E-03	5.87E-05	0.014438	3.34E-07	1.56E-02	0.000948	4.51E-05	0.027493	3.45E-07	0.028487
2195	494561.06	3859801.99	0.46032	0.55289	0.53311	0.52652	8.65E-04	4.9E-05	0.01158	5.9E-07	0.01249	1.06E-03	5.94E-05	0.014258	3.29E-07	1.54E-02	0.000935	4.57E-05	0.027152	3.4E-07	0.028132
2196	494611.06	3859801.99	0.46163	0.54895	0.5429	0.51183	8.67E-04	4.8E-05	0.01179	5.7E-07	0.01271	1.06E-03	5.9E-05	0.01452	3.2E-07	1.56E-02	0.000937	4.54E-05	0.02765	3.31E-07	0.028633
2197	494661.06	3859801.99	0.4562	0.55074	0.54813	0.50229	8.57E-04	4.8E-05	0.0119	5.6E-07	0.01281	1.05E-03	5.92E-05	0.01466	3.14E-07	1.58E-02	0.000926	4.55E-05	0.027917	3.24E-07	0.028889
2198	494711.06	3859801.99	0.45146	0.54579	0.54528	0.4937	8.48E-04	4.8E-05	0.01184	5.5E-07	0.01274	1.04E-03	5.87E-05	0.014584	3.09E-07	1.57E-02	0.000917	4.51E-05	0.027771	3.19E-07	0.028734
2199	494761.06	3859801.99	0.44344	0.5475	0.5291	0.5037	8.33E-04	4.8E-05	0.01149	5.6E-07	0.01237	1.02E-03	5.89E-05	0.014151	3.15E-07	1.52E-02	0.0009	4.53E-05	0.026947	3.25E-07	0.027893
2200	494811.06	3859801.99	0.44209	0.54891	0.52683	0.49993	8.31E-04	4.8E-05	0.01144	5.6E-07	0.01232	1.02E-03	5.9E-05	0.01409	3.13E-07	1.52E-02	0.000898	4.54E-05	0.026832	3.23E-07	0.027775
2201	494861.06	3859801.99	0.4432	0.54951	0.52435	0.49982	8.33E-04	4.8E-05	0.01139	5.6E-07	0.01227	1.02E-03	5.91E-05	0.014024	3.13E-07	1.51E-02	0.0009	4.54E-05	0.026705	3.23E-07	0.027651
2202	494911.06	3859801.99	0.44623	0.54943	0.52449	0.49407	8.39E-04	4.8E-05	0.01139	5.5E-07	0.01228	1.03E-03	5.91E-05	0.014028	3.09E-07	1.51E-02	0.000906	4.54E-05	0.026713	3.19E-07	0.027664
2203	494961.06	3859801.99	0.44798	0.55133	0.52163	0.49084	8.42E-04	4.8E-05	0.01133	5.5E-07	0.01222	1.03E-03	5.93E-05	0.013951	3.07E-07	1.50E-02	0.00091	4.56E-05	0.026567	3.17E-07	0.027522
2204	495011.06	3859801.99	0.4493	0.55397	0.51835	0.48006	8.44E-04	4.9E-05	0.01126	5.4E-07	0.01215	1.03E-03	5.96E-05	0.013864	3E-07	1.50E-02	0.000912	4.58E-05	0.0264	3.1E-07	0.027358
2205	495061.06	3859801.99	0.45026	0.55763	0.51359	0.47018	8.46E-04	4.9E-05	0.01115	5.3E-07	0.01205	1.04E-03	5.99E-05	0.013736	2.94E-07	1.48E-02	0.000914	4.61E-05	0.026157	3.04E-07	0.027118
2206	495111.06	3859801.99	0.45011	0.56136	0.50963	0.45685	8.46E-04	4.9E-05	0.01107	5.1E-07	0.01196	1.04E-03	6.03E-05	0.01363	2.86E-07	1.47E-02	0.000914	4.64E-05	0.025956	2.95E-07	0.026916
2207	495161.06	3859801.99	0.44434	0.5639	0.50478	0.44363	8.35E-04	4.9E-05	0.01096	5E-07	0.01185	1.02E-03	6.06E-05	0.013501	2.77E-07	1.46E-02	0.000902	4.66E-05	0.025709	2.87E-07	0.026658
2208	495211.06	3859801.99	0.43788	0.57038	0.50069	0.43241	8.23E-04	5E-05	0.01087	4.8E-07	0.01175	1.01E-03	6.13E-05	0.013391	2.7E-07	1.45E-02	0.000889	4.72E-05	0.0255	2.79E-07	0.026437
2209	495261.06	3859801.99	0.43169	0.56978	0.4996	0.42236	8.11E-04	5E-05	0.01085	4.7E-07	0.01171	9.94E-04	6.13E-05	0.013362	2.64E-07	1.44E-02	0.000876	4.71E-05	0.025445	2.73E-07	0.026369
2210	495311.06	3859801.99	0.42461	0.56182	0.49585	0.42681	7.98E-04	4.9E-05	0.01077	4.8E-07	0.01162	9.78E-04	6.04E-05	0.013262	2.67E-07	1.43E-02	0.000862	4.65E-05	0.025254	2.76E-07	0.026163
2211	495361.06	3859801.99	0.41817	0.55932	0.48425	0.4219	7.86E-04	4.9E-05	0.01052	4.7E-07	0.01135	9.63E-04	6.01E-05	0.012952	2.64E-07	1.40E-02	0.000849	4.63E-05	0.024663	2.73E-07	0.025559
2212	495411.06	3859801.99	0.41208	0.55599	0.47271	0.40926	7.74E-04	4.9E-05	0.01027	4.6E-07	0.01109	9.49E-04	5.98E-05	0.012643	2.56E-07	1.37E-02	0.000837	4.6E-05	0.024075	2.64E-07	0.024958
2213	495461.06	3859801.99	0.40557	0.53695	0.46288	0.40313	7.62E-04	4.7E-05	0.01005	4.5E-07	0.01086	9.34E-04	5.77E-05	0.01238	2.52E-07	1.34E-02	0.000823	4.44E-05	0.023575	2.6E-07	0.024443
2214	495511.06	3859801.99	0.39939	0.52986	0.45706	0.39665	7.51E-04	4.6E-05	0.00993	4.4E-07	0.01072	9.20E-04	5.7E-05	0.012224	2.48E-07	1.32E-02	0.000811	4.38E-05	0.023278	2.56E-07	0.024133
2215	495561.06	3859801.99	0.39609	0.52223	0.45521	0.38901	7.44E-04	4.6E-05	0.00989	4.3E-07	0.01068	9.12E-04	5.61E-05	0.012175	2.43E-07	1.31E-02	0.000804	4.32E-05	0.023184	2.51E-07	0.024032
2216	495611.06	3859801.99	0.39387	0.51553	0.45299	0.3928	7.40E-04	4.5E-05	0.00984	4.4E-07	0.01062	9.07E-04	5.54E-05	0.012116	2.46E-07	1.31E-02	0.0008	4.26E-05	0.023071	2.54E-07	0.023914
2217	495661.06	3859801.99	0.39163	0.52119	0.45039	0.38682	7.36E-04	4.6E-05	0.00978	4.3E-07	0.01056	9.02E-04	5.6E-05	0.012046	2.42E-07	1.30E-02	0.000795	4.31E-05	0.022939	2.5E-07	0.023777
2218	494311.06	3859851.99	0.47596	0.57413	0.58977	0.57505	8.94E-04	5E-05	0.01281	6.4E-07	0.01375	1.10E-03	6.17E-05	0.015774	3.6E-07	1.69E-02	0.000966	4.75E-05	0.030037	3.71E-07	0.031052
2219	494361.06	3859851.99	0.48138	0.56935	0.58126	0.56595	9.05E-04	5E-05	0.01262	6.3E-07	0.01358	1.11E-03	6.12E-05	0.015546	3.54E-07	1.67E-02	0.000977	4.71E-05	0.029604	3.66E-07	0.030629
2220	494411.06	3859851.99	0.48788	0.55746	0.57367	0.55649	9.17E-04	4.9E-05	0.01246	6.2E-07	0.01342	1.12E-03	5.99E-05	0.015343	3.48E-07	1.65E-02	0.000991	4.61E-05	0.029217	3.59E-07	0.030254
2221	494461.06	3859851.99	0.48636	0.54496	0.56304	0.54931	9.14E-04	4.8E-05	0.01223	6.1E-07	0.01319	1.12E-03	5.86E-05	0.015059	3.44E-07	1.62E-02	0.000987	4.51E-05	0.028676	3.55E-07	0.029709
2222	494511.06	3859851.99	0.47466	0.5326	0.54807	0.54663	8.92E-04	4.7E-05	0.0119	6.1E-07	0.01284	1.09E-03	5.73E-05	0.014659	3.42E-07	1.58E-02	0.000964	4.4E-05	0.027914	3.53E-07	0.028922
2223	494561.06	3859851.99	0.46193	0.51198	0.53374	0.54466	8.68E-04	4.5E-05	0.01159	6.1E-07	0.0125	1.06E-03	5.5E-05	0.014275	3.41E-07	1.54E-02	0.000938	4.23E-05	0.027184	3.52E-07	0.028164
2224	494611.06	3859851.99	0.46475	0.51639	0.53388	0.53009	8.73E-04	4.5E-05	0.01159	5.9E-07	0.01251	1.07E-03	5.55E-05	0.014279	3.32E-07	1.54E-02	0.000944	4.27E-05	0.027191	3.42E-07	0.028177
2225	494661.06	3859851.99	0.45429	0.53066	0.52543	0.52543	8.54E-04	4.7E-05	0.01141	5.9E-07	0.01231	1.05E-03	5.7E-05	0.014053	3.29E-07	1.52E-02	0.000922	4.39E-05	0.02676	3.39E-07	0.027727
2226	494711.06	3859851.99	0.45269	0.54302	0.5284	0.51351	8.51E-04	4.8E-05	0.01147	5.7E-07	0.01237	1.04E-03	5.84E-05	0.014132	3.21E-07	1.52E-02	0.000919	4.49E-05	0.026912	3.32E-07	0.027876
2227	494761.06	3859851.99	0.43981	0.52941	0.52499	0.51127	8.26E-04	4.6E-05	0.0114	5.7E-07	0.01227	1.01E-03	5.69E-05	0.014041	3.2E-07	1.51E-02	0.000893	4.38E-05	0.026738	3.3E-07	0.027675
2228	494811.06	3859851.99	0.43436	0.52861	0.52477	0.50865	8.16E-04	4.6E-05	0.0114	5.7E-07	0.01226	1.00E-03	5.68E-05	0.014035	3.18E-07	1.51E-02	0.000882	4.37E-05	0.026727	3.29E-07	0.027653
2229	494861.06	3859851.99	0.4311	0.52809	0.51197	0.51037	8.10E-04	4.6E-05	0.01112	5.7E-07	0.01197	9.93E-04	5.68E-05	0.013693	3.19E-07	1.47E-02	0.000875	4.37E-05	0.026075	3.3E-07	0.026994
2230	494911.06	3859851.99	0.43049	0.53065	0.51346	0.50562	8.09E-04	4.7E-05	0.01115	5.6E-07	0.01201	9.91E-04	5.7E-05	0.013733	3.16E-07	1.48E-02	0.000874	4.39E-05	0.026151	3.27E-07	0.027069
2231	494961.06	3859851.99	0.43081	0.53214	0.51227	0.50386	8.10E-04	4.7E-05	0.01112	5.6E-07	0.01198	9.92E-04	5.72E-05	0.013701	3.15E-07	1.48E-02	0.000875	4.4E-05	0.02609	3.25E-07	0.027009
2232	495011.06	3859851.99	0.43348	0.533	0.51073	0.5012	8.15E-04	4.7E-05	0.01109	5.6E-07	0.01195	9.98E-04	5.73E-05	0.01366	3.13E-07	1.47E-02	0.00088	4.41E-05	0.026012	3.24E-07	0.026936
2233	495061.06	3859851.99	0.43472	0.53308	0.50775	0.49267	8.17E-04	4.7E-05	0.01103	5.5E-07	0.01189	1.00E-03	5.73E-05	0.01358	3.08E-07	1.46E-02	0.000883	4.41E-05	0.02586	3.18E-07	0.026787
2234	495111.06	3859851.99	0.43774	0.5362	0.50752	0.4802	8.23E-04	4.7E-05	0.01102	5.4E-07	0.01189	1.01E-03	5.76E-05	0.013574	3E-07	1.46E-02	0.000889	4.43E-05	0.025848	3.1E-07	0.026782
2235	495161.06	3859851.99	0.43955	0.53851	0.50509	0.46887	8.26E-04	4.7E-05	0.01097	5.2E-07	0.01184	1.01E-03	5.79E-05	0.013509	2.93E-07	1.46E-02	0.000892	4.45E-05	0.025725	3.03E-07	0.026662
2236	495211.06	3859851.99	0.43872	0.54005	0.5015	0.45765	8.24E-04	4.7E-05	0.01089	5.1E-07	0.01176	1.01E-03	5.81E-05	0.013413	2.86E-07	1.45E-02	0.000891	4.47E-05	0.025542	2.96E-07	0.026477
2237	495261.06	3859851.99	0.43413	0.54342	0.49753	0.4454	8.16E-04	4.8E-05	0.0108	5E-07	0.01167	1.00E-03	5.84E-05	0.013307	2.79E-07	1.44E-02	0.000881	4.49E-05	0.025339	2.88E-07	0.026266
2238	495311.06	3859851.99	0.42799	0.54849	0.4918	0.43757	8.04E-04	4.8E-05	0.01068	4.9E-07	0.01153	9.86E-04	5.9E-05	0.013154	2.74E-07	1.42E-02	0.000869	4.54E-05	0.025048	2.83E-07	0.025962
2239	495361.06	3859851.99	0.42249	0.55451	0.48819	0.43358	7.94E-04	4.9E-05	0.0106	4.8E-07	0.01144	9.73E-04	5.96E-05	0.013057	2.71E-07	1.41E-02	0.000858	4.59E-05	0.024864	2.8E-07	0.025768
2240	495411.06	3859851.99	0.41689	0.55416	0.48781	0.42673	7.83E-04	4.9E-05	0.01059	4.8E-07	0.01143	9.60E-04	5.96E-05	0.013047	2.67E-07	1.41E-02	0.000846	4.58E-05	0.024844	2.76E-07	0.025737
2241	495461.06	3859851.99	0.41114	0.54677	0.48176	0.41993	7.73E-04	4.8E-05	0.01046	4.7E-07	0.01128	9.47E-04	5.88E-05	0.012885	2.63E-07	1.39E-02	0.000835	4.52E-05	0.024536	2.71E-07	0.025417
2242	495511.06	3859851.99	0.40508	0.54558	0.47118	0.41133	7.61E-04	4.8E-05	0.01023	4.6E-07	0.01104	9.33E-04	5.87E-05	0.012602	2.57E-07	1.36E-02	0.000822	4.51E-05	0.023997	2.66E-07	0.024865
2243	495561.06	3859851.99	0.39802	0.5417	0.45974	0.4086	7.48E-04	4.8E-05	0.00998	4.6E-07	0.01078	9.17E-04	5.82E-05	0.012296	2.56E-07	1.33E-02	0.000808	4.48E-05	0.023415	2.64E-07	0.024268
2244	495611.06	3859851.99	0.39096	0.5295	0.4515	0.40686	7.35E-04	4.6E-05	0.0098	4.5E-07	0.01059	9.00E-04	5.69E-05	0.012076	2.54E-07	1.30E-02	0.000794	4.38E-05	0.022995	2.63E-07	0.023833
2245	495661.06	3859851.99	0.38901	0.52066	0.45032	0.4002	7.31E-04	4.6E-05	0.00978	4.5E-07	0.01056	8.96E-04	5.6E-05	0.012044	2.5E-07	1.30E-02	0.00079	4.31E-05	0.022935	2.59E-07	0.023768
2246	494311.06	3859901.99	0.46662	0.5906	0.58676	0.59125	8.77E-04	5.2E-05	0.01274	6.6E-07	0.01367	1.07E-03	6.35E-05	0.015693	3.7E-07	1.68E-02	0.000947	4.88E-05	0.029884	3.82E-07	0.030881
2247	494361.06	3859901.99	0.46598	0.58567	0.59318	0.58327	8.76E-04	5.1E-05	0.01288	6.5E-07	0.01381	1.07E-03	6.3E-05	0.015865	3.65E-07	1.70E-02	0.000946	4.84E-05	0.030211	3.77E-07	0.031206
2248	494411.06	3859901.99	0.46419	0.56772	0.58164	0.57544	8.72E-04	5E-05	0.01263	6.4E-07	0.01355	1.07E-03	6.1E-05	0.015556	3.6E-07	1.67E-02	0.000942	4.69E-05	0.029623	3.72E-07	0.030613
2249	494461.06	3859901.99	0.46815	0.55758	0.57256	0.56619	8.80E-04	4.9E-05	0.01243	6.3E-07	0.01336	1.08E-03	5.99E-05	0.015314	3.54E-07	1.65E-02	0.000951	4.61E-05	0.029161	3.66E-07	0.030158
2250	494511.06	3859901.99	0.47046	0.54813	0.56054	0.56188	8.84E-04	4.8E-05	0.01217	6.3E-07	0.01311	1.08E-03	5.89E-05	0.014992	3.51E-07	1.61E-02	0.000955	4.53E-05	0.028549	3.63E-07	0.02955
2251	494561.06	3859901.99	0.46166	0.52915	0.54362	0.56208	8.68E-04	4.6E-05	0.01181	6.3E-07	0.01272	1.06E-03	5.69E-05	0.014539	3.52E-07	1.57E-02	0.000937	4.38E-05	0.027687	3.63E-07	0.028668
2252	494611.06	3859901.99	0.46467	0.521	0.53982	0.54777	8.73E-04	4.6E-05	0.01172	6.1E-07	0.01264	1.07E-03	5.6E-05	0.014438	3.43E-07	1.56E-02	0.000943	4.31E-05	0.027493	3.54E-07	0.02848
2253	494661.06	3859901.99	0.45118	0.50835	0.52359	0.5463	8.48E-04	4.5E-05	0.01137	6.1E-07	0.01226	1.04E-03	5.46E-05	0.014004	3.42E-07	1.51E-02	0.000916	4.2E-05	0.026667	3.53E-07	0.027625

2254	494711.06	3859901.99	0.45476	0.50526	0.52375	0.53185	8.55E-04	4.4E-05	0.01137	5.9E-07	0.01227	1.05E-03	5.43E-05	0.014008	3.33E-07	1.51E-02	0.000923	4.18E-05	0.026675	3.44E-07	0.02764
2255	494761.06	3859901.99	0.44343	0.49929	0.5143	0.52798	8.33E-04	4.4E-05	0.01117	5.9E-07	0.01205	1.02E-03	5.37E-05	0.013755	3.3E-07	1.48E-02	0.0009	4.13E-05	0.026194	3.41E-07	0.027136
2256	494811.06	3859901.99	0.43287	0.51018	0.50475	0.52364	8.13E-04	4.5E-05	0.01096	5.9E-07	0.01182	9.97E-04	5.48E-05	0.0135	3.28E-07	1.46E-02	0.000879	4.22E-05	0.025707	3.38E-07	0.026629
2257	494861.06	3859901.99	0.42478	0.51293	0.50442	0.5195	7.98E-04	4.5E-05	0.01095	5.8E-07	0.0118	9.78E-04	5.51E-05	0.013491	3.25E-07	1.45E-02	0.000862	4.24E-05	0.02569	3.36E-07	0.026596
2258	494911.06	3859901.99	0.42183	0.51356	0.50957	0.51473	7.93E-04	4.5E-05	0.01107	5.8E-07	0.0119	9.71E-04	5.52E-05	0.013629	3.22E-07	1.47E-02	0.000856	4.25E-05	0.025953	3.32E-07	0.026852
2259	494961.06	3859901.99	0.41966	0.51033	0.49873	0.51473	7.89E-04	4.5E-05	0.01083	5.8E-07	0.01166	9.66E-04	5.49E-05	0.013339	3.22E-07	1.44E-02	0.000852	4.22E-05	0.025401	3.32E-07	0.026295
2260	495011.06	3859901.99	0.41908	0.51398	0.49696	0.51106	7.88E-04	4.5E-05	0.01079	5.7E-07	0.01163	9.65E-04	5.53E-05	0.013292	3.2E-07	1.43E-02	0.000851	4.25E-05	0.02531	3.3E-07	0.026204
2261	495061.06	3859901.99	0.4177	0.51678	0.49599	0.50858	7.85E-04	4.5E-05	0.01077	5.7E-07	0.0116	9.62E-04	5.56E-05	0.013266	3.18E-07	1.43E-02	0.000848	4.27E-05	0.025261	3.29E-07	0.026152
2262	495111.06	3859901.99	0.42136	0.51603	0.49968	0.49737	7.92E-04	4.5E-05	0.01085	5.6E-07	0.01169	9.70E-04	5.55E-05	0.013364	3.11E-07	1.44E-02	0.000856	4.27E-05	0.025449	3.21E-07	0.026348
2263	495161.06	3859901.99	0.42441	0.51719	0.50021	0.48624	7.98E-04	4.5E-05	0.01086	5.4E-07	0.01171	9.77E-04	5.56E-05	0.013378	3.04E-07	1.44E-02	0.000862	4.28E-05	0.025476	3.14E-07	0.026381
2264	495211.06	3859901.99	0.42533	0.51894	0.49629	0.47818	7.99E-04	4.6E-05	0.01078	5.3E-07	0.01162	9.79E-04	5.58E-05	0.013274	2.99E-07	1.43E-02	0.000864	4.29E-05	0.025276	3.09E-07	0.026183
2265	495261.06	3859901.99	0.42894	0.52341	0.49672	0.46479	8.06E-04	4.6E-05	0.01079	5.2E-07	0.01164	9.88E-04	5.63E-05	0.013285	2.91E-07	1.43E-02	0.000871	4.33E-05	0.025298	3E-07	0.026213
2266	495311.06	3859901.99	0.42891	0.52433	0.49169	0.4559	8.06E-04	4.6E-05	0.01068	5.1E-07	0.01153	9.88E-04	5.64E-05	0.013151	2.85E-07	1.42E-02	0.000871	4.34E-05	0.025042	2.94E-07	0.025957
2267	495361.06	3859901.99	0.42401	0.52645	0.48874	0.44584	7.97E-04	4.6E-05	0.01061	5E-07	0.01146	9.76E-04	5.66E-05	0.013072	2.79E-07	1.41E-02	0.000861	4.35E-05	0.024892	2.88E-07	0.025797
2268	495411.06	3859901.99	0.4196	0.52897	0.48648	0.43942	7.89E-04	4.6E-05	0.01056	4.9E-07	0.0114	9.66E-04	5.69E-05	0.013011	2.75E-07	1.40E-02	0.000852	4.37E-05	0.024777	2.84E-07	0.025673
2269	495461.06	3859901.99	0.41517	0.53546	0.48218	0.43414	7.80E-04	4.7E-05	0.01047	4.9E-07	0.0113	9.56E-04	5.76E-05	0.012896	2.72E-07	1.39E-02	0.000843	4.43E-05	0.024558	2.8E-07	0.025445
2270	495511.06	3859901.99	0.40871	0.54017	0.47833	0.42841	7.68E-04	4.7E-05	0.01039	4.8E-07	0.0112	9.41E-04	5.81E-05	0.012793	2.68E-07	1.38E-02	0.00083	4.47E-05	0.024362	2.77E-07	0.025236
2271	495561.06	3859901.99	0.40233	0.53884	0.47582	0.42555	7.56E-04	4.7E-05	0.01033	4.8E-07	0.01114	9.26E-04	5.79E-05	0.012726	2.66E-07	1.37E-02	0.000817	4.46E-05	0.024234	2.75E-07	0.025096
2272	495611.06	3859901.99	0.3972	0.53136	0.467	0.42221	7.46E-04	4.7E-05	0.01014	4.7E-07	0.01093	9.15E-04	5.71E-05	0.01249	2.64E-07	1.35E-02	0.000806	4.39E-05	0.023785	2.73E-07	0.024635
2273	495661.06	3859901.99	0.39156	0.53078	0.45654	0.41419	7.36E-04	4.7E-05	0.00991	4.6E-07	0.0107	9.02E-04	5.71E-05	0.01221	2.59E-07	1.32E-02	0.000795	4.39E-05	0.023252	2.68E-07	0.024091
2274	494311.06	3859951.99	0.46302	0.57716	0.56344	0.59994	8.70E-04	5.1E-05	0.01224	6.7E-07	0.01316	1.07E-03	6.2E-05	0.01507	3.75E-07	1.62E-02	0.00094	4.77E-05	0.028696	3.88E-07	0.029685
2275	494361.06	3859951.99	0.46077	0.56044	0.56978	0.59277	8.66E-04	4.9E-05	0.01237	6.6E-07	0.01329	1.06E-03	6.02E-05	0.015239	3.71E-07	1.64E-02	0.000936	4.63E-05	0.029019	3.83E-07	0.030001
2276	494411.06	3859951.99	0.45831	0.58025	0.57427	0.58604	8.61E-04	5.1E-05	0.01247	6.5E-07	0.01338	1.06E-03	6.24E-05	0.015359	3.67E-07	1.65E-02	0.000931	4.8E-05	0.029248	3.79E-07	0.030227
2277	494461.06	3859951.99	0.45456	0.5719	0.57349	0.58154	8.54E-04	5E-05	0.01245	6.5E-07	0.01336	1.05E-03	6.15E-05	0.015338	3.64E-07	1.64E-02	0.000923	4.73E-05	0.029208	3.76E-07	0.030179
2278	494511.06	3859951.99	0.44906	0.56041	0.5677	0.58219	8.44E-04	4.9E-05	0.01233	6.5E-07	0.01322	1.03E-03	6.02E-05	0.015184	3.64E-07	1.63E-02	0.000912	4.63E-05	0.028913	3.76E-07	0.029872
2279	494561.06	3859951.99	0.44544	0.51602	0.55074	0.58139	8.37E-04	4.5E-05	0.01196	6.5E-07	0.01284	1.03E-03	5.55E-05	0.01473	3.64E-07	1.58E-02	0.000904	4.27E-05	0.02805	3.76E-07	0.028997
2280	494611.06	3859951.99	0.45273	0.53381	0.54705	0.56672	8.51E-04	4.7E-05	0.01188	6.3E-07	0.01278	1.04E-03	5.74E-05	0.014631	3.54E-07	1.57E-02	0.000919	4.41E-05	0.027862	3.66E-07	0.028825
2281	494661.06	3859951.99	0.44905	0.50282	0.53329	0.56463	8.44E-04	4.4E-05	0.01158	6.3E-07	0.01247	1.03E-03	5.41E-05	0.014263	3.53E-07	1.54E-02	0.000912	4.16E-05	0.027161	3.65E-07	0.028114
2282	494711.06	3859951.99	0.44947	0.51212	0.52751	0.55312	8.45E-04	4.5E-05	0.01146	6.2E-07	0.01235	1.04E-03	5.51E-05	0.014109	3.46E-07	1.52E-02	0.000913	4.24E-05	0.026866	3.57E-07	0.027822
2283	494761.06	3859951.99	0.44135	0.497	0.51515	0.54799	8.29E-04	4.4E-05	0.01119	6.1E-07	0.01206	1.02E-03	5.34E-05	0.013778	3.43E-07	1.48E-02	0.000896	4.11E-05	0.026237	3.54E-07	0.027174
2284	494811.06	3859951.99	0.43443	0.48669	0.50463	0.54161	8.16E-04	4.3E-05	0.01096	6.1E-07	0.01182	1.00E-03	5.23E-05	0.013497	3.39E-07	1.45E-02	0.000882	4.02E-05	0.025701	3.5E-07	0.026624
2285	494861.06	3859951.99	0.42433	0.46974	0.49566	0.53694	7.97E-04	4.1E-05	0.01076	6E-07	0.0116	9.77E-04	5.05E-05	0.013257	3.36E-07	1.43E-02	0.000862	3.88E-05	0.025244	3.47E-07	0.026145
2286	494911.06	3859951.99	0.42092	0.47814	0.49217	0.52755	7.91E-04	4.2E-05	0.01069	5.9E-07	0.01152	9.69E-04	5.14E-05	0.013163	3.3E-07	1.42E-02	0.000855	3.95E-05	0.025066	3.41E-07	0.025961
2287	494961.06	3859951.99	0.41557	0.49222	0.49017	0.51885	7.81E-04	4.3E-05	0.01064	5.8E-07	0.01147	9.57E-04	5.29E-05	0.01311	3.25E-07	1.41E-02	0.000844	4.07E-05	0.024965	3.35E-07	0.025849
2288	495011.06	3859951.99	0.4123	0.49699	0.49493	0.51597	7.75E-04	4.4E-05	0.01075	5.8E-07	0.01157	9.49E-04	5.34E-05	0.013237	3.23E-07	1.42E-02	0.000837	4.11E-05	0.025207	3.33E-07	0.026086
2289	495061.06	3859951.99	0.41061	0.49429	0.48776	0.51493	7.72E-04	4.3E-05	0.01059	5.8E-07	0.01141	9.46E-04	5.31E-05	0.013045	3.22E-07	1.40E-02	0.000834	4.09E-05	0.024842	3.33E-07	0.025717
2290	495111.06	3859951.99	0.41049	0.49701	0.4874	0.50987	7.71E-04	4.4E-05	0.01058	5.7E-07	0.0114	9.45E-04	5.34E-05	0.013036	3.19E-07	1.40E-02	0.000833	4.11E-05	0.024824	3.29E-07	0.025698
2291	495161.06	3859951.99	0.41047	0.49912	0.48117	0.50129	7.71E-04	4.4E-05	0.01045	5.6E-07	0.01126	9.45E-04	5.37E-05	0.012869	3.14E-07	1.39E-02	0.000833	4.13E-05	0.024506	3.24E-07	0.025381
2292	495211.06	3859951.99	0.41107	0.49936	0.48424	0.49083	7.72E-04	4.4E-05	0.01052	5.5E-07	0.01133	9.47E-04	5.37E-05	0.012951	3.07E-07	1.40E-02	0.000835	4.13E-05	0.024663	3.17E-07	0.025539
2293	495261.06	3859951.99	0.41336	0.50096	0.48684	0.48137	7.77E-04	4.4E-05	0.01057	5.4E-07	0.01139	9.52E-04	5.39E-05	0.013021	3.01E-07	1.40E-02	0.000839	4.14E-05	0.024795	3.11E-07	0.025676
2294	495311.06	3859951.99	0.4139	0.50248	0.48609	0.474	7.78E-04	4.4E-05	0.01056	5.3E-07	0.01138	9.53E-04	5.4E-05	0.013001	2.96E-07	1.40E-02	0.00084	4.16E-05	0.024757	3.06E-07	0.025639
2295	495361.06	3859951.99	0.41558	0.50513	0.48377	0.46439	7.81E-04	4.4E-05	0.01051	5.2E-07	0.01133	9.57E-04	5.43E-05	0.012939	2.9E-07	1.40E-02	0.000844	4.18E-05	0.024639	3E-07	0.025525
2296	495411.06	3859951.99	0.41809	0.50892	0.48298	0.45319	7.86E-04	4.5E-05	0.01049	5.1E-07	0.01132	9.63E-04	5.47E-05	0.012918	2.83E-07	1.39E-02	0.000849	4.21E-05	0.024598	2.93E-07	0.02549
2297	495461.06	3859951.99	0.41526	0.51176	0.48041	0.44898	7.80E-04	4.5E-05	0.01043	5E-07	0.01126	9.56E-04	5.5E-05	0.012849	2.81E-07	1.39E-02	0.000843	4.23E-05	0.024468	2.9E-07	0.025353
2298	495511.06	3859951.99	0.4108	0.51424	0.4778	0.44404	7.72E-04	4.5E-05	0.01038	5E-07	0.01119	9.46E-04	5.53E-05	0.012779	2.78E-07	1.38E-02	0.000834	4.25E-05	0.024335	2.87E-07	0.025212
2299	495561.06	3859951.99	0.404	0.51319	0.47023	0.43787	7.59E-04	4.5E-05	0.01021	4.9E-07	0.01102	9.30E-04	5.52E-05	0.012577	2.74E-07	1.36E-02	0.00082	4.24E-05	0.023949	2.83E-07	0.024812
2300	495611.06	3859951.99	0.399	0.51954	0.46706	0.42865	7.50E-04	4.6E-05	0.01014	4.8E-07	0.01094	9.19E-04	5.59E-05	0.012492	2.68E-07	1.35E-02	0.00081	4.3E-05	0.023788	2.77E-07	0.024641
2301	495661.06	3859951.99	0.39501	0.52575	0.46777	0.42294	7.42E-04	4.6E-05	0.01016	4.7E-07	0.01095	9.10E-04	5.65E-05	0.012511	2.65E-07	1.35E-02	0.000802	4.35E-05	0.023824	2.73E-07	0.02467
2302	494311.06	3860001.99	0.46571	0.58453	0.5472	0.61054	8.75E-04	5.1E-05	0.01188	6.8E-07	0.01281	1.07E-03	6.28E-05	0.014635	3.82E-07	1.58E-02	0.000946	4.83E-05	0.027869	3.94E-07	0.028864
2303	494361.06	3860001.99	0.45956	0.57751	0.54473	0.60565	8.64E-04	5.1E-05	0.01183	6.8E-07	0.01274	1.06E-03	6.21E-05	0.014569	3.79E-07	1.57E-02	0.000933	4.78E-05	0.027743	3.91E-07	0.028725
2304	494411.06	3860001.99	0.45561	0.56985	0.55166	0.5973	8.56E-04	5E-05	0.01198	6.7E-07	0.01289	1.05E-03	6.13E-05	0.014755	3.74E-07	1.59E-02	0.000925	4.71E-05	0.028096	3.86E-07	0.029069
2305	494461.06	3860001.99	0.45156	0.56038	0.55493	0.59382	8.49E-04	4.9E-05	0.01205	6.6E-07	0.01295	1.04E-03	6.02E-05	0.014842	3.71E-07	1.59E-02	0.000917	4.63E-05	0.028263	3.84E-07	0.029226
2306	494511.06	3860001.99	0.44937	0.54458	0.55989	0.58718	8.44E-04	4.8E-05	0.01216	6.6E-07	0.01305	1.03E-03	5.85E-05	0.014975	3.67E-07	1.61E-02	0.000912	4.5E-05	0.028516	3.79E-07	0.029473
2307	494561.06	3860001.99	0.43964	0.53033	0.54321	0.5919	8.26E-04	4.7E-05	0.0118	6.6E-07	0.01267	1.01E-03	5.7E-05	0.014529	3.7E-07	1.56E-02	0.000893	4.39E-05	0.027666	3.82E-07	0.028603
2308	494611.06	3860001.99	0.43634	0.52124	0.54247	0.58425	8.20E-04	4.6E-05	0.01178	6.5E-07	0.01265	1.00E-03	5.6E-05	0.014509	3.65E-07	1.56E-02	0.000886	4.31E-05	0.027628	3.77E-07	0.028558
2309	494661.06	3860001.99	0.43315	0.51203	0.53716	0.58286	8.14E-04	4.5E-05	0.01166	6.5E-07	0.01252	9.97E-04	5.5E-05	0.014367	3.65E-07	1.54E-02	0.000879	4.23E-05	0.027358	3.77E-07	0.02828
2310	494711.06	3860001.99	0.44259	0.50232	0.54039	0.56503	8.32E-04	4.4E-05	0.01174	6.3E-07	0.01261	1.02E-03	5.4E-05	0.014453	3.53E-07	1.55E-02	0.000899	4.15E-05	0.027522	3.65E-07	0.028463
2311	494761.06	3860001.99	0.44076	0.49695	0.52487	0.56442	8.28E-04	4.4E-05	0.0114	6.3E-07	0.01227	1.01E-03	5.34E-05	0.014038	3.53E-07	1.51E-02	0.000895	4.11E-05	0.026732	3.65E-07	0.027668
2312	494811.06	3860001.99	0.43378	0.4861	0.51347	0.55953	8.15E-04	4.3E-05	0.01115	6.3E-07	0.01201	9.99E-04	5.23E-05	0.013733	3.5E-07	1.48E-02	0.000881	4.02E-05	0.026151	3.61E-07	0.027073
2313	494861.06	3860001.99	0.42541	0.47459	0.50151	0.55497	7.99E-04	4.2E-05	0.01089	6.2E-07	0.01173	9.80E-04	5.1E-05	0.013413	3.47E-07	1.44E-02	0.000864	3.92E-05	0.025542	3.58E-07	0.026446
2314	494911.06	3860001.99	0.42648	0.48022	0.49712	0.54107	8.01E-04	4.2E-05	0.0108	6E-07	0.01164	9.82E-04	5.16E-05	0.013296	3.38E-07	1.43E-02	0.000866	3.97E-05	0.025319	3.5E-07	0.026225

2315	494961.06	3860001.99	0.41864	0.46714	0.48794	0.5357	7.87E-04	4.1E-05	0.0106	6E-07	0.01142	9.64E-04	5.02E-05	0.01305	3.35E-07	1.41E-02	0.00085	3.86E-05	0.024851	3.46E-07	0.02574
2316	495011.06	3860001.99	0.41435	0.46071	0.48387	0.52701	7.79E-04	4E-05	0.01051	5.9E-07	0.01133	9.54E-04	4.95E-05	0.012941	3.3E-07	1.39E-02	0.000841	3.81E-05	0.024644	3.4E-07	0.025524
2317	495061.06	3860001.99	0.40516	0.46216	0.47519	0.52146	7.61E-04	4.1E-05	0.01032	5.8E-07	0.01112	9.33E-04	4.97E-05	0.012709	3.26E-07	1.37E-02	0.000823	3.82E-05	0.024202	3.37E-07	0.025063
2318	495111.06	3860001.99	0.40321	0.47606	0.48031	0.51671	7.58E-04	4.2E-05	0.01043	5.8E-07	0.01123	9.29E-04	5.12E-05	0.012846	3.23E-07	1.38E-02	0.000819	3.94E-05	0.024462	3.34E-07	0.025321
2319	495161.06	3860001.99	0.40304	0.48193	0.47993	0.51207	7.57E-04	4.2E-05	0.01042	5.7E-07	0.01122	9.28E-04	5.18E-05	0.012836	3.2E-07	1.38E-02	0.000818	3.99E-05	0.024443	3.31E-07	0.025302
2320	495211.06	3860001.99	0.3996	0.47751	0.47259	0.50893	7.51E-04	4.2E-05	0.01026	5.7E-07	0.01106	9.20E-04	5.13E-05	0.01264	3.18E-07	1.36E-02	0.000811	3.95E-05	0.024069	3.29E-07	0.02492
2321	495261.06	3860001.99	0.39935	0.4801	0.4691	0.49936	7.50E-04	4.2E-05	0.01019	5.6E-07	0.01098	9.20E-04	5.16E-05	0.012546	3.12E-07	1.35E-02	0.000811	3.97E-05	0.023892	3.23E-07	0.024742
2322	495311.06	3860001.99	0.39699	0.48244	0.46212	0.49103	7.46E-04	4.2E-05	0.01004	5.5E-07	0.01082	9.14E-04	5.19E-05	0.01236	3.07E-07	1.33E-02	0.000806	3.99E-05	0.023536	3.17E-07	0.024382
2323	495361.06	3860001.99	0.40173	0.48721	0.46879	0.47764	7.55E-04	4.3E-05	0.01018	5.3E-07	0.01098	9.25E-04	5.24E-05	0.012538	2.99E-07	1.35E-02	0.000816	4.03E-05	0.023876	3.09E-07	0.024732
2324	495411.06	3860001.99	0.40109	0.48813	0.46755	0.47127	7.54E-04	4.3E-05	0.01015	5.3E-07	0.01095	9.24E-04	5.25E-05	0.012505	2.95E-07	1.35E-02	0.000814	4.04E-05	0.023813	3.04E-07	0.024668
2325	495461.06	3860001.99	0.40347	0.49005	0.46992	0.46232	7.58E-04	4.3E-05	0.0102	5.2E-07	0.01101	9.29E-04	5.27E-05	0.012568	2.89E-07	1.36E-02	0.000819	4.05E-05	0.023933	2.99E-07	0.024793
2326	495511.06	3860001.99	0.40571	0.49285	0.47086	0.459	7.62E-04	4.3E-05	0.01023	5.1E-07	0.01103	9.34E-04	5.3E-05	0.012593	2.87E-07	1.36E-02	0.000824	4.08E-05	0.023981	2.96E-07	0.024846
2327	495561.06	3860001.99	0.40332	0.49353	0.46594	0.45577	7.58E-04	4.3E-05	0.01012	5.1E-07	0.01092	9.29E-04	5.31E-05	0.012462	2.85E-07	1.34E-02	0.000819	4.08E-05	0.023731	2.94E-07	0.024591
2328	495611.06	3860001.99	0.40014	0.49649	0.46542	0.44378	7.52E-04	4.4E-05	0.01011	5E-07	0.0109	9.21E-04	5.34E-05	0.012448	2.78E-07	1.34E-02	0.000812	4.11E-05	0.023704	2.87E-07	0.024558
2329	495661.06	3860001.99	0.39624	0.49985	0.46352	0.43218	7.45E-04	4.4E-05	0.01007	4.8E-07	0.01085	9.12E-04	5.37E-05	0.012397	2.7E-07	1.34E-02	0.000805	4.13E-05	0.023607	2.79E-07	0.024453
2330	494411.06	3860051.99	0.456	0.57512	0.53825	0.60922	8.57E-04	5E-05	0.01169	6.8E-07	0.0126	1.05E-03	6.18E-05	0.014396	3.81E-07	1.55E-02	0.000926	4.76E-05	0.027413	3.94E-07	0.028387
2331	494461.06	3860051.99	0.45319	0.56855	0.53247	0.6043	8.52E-04	5E-05	0.01156	6.8E-07	0.01247	1.04E-03	6.11E-05	0.014241	3.78E-07	1.53E-02	0.00092	4.7E-05	0.027119	3.9E-07	0.028087
2332	494511.06	3860051.99	0.44559	0.56134	0.53745	0.59961	8.37E-04	4.9E-05	0.01167	6.7E-07	0.01256	1.03E-03	6.03E-05	0.014374	3.75E-07	1.55E-02	0.000905	4.64E-05	0.027373	3.87E-07	0.028324
2333	494561.06	3860051.99	0.44049	0.55333	0.53798	0.60003	8.28E-04	4.9E-05	0.01168	6.7E-07	0.01256	1.01E-03	5.95E-05	0.014389	3.75E-07	1.55E-02	0.000894	4.58E-05	0.0274	3.88E-07	0.02834
2334	494611.06	3860051.99	0.43642	0.54471	0.53474	0.59679	8.20E-04	4.8E-05	0.01161	6.7E-07	0.01248	1.00E-03	5.86E-05	0.014302	3.73E-07	1.54E-02	0.000886	4.5E-05	0.027235	3.86E-07	0.028166
2335	494661.06	3860051.99	0.43227	0.52982	0.53108	0.59241	8.12E-04	4.6E-05	0.01153	6.6E-07	0.01239	9.95E-04	5.7E-05	0.014204	3.71E-07	1.53E-02	0.000878	4.38E-05	0.027048	3.83E-07	0.02797
2336	494711.06	3860051.99	0.42965	0.51624	0.53177	0.58321	8.07E-04	4.5E-05	0.01155	6.5E-07	0.0124	9.89E-04	5.55E-05	0.014223	3.65E-07	1.53E-02	0.000872	4.27E-05	0.027083	3.77E-07	0.027999
2337	494761.06	3860051.99	0.42492	0.50765	0.52602	0.57888	7.99E-04	4.5E-05	0.01142	6.5E-07	0.01227	9.79E-04	5.46E-05	0.014069	3.62E-07	1.51E-02	0.000863	4.2E-05	0.02679	3.74E-07	0.027696
2338	494811.06	3860051.99	0.42309	0.49885	0.51856	0.57618	7.95E-04	4.4E-05	0.01126	6.4E-07	0.0121	9.74E-04	5.36E-05	0.013869	3.6E-07	1.49E-02	0.000859	4.13E-05	0.026411	3.72E-07	0.027311
2339	494861.06	3860051.99	0.42282	0.48995	0.51144	0.57217	7.95E-04	4.3E-05	0.01111	6.4E-07	0.01194	9.74E-04	5.27E-05	0.013679	3.58E-07	1.47E-02	0.000858	4.05E-05	0.026048	3.7E-07	0.026947
2340	494911.06	3860051.99	0.4223	0.4817	0.50314	0.5638	7.94E-04	4.2E-05	0.01093	6.3E-07	0.01176	9.72E-04	5.18E-05	0.013457	3.53E-07	1.45E-02	0.000857	3.98E-05	0.025625	3.64E-07	0.026523
2341	494961.06	3860051.99	0.41791	0.47213	0.49504	0.55469	7.85E-04	4.1E-05	0.01075	6.2E-07	0.01158	9.62E-04	5.08E-05	0.01324	3.47E-07	1.43E-02	0.000849	3.9E-05	0.025213	3.58E-07	0.026101
2342	495011.06	3860051.99	0.41361	0.46335	0.4863	0.54631	7.77E-04	4.1E-05	0.01056	6.1E-07	0.01138	9.52E-04	4.98E-05	0.013006	3.42E-07	1.40E-02	0.00084	3.83E-05	0.024768	3.53E-07	0.025646
2343	495061.06	3860051.99	0.40817	0.45242	0.47608	0.53873	7.67E-04	4E-05	0.01034	6E-07	0.01115	9.40E-04	4.86E-05	0.012733	3.37E-07	1.37E-02	0.000829	3.74E-05	0.024247	3.48E-07	0.025114
2344	495111.06	3860051.99	0.40407	0.43839	0.47297	0.52916	7.59E-04	3.8E-05	0.01027	5.9E-07	0.01107	9.30E-04	4.71E-05	0.01265	3.31E-07	1.36E-02	0.00082	3.63E-05	0.024089	3.42E-07	0.024946
2345	495161.06	3860051.99	0.39904	0.4353	0.46723	0.52133	7.50E-04	3.8E-05	0.01015	5.8E-07	0.01094	9.19E-04	4.68E-05	0.012496	3.26E-07	1.35E-02	0.00081	3.6E-05	0.023796	3.37E-07	0.024643
2346	495211.06	3860051.99	0.39545	0.4501	0.46804	0.51475	7.43E-04	3.9E-05	0.01016	5.8E-07	0.01095	9.11E-04	4.84E-05	0.012518	3.22E-07	1.35E-02	0.000803	3.72E-05	0.023838	3.33E-07	0.024678
2347	495261.06	3860051.99	0.39409	0.46068	0.4677	0.51148	7.41E-04	4E-05	0.01016	5.7E-07	0.01094	9.08E-04	4.95E-05	0.012509	3.2E-07	1.35E-02	0.0008	3.81E-05	0.02382	3.3E-07	0.024659
2348	495311.06	3860051.99	0.39132	0.45933	0.46012	0.50485	7.35E-04	4E-05	0.00999	5.6E-07	0.01077	9.01E-04	4.94E-05	0.012306	3.16E-07	1.33E-02	0.000795	3.8E-05	0.023434	3.26E-07	0.024267
2349	495361.06	3860051.99	0.38919	0.46174	0.457	0.49688	7.31E-04	4.1E-05	0.00992	5.6E-07	0.0107	8.96E-04	4.96E-05	0.012223	3.11E-07	1.32E-02	0.00079	3.82E-05	0.023275	3.21E-07	0.024104
2350	495411.06	3860051.99	0.38722	0.46285	0.44871	0.48813	7.28E-04	4.1E-05	0.00974	5.5E-07	0.01051	8.92E-04	4.98E-05	0.012001	3.05E-07	1.29E-02	0.000786	3.83E-05	0.022853	3.15E-07	0.023678
2351	495461.06	3860051.99	0.38709	0.46692	0.44693	0.47814	7.27E-04	4.1E-05	0.00971	5.3E-07	0.01047	8.91E-04	5.02E-05	0.011953	2.99E-07	1.29E-02	0.000786	3.86E-05	0.022762	3.09E-07	0.023587
2352	495511.06	3860051.99	0.3882	0.46927	0.44785	0.47172	7.30E-04	4.1E-05	0.00973	5.3E-07	0.0105	8.94E-04	5.04E-05	0.011978	2.95E-07	1.29E-02	0.000788	3.88E-05	0.022809	3.05E-07	0.023637
2353	495561.06	3860051.99	0.38982	0.47184	0.44963	0.469	7.33E-04	4.1E-05	0.00976	5.2E-07	0.01054	8.98E-04	5.07E-05	0.012026	2.93E-07	1.30E-02	0.000791	3.9E-05	0.0229	3.03E-07	0.023731
2354	495611.06	3860051.99	0.39236	0.47441	0.45316	0.46088	7.37E-04	4.2E-05	0.00984	5.1E-07	0.01062	9.04E-04	5.1E-05	0.01212	2.88E-07	1.31E-02	0.000797	3.92E-05	0.02308	2.98E-07	0.023916
2355	495661.06	3860051.99	0.39627	0.47965	0.45828	0.44845	7.45E-04	4.2E-05	0.00995	5E-07	0.01074	9.13E-04	5.16E-05	0.012257	2.8E-07	1.32E-02	0.000805	3.97E-05	0.02334	2.9E-07	0.024185
2356	494411.06	3860101.99	0.45651	0.58539	0.53609	0.61931	8.58E-04	5.1E-05	0.01164	6.9E-07	0.01255	1.05E-03	6.29E-05	0.014338	3.87E-07	1.55E-02	0.000927	4.84E-05	0.027303	4E-07	0.028279
2357	494461.06	3860101.99	0.44651	0.57112	0.53393	0.61924	8.39E-04	5E-05	0.01159	6.9E-07	0.01248	1.03E-03	6.14E-05	0.01428	3.87E-07	1.54E-02	0.000907	4.72E-05	0.027193	4E-07	0.028148
2358	494511.06	3860101.99	0.44739	0.56575	0.53112	0.60714	8.41E-04	5E-05	0.01153	6.8E-07	0.01242	1.03E-03	6.08E-05	0.014205	3.8E-07	1.53E-02	0.000908	4.68E-05	0.02705	3.92E-07	0.028006
2359	494561.06	3860101.99	0.44622	0.55945	0.51907	0.60532	8.39E-04	4.9E-05	0.01127	6.8E-07	0.01216	1.03E-03	6.01E-05	0.013883	3.79E-07	1.50E-02	0.000906	4.63E-05	0.026437	3.91E-07	0.027389
2360	494611.06	3860101.99	0.43558	0.5522	0.52132	0.60533	8.19E-04	4.8E-05	0.01132	6.8E-07	0.01219	1.00E-03	5.94E-05	0.013943	3.79E-07	1.50E-02	0.000884	4.57E-05	0.026551	3.91E-07	0.027482
2361	494661.06	3860101.99	0.43222	0.5447	0.52468	0.60223	8.12E-04	4.8E-05	0.01139	6.7E-07	0.01225	9.95E-04	5.86E-05	0.014033	3.77E-07	1.51E-02	0.000878	4.5E-05	0.026722	3.89E-07	0.027645
2362	494711.06	3860101.99	0.42977	0.53711	0.52637	0.59484	8.08E-04	4.7E-05	0.01143	6.6E-07	0.01229	9.90E-04	5.77E-05	0.014078	3.72E-07	1.51E-02	0.000873	4.44E-05	0.026808	3.84E-07	0.027726
2363	494761.06	3860101.99	0.42597	0.52845	0.52293	0.59074	8.00E-04	4.6E-05	0.01136	6.6E-07	0.0122	9.81E-04	5.68E-05	0.013986	3.69E-07	1.50E-02	0.000865	4.37E-05	0.026633	3.82E-07	0.027542
2364	494811.06	3860101.99	0.42161	0.51549	0.51868	0.58671	7.92E-04	4.5E-05	0.01126	6.6E-07	0.0121	9.71E-04	5.54E-05	0.013872	3.67E-07	1.49E-02	0.000856	4.26E-05	0.026417	3.79E-07	0.027316
2365	494861.06	3860101.99	0.41617	0.50165	0.51445	0.58704	7.82E-04	4.4E-05	0.01117	6.6E-07	0.012	9.58E-04	5.39E-05	0.013759	3.67E-07	1.48E-02	0.000845	4.15E-05	0.026201	3.79E-07	0.027088
2366	494911.06	3860101.99	0.414	0.4947	0.51088	0.57382	7.78E-04	4.3E-05	0.01109	6.4E-07	0.01192	9.53E-04	5.32E-05	0.013664	3.59E-07	1.47E-02	0.000841	4.09E-05	0.026019	3.71E-07	0.026901
2367	494961.06	3860101.99	0.41567	0.48638	0.50567	0.56439	7.81E-04	4.3E-05	0.01098	6.3E-07	0.01181	9.57E-04	5.23E-05	0.013524	3.53E-07	1.45E-02	0.000844	4.02E-05	0.025754	3.65E-07	0.026639
2368	495011.06	3860101.99	0.4173	0.47765	0.49851	0.55921	7.84E-04	4.2E-05	0.01083	6.2E-07	0.01165	9.61E-04	5.13E-05	0.013333	3.5E-07	1.43E-02	0.000847	3.95E-05	0.025389	3.61E-07	0.026277
2369	495061.06	3860101.99	0.41216	0.46702	0.48973	0.55335	7.75E-04	4.1E-05	0.01063	6.2E-07	0.01145	9.49E-04	5.02E-05	0.013098	3.46E-07	1.41E-02	0.000837	3.86E-05	0.024942	3.57E-07	0.025818
2370	495111.06	3860101.99	0.40803	0.46099	0.48153	0.54425	7.67E-04	4E-05	0.01046	6.1E-07	0.01126	9.40E-04	4.96E-05	0.012879	3.4E-07	1.39E-02	0.000828	3.81E-05	0.024525	3.52E-07	0.025392
2371	495161.06	3860101.99	0.40116	0.45029	0.47073	0.53825	7.54E-04	4E-05	0.01022	6E-07	0.01102	9.24E-04	4.84E-05	0.01259	3.37E-07	1.36E-02	0.000815	3.72E-05	0.023975	3.48E-07	0.024827
2372	495211.06	3860101.99	0.39594	0.43531	0.46214	0.53084	7.44E-04	3.8E-05	0.01004	5.9E-07	0.01082	9.12E-04	4.68E-05	0.01236	3.32E-07	1.33E-02	0.000804	3.6E-05	0.023537	3.43E-07	0.024377
2373	495261.06	3860101.99	0.39042	0.42839	0.45697	0.52319	7.34E-04	3.8E-05	0.00992	5.8E-07	0.0107	8.99E-04	4.61E-05	0.012222	3.27E-07	1.32E-02	0.000793	3.54E-05	0.023274	3.38E-07	0.024102
2374	495311.06	3860101.99	0.38596	0.42548	0.45202	0.5167	7.25E-04	3.7E-05	0.00982	5.8E-07	0.01058	8.89E-04	4.57E-05	0.01209	3.23E-07	1.30E-02	0.000784	3.52E-05	0.023022	3.34E-07	0.023841
2375	495361.06	3860101.99	0.38348	0.42226	0.45268	0.51046	7.21E-04	3.7E-05	0.00983	5.7E-07	0.01059	8.83E-04	4.54E-05	0.012107	3.19E-07	1.30E-02	0.000779	3.49E-05	0.023055	3.3E-07	0.023869

2376	495411.06	3860101.99	0.38237	0.42057	0.44692	0.50185	7.19E-04	3.7E-05	0.00971	5.6E-07	0.01046	8.81E-04	4.52E-05	0.011953	3.14E-07	1.29E-02	0.000776	3.48E-05	0.022762	3.24E-07	0.023573
2377	495461.06	3860101.99	0.38257	0.44496	0.45013	0.49108	7.19E-04	3.9E-05	0.00978	5.5E-07	0.01053	8.81E-04	4.78E-05	0.012039	3.07E-07	1.30E-02	0.000777	3.68E-05	0.022925	3.17E-07	0.023739
2378	495511.06	3860101.99	0.37939	0.44681	0.43989	0.48393	7.13E-04	3.9E-05	0.00955	5.4E-07	0.01031	8.74E-04	4.8E-05	0.011765	3.03E-07	1.27E-02	0.00077	3.7E-05	0.022404	3.13E-07	0.023211
2379	495561.06	3860101.99	0.37596	0.43164	0.42974	0.47778	7.07E-04	3.8E-05	0.00933	5.3E-07	0.01008	8.66E-04	4.64E-05	0.011494	2.99E-07	1.24E-02	0.000763	3.57E-05	0.021887	3.09E-07	0.022686
2380	495611.06	3860101.99	0.37843	0.45233	0.43313	0.47159	7.11E-04	4E-05	0.00941	5.3E-07	0.01016	8.71E-04	4.86E-05	0.011584	2.95E-07	1.25E-02	0.000768	3.74E-05	0.02206	3.05E-07	0.022866
2381	495661.06	3860101.99	0.38008	0.45533	0.43504	0.46519	7.14E-04	4E-05	0.00945	5.2E-07	0.0102	8.75E-04	4.89E-05	0.011635	2.91E-07	1.26E-02	0.000772	3.77E-05	0.022157	3E-07	0.022966
2382	494861.06	3860151.99	0.41854	0.5184	0.51415	0.5983	7.87E-04	4.5E-05	0.01117	6.7E-07	0.012	9.64E-04	5.57E-05	0.013751	3.74E-07	1.48E-02	0.00085	4.29E-05	0.026186	3.86E-07	0.027079
2383	494911.06	3860151.99	0.4154	0.51205	0.5115	0.58564	7.81E-04	4.5E-05	0.01111	6.5E-07	0.01193	9.57E-04	5.5E-05	0.01368	3.66E-07	1.47E-02	0.000843	4.23E-05	0.026051	3.78E-07	0.026937
2384	494961.06	3860151.99	0.41148	0.50199	0.50746	0.57882	7.73E-04	4.4E-05	0.01102	6.5E-07	0.01184	9.48E-04	5.4E-05	0.013572	3.62E-07	1.46E-02	0.000835	4.15E-05	0.025845	3.74E-07	0.026723
2385	495011.06	3860151.99	0.40787	0.49001	0.50326	0.5713	7.66E-04	4.3E-05	0.01093	6.4E-07	0.01174	9.39E-04	5.27E-05	0.01346	3.57E-07	1.45E-02	0.000828	4.05E-05	0.025631	3.69E-07	0.0265
2386	495061.06	3860151.99	0.40703	0.48238	0.4992	0.56316	7.65E-04	4.2E-05	0.01084	6.3E-07	0.01165	9.37E-04	5.19E-05	0.013351	3.52E-07	1.43E-02	0.000826	3.99E-05	0.025425	3.64E-07	0.026291
2387	495111.06	3860151.99	0.40881	0.47303	0.49309	0.55194	7.68E-04	4.1E-05	0.01071	6.2E-07	0.01152	9.41E-04	5.09E-05	0.013188	3.45E-07	1.42E-02	0.00083	3.91E-05	0.025113	3.57E-07	0.025983
2388	495161.06	3860151.99	0.40485	0.46202	0.48367	0.54782	7.61E-04	4.1E-05	0.0105	6.1E-07	0.01131	9.32E-04	4.97E-05	0.012936	3.43E-07	1.39E-02	0.000822	3.82E-05	0.024634	3.54E-07	0.025494
2389	495211.06	3860151.99	0.3994	0.45286	0.47421	0.54262	7.51E-04	4E-05	0.0103	6.1E-07	0.01109	9.20E-04	4.87E-05	0.012683	3.39E-07	1.37E-02	0.000811	3.75E-05	0.024152	3.51E-07	0.025001
2390	495261.06	3860151.99	0.39317	0.44775	0.46421	0.53691	7.39E-04	3.9E-05	0.01008	6E-07	0.01086	9.05E-04	4.81E-05	0.012416	3.36E-07	1.34E-02	0.000798	3.7E-05	0.023642	3.47E-07	0.024478
2391	495311.06	3860151.99	0.38694	0.43331	0.45409	0.53002	7.27E-04	3.8E-05	0.00986	5.9E-07	0.01063	8.91E-04	4.66E-05	0.012145	3.31E-07	1.31E-02	0.000786	3.58E-05	0.023127	3.42E-07	0.023949
2392	495361.06	3860151.99	0.3806	0.42122	0.44652	0.52544	7.15E-04	3.7E-05	0.0097	5.9E-07	0.01045	8.76E-04	4.53E-05	0.011942	3.29E-07	1.29E-02	0.000773	3.48E-05	0.022742	3.39E-07	0.023549
2393	495411.06	3860151.99	0.3768	0.41884	0.44131	0.51866	7.08E-04	3.7E-05	0.00958	5.8E-07	0.01033	8.68E-04	4.5E-05	0.011803	3.24E-07	1.27E-02	0.000765	3.46E-05	0.022476	3.35E-07	0.023276
2394	495461.06	3860151.99	0.3752	0.41767	0.44072	0.5109	7.05E-04	3.7E-05	0.00957	5.7E-07	0.01031	8.64E-04	4.49E-05	0.011787	3.2E-07	1.27E-02	0.000762	3.45E-05	0.022446	3.3E-07	0.023243
2395	495511.06	3860151.99	0.37403	0.41328	0.4353	0.50216	7.03E-04	3.6E-05	0.00945	5.6E-07	0.01019	8.61E-04	4.44E-05	0.011642	3.14E-07	1.25E-02	0.000759	3.42E-05	0.02217	3.24E-07	0.022964
2396	495561.06	3860151.99	0.37229	0.4116	0.43412	0.49431	7.00E-04	3.6E-05	0.00943	5.5E-07	0.01016	8.57E-04	4.42E-05	0.011611	3.09E-07	1.25E-02	0.000756	3.4E-05	0.02211	3.19E-07	0.0229
2397	495611.06	3860151.99	0.37138	0.41152	0.43013	0.48522	6.98E-04	3.6E-05	0.00934	5.4E-07	0.01008	8.55E-04	4.42E-05	0.011504	3.03E-07	1.24E-02	0.000754	3.4E-05	0.021907	3.13E-07	0.022695
2398	495661.06	3860151.99	0.36995	0.4163	0.42445	0.47582	6.95E-04	3.7E-05	0.00922	5.3E-07	0.00995	8.52E-04	4.48E-05	0.011352	2.98E-07	1.22E-02	0.000751	3.44E-05	0.021617	3.07E-07	0.022403
2399	495718.25	3859442.96	0.34117	0.50332	0.443	0.29603	6.41E-04	4.4E-05	0.00962	3.3E-07	0.01031	7.86E-04	5.41E-05	0.011848	1.85E-07	1.27E-02	0.000693	4.16E-05	0.022562	1.91E-07	0.023297
2400	495818.25	3859442.96	0.33677	0.47815	0.43926	0.28082	6.33E-04	4.2E-05	0.00954	3.1E-07	0.01021	7.76E-04	5.14E-05	0.011748	1.76E-07	1.26E-02	0.000684	3.95E-05	0.022372	1.81E-07	0.023095
2401	495918.25	3859442.96	0.33515	0.45573	0.43662	0.27495	6.30E-04	4E-05	0.00948	3.1E-07	0.01015	7.72E-04	4.9E-05	0.011678	1.72E-07	1.25E-02	0.00068	3.77E-05	0.022237	1.78E-07	0.022956
2402	496018.25	3859442.96	0.32914	0.44661	0.43777	0.27254	6.19E-04	3.9E-05	0.00951	3E-07	0.01016	7.58E-04	4.8E-05	0.011708	1.7E-07	1.25E-02	0.000668	3.69E-05	0.022296	1.76E-07	0.023001
2403	496118.25	3859442.96	0.33526	0.45386	0.45297	0.28169	6.30E-04	4E-05	0.00984	3.1E-07	0.01051	7.72E-04	4.88E-05	0.012115	1.76E-07	1.29E-02	0.000681	3.75E-05	0.02307	1.82E-07	0.023788
2404	496218.25	3859442.96	0.33976	0.45432	0.45245	0.289	6.38E-04	4E-05	0.00983	3.2E-07	0.0105	7.82E-04	4.88E-05	0.012101	1.81E-07	1.29E-02	0.00069	3.76E-05	0.023044	1.87E-07	0.023771
2405	496318.25	3859442.96	0.33416	0.46212	0.44246	0.28683	6.28E-04	4.1E-05	0.00961	3.2E-07	0.01028	7.70E-04	4.97E-05	0.011834	1.79E-07	1.27E-02	0.000678	3.82E-05	0.022535	1.85E-07	0.023252
2406	496418.25	3859442.96	0.33093	0.46201	0.44047	0.28369	6.22E-04	4.1E-05	0.00957	3.2E-07	0.01023	7.62E-04	4.97E-05	0.011781	1.77E-07	1.26E-02	0.000672	3.82E-05	0.022433	1.83E-07	0.023144
2407	495718.25	3859542.96	0.37235	0.51842	0.44248	0.31866	7.00E-04	4.5E-05	0.00961	3.6E-07	0.01035	8.57E-04	5.57E-05	0.011834	1.99E-07	1.27E-02	0.000756	4.29E-05	0.022536	2.06E-07	0.023335
2408	495818.25	3859542.96	0.35162	0.5191	0.43769	0.31374	6.61E-04	4.6E-05	0.0095	3.5E-07	0.01021	8.10E-04	5.58E-05	0.011706	1.96E-07	1.26E-02	0.000714	4.29E-05	0.022292	2.03E-07	0.023049
2409	495918.25	3859542.96	0.34477	0.51091	0.4375	0.30585	6.48E-04	4.5E-05	0.0095	3.4E-07	0.01019	7.94E-04	5.49E-05	0.011701	1.91E-07	1.26E-02	0.0007	4.23E-05	0.022282	1.98E-07	0.023025
2410	496018.25	3859542.96	0.34361	0.49106	0.43703	0.29992	6.46E-04	4.3E-05	0.00949	3.4E-07	0.01018	7.91E-04	5.28E-05	0.011689	1.88E-07	1.25E-02	0.000698	4.06E-05	0.022258	1.94E-07	0.022997
2411	496118.25	3859542.96	0.35204	0.48252	0.4458	0.3088	6.62E-04	4.2E-05	0.00968	3.5E-07	0.01039	8.11E-04	5.19E-05	0.011923	1.93E-07	1.28E-02	0.000715	3.99E-05	0.022705	1.99E-07	0.02346
2412	496218.25	3859542.96	0.34411	0.47566	0.45512	0.31654	6.47E-04	4.2E-05	0.00988	3.5E-07	0.01057	7.92E-04	5.11E-05	0.012172	1.98E-07	1.30E-02	0.000699	3.93E-05	0.02318	2.04E-07	0.023918
2413	496318.25	3859542.96	0.34604	0.47064	0.4609	0.31704	6.50E-04	4.1E-05	0.01001	3.5E-07	0.0107	7.97E-04	5.06E-05	0.012327	1.98E-07	1.32E-02	0.000703	3.89E-05	0.023474	2.05E-07	0.024216
2414	496418.25	3859542.96	0.34396	0.45829	0.45936	0.31019	6.46E-04	4E-05	0.00998	3.5E-07	0.01066	7.92E-04	4.93E-05	0.012286	1.94E-07	1.31E-02	0.000698	3.79E-05	0.023395	2E-07	0.024132
2415	495718.25	3859642.96	0.38026	0.50441	0.45216	0.34683	7.15E-04	4.4E-05	0.00982	3.9E-07	0.01058	8.76E-04	5.42E-05	0.012093	2.17E-07	1.30E-02	0.000772	4.17E-05	0.023029	2.24E-07	0.023843
2416	495818.25	3859642.96	0.37613	0.50177	0.43683	0.33871	7.07E-04	4.4E-05	0.00949	3.8E-07	0.01024	8.66E-04	5.39E-05	0.011683	2.12E-07	1.26E-02	0.000764	4.15E-05	0.022248	2.19E-07	0.023053
2417	495918.25	3859642.96	0.37345	0.4916	0.44293	0.33541	7.02E-04	4.3E-05	0.00962	3.7E-07	0.01036	8.60E-04	5.28E-05	0.011846	2.1E-07	1.28E-02	0.000758	4.07E-05	0.022559	2.17E-07	0.023358
2418	496018.25	3859642.96	0.35592	0.48943	0.43721	0.32749	6.69E-04	4.3E-05	0.00949	3.7E-07	0.01021	8.20E-04	5.26E-05	0.011693	2.05E-07	1.26E-02	0.000723	4.05E-05	0.022267	2.12E-07	0.023031
2419	496118.25	3859642.96	0.35362	0.50954	0.4357	0.33885	6.65E-04	4.5E-05	0.00946	3.8E-07	0.01017	8.14E-04	5.48E-05	0.011653	2.12E-07	1.25E-02	0.000718	4.21E-05	0.02219	2.19E-07	0.022951
2420	496218.25	3859642.96	0.35939	0.51299	0.44116	0.34556	6.75E-04	4.5E-05	0.00958	3.9E-07	0.0103	8.28E-04	5.51E-05	0.011799	2.16E-07	1.27E-02	0.00073	4.24E-05	0.022469	2.23E-07	0.023241
2421	496318.25	3859642.96	0.35974	0.48849	0.44416	0.34189	6.76E-04	4.3E-05	0.00965	3.8E-07	0.01036	8.28E-04	5.25E-05	0.011879	2.14E-07	1.28E-02	0.00073	4.04E-05	0.022621	2.21E-07	0.023392
2422	496418.25	3859642.96	0.34026	0.46989	0.43151	0.31347	6.39E-04	4.1E-05	0.00937	3.5E-07	0.01005	7.84E-04	5.05E-05	0.011541	1.96E-07	1.24E-02	0.000691	3.89E-05	0.021977	2.02E-07	0.022707
2423	495718.25	3859742.96	0.38683	0.52737	0.45188	0.37026	7.27E-04	4.6E-05	0.00981	4.1E-07	0.01059	8.91E-04	5.67E-05	0.012086	2.32E-07	1.30E-02	0.000785	4.36E-05	0.023015	2.39E-07	0.023844
2424	495818.25	3859742.96	0.37904	0.51616	0.43601	0.36081	7.12E-04	4.5E-05	0.00947	4E-07	0.01023	8.73E-04	5.55E-05	0.011661	2.26E-07	1.26E-02	0.00077	4.27E-05	0.022206	2.33E-07	0.023019
2425	495918.25	3859742.96	0.37439	0.50081	0.42851	0.35929	7.04E-04	4.4E-05	0.00931	4E-07	0.01005	8.62E-04	5.38E-05	0.011461	2.25E-07	1.24E-02	0.00076	4.14E-05	0.021824	2.32E-07	0.022626
2426	496018.25	3859742.96	0.37079	0.48609	0.43809	0.3531	6.97E-04	4.3E-05	0.00951	3.9E-07	0.01025	8.54E-04	5.23E-05	0.011717	2.21E-07	1.26E-02	0.000753	4.02E-05	0.022312	2.28E-07	0.023105
2427	496118.25	3859742.96	0.37189	0.47631	0.43329	0.36225	6.99E-04	4.2E-05	0.00941	4E-07	0.01015	8.56E-04	5.12E-05	0.011589	2.27E-07	1.25E-02	0.000755	3.94E-05	0.022068	2.34E-07	0.022862
2428	496218.25	3859742.96	0.35748	0.48336	0.44186	0.37395	6.72E-04	4.2E-05	0.0096	4.2E-07	0.01031	8.23E-04	5.2E-05	0.011818	2.34E-07	1.27E-02	0.000726	4E-05	0.022504	2.42E-07	0.02327
2429	496318.25	3859742.96	0.34619	0.4788	0.43317	0.35106	6.51E-04	4.2E-05	0.00941	3.9E-07	0.0101	7.97E-04	5.15E-05	0.011585	2.2E-07	1.24E-02	0.000703	3.96E-05	0.022062	2.27E-07	0.022804
2430	496418.25	3859742.96	0.3395	0.46756	0.4219	0.33094	6.38E-04	4.1E-05	0.00916	3.7E-07	0.00984	7.82E-04	5.03E-05	0.011284	2.07E-07	1.21E-02	0.000689	3.87E-05	0.021488	2.14E-07	0.022216
2431	495718.25	3859842.96	0.38749	0.51018	0.44828	0.39387	7.28E-04	4.5E-05	0.00973	4.4E-07	0.01051	8.92E-04	5.48E-05	0.01199	2.46E-07	1.29E-02	0.000787	4.22E-05	0.022831	2.54E-07	0.02366
2432	495818.25	3859842.96	0.38292	0.5069	0.44373	0.39008	7.20E-04	4.4E-05	0.00964	4.4E-07	0.0104	8.82E-04	5.45E-05	0.011868	2.44E-07	1.28E-02	0.000777	4.19E-05	0.022599	2.52E-07	0.023419
2433	495918.25	3859842.96	0.37766	0.50759	0.44496	0.38536	7.10E-04	4.5E-05	0.00966	4.3E-07	0.01042	8.70E-04	5.46E-05	0.011901	2.41E-07	1.28E-02	0.000767	4.2E-05	0.022662	2.49E-07	0.023471
2434	496018.25	3859842.96	0.37198	0.50314	0.43121	0.37835	6.99E-04	4.4E-05	0.00936	4.2E-07	0.01011	8.57E-04	5.41E-05	0.011533	2.37E-07	1.24E-02	0.000755	4.16E-05	0.021962	2.44E-07	0.022759
2435	496118.25	3859842.96	0.37315	0.49236	0.41817	0.39476	7.01E-04	4.3E-05	0.00908	4.4E-07	0.00983	8.59E-04	5.29E-05	0.011184	2.47E-07	1.21E-02	0.000758	4.07E-05	0.021298	2.55E-07	0.022096
2436	496218.25	3859842.96	0.367	0.48544	0.4189	0.37229	6.90E-04	4.3E-05	0.0091	4.2E-07	0.00983	8.45E-04	5.22E-05	0.011204	2.33E-07	1.21E-02	0.000745	4.01E-05	0.021335	2.4E-07	0.02212

2437	496318.25	3859842.96	0.35113	0.47383	0.41523	0.3253		6.60E-04	4.2E-05	0.00902	3.6E-07	0.00972		8.09E-04	5.09E-05	0.011106	2.03E-07	1.20E-02		0.000713	3.92E-05	0.021148	2.1E-07	0.0219
2438	496418.25	3859842.96	0.33864	0.45551	0.39403	0.29224		6.36E-04	4E-05	0.00856	3.3E-07	0.00923		7.80E-04	4.9E-05	0.010539	1.83E-07	1.14E-02		0.000688	3.77E-05	0.020068	1.89E-07	0.020794
2439	495718.25	3859942.96	0.38772	0.5205	0.45888	0.42253		7.29E-04	4.6E-05	0.00997	4.7E-07	0.01074		8.93E-04	5.6E-05	0.012273	2.64E-07	1.32E-02		0.000787	4.3E-05	0.023371	2.73E-07	0.024202
2440	495818.25	3859942.96	0.37627	0.51751	0.44155	0.41337		7.07E-04	4.5E-05	0.00959	4.6E-07	0.01034		8.66E-04	5.56E-05	0.01181	2.59E-07	1.27E-02		0.000764	4.28E-05	0.022488	2.67E-07	0.023295
2441	495918.25	3859942.96	0.37159	0.50398	0.43762	0.40756		6.98E-04	4.4E-05	0.0095	4.6E-07	0.01025		8.56E-04	5.42E-05	0.011704	2.55E-07	1.26E-02		0.000754	4.17E-05	0.022288	2.63E-07	0.023085
2442	496018.25	3859942.96	0.36697	0.48694	0.43087	0.41847		6.90E-04	4.3E-05	0.00936	4.7E-07	0.01009		8.45E-04	5.23E-05	0.011524	2.62E-07	1.24E-02		0.000745	4.03E-05	0.021944	2.7E-07	0.02273
2443	496118.25	3859942.96	0.36506	0.47804	0.42845	0.40198		6.86E-04	4.2E-05	0.0093	4.5E-07	0.01003		8.41E-04	5.14E-05	0.011459	2.51E-07	1.24E-02		0.000741	3.95E-05	0.021821	2.6E-07	0.022602
2444	496218.25	3859942.96	0.35837	0.4827	0.42904	0.36859		6.73E-04	4.2E-05	0.00932	4.1E-07	0.01003		8.25E-04	5.19E-05	0.011475	2.31E-07	1.24E-02		0.000728	3.99E-05	0.021851	2.38E-07	0.022619
2445	496318.25	3859942.96	0.34905	0.477	0.4158	0.33365		6.56E-04	4.2E-05	0.00903	3.7E-07	0.00973		8.04E-04	5.13E-05	0.011121	2.09E-07	1.20E-02		0.000709	3.94E-05	0.021177	2.16E-07	0.021925
2446	496418.25	3859942.96	0.33354	0.46113	0.39829	0.29167		6.27E-04	4E-05	0.00865	3.3E-07	0.00932		7.68E-04	4.96E-05	0.010653	1.82E-07	1.15E-02		0.000677	3.81E-05	0.020285	1.88E-07	0.021001
2447	496856.82	3858864.83	0.21378	0.29192	0.23886	0.18182		4.02E-04	2.6E-05	0.00519	2E-07	0.00561		4.92E-04	3.14E-05	0.006388	1.14E-07	6.91E-03		0.000434	2.41E-05	0.012165	1.17E-07	0.012624
2448	496956.82	3858864.83	0.2059	0.29435	0.23401	0.17977		3.87E-04	2.6E-05	0.00508	2E-07	0.00549		4.74E-04	3.16E-05	0.006259	1.12E-07	6.76E-03		0.000418	2.43E-05	0.011918	1.16E-07	0.012361
2449	497056.82	3858864.83	0.19789	0.29172	0.23286	0.17866		3.72E-04	2.6E-05	0.00506	2E-07	0.00545		4.56E-04	3.14E-05	0.006228	1.12E-07	6.72E-03		0.000402	2.41E-05	0.01186	1.15E-07	0.012286
2450	497156.82	3858864.83	0.19231	0.28468	0.23027	0.17584		3.61E-04	2.5E-05	0.005	2E-07	0.00539		4.43E-04	3.06E-05	0.006159	1.1E-07	6.63E-03		0.00039	2.35E-05	0.011728	1.14E-07	0.012142
2451	497256.82	3858864.83	0.19234	0.28884	0.23135	0.17697		3.61E-04	2.5E-05	0.00502	2E-07	0.00541		4.43E-04	3.11E-05	0.006188	1.11E-07	6.66E-03		0.000391	2.39E-05	0.011783	1.14E-07	0.012197
2452	496856.82	3858964.83	0.23764	0.29612	0.26704	0.19048		4.47E-04	2.6E-05	0.0058	2.1E-07	0.00627		5.47E-04	3.18E-05	0.007142	1.19E-07	7.72E-03		0.000482	2.45E-05	0.0136	1.23E-07	0.014108
2453	496956.82	3858964.83	0.23113	0.2917	0.25194	0.18662		4.34E-04	2.6E-05	0.00547	2.1E-07	0.00593		5.32E-04	3.14E-05	0.006738	1.17E-07	7.30E-03		0.000469	2.41E-05	0.012831	1.21E-07	0.013325
2454	497056.82	3858964.83	0.22352	0.28819	0.23952	0.18474		4.20E-04	2.5E-05	0.0052	2.1E-07	0.00565		5.15E-04	3.1E-05	0.006406	1.16E-07	6.95E-03		0.000454	2.38E-05	0.012199	1.19E-07	0.012677
2455	497156.82	3858964.83	0.21537	0.28222	0.23685	0.18255		4.05E-04	2.5E-05	0.00514	2E-07	0.00557		4.96E-04	3.03E-05	0.006335	1.14E-07	6.86E-03		0.000437	2.33E-05	0.012063	1.18E-07	0.012524
2456	497256.82	3858964.83	0.21648	0.30435	0.24623	0.18859		4.07E-04	2.7E-05	0.00535	2.1E-07	0.00578		4.99E-04	3.27E-05	0.006586	1.18E-07	7.12E-03		0.00044	2.52E-05	0.012541	1.22E-07	0.013005
2457	496856.82	3859064.83	0.25553	0.29433	0.29325	0.19547		4.80E-04	2.6E-05	0.00637	2.2E-07	0.00687		5.88E-04	3.16E-05	0.007843	1.22E-07	8.46E-03		0.000519	2.43E-05	0.014935	1.26E-07	0.015479
2458	496956.82	3859064.83	0.24855	0.29545	0.28589	0.19172		4.67E-04	2.6E-05	0.00621	2.1E-07	0.0067		5.72E-04	3.18E-05	0.007646	1.2E-07	8.25E-03		0.000505	2.44E-05	0.014561	1.24E-07	0.01509
2459	497056.82	3859064.83	0.24138	0.29839	0.28011	0.19027		4.54E-04	2.6E-05	0.00608	2.1E-07	0.00656		5.56E-04	3.21E-05	0.007492	1.19E-07	8.08E-03		0.00049	2.47E-05	0.014266	1.23E-07	0.014781
2460	497156.82	3859064.83	0.23464	0.29597	0.27265	0.18894		4.41E-04	2.6E-05	0.00592	2.1E-07	0.00639		5.40E-04	3.18E-05	0.007292	1.18E-07	7.86E-03		0.000476	2.45E-05	0.013886	1.22E-07	0.014387
2461	497256.82	3859064.83	0.24306	0.31325	0.27891	0.19752		4.57E-04	2.7E-05	0.00606	2.2E-07	0.00654		5.60E-04	3.37E-05	0.00746	1.24E-07	8.05E-03		0.000494	2.59E-05	0.014205	1.28E-07	0.014725
2462	496856.82	3859164.83	0.26742	0.3255	0.31477	0.19752		5.03E-04	2.9E-05	0.00684	2.2E-07	0.00737		6.16E-04	3.5E-05	0.008419	1.24E-07	9.07E-03		0.000543	2.69E-05	0.016031	1.28E-07	0.016601
2463	496956.82	3859164.83	0.26013	0.30503	0.30419	0.1926		4.89E-04	2.7E-05	0.00661	2.2E-07	0.00712		5.99E-04	3.28E-05	0.008136	1.2E-07	8.77E-03		0.000528	2.52E-05	0.015493	1.24E-07	0.016046
2464	497056.82	3859164.83	0.25629	0.29719	0.30335	0.19368		4.82E-04	2.6E-05	0.00659	2.2E-07	0.0071		5.90E-04	3.19E-05	0.008113	1.21E-07	8.74E-03		0.00052	2.46E-05	0.01545	1.25E-07	0.015995
2465	497156.82	3859164.83	0.25734	0.3146	0.3014	0.19965		4.84E-04	2.8E-05	0.00655	2.2E-07	0.00706		5.93E-04	3.38E-05	0.008061	1.25E-07	8.69E-03		0.000522	2.6E-05	0.01535	1.29E-07	0.015899
2466	497256.82	3859164.83	0.26349	0.31588	0.3188	0.21568		4.95E-04	2.8E-05	0.00692	2.4E-07	0.00745		6.07E-04	3.4E-05	0.008527	1.35E-07	9.17E-03		0.000535	2.61E-05	0.016237	1.39E-07	0.016798
2467	496856.82	3859264.83	0.27087	0.34796	0.3326	0.19612		5.09E-04	3.1E-05	0.00722	2.2E-07	0.00776		6.24E-04	3.74E-05	0.008896	1.23E-07	9.56E-03		0.00055	2.88E-05	0.01694	1.27E-07	0.017518
2468	496956.82	3859264.83	0.27032	0.35226	0.32997	0.19965		5.08E-04	3.1E-05	0.00717	2.2E-07	0.0077		6.22E-04	3.79E-05	0.008825	1.25E-07	9.49E-03		0.000549	2.91E-05	0.016806	1.29E-07	0.017384
2469	497056.82	3859264.83	0.2756	0.3528	0.32951	0.20614		5.18E-04	3.1E-05	0.00716	2.3E-07	0.0077		6.35E-04	3.79E-05	0.008813	1.29E-07	9.49E-03		0.00056	2.92E-05	0.016782	1.33E-07	0.017371
2470	497156.82	3859264.83	0.28152	0.35328	0.32745	0.21079		5.29E-04	3.1E-05	0.00711	2.4E-07	0.00767		6.48E-04	3.8E-05	0.008758	1.32E-07	9.44E-03		0.000572	2.92E-05	0.016677	1.36E-07	0.017278
2471	497256.82	3859264.83	0.28945	0.36084	0.33296	0.21789		5.44E-04	3.2E-05	0.00723	2.4E-07	0.00781		6.67E-04	3.88E-05	0.008905	1.36E-07	9.61E-03		0.000588	2.98E-05	0.016958	1.41E-07	0.017576
2472	497088.92	3858620.93	0.17328	0.20802	0.21007	0.16614		3.26E-04	1.8E-05	0.00456	1.9E-07	0.00491		3.99E-04	2.24E-05	0.005618	1.04E-07	6.04E-03		0.000352	1.72E-05	0.010699	1.07E-07	0.011068
2473	497138.92	3858620.93	0.17409	0.21093	0.21318	0.16607		3.27E-04	1.9E-05	0.00463	1.9E-07	0.00498		4.01E-04	2.27E-05	0.005702	1.04E-07	6.13E-03		0.000353	1.74E-05	0.010857	1.07E-07	0.011228
2474	497188.92	3858620.93	0.17183	0.21059	0.21	0.16433		3.23E-04	1.8E-05	0.00456	1.8E-07	0.0049		3.96E-04	2.26E-05	0.005617	1.03E-07	6.04E-03		0.000349	1.74E-05	0.010695	1.06E-07	0.011062
2475	497238.92	3858620.93	0.17213	0.21041	0.20853	0.16446		3.23E-04	1.8E-05	0.00453	1.8E-07	0.00487		3.96E-04	2.26E-05	0.005577	1.03E-07	6.00E-03		0.000349	1.74E-05	0.010621	1.06E-07	0.010988
2476	497088.92	3858670.93	0.17329	0.21675	0.20853	0.16698		3.26E-04	1.9E-05	0.00453	1.9E-07	0.00487		3.99E-04	2.33E-05	0.005577	1.04E-07	6.00E-03		0.000352	1.79E-05	0.010621	1.08E-07	0.01099
2477	497138.92	3858670.93	0.1758	0.21598	0.21116	0.16766		3.30E-04	1.9E-05	0.00459	1.9E-07	0.00494		4.05E-04	2.32E-05	0.005648	1.05E-07	6.08E-03		0.000357	1.79E-05	0.010754	1.08E-07	0.011129
2478	497188.92	3858670.93	0.17412	0.21032	0.20983	0.16668		3.27E-04	1.8E-05	0.00456	1.9E-07	0.0049		4.01E-04	2.26E-05	0.005612	1.04E-07	6.04E-03		0.000354	1.74E-05	0.010687	1.08E-07	0.011058
2479	497238.92	3858670.93	0.17426	0.20989	0.21066	0.16656		3.27E-04	1.8E-05	0.00457	1.9E-07	0.00492		4.01E-04	2.26E-05	0.005634	1.04E-07	6.06E-03		0.000354	1.74E-05	0.010729	1.08E-07	0.0111
2480	497088.92	3858720.93	0.18073	0.24085	0.21552	0.16819		3.40E-04	2.1E-05	0.00468	1.9E-07	0.00504		4.16E-04	2.59E-05	0.005764	1.05E-07	6.21E-03		0.000367	1.99E-05	0.010977	1.09E-07	0.011364
2481	497138.92	3858720.93	0.17689	0.22417	0.2087	0.16539		3.32E-04	2E-05	0.00453	1.8E-07	0.00488		4.07E-04	2.41E-05	0.005582	1.03E-07	6.01E-03		0.000359	1.85E-05	0.010629	1.07E-07	0.011007
2482	497188.92	3858720.93	0.17583	0.21996	0.20842	0.16495		3.30E-04	1.9E-05	0.00453	1.8E-07	0.00488		4.05E-04	2.36E-05	0.005574	1.03E-07	6.00E-03		0.000357	1.82E-05	0.010615	1.07E-07	0.01099
2483	497238.92	3858720.93	0.17896	0.22436	0.21361	0.16685		3.36E-04	2E-05	0.00464	1.9E-07	0.00499		4.12E-04	2.41E-05	0.005713	1.04E-07	6.15E-03		0.000363	1.86E-05	0.010879	1.08E-07	0.011261
2484	497088.92	3858770.93	0.18285	0.25919	0.22688	0.16898		3.44E-04	2.3E-05	0.00493	1.9E-07	0.00529		4.21E-04	2.79E-05	0.006068	1.06E-07	6.52E-03		0.000371	2.14E-05	0.011555	1.09E-07	0.011948
2485	497138.92	3858770.93	0.18087	0.25363	0.22323	0.16693		3.40E-04	2.2E-05	0.00485	1.9E-07	0.00521		4.17E-04	2.73E-05	0.00597	1.04E-07	6.41E-03		0.000367	2.1E-05	0.011369	1.08E-07	0.011758
2486	497188.92	3858770.93	0.17976	0.24381	0.22076	0.16604		3.38E-04	2.1E-05	0.00479	1.9E-07	0.00515		4.14E-04	2.62E-05	0.005904	1.04E-07	6.34E-03		0.000365	2.02E-05	0.011243	1.07E-07	0.011629
2487	497238.92	3858770.93	0.1832	0.25713	0.2239	0.16951		3.44E-04	2.3E-05	0.00486	1.9E-07	0.00523		4.22E-04	2.76E-05	0.005988	1.06E-07	6.44E-03		0.000372	2.13E-05	0.011403	1.09E-07	0.011797
2488	497396.65	3858622.63	0.18659	0.22908	0.22568	0.16957		3.51E-04	2E-05	0.0049	1.9E-07	0.00527		4.30E-04	2.46E-05	0.006036	1.06E-07	6.49E-03		0.000379	1.89E-05	0.011494	1.1E-07	0.011892
2489	497496.65	3858622.63	0.19512	0.24435	0.23383	0.17452		3.67E-04	2.1E-05	0.00508	1.9E-07	0.00547		4.49E-04	2.63E-05	0.006254	1.09E-07	6.73E-03		0.000396	2.02E-05	0.011909	1.13E-07	0.012326
2490	497596.65	3858622.63	0.21511	0.25895	0.2576	0.18176		4.04E-04	2.3E-05	0.00559	2E-07	0.00602		4.95E-04	2.78E-05	0.00689	1.14E-07	7.41E-03		0.000437	2.14E-05	0.01312	1.17E-07	0.013578
2491	497696.65	3858622.63	0.22581	0.2682	0.26513	0.18343		4.24E-04	2.4E-05	0.00576	2E-07	0.00621		5.20E-04	2.88E-05	0.007091	1.15E-07	7.64E-03		0.000458	2.22E-05	0.013503	1.18E-07	0.013984
2492	497796.65	3858622.63	0.2452	0.28467	0.28316	0.18881		4.61E-04	2.5E-05	0.00615	2.1E-07	0.00664		5.65E-04	3.06E-05	0.007573	1.18E-07	8.17E-03		0.000498	2.35E-05	0.014422	1.22E-07	0.014943
2493	497896.65	3858622.63	0.26547	0.30229	0.30455	0.19911		4.99E-04	2.7E-05	0.00661	2.2E-07	0.00714		6.11E-04	3.25E-05	0.008145	1.25E-07	8.79E-03		0.000539	2.5E-05	0.015511	1.29E-07	0.016075
2494	497396.65	3858722.63	0.19744	0.26612	0.24027	0.17468		3.71E-04	2.3E-05	0.00522	2E-07	0.00561		4.55E-04	2.86E-05	0.006426	1.09E-07	6.91E-03		0.000401	2.2E-05	0.012237	1.13E-07	0.01266
2495	497496.65	3858722.63	0.20632	0.2881	0.25575	0.18415		3.88E-04	2.5E-05	0.00555	2.1E-07	0.00597		4.75E-04	3.1E-05	0.00684	1.15E-07	7.35E-03		0.000419	2.38E-05	0.013025	1.19E-07	0.013468
2496	497596.65	3858722.63	0.23431	0.31446	0.28079	0.1969		4.40E-04	2.8E-05	0.0061	2.2E-07	0.00657		5.40E-04	3.38E-05	0.00751	1.23E-07	8.08E-03		0.000476	2.6E-05	0.014301	1.27E-07	0.014803
2497	497696.65	3858722.63	0.2534	0.32992	0.29874	0.2045		4.76E-04	2.9E-05	0.00649	2.3E-07	0.00699		5.84E-04	3.55E-05	0.00799	1.28E-07	8.61E-03		0.000514	2.73E-05	0.015215	1.32E-07	0.015757

2498	497796.65	3858722.63	0.26113	0.33959	0.30396	0.2106	4.91E-04	3E-05	0.0066	2.4E-07	0.00712	6.01E-04	3.65E-05	0.00813	1.32E-07	8.77E-03	0.00053	2.81E-05	0.015481	1.36E-07	0.016039
2499	497896.65	3858722.63	0.27403	0.34341	0.32335	0.21616	5.15E-04	3E-05	0.00702	2.4E-07	0.00757	6.31E-04	3.69E-05	0.008648	1.35E-07	9.32E-03	0.000556	2.84E-05	0.016468	1.4E-07	0.017053
2500	497396.65	3858822.63	0.20381	0.3201	0.24293	0.18454	3.83E-04	2.8E-05	0.00528	2.1E-07	0.00569	4.69E-04	3.44E-05	0.006497	1.15E-07	7.00E-03	0.000414	2.65E-05	0.012373	1.19E-07	0.012813
2501	497496.65	3858822.63	0.21266	0.33544	0.25601	0.19407	4.00E-04	2.9E-05	0.00556	2.2E-07	0.00599	4.90E-04	3.61E-05	0.006847	1.21E-07	7.37E-03	0.000432	2.77E-05	0.013039	1.25E-07	0.013498
2502	497596.65	3858822.63	0.24256	0.35441	0.2992	0.20862	4.56E-04	3.1E-05	0.0065	2.3E-07	0.00698	5.59E-04	3.81E-05	0.008002	1.3E-07	8.60E-03	0.000492	2.93E-05	0.015238	1.35E-07	0.01576
2503	497696.65	3858822.63	0.26117	0.36402	0.31803	0.21455	4.91E-04	3.2E-05	0.00691	2.4E-07	0.00743	6.01E-04	3.91E-05	0.008506	1.34E-07	9.15E-03	0.00053	3.01E-05	0.016197	1.39E-07	0.016758
2504	497796.65	3858822.63	0.27317	0.36298	0.32647	0.21857	5.13E-04	3.2E-05	0.00709	2.4E-07	0.00764	6.29E-04	3.9E-05	0.008732	1.37E-07	9.40E-03	0.000555	3E-05	0.016627	1.41E-07	0.017212
2505	497896.65	3858822.63	0.2954	0.38315	0.34284	0.23097	5.55E-04	3.4E-05	0.00745	2.6E-07	0.00803	6.80E-04	4.12E-05	0.009169	1.44E-07	9.89E-03	0.0006	3.17E-05	0.017461	1.49E-07	0.018093
2506	497396.65	3858922.63	0.21831	0.32895	0.25231	0.19199	4.10E-04	2.9E-05	0.00548	2.1E-07	0.00592	5.03E-04	3.54E-05	0.006748	1.2E-07	7.29E-03	0.000443	2.72E-05	0.01285	1.24E-07	0.013321
2507	497496.65	3858922.63	0.24344	0.36168	0.27699	0.20405	4.57E-04	3.2E-05	0.00602	2.3E-07	0.0065	5.61E-04	3.89E-05	0.007408	1.28E-07	8.01E-03	0.000494	2.99E-05	0.014107	1.32E-07	0.014632
2508	497596.65	3858922.63	0.24546	0.36691	0.27878	0.20565	4.61E-04	3.2E-05	0.00605	2.3E-07	0.00655	5.65E-04	3.94E-05	0.007456	1.29E-07	8.06E-03	0.000498	3.03E-05	0.014198	1.33E-07	0.014727
2509	497696.65	3858922.63	0.26926	0.3898	0.31944	0.22889	5.06E-04	3.4E-05	0.00694	2.6E-07	0.00748	6.20E-04	4.19E-05	0.008544	1.43E-07	9.21E-03	0.000547	3.22E-05	0.016269	1.48E-07	0.016848
2510	497796.65	3858922.63	0.29072	0.4162	0.34251	0.24288	5.46E-04	3.7E-05	0.00744	2.7E-07	0.00802	6.69E-04	4.47E-05	0.009161	1.52E-07	9.88E-03	0.00059	3.44E-05	0.017444	1.57E-07	0.018069
2511	497896.65	3858922.63	0.31876	0.45227	0.37513	0.25247	5.99E-04	4E-05	0.00815	2.8E-07	0.00879	7.34E-04	4.86E-05	0.010033	1.58E-07	1.08E-02	0.000647	3.74E-05	0.019106	1.63E-07	0.01979
2512	497364.44	3858201.52	0.16487	0.20727	0.19427	0.15603	3.10E-04	1.8E-05	0.00422	1.7E-07	0.00455	3.80E-04	2.23E-05	0.005196	9.76E-08	5.60E-03	0.000335	1.71E-05	0.009894	1.01E-07	0.010246
2513	497414.44	3858201.52	0.16801	0.20983	0.19756	0.15783	3.16E-04	1.8E-05	0.00429	1.8E-07	0.00462	3.87E-04	2.26E-05	0.005284	9.87E-08	5.69E-03	0.000341	1.74E-05	0.010062	1.02E-07	0.01042
2514	497464.44	3858201.52	0.17259	0.21367	0.20501	0.15947	3.24E-04	1.9E-05	0.00445	1.8E-07	0.0048	3.97E-04	2.3E-05	0.005483	9.97E-08	5.90E-03	0.00035	1.77E-05	0.010441	1.03E-07	0.010809
2515	497514.44	3858201.52	0.17423	0.21659	0.20664	0.15955	3.27E-04	1.9E-05	0.00449	1.8E-07	0.00483	4.01E-04	2.33E-05	0.005527	9.98E-08	5.95E-03	0.000354	1.79E-05	0.010524	1.03E-07	0.010896
2516	497564.44	3858201.52	0.17418	0.21613	0.2054	0.15912	3.27E-04	1.9E-05	0.00446	1.8E-07	0.00481	4.01E-04	2.32E-05	0.005494	9.95E-08	5.92E-03	0.000354	1.79E-05	0.010461	1.03E-07	0.010833
2517	497614.44	3858201.52	0.17678	0.22296	0.2056	0.1595	3.32E-04	2E-05	0.00446	1.8E-07	0.00482	4.07E-04	2.4E-05	0.005499	9.98E-08	5.93E-03	0.000359	1.84E-05	0.010471	1.03E-07	0.010849
2518	497364.44	3858251.52	0.17257	0.21776	0.20549	0.15896	3.24E-04	1.9E-05	0.00446	1.8E-07	0.00481	3.97E-04	2.34E-05	0.005496	9.94E-08	5.92E-03	0.00035	1.8E-05	0.010466	1.03E-07	0.010834
2519	497414.44	3858251.52	0.17707	0.22284	0.21186	0.16159	3.33E-04	2E-05	0.0046	1.8E-07	0.00495	4.08E-04	2.4E-05	0.005666	1.01E-07	6.10E-03	0.00036	1.84E-05	0.01079	1.04E-07	0.011168
2520	497464.44	3858251.52	0.17445	0.22188	0.20974	0.16035	3.28E-04	1.9E-05	0.00455	1.8E-07	0.0049	4.02E-04	2.39E-05	0.00561	1E-07	6.04E-03	0.000354	1.83E-05	0.010682	1.04E-07	0.011055
2521	497514.44	3858251.52	0.17146	0.21829	0.20708	0.15876	3.22E-04	1.9E-05	0.0045	1.8E-07	0.00484	3.95E-04	2.35E-05	0.005538	9.93E-08	5.96E-03	0.000348	1.81E-05	0.010547	1.03E-07	0.010913
2522	497564.44	3858251.52	0.17167	0.21783	0.20618	0.15824	3.23E-04	1.9E-05	0.00448	1.8E-07	0.00482	3.95E-04	2.34E-05	0.005514	9.9E-08	5.93E-03	0.000349	1.8E-05	0.010501	1.02E-07	0.010868
2523	497614.44	3858251.52	0.17189	0.21749	0.20527	0.15719	3.23E-04	1.9E-05	0.00446	1.8E-07	0.0048	3.96E-04	2.34E-05	0.00549	9.83E-08	5.91E-03	0.000349	1.8E-05	0.010455	1.02E-07	0.010822
2524	497364.44	3858301.52	0.17187	0.21779	0.20752	0.15976	3.23E-04	1.9E-05	0.00451	1.8E-07	0.00485	3.96E-04	2.34E-05	0.00555	9.99E-08	5.97E-03	0.000349	1.8E-05	0.010569	1.03E-07	0.010936
2525	497414.44	3858301.52	0.17842	0.2217	0.21369	0.16338	3.35E-04	1.9E-05	0.00464	1.8E-07	0.005	4.11E-04	2.38E-05	0.005715	1.02E-07	6.15E-03	0.000362	1.83E-05	0.010883	1.06E-07	0.011264
2526	497464.44	3858301.52	0.17606	0.21725	0.21103	0.15995	3.31E-04	1.9E-05	0.00458	1.8E-07	0.00493	4.05E-04	2.34E-05	0.005644	1E-07	6.07E-03	0.000357	1.8E-05	0.010748	1.03E-07	0.011123
2527	497514.44	3858301.52	0.17526	0.21433	0.20928	0.1589	3.29E-04	1.9E-05	0.00454	1.8E-07	0.00489	4.04E-04	2.3E-05	0.005597	9.94E-08	6.02E-03	0.000356	1.77E-05	0.010659	1.03E-07	0.011032
2528	497564.44	3858301.52	0.17278	0.21202	0.20651	0.15717	3.25E-04	1.9E-05	0.00448	1.8E-07	0.00483	3.98E-04	2.28E-05	0.005523	9.83E-08	5.94E-03	0.000351	1.75E-05	0.010518	1.02E-07	0.010886
2529	497614.44	3858301.52	0.17167	0.21287	0.20557	0.15673	3.23E-04	1.9E-05	0.00446	1.8E-07	0.00481	3.95E-04	2.29E-05	0.005498	9.8E-08	5.92E-03	0.000349	1.76E-05	0.01047	1.01E-07	0.010836
2530	497364.44	3858351.52	0.17415	0.22247	0.20703	0.16143	3.27E-04	2E-05	0.0045	1.8E-07	0.00484	4.01E-04	2.39E-05	0.005537	1.01E-07	5.96E-03	0.000354	1.84E-05	0.010544	1.04E-07	0.010916
2531	497414.44	3858351.52	0.17344	0.21933	0.20518	0.16037	3.26E-04	1.9E-05	0.00446	1.8E-07	0.0048	3.99E-04	2.36E-05	0.005488	1E-07	5.91E-03	0.000352	1.81E-05	0.01045	1.04E-07	0.01082
2532	497464.44	3858351.52	0.17445	0.21734	0.20706	0.16007	3.28E-04	1.9E-05	0.0045	1.8E-07	0.00484	4.02E-04	2.34E-05	0.005538	1E-07	5.96E-03	0.000354	1.8E-05	0.010546	1.03E-07	0.010918
2533	497514.44	3858351.52	0.1742	0.21464	0.20732	0.15925	3.27E-04	1.9E-05	0.0045	1.8E-07	0.00485	4.01E-04	2.31E-05	0.005545	9.96E-08	5.97E-03	0.000354	1.78E-05	0.010559	1.03E-07	0.01093
2534	497564.44	3858351.52	0.17055	0.20996	0.2032	0.15574	3.20E-04	1.8E-05	0.00441	1.7E-07	0.00475	3.93E-04	2.26E-05	0.005435	9.74E-08	5.85E-03	0.000346	1.74E-05	0.010349	1.01E-07	0.010713
2535	497614.44	3858351.52	0.17133	0.20808	0.20475	0.1557	3.22E-04	1.8E-05	0.00445	1.7E-07	0.00479	3.95E-04	2.24E-05	0.005476	9.74E-08	5.89E-03	0.000348	1.72E-05	0.010428	1.01E-07	0.010793
2536	497364.44	3858401.52	0.16896	0.21755	0.20865	0.16105	3.18E-04	1.9E-05	0.00453	1.8E-07	0.00487	3.89E-04	2.34E-05	0.00558	1.01E-07	5.99E-03	0.000343	1.8E-05	0.010627	1.04E-07	0.010988
2537	497414.44	3858401.52	0.17081	0.21908	0.20829	0.16076	3.21E-04	1.9E-05	0.00452	1.8E-07	0.00486	3.93E-04	2.36E-05	0.005571	1.01E-07	5.99E-03	0.000347	1.81E-05	0.010608	1.04E-07	0.010973
2538	497464.44	3858401.52	0.16977	0.21746	0.20556	0.1594	3.19E-04	1.9E-05	0.00446	1.8E-07	0.0048	3.91E-04	2.34E-05	0.005498	9.97E-08	5.91E-03	0.000345	1.8E-05	0.010469	1.03E-07	0.010832
2539	497514.44	3858401.52	0.17016	0.21754	0.20447	0.15872	3.20E-04	1.9E-05	0.00444	1.8E-07	0.00478	3.92E-04	2.34E-05	0.005469	9.93E-08	5.88E-03	0.000345	1.8E-05	0.010414	1.03E-07	0.010777
2540	497564.44	3858401.52	0.17647	0.22243	0.21004	0.16086	3.32E-04	2E-05	0.00456	1.8E-07	0.00491	4.06E-04	2.39E-05	0.005618	1.01E-07	6.05E-03	0.000358	1.84E-05	0.010697	1.04E-07	0.011074
2541	497614.44	3858401.52	0.18086	0.22674	0.21616	0.16281	3.40E-04	2E-05	0.00469	1.8E-07	0.00505	4.16E-04	2.44E-05	0.005781	1.02E-07	6.22E-03	0.000367	1.88E-05	0.011009	1.05E-07	0.011395
2542	493478.11	3860497.94	0.47645	0.6951	0.51799	0.81548	8.95E-04	6.1E-05	0.01125	9.1E-07	0.01221	1.10E-03	7.47E-05	0.013854	5.1E-07	1.50E-02	0.000967	5.75E-05	0.026382	5.27E-07	0.027407
2543	493528.11	3860497.94	0.46765	0.70327	0.52308	0.81383	8.79E-04	6.2E-05	0.01136	9.1E-07	0.0123	1.08E-03	7.56E-05	0.01399	5.09E-07	1.51E-02	0.00095	5.82E-05	0.026641	5.26E-07	0.027649
2544	493478.11	3860547.94	0.45847	0.65484	0.49916	0.78642	8.62E-04	5.7E-05	0.01084	8.8E-07	0.01176	1.06E-03	7.04E-05	0.01335	4.92E-07	1.45E-02	0.000931	5.42E-05	0.025423	5.08E-07	0.026408
2545	493528.11	3860547.94	0.46286	0.66637	0.50696	0.79212	8.70E-04	5.8E-05	0.01101	8.9E-07	0.01194	1.07E-03	7.16E-05	0.013559	4.95E-07	1.47E-02	0.00094	5.51E-05	0.02582	5.12E-07	0.026815
2546	493478.11	3860597.94	0.4529	0.64316	0.46994	0.76166	8.51E-04	5.6E-05	0.01021	8.5E-07	0.01111	1.04E-03	6.91E-05	0.012569	4.76E-07	1.37E-02	0.00092	5.32E-05	0.023934	4.92E-07	0.024908
2547	493528.11	3860597.94	0.45098	0.63883	0.47974	0.77514	8.47E-04	5.6E-05	0.01042	8.7E-07	0.01132	1.04E-03	6.87E-05	0.012831	4.85E-07	1.39E-02	0.000916	5.28E-05	0.024433	5.01E-07	0.025402
2548	493561.88	3860524.64	0.46647	0.69204	0.51641	0.80604	8.77E-04	6.1E-05	0.01121	9E-07	0.01215	1.07E-03	7.44E-05	0.013812	5.04E-07	1.50E-02	0.000947	5.72E-05	0.026301	5.21E-07	0.027306
2549	493591.88	3860524.64	0.45708	0.69337	0.51834	0.80491	8.59E-04	6.1E-05	0.01126	9E-07	0.01218	1.05E-03	7.45E-05	0.013863	5.03E-07	1.50E-02	0.000928	5.73E-05	0.026399	5.2E-07	0.027385
2550	493561.88	3860554.64	0.46366	0.66881	0.5068	0.79601	8.71E-04	5.9E-05	0.01101	8.9E-07	0.01194	1.07E-03	7.19E-05	0.013555	4.98E-07	1.47E-02	0.000941	5.53E-05	0.025812	5.14E-07	0.026809
2551	493591.88	3860554.64	0.46738	0.67691	0.50496	0.79719	8.78E-04	5.9E-05	0.01097	8.9E-07	0.0119	1.08E-03	7.28E-05	0.013505	4.99E-07	1.47E-02	0.000949	5.6E-05	0.025718	5.15E-07	0.026723
2552	492880.5	3860293.11	0.49866	0.73115	0.52254	0.84925	9.37E-04	6.4E-05	0.01135	9.5E-07	0.01235	1.15E-03	7.86E-05	0.013976	5.31E-07	1.52E-02	0.001012	6.05E-05	0.026613	5.49E-07	0.027687
2553	492930.5	3860293.11	0.49889	0.72637	0.53446	0.85786	9.38E-04	6.4E-05	0.01161	9.6E-07	0.01261	1.15E-03	7.81E-05	0.014294	5.37E-07	1.55E-02	0.001013	6.01E-05	0.02722	5.54E-07	0.028294
2554	492980.5	3860293.11	0.49888	0.73661	0.54809	0.86156	9.37E-04	6.5E-05	0.0119	9.6E-07	0.01291	1.15E-03	7.92E-05	0.014659	5.39E-07	1.59E-02	0.001013	6.09E-05	0.027915	5.57E-07	0.028989
2555	493030.5	3860293.11	0.50053	0.75947	0.56479	0.89503	9.41E-04	6.7E-05	0.01226	1E-06	0.01327	1.15E-03	8.16E-05	0.015106	5.6E-07	1.63E-02	0.001016	6.28E-05	0.028765	5.78E-07	0.029845
2556	493080.5	3860293.11	0.50738	0.78088	0.57999	0.88792	9.53E-04	6.9E-05	0.0126	9.9E-07	0.01362	1.17E-03	8.39E-05	0.015512	5.55E-07	1.68E-02	0.00103	6.46E-05	0.029539	5.74E-07	0.030635
2557	493130.5	3860293.11	0.51173	0.78687	0.58318	0.88674	9.62E-04	6.9E-05	0.01266	9.9E-07	0.0137	1.18E-03	8.46E-05	0.015598	5.55E-07	1.69E-02	0.001039	6.51E-05	0.029702	5.73E-07	0.030806
2558	493180.5	3860293.11	0.50769	0.78625	0.58514	0.89234	9.54E-04	6.9E-05	0.01271	1E-06	0.01373	1.17E-03	8.45E-05	0.01565	5.58E-07	1.69E-02	0.001031	6.5E-05	0.029802	5.76E-07	0.030898

2559	493230.5	3860293.11	0.50325	0.78259	0.58843	0.89338	9.46E-04	6.9E-05	0.01278	1E-06	0.01379	1.16E-03	8.41E-05	0.015738	5.59E-07	1.70E-02	0.001022	6.47E-05	0.029969	5.77E-07	0.031056
2560	493280.5	3860293.11	0.50943	0.77615	0.5939	0.8867	9.57E-04	6.8E-05	0.0129	9.9E-07	0.01392	1.17E-03	8.34E-05	0.015884	5.55E-07	1.71E-02	0.001034	6.42E-05	0.030248	5.73E-07	0.031347
2561	493330.5	3860293.11	0.51272	0.78722	0.59593	0.88211	9.64E-04	6.9E-05	0.01294	9.9E-07	0.01397	1.18E-03	8.46E-05	0.015939	5.52E-07	1.72E-02	0.001041	6.51E-05	0.030351	5.7E-07	0.031458
2562	493380.5	3860293.11	0.51468	0.78358	0.59569	0.87844	9.67E-04	6.9E-05	0.01294	9.8E-07	0.01397	1.19E-03	8.42E-05	0.015932	5.49E-07	1.72E-02	0.001045	6.48E-05	0.030339	5.67E-07	0.031449
2563	492880.5	3860343.11	0.49022	0.71186	0.5301	0.84104	9.21E-04	6.2E-05	0.01151	9.4E-07	0.0125	1.13E-03	7.65E-05	0.014178	5.26E-07	1.54E-02	0.000995	5.89E-05	0.026998	5.43E-07	0.028053
2564	492930.5	3860343.11	0.49079	0.71362	0.52086	0.83452	9.22E-04	6.3E-05	0.01131	9.3E-07	0.0123	1.13E-03	7.67E-05	0.013931	5.22E-07	1.51E-02	0.000996	5.9E-05	0.026528	5.39E-07	0.027584
2565	492980.5	3860343.11	0.49542	0.72341	0.5179	0.83404	9.31E-04	6.3E-05	0.01125	9.3E-07	0.01224	1.14E-03	7.78E-05	0.013852	5.22E-07	1.51E-02	0.001006	5.98E-05	0.026377	5.39E-07	0.027443
2566	493030.5	3860343.11	0.49412	0.71986	0.53099	0.8428	9.29E-04	6.3E-05	0.01153	9.4E-07	0.01252	1.14E-03	7.74E-05	0.014202	5.27E-07	1.54E-02	0.001003	5.95E-05	0.027044	5.44E-07	0.028107
2567	493080.5	3860343.11	0.49373	0.73289	0.54828	0.87979	9.28E-04	6.4E-05	0.01191	9.8E-07	0.0129	1.14E-03	7.88E-05	0.014664	5.5E-07	1.59E-02	0.001002	6.06E-05	0.027924	5.68E-07	0.028988
2568	493130.5	3860343.11	0.49402	0.74513	0.55682	0.87724	9.28E-04	6.5E-05	0.01209	9.8E-07	0.01309	1.14E-03	8.01E-05	0.014893	5.49E-07	1.61E-02	0.001003	6.16E-05	0.028359	5.67E-07	0.029424
2569	493180.5	3860343.11	0.50059	0.75183	0.56084	0.86652	9.41E-04	6.6E-05	0.01218	9.7E-07	0.01319	1.15E-03	8.08E-05	0.015	5.42E-07	1.62E-02	0.001016	6.22E-05	0.028564	5.6E-07	0.029643
2570	493230.5	3860343.11	0.50533	0.76244	0.56571	0.86367	9.50E-04	6.7E-05	0.01228	9.6E-07	0.0133	1.16E-03	8.2E-05	0.01513	5.4E-07	1.64E-02	0.001026	6.31E-05	0.028812	5.58E-07	0.029902
2571	493280.5	3860343.11	0.49473	0.76833	0.57586	0.87287	9.30E-04	6.7E-05	0.01251	9.8E-07	0.0135	1.14E-03	8.26E-05	0.015402	5.46E-07	1.66E-02	0.001004	6.35E-05	0.029329	5.64E-07	0.030397
2572	493330.5	3860343.11	0.49414	0.7696	0.5815	0.86748	9.29E-04	6.8E-05	0.01263	9.7E-07	0.01362	1.14E-03	8.27E-05	0.015553	5.43E-07	1.68E-02	0.001003	6.36E-05	0.029616	5.6E-07	0.030684
2573	493380.5	3860343.11	0.49674	0.76039	0.58405	0.86411	9.33E-04	6.7E-05	0.01268	9.7E-07	0.01368	1.14E-03	8.17E-05	0.015621	5.4E-07	1.68E-02	0.001009	6.29E-05	0.029746	5.58E-07	0.030818
2574	492880.5	3860393.11	0.48067	0.6885	0.5323	0.81435	9.03E-04	6E-05	0.01156	9.1E-07	0.01252	1.11E-03	7.4E-05	0.014237	5.09E-07	1.54E-02	0.000976	5.69E-05	0.02711	5.26E-07	0.028144
2575	492930.5	3860393.11	0.48273	0.69591	0.52753	0.82205	9.07E-04	6.1E-05	0.01146	9.2E-07	0.01242	1.11E-03	7.48E-05	0.014109	5.14E-07	1.53E-02	0.00098	5.76E-05	0.026867	5.31E-07	0.027906
2576	492980.5	3860393.11	0.48582	0.70403	0.52193	0.8273	9.13E-04	6.2E-05	0.01133	9.2E-07	0.01231	1.12E-03	7.57E-05	0.013959	5.17E-07	1.52E-02	0.000986	5.82E-05	0.026582	5.34E-07	0.027627
2577	493030.5	3860393.11	0.48739	0.70789	0.5133	0.80772	9.16E-04	6.2E-05	0.01115	9E-07	0.01213	1.12E-03	7.61E-05	0.013729	5.05E-07	1.49E-02	0.00099	5.85E-05	0.026143	5.22E-07	0.027191
2578	493080.5	3860393.11	0.48755	0.71563	0.51405	0.84254	9.16E-04	6.3E-05	0.01116	9.4E-07	0.01214	1.12E-03	7.69E-05	0.013749	5.27E-07	1.49E-02	0.00099	5.92E-05	0.026181	5.44E-07	0.02723
2579	493130.5	3860393.11	0.48658	0.70769	0.52406	0.8286	9.14E-04	6.2E-05	0.01138	9.3E-07	0.01236	1.12E-03	7.61E-05	0.014016	5.18E-07	1.52E-02	0.000988	5.85E-05	0.026691	5.35E-07	0.027738
2580	493180.5	3860393.11	0.48375	0.70667	0.53112	0.82829	9.09E-04	6.2E-05	0.01153	9.3E-07	0.01251	1.11E-03	7.6E-05	0.014205	5.18E-07	1.54E-02	0.000982	5.84E-05	0.02705	5.35E-07	0.028091
2581	493230.5	3860393.11	0.48957	0.72099	0.54114	0.84402	9.20E-04	6.3E-05	0.01175	9.4E-07	0.01274	1.13E-03	7.75E-05	0.014473	5.28E-07	1.57E-02	0.000994	5.96E-05	0.027561	5.45E-07	0.028615
2582	493280.5	3860393.11	0.49345	0.73759	0.5484	0.8489	9.27E-04	6.5E-05	0.01191	9.5E-07	0.0129	1.14E-03	7.93E-05	0.014667	5.31E-07	1.59E-02	0.001002	6.1E-05	0.02793	5.48E-07	0.028994
2583	493330.5	3860393.11	0.49742	0.75095	0.55599	0.8529	9.35E-04	6.6E-05	0.01207	9.5E-07	0.01308	1.15E-03	8.07E-05	0.01487	5.33E-07	1.61E-02	0.00101	6.21E-05	0.028317	5.51E-07	0.029389
2584	493380.5	3860393.11	0.48225	0.75123	0.56693	0.85039	9.06E-04	6.6E-05	0.01231	9.5E-07	0.01328	1.11E-03	8.08E-05	0.015163	5.32E-07	1.64E-02	0.000979	6.21E-05	0.028874	5.49E-07	0.029916
2585	492880.5	3860443.11	0.47117	0.66497	0.51817	0.78646	8.85E-04	5.8E-05	0.01125	8.8E-07	0.0122	1.09E-03	7.15E-05	0.013859	4.92E-07	1.50E-02	0.000957	5.5E-05	0.026391	5.08E-07	0.027403
2586	492930.5	3860443.11	0.47217	0.6683	0.52264	0.7911	8.87E-04	5.9E-05	0.01135	8.8E-07	0.0123	1.09E-03	7.18E-05	0.013978	4.95E-07	1.51E-02	0.000959	5.53E-05	0.026618	5.11E-07	0.027633
2587	492980.5	3860443.11	0.47516	0.67868	0.52384	0.80112	8.93E-04	6E-05	0.01138	9E-07	0.01233	1.09E-03	7.3E-05	0.01401	5.01E-07	1.52E-02	0.000965	5.61E-05	0.026679	5.17E-07	0.027701
2588	493030.5	3860443.11	0.47779	0.68707	0.51917	0.8088	8.98E-04	6E-05	0.01127	9E-07	0.01223	1.10E-03	7.39E-05	0.013886	5.06E-07	1.51E-02	0.00097	5.68E-05	0.026442	5.22E-07	0.027469
2589	493080.5	3860443.11	0.47846	0.6902	0.511	0.81355	8.99E-04	6.1E-05	0.0111	9.1E-07	0.01206	1.10E-03	7.42E-05	0.013667	5.09E-07	1.48E-02	0.000971	5.71E-05	0.026026	5.26E-07	0.027055
2590	493130.5	3860443.11	0.47882	0.69153	0.5011	0.78961	9.00E-04	6.1E-05	0.01088	8.8E-07	0.01184	1.10E-03	7.43E-05	0.013402	4.94E-07	1.46E-02	0.000972	5.72E-05	0.025521	5.1E-07	0.026551
2591	493180.5	3860443.11	0.47564	0.68467	0.49636	0.80634	8.94E-04	6E-05	0.01078	9E-07	0.01173	1.10E-03	7.36E-05	0.013275	5.04E-07	1.44E-02	0.000966	5.66E-05	0.02528	5.21E-07	0.026303
2592	493230.5	3860443.11	0.4774	0.68688	0.51173	0.81578	8.97E-04	6E-05	0.01111	9.1E-07	0.01207	1.10E-03	7.38E-05	0.013687	5.1E-07	1.49E-02	0.000969	5.68E-05	0.026063	5.27E-07	0.027089
2593	493280.5	3860443.11	0.47807	0.69398	0.52407	0.81291	8.98E-04	6.1E-05	0.01138	9.1E-07	0.01234	1.10E-03	7.46E-05	0.014017	5.08E-07	1.52E-02	0.000971	5.74E-05	0.026691	5.25E-07	0.02772
2594	493330.5	3860443.11	0.48259	0.7113	0.53635	0.8276	9.07E-04	6.2E-05	0.01165	9.2E-07	0.01262	1.11E-03	7.65E-05	0.014345	5.18E-07	1.55E-02	0.00098	5.88E-05	0.027317	5.35E-07	0.028356
2595	493380.5	3860443.11	0.4878	0.72238	0.53753	0.83223	9.17E-04	6.3E-05	0.01167	9.3E-07	0.01265	1.12E-03	7.77E-05	0.014377	5.21E-07	1.56E-02	0.00099	5.97E-05	0.027377	5.38E-07	0.028427
2596	493180.5	3860493.11	0.4692	0.67262	0.49835	0.79764	8.82E-04	5.9E-05	0.01082	8.9E-07	0.01176	1.08E-03	7.23E-05	0.013329	4.99E-07	1.45E-02	0.000953	5.56E-05	0.025381	5.15E-07	0.02639
2597	493230.5	3860493.11	0.47043	0.67568	0.48912	0.7764	8.84E-04	5.9E-05	0.01062	8.7E-07	0.01157	1.08E-03	7.26E-05	0.013082	4.86E-07	1.42E-02	0.000955	5.59E-05	0.024911	5.02E-07	0.025923
2598	493280.5	3860493.11	0.47142	0.67734	0.49262	0.79323	8.86E-04	5.9E-05	0.0107	8.9E-07	0.01164	1.09E-03	7.28E-05	0.013175	4.96E-07	1.43E-02	0.000957	5.6E-05	0.025089	5.12E-07	0.026103
2599	493330.5	3860493.11	0.47121	0.67582	0.50528	0.80261	8.85E-04	5.9E-05	0.01097	9E-07	0.01192	1.09E-03	7.27E-05	0.013514	5.02E-07	1.47E-02	0.000957	5.59E-05	0.025734	5.18E-07	0.026747
2600	493380.5	3860493.11	0.47055	0.67855	0.51473	0.8	8.84E-04	6E-05	0.01118	8.9E-07	0.01212	1.08E-03	7.29E-05	0.013767	5E-07	1.49E-02	0.000955	5.61E-05	0.026215	5.17E-07	0.027228
2601	493330.5	3860543.11	0.46477	0.66544	0.47964	0.76374	8.73E-04	5.8E-05	0.01042	8.5E-07	0.01135	1.07E-03	7.15E-05	0.012828	4.78E-07	1.40E-02	0.000944	5.5E-05	0.024428	4.93E-07	0.025428
2602	493380.5	3860543.11	0.4632	0.66208	0.48398	0.78022	8.70E-04	5.8E-05	0.01051	8.7E-07	0.01144	1.07E-03	7.12E-05	0.012944	4.88E-07	1.41E-02	0.00094	5.48E-05	0.024649	5.04E-07	0.025645
2603	494135.94	3860876.85	0.41222	0.56762	0.44011	0.6873	7.75E-04	5E-05	0.00956	7.7E-07	0.01038	9.49E-04	6.1E-05	0.011771	4.3E-07	1.28E-02	0.000837	4.69E-05	0.022415	4.44E-07	0.023299
2604	494185.94	3860876.85	0.40652	0.57824	0.43206	0.69972	7.64E-04	5.1E-05	0.00938	7.8E-07	0.0102	9.36E-04	6.22E-05	0.011556	4.38E-07	1.26E-02	0.000825	4.78E-05	0.022005	4.52E-07	0.022879
2605	494135.94	3860926.85	0.4042	0.5579	0.41917	0.67508	7.60E-04	4.9E-05	0.0091	7.5E-07	0.00991	9.31E-04	6E-05	0.011211	4.22E-07	1.22E-02	0.000821	4.61E-05	0.021349	4.36E-07	0.022216
2606	494185.94	3860926.85	0.40315	0.55621	0.42782	0.67303	7.58E-04	4.9E-05	0.00929	7.5E-07	0.0101	9.28E-04	5.98E-05	0.011442	4.21E-07	1.24E-02	0.000819	4.6E-05	0.021789	4.35E-07	0.022654
2607	494135.94	3860976.85	0.39883	0.54336	0.39946	0.64771	7.49E-04	4.8E-05	0.00867	7.2E-07	0.00947	9.18E-04	5.84E-05	0.010684	4.05E-07	1.17E-02	0.00081	4.49E-05	0.020345	4.18E-07	0.0212
2608	494185.94	3860976.85	0.39857	0.54455	0.40345	0.65355	7.49E-04	4.8E-05	0.00876	7.3E-07	0.00956	9.18E-04	5.85E-05	0.010791	4.09E-07	1.18E-02	0.000809	4.5E-05	0.020548	4.22E-07	0.021403
2609	494135.94	3861026.85	0.39205	0.53188	0.40839	0.63795	7.37E-04	4.7E-05	0.00887	7.1E-07	0.00965	9.03E-04	5.72E-05	0.010923	3.99E-07	1.19E-02	0.000796	4.4E-05	0.0208	4.12E-07	0.02164
2610	494185.94	3861026.85	0.39257	0.53494	0.39996	0.63847	7.38E-04	4.7E-05	0.00869	7.1E-07	0.00947	9.04E-04	5.75E-05	0.010697	3.99E-07	1.17E-02	0.000797	4.42E-05	0.02037	4.12E-07	0.021212
2611	494135.94	3861076.85	0.38445	0.51555	0.40775	0.62915	7.22E-04	4.5E-05	0.00885	7E-07	0.00962	8.85E-04	5.54E-05	0.010906	3.93E-07	1.18E-02	0.000781	4.26E-05	0.020767	4.06E-07	0.021591
2612	494185.94	3861076.85	0.38547	0.5183	0.40295	0.63507	7.24E-04	4.5E-05	0.00875	7.1E-07	0.00952	8.88E-04	5.57E-05	0.010777	3.97E-07	1.17E-02	0.000783	4.29E-05	0.020522	4.1E-07	0.021348
2613	490360.04	3858710.04	1.20224	1.72613	1.16701	1.9022	2.26E-03	0.00015	0.02534	2.1E-06	0.02776	2.77E-03	0.000186	0.031212	1.19E-06	3.42E-02	0.002441	0.000143	0.059436	1.23E-06	0.062021
2614	490410.04	3858710.04	1.18215	1.66571	1.17427	1.83886	2.22E-03	0.00015	0.0255	2.1E-06	0.02787	2.72E-03	0.000179	0.031407	1.15E-06	3.43E-02	0.0024	0.000138	0.059806	1.19E-06	0.062345
2615	490460.04	3858710.04	1.13088	1.64691	1.17984	1.75454	2.13E-03	0.00014	0.02562	2E-06	0.02789	2.60E-03	0.000177	0.031556	1.1E-06	3.43E-02	0.002296	0.000136	0.06009	1.13E-06	0.062523
2616	490510.04	3858710.04	1.1161	1.64244	1.19745	1.68162	2.10E-03	0.00014	0.026	1.9E-06	0.02825	2.57E-03	0.000177	0.032027	1.05E-06	3.48E-02	0.002266	0.000136	0.060987	1.09E-06	0.06339
2617	490560.04	3858710.04	1.1074	1.60588	1.21468	1.6143	2.08E-03	0.00014	0.02638	1.8E-06	0.0286	2.55E-03	0.000173	0.032487	1.01E-06	3.52E-02	0.002248	0.000133	0.061864	1.04E-06	0.064247
2618	490610.04	3858710.04	1.09916	1.5733	1.22846	1.54814	2.07E-03	0.00014	0.02668	1.7E-06	0.02888	2.53E-03	0.000169	0.032856	9.68E-07	3.56E-02	0.002232	0.00013	0.062566	1E-06	0.064929
2619	490660.04	3858710.04	1.09319	1.54027	1.20136	1.49395	2.05E-03	0.00014	0.02609	1.7E-06	0.02828	2.52E-03	0.000166	0.032131	9.34E-07	3.48E-02	0.00222	0.000127	0.061186	9.65E-07	0.063534